**3GPP TSG WG RAN5 Meeting #92-e draft R5-215774**

**Electronic Meeting**

**16th – 27th August 2021**



**Draft Report from the RAN WG5#92-e Meeting**

Electronic Meeting

16th – 27th August 2021

v 1.1

**Chairman: Jacob John, Motorola Mobility**

**Meeting Secretary: Ingbert Sigovich, ETSI/MCC Project manager**

Vice Chairman (SIG sub WG): Xiaozhong Chen, CATT

RF session Chair (RF sub WG): Pradeep Gowda, Qualcomm Inc

RF session Secretary: Amy Tao, Bureau Veritas

## Contents

1 Opening of the meeting 20

2 Reports 21

2.1 Live Reports 21

2.2 General Reports for information 23

3 Incoming Liaison Statements 23

4 RAN5 General Issues 34

4.1 New Work Item proposals - for intro only 34

4.2 General Discussion Papers 37

4.2.1 5GS 37

4.2.2 All other topics 39

4.3 RAN5 PRDs/Templates 41

4.4 Meeting schedule for 2021-22 41

4.5 Tdocs for mid-week joint session 42

4.5.1 RF group docs for WG review/verdict - original A.I. retained 42

4.5.2 Sig group docs for WG review/verdict - original A.I. retained 42

4.5.3 Other open issues from joint sessions - original A.I. retained 42

4.5.4 5GS 42

4.5.5 Study on 5G NR UE full stack testing for Network Slicing (UID-910095) FS\_NR\_Slice\_Test 42

4.5.5.1 TR 38.918 (pCRs only) 42

4.5.5.2 Discussion Papers, Work Plan, TC lists 44

4.5.6 Other 45

5 RF Functional Area 45

5.1 Review action points (fm A.I. 2.1) 45

5.2 Review incoming LS (fm A.I. 3) & new subject discussion papers 45

5.3 Open Work Items 45

5.3.1 Rel-14 LTE CA configurations (UID - 720098) LTE\_CA\_R14-UEConTest 45

5.3.1.1 TS 36.508 45

5.3.1.2 TS 36.521-1 45

5.3.1.3 TS 36.521-2 46

5.3.1.4 TS 36.521-3 46

5.3.1.5 TS 37.571-1 46

5.3.1.6 TS 37.571-3 46

5.3.1.7 TS 37.571-5 46

5.3.1.8 TR 36.903 (E-UTRAN RRM TT analyses) 46

5.3.1.9 TR 36.904 (E-UTRAN Radio Reception TT analyses) 46

5.3.1.10 TR 36.905 (E-UTRAN Test Points Radio Transmission and Reception ) 46

5.3.1.11 Discussion Papers, Work Plan, TC lists 46

5.3.2 5G system with NR and LTE (UID - 760087) 5GS\_NR\_LTE-UEConTest 46

5.3.2.1 TS 38.508-1 46

5.3.2.1.1 Test frequencies (Clause 4.3.1) 46

5.3.2.1.2 Test environment for RF (Clauses 5) 47

5.3.2.1.3 Test environment for RRM (Clause 7) 48

5.3.2.1.4 Other clauses, Annexes 49

5.3.2.2 TS 38.508-2 50

5.3.2.3 TS 38.509 54

5.3.2.4 TS 38.521-1 54

5.3.2.4.1 Tx Requirements (Clause 6) 54

5.3.2.4.2 Rx Requirements (Clause 7) 61

5.3.2.4.3 Clauses 1-5, Annexes 62

5.3.2.5 TS 38.521-2 63

5.3.2.5.1 Tx Requirements (Clause 6) 63

5.3.2.5.2 Rx Requirements (Clause 7) 73

5.3.2.5.3 Clauses 1-5, Annexes 74

5.3.2.6 TS 38.521-3 78

5.3.2.6.1 Tx Requirements (Clause 6) 78

5.3.2.6.2 Rx Requirements (Clause 7) 112

5.3.2.6.3 Clauses 1-5, Annexes 122

5.3.2.7 TS 38.521-4 125

5.3.2.7.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6) 125

5.3.2.7.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8) 128

5.3.2.7.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10) 130

5.3.2.7.4 Clauses 1-4, Annexes 131

5.3.2.8 TS 38.522 131

5.3.2.9 TS 38.533 133

5.3.2.9.1 EN-DC with all NR cells in FR1 (Clause 4) 133

5.3.2.9.2 EN-DC with at least 1 NR Cell in FR2 (Clause5) 142

5.3.2.9.3 NR Standalone in FR1 (Clause 6) 150

5.3.2.9.4 NR standalone with at least one NR cell in FR2 (Clause7) 161

5.3.2.9.5 E-UTRA – NR Inter-RAT with E-UTRA serving cell (Clause 8) 166

5.3.2.9.6 Clauses 1-3, Annexes 169

5.3.2.10 TS 36.508 174

5.3.2.11 TS 36.521-3 174

5.3.2.12 TS 37.571-1 174

5.3.2.13 TS 37.571-3 174

5.3.2.14 TS 37.571-5 174

5.3.2.15 TR 38.903 ((NR MU & TT analyses) 174

5.3.2.16 TR 38.905 (NR Test Points Radio Transmission and Reception ) 180

5.3.2.17 Discussion Papers, Work Plan, TC lists 199

5.3.3 Rel-15 LTE CA configurations (UID - 770064) LTE\_CA\_R15-UEConTest 216

5.3.3.1 TS 36.508 216

5.3.3.2 TS 36.521-1 217

5.3.3.3 TS 36.521-2 217

5.3.3.4 TS 36.521-3 217

5.3.3.5 TS 37.571-1 218

5.3.3.6 TS 37.571-3 218

5.3.3.7 TS 37.571-5 218

5.3.3.8 TR 36.903 (E-UTRAN RRM TT analyses) 218

5.3.3.9 TR 36.904 (E-UTRAN Radio Reception TT analyses) 218

5.3.3.10 TR 36.905 (E-UTRAN Test Points Radio Transmission and Reception ) 218

5.3.3.11 Discussion Papers, Work Plan, TC lists 218

5.3.4 Rel-16 CA configurations (UID - 810061) LTE\_CA\_R16-UEConTest 218

5.3.4.1 TS 36.508 218

5.3.4.2 TS 36.521-1 219

5.3.4.3 TS 36.521-2 219

5.3.4.4 TS 36.521-3 219

5.3.4.5 TS 37.571-1 219

5.3.4.6 TS 37.571-3 219

5.3.4.7 TS 37.571-5 219

5.3.4.8 TR 36.903 (E-UTRAN RRM TT analyses) 219

5.3.4.9 TR 36.904 (E-UTRAN Radio Reception TT analyses) 219

5.3.4.10 TR 36.905 (E-UTRAN Test Points Radio Transmission and Reception ) 219

5.3.4.11 Discussion Papers, Work Plan, TC lists 219

5.3.5 Enhancing LTE CA Utilization (UID - 820066) LTE\_euCA-UEConTest 219

5.3.5.1 TS 36.508 219

5.3.5.2 TS 36.521-2 219

5.3.5.3 TS 36.521-3 219

5.3.5.4 TR 36.903 (E-UTRAN RRM TT analyses) 220

5.3.5.5 Discussion Papers, Work Plan, TC lists 220

5.3.6 REL-16 NR CA and DC; and NR and LTE DC Configurations (UID-830083) NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest 220

5.3.6.1 TS 38.508-1 220

5.3.6.2 TS 38.508-2 220

5.3.6.3 TS 38.521-1 221

5.3.6.3.1 Tx Requirements (Clause 6) 221

5.3.6.3.2 Rx Requirements (Clause 7) 222

5.3.6.3.3 Clauses 1-5, Annexes 222

5.3.6.4 TS 38.521-2 222

5.3.6.4.1 Tx Requirements (Clause 6) 222

5.3.6.4.2 Rx Requirements (Clause 7) 223

5.3.6.4.3 Clauses 1-5, Annexes 223

5.3.6.5 TS 38.521-3 224

5.3.6.5.1 Tx Requirements (Clause 6) 224

5.3.6.5.2 Rx Requirements (Clause 7) 227

5.3.6.5.3 Clauses 1-5, Annexes 227

5.3.6.6 TS 38.521-4 228

5.3.6.6.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6) 228

5.3.6.6.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8) 228

5.3.6.6.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10) 228

5.3.6.6.4 Clauses 1-4, Annexes 228

5.3.6.7 TS 38.522 228

5.3.6.8 TS 38.533 229

5.3.6.9 TR 38.903 (NR MU & TT analyses) 229

5.3.6.10 TR 38.905 (NR Test Points Radio Transmission and Reception) 229

5.3.6.11 Discussion Papers, Work Plan, TC lists 233

5.3.7 Enhancements on Full-Dimension (FD) MIMO for LTE (UID - 830085) LTE\_eFDMIMO-UEConTest 234

5.3.7.1 TS 36.508 234

5.3.7.2 TS 36.521-1 234

5.3.7.3 TS 36.521-2 234

5.3.7.4 TR 36.904 (E-UTRAN Radio Reception TT analyses) 235

5.3.7.5 TR 36.905 (E-UTRAN Test Points Radio Transmission and Reception ) 235

5.3.7.6 Discussion Papers, Work Plan, TC lists 235

5.3.8 Study on 5G NR User Equipment (UE) Application Layer Data Throughput Performance (UID - 840090) FS\_UE\_5GNR\_App\_Data\_Perf 235

5.3.8.1 TR 37.901-5 235

5.3.8.2 Discussion Papers, Work Plan, TC lists 236

5.3.9 New Rel-16 NR bands and extension of existing NR bands (UID - 850062) NR\_bands\_BW\_R16-UEConTest 236

5.3.9.1 TS 38.508-1 236

5.3.9.2 TS 38.508-2 236

5.3.9.3 TS 38.521-1 236

5.3.9.3.1 Tx Requirements (Clause 6) 236

5.3.9.3.2 Rx Requirements (Clause 7) 238

5.3.9.3.3 Clauses 1-5, Annexes 238

5.3.9.4 TS 38.521-2 238

5.3.9.4.1 Tx Requirements (Clause 6) 238

5.3.9.4.2 Rx Requirements (Clause 7) 238

5.3.9.4.3 Clauses 1-5, Annexes 238

5.3.9.5 TS 38.521-4 238

5.3.9.5.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6) 238

5.3.9.5.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8) 238

5.3.9.5.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10) 238

5.3.9.5.4 Clauses 1-4, Annexes 239

5.3.9.6 TS 38.533 239

5.3.9.7 TS 37.571-1 239

5.3.9.8 TR 38.903 ((NR MU & TT analyses) 239

5.3.9.9 TR 38.905 (NR Test Points Radio Transmission and Reception) 239

5.3.9.10 Discussion Papers, Work Plan, TC lists 239

5.3.10 Further NB-IoT enhancements (UID – 860031) NB\_IOTenh2-UEConTest 239

5.3.10.1 TS 36.508 239

5.3.10.2 TS 36.521-1 239

5.3.10.3 TS 36.521-2 239

5.3.10.4 TS 36.521-3 239

5.3.10.5 TS 37.571-1 240

5.3.10.6 TS 37.571-3 240

5.3.10.7 TS 37.571-5 240

5.3.10.8 TR 36.903 (E-UTRAN RRM TT analyses) 240

5.3.10.9 TR 36.904 (E-UTRAN Radio Reception TT analyses) 240

5.3.10.10 TR 36.905 (E-UTRAN Test Points Radio Transmission and Reception ) 240

5.3.10.11 Discussion Papers, Work Plan, TC lists 240

5.3.11 Even further enhanced MTC for LTE (UID – 860032) LTE\_eMTC4-UEConTest 240

5.3.11.1 TS 36.508 240

5.3.11.2 TS 36.521-1 240

5.3.11.3 TS 36.521-2 241

5.3.11.4 TS 36.521-3 241

5.3.11.5 TS 37.571-1 241

5.3.11.6 TS 37.571-3 241

5.3.11.7 TS 37.571-5 241

5.3.11.8 TR 36.903 (E-UTRAN RRM TT analyses) 241

5.3.11.9 TR 36.904 (E-UTRAN Radio Reception TT analyses) 241

5.3.11.10 TR 36.905 (E-UTRAN Test Points Radio Transmission and Reception ) 241

5.3.11.11 Discussion Papers, Work Plan, TC lists 242

5.3.12 RF requirements for NR frequency range 1 (FR1) (UID-870061) NR\_RF\_FR1-UEConTest 242

5.3.12.1 TS 38.508-1 242

5.3.12.2 TS 38.508-2 242

5.3.12.3 TS 38.521-1 242

5.3.12.3.1 Tx Requirements (Clause 6) 242

5.3.12.3.2 Rx Requirements (Clause 7) 244

5.3.12.3.3 Clauses 1-5, Annexes 244

5.3.12.4 TS 38.521-3 244

5.3.12.4.1 Tx Requirements (Clause 6) 244

5.3.12.4.2 Rx Requirements (Clause 7) 244

5.3.12.4.3 Clauses 1-5, Annexes 244

5.3.12.5 TS 38.522 244

5.3.12.6 TS 38.533 244

5.3.12.7 TR 38.903 (NR MU & TT analyses) 244

5.3.12.8 TR 38.905 (NR Test Points Radio Transmission and Reception) 244

5.3.12.9 TS 36.521-3 246

5.3.12.10 TR 36.903 (E-UTRAN RRM TT analyses) 246

5.3.12.11 Discussion Papers, Work Plan, TC lists 246

5.3.13 Even Further Mobility Enhancement for E-UTRAN (UID – 880066) LTE\_feMob-UEConTest 246

5.3.13.1 TS 36.508 246

5.3.13.2 TS 36.521-2 246

5.3.13.3 TS 36.521-3 246

5.3.13.4 TR 36.903 (E-UTRAN RRM TT analyses) 246

5.3.13.5 Discussion Papers, Work Plan, TC lists 246

5.3.14 NR Mobility Enhancements (UID-880068) NR\_Mob\_enh-UEConTest 246

5.3.14.1 TS 38.508-1 246

5.3.14.2 TS 38.508-2 246

5.3.14.3 TS 38.522 246

5.3.14.4 TS 38.533 247

5.3.14.5 TR 38.903 (NR MU & TT analyses) 250

5.3.14.6 Discussion Papers, Work Plan, TC lists 250

5.3.15 5G V2X with NR sidelink (UID-880069) 5G\_V2X\_NRSL\_eV2XARC-UEConTest 250

5.3.15.1 TS 38.508-1 250

5.3.15.2 TS 38.508-2 250

5.3.15.3 TS 38.509 250

5.3.15.4 TS 38.521-1 251

5.3.15.4.1 Tx Requirements (Clause 6) 251

5.3.15.4.2 Rx Requirements (Clause 7) 252

5.3.15.4.3 Clauses 1-5, Annexes 252

5.3.15.5 TS 38.521-3 252

5.3.15.5.1 Tx Requirements (Clause 6) 252

5.3.15.5.2 Rx Requirements (Clause 7) 252

5.3.15.5.3 Clauses 1-5, Annexes 252

5.3.15.6 TS 38.521-4 252

5.3.15.6.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6) 252

5.3.15.6.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8) 252

5.3.15.6.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10) 252

5.3.15.6.4 Clauses 1-4, Annexes 252

5.3.15.7 TS 38.522 252

5.3.15.8 TS 38.533 252

5.3.15.9 TS 36.509 252

5.3.15.10 TR 38.903 (NR MU & TT analyses) 252

5.3.15.11 TR 38.905 (NR Test Points Radio Transmission and Reception) 252

5.3.15.12 Discussion Papers, Work Plan, TC lists 253

5.3.16 Enhancements on MIMO for NR (UID-880070) NR\_eMIMO-UEConTest 253

5.3.16.1 TS 38.508-1 253

5.3.16.2 TS 38.508-2 253

5.3.16.3 TS 38.521-1 254

5.3.16.3.1 Tx Requirements (Clause 6) 254

5.3.16.3.2 Rx Requirements (Clause 7) 255

5.3.16.3.3 Clauses 1-5, Annexes 255

5.3.16.4 TS 38.521-2 255

5.3.16.4.1 Tx Requirements (Clause 6) 255

5.3.16.4.2 Rx Requirements (Clause 7) 256

5.3.16.4.3 Clauses 1-5, Annexes 256

5.3.16.5 TS 38.521-3 256

5.3.16.5.1 Tx Requirements (Clause 6) 256

5.3.16.5.2 Rx Requirements (Clause 7) 256

5.3.16.5.3 Clauses 1-5, Annexes 256

5.3.16.6 TS 38.521-4 256

5.3.16.6.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6) 256

5.3.16.6.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8) 259

5.3.16.6.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10) 259

5.3.16.6.4 Clauses 1-4, Annexes 259

5.3.16.7 TS 38.522 259

5.3.16.8 TS 38.533 260

5.3.16.9 TR 38.903 (NR MU & TT analyses) 260

5.3.16.10 TR 38.905 (NR Test Points Radio Transmission and Reception) 260

5.3.16.11 Discussion Papers, Work Plan, TC lists 260

5.3.17 UE Power Saving in NR (UID-880071) NR\_UE\_pow\_sav-UEConTest 260

5.3.17.1 TS 38.508-1 260

5.3.17.2 TS 38.508-2 261

5.3.17.3 TS 38.521-4 261

5.3.17.3.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6) 261

5.3.17.3.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8) 263

5.3.17.3.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10) 263

5.3.17.3.4 Clauses 1-4, Annexes 263

5.3.17.4 TS 38.522 264

5.3.17.5 TS 38.533 264

5.3.17.6 Discussion Papers, Work Plan, TC lists 270

5.3.18 High power UE (power class 2) for EN-DC (1 LTE FDD band + 1 NR TDD band) (UID-890044) ENDC\_UE\_PC2\_FDD\_TDD-UEConTest 270

5.3.18.1 TS 38.508-1 270

5.3.18.2 TS 38.508-2 270

5.3.18.3 TS 38.521-3 270

5.3.18.3.1 Tx Requirements (Clause 6) 270

5.3.18.3.2 Rx Requirements (Clause 7) 270

5.3.18.3.3 Clauses 1-5, Annexes 270

5.3.18.4 TS 38.522 270

5.3.18.5 TR 38.905 (NR Test Points Radio Transmission and Reception) 270

5.3.18.6 Discussion Papers, Work Plan, TC lists 270

5.3.19 B1C Signal in BDS Positioning System Support for LTE and NR (UID-890045) B1C\_BDS\_pos\_UEConTest 270

5.3.19.1 TS 37.571-1 270

5.3.19.2 TS 37.571-3 270

5.3.19.3 TS 37.571-5 270

5.3.19.4 Discussion Papers, Work Plan, TC lists 270

5.3.20 Single Radio Voice Call Continuity from 5G to 3G (UID-890046) SRVCC\_NR\_to\_UMTS-UEConTest 270

5.3.20.1 TS 38.508-1 270

5.3.20.2 TS 38.508-2 270

5.3.20.3 TS 38.522 270

5.3.20.4 TS 38.533 271

5.3.20.5 TR 38.903 (NR MU & TT analyses) 271

5.3.20.6 Discussion Papers, Work Plan, TC lists 271

5.3.21 Cross Link Interference (CLI) handling for NR (UID-890047) NR\_CLI-UEConTest 271

5.3.21.1 TS 38.508-1 271

5.3.21.2 TS 38.508-2 271

5.3.21.3 TS 38.522 271

5.3.21.4 TS 38.533 271

5.3.21.5 TR 38.903 (NR MU & TT analyses) 272

5.3.21.6 Discussion Papers, Work Plan, TC lists 272

5.3.22 NR performance requirement enhancement (UID-890048) NR\_perf\_enh-UEConTest 272

5.3.22.1 TS 38.508-1 272

5.3.22.2 TS 38.508-2 272

5.3.22.3 TS 38.521-4 272

5.3.22.3.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6) 272

5.3.22.3.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8) 273

5.3.22.3.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10) 274

5.3.22.3.4 Clauses 1-4, Annexes 274

5.3.22.4 TS 38.522 274

5.3.22.5 TR 38.903 (NR MU & TT analyses) 274

5.3.22.6 TR 38.905 (NR Test Points Radio Transmission and Reception) 274

5.3.22.7 Discussion Papers, Work Plan, TC lists 274

5.3.23 NR support for high speed train scenario (UID-900050) NR\_HST-UEConTest 274

5.3.23.1 TS 38.508-1 274

5.3.23.2 TS 38.508-2 274

5.3.23.3 TS 38.521-4 274

5.3.23.3.1 Conducted Demod Performance and CSI Reporting Requirements (Clause 5) 274

5.3.23.3.2 Clauses 1-4, Annexes 276

5.3.23.4 TS 38.522 276

5.3.23.5 TS 38.533 277

5.3.23.6 TS 36.508 280

5.3.23.7 TR 38.903 (NR MU & TT analyses) 280

5.3.23.8 Discussion Papers, Work Plan, TC lists 280

5.3.24 Add support of NR DL 256QAM for FR2 (UID-900051) NR\_DL256QAM\_FR2-UEConTest 280

5.3.24.1 TS 38.508-1 280

5.3.24.2 TS 38.508-2 280

5.3.24.3 TS 38.521-2 280

5.3.24.3.1 Tx Requirements (Clause 6) 280

5.3.24.3.2 Rx Requirements (Clause 7) 280

5.3.24.3.3 Clauses 1-5, Annexes 280

5.3.24.4 TS 38.521-4 280

5.3.24.4.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6) 280

5.3.24.4.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8) 280

5.3.24.4.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10) 281

5.3.24.4.4 Clauses 1-4, Annexes 281

5.3.24.5 TS 38.522 281

5.3.24.6 TR 38.903 (NR MU & TT analyses) 282

5.3.24.7 TR 38.905 (NR Test Points Radio Transmission and Reception) 282

5.3.24.8 Discussion Papers, Work Plan, TC lists 282

5.3.25 Additional LTE bands for UE category M1 and/or NB1 in Rel-16 (UID – 900052) LTE\_bands\_R16\_M1\_NB1-UEConTest 282

5.3.25.1 TS 36.508 282

5.3.25.2 TS 36.521-1 282

5.3.25.3 TS 36.521-2 282

5.3.25.4 TS 36.521-3 282

5.3.25.5 Discussion Papers, Work Plan, TC lists 282

5.3.26 Additional LTE bands for UE category M2 and/or NB2 in Rel-16 (UID – 900053) LTE\_bands\_R16\_M2\_NB2-UEConTest 282

5.3.26.1 TS 36.508 282

5.3.26.2 TS 36.521-1 282

5.3.26.3 TS 36.521-2 283

5.3.26.4 TS 36.521-3 283

5.3.26.5 Discussion Papers, Work Plan, TC lists 283

5.3.27 Physical Layer Enhancements for NR Ultra-Reliable and Low Latency Communication (URLLC) (UID-900054) NR\_L1enh\_URLLC-UEConTest 283

5.3.27.1 TS 38.508-1 283

5.3.27.2 TS 38.508-2 283

5.3.27.3 TS 38.521-4 283

5.3.27.3.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6) 283

5.3.27.3.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8) 287

5.3.27.3.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10) 287

5.3.27.3.4 Clauses 1-4, Annexes 287

5.3.27.4 TS 38.522 287

5.3.27.5 TR 38.903 (NR MU & TT analyses) 288

5.3.27.6 Discussion Papers, Work Plan, TC lists 288

5.3.28 New Rel-17 NR licensed bands and extension of existing NR bands (UID - 900055) NR\_lic\_bands\_BW\_R17-UEConTest 288

5.3.28.1 TS 38.508-1 288

5.3.28.2 TS 38.508-2 289

5.3.28.3 TS 38.521-1 289

5.3.28.3.1 Tx Requirements (Clause 6) 289

5.3.28.3.2 Rx Requirements (Clause 7) 291

5.3.28.3.3 Clauses 1-5, Annexes 292

5.3.28.4 TS 38.521-2 293

5.3.28.4.1 Tx Requirements (Clause 6) 293

5.3.28.4.2 Rx Requirements (Clause 7) 293

5.3.28.4.3 Clauses 1-5, Annexes 293

5.3.28.5 TS 38.521-4 293

5.3.28.5.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6) 293

5.3.28.5.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8) 293

5.3.28.5.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10) 293

5.3.28.5.4 Clauses 1-4, Annexes 293

5.3.28.6 TS 38.533 293

5.3.28.7 TR 38.903 ((NR MU & TT analyses) 294

5.3.28.8 TR 38.905 (NR Test Points Radio Transmission and Reception) 294

5.3.28.9 Discussion Papers, Work Plan, TC lists 294

5.3.29 Rel-17 NR CA and DC; and NR and LTE DC Configurations (UID-900056) NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest 294

5.3.29.1 TS 38.508-1 294

5.3.29.2 TS 38.508-2 296

5.3.29.3 TS 38.521-1 297

5.3.29.3.1 Tx Requirements (Clause 6) 297

5.3.29.3.2 Rx Requirements (Clause 7) 297

5.3.29.3.3 Clauses 1-5, Annexes 297

5.3.29.4 TS 38.521-2 298

5.3.29.4.1 Tx Requirements (Clause 6) 298

5.3.29.4.2 Rx Requirements (Clause 7) 298

5.3.29.4.3 Clauses 1-5, Annexes 298

5.3.29.5 TS 38.521-3 298

5.3.29.5.1 Tx Requirements (Clause 6) 298

5.3.29.5.2 Rx Requirements (Clause 7) 299

5.3.29.5.3 Clauses 1-5, Annexes 299

5.3.29.6 TS 38.521-4 300

5.3.29.6.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6) 300

5.3.29.6.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8) 300

5.3.29.6.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10) 300

5.3.29.6.4 Clauses 1-4, Annexes 300

5.3.29.7 TS 38.522 300

5.3.29.8 TS 38.533 300

5.3.29.9 TR 38.903 (NR MU & TT analyses) 300

5.3.29.10 TR 38.905 (NR Test Points Radio Transmission and Reception) 300

5.3.29.11 Discussion Papers, Work Plan, TC lists 300

5.3.30 NR Positioning Support (UID-900057) NR\_pos-UEConTest 300

5.3.30.1 TS 38.508-1 300

5.3.30.2 TS 38.508-2 300

5.3.30.3 TS 37.571-1 300

5.3.30.4 TS 37.571-3 301

5.3.30.5 TS 37.571-5 302

5.3.30.6 TR 38.903 ((NR MU & TT analyses) 302

5.3.30.7 Discussion Papers, Work Plan, TC lists 302

5.3.31 NR RF requirement enhancements for frequency range 2 (FR2) (UID-910098) NR\_RF\_FR2\_req\_enh-UEConTest 302

5.3.31.1 TS 38.508-1 302

5.3.31.2 TS 38.508-2 302

5.3.31.3 TS 38.521-2 302

5.3.31.3.1 Tx Requirements (Clause 6) 302

5.3.31.3.2 Rx Requirements (Clause 7) 304

5.3.31.3.3 Clauses 1-5, Annexes 307

5.3.31.4 TS 38.522 307

5.3.31.5 TR 38.903 (NR MU & TT analyses) 308

5.3.31.6 TR 38.905 (NR Test Points Radio Transmission and Reception) 308

5.3.31.7 Discussion Papers, Work Plan, TC lists 308

5.3.32 High power UE (power class 2) for EN-DC with 1 LTE band + 1 NR TDD band (UID-911000) ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest 309

5.3.32.1 TS 38.508-1 309

5.3.32.2 TS 38.508-2 309

5.3.32.3 TS 38.521-3 309

5.3.32.3.1 Tx Requirements (Clause 6) 309

5.3.32.3.2 Rx Requirements (Clause 7) 309

5.3.32.3.3 Clauses 1-5, Annexes 309

5.3.32.4 TS 38.521-4 309

5.3.32.4.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6) 309

5.3.32.4.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8) 309

5.3.32.4.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10) 309

5.3.32.4.4 Clauses 1-4, Annexes 309

5.3.32.5 TS 38.522 309

5.3.32.6 TR 38.905 (NR Test Points Radio Transmission and Reception) 310

5.3.32.7 Discussion Papers, Work Plan, TC lists 310

5.3.33 2-step RACH for NR (UID-911001) NR\_2step\_RACH-UEConTest 310

5.3.33.1 TS 38.508-1 310

5.3.33.2 TS 38.508-2 310

5.3.33.3 TS 38.522 310

5.3.33.4 TS 38.533 310

5.3.33.5 TR 38.903 (NR MU & TT analyses) 311

5.3.33.6 Discussion Papers, Work Plan, TC lists 311

5.3.34 NR-based access to unlicensed spectrum (UID-911003) NR\_unlic-UEConTest 311

5.3.34.1 TS 38.508-1 311

5.3.34.2 TS 38.508-2 311

5.3.34.3 TS 38.509 312

5.3.34.4 TS 38.521-1 312

5.3.34.4.1 Tx Requirements (Clause 6) 312

5.3.34.4.2 Rx Requirements (Clause 7) 313

5.3.34.4.3 Clauses 1-5, Annexes 314

5.3.34.5 TS 38.521-3 314

5.3.34.5.1 Tx Requirements (Clause 6) 314

5.3.34.5.2 Rx Requirements (Clause 7) 314

5.3.34.5.3 Clauses 1-5, Annexes 314

5.3.34.6 TS 38.521-4 314

5.3.34.6.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6) 314

5.3.34.6.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8) 314

5.3.34.6.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10) 314

5.3.34.6.4 Clauses 1-4, Annexes 314

5.3.34.7 TS 38.522 314

5.3.34.8 TS 38.533 314

5.3.34.9 TR 38.903 (NR MU & TT analyses) 314

5.3.34.10 TR 38.905 (NR Test Points Radio Transmission and Reception) 314

5.3.34.11 Discussion Papers, Work Plan, TC lists 314

5.3.35 LTE-NR & NR-NR Dual Connectivity and NR CA enhancements (UID-911004) LTE\_NR\_DC\_CA\_enh-UEConTest 314

5.3.35.1 TS 38.508-1 314

5.3.35.2 TS 38.508-2 314

5.3.35.3 TS 38.522 314

5.3.35.4 TS 38.533 314

5.3.35.5 TR 38.903 (NR MU & TT analyses) 314

5.3.35.6 Discussion Papers, Work Plan, TC lists 314

5.3.36 SAR schemes for UE power class 2 (PC2) for NR inter-band Carrier Aggregation and supplemental uplink (SUL) configurations with 2 bands UL (UID-920065) NR\_SAR\_PC2\_interB\_SUL\_2BUL-UEConTest 314

5.3.36.1 TS 38.508-1 314

5.3.36.2 TS 38.508-2 314

5.3.36.3 TS 38.521-1 315

5.3.36.3.1 Tx Requirements (Clause 6) 315

5.3.36.3.2 Rx Requirements (Clause 7) 315

5.3.36.3.3 Clauses 1-5, Annexes 315

5.3.36.4 TS 38.522 315

5.3.36.5 TR 38.905 (NR Test Points Radio Transmission and Reception) 315

5.3.36.6 Discussion Papers, Work Plan, TC lists 315

5.3.37 Rel-17 High power UE for NR inter-band Carrier Aggregation with 2 bands downlink and x bands uplink (x=1,2) (UID-920066) NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest 315

5.3.37.1 TS 38.508-1 315

5.3.37.2 TS 38.508-2 315

5.3.37.3 TS 38.521-1 315

5.3.37.3.1 Tx Requirements (Clause 6) 315

5.3.37.3.2 Rx Requirements (Clause 7) 319

5.3.37.3.3 Clauses 1-5, Annexes 319

5.3.37.4 TS 38.522 319

5.3.37.5 TR 38.905 (NR Test Points Radio Transmission and Reception) 319

5.3.37.6 Discussion Papers, Work Plan, TC lists 319

5.3.38 Modification of LTE Band 24 Specifications to comply with updated regulatory emission limit) (UID-920067) LTE\_B24\_mod-UEConTest 319

5.3.38.1 TS 34.108 319

5.3.38.2 TS 34.121-1 319

5.3.38.3 TS 34.121-2 319

5.3.38.4 TS 36.508 319

5.3.38.5 TS 36.521-1 319

5.3.38.6 TS 36.521-2 323

5.3.38.7 TS 36.521-3 323

5.3.38.8 TR 36.903 (E-UTRAN RRM TT analyses) 323

5.3.38.9 TR 36.905 (E-UTRAN Test Points Radio Transmission and Reception ) 323

5.3.38.10 Discussion Papers, Work Plan, TC lists 323

5.3.39 29 dBm UE Power Class for LTE Band 41 and NR Band n41 (UID-920068) LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest 323

5.3.39.1 TS 38.521-1 323

5.3.39.1.1 Tx Requirements (Clause 6) 323

5.3.39.1.2 Rx Requirements (Clause 7) 325

5.3.39.1.3 Clauses 1-5, Annexes 325

5.3.39.2 TS 38.521-3 325

5.3.39.2.1 Tx Requirements (Clause 6) 325

5.3.39.2.2 Rx Requirements (Clause 7) 325

5.3.39.2.3 Clauses 1-5, Annexes 325

5.3.39.3 TS 38.522 325

5.3.39.4 Discussion Papers, Work Plan, TC lists 325

5.4 Routine Maintenance for 5G NR only TEIx\_Test 325

5.4.1 TS 38.508-2 325

5.4.2 TS 38.521-3 325

5.5 Routine Maintenance for LTE only TEIx\_Test 325

5.5.1 LTE RF 325

5.5.1.1 TS 36.508 325

5.5.1.2 TS 36.509 326

5.5.1.3 TS 36.521-1 326

5.5.1.3.1 Tx Requirements (Clause 6) 326

5.5.1.3.2 Rx Requirements (Clause 7) 328

5.5.1.3.3 Clauses 1-5, 8-10, Annexes 328

5.5.1.4 TS 36.521-2 328

5.5.1.5 TS 36.521-3 328

5.5.1.6 RRM Test & Radio Reception Test Tolerances 329

5.5.1.6.1 TR 36.903 (E-UTRAN RRM TT analyses) 329

5.5.1.6.2 TR 36.904 (E-UTRAN Radio Reception TT analyses) 329

5.5.1.6.3 TR 36.905 (E-UTRAN Test Points Radio Transmission and Reception ) 329

5.5.1.7 TS 34.121-1 329

5.5.1.8 TS 34.121-2 329

5.5.1.9 TS 34.122 329

5.5.1.10 TS 34.108 329

5.5.1.11 TR 34.902 (UTRAN RRM Test Tolerance analyses) 329

5.5.1.12 Discussion Papers, Work Plan, TC lists 329

5.6 Other Routine Maintenance TEIx\_Test 329

5.6.1 TS 34.108 329

5.6.2 TS 34.121-1 All sections other than annexes 329

5.6.3 TS 34.121-1 Annexes only 329

5.6.4 TS 34.121-2 329

5.6.5 TS 34.122 329

5.6.6 TS 34.171 329

5.6.7 TS 34.172 329

5.6.8 TS 34.114 329

5.6.9 TS 37.571-1 329

5.6.10 TS 37.571-3 330

5.6.11 TS 37.571-5 330

5.6.12 TS 51.010-1 (RF/Performance) 331

5.6.13 TS 51.010-2 (RF/Performance) 331

5.6.14 TS 51.010-7 (RF/Performance) 331

5.6.15 TS 37.544 331

5.6.16 TR 37.901 332

5.6.17 Discussion Papers, Work Plan, TC lists 332

5.7 Outgoing liaison statements for provisional approval 332

5.8 AOB 332

6 Signalling Protocol Functional Area 332

6.1 Review action points (fm A.I. 2.1) 332

6.2 Review incoming LS (fm A.I. 3) & new subject discussion papers 332

6.3 Open Work Items 332

6.3.1 Rel-14 LTE CA configurations (UID - 720098) LTE\_CA\_R14-UEConTest 332

6.3.1.1 TS 36.508 332

6.3.1.2 TS 36.523-1 332

6.3.1.3 TS 36.523-2 332

6.3.1.4 TS 36.523-3 332

6.3.1.5 Discussion Papers, Work Plan, TC lists 332

6.3.2 5G system with NR and LTE (UID - 760087) 5GS\_NR\_LTE-UEConTest 332

6.3.2.1 TS 38.508-1 332

6.3.2.1.1 Generic Procedures and Test Procedures (Clauses 4.5, 4.5A & 4.9) 332

6.3.2.1.2 Default NG-RAN RRC messages and IEs (Clause 4.6) 334

6.3.2.1.3 Default 5GC NAS messages and IEs (Clause 4.7) 335

6.3.2.1.4 Test environment for SIG (Clause 6) 337

6.3.2.1.5 Other clauses, Annexes 338

6.3.2.2 TS 38.508-2 339

6.3.2.3 TS 38.509 340

6.3.2.4 TS 38.523-1 340

6.3.2.4.1 Clauses 1 - 5 340

6.3.2.4.2 Idle Mode (Clause 6) 340

6.3.2.4.3 Layer 2 343

6.3.2.4.3.1 NR Layer 2 343

6.3.2.4.3.1.1 Common Test Case Specific Values for Layer 2 (Clause 7.1.0) 343

6.3.2.4.3.1.2 MAC 343

6.3.2.4.3.1.3 RLC 347

6.3.2.4.3.1.4 PDCP 347

6.3.2.4.3.1.5 SDAP 348

6.3.2.4.4 RRC 349

6.3.2.4.4.1 NR RRC 349

6.3.2.4.4.2 MR-DC RRC 349

6.3.2.4.4.1.1 RRC Connection Management Procedures (clause 8.1.1) 349

6.3.2.4.4.2.1 RRC UE Capability / Others (clause 8.2.1) 351

6.3.2.4.4.1.2 RRC Reconfiguration (clause 8.1.2) 351

6.3.2.4.4.1.3 RRC Measurement Configuration Control and Reporting (clause 8.1.3) 352

6.3.2.4.4.2.2 RRC Radio Bearer (clause 8.2.2) 352

6.3.2.4.4.1.3 RRC Measurement Configuration Control and Reporting (clause 8.1.3) 353

6.3.2.4.4.2.2 RRC Radio Bearer (clause 8.2.2) 353

6.3.2.4.4.1.3 RRC Measurement Configuration Control and Reporting (clause 8.1.3) 353

6.3.2.4.4.1.4 RRC Handover (clause 8.1.4) 354

6.3.2.4.4.2.3 RRC Measurement / Handovers (clause 8.2.3) 355

6.3.2.4.4.1.4 RRC Handover (clause 8.1.4) 355

6.3.2.4.4.2.4 RRC Carrier Aggregation (clause 8.2.4) 356

6.3.2.4.4.1.5 RRC Others (clause 8.1.5) 356

6.3.2.4.4.2.5 RRC Reconfiguration / Radio Link Failure (clause 8.2.5) 357

6.3.2.4.4.2.6 RRC Others (clause 8.2.6) 358

6.3.2.4.5 5GS Mobility Management 358

6.3.2.4.5.1 MM Primary authentication and key agreement (clause 9.1.1) 358

6.3.2.4.5.2 MM Security mode control, Identification & Generic UE configuration update (clauses 9.1.2, 9.1.3 & 9.1.4) 358

6.3.2.4.5.3 MM Registration & De-registration (clauses 9.1.5 & 9.1.6) 358

6.3.2.4.5.4 MM Service Request (clause 9.1.7) 359

6.3.2.4.5.5 MM SMS Over NAS (clause 9.1.8) 359

6.3.2.4.5.6 Inter-system Mobility (clause 9.3) 359

6.3.2.4.6 5GS Session Management 360

6.3.2.4.6.1 SM PDU session authentication and authorization (clause 10.1.1) 360

6.3.2.4.6.2 SM Network-requested PDU session modification & release (clauses 10.1.2 & 10.1.3) 360

6.3.2.4.6.3 SM UE-requested PDU session establishment, modification & release (clauses 10.1.4, 10.1.5 & 10.1.6) 360

6.3.2.4.7 EN-DC Session Management 360

6.3.2.4.8 5GS Multilayer and Services 360

6.3.2.4.8.1 EPS Fallback 360

6.3.2.4.8.2 5G-SRVCC 362

6.3.2.4.8.3 Unified Access Control (UAC) 362

6.3.2.4.8.4 Emergency Services 365

6.3.2.5 TS 38.523-2 369

6.3.2.6 TS 38.523-3 370

6.3.2.7 TS 34.229-1 370

6.3.2.8 TS 34.229-2 371

6.3.2.9 TS 34.229-3 373

6.3.2.10 TS 34.229-5 373

6.3.2.11 TS 36.508 391

6.3.2.12 TS 36.509 391

6.3.2.13 TS 36.523-1 391

6.3.2.14 TS 36.523-2 391

6.3.2.15 TS 36.523-3 391

6.3.2.16 TS 37.571-2 391

6.3.2.17 TS 37.571-3 391

6.3.2.18 TS 37.571-4 391

6.3.2.19 TS 37.571-5 391

6.3.2.20 Discussion Papers, Work Plan, TC lists 391

6.3.3 Rel-15 CA configurations (UID - 770064) LTE\_CA\_R15-UEConTest 393

6.3.3.1 TS 36.508 393

6.3.3.2 TS 36.523-1 393

6.3.3.3 TS 36.523-2 393

6.3.3.4 TS 36.523-3 393

6.3.3.5 Discussion Papers, Work Plan, TC lists 393

6.3.4 Rel-16 LTE CA configurations (UID - 810061) LTE\_CA\_R16-UEConTest 393

6.3.4.1 TS 36.508 393

6.3.4.2 TS 36.523-1 393

6.3.4.3 TS 36.523-2 393

6.3.4.4 TS 36.523-3 393

6.3.4.5 Discussion Papers, Work Plan, TC lists 393

6.3.5 Enhancing LTE CA Utilization (UID - 820066) LTE\_euCA-UEConTest 393

6.3.5.1 TS 36.508 393

6.3.5.2 TS 36.523-1 393

6.3.5.3 TS 36.523-2 393

6.3.5.4 Discussion Papers, Work Plan, TC lists 393

6.3.6 REL-16 NR CA and DC; and NR and LTE DC Configurations (UID-830083) NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest 393

6.3.6.1 TS 38.508-1 393

6.3.6.2 TS 38.508-2 394

6.3.6.3 TS 38.523-1 394

6.3.6.4 TS 38.523-2 394

6.3.6.5 TS 38.523-3 394

6.3.6.6 Discussion Papers, Work Plan, TC lists 394

6.3.7 New Rel-16 NR bands and extension of existing NR bands (UID - 850062) NR\_bands\_BW\_R16-UEConTest 394

6.3.7.1 TS 38.508-1 394

6.3.7.2 TS 38.508-2 395

6.3.7.3 TS 38.523-3 395

6.3.7.4 Discussion Papers, Work Plan, TC lists 395

6.3.8 Further NB-IoT enhancements (UID – 860031) NB\_IOTenh2-UEConTest 395

6.3.8.1 TS 36.508 395

6.3.8.2 TS 36.509 395

6.3.8.3 TS 36.523-1 395

6.3.8.4 TS 36.523-2 398

6.3.8.5 TS 36.523-3 399

6.3.8.6 Discussion Papers, Work Plan, TC lists 399

6.3.9 Even further enhanced MTC for LTE (UID – 860032) LTE\_eMTC4-UEConTest 399

6.3.9.1 TS 36.508 399

6.3.9.2 TS 36.509 399

6.3.9.3 TS 36.523-1 399

6.3.9.4 TS 36.523-2 400

6.3.9.5 TS 36.523-3 400

6.3.9.6 Discussion Papers, Work Plan, TC lists 400

6.3.10 RF requirements for NR frequency range 1 (FR1) (UID-870061) NR\_RF\_FR1-UEConTest 400

6.3.10.1 TS 38.508-1 400

6.3.10.2 TS 38.508-2 400

6.3.10.3 TS 38.523-1 400

6.3.10.4 TS 38.523-2 400

6.3.10.5 TS 38.523-3 400

6.3.10.6 Discussion Papers, Work Plan, TC lists 400

6.3.11 Even Further Mobility Enhancement for E-UTRAN (UID – 880066) LTE\_feMob-UEConTest 400

6.3.11.1 TS 36.508 400

6.3.11.2 TS 36.523-1 400

6.3.11.3 TS 36.523-2 403

6.3.11.4 TS 36.523-3 404

6.3.11.5 Discussion Papers, Work Plan, TC lists 404

6.3.12 Support of NR Industrial Internet of Things (IoT) (UID-880067) NR\_IioT-UEConTest 404

6.3.12.1 TS 38.508-1 404

6.3.12.2 TS 38.508-2 404

6.3.12.3 TS 38.523-1 405

6.3.12.4 TS 38.523-2 406

6.3.12.5 TS 38.523-3 406

6.3.12.6 TS 36.508 406

6.3.12.7 TS 36.523-1 406

6.3.12.8 TS 36.523-2 406

6.3.12.9 TS 36.523-3 406

6.3.12.10 Discussion Papers, Work Plan, TC lists 406

6.3.13 NR Mobility Enhancements (UID-880068) NR\_Mob\_enh-UEConTest 406

6.3.13.1 TS 38.508-1 406

6.3.13.2 TS 38.508-2 406

6.3.13.3 TS 38.523-1 407

6.3.13.4 TS 38.523-2 408

6.3.13.5 TS 38.523-3 409

6.3.13.6 Discussion Papers, Work Plan, TC lists 409

6.3.14 5G V2X with NR sidelink (UID-880069) 5G\_V2X\_NRSL\_eV2XARC-UEConTest 409

6.3.14.1 TS 38.508-1 409

6.3.14.2 TS 38.508-2 412

6.3.14.3 TS 38.509 413

6.3.14.4 TS 38.523-1 413

6.3.14.5 TS 38.523-2 413

6.3.14.6 TS 38.523-3 413

6.3.14.7 TS 36.509 413

6.3.14.8 Discussion Papers, Work Plan, TC lists 413

6.3.15 Enhancements on MIMO for NR (UID-880070) NR\_eMIMO-UEConTest 413

6.3.15.1 TS 38.508-1 413

6.3.15.2 TS 38.508-2 413

6.3.15.3 TS 38.523-1 413

6.3.15.4 TS 38.523-2 413

6.3.15.5 TS 38.523-3 413

6.3.15.6 Discussion Papers, Work Plan, TC lists 413

6.3.16 UE Power Saving in NR (UID-880071) NR\_UE\_pow\_sav-UEConTest 413

6.3.16.1 TS 38.508-1 413

6.3.16.2 TS 38.508-2 413

6.3.16.3 TS 38.509 414

6.3.16.4 TS 38.523-1 414

6.3.16.5 TS 38.523-2 414

6.3.16.6 TS 38.523-3 414

6.3.16.7 Discussion Papers, Work Plan, TC lists 414

6.3.17 Private Network Support for NG-RAN (UID-880072) NG\_RAN\_PRN\_Vertical\_LAN-UEConTest 414

6.3.17.1 TS 38.508-1 414

6.3.17.2 TS 38.508-2 415

6.3.17.3 TS 38.523-1 415

6.3.17.4 TS 38.523-2 417

6.3.17.5 TS 38.523-3 417

6.3.17.6 Discussion Papers, Work Plan, TC lists 417

6.3.18 Optimisations on UE radio capability signalling – NR/E-UTRA Aspects (UID-880073) RACS-UEConTest 417

6.3.18.1 TS 38.508-1 417

6.3.18.2 TS 38.508-2 417

6.3.18.3 TS 38.509 417

6.3.18.4 TS 38.523-1 418

6.3.18.5 TS 38.523-2 419

6.3.18.6 TS 38.523-3 419

6.3.18.7 TS 36.508 419

6.3.18.8 TS 36.509 420

6.3.18.9 TS 36.523-1 420

6.3.18.10 TS 36.523-2 420

6.3.18.11 TS 36.523-3 421

6.3.18.12 Discussion Papers, Work Plan, TC lists 421

6.3.19 Enhancements for Mission Critical Services MCPTT, MCData and MCVideo (UID – 890042) MCenhUEConTest 421

6.3.19.1 TS 36.579-1 421

6.3.19.2 TS 36.579-2 421

6.3.19.3 TS 36.579-3 422

6.3.19.4 TS 36.579-4 422

6.3.19.5 TS 36.579-5 422

6.3.19.6 TS 36.579-6 422

6.3.19.7 TS 36.579-7 422

6.3.19.8 Discussion Papers, Work Plan, TC lists 422

6.3.20 SON (Self-Organising Networks) and MDT (Minimization of Drive Tests) support for NR (UID-890043) NR\_SON\_MDT-UEConTest 422

6.3.20.1 TS 38.508-1 422

6.3.20.2 TS 38.508-2 423

6.3.20.3 TS 38.509 423

6.3.20.4 TS 38.523-1 423

6.3.20.5 TS 38.523-2 437

6.3.20.6 TS 38.523-3 438

6.3.20.7 Discussion Papers, Work Plan, TC lists 438

6.3.21 B1C Signal in BDS Positioning System Support for LTE and NR (UID-890045) B1C\_BDS\_pos\_UEConTest 438

6.3.21.1 TS 37.571-2 438

6.3.21.2 TS 37.571-3 438

6.3.21.3 TS 37.571-4 438

6.3.21.4 TS 37.571-5 438

6.3.21.5 Discussion Papers, Work Plan, TC lists 438

6.3.22 Single Radio Voice Call Continuity from 5G to 3G (UID-890046) SRVCC\_NR\_to\_UMTS-UEConTest 438

6.3.22.1 TS 38.508-1 438

6.3.22.2 TS 38.508-2 438

6.3.22.3 TS 38.523-1 438

6.3.22.4 TS 38.523-2 438

6.3.22.5 TS 38.523-3 438

6.3.22.6 Discussion Papers, Work Plan, TC lists 439

6.3.23 Additional LTE bands for UE category M1 and/or NB1 in Rel-16 (UID – 900052) LTE\_bands\_R16\_M1\_NB1-UEConTest 439

6.3.23.1 TS 36.508 439

6.3.23.2 TS 36.523-2 439

6.3.23.3 TS 36.523-3 439

6.3.23.4 Discussion Papers, Work Plan, TC lists 439

6.3.24 Additional LTE bands for UE category M2 and/or NB2 in Rel-16 (UID – 900053) LTE\_bands\_R16\_M2\_NB2-UEConTest 439

6.3.24.1 TS 36.508 439

6.3.24.2 TS 36.523-2 439

6.3.24.3 TS 36.523-3 439

6.3.24.4 Discussion Papers, Work Plan, TC lists 439

6.3.25 Physical Layer Enhancements for NR Ultra-Reliable and Low Latency Communication (URLLC) (UID-900054) NR\_L1enh\_URLLC-UEConTest 439

6.3.25.1 TS 38.508-1 439

6.3.25.2 TS 38.508-2 439

6.3.25.3 TS 38.523-1 439

6.3.25.4 TS 38.523-2 441

6.3.25.5 TS 38.523-3 441

6.3.25.6 Discussion Papers, Work Plan, TC lists 441

6.3.26 New Rel-17 NR licensed bands and extension of existing NR bands (UID - 900055) NR\_lic\_bands\_BW\_R17-UEConTest 441

6.3.26.1 TS 38.508-1 441

6.3.26.2 TS 38.508-2 442

6.3.26.3 TS 38.523-3 442

6.3.26.4 Discussion Papers, Work Plan, TC lists 443

6.3.27 Rel-17 NR CA and DC; and NR and LTE DC Configurations (UID-900056) NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest 443

6.3.27.1 TS 38.508-1 443

6.3.27.2 TS 38.508-2 443

6.3.27.3 TS 38.523-1 443

6.3.27.4 TS 38.523-2 443

6.3.27.5 TS 38.523-3 443

6.3.27.6 Discussion Papers, Work Plan, TC lists 443

6.3.28 NR Positioning Support (UID-900057) NR\_pos-UEConTest 443

6.3.28.1 TS 38.508-1 443

6.3.28.2 TS 38.508-2 443

6.3.28.3 TS 37.571-2 443

6.3.28.4 TS 37.571-3 444

6.3.28.5 TS 37.571-4 445

6.3.28.6 TS 37.571-5 445

6.3.28.7 Discussion Papers, Work Plan, TC lists 445

6.3.29 Enhancement of Network Slicing (UID-910099) eNS-UEConTest 445

6.3.29.1 TS 38.508-1 445

6.3.29.2 TS 38.508-2 445

6.3.29.3 TS 38.509 445

6.3.29.4 TS 38.523-1 445

6.3.29.5 TS 38.523-2 446

6.3.29.6 TS 38.523-3 446

6.3.29.7 Discussion Papers, Work Plan, TC lists 446

6.3.30 2-step RACH for NR (UID-911001) NR\_2step\_RACH-UEConTest 446

6.3.30.1 TS 38.508-1 446

6.3.30.2 TS 38.508-2 446

6.3.30.3 TS 38.523-1 446

6.3.30.4 TS 38.523-2 447

6.3.30.5 TS 38.523-3 447

6.3.30.6 Discussion Papers, Work Plan, TC lists 447

6.3.31 Support of eCall over IMS for NR (UID-911002) NR\_EIEI-UEConTest 447

6.3.31.1 TS 38.508-1 447

6.3.31.2 TS 38.508-2 449

6.3.31.3 TS 38.523-1 449

6.3.31.4 TS 38.523-2 449

6.3.31.5 TS 38.523-3 449

6.3.31.6 TS 34.229-1 449

6.3.31.7 TS 34.229-2 449

6.3.31.8 TS 34.229-3 449

6.3.31.9 TS 34.229-5 449

6.3.31.10 Discussion Papers, Work Plan, TC lists 451

6.3.32 NR-based access to unlicensed spectrum (UID-911003) NR\_unlic-UEConTest 451

6.3.32.1 TS 38.508-1 451

6.3.32.2 TS 38.508-2 451

6.3.32.3 TS 38.509 451

6.3.32.4 TS 38.523-1 451

6.3.32.5 TS 38.523-2 451

6.3.32.6 TS 38.523-3 451

6.3.32.7 Discussion Papers, Work Plan, TC lists 451

6.3.33 LTE-NR & NR-NR Dual Connectivity and NR CA enhancements (UID-911004) LTE\_NR\_DC\_CA\_enh-UEConTest 451

6.3.33.1 TS 38.508-1 451

6.3.33.2 TS 38.508-2 451

6.3.33.3 TS 38.523-1 451

6.3.33.4 TS 38.523-2 452

6.3.33.5 TS 38.523-3 453

6.3.33.6 Discussion Papers, Work Plan, TC lists 453

6.3.34 Modification of LTE Band 24 Specifications to comply with updated regulatory emission limit) (UID-920067) LTE\_B24\_mod-UEConTest 453

6.3.34.1 TS 36.508 453

6.3.34.2 TS 36.523-2 454

6.3.34.3 TS 36.523-3 454

6.3.34.4 Discussion Papers, Work Plan, TC lists 454

6.3.35 29 dBm UE Power Class for LTE Band 41 and NR Band n41 (UID-920068) LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest 454

6.3.35.1 TS 38.523-1 454

6.3.35.2 TS 38.523-2 454

6.3.35.3 Discussion Papers, Work Plan, TC lists 454

6.4 Routine Maintenance for TS 38 Series TEIx\_Test 454

6.4.1 TS 38.508-1 454

6.4.2 TS 38.508-2 455

6.4.3 TS 38.509 455

6.4.4 TS 38.523-1 455

6.4.4.1 Clauses 1 - 5 455

6.4.4.2 Idle Mode (Clause 6) 455

6.4.4.3 Layer 2 455

6.4.4.3.1 NR Layer 2 455

6.4.4.3.1.1 Common Test Case Specific Values for Layer 2 (Clause 7.1.0) 455

6.4.4.3.1.2 MAC 455

6.4.4.3.1.3 RLC 455

6.4.4.3.1.4 PDCP 455

6.4.4.3.1.5 SDAP 455

6.4.4.4 RRC 455

6.4.4.4.1 NR RRC 455

6.4.4.4.1.1 RRC Connection Management Procedures (clause 8.1.1) 455

6.4.4.4.1.2 RRC Reconfiguration (clause 8.1.2) 455

6.4.4.4.1.3 RRC Measurement Configuration Control and Reporting (clause 8.1.3) 455

6.4.4.4.1.4 RRC Handover (clause 8.1.4) 455

6.4.4.4.1.5 RRC Others (clause 8.1.5) 455

6.4.4.4.2 MR-DC RRC 455

6.4.4.4.2.1 RRC UE Capability / Others (clause 8.2.1) 455

6.4.4.4.2.2 RRC Radio Bearer (clause 8.2.2) 455

6.4.4.4.2.3 RRC Measurement / Handovers (clause 8.2.3) 455

6.4.4.4.2.4 RRC Carrier Aggregation (clause 8.2.4) 455

6.4.4.4.2.5 RRC Reconfiguration / Radio Link Failure (clause 8.2.5) 455

6.4.4.4.2.6 RRC Others (clause 8.2.6) 455

6.4.4.5 5GS Mobility Management 455

6.4.4.5.1 MM Primary authentication and key agreement (clause 9.1.1) 456

6.4.4.5.2 MM Security mode control, Identification & Generic UE configuration update (clauses 9.1.2, 9.1.3 & 9.1.4) 456

6.4.4.5.3 MM Registration & De-registration (clauses 9.1.5 & 9.1.6) 456

6.4.4.5.4 MM Service Request (clause 9.1.7) 456

6.4.4.5.5 MM SMS Over NAS (clause 9.1.8) 456

6.4.4.6 5GS Non-3GPP Access Mobility Management (clause 9.2) 456

6.4.4.7 5GS Inter-system Mobility (clause 9.3) 456

6.4.4.8 5GS Session Management 456

6.4.4.8.1 SM PDU session authentication and authorization (clause 10.1.1) 456

6.4.4.8.2 SM Network-requested PDU session modification & release (clauses 10.1.2 & 10.1.3) 456

6.4.4.8.3 SM UE-requested PDU session establishment, modification & release (clauses 10.1.4, 10.1.5 & 10.1.6) 456

6.4.4.9 EN-DC Session Management (clause 10.2) 456

6.4.4.10 5GS Non-3GPP Access Session Management (clause 10.3) 456

6.4.4.11 5GS Multilayer and Services 456

6.4.4.11.1 EPS Fallback 456

6.4.4.11.2 RAT Fallback 456

6.4.4.11.3 Unified Access Control (UAC) 456

6.4.4.11.4 Emergency Services 456

6.4.5 TS 38.523-2 456

6.4.6 TS 38.523-3 456

6.4.7 Discussion Papers, Work Plan, TC lists 456

6.5 Routine Maintenance for TS 36 Series TEIx\_Test 457

6.5.1 Routine Maintenance for TS 36.508 457

6.5.2 Routine Maintenance for TS 36.509 457

6.5.3 Routine Maintenance for TS 36.523-1 457

6.5.3.1 Idle Mode 457

6.5.3.2 Layer 2 458

6.5.3.2.1 MAC 458

6.5.3.2.2 RLC 458

6.5.3.2.3 PDCP 458

6.5.3.3 RRC 458

6.5.3.3.1 RRC Part 1 (clauses 8.1 and 8.5) 458

6.5.3.3.2 RRC Part 2 (clause 8.2), 458

6.5.3.3.3 RRC Part 3 (clause 8.3) 458

6.5.3.3.4 Inter-RAT (clauses 8.4 & 8.4A) 458

6.5.3.3.5 RRC LTE MDT (clause 8.6) 458

6.5.3.3.6 RRC ANR for UTRAN (clause 8.7) 459

6.5.3.4 EPS Mobility Management 459

6.5.3.5 EPS Session Management 459

6.5.3.6 General Tests 459

6.5.3.7 Interoperability Radio Bearers 459

6.5.3.8 Multilayer Procedures 459

6.5.3.9 PWS - ETWS, CMAS 459

6.5.3.10 Non-3GPP 459

6.5.3.11 Others (TS 36.523-1 clauses not covered by other AIs under AI 6.5.3, e.g. eMBMS, Home (e)NB, MBMS in LTE, D2D, SC-PTM, NB-IoT, CIoT...) 459

6.5.4 Routine Maintenance for TS 36.523-2 459

6.5.5 Routine Maintenance for TS 36.523-3 460

6.5.6 Discussion Papers, Work Plan, TC lists 460

6.6 Other Maintenance TEIx\_Test 461

6.6.1 Routine Maintenance for TDD (HCR & LCR) 461

6.6.1.1 TS 34.108 461

6.6.1.2 TS 34.123-1 461

6.6.1.3 TS 34.123-2 461

6.6.1.4 TS 34.123-3 461

6.6.1.5 Discussion Papers, Work Plan, TC list & CR summary 461

6.6.2 Routine Maintenance for TS 34.108 461

6.6.3 Routine Maintenance for TS 34.109 461

6.6.4 Routine Maintenance for TS 34.123 461

6.6.4.1 TS 34.123-1 461

6.6.4.2 TS 34.123-2 461

6.6.4.3 TS 34.123-3 461

6.6.5 Discussion Papers, Work Plan, TC lists 461

6.6.6 Routine Maintenance for TS 34.229 461

6.6.6.1 TS 34.229-1 461

6.6.6.2 TS 34.229-2 463

6.6.6.3 TS 34.229-3 464

6.6.6.4 TS 34.229-4 464

6.6.6.5 Discussion Papers, Work Plan, TC lists 464

6.6.7 Routine Maintenance for TS 37.571 464

6.6.7.1 TS 37.571-2 464

6.6.7.2 TS 37.571-3 465

6.6.7.3 TS 37.571-4 465

6.6.7.4 TS 37.571-5 466

6.6.7.5 Discussion Papers, Work Plan, TC lists 466

6.6.8 Routine Maintenance for TS 51.010 466

6.6.8.1 TS 51.010-1 (Signalling) 466

6.6.8.2 TS 51.010-2 (Signalling) 466

6.6.8.3 TS 51.010-5 (Signalling) 467

6.6.8.4 TS 51.010-7 (Signalling) 467

6.6.8.5 Discussion Papers, Work Plan, TC list & CR summary 467

6.6.9 Routine Maintenance for TS 36.579 467

6.6.9.1 TS 36.579-1 467

6.6.9.2 TS 36.579-2 476

6.6.9.3 TS 36.579-3 482

6.6.9.4 TS 36.579-4 482

6.6.9.5 TS 36.579-5 482

6.6.9.6 TS 36.579-6 483

6.6.9.7 TS 36.579-7 486

6.6.9.8 Other Specs 486

6.6.9.9 Discussion Papers, Work Plan, TC lists 486

6.7 Outgoing liaison statements for provisional approval 486

6.8 AOB 487

7 Closing Joint Session 487

7.1 Pointer CRs 487

7.2 Open Issues 487

7.2.1 RF group docs still requiring WG verdict/confirmation - original A.I. retained 487

7.2.2 Sig group docs still requiring WG verdict/confirmation - original A.I. retained 488

7.2.3 Other open issues from joint sessions - original A.I. retained 489

7.2.4 Study on 5G NR UE full stack testing for Network Slicing - original A.I. retained 489

7.2.5 Other 489

7.3 iWD/PRD Updates 489

7.4 Work Items/ Study Items 490

7.4.1 Final version of Work Item Proposals 490

7.4.2 Active Work Items/ Study Item: work plans (wp), status reports (sr), Work Item Descriptions (wid) 491

7.4.3 Work Plan updates of recently closed work items 503

7.5 Docs still needing agreement/endorsement/approval (e.g. Outgoing LS, Reports, New Specs, Info for certification bodies etc.) 503

7.6 Confirmation of Future RAN5 Matters 508

7.7 AOB 509

Annex A: Contribution documents and status 510

A1: List of TDocs 510

Annex B: List of change requests 567

Annex C: Lists of liaisons 623

C1: Incoming liaison statements 623

C2: Outgoing liaison statements 623

Annex D: List of agreed/approved new and revised Work Items 625

Annex E: List of draft Technical Specifications and Reports 626

Annex F: List of action items 627

SIG: 627

Action Points at RAN5#92-e 627

Action Points at RAN5#91-e 627

RF: 627

Action Points at RAN5#92-e 627

Action Points at RAN5#91-e 628

Action Points at RAN5#90-e 629

Action Points at RAN5#89-e 630

Action Points at RAN5#88-e 630

Action Points at RAN5#87-e 631

Action Points at RAN5#84 Ljubljana 631

Annex G: List of decisions 632

Annex H: List of participants 633

Annex I: List of future meetings 639

## 1 Opening of the meeting

**R5-214150 Agenda - opening session**

*Type: agenda For: Information  
 Source: WG Chairman*

**Discussion:**

RAN Chair recommended to add: “Statement on FCC Spectrum Auction

The FCC’s quiet period for Auction 110 (the 3.45 GHz spectrum) is currently in effect. Accordingly, no discussions or questions relating to the auction, bids, bidding strategy, or post-auction market structure will be invited or permitted today or at any time until the quiet period has ended.”

**Decision:** The document was **revised to R5-215676**.

**R5-215676 Agenda - opening session**

*Type: agenda For: Information  
 Source: WG Chairman*

(Replaces R5-214150)

**Decision:** The document was **approved**.

**R5-214151 RAN5#92-e E-Meeting Timelines, Scope, Process**

*Type: agenda For: Information  
 Source: WG Chairman*

**Discussion:**

RAN5#92-e Electronic Meeting has full decision power.

Reminder for IPR declaration

The RAN5 Chair drew the attention to the delegates' obligations under the 3GPP Partner Organizations’ IPR policies. Every Individual Member organization is obliged to declare to the Partner Organization or Organizations of which it is a member any IPR owned by the Individual Member or any other organization which is or is likely to become essential to the work of 3GPP.

Delegates are asked to take note that they are thereby invited:

• to investigate whether their organization or any other organization owns IPRs which were, or were likely to become Essential in respect of the work of 3GPP.

• to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Information Statement and the Licensing declaration forms (e.g. see the ETSI IPR forms http://webapp.etsi.org/Ipr/).

Antitrust Guidance

The RAN5 Chair drew the delegates' attention to the fact that 3GPP activities are subject to all applicable antitrust and competition laws and that compliance with said laws is therefore required of any participant of this TSG/WG meeting including the Chairman and Vice Chairman. In case of question it is recommended that you contact your legal counsel.

The leadership shall conduct the present meeting with impartiality and in the interests of 3GPP.

Furthermore, the timely submission of work items in advance of TSG/WG meetings is important to allow for full and fair consideration of such matters.”

http://www.3gpp.org/about-3gpp/legal-matters/21-3gpp-calendar/1616-statement-of-antitrust-compliance

**Decision:** The document was **endorsed**.

## 2 Reports

### 2.1 Live Reports

**R5-214152 RAN5 Leadership Team**

*Type: other For: Information  
 Source: WG Chairman*

**Decision:** The document was **noted**.

**R5-214153 RAN5#91-e WG Minutes**

*Type: report For: Approval  
 Source: ETSI Secretariat*

**Decision:** The document was **approved**.

**R5-214154 RAN5#91-e WG Action Points**

*Type: report For: Information  
 Source: ETSI Secretariat*

**Discussion:**

AT&T suggested to add a joint AP.

**Decision:** The document was **noted**.

**R5-214155 Latest RAN Plenary notes**

*Type: report For: Information  
 Source: WG Chairman*

**Discussion:**

old paragraph from RAN5#91-e.

**Decision:** The document was **revised to R5-215672**.

**R5-215672 Latest RAN Plenary notes**

*Type: report For: Information  
 Source: WG Chairman*

(Replaces R5-214155)

**Decision:** The document was **noted**.

**R5-214156 Latest RAN Plenary draft Report**

*Type: report For: Information  
 Source: WG Chairman*

**Decision:** The document was **noted**.

**R5-214157 Post Plenary Active Work Item update**

*Type: other For: Information  
 Source: ETSI Secretariat*

**Decision:** The document was **noted**.

**R5-214612 MCC TF160 Status Report**

*Type: report For: Approval  
 Source: MCC TF160*

**Abstract:**

Completed:

5GS Rel-15: EN-DC NR CA, NR/5GC Inter-RAT

5GS Rel-16: Voice fallback indication

IMS over NR/5GC: Registration

Started:

LTE Rel-15: efeMTC

5GS Rel-16: RACS, SON/MDT

Progressed:

5GS Rel-15: EN-DC single carrier, NR/5GC single carrier, NR/5GC NR-DC

IMS over NR/5GC: Call Control, Supplementary Services

NB-IoT Rel-15: Wake-Up Signal, UM RLC

POS: B1C signal in A-BDS

MCPTT: On-network group call, On-network private call

New Test Models – 5G:

Endorsed test model for NR/UTRA Inter-RAT, needed for 5G to 3G SRVCC.

Endorsed TTCN test sequences for NR DAPS Handover.

Discussed initial aspects for 5G V2X test modelling.

Prose CRs to TS 38.523-3 proposed at RAN5#92-e for the above.

Others:

IMS:

Endorsed SIP and SDP type definition updates, as required by IMSo5G and MCX test cases.

MCX:

Endorsed various test model enhancements for MCPTT on-network test cases.

Prose CR to TS 36.579-5 proposed at RAN5#92-e for the above.

Status of TTCN funding in 2021:

2021 workload is estimated at 103 man.months (mm), see previous slides.

PCG#45/OP#44 approved the 3GPP funding of 58 mm for 2021 TTCN tasks.

CTIA/PTCRB and GCF have agreed to continue TF160 financial support in 2021.

3GPP companies / 3GPP MRPs committed to provide 19 mm as voluntary contributions for 2021 TTCN development.

Total resources of 103 mm  no estimated funding gap.

Preparing for 2022 TTCN Work:

Course of action to secure funding for TF160 work in 2022:

Prior to RAN5#92-e meeting (August), a request to identify the potential TTCN development tasks in 2022 has been made to 3GPP members.

At RAN5#92-e, a provisional ‘TTCN Tasks List’ shall be endorsed by RAN5.

The TTCN Tasks List will be presented at RAN#93-e (Sept) for TSG RAN initial endorsement.

The RAN Chair will then present the List to 3GPP PCG/OP (Oct) in order to support TF160 request for the TTCN funding in 2022.

The finalized TTCN Tasks List will be reviewed and endorsed at RAN5#93-e (Nov) for TSG RAN approval at RAN#94-e (Dec).

2022 Funding: 2022 workload is estimated at 101 man.months (mm), see previous slides.

Funding will be requested to 3GPP PCG/OP.

Typically, only part of necessary funding provided by PCG/OP

example: 58 mm in 2021

Funding shall also be obtained through voluntary contributions from 3GPP companies and/or MRPs.

-> RAN / RAN5 member companies and 3GPP MRPs are respectfully asked to consider providing funding support for the TTCN tasks in 2022.

**Decision:** The document was **revised to R5-215683**.

### 2.2 General Reports for information

**R5-214158 RAN5 SR to RP#92-e**

*Type: report For: Information  
 Source: WG Chairman*

**Decision:** The document was **noted**.

**R5-214159 TF160 SR to RP#92-e**

*Type: report For: Information  
 Source: WG Chairman*

**Decision:** The document was **noted**.

**R5-214227 GCF 3GPP TCL after GCF CAG#67**

*Type: report For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-214229 3GPP RAN5 CA status list (pre-RAN5#92-e meeting)**

*Type: other For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

## 3 Incoming Liaison Statements

**R5-214164 Reply LS on 180 Ringing when preconditions are not used**

*Type: LS in For: Information  
 Original outgoing LS: C1-212906, to -, cc -  
 Source: TSG WG CT1*

**Discussion:**

moved to SIG.

**Decision:** The document was **noted**.

**R5-214165 LS reply on ""ICE support for establishing an MCPTT pre-established session""**

*Type: LS in For: Information  
 Original outgoing LS: C1-213546, to -, cc -  
 Source: TSG WG CT1*

**Abstract:**

CT1 thanks RAN5 for their LS on ICE support for establishing an MCPTT pre-established session.

CT1 notes that, while IETF RFC 5245 indicates that use of ICE is optional, 3GPP TS 24.379 mandates the use of ICE for an MCPTT pre-established session.

RAN5 has asked two questions:

a) May a participating MCPTT function leave out any ICE candidates in the SDP answer to indicate that support of ICE is not needed?

CT1 reply: No. The participating MCPTT function shall include all ICE candidates in the SDP answer.

b) May an MCPTT client – based on UE capability of UE configuration – indicate by leaving out any ICE candidates in the SDP offer, that it does not support ICE? Or – is support of ICE always mandatory for an MCPTT client at establishment of a pre-established session?

CT1 reply: The client is required to support ICE for establishment of a pre-established session, and thus the MCPTT client shall include all usable ICE candidates in the SDP offer.

2 Actions

To: RAN WG5: CT1 asks RAN5 to take the above information into consideration in your work.

**Discussion:**

36.579-1 CRs R5-214633 + R5-214639 address the outcome of this LS exchange.

**Decision:** The document was **noted**.

**R5-214166 LS reply on SDP attribute a=key-mgmt:mikey**

*Type: LS in For: Information  
 Original outgoing LS: C1-213548, to -, cc -  
 Source: TSG WG CT1*

**Abstract:**

CT1 thanks RAN5 for their LS on SDP attribute a=key-mgmt:mikey.

Regarding the questions asked:

RAN5: Can the key-mgmt attribute be a session level attribute or is it a media level attribute?

CT1: Whether the key-mgmt attribute is used at the session level or media level, all instances of the attribute need to specify the same PCK, since 3GPP TS 33.180 does not define how to establish an MCVideo session using different keys for video and the associated audio. A session level attribute applies to all m-lines. If the attribute is not intended to apply to all m-lines the normal solution is to use media level attributes.

RAN5: Should the same key-mgmt attribute be used for audio and video?

CT1: Yes. A single PCK should be used for both. 3GPP TS 33.180 does not define how to establish an MCVideo session using different keys for video and the associated audio.

RAN5: If the key-mgmt attribute is a session level attribute, how should media stream (floor control / pre-established call signaling...) be handled since the CSK should be used?

CT1: Since the key-mgmt attribute is applicable for the media streams which transport the video and associated audio media, SRTCP, which is derived depending on the interface, is used for the media streams that include the floor control, media control, and pre-established session call control messaging. Detailed information can be found in 3GPP TS 24.581 subclause 13 on media plane security.

2 Actions

To: RAN WG5: CT1 asks RAN5 to take the above information into consideration in your work.

**Discussion:**

36.579-1 CR R5-214639 addresses the outcome of this LS exchange.

**Decision:** The document was **noted**.

**R5-214167 Reply LS on confirming successful resource reservation**

*Type: LS in For: Information  
 Original outgoing LS: C1-213557, to -, cc -  
 Source: TSG WG CT1*

**Discussion:**

moved to SIG.

**Decision:** The document was **noted**.

**R5-214168 LS reply on integrity and confidentiality protection of xcap-diff and pidf documents in MCPTT (TS 24.379)**

*Type: LS in For: Information  
 Original outgoing LS: C1-213597, to -, cc -  
 Source: TSG WG CT1*

**Abstract:**

CT1 thanks RAN5 for their LS on integrity and confidentiality protection of xcap-diff and pidf documents in MCPTT (TS 24.379).

CT1 wishes to inform RAN5 that the xcap-diff and pidf documents were added to the list of protected documents in 3GPP TS 24.379 subclause 6.6.3.1 in C1-213068.

We also wish to note to RAN5 that similar changes were made to MCVideo in 3GPP TS 24.281 subclause 6.6.3.1 in C1-213595 and to MCData in 3GPP TS 24.282 subclause 6.5.3.1 in C1-213594.

2 Actions

To: RAN WG5: CT1 asks RAN5 to take the above information into consideration in your work.

**Discussion:**

This LS confirmed RAN5 working assumption.

**Decision:** The document was **noted**.

**R5-214169 LS on RAN4 recommendation for the 52.6 - 71 GHz frequency range designation**

*Type: LS in For: Information  
 Original outgoing LS: R4-2107879, to -, cc -  
 Source: TSG WG RAN4*

**Abstract:**

3GPP RAN WG4 would like to inform 3GPP TSG RAN on the progress of the discussion on 52.6 - 71 GHz frequency range designation.

During the discussion in NR\_ext\_to\_71GHz-Core work item, RAN WG4 was investigating various options for the 52.6 - 71 GHz frequency range designation, including such options as:

- Option 1: Introduce FR2-1 (24.25 – 52.6 GHz) and FR2-2 (52.6 – 71 GHz)

Within option 1, indicate on the preferred approach:

o “FR2-1 and FR2-2”, or

o “FR2.1 and FR2.2”

- Option 2: Introduce FR2-2 (52.6 – 71 GHz) in addition to FR2 (24.25 – 52.6 GHz)

- Option 3: Define FR3

- Option 4:

o All UE RF/demod requirements defined as function of band, BW, PC or band combo within FR2;

o BS requirements can be updated to cater for an extension of FR2 to include 52.6 – 71 GHz;

o All RRM requirements for higher SCS applicable for 52.6 – 71 GHz can be defined as function of SCS within FR2;

- Option 5:

o Keep FR2 definition as it is

o Introduce FR2x (52.6 – 71 GHz) and FR2-comb (24.25 – 71 GHz)

- Except option 3, all above proposals intend not to introduce FR3.

During the discussion on 52.6 - 71 GHz frequency range designation, pros and cons of the above options were analysed, including RAN4 specification impact considerations. Additionally, RAN5 decision on the introduction of FR2a / FR2b / FR2c terms for the MU and TT purposes was also recognized.

Based on the RAN WG4 discussion, the following is provided as recommendation to 3GPP TSG RAN:

1. To drop “FR3” terminology from consideration on the 52.6 - 71 GHz frequency range designation.

2. Terminology for BS operating in 52.6 - 71 GHz frequency range to be reused from TS 38.104 specification, i.e. BS type 2-O.

Furthermore, RAN WG4 would like to inform that the discussion on the terminology for the NR operation in 52.6 - 71 GHz frequency range will continue in RAN WG4, including pros and cons analyses of concepts based on Option A, Option B and Option C, as listed below:

- Option A:

o Introduce FR2-1 (or FR2.1) for 24.25 – 52.6 GHz, and FR2-2 (or FR2.2) for 52.6 – 71 GHz,

o The above two ranges to be introduced under the FR2 common range.

- Option B:

o All UE RF/demodulation requirements defined as function of band, BW, PC or band combo within FR2,

o BS requirements can be updated to cater for an extension of FR2 to include 52.6 – 71 GHz,

o All RRM requirements for higher SCS applicable for 52.6 – 71 GHz can be defined as function of SCS within FR2.

- Option C: in addition to reusing the existing FR2 for 24.25 – 52.6GHz:

o Introduce FR2-2 (or FR2x) for 52.6 – 71 GHz,

o Possibly introduce FR2-comb for 24.25 – 71 GHz.

2. Actions:

To 3GPP TSG RAN: 3GPP RAN WG4 kindly asks 3GPP TSG RAN to take the above recommendation into account.

**Decision:** The document was **noted**.

**R5-214170 Reply LS On minimum requirements for Transmit ON/OFF time mask in UL MIMO FR1**

*Type: LS in For: Information  
 Original outgoing LS: R4-2107904, to -, cc -  
 Source: TSG WG RAN4*

**Abstract:**

RAN4 thanks RAN5 for the LS on minimum requirements for Transmit ON/OFF time mask in UL MIMO FR1 and would like to give following clarification on the minimum requirements for transmit ON/OFF time mask for UL MIMO.

RAN4 confirms that in Rel-15 the clause 6.3D.3, i.e. transmit ON/OFF time mask requirements for UL MIMO are defined at each antenna connector. The per-connector OFF power is defined in 6.3D.2. The per-connector ON power is defined as any power level such that the sum of the measured powers from both connectors are bounded by the maximum output power requirement in sub clause 6.2D.1 and the minimum output power requirement in sub clause 6.3D.1.

RAN4 also would like to clarify that the ON/OFF time mask requirement for UE with Tx diversity is still under discussion, RAN4 will inform RAN5 with that if conclusions are made in Rel-16.

2. Actions: To RAN5: RAN4 asks RAN5 to take the above into consideration.

**Discussion:**

moved to RF.

Presented by OPPO. No action.

**Decision:** The document was **noted**.

**R5-214171 LS on time mask for NR V2X and LTE V2X switching in ITS band**

*Type: LS in For: Information  
 Original outgoing LS: R4-2108019, to -, cc -  
 Source: TSG WG RAN4*

**Abstract:**

Time mask for NR V2X and LTE V2X switching in ITS band is a remaining issue for Rel-16 NR-V2X WI. RAN4 had reached consensus on the time mask requirement as below:

The switching time shall be located on the RAT of lower priority when NR SL and LTE SL have different priorities based on priority information specified in TS 38.213. It is up to UE implementation when NR SL and LTE SL have the same priority based on priority information specified in TS 38.213.

Figure 1: Time mask for switching between NR SL and E-UTRA SL

The above time mask requirement is to give criteria on how the switching period position is decided based on priority information. RAN4 made an agreement that no RF test is needed for this SL switching time mask requirement defined in TS 38.101-3 Clause 6.3E.2.

2. Actions: To RAN5: RAN4 asks RAN5 to take the above information into account.

**Discussion:**

moved to RF.

Presented by Huawei.

**Decision:** The document was **noted**.

**R5-214172 Reply LS to RAN5 LS on Frequency Bands for testing of A-GNSS Sensitivity requirements in NR and LTE**

*Type: LS in For: Information  
 Original outgoing LS: R4-2108233, to -, cc -  
 Source: TSG WG RAN4*

**Abstract:**

RAN4 thanks RAN5 for the LS on Frequency Bands for testing of A-GNSS Sensitivity requirements in NR and LTE. RAN4 looked into the aspects of how to reduce testing in LTE and NR bands and EN-DC band combinations by focusing on problematic frequency bands or band combinations that are likely to generate interference in the GNSS bands, and reached the following agreements:

1. LTE and NR bands (SA):

RAN4 will make a decision between the following two options at RAN4 meeting#100-e:

• Option 1: LTE Bands 13, 14, 24, 44 and NR Bands n13, n14, n24, n79 and n96. In case of the same LTE and NR band supported by a UE, e.g., 14/n14, it suffices to test either LTE band 14 or NR band n14 because of the same interference mechanism

• Option 2: all UE supported bands

2. EN-DC band combinations:

When an EN-DC configuration generates second or third order intermodulation distortion (IMD) products falling into the following GNSS L1/E1/G1/B1 typical receiver bands (where supported by the UE), it shall be considered as a candidate for testing:

- GPS L1 C/A : 1574.3970 – 1576.4430 MHz

- Galileo E1 / GPS L1C: 1573.3740 – 1577.4660 MHz

- GLONASS G1: 1597.5515 – 1605.8860 MHz

- BDS B1I: 1559.0520 – 1563.1440 MHz

To further reduce testing, all EN-DC configurations are divided into groups with similar IMD level and risks. For each group, only one of the EN-DC configurations supported by the UE in the group shall be tested.

3. Maintenance of lists of LTE and NR bands and EN-DC band combinations for testing:

As RAN4 continues to introduce new bands or new EN-DC band combinations, RAN4 shall maintain the lists.

2. Actions: To RAN5: RAN4 respectfully asks RAN5 to take the above agreements into account in its further discussion.

**Decision:** The document was **noted**.

**R5-214173 LS on NR-U Test Cases subject to statistical testing**

*Type: LS in For: Information  
 Original outgoing LS: R4-2108262, to -, cc -  
 Source: TSG WG RAN4*

**Abstract:**

wrong zipfile

**Decision:** The document was **withdrawn**.

**R5-214174 LS to RAN5 on MU work of FR1 TRP TRS WI**

*Type: LS in For: Action  
 Original outgoing LS: R4-2108622, to -, cc -  
 Source: TSG WG RAN4*

**Abstract:**

The FR1 TRP TRS WI started in RAN4 during RAN4#99-e. Both the workplan (R4-2108624 in the attachment) and the skeleton of TR 38.834 on FR1 TRP TRS test method (R4-2108625 in the attachment) have been agreed. According to the objectives in the WID, RAN5 is responsible to develop the MU assessment for SA and EN-DC test methods as the secondary responsibility working group.

Key milestones for MU in the workplan:

 MU work to start during August 2021 meeting in RAN5 (i.e. RAN5#92-e).

 The Text proposals for MU assessment should be finalized before the end of RAN4#102-e (2022 Feb) meeting. RAN4 will have a chance to accommodate the MU TPs in the TR with an after-meeting email approval process.

In this RAN4 meeting, the following key agreements related to MU assessment have been achieved:

 For SA test method, the test methodology for LTE could be reused as much as possible.

 For EN-DC OTA test method, dynamic power sharing is not considered. How to configure the power split between LTE and NR is under discussion.

 A MU element for “system frequency flatness” should be considered, given the test system should support up to 100MHz bandwidth testing.

 Head&Hand test configuration is considered for FR1 TRP TRS testing, and thus related MU impacts should be considered.

 For both SA and EN-DC test method, the minimum measurement distance of 1.2 m is agreed.

For the detailed agreements for FR1 TRP TRS WI in this RAN4 meeting, please refer to the approved WF (R4-2108620) in the attachment.

RAN4 has considered the following options on how to coordinate with RAN5 on MU work:

• Option 1: RAN4 and RAN5 coordinate on MU work via LSs

• Option 2: RAN5 directly contribute on the MU clause of TR 38.834

• Option 3: RAN5 create a new specification with the scope of MU

Considering there is no precedence in 3GPP of the secondary responsibility working group approving TPs/CRs to a specification, or creating a new specification within the responsibility of primary working group, according to the guidance from MCC, the following coordination between RAN5 and RAN4 on MU work is recommended from RAN4 perspective:

 In the TR 38.834, Annex B: MU assessment is the clause to draft MU budget, which is assigned to capture RAN5 outcome on MU assessment.

 Agreements or endorsed Test Proposals can be sent to RAN4 via LS including the required attachments. RAN4 will also inform RAN5 on the decisions of test methods and other aspects related to MU assessment.

 Timely feedback on the progress of each part of work is needed to ensure a smooth progress of the whole WI.

RAN4 would suggest RAN5 to take the above information into account and start the MU WP/technical discussion for FR1 TRP TRS test methods.

2. Actions: To RAN5: 3GPP RAN4 respectfully asks RAN5 to take the above information into account and start the MU discussion for FR1 TRP TRS WI.

**Discussion:**

moved to midweek.

Noted.

**Decision:** The document was **noted**.

**R5-214175 Reply LS on 5G FR1 OTA Testing Method**

*Type: LS in For: Information  
 Original outgoing LS: R4-2108623, to -, cc -  
 Source: TSG WG RAN4*

**Abstract:**

3GPP RAN4 would like to thank GSMA TSG-AP for their 23 April, 2021 LS requesting information concerning 5G FR1 OTA testing method in 3GPP.

3GPP RAN4 is interested in working with GSMA TSG-AP to leverage the OTA Testing Method for 5G FR1.

In RAN#91e meeting, March 2021, the WI on FR1 TRP TRS was approved. This WI is to define FR1 OTA test methodology and specify corresponding FR1 TRP and TRS OTA requirements, for both SA and EN-DC UEs.

The WI includes two parts: core part and performance part. The key milestone is listed as follow:

 The core part of the WI focus on the development of FR1 OTA test methods, which will be finalized at RAN#95, March 2022, and the Technical Report TR 38.834 for 5G FR1 OTA test method named as “Measurements of User Equipment (UE) Over-the-Air (OTA) performance for NR FR1; Total Radiated Power (TRP) and Total Radiated Sensitivity (TRS) test methodology” will be formally released.

 The performance part of the WI focus on the definition of the performance requirement of 5G UEs, which will be finalized at RAN#97, September 2022, and the Technical Specification for 5G FR1 OTA performance requirements named as “NR; User Equipment (UE) Over-the-Air (OTA) performance requirements; Range 1 Standalone and Range 1 Interworking operation with other radios” will be formally released.

With regards to the OTA test method question:

Yes, RAN4 is working on the OTA test methods for 5G FR1 UEs.

With regards to the use scenarios:

The above use scenarios have been adopted by RAN4 to develop FR1 TRP TRS OTA test methods.

With regards to the working scope and workplan:

The detailed working scope of the project is captured in section 4 Objective part of the WID [RP-210807]. The detailed workplan for both RAN4 and RAN5 is agreed in [R4-2108624]. The skeleton of the Technical Report (TR 38.834) for FR1 TRP TRS test methods has been approved in [R4-2108625].

Some key aspects related to the schedule of the WI are listed:

 The TR 38.834 for TRP TRS OTA test methods will be finalized and published in RAN#95, March 2022

 RAN5 is working on MU assessment of the test methods and drafting Annex B: Measurement uncertainty of TR 38.834 as secondary responsibility group of the WI.

 The LS to CTIA for coordination on Head&Hand Phantoms is approved in [R4-2108622].

 The TS 38.1xy (spec number has not been assigned) for FR1 UE TRP TRS requirements will be finalized and published in RAN#97, September 2022.

With regards to the EN-DC power splitting:

The WI will define the configured power settings for EN-DC (1 CC LTE with 1 CC NR), the detailed power splitting is under discussion in RAN4. RAN4 will take the above recommendation into account in our future work.

With regards to the technical questions for Dynamic Power Sharing test method:

Whether RAN4 will develop special OTA test method for Dynamic Power Sharing function is still under discussion.

With regards to the technical questions for TRS self-interference:

In the WID, there is an objective to discuss the NSA TRS requirements for potential UE self-interference due to IMD3 in EN-DC. The self-interference of UE will be considered as 2nd priority in this WI.

2 Actions

To GSMA TSG-AP:

ACTION: 3GPP RAN4 respectfully asks GSMA TSG-AP to take the above feedback into account and encourage GSMA TSG-AP to further collaborate with 3GPP RAN4 on 5G FR1 OTA test method and requirement.

**Decision:** The document was **noted**.

**R5-214176 LS to RAN5 on LTE REFSENS Exceptions Simplification**

*Type: LS in For: Action  
 Original outgoing LS: R4-2109739, to -, cc -  
 Source: TSG WG RAN4*

**Abstract:**

RAN4 sent LS to RAN5 [1] from WG4 Meeting # 98-e informing RAN5 that it will adopt new MSD test point scheme for new REL-17 LTE CA combinations.

RAN4 has now done more work on the topic and observed that due to the small number of new LTE combinations introduced in REL-17 the agreed method for only changing MSD test point scheme for new REL-17 LTE CA combinations does not really have much impact on RAN4 specification simplification or amount of RAN5 MSD test cases [2].

RAN4 would like to hear RAN5 opinion if LTE REFSENS exceptions simplification should be limited only to new REL17 CA configurations (Option 1) as was already communicated in [1] or if the simplification can be also applied to CA configurations in earlier releases (Option 2).

Option 1:

- For new Rel-17 band combinations:

- For TPs for TR: According to the agreed WF [1], do not specify higher order REFSENS test points if already covered by a fall-back combination,

- For 36.101: Remove REFSENS test points if already covered by fall-back combination via small CR.

- For legacy combinations:

- Do not bring any change to TS 36.101.

Option 2:

- For new Rel-17 band combinations:

- For TPs for TR: According to the agreed WF [1], do not specify higher order REFSENS test points if already covered by a fall-back combination,

- For 36.101: Remove REFSENS test points if already covered by fall-back combination via small CR.

- For legacy combinations:

- Keep only the lowest order fall-back test points and remove all redundant REFSENS test points in TS 36.101.

2. Actions: To RAN5: RAN4 asks RAN5 feedback concerning Option 1 versus Option 2.

**Discussion:**

moved to RF.

Presented by Nokia.

E// prefers Option2, with a change to have RAN4 remove legacy test points only in Rel17 core spec and keep other rel core specs as is.

Nokia to prepare LS response taking group input.

Deferred.

**Decision:** The document was **noted**.

**R5-214178 LS Announcing the publication of GSMA TS.48 Generic eUICC Test Profile for Device Testing version 4.0**

*Type: LS in For: Information  
 Original outgoing LS: TSG44\_032, to -, cc -  
 Source: GSMA TSG eSIMTP*

**Abstract:**

GSMA TSG is pleased to announce the publication of V4.0 of the TS.48 ‘Generic eUICC Test Profile for Device Testing’ which defines an eSIM test profile for use in testing product with System Simulators, typically for use when testing a device with a non-removable eSIM to ensure compliance to 3GPP specifications.

External Recipients: To: 3GPP RAN5, 3GPP CT6, GCF SG, GCF CAG, CTIA, PTCRB, Global Platform, SIM Alliance

Cc: 3GPP TF160

Internal Recipients: TSG, eSIM Group Plenary, eSIM WI4

2 TS.48 V4.0 Overview

TS.48 V4.0 changes include:

Change to the minimum security from 0x06 (Ciphering + CC) to 0x02 (CC only)

Change to the OTA keys to align to 3GPP TS 31.124 test cases

Change of the SUCI Calc information for device and USIM

A download of a reference ASN.1 files and a Excel file detailing the test profile definition is available on GitHub,

https://github.com/GSMATerminals/Generic-eUICC-Test-Profile-for-Device-Testing-Public

There are four reference ASN.1 Files are available:

SAIP 2.3 with BER-TLV

SAIP 2.3 without BER-TLV

SAIP 2.1A without BER-TLV

SAIP 2.1B without BER-TLV

(SAIP = SIMAlliance Interoperable Profile)

3 Action

The basis for the Generic Test Profile is to enable continued use of existing process and procedures, validated test cases and test platforms in GCF and PTCRB when certifying device with a non-removable eUICC. It also removes the need for specific device hardware or modified hardware by an OEM testing 3GPP compliance in devices supporting eSIM.

GSMA requests GCF and PTCRB to note the publication of TS.48 v4.0, and make appropriate references and guidance in their process and procedure documentation to encourage use of the TS.48 Generic Test Profile when testing 3GPP device compliance

**Decision:** The document was **noted**.

**R5-214179 LS on NR-U Test Cases subject to statistical testing**

*Type: LS in For: Information  
 Original outgoing LS: R4-2108262, to -, cc -  
 Source: TSG WG RAN4*

**Abstract:**

replacement of R5-214173 which had wrong file zipped.

RAN4 is currently specifying RRM Performance TCs (Test Cases) related to NR-U; a subset of these TCs intends to test the impact of DL/UL CCA failures. For this purpose, the Test Equipment is expected to implement CCA failure randomization, i.e. for each test the Test Equipment randomly assumes either a CCA success or a CCA failure with an overall probability of CCA success PCCA, PCCA being configured for a given Test Case with a value 0 < PCCA < 1. This is the case in particular for Random Access TCs.

Given the above, RAN4 has agreed that the corresponding TCs – including Random Access TCs - are subject to statistical testing, as defined by RAN5 Specification TS 38.533:

RAN4 agreement:

• Determine that TCs under CCA with 0 < PCCA <1 are subject to statistical testing.

o Send LS to inform RAN5 about the RAN4 decision.

To RAN5: RAN4 asks RAN5 to take the above into account.

**Discussion:**

moved to RF.

presented by Nokia.

**Decision:** The document was **noted**.

**R5-214180 LS on RAN4 updates to TR 37.901-5**

*Type: LS in For: Information  
 Original outgoing LS: R4-2114569, to -, cc -  
 Source: TSG WG RAN4*

**Abstract:**

Under the release 16 study item on 5G NR UE Application Layer Data Throughput Performance (FS\_UE\_5GNR\_App\_Data\_Perf), RAN4 evaluated the feasibility of defining absolute physical layer throughput requirements under link adaptation based on the simulation assumptions [2]. As per the evaluation results [3] and the agreed alignment criteria [1], RAN4 concluded that it is feasible to define such requirements [4].

Although this SI is a Rel-16 SI in RAN5, RAN4 was added as secondary responsibility working group to this SI for Rel-17. RAN4 suggests RAN5 to take the feasibility study conclusion on defining applicability layer data throughput performance from RAN4 into future work and prepare a RAN5 CR by including all endorsed RAN4 draft CRs [1~4] but with Rel-17 in the coversheet to request TR 37.901-5 to be upgraded to Rel-17.

2. To RAN WG5 group.

ACTION: RAN4 respectfully asks RAN5 to take above into consideration when capturing the outcomes of study item FS\_UE\_5GNR\_App\_Data\_Perf.

**Discussion:**

late i/c LS

Deferred to be handled with RAN5 CR in R5-215586. Verdict to be concluded by Aug31st.

RAN5 Vice Chair (RF convenor): Actions in the LS would be handled as part of revision of R5-215586 . No LS response needed .

**Decision:** The document was **noted**.

## 4 RAN5 General Issues

### 4.1 New Work Item proposals - for intro only

**R5-214473 New WID - UE Conformance Test Aspects - High power UE (power class 1.5) for NR band n79**

*Type: WID new For: Approval  
 Source: CMCC*

**Abstract:**

RAN4 has completed PC1.5 HPUE feature to improve the uplink coverage for 5G SA deployments on NR bands n41. NR Band n79 with frequency range 4400-5000MHz is an NR TDD band, 5G NR UE may use a larger transmission bandwidth, if increase bandwidth but not increase the UE transmission power, power spectral density will reduce, and the uplink coverage will be reduced. It is more urgent need to increase the UE output power for n79 in order to guarantee uplink coverage. It is proposed to specify Power Class 1.5 UE for NR band n79 supporting +29 dBm. This Work Item is to develop a new feature to enable HPUE (power class 1.5) for NR band n79.

The completion level of the 3GPP Rel-17 work item on High power UE (power class 1.5) for NR band n79 has achieved 80% at RP#92-e (June-2021). The work item added PC1.5 to NR band n79 UE. There is a need to introduce an associated RAN5 work item to enable UE conformance testing for High power (power class 1.5) NR band n79 UEs

4 Objective

4.1 Objective of SI or Core part WI or Testing part WI

The core objectives of the WI are to develop RF requirements that are applicable to new power UE mobile device and FWA operations over the 3GPP NR band n79:

 Introduction of high power UE (power class 1.5) NR band n79 to enable single component carrier UL operation for SA NR operation.

 Specify RF characteristics for n79 (dual-PA)), including UE maximum output power, Tx power tolerance and UL-MIMO for PC1.5 n79.

 Reuse existing SAR mechanism for PC1.5 n79,

 Release independent issue is to be considered for PC1.5 n79

**Discussion:**

'Test aspects' should be dropped from Rel-17.

**Decision:** The document was **revised to R5-215704**.

**R5-214474 New WID - UE Conformance Test Aspects - High power UE (power class 2) for NR band n34**

*Type: WID new For: Approval  
 Source: CMCC*

**Abstract:**

There are challenges on the uplink coverage of high frequency, and particularly in the discontinuity of TDD mode. Concerning the imbalance of uplink and downlink budget, we need to increase the uplink coverage. RAN4 has completed PC2 HPUE feature to improve the uplink coverage for 5G SA deployments on NR bands n41, n77, n78 and n79 in Rel-15 NR WI. NR Band n34 with frequency range 2010-2025MHz is an NR TDD band, the limit of 2GHz 5G NR uplink coverage lead to the imbalance coverage of uplink and downlink. In addition, 5G NR UE may use a larger transmission bandwidth, if increase bandwidth but not increase the UE transmission power, power spectral density will reduce, and the uplink coverage will be reduced. It is more urgent need to increase the UE output power for n34 in order to guarantee uplink coverage.

It is proposed to specify Power Class 2 UE for NR band n34 supporting +26 dBm. The PC2 n34 UE maximum output power can be reference PC2 n41, n77,n78,n79 HPUE, defined as +26dBm in this Work Item. This Work Item is to develop a new feature to enable HPUE (power class 2) for NR band n34.

The 3GPP Rel-17 work item on High power UE (power class 2) for NR band n34 has been 100% completed at RP#92-e (June-2021). The work item added PC2 to NR band n34 UE. There is a need to introduce an associated RAN5 work item to enable UE conformance testing for High power (power class 2) NR band n34 UEs

4 Objective

4.1 Objective of SI or Core part WI or Testing part WI

The core objectives of the WI are:

 Introduction of NR band n34 to support high power UE (Power class 2)

 Specify RF characteristics for n34, including UE maximum output power, Tx power tolerance and UL-MIMO for PC2 n34.

 Release independent issue is to be considered for PC2 n34

**Decision:** The document was **revised to R5-215705**.

**R5-214475 New WID - UE Conformance Test Aspects - High power UE (power class 2) for NR band n39**

*Type: WID new For: Approval  
 Source: CMCC*

**Abstract:**

There are challenges on the uplink coverage of high frequency, and particularly in the discontinuity of TDD mode. Concerning the imbalance of uplink and downlink budget, we need to increase the uplink coverage. RAN4 has completed PC2 HPUE feature to improve the uplink coverage for 5G SA deployments on NR bands n41, n77, n78 and n79 in Rel-15 NR WI. NR Band n39 with frequency range 1880-1920MHz is an NR TDD band, the limit of 1.8GHz 5G NR uplink coverage lead to the imbalance coverage of uplink and downlink. In addition, 5G NR UE may use a larger transmission bandwidth, if increase bandwidth but not increase the UE transmission power, power spectral density will reduce, and the uplink coverage will be reduced. It is more urgent need to increase the UE output power for n39 in order to guarantee uplink coverage.

It is proposed to specify Power Class 2 UE for NR band n39 supporting +26 dBm. The PC2 n39 UE maximum output power can be reference PC2 n41, n77,n78,n79 HPUE, defined as +26dBm in this Work Item. This Work Item is to develop a new feature to enable HPUE (power class 2) for NR band n39.

The completion level of 3GPP Rel-17 work item on High power UE (power class 2) for NR band n39 has been 80% completed at RP#92-e (June-2021). The work item added PC2 to NR band n39 UE. There is a need to introduce an associated RAN5 work item to enable UE conformance testing for High power (power class 2) NR band n39 UEs

4 Objective

4.1 Objective of SI or Core part WI or Testing part WI

The core objectives of the WI are:

 Introduction of NR band n39 to support high power UE (Power class 2)

 Specify RF characteristics for n39, including UE maximum output power, Tx power tolerance and UL-MIMO for PC2 n39.

 Release independent issue is to be considered for PC2 n39

**Decision:** The document was **revised to R5-215706**.

**R5-214902 New WID on UE Conformance - PC2 EN-DC with x LTE band + y NR band (x= 2, 3, 4, y=1; x=1, 2, y=2)**

*Type: WID new For: Endorsement  
 Source: Ericsson*

**Abstract:**

3GPP RAN4 have in Rel-17 introduced a Work Item focusing on power class 2 (PC2) EN-DC band combinations with 26dBm maximum output power, in which configurations for x LTE bands and y NR (xLTE+yNR) band DL with 1 LTE UL and 1TDD NR (1LTE+1TDD NR) band UL will be defined under this WI, where

• The downlink x is 2, 3 or 4 and y is 1, or,

• The downlink x is 1, or 2 and y is 2

• The uplink is 1 LTE and 1 TDD NR

The completion level of 3GPP RAN4 work item on Rel-17 Power Class 2 for EN-DC with x LTE bands + y NR band(s) in DL and with 1 LTE band +1 TDD NR band in UL (either x= 2, 3, y=1 or x=1, 2, y=2) has been 95% completed at RP#92-e (June-2021). There is a need to introduce an associated RAN5 work item to enable UE conformance testing for Power class 2 and the EN-DC configurations introduced by the RAN4 work item.

4 Objective

4.1 Objective of SI or Core part WI or Testing part WI

The core objectives of the WI is to introduce support of Power class 2 for EN-DC configurations introduced by the parent RAN4 core work item in UE conformance test specifications.

**Discussion:**

AT&T and Verizon asked to be added.

**Decision:** The document was **revised to R5-215707**.

**R5-215227 New WID - UE Conformance Test Aspects – Transparent Tx Diversity for NR**

*Type: WID new For: Information  
 Source: Guangdong OPPO Mobile Telecom.*

**Discussion:**

r1

Because the progress of corresponding RAN4 TxD WI still has a lot of uncertainty. It is better to wait for one meeting cycle to set up this new WI in RAN5. R5-215227r1 is just for information and has been uploaded to folder. Will seek endorsement at the next RAN5#93-e meeting.

**Decision:** The document was **revised to R5-215684**.

**R5-215684 New WID - UE Conformance Test Aspects – Transparent Tx Diversity for NR**

*Type: WID new For: Information  
 Source: Guangdong OPPO Mobile Telecom.*

(Replaces R5-215227)

**Decision:** The document was **noted**.

### 4.2 General Discussion Papers

#### 4.2.1 5GS

**R5-214243 Checklist - Adding new NR band or channel bandwidth to existing bands**

*Type: other For: Information  
 Source: Ericsson*

**Abstract:**

Checklist applicible for adding new NR bands amd CBW extension to existing bands for Rel-16 and Rel-17

**Decision:** The document was **noted**.

**R5-214472 Checklist - NR\_Rel-16\_CA\_DC for RAN5#92-e**

*Type: discussion For: Endorsement  
 Source: CMCC, BV*

**Decision:** The document was **noted**.

**R5-214482 fwd on how to handle Option4 test cases**

*Type: discussion For: Endorsement  
 Source: CMCC,Deutsche Telekom, TIM, Qualcomm, ZTE, CATT, Orange, Spirent*

**Discussion:**

r1

Thu web CC:

• R5-214482r1: To reach consensus on Proposal 2/2a, 3/3a, 4/4a, 5/5a

• To give comments/verdict to R5-215384, 4497, 5131, 5667, 5132, 5137

r4

Moderator (CMCC) week#1 summary for 4482r3:

Prop 1,4,5,6-12 can be endorsed since no comments received.

Prop 2 is preferred by 7 companies (CMCC,HW,R&S,KS,Anritsu,Sporton and BV), while Prop 2a is preferred by 2 companies (QC and Apple).Hence Prop 2 can be endorsed and used as the working assumption for the related CRs.

Prop 3 is preferred by 6 companies (CMCC,HW,R&S,KS,Anritsu and BV), while Prop 3a is preferred by 2 companies (QC and E///). Apple and Sporton are ok with both Prop 3 and 3a. Hence Prop 3 can be endorsed and used as the working assumption for the related CRs.

Prop 4a has been removed from 4482r3 since not all the RRM TCs are anchor agnostic.

Prop 5a is not acceptable since SDR is not anchor agnostic.

Prop 5b is still pending on the group discussion.

Moderator (CMCC) week#2 summary:

Prop 1-12 of 4482r4 can be endorsed.

**Decision:** The document was **revised to R5-215766**.

**R5-215110 Handling of CA/DC basket WIs and PC2 Wis**

*Type: discussion For: Endorsement  
 Source: Huawei, HiSilicon, China Mobile, China Telecom, China Unicom*

**Abstract:**

In this contribution, the following proposal were made:

Proposal 1: All the general requirements shall be introduced by RAN5 basket WIs. Regarding the power class dependent requirements, i.e. MOP, MPR, A-MPR, SEM, ACLR, A-SEM, A-SE and REFSENS, the PC3 requirements shall be introduced by RAN5 basket WIs, and the HP requirements shall be introduced by RAN5 HP WIs.

Proposal 2: HP requirements can’t be introduced earlier than generic and PC3 requirements are completed.

Proposal 3: For each HP configuration, HP WI rapporteurs capture the progress of corresponding PC3 configurations in the HP WP.

Proposal 4: The HP configuration owner shall provide the status of HP configurations to HP WI rapporteurs after each RAN5 meeting (regular process so far), along with the status of corresponding PC3 configurations to HP WI rapporteurs.

Proposal 5: HP configuration can’t be set as 100% until the corresponding PC3 configuration is 100% completed.

Proposal 6: It’s encouraged the same company take responsibility of HP configuration and corresponding PC3 configuration. If different companies share the work, efficient coordination and co-operation would be required.

Proposal 7: Processes in proposal 3~6 should be adopted starting from RAN5#93.

**Discussion:**

r1

Question from Verizon about the HP owner.

All proposals are endorsed.

**Decision:** The document was **revised to R5-215709**.

**R5-215709 Handling of CA/DC basket WIs and PC2 Wis**

*Type: discussion For: Endorsement  
 Source: Huawei, HiSilicon, China Mobile, China Telecom, China Unicom*

(Replaces R5-215110)

**Decision:** The document was **noted**.

**R5-215129 MU workplan for NR FR1 TRP-TRS**

*Type: discussion For: Endorsement  
 38.834 v..  
 Source: ROHDE & SCHWARZ, vivo*

**Abstract:**

The work item led by RAN4 for NR FR1 TRP-TRS [RP-211158] was approved during March plenary meeting, further updated during June plenary, which includes a secondary responsibility for RAN5 to develop the Measurement Uncertainty (MU) assessment.

This contri

**Discussion:**

r1

**Decision:** The document was **revised to R5-215771**.

**R5-215771 MU workplan for NR FR1 TRP-TRS**

*Type: discussion For: Endorsement  
 38.834 v..  
 Source: ROHDE & SCHWARZ, vivo*

(Replaces R5-215129)

**Discussion:**

WP is endorsed.

**Decision:** The document was **endorsed**.

#### 4.2.2 All other topics

**R5-214903 Discussion paper on handling of work items on LTE CA configurations**

*Type: discussion For: Endorsement  
 Source: Ericsson*

**Abstract:**

Proposal#1.1: It is proposed that TS 38.521-236.521-2 [5] clause A.6 are used to tracking available LTE CA configurations for testing.

Proposal#1.2: It is proposed that the CR introducing a CA configuration in TS 38.521-236.521-2 [5] clause A.6 includes a completion statement on the CR cover sheet. The completion statement should be based on a common format decided by RAN5.

Proposal#2: It is proposed that a RAN5 PRD is created to track ownership of LTE CA configurations beyond the completion of LTE CA basket work items and to give guideline/checklist how to introduce new LTE CA configurations in RAN5 specifications.

Proposal#3: It is proposed that the minimum criteria for closing RAN5 LTE CA work items is:

- The associated RAN4 core work items are completed.

- All required new or existing test cases have been completed for at least one representative CA configuration.

- The RAN5 PRD, as proposed in clause 2.3, includes all the CA configurations introduced by the associated RAN4 core work items.

Ericsson is willing to create the new PRD and provide necessary cleanup CR to [5] TS 36.521-1 for RAN5#93-e if the proposals in #1.1, #1.2, #2 and #3 are accepted by RAN5.

**Discussion:**

corrected 38.521-2 -> 36.521-2

r3

All Proposals 1.1., 1.2, 2, 3 are endorsed.

**Decision:** The document was **revised to R5-215708**.

**R5-215708 Discussion paper on handling of work items on LTE CA configurations**

*Type: discussion For: Endorsement  
 Source: Ericsson*

(Replaces R5-214903)

**Discussion:**

noted and all proposals endorsed.

**Decision:** The document was **noted**.

**R5-214961 Discussion on RAN5 input to ”Recommendation  ITU-R  M.2071"**

*Type: discussion For: Discussion  
 Source: Nanjing Ericsson Panda Com Ltd*

**Abstract:**

In an LS from ITU-R WP5D [1], the group “kindly invite the GCS Proponents of IMT-Advanced for Revision 5 of Recommendation ITU-R M.2012, to provide relevant materials for Recommendations ITU R M.2070 and ITU-R M.2071, consistent with the Revision 5 of Recommendation ITU-R M.2012. The Revision 5 of Recommendation ITU-R M.2012 is planned for completion by WP 5D in October 2021.” RAN5 and RAN4 are tasked to prepare an answer to this document and submit it to RAN#92e

Recommendation I-TU-R M.2071 is based on information from 3GPP TS 36.521-1, where the latest version M.2071-1 is based on TS 36.521-1 V 12.6.0 (2015-06). According to LS from ITU, the updated unwanted emissions recommendations will be based on the upcoming revision 5 of M.2012. This means that the requested revision of M.2071 should be based on the June 2021 release of TS 36.521-1. For RAN 5, this means TS 36.521-1 V 17.1.0 (2021-06), excluding Rel-17 features.

It should be noted that the update of M.2071 is a very substantial work. During this 6-year period, several frequency bands, several NS values, many CA combinations and new features, such as ProSe, V2X, cat 0, cat M1, ... have been added to TS 36.521-1.

The work has started in RAN5 towards a Revision of Recommendations and ITU R M.2071 on unwanted emission characteristics for IMT-Advanced. Attached document shows the current status of the M.2071 update and is 70-80% complete.

2 Proposal

Since the work of updating M.2071 is substantial and may take some time to complete including time for review in RAN5, it is proposed that the work is scheduled to be completed by the November RAN5#93 meeting. Since this is after the deadline requested in the LS [1], TSG RAN would need to respond to ITU-R WP5D that more time is needed.

It is proposed that

1. RAN5 informs TSG RAN that the update would take more time to complete and responds to ITU-R WP5D accordingly.

2. A work split between interested companies is done to efficiently produce the needed update of M.2071.

The paper in [2] makes a similar proposal for M.2070 in RAN4.

**Discussion:**

r1

Noted and endorsed.

**Decision:** The document was **revised to R5-215710**.

**R5-215710 Discussion on RAN5 input to ”Recommendation  ITU-R  M.2071"**

*Type: discussion For: Discussion  
 Source: Nanjing Ericsson Panda Com Ltd*

(Replaces R5-214961)

**Discussion:**

Noted and endorsed.

**Decision:** The document was **noted**.

**R5-215703 WP5D LS on unwanted emission of IMT-Advanced**

*Type: discussion For: discussion  
 Source: Huawei, HiSilicon*

**Abstract:**

RAN has received the LS from WP5D on revision of recommendations ITU-R M.2070 and ITU -R M.2071 on Unwanted Emissions of IMT-Advanced (RP-210747). RAN4 and RAN5 have been assigned to respond the LS from WP5D.

Huawei has submitted a document R4-2113089 to RAN4 on ITU-R M.2071. I have got suggestion from Ericsson that it’s preferred the ITU-R M.2071 to be discussed in RAN5. So I would like to request a late Tdoc so that the documents on ITU-R M.2017 could be reviewed and discussed here.

**Discussion:**

late doc

**Decision:** The document was **noted**.

### 4.3 RAN5 PRDs/Templates

**R5-214160 RAN5#92-e LS Template**

*Type: other For: Information  
 Source: WG Chairman*

**Decision:** The document was **noted**.

**R5-214613 RAN5 PRD12 version 6.7**

*Type: other For: Approval  
 Source: MCC TF160*

**Discussion:**

vendors approved.

**Decision:** The document was **approved**.

### 4.4 Meeting schedule for 2021-22

**R5-214161 Meeting schedule for 2021-22**

*Type: other For: Information  
 Source: WG Chairman*

**Decision:** The document was **noted**.

### 4.5 Tdocs for mid-week joint session

#### 4.5.1 RF group docs for WG review/verdict - original A.I. retained

**R5-215491 NB-IoT Test Frequency Corrections to align with RAN4 and US FCC**

*Type: CR For: Agreement  
 36.508 v16.9.0 CR-1375 Cat: F (Rel-16)  
  
 Source: T-Mobile USA Inc., Qualcomm*

**Abstract:**

AI 5.5.1.1

dependency upon R4-2111486 (CR to 36.101).

**Discussion:**

.doc; WIC missing.

move to joint?

r6

agreed

**Decision:** The document was **revised to R5-215823**.

**R5-215823 NB-IoT Test Frequency Corrections to align with RAN4 and US FCC**

*Type: CR For: Agreement  
 36.508 v16.9.0 CR-1375 rev 1 Cat: F (Rel-16)  
  
 Source: T-Mobile USA Inc., Qualcomm*

(Replaces R5-215491)

**Decision:** The document was **agreed**.

#### 4.5.2 Sig group docs for WG review/verdict - original A.I. retained

#### 4.5.3 Other open issues from joint sessions - original A.I. retained

#### 4.5.4 5GS

#### 4.5.5 Study on 5G NR UE full stack testing for Network Slicing (UID-910095) FS\_NR\_Slice\_Test

##### 4.5.5.1 TR 38.918 (pCRs only)

**R5-215246 Text Proposal on Test Configuration**

*Type: pCR For: Approval  
 38.918 v0.1.0  
 Source: CMCC*

**Discussion:**

r1

deadline 12 Noon UTC 26 Aug (Thu) the text proposal in R5-215246r1 will be approved.

**Decision:** The document was **revised to R5-216352**.

**R5-216352 Text Proposal on Test Configuration**

*Type: pCR For: Approval  
 38.918 v0.1.0  
 Source: CMCC*

(Replaces R5-215246)

**Decision:** The document was **approved**.

**R5-215247 Text Proposal on Application Simulation**

*Type: pCR For: Approval  
 38.918 v0.1.0  
 Source: CMCC*

**Decision:** The document was **approved**.

**R5-215248 Text Proposal on Analysis of mapping application to network slicing**

*Type: pCR For: Approval  
 38.918 v0.1.0  
 Source: CMCC*

**Decision:** The document was **approved**.

**R5-215249 Text Proposal on Test Procedure A.2.1.1**

*Type: pCR For: Approval  
 38.918 v0.1.0  
 Source: CMCC*

**Decision:** The document was **approved**.

**R5-215250 Text Proposal on Test Procedure A.2.2.1**

*Type: pCR For: Approval  
 38.918 v0.1.0  
 Source: CMCC*

**Decision:** The document was **approved**.

**R5-215251 Text Proposal to Update References**

*Type: pCR For: Approval  
 38.918 v0.1.0  
 Source: CMCC*

**Decision:** The document was **approved**.

**R5-215252 Editorial changes on wording**

*Type: pCR For: Approval  
 38.918 v0.1.0  
 Source: CMCC*

**Abstract:**

Editorial

**Decision:** The document was **approved**.

**R5-215283 Text Proposal on Test Procedure A.3.1.1**

*Type: pCR For: Approval  
 38.918 v0.1.0  
 Source: China Mobile (Hangzhou) Inf.*

**Decision:** The document was **approved**.

##### 4.5.5.2 Discussion Papers, Work Plan, TC lists

**R5-215253 Summary of the documents for TR 38.918**

*Type: discussion For: Information  
 Source: CMCC*

**Abstract:**

Test Configuration

R5-215246: Updated test configuration to add URSP related message, information elements contents and the required UE specific parameters about the application during test

Application Simulation

R5-215247: Defined the application client simulator to simulate applications on UE during testing

Statistical Analysis

R5-215248 : add the analysis of Mapping Application to Network Slicing based on configured URSP

Test Procedure

R5-215249: Added Test Procedure A.2.1.1 5G NR / URSP Configuration / Signalling

R5-215250: Added Test Procedure A.2.2.1 5G NR / Mapping Application to Network Slicing / DNN

R5-215283: Added Test Procedure A.3.1.1 5G NR / Service Performance / Single Application with Single Network Slicing

Others

R5-215251: Updated References to add TS 23.003 as reference

R5-215252: Editorial changes on wording to avoid the use of the verbal forms "shall" or any other wording which would imply a requirement

**Discussion:**

text proposals are approved.

**Decision:** The document was **noted**.

#### 4.5.6 Other

## 5 RF Functional Area

### 5.1 Review action points (fm A.I. 2.1)

### 5.2 Review incoming LS (fm A.I. 3) & new subject discussion papers

### 5.3 Open Work Items

#### 5.3.1 Rel-14 LTE CA configurations (UID - 720098) LTE\_CA\_R14-UEConTest

##### 5.3.1.1 TS 36.508

##### 5.3.1.2 TS 36.521-1

**R5-215146 Update of Test Case 6.2.4A.4 Additional Maximum Power Reduction (A-MPR) for CA (3UL CA)**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5338 Cat: F (Rel-16)  
  
 Source: SGS Wireless*

**Discussion:**

.doc

r2

**Decision:** The document was **revised to R5-216026**.

**R5-216026 Update of Test Case 6.2.4A.4 Additional Maximum Power Reduction (A-MPR) for CA (3UL CA)**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5338 rev 1 Cat: F (Rel-16)  
  
 Source: SGS Wireless*

(Replaces R5-215146)

**Decision:** The document was **agreed**.

**R5-215484 Correction for CA\_21A-28A in test case 7.3A.3**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5350 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

##### 5.3.1.3 TS 36.521-2

##### 5.3.1.4 TS 36.521-3

##### 5.3.1.5 TS 37.571-1

##### 5.3.1.6 TS 37.571-3

##### 5.3.1.7 TS 37.571-5

##### 5.3.1.8 TR 36.903 (E-UTRAN RRM TT analyses)

##### 5.3.1.9 TR 36.904 (E-UTRAN Radio Reception TT analyses)

##### 5.3.1.10 TR 36.905 (E-UTRAN Test Points Radio Transmission and Reception )

##### 5.3.1.11 Discussion Papers, Work Plan, TC lists

#### 5.3.2 5G system with NR and LTE (UID - 760087) 5GS\_NR\_LTE-UEConTest

##### 5.3.2.1 TS 38.508-1

###### 5.3.2.1.1 Test frequencies (Clause 4.3.1)

**R5-215456 Update of 4.3.1.4.1 for test frequencies for EN-DC configurations within FR1**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2019 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is to update of 4.3.1.4.1 for test frequencies for EN-DC configurations within FR1

**Decision:** The document was **agreed**.

**R5-215462 Correction of 4.3.1.0D for locationAndBandwidth in BWP**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2021 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is for correction of 4.3.1.0D for locationAndBandwidth in BWP

**Decision:** The document was **agreed**.

**R5-215518 Editorial correction: channel bandwidth and RB allocation revision in Test frequencies for CA\_n260(A-I)**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2029 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

**Decision:** The document was **agreed**.

**R5-215530 Correction on Test frequencies for DC\_(n)41CA**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2030 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

**Decision:** The document was **agreed**.

**R5-215541 Test frequencies update for CA\_ n257G, CA\_ n257H and CA\_ n257I**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2031 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

**Decision:** The document was **agreed**.

###### 5.3.2.1.2 Test environment for RF (Clauses 5)

**R5-215341 Correction to TRS configuration for RF test cases**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2015 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Decision:** The document was **agreed**.

**R5-215348 Addition of Perf RI FR2 message contents**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2016 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r2

R4-2111893 Endorsed without revision.

**Decision:** The document was **revised to R5-216027**.

**R5-216027 Addition of Perf RI FR2 message contents**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2016 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-215348)

**Decision:** The document was **agreed**.

**R5-215626 Aggregation level for RF test cases**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2033 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

**Discussion:**

late doc

**Decision:** The document was **withdrawn**.

###### 5.3.2.1.3 Test environment for RRM (Clause 7)

**R5-214405 Correct CSI-MeasConfig for test cases with 1SSB**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1964 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215835**.

**R5-215835 Correct CSI-MeasConfig for test cases with 1SSB**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1964 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214405)

**Decision:** The document was **agreed**.

**R5-214406 Complete CSI-ReportConfig for RRM**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1965 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215836**.

**R5-215836 Complete CSI-ReportConfig for RRM**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1965 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214406)

**Decision:** The document was **agreed**.

**R5-214678 Correction to k1 setting for FR2 RRM**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1972 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

7.2.2.1

**Decision:** The document was **agreed**.

**R5-214977 Correction to default configuration-ControlResourceSet**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2003 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-214978 Correction to default configuration-SCell CSI on PCell**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2004 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

###### 5.3.2.1.4 Other clauses, Annexes

**R5-214381 Correct dl\_DataToUL\_ACK for short DCI test cases**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1963 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214935 Correction to Table 6.4.1-8 USIM Configuration 8**

*Type: CR For: Agreement  
 38.508-1 v16.8.0 CR-1996 Cat: F (Rel-16)  
  
 Source: Starpoint*

**Decision:** The document was **withdrawn**.

**R5-215340 Correction to CSI report configurations**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2014 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215837**.

**R5-215837 Correction to CSI report configurations**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2014 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-215340)

**Decision:** The document was **agreed**.

**R5-215612 Correction RF E-UTRA CONNECTED state**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2032 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Decision:** The document was **agreed**.

##### 5.3.2.2 TS 38.508-2

**R5-214679 Correction to Physical Layer Baseline Implementation Capabilities**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0224 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

A.4.3.2

**Discussion:**

r1

**Decision:** The document was **revised to R5-216028**.

**R5-216028 Correction to Physical Layer Baseline Implementation Capabilities**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0224 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-214679)

**Decision:** The document was **agreed**.

**R5-214979 Addition of PICs for inter-RAT SFTD measurements**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0228 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215838**.

**R5-215838 Addition of PICs for inter-RAT SFTD measurements**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0228 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-214979)

**Decision:** The document was **agreed**.

**R5-215349 Correction to UE Measurement Capability**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0243 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

fully covered by R5-214979.

**Decision:** The document was **withdrawn**.

**R5-215445 Update of A.4.3.2A.4.1 for implementation capabilities for NR inter-band CA within FR1 for two bands**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0245 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is to update of A.4.3.2A.4.1 for implementation capabilities for NR inter-band CA within FR1 for two bands

**Discussion:**

r1

**Decision:** The document was **revised to R5-215839**.

**R5-215839 Update of A.4.3.2A.4.1 for implementation capabilities for NR inter-band CA within FR1 for two bands**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0245 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-215445)

**Decision:** The document was **agreed**.

**R5-215446 Update of A.4.3.2A.4.2 for implementation capabilities for NR inter-band CA within FR1 for three bands**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0246 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is to update of A.4.3.2A.4.2 for implementation capabilities for NR inter-band CA within FR1 for three bands

**Discussion:**

r1

**Decision:** The document was **revised to R5-215840**.

**R5-215840 Update of A.4.3.2A.4.2 for implementation capabilities for NR inter-band CA within FR1 for three bands**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0246 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-215446)

**Decision:** The document was **agreed**.

**R5-215447 Update of A.4.3.2A.3.1 for implementation capabilities for NR intra-band non-contiguous CA within FR1**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0247 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is to update of A.4.3.2A.3.1 for implementation capabilities for NR intra-band non-contiguous CA within FR1

**Discussion:**

r1

**Decision:** The document was **revised to R5-215841**.

**R5-215841 Update of A.4.3.2A.3.1 for implementation capabilities for NR intra-band non-contiguous CA within FR1**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0247 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-215447)

**Decision:** The document was **agreed**.

**R5-215448 Update of A.4.3.2A.3.2 for implementation capabilities for NR intra-band non-contiguous CA within FR2**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0248 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is to update of A.4.3.2A.3.2 for implementation capabilities for NR intra-band non-contiguous CA within FR2

**Discussion:**

r1

**Decision:** The document was **revised to R5-215842**.

**R5-215842 Update of A.4.3.2A.3.2 for implementation capabilities for NR intra-band non-contiguous CA within FR2**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0248 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-215448)

**Decision:** The document was **agreed**.

**R5-215449 Update of A.4.3.2A.2.1 for implementation capabilities for NR intra-band contiguous CA within FR1**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0249 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is to update of A.4.3.2A.2.1 for implementation capabilities for NR intra-band contiguous CA within FR1

**Discussion:**

r1

**Decision:** The document was **revised to R5-215843**.

**R5-215843 Update of A.4.3.2A.2.1 for implementation capabilities for NR intra-band contiguous CA within FR1**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0249 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-215449)

**Decision:** The document was **agreed**.

**R5-215450 Update of A.4.3.2A.2.2 for implementation capabilities for NR intra-band contiguous CA within FR2**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0250 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is to update of A.4.3.2A.2.2 for implementation capabilities for NR intra-band contiguous CA within FR2

**Discussion:**

r1

**Decision:** The document was **revised to R5-215844**.

**R5-215844 Update of A.4.3.2A.2.2 for implementation capabilities for NR intra-band contiguous CA within FR2**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0250 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-215450)

**Decision:** The document was **agreed**.

**R5-215469 Update of beam peak vendor declarations**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0252 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

**Decision:** The document was **withdrawn**.

**R5-215581 CR on Antenna Aperture Declarations**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0255 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

Discussion Paper in R5-215580

**Decision:** The document was **agreed**.

##### 5.3.2.3 TS 38.509

##### 5.3.2.4 TS 38.521-1

###### 5.3.2.4.1 Tx Requirements (Clause 6)

**R5-214324 Update of NR FR1 General ON-OFF time mask test case**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1290 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216029**.

**R5-216029 Update of NR FR1 General ON-OFF time mask test case**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1290 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-214324)

**Decision:** The document was **agreed**.

**R5-214325 Update of NR FR1 SRS time mask test case**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1291 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216030**.

**R5-216030 Update of NR FR1 SRS time mask test case**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1291 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-214325)

**Decision:** The document was **agreed**.

**R5-214603 Unify the Terminology of normal condition in the test configuration tables**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1310 Cat: F (Rel-17)  
  
 Source: CAICT*

**Decision:** The document was **agreed**.

**R5-214604 Correction of subclause titles with appropriate styles**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1311 Cat: F (Rel-17)  
  
 Source: CAICT*

**Decision:** The document was **agreed**.

**R5-215043 Correcting test frequencies in test case 6.2D.4**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1313 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

**R5-215055 Correction of UTRA ACLR for inter-band CA**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1315 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215845**.

**R5-215845 Correction of UTRA ACLR for inter-band CA**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1315 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215055)

**Decision:** The document was **agreed**.

**R5-215163 Adding A-MPR NS\_06 test case for band 14 power class 1**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1320 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

TP analysis in R5-215164

**Discussion:**

r1

**Decision:** The document was **revised to R5-215846**.

**R5-215846 Adding A-MPR NS\_06 test case for band 14 power class 1**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1320 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-215163)

**Decision:** The document was **agreed**.

**R5-215165 Correction of test frequencies for A-MPR NS\_47**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1321 Cat: F (Rel-17)  
  
 Source: Ericsson, Keysight*

**Decision:** The document was **agreed**.

**R5-215213 Cleanup for spurious emission for UE co-existence table**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1330 Cat: F (Rel-17)  
  
 Source: Apple Italia S.R.L.*

**Abstract:**

Several cases harmonic exceptions are missed. RAN4 made several changes with R4-2107752 (Rel-15) and R4-2107776 (Rel-16).

**Discussion:**

small title change.

r1

**Decision:** The document was **revised to R5-216031**.

**R5-216031 Cleanup for spurious emission for UE co-existence table**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1330 rev 1 Cat: F (Rel-17)  
  
 Source: Apple Italia S.R.L.*

(Replaces R5-215213)

**Decision:** The document was **agreed**.

**R5-215214 Corrections on power tolerance for intra-band contiguous CA**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1331 Cat: F (Rel-17)  
  
 Source: Apple Italia S.R.L.*

**Abstract:**

Changed the UE power class lower tolerance in Table 6.2A.1.1-1 from -2 dB to -3 dB for Band n48, n77, n78 and n79.

**Decision:** The document was **agreed**.

**R5-215224 Update intra-band CA to 6.2A.2.1**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1332 Cat: F (Rel-17)  
  
 Source: Guangdong OPPO Mobile Telecom.*

**Discussion:**

r3

**Decision:** The document was **revised to R5-216032**.

**R5-216032 Update intra-band CA to 6.2A.2.1**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1332 rev 1 Cat: F (Rel-17)  
  
 Source: Guangdong OPPO Mobile Telecom.*

(Replaces R5-215224)

**Decision:** The document was **agreed**.

**R5-215225 Update p-Max of PCC of intra-band CA to 6.5A.1.1**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1333 Cat: F (Rel-17)  
  
 Source: Guangdong OPPO Mobile Telecom.*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216084**.

**R5-216084 Update p-Max of PCC of intra-band CA to 6.5A.1.1**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1333 rev 1 Cat: F (Rel-17)  
  
 Source: Guangdong OPPO Mobile Telecom.*

(Replaces R5-215225)

**Decision:** The document was **agreed**.

**R5-215284 Updating message contents for SUL test cases**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1335 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-215285 Removal of SUL band in NR single-carrier test cases**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1336 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-215286 Editorial correction to test case 6.2A.1 and 6.2A.2**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1337 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Editorial

**Decision:** The document was **agreed**.

**R5-215287 Correction to test procedure of test case 6.5.2.3 Additional SEM**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1338 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-215332 Update of requirement for spurious emission test case in 6.5A.3.2.1**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1350 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Decision:** The document was **agreed**.

**R5-215334 Correction of A-MPR test configuration for NS\_27 in 6.2.3**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1352 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Decision:** The document was **agreed**.

**R5-215335 Correction of A-SPR test configuration for NS\_17 in 6.5.3.3**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1353 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Decision:** The document was **agreed**.

**R5-215373 Update Test applicability to FR1 TC 6.3C.2**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1354 Cat: F (Rel-17)  
  
 Source: Bureau Veritas*

**Decision:** The document was **agreed**.

**R5-215459 Correction of 6.2.3 for UE additional maximum output power reduction**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1364 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is for the correction of 6.2.3 for UE additional maximum output power reduction

**Discussion:**

r1

Anritsu agreed.

**Decision:** The document was **revised to R5-216085**.

**R5-216085 Correction of 6.2.3 for UE additional maximum output power reduction**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1364 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-215459)

**Decision:** The document was **agreed**.

**R5-215461 Correction of 6.2.1 for UE capability IE for maximum output power**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1365 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is for correction of 6.2.1 for UE capability IE for maximum output power

**Discussion:**

r1

**Decision:** The document was **revised to R5-216086**.

**R5-216086 Correction of 6.2.1 for UE capability IE for maximum output power**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1365 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-215461)

**Decision:** The document was **agreed**.

**R5-215472 Correction of test configuration in test case 6.5.2.2.2**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1368 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-215544 Update to the coherent UL-MIMO test case**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1373 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216033**.

**R5-216033 Update to the coherent UL-MIMO test case**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1373 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215544)

**Decision:** The document was **agreed**.

**R5-215566 Correction to test applicability for different NS value**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1377 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Discussion:**

title on cover different.

r2

**Decision:** The document was **revised to R5-216034**.

**R5-216034 Correction to test applicability for different NS value**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1377 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

(Replaces R5-215566)

**Decision:** The document was **agreed**.

**R5-215573 Update for 6.5.4 Transmit intermodulation**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1378 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Decision:** The document was **agreed**.

###### 5.3.2.4.2 Rx Requirements (Clause 7)

**R5-214598 Addition of reference section for TDD DL reference measurement channels in 7.1**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1305 Cat: F (Rel-17)  
  
 Source: CAICT*

**Decision:** The document was **agreed**.

**R5-214599 Correction of test SCS in the test configuration table**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1306 Cat: F (Rel-17)  
  
 Source: CAICT*

**Decision:** The document was **agreed**.

**R5-214600 Correction of Test Frequencies in the test configuration table**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1307 Cat: F (Rel-17)  
  
 Source: CAICT*

**Decision:** The document was **agreed**.

**R5-214601 Correction of Test Frequencies for NR band n28 and30MHz test channel bandwidth in the test configuration table**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1308 Cat: F (Rel-17)  
  
 Source: CAICT*

**Decision:** The document was **agreed**.

**R5-215318 Updating FR1 RMC for Rx test cases**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1349 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **withdrawn**.

**R5-215333 Correction to test configuration in 7.3A.1**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1351 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216035**.

**R5-216035 Correction to test configuration in 7.3A.1**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1351 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-215333)

**Decision:** The document was **agreed**.

**R5-215382 Updating FR1 RMC for Rx test cases**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1355 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **withdrawn**.

###### 5.3.2.4.3 Clauses 1-5, Annexes

**R5-214602 Alignment of UL measurement channels in Annex A.2 with the core spec**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1309 Cat: F (Rel-17)  
  
 Source: CAICT*

**Discussion:**

avoid overlapping with R5-214941.

**Decision:** The document was **withdrawn**.

**R5-214941 Update of FR1 UL RMCs**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1312 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz, CAICT*

**Discussion:**

r2

**Decision:** The document was **revised to R5-215847**.

**R5-215847 Update of FR1 UL RMCs**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1312 rev 1 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz, CAICT*

(Replaces R5-214941)

**Decision:** The document was **agreed**.

##### 5.3.2.5 TS 38.521-2

###### 5.3.2.5.1 Tx Requirements (Clause 6)

**R5-214327 Update to FR2 minimum output power test case**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0556 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

late doc

R&S: We prefer to keep the relaxation R in the test requirement clause in order to make clear which power level is to be considered in the MU assessment of test systems.

Therefore we suggest to update the TT formula as follows:

TT = max(R, ΔSNRmr + 0.65 x (MTSUIFF – 1.0) – R

With this approach the relaxation is kept normative in the test requirement section as opposed to the TT Annex which is informative.

r3

**Decision:** The document was **revised to R5-216087**.

**R5-216087 Update to FR2 minimum output power test case**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0556 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-214327)

**Decision:** The document was **agreed**.

**R5-214328 Update to FR2 ACLR test case**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0557 Cat: F (Rel-16)  
  
 Source: Ericsson, Anritsu*

**Abstract:**

depends on the verdict of the proposals in discussion paper R5-214326.

**Discussion:**

late doc

r4

**Decision:** The document was **revised to R5-216088**.

**R5-216088 Update to FR2 ACLR test case**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0557 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson, Anritsu*

(Replaces R5-214328)

**Decision:** The document was **agreed**.

**R5-215848 Introduction of new clause 6.3A.4.4 and Minimum conformance requirements**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0558 rev 1 Cat: F (Rel-16)  
  
 Source: 3in*

(Replaces R5-214383)

**Decision:** The document was **agreed**.

**R5-214393 Introduction of Aggregate power tolerance for CA (2UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0559 Cat: F (Rel-16)  
  
 Source: 3in*

**Decision:** The document was **withdrawn**.

**R5-214396 Introduction of Aggregate power tolerance for CA (3UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0560 Cat: F (Rel-16)  
  
 Source: 3in*

**Decision:** The document was **withdrawn**.

**R5-214397 Introduction of Aggregate power tolerance for CA (4UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0561 Cat: F (Rel-16)  
  
 Source: 3in*

**Decision:** The document was **withdrawn**.

**R5-214398 Introduction of Aggregate power tolerance for CA (5UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0562 Cat: F (Rel-16)  
  
 Source: 3in*

**Decision:** The document was **withdrawn**.

**R5-214399 Introduction of Aggregate power tolerance for CA (6UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0563 Cat: F (Rel-16)  
  
 Source: 3in*

**Decision:** The document was **withdrawn**.

**R5-214400 Introduction of Aggregate power tolerance for CA (7UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0564 Cat: F (Rel-16)  
  
 Source: 3in*

**Decision:** The document was **withdrawn**.

**R5-214452 Introduction of new TC 6.3A.4.4.1 Aggregate power tolerance for CA (2UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0565 Cat: F (Rel-16)  
  
 Source: 3in*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215849**.

**R5-215849 Introduction of new TC 6.3A.4.4.1 Aggregate power tolerance for CA (2UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0565 rev 1 Cat: F (Rel-16)  
  
 Source: 3in*

(Replaces R5-214452)

**Decision:** The document was **agreed**.

**R5-214453 Introduction of new TC 6.3A.4.4.2 Aggregate power tolerance for CA (3UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0566 Cat: F (Rel-16)  
  
 Source: 3in*

**Discussion:**

r2

**Decision:** The document was **revised to R5-215850**.

**R5-215850 Introduction of new TC 6.3A.4.4.2 Aggregate power tolerance for CA (3UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0566 rev 1 Cat: F (Rel-16)  
  
 Source: 3in*

(Replaces R5-214453)

**Decision:** The document was **agreed**.

**R5-214454 Introduction of new TC 6.3A.4.4.3 Aggregate power tolerance for CA (4UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0567 Cat: F (Rel-16)  
  
 Source: 3in*

**Discussion:**

r2

**Decision:** The document was **revised to R5-215851**.

**R5-215851 Introduction of new TC 6.3A.4.4.3 Aggregate power tolerance for CA (4UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0567 rev 1 Cat: F (Rel-16)  
  
 Source: 3in*

(Replaces R5-214454)

**Decision:** The document was **agreed**.

**R5-214455 Introduction of new TC 6.3A.4.4.4 Aggregate power tolerance for CA (5UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0568 Cat: F (Rel-16)  
  
 Source: 3in*

**Discussion:**

r2

**Decision:** The document was **revised to R5-215852**.

**R5-215852 Introduction of new TC 6.3A.4.4.4 Aggregate power tolerance for CA (5UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0568 rev 1 Cat: F (Rel-16)  
  
 Source: 3in*

(Replaces R5-214455)

**Decision:** The document was **agreed**.

**R5-214456 Introduction of new TC 6.3A.4.4.5 Aggregate power tolerance for CA (6UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0569 Cat: F (Rel-16)  
  
 Source: 3in*

**Discussion:**

r2

**Decision:** The document was **revised to R5-215853**.

**R5-215853 Introduction of new TC 6.3A.4.4.5 Aggregate power tolerance for CA (6UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0569 rev 1 Cat: F (Rel-16)  
  
 Source: 3in*

(Replaces R5-214456)

**Decision:** The document was **agreed**.

**R5-214457 Introduction of new TC 6.3A.4.4.6 Aggregate power tolerance for CA (7UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0570 Cat: F (Rel-16)  
  
 Source: 3in*

**Discussion:**

r2

**Decision:** The document was **revised to R5-215854**.

**R5-215854 Introduction of new TC 6.3A.4.4.6 Aggregate power tolerance for CA (7UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0570 rev 1 Cat: F (Rel-16)  
  
 Source: 3in*

(Replaces R5-214457)

**Decision:** The document was **agreed**.

**R5-214458 Introduction of new TC 6.3A.4.4.7 Aggregate power tolerance for CA (8UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0571 Cat: F (Rel-16)  
  
 Source: 3in*

**Discussion:**

r2

**Decision:** The document was **revised to R5-215855**.

**R5-215855 Introduction of new TC 6.3A.4.4.7 Aggregate power tolerance for CA (8UL CA)**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0571 rev 1 Cat: F (Rel-16)  
  
 Source: 3in*

(Replaces R5-214458)

**Decision:** The document was **agreed**.

**R5-214605 Removal of empty cells in the test configuration table**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0572 Cat: F (Rel-16)  
  
 Source: CAICT*

**Decision:** The document was **agreed**.

**R5-214608 Move the definition of cumulative aggregated channel bandwidth to the Definitions section**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0575 Cat: F (Rel-16)  
  
 Source: CAICT*

**Decision:** The document was **agreed**.

**R5-214904 Addition of new test case 6.4D.1 Frequency error for UL MIMO in FR2**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0580 Cat: F (Rel-16)  
  
 Source: TTA*

**Discussion:**

.doc

r2

**Decision:** The document was **revised to R5-215856**.

**R5-215856 Addition of new test case 6.4D.1 Frequency error for UL MIMO in FR2**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0580 rev 1 Cat: F (Rel-16)  
  
 Source: TTA*

(Replaces R5-214904)

**Decision:** The document was **agreed**.

**R5-214905 Update of test case 6.4D.3 Time alignment error for UL MIMO in FR2**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0581 Cat: F (Rel-16)  
  
 Source: TTA*

**Discussion:**

.doc

r1

**Decision:** The document was **revised to R5-215857**.

**R5-215857 Update of test case 6.4D.3 Time alignment error for UL MIMO in FR2**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0581 rev 1 Cat: F (Rel-16)  
  
 Source: TTA*

(Replaces R5-214905)

**Decision:** The document was **agreed**.

**R5-215056 Update to time mask for FR2 UL-MIMO**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0590 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215057 Cleaning up the specification skeleton**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0591 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Nokia*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215858**.

**R5-215858 Cleaning up the specification skeleton**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0591 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Nokia*

(Replaces R5-215057)

**Decision:** The document was **agreed**.

**R5-215263 Add missing LO retrieval step in ULCA carrier leakage test procedure**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0592 Cat: F (Rel-16)  
  
 Source: Qualcomm Wireless GmbH*

**Abstract:**

Partially addresses AP # 91e.22(a) as per agreement in discussion paper R5-214075 (R5#91e).

**Discussion:**

r1

**Decision:** The document was **revised to R5-216089**.

**R5-216089 Add missing LO retrieval step in ULCA carrier leakage test procedure**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0592 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Wireless GmbH*

(Replaces R5-215263)

**Decision:** The document was **agreed**.

**R5-215264 Editorial corrections for various test cases**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0593 Cat: F (Rel-16)  
  
 Source: Qualcomm Wireless GmbH*

**Abstract:**

Partially addresses ETSI TFES LS to RAN 5 “LS on the editorial issues of 5G-NR UE Specifications in 3GPP”.

This CR covers changes to Clauses 6 & 7’.

**Discussion:**

r1

**Decision:** The document was **revised to R5-215859**.

**R5-215859 Editorial corrections for various test cases**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0593 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Wireless GmbH*

(Replaces R5-215264)

**Decision:** The document was **agreed**.

**R5-215265 FR2 Spur emissions test config table updates and editor notes clean up**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0594 Cat: F (Rel-16)  
  
 Source: Qualcomm Wireless GmbH*

**Abstract:**

Making updates to test config tables as per CA spur emissions TP analysis CR R5-214071 agreed in R5#91e

**Discussion:**

r1

**Decision:** The document was **revised to R5-216090**.

**R5-216090 FR2 Spur emissions test config table updates and editor notes clean up**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0594 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Wireless GmbH*

(Replaces R5-215265)

**Decision:** The document was **agreed**.

**R5-215273 Correction of FR2 Carrier Leakage Test Case**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0595 Cat: F (Rel-16)  
  
 Source: Sporton, Keysight technologies UK Ltd*

**Discussion:**

Tdoc #

r1

**Decision:** The document was **revised to R5-215860**.

**R5-215860 Correction of FR2 Carrier Leakage Test Case**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0595 rev 1 Cat: F (Rel-16)  
  
 Source: Sporton, Keysight technologies UK Ltd*

(Replaces R5-215273)

**Decision:** The document was **agreed**.

**R5-215322 Correction of power control in 38.521-2**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0596 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

r1

r2, there was no time for comments, so discarded.

**Decision:** The document was **revised to R5-216091**.

**R5-216091 Correction of power control in 38.521-2**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0596 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-215322)

**Decision:** The document was **agreed**.

**R5-215325 Correction of ON OFF time mask in 38.521-2**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0597 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

withdrawn due to the related discussion paper.

**Decision:** The document was **withdrawn**.

**R5-215369 Update of TC6.2D.1 UE maximum output power for UL MIMO**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0600 Cat: F (Rel-16)  
  
 Source: SGS Wireless*

**Discussion:**

.doc

withdraw to avoid overlapping, and content will be merged into R5-215617.

**Decision:** The document was **withdrawn**.

**R5-215473 Clarification of PCC for FR2 DL CA**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0605 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-215474 Correction of common UL configuration**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0606 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-215477 Update of transmit modulation quality test cases**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0607 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Associated discussion paper in R5-215476

**Discussion:**

8/24:

Moderator (AT&T): As corresponding discussion paper was noted without proposals endorsed, this CR can be withdrawn.

**Decision:** The document was **withdrawn**.

**R5-215520 Updates to spurious emission CA test points**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0610 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd*

**Discussion:**

almost embedded in R5-215265.

**Decision:** The document was **withdrawn**.

**R5-215532 FR2 SA UL MIMO Out-of-band emissions initial conditions updates**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0611 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd, Sporton*

**Discussion:**

comments received from R&S.

r1

**Decision:** The document was **revised to R5-216036**.

**R5-216036 FR2 SA UL MIMO Out-of-band emissions initial conditions updates**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0611 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd, Sporton*

(Replaces R5-215532)

**Decision:** The document was **agreed**.

**R5-215535 FR2 SA UL MIMO Maximum Power Reduction update**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0613 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd, Sporton*

**Discussion:**

remove . In title

r1

**Decision:** The document was **revised to R5-216037**.

**R5-216037 FR2 SA UL MIMO Maximum Power Reduction update**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0613 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd, Sporton*

(Replaces R5-215535)

**Decision:** The document was **agreed**.

**R5-215583 MTSU and TT mapping related to Max Device Size**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0618 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

"Author notified no overlap.

8/24:

Moderator (AT&T): No comments and corresponding discussion paper apects endorsed. This CR can be provisionally agreed."

**Decision:** The document was **agreed**.

###### 5.3.2.5.2 Rx Requirements (Clause 7)

**R5-214606 Removal of brackets from the Minimum Conformance Requirements of Reference sensitivity power level for Intra-band non-contiguous CA**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0573 Cat: F (Rel-16)  
  
 Source: CAICT*

**Decision:** The document was **agreed**.

**R5-215339 Editors note correction to reference sensitivity for CA**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0599 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215861**.

**R5-215861 Editors note correction to reference sensitivity for CA**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0599 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-215339)

**Decision:** The document was **agreed**.

**R5-215584 MTSU and TT mapping related to Max Device Size**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0619 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

"8/24:

Moderator (AT&T): No comments and corresponding discussion paper apects endorsed. This CR can be provisionally agreed."

**Decision:** The document was **agreed**.

###### 5.3.2.5.3 Clauses 1-5, Annexes

**R5-214607 Alignment of UL measurement channels in Annex A.2.3 with the core spec**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0574 Cat: F (Rel-16)  
  
 Source: CAICT*

**Discussion:**

avoid overlapping with R5-214942.

**Decision:** The document was **withdrawn**.

**R5-214845 Correction to MU and TT for spurious emission band UE co-existence**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0579 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

is a duplication of R5-215329.

**Decision:** The document was **withdrawn**.

**R5-214942 Update of FR2 UL RMCs**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0589 Cat: F (Rel-16)  
  
 Source: Rohde & Schwarz, CAICT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215862**.

**R5-215862 Update of FR2 UL RMCs**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0589 rev 1 Cat: F (Rel-16)  
  
 Source: Rohde & Schwarz, CAICT*

(Replaces R5-214942)

**Decision:** The document was **agreed**.

**R5-215329 Correction to MU and TT for spurious emission band UE co-existence**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0598 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

"Moderator (AT&T): Duplicate CRs submitted in R5-214845 and R5-215329.

Anritsu: R5-214845(Anritsu) has been withdrawn to avoid conflict, others no conflicts

8/26:

Moderator (AT&T): No comments. This CR can be provisionally agreed."

**Decision:** The document was **agreed**.

**R5-215468 Update of beam peak search procedure**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0604 Cat: F (Rel-16)  
  
 Source: Rohde & Schwarz*

**Decision:** The document was **withdrawn**.

**R5-215517 Minor correction on UL additional reference channels parameters for TDD 60kHz SCS**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0609 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd, Qualcomm Incorporated*

**Discussion:**

R4-2114473 is agreeable.

**Decision:** The document was **agreed**.

**R5-215534 FR2 SA UL MIMO measurement uncertainties and test tolerances updates**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0612 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd, Sporton*

**Discussion:**

remove . in title

r3

**Decision:** The document was **revised to R5-215830**.

**R5-215830 FR2 SA UL MIMO measurement uncertainties and test tolerances updates**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0612 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd, Sporton*

(Replaces R5-215534)

**Decision:** The document was **agreed**.

**R5-215542 Editorial correction for Receiver Spurious Emissions Measurement Uncertainty**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0614 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215831**.

**R5-215831 Editorial correction for Receiver Spurious Emissions Measurement Uncertainty**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0614 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd*

(Replaces R5-215542)

**Decision:** The document was **agreed**.

**R5-215585 MTSU and TT mapping related to Max Device Size**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0620 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

"Author notified no overlap.

8/24:

Moderator (AT&T): No comments and corresponding discussion paper apects endorsed. This CR can be provisionally agreed."

**Decision:** The document was **agreed**.

**R5-215628 Beam correspondence Measurement Uncertainties**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0624 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd*

**Discussion:**

late doc

**Decision:** The document was **withdrawn**.

**R5-215631 38.521-2 CR FR2 ETC MU & TT updates**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0625 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd*

**Discussion:**

r1

DISH Network: because of the discussion in RAN4, we cannot agree to skipping UL-MIMO in ETC.

r2

**Decision:** The document was **revised to R5-216092**.

**R5-216092 38.521-2 CR FR2 ETC MU & TT updates**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0625 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd*

(Replaces R5-215631)

**Decision:** The document was **agreed**.

**R5-215641 Text correction to section clarifying leverage from NSA test coverage**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0630 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

**Decision:** The document was **agreed**.

##### 5.3.2.6 TS 38.521-3

###### 5.3.2.6.1 Tx Requirements (Clause 6)

**R5-214279 Introduction of Rel-15 EN-DC DC\_1A\_n28A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1031 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216007**.

**R5-216007 Introduction of Rel-15 EN-DC DC\_1A\_n28A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1031 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-214279)

**Decision:** The document was **agreed**.

**R5-214280 Introduction of Rel-15 EN-DC DC\_1A\_n77A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1032 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214245

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214281 Introduction of Rel-15 EN-DC DC\_1A\_n79A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1033 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214246

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214282 Introduction of Rel-15 EN-DC DC\_3A\_n28A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1034 Cat: F (Rel-17)  
  
 Source: Ericsson, Orange*

**Discussion:**

"TP analysis in R5-214247

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214283 Introduction of Rel-15 EN-DC DC\_3A\_n77A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1035 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214248

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214284 Introduction of Rel-15 EN-DC DC\_7A\_n28A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1036 Cat: F (Rel-17)  
  
 Source: Ericsson, Orange*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216008**.

**R5-216008 Introduction of Rel-15 EN-DC DC\_7A\_n28A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1036 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Orange*

(Replaces R5-214284)

**Decision:** The document was **agreed**.

**R5-214285 Introduction of Rel-15 EN-DC DC\_19A\_n77A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1037 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215863**.

**R5-215863 Introduction of Rel-15 EN-DC DC\_19A\_n77A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1037 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-214285)

**Decision:** The document was **agreed**.

**R5-214286 Introduction of Rel-15 EN-DC DC\_19A\_n78A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1038 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215864**.

**R5-215864 Introduction of Rel-15 EN-DC DC\_19A\_n78A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1038 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-214286)

**Decision:** The document was **agreed**.

**R5-214287 Introduction of Rel-15 EN-DC DC\_19A\_n79A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1039 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215865**.

**R5-215865 Introduction of Rel-15 EN-DC DC\_19A\_n79A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1039 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-214287)

**Decision:** The document was **agreed**.

**R5-214288 Introduction of Rel-15 EN-DC DC\_20A\_n28A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1040 Cat: F (Rel-17)  
  
 Source: Ericsson, Orange, Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216009**.

**R5-216009 Introduction of Rel-15 EN-DC DC\_20A\_n28A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1040 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Orange, Huawei, HiSilicon*

(Replaces R5-214288)

**Decision:** The document was **agreed**.

**R5-214289 Introduction of Rel-15 EN-DC DC\_20A\_n78A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1041 Cat: F (Rel-17)  
  
 Source: Ericsson, Huawei, HiSilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-215866**.

**R5-215866 Introduction of Rel-15 EN-DC DC\_20A\_n78A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1041 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Huawei, HiSilicon*

(Replaces R5-214289)

**Decision:** The document was **agreed**.

**R5-214290 Introduction of Rel-15 EN-DC DC\_21A\_n77A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1042 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214255

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214291 Introduction of Rel-15 EN-DC DC\_21A\_n78A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1043 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214256

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214292 Introduction of Rel-15 EN-DC DC\_21A\_n79A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1044 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214257

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214293 Introduction of Rel-15 EN-DC DC\_28A\_n77A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1045 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214258

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214294 Introduction of Rel-15 EN-DC DC\_28A\_n78A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1046 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-214295 Introduction of Rel-15 EN-DC DC\_28A\_n79A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1047 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215867**.

**R5-215867 Introduction of Rel-15 EN-DC DC\_28A\_n79A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1047 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-214295)

**Decision:** The document was **agreed**.

**R5-214296 Introduction of Rel-15 EN-DC DC\_42A\_n77A to spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1048 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214261

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214297 Update of Rel-15 EN-DC DC\_1A\_n78A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1049 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216038**.

**R5-216038 Update of Rel-15 EN-DC DC\_1A\_n78A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1049 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-214297)

**Decision:** The document was **agreed**.

**R5-214298 Update of Rel-15 EN-DC DC\_3A\_n79A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1050 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214263

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214299 Update of Rel-15 EN-DC DC\_5A\_n66A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1051 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214264

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214300 Update of Rel-15 EN-DC DC\_5A\_n78A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1052 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215868**.

**R5-215868 Update of Rel-15 EN-DC DC\_5A\_n78A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1052 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-214300)

**Decision:** The document was **agreed**.

**R5-214301 Update of Rel-15 EN-DC DC\_7A\_n78A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1053 Cat: F (Rel-17)  
  
 Source: Ericsson, Orange*

**Discussion:**

"TP analysis in R5-214266

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214302 Update of Rel-15 EN-DC DC\_11A\_n77A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1054 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214267

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214303 Update of Rel-15 EN-DC DC\_11A\_n78A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1055 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214268

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214304 Update of Rel-15 EN-DC DC\_11A\_n79A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1056 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214269

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.s no need to revise this as overlap will be removed by other CRs will remove this EN-DC Configuration.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214305 Update of Rel-15 EN-DC DC\_25A\_n41A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1057 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215869**.

**R5-215869 Update of Rel-15 EN-DC DC\_25A\_n41A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1057 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-214305)

**Decision:** The document was **agreed**.

**R5-214306 Update of Rel-15 EN-DC DC\_26A\_n77A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1058 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216010**.

**R5-216010 Update of Rel-15 EN-DC DC\_26A\_n77A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1058 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-214306)

**Decision:** The document was **agreed**.

**R5-214307 Update of Rel-15 EN-DC DC\_26A\_n78A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1059 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214272

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214308 Update of Rel-15 EN-DC DC\_39A\_n79A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1060 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214273

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214309 Update of Rel-15 EN-DC DC\_41A\_n77A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1061 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214274

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214310 Update of Rel-15 EN-DC DC\_41A\_n78A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1062 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214275

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214311 Update of Rel-15 EN-DC DC\_41A\_n79A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1063 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214276

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214312 Update of Rel-15 EN-DC DC\_66A\_n5A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1064 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214277

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214313 Update of Rel-15 EN-DC DC\_66A\_n78A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1065 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214278

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214335 Clarification of SA and NSA support in the UE**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1069 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

was wrong AI.

cover: "add in the UE"

r3

**Decision:** The document was **revised to R5-215870**.

**R5-215870 Clarification of SA and NSA support in the UE**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1069 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-214335)

**Decision:** The document was **agreed**.

**R5-214483 Clarification on NSA Option 3 Tx test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1072 Cat: F (Rel-17)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

**R5-214485 Addition of 6.4B.1.3A Frequency Error for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1074 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215871**.

**R5-215871 Addition of 6.4B.1.3A Frequency Error for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1074 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214485)

**Decision:** The document was **agreed**.

**R5-214486 Addition of 6.4B.2.3A.1 Error Vector Magnitude for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1075 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215872**.

**R5-215872 Addition of 6.4B.2.3A.1 Error Vector Magnitude for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1075 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214486)

**Decision:** The document was **agreed**.

**R5-214487 Addition of 6.4B.2.3A.2 Carrier Leakage for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1076 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215873**.

**R5-215873 Addition of 6.4B.2.3A.2 Carrier Leakage for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1076 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214487)

**Decision:** The document was **agreed**.

**R5-214488 Addition of 6.4B.2.3A.3 In-band Emissions for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1077 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215874**.

**R5-215874 Addition of 6.4B.2.3A.3 In-band Emissions for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1077 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214488)

**Decision:** The document was **agreed**.

**R5-214489 Addition of 6.4B.2.3A.4 EVM Equalizer Flatnessfor inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1078 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

late doc

**Decision:** The document was **withdrawn**.

**R5-214490 Addition of 6.5B.2.3A.1 Spectrum emissions mask for Inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1079 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215875**.

**R5-215875 Addition of 6.5B.2.3A.1 Spectrum emissions mask for Inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1079 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214490)

**Decision:** The document was **agreed**.

**R5-214491 Addition of 6.5B.2.3A.2 Additional Spectrum emissions mask for Inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1080 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215876**.

**R5-215876 Addition of 6.5B.2.3A.2 Additional Spectrum emissions mask for Inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1080 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214491)

**Decision:** The document was **agreed**.

**R5-214492 Addition of 6.5B.2.3A.3 Adjacent channel leakage ratio for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1081 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215877**.

**R5-215877 Addition of 6.5B.2.3A.3 Adjacent channel leakage ratio for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1081 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214492)

**Decision:** The document was **agreed**.

**R5-214493 Addition of 6.5B.3.3A.1 General Spurious Emissions for Inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1082 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215878**.

**R5-215878 Addition of 6.5B.3.3A.1 General Spurious Emissions for Inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1082 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214493)

**Decision:** The document was **agreed**.

**R5-214494 Addition of 6.5B.3.3A.2 Spurious Emission band UE co-existence for Inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1083 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

late doc

**Decision:** The document was **withdrawn**.

**R5-214495 Addition of 6.5B.5.3A Transmit Intermodulation for Inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1084 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215879**.

**R5-215879 Addition of 6.5B.5.3A Transmit Intermodulation for Inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1084 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214495)

**Decision:** The document was **agreed**.

**R5-214906 Editorial correction to test applicability in 6.2B.1.4\_1.1.1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1095 Cat: F (Rel-17)  
  
 Source: TTA*

**Abstract:**

Editorial Correction

**Discussion:**

.doc

r1

**Decision:** The document was **revised to R5-215880**.

**R5-215880 Editorial correction to test applicability in 6.2B.1.4\_1.1.1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1095 rev 1 Cat: F (Rel-17)  
  
 Source: TTA*

(Replaces R5-214906)

**Decision:** The document was **agreed**.

**R5-215047 Correcting references in EN-DC TX test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1096 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-215058 Addition of spurious emission for DC 1A\_n78A and 20A\_n78A and 28A\_n78A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1097 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215881**.

**R5-215881 Addition of spurious emission for DC 1A\_n78A and 20A\_n78A and 28A\_n78A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1097 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Ericsson*

(Replaces R5-215058)

**Decision:** The document was **agreed**.

**R5-215141 Update of TC6.3B.1.4D Minimum output power for inter-band EN-DC including FR2 for UL-MIMO**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1103 Cat: F (Rel-17)  
  
 Source: SGS Wireless*

**Discussion:**

.doc

r1 withdrawn!

**Decision:** The document was **revised to R5-215802**.

**R5-215802 Update of TC6.3B.1.4D Minimum output power for inter-band EN-DC including FR2 for UL-MIMO**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1103 rev 1 Cat: F (Rel-17)  
  
 Source: SGS Wireless*

(Replaces R5-215141)

**Decision:** The document was **withdrawn**.

**R5-215142 Addition of TC6.3B.2.4D Transmit OFF Power for inter-band EN-DC including FR2 for UL-MIMO**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1104 Cat: F (Rel-17)  
  
 Source: SGS Wireless*

**Discussion:**

.doc

r2

**Decision:** The document was **revised to R5-215882**.

**R5-215882 Addition of TC6.3B.2.4D Transmit OFF Power for inter-band EN-DC including FR2 for UL-MIMO**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1104 rev 1 Cat: F (Rel-17)  
  
 Source: SGS Wireless*

(Replaces R5-215142)

**Decision:** The document was **agreed**.

**R5-215143 Update of TC6.3B.3.4 Transmit ON/OFF time mask for inter-band EN-DC including FR2 (1 NR CC)**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1105 Cat: F (Rel-17)  
  
 Source: SGS Wireless*

**Discussion:**

.doc

withdrawn to avoid overlapping with R5-215326.

**Decision:** The document was **withdrawn**.

**R5-215144 Addition of TC6.3B.3.4D Transmit ON/OFF time mask for inter-band EN-DC including FR2 for UL-MIMO**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1106 Cat: F (Rel-17)  
  
 Source: SGS Wireless*

**Discussion:**

.doc

r2

**Decision:** The document was **revised to R5-215883**.

**R5-215883 Addition of TC6.3B.3.4D Transmit ON/OFF time mask for inter-band EN-DC including FR2 for UL-MIMO**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1106 rev 1 Cat: F (Rel-17)  
  
 Source: SGS Wireless*

(Replaces R5-215144)

**Decision:** The document was **agreed**.

**R5-215145 Addition of TC6.3B.4.4 PRACH Time Mask for inter-band EN-DC including FR2**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1107 Cat: F (Rel-17)  
  
 Source: SGS Wireless*

**Discussion:**

.doc

r2

**Decision:** The document was **revised to R5-215884**.

**R5-215884 Addition of TC6.3B.4.4 PRACH Time Mask for inter-band EN-DC including FR2**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1107 rev 1 Cat: F (Rel-17)  
  
 Source: SGS Wireless*

(Replaces R5-215145)

**Decision:** The document was **agreed**.

**R5-215194 Correction to 6.2B.2.1 MPR for intra-band contiguous EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1108 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215195 Correction to 6.2B.2.2 MPR for intra-band non-contiguous EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1109 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215196 Update of test applicability for 6.2B.2 MPR and 6.2B.3 A-MPR for inter-band EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1110 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Applicability in jumbo CR R5-21xxxx

**Discussion:**

r1

**Decision:** The document was **revised to R5-215885**.

**R5-215885 Update of test applicability for 6.2B.2 MPR and 6.2B.3 A-MPR for inter-band EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1110 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215196)

**Decision:** The document was **agreed**.

**R5-215207 Cleanup for TS 38.521-3 spurious emission for UE co-existence table for Rel-15**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1111 Cat: F (Rel-17)  
  
 Source: Apple Italia S.R.L.*

**Abstract:**

Several cases harmonic of harmonic exceptions are missed. This CR introduces harmonic exceptions for some bands. Spec 38.101-3 Rel-15 Table 6.5B.3.3.2-1 changed (R4-2107757). This CR aligns 38.521-3 with 38.101-3 spec.

**Discussion:**

r1

**Decision:** The document was **revised to R5-216011**.

**R5-216011 Cleanup for TS 38.521-3 spurious emission for UE co-existence table for Rel-15**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1111 rev 1 Cat: F (Rel-17)  
  
 Source: Apple Italia S.R.L.*

(Replaces R5-215207)

**Decision:** The document was **agreed**.

**R5-215208 Cleanup for TS 38.521-3 spurious emission for UE co-existence table Rel-16**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1112 Cat: F (Rel-17)  
  
 Source: Apple Italia S.R.L.*

**Abstract:**

Several cases harmonic of harmonic exceptions are missed. This CR introduces harmonic exceptions for some bands. Spec 38.101-3 Rel-16 clause Table 6.5B.3.3.2-1 changed (R4-2107766). This CR aligns 38.521-3 with TS 38.101-3.

**Discussion:**

r1

**Decision:** The document was **revised to R5-216012**.

**R5-216012 Cleanup for TS 38.521-3 spurious emission for UE co-existence table Rel-16**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1112 rev 1 Cat: F (Rel-17)  
  
 Source: Apple Italia S.R.L.*

(Replaces R5-215208)

**Decision:** The document was **agreed**.

**R5-215209 Correction to 6.5B.2.1.1 SEM for intra-band contiguous EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1113 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215210 Correction to 6.5B.2.1.3 ACLR for intra-band contiguous EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1114 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215211 Correction to 6.5B.2.2.1 SEM for intra-band non-contiguous EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1115 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216119**.

**R5-216119 Correction to 6.5B.2.2.1 SEM for intra-band non-contiguous EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1115 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215211)

**Decision:** The document was **agreed**.

**R5-215212 Correction to 6.5B.2.2.3 ACLR for intra-band non-contiguous EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1116 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216120**.

**R5-216120 Correction to 6.5B.2.2.3 ACLR for intra-band non-contiguous EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1116 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215212)

**Decision:** The document was **agreed**.

**R5-215223 Correction to 6.5B.3.1.2 and 6.5B.3.2.2 UE co-existence spurious emissions**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1118 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

"Author notified no overlap.

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED."

**Decision:** The document was **agreed**.

**R5-215228 Correction to 6.4B.2 in-band emission for intra-band contiguous EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1119 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TP in R5-215229

**Decision:** The document was **agreed**.

**R5-215230 Addition of test case body to 6.5B.5 transmit intermodulation**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1120 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215231 Update of MOP requirements for DC\_3A\_n3A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1121 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215886**.

**R5-215886 Update of MOP requirements for DC\_3A\_n3A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1121 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215231)

**Decision:** The document was **agreed**.

**R5-215268 Updated EN-DC spur emissions including FR2 editor notes**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1131 Cat: F (Rel-17)  
  
 Source: Qualcomm Wireless GmbH*

**Abstract:**

Updated editor notes to indicate completion for PC3 and indicates incompletion for PC1, PC2 and PC4.

**Discussion:**

r1

**Decision:** The document was **revised to R5-215887**.

**R5-215887 Updated EN-DC spur emissions including FR2 editor notes**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1131 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Wireless GmbH*

(Replaces R5-215268)

**Decision:** The document was **agreed**.

**R5-215272 Updated editors note to indicate missing LO retrieval RRC framework**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1132 Cat: F (Rel-17)  
  
 Source: Qualcomm Wireless GmbH*

**Abstract:**

Lack of LO retrieval RRC framework is missing in not captured in editors note. Updating editors note as agreed in discussion paper R5-214075 (R5#91e)

**Discussion:**

was already concluded.

**Decision:** The document was **revised to R5-216093**.

**R5-216093 Updated editors note to indicate missing LO retrieval RRC framework**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1132 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Wireless GmbH*

(Replaces R5-215272)

**Decision:** The document was **agreed**.

**R5-215323 Correction of power control in 38.521-3**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1138 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

"Author notified no overlap.

8/26:

Moderator (AT&T): No comments and corresponding discussion paper apects endorsed. This CR can be provisionally agreed."

**Decision:** The document was **agreed**.

**R5-215326 Correction of ON OFF time mask in 38.521-3**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1139 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

"R5-215143(SGS) has been withdrawn to avoid conflict

8/24:

Moderator (AT&T): As corresponding discussion paper was noted without proposals endorsed, this CR can be withdrawn."

**Decision:** The document was **withdrawn**.

**R5-215337 Correction of test CBW for n28 in 6.2B.1.3**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1140 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Decision:** The document was **agreed**.

**R5-215381 Updated to title of clause 6.5B.5.x**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1147 Cat: F (Rel-17)  
  
 Source: Bureau Veritas*

**Abstract:**

Editorial CR - TC title change to align with WP

**Discussion:**

wrong AI??????

**Decision:** The document was **agreed**.

**R5-215384 Update of cl 6.2B.1.1 for RF**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1148 Cat: F (Rel-17)  
  
 Source: CMCC, Qualcomm*

**Discussion:**

late doc

"LATE DOCUMENT

Discussion paper in R5-214482

Moderator (CMCC) week#1 summary:

Can be withdrawn since Prop 3 of 4482r3 can been endorsed.

Convenor: Based on week#1 moderator summary to create separate clause for NE-DC non-anchor agnostic test . Tag the CR ‘could be withdrawn’"

**Decision:** The document was **withdrawn**.

**R5-215385 Update of cl 6.2B.1.2 for RF**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1149 Cat: F (Rel-17)  
  
 Source: CMCC, Qualcomm*

**Discussion:**

"LATE DOCUMENT

Discussion paper in R5-214482

Moderator (CMCC) week#1 summary:

Can be withdrawn since Prop 3 of 4482r3 can been endorsed.

Convenor: Based on week#1 moderator summary to create separate clause for NE-DC non-anchor agnostic test . Tag the CR ‘could be withdrawn’"

**Decision:** The document was **withdrawn**.

**R5-215386 Update of cl 6.2B.1.3 for RF**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1150 Cat: F (Rel-17)  
  
 Source: CMCC, Qualcomm*

**Discussion:**

late doc

r1

"LATE DOCUMENT

Revised from: R5-215386.

Discussion paper in R5-214482

Moderator (CMCC) week#1 summary:

Can be withdrawn since Prop 3 of 4482r3 can been endorsed.

Convenor: Based on week#1 moderator summary to create separate clause for NE-DC non-anchor agnostic test . Tag the CR ‘could be withdrawn’

Revised to: R5-215813.

"

**Decision:** The document was **revised to R5-215813**.

**R5-215813 Update of cl 6.2B.1.3 for RF**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1150 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC, Qualcomm*

(Replaces R5-215386)

**Decision:** The document was **withdrawn**.

**R5-215475 Addition of test case 6.4B.2.4.5**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1156 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215888**.

**R5-215888 Addition of test case 6.4B.2.4.5**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1156 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-215475)

**Decision:** The document was **agreed**.

**R5-215519 Spurious co-existence core requirement updates for Dual connectivity including band n28 and other core requirement alignments**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1159 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd, Orange*

**Discussion:**

r3

R4-2114894 (revision of R4-2114390) is agreeable.

**Decision:** The document was **revised to R5-216131**.

**R5-216131 Spurious co-existence core requirement updates for Dual connectivity including band n28 and other core requirement alignments**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1159 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd, Orange*

(Replaces R5-215519)

**Decision:** The document was **agreed**.

**R5-215521 Updates to Editors note for spurious emission CA test case**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1160 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

**Decision:** The document was **agreed**.

**R5-215528 Occupied bandwidth for Intra-Band Contiguous EN-DC measurement uncertainty - notes**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1164 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

**Discussion:**

remove . in title

r2

w/d

**Decision:** The document was **revised to R5-215816**.

**R5-215816 Occupied bandwidth for Intra-Band Contiguous EN-DC measurement uncertainty - notes**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1164 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

(Replaces R5-215528)

**Decision:** The document was **withdrawn**.

**R5-215537 Editorial corrections to Spectrum emissions mask for intra-band contiguous EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1166 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

**Discussion:**

fully covered by R5-215209

**Decision:** The document was **withdrawn**.

**R5-215538 Message content updates for intra-band contiguous EN-DC additional spectrum emission mask test**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1167 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215889**.

**R5-215889 Message content updates for intra-band contiguous EN-DC additional spectrum emission mask test**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1167 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

(Replaces R5-215538)

**Decision:** The document was **agreed**.

**R5-215539 Message contents addition for intra-band non contiguous EN-DC SEM, A-SEM and ACLR test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1168 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215890**.

**R5-215890 Message contents addition for intra-band non contiguous EN-DC SEM, A-SEM and ACLR test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1168 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

(Replaces R5-215539)

**Decision:** The document was **agreed**.

**R5-215567 Update for 6.5B.3.3.1 for Rel 15 combos**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1170 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Abstract:**

TP in R5-215550, R5-215547

**Discussion:**

r2

**Decision:** The document was **revised to R5-216013**.

**R5-216013 Update for 6.5B.3.3.1 for Rel 15 combos**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1170 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

(Replaces R5-215567)

**Decision:** The document was **agreed**.

**R5-215572 CR coversheet:**

**Update for 6.5B.3.3.2 Spurious emission band UE co-existence**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1175 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Discussion:**

old title Update of Rel-15 spurious emission test case 6.5B.3.3.2

CR coversheet:

Update for 6.5B.3.3.2 Spurious emission band UE co-existence!

r1

**Decision:** The document was **revised to R5-215811**.

**R5-215811 CR coversheet:**

**Update for 6.5B.3.3.2 Spurious emission band UE co-existence**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1175 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

(Replaces R5-215572)

**Decision:** The document was **withdrawn**.

**R5-215804 Update of 6.5B.2.3 out of band emissions for inter-band EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1181 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

**R5-215808 Addition of cl 6.2B.1.3A for RF**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1182 Cat: F (Rel-17)  
  
 Source: CMCC, Qualcomm, Ericsson*

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-216039**.

**R5-216039 Addition of cl 6.2B.1.3A for RF**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1182 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC, Qualcomm, Ericsson*

(Replaces R5-215808)

**Decision:** The document was **agreed**.

###### 5.3.2.6.2 Rx Requirements (Clause 7)

**R5-214481 Update of Applicability and Titles for ACS for EN-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1071 Cat: F (Rel-17)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

**R5-214484 Clarification on NSA Option 3 Rx test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1073 Cat: F (Rel-17)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

**R5-214496 Addition of 7.3B.2.3A Reference sensitivity for Inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1085 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

late doc

**Decision:** The document was **withdrawn**.

**R5-214497 Addition of 7.4B.3A Maximum Input Level for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1086 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215891**.

**R5-215891 Addition of 7.4B.3A Maximum Input Level for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1086 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214497)

**Decision:** The document was **agreed**.

**R5-214498 Addition of 7.5B.3A ACS for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1087 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215892**.

**R5-215892 Addition of 7.5B.3A ACS for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1087 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214498)

**Decision:** The document was **agreed**.

**R5-214499 Addition of 7.6B.2.3A In-band blocking for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1088 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215893**.

**R5-215893 Addition of 7.6B.2.3A In-band blocking for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1088 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214499)

**Decision:** The document was **agreed**.

**R5-214500 Addition of 7.6B.4.3A Narrow band blocking for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1089 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215894**.

**R5-215894 Addition of 7.6B.4.3A Narrow band blocking for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1089 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214500)

**Decision:** The document was **agreed**.

**R5-214501 Addition of 7.8B.2.3A Wide band Intermodulation for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1090 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215895**.

**R5-215895 Addition of 7.8B.2.3A Wide band Intermodulation for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1090 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214501)

**Decision:** The document was **agreed**.

**R5-214502 Addition of 7.9B.3A Spurious Emissions for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1091 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215896**.

**R5-215896 Addition of 7.9B.3A Spurious Emissions for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1091 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214502)

**Decision:** The document was **agreed**.

**R5-214504 Addition of 7.5B.0.4a Inter-band NE-DC including FR2**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1093 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215897**.

**R5-215897 Addition of 7.5B.0.4a Inter-band NE-DC including FR2**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1093 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214504)

**Decision:** The document was **agreed**.

**R5-214846 Correction to EN-DC receiver spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1094 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Decision:** The document was **agreed**.

**R5-215049 Correcting references in EN-DC RX test cases**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1314 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

wrong spec, is -3!

reissued as R5-215668 because of wrong spec.

**Decision:** The document was **withdrawn**.

**R5-215061 Update of REFSENS for inter-band EN-DC 2CC adding DC\_28A\_n78A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1098 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215062 Update of REFSENS for inter-band EN-DC 3CC adding DC\_1A-28A\_n78A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1099 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215063 Update of REFSENS for inter-band EN-DC 3CC adding DC\_3A-28A\_n78A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1100 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215232 Addition of reference sensitivity testing for DC\_1A\_n28A-n78A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1122 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TP in R5-215236

**Decision:** The document was **agreed**.

**R5-215233 Addition of reference sensitivity testing for DC\_1A-3A\_n28A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1123 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TP in R5-215237

**Decision:** The document was **agreed**.

**R5-215234 Addition of reference sensitivity testing for DC\_1A-7A\_n28A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1124 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TP in R5-215238

**Decision:** The document was **agreed**.

**R5-215235 Addition of reference sensitivity testing for DC\_3A-7A\_n28A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1125 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TP in R5-215239

**Decision:** The document was **agreed**.

**R5-215254 Update of reference sensitivity test requirements for DC\_41A\_n77A and DC\_41A\_n78A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1126 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215255 Correction to reference sensitivity test configuration for 3CC EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1127 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215256 Update of reference sensitivity test coverage for 3CC EN-DC configurations**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1128 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TP in R5-215259

**Discussion:**

r1

**Decision:** The document was **revised to R5-216094**.

**R5-216094 Update of reference sensitivity test coverage for 3CC EN-DC configurations**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1128 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215256)

**Decision:** The document was **agreed**.

**R5-215257 Update of reference sensitivity test coverage for 4CC EN-DC configurations**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1129 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TP in R5-215259

**Decision:** The document was **agreed**.

**R5-215266 Added refsens deltaRIB test case for EN-DC including FR1 and FR2**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1130 Cat: F (Rel-17)  
  
 Source: Qualcomm Wireless GmbH*

**Abstract:**

Added new test case to align with core spec

**Decision:** The document was **agreed**.

**R5-215288 Updating 7.3B.2.3 REFSENS testing for DC\_3A\_n28A-n78A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1133 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TP in R5-215289

**Discussion:**

wrong spec on cover!

r1

**Decision:** The document was **revised to R5-215898**.

**R5-215898 Updating 7.3B.2.3 REFSENS testing for DC\_3A\_n28A-n78A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1133 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-215288)

**Decision:** The document was **agreed**.

**R5-215290 Updating 7.3B.2.3 REFSENS testing for DC\_7A\_n28A-n78A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1134 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TP in R5-215291

**Discussion:**

wrong spec on cover!

r1

**Decision:** The document was **revised to R5-215899**.

**R5-215899 Updating 7.3B.2.3 REFSENS testing for DC\_7A\_n28A-n78A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1134 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-215290)

**Decision:** The document was **agreed**.

**R5-215292 Updating 7.3B.2.3 REFSENS testing for DC\_3A-20A\_n28A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1135 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

RAN4 dependency

TP in R5-215293

**Decision:** The document was **agreed**.

**R5-215294 Updating 7.3B.2.3 REFSENS testing for DC\_7A-20A\_n28A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1136 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

RAN4 dependency

TP in R5-215295

**Decision:** The document was **agreed**.

**R5-215296 Editorial correction to clause 7.3B.2.0.3**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1137 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

RAN4 dependency

**Decision:** The document was **agreed**.

**R5-215338 Editors note correction to reference sensitivity for inter-band EN-DC including FR2**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1141 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215900**.

**R5-215900 Editors note correction to reference sensitivity for inter-band EN-DC including FR2**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1141 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-215338)

**Decision:** The document was **agreed**.

**R5-215387 Update of cl 7.3B.2.1 for RF**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1151 Cat: F (Rel-17)  
  
 Source: CMCC, Qualcomm*

**Discussion:**

late doc

"LATE DOCUMENT

Discussion paper in R5-214482

Moderator (CMCC) week#1 summary:

Can be withdrawn since Prop 3 of 4482r3 can been endorsed.

Convenor: Based on week#1 moderator summary to create separate clause for NE-DC non-anchor agnostic test . Tag the CR ‘could be withdrawn’"

**Decision:** The document was **withdrawn**.

**R5-215388 Update of cl 7.3B.2.2 for RF**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1152 Cat: F (Rel-17)  
  
 Source: CMCC, Qualcomm*

**Discussion:**

late doc

"LATE DOCUMENT

Discussion paper in R5-214482

Moderator (CMCC) week#1 summary:

Can be withdrawn since Prop 3 of 4482r3 can been endorsed.

Convenor: Based on week#1 moderator summary to create separate clause for NE-DC non-anchor agnostic test . Tag the CR ‘could be withdrawn’"

**Decision:** The document was **withdrawn**.

**R5-215389 Update of cl 7.3B.2.3 for RF**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1153 Cat: F (Rel-17)  
  
 Source: CMCC, Qualcomm*

**Discussion:**

late doc

"LATE DOCUMENT

Discussion paper in R5-214482

Moderator (CMCC) week#1 summary:

Can be withdrawn since Prop 3 of 4482r3 can been endorsed.

Convenor: Based on week#1 moderator summary to create separate clause for NE-DC non-anchor agnostic test . Tag the CR ‘could be withdrawn’"

**Decision:** The document was **withdrawn**.

**R5-215525 EN-DC including FR2 DL CA up to 8 NR CCs REFSENS test cases addition**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1162 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

**Discussion:**

remove . in title.

r2

Huawei agreed.

r3

**Decision:** The document was **revised to R5-215832**.

**R5-215832 EN-DC including FR2 DL CA up to 8 NR CCs REFSENS test cases addition**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1162 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

(Replaces R5-215525)

**Decision:** The document was **agreed**.

**R5-215568 Update for reference sensitivity for DC\_48A\_n66A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1171 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Discussion:**

CR coversheet was wrong: NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest.

r2

**Decision:** The document was **revised to R5-216108**.

**R5-216108 Update for reference sensitivity for DC\_48A\_n66A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1171 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

(Replaces R5-215568)

**Decision:** The document was **agreed**.

###### 5.3.2.6.3 Clauses 1-5, Annexes

**R5-214503 Update of Annex F.1.3 for ACS for inter-band NE-DC within FR1 2CCs**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1092 Cat: F (Rel-17)  
  
 Source: CMCC*

**Decision:** The document was **withdrawn**.

**R5-215131 Clarification on cl 4.5.1 test coverage across 5G NR architecture options for RF**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1101 Cat: F (Rel-17)  
  
 Source: CMCC, Qualcomm, Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216022**.

**R5-216022 Clarification on cl 4.5.1 test coverage across 5G NR architecture options for RF**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1101 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC, Qualcomm, Ericsson*

(Replaces R5-215131)

**Decision:** The document was **withdrawn**.

**R5-215376 Update to EN-DC R15 common section**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1142 Cat: F (Rel-17)  
  
 Source: Bureau Veritas*

**Abstract:**

Core spec alignment

**Decision:** The document was **agreed**.

**R5-215379 Update of R15 EN-DC Tx tests**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1145 Cat: F (Rel-17)  
  
 Source: Bureau Veritas*

**Abstract:**

Editorial CR - TC title/applicability change for LTE anchor-agnostic approach and 3GPP style update.

**Discussion:**

wrong AI NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest, is 5GS.

**Decision:** The document was **agreed**.

**R5-215460 Correction of 5.4B.1 for channel spacing for intra-band EN-DC carriers**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1155 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is for correction of 5.4B.1 for channel spacing for intra-band EN-DC carriers

**Decision:** The document was **agreed**.

**R5-215526 EN-DC including FR2 DL CA up to 8 NR CCs REFSENS test cases addition**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1163 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

**Discussion:**

remove . in title

reissued as R5-215673 because of title change (was identical to 5525).

**Decision:** The document was **withdrawn**.

**R5-215673 EN-DC including FR2 DL CA up to 8 NR CCs REFSENS measurement uncertainties**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1180 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

**Abstract:**

reissued from R5-215526 because of title change (was identical to 5525).

**Discussion:**

"LATE DOCUMENT reissued from R5-215526

Discussion paper in R5-215523

Author notified no overlap.

8/25:

Moderator (AT&T): No comments and corresponding discussion paper apects endorsed. Also, R5-215525r3 is agreeable. This CR can be provisionally agreed."

**Decision:** The document was **agreed**.

**R5-215529 Occupied bandwidth for Intra-Band Contiguous EN-DC measurement uncertainty**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1165 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

**Discussion:**

remove . in title

r1

w/d

**Decision:** The document was **revised to R5-215817**.

**R5-215817 Occupied bandwidth for Intra-Band Contiguous EN-DC measurement uncertainty**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1165 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

(Replaces R5-215529)

**Decision:** The document was **withdrawn**.

**R5-215540 Measurement Uncertainties and test tolerances for NSA FR2 CA Maximum Output Power and Spectrum Emission Mask**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1169 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

**Discussion:**

<Rel-17

r1

**Decision:** The document was **revised to R5-215833**.

**R5-215833 Measurement Uncertainties and test tolerances for NSA FR2 CA Maximum Output Power and Spectrum Emission Mask**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1169 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

(Replaces R5-215540)

**Decision:** The document was **agreed**.

**R5-215629 Beam correspondence Measurement Uncertainties**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1176 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd*

**Discussion:**

late doc

**Decision:** The document was **withdrawn**.

**R5-215640 Update to Rel.15 EN-DC FR2 Band Combination Tables**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1178 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

**Abstract:**

Cleanup to ensure only owned/assigned bands are included in RAN5 specs

**Discussion:**

suggestions received from Ericsson.

r1

**Decision:** The document was **revised to R5-216095**.

**R5-216095 Update to Rel.15 EN-DC FR2 Band Combination Tables**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1178 rev 1 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

(Replaces R5-215640)

**Decision:** The document was **agreed**.

##### 5.3.2.7 TS 38.521-4

###### 5.3.2.7.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-215342 Correction to reporting granularity for single PMI TCs**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0380 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

R4-2111898 Endorsed without revision.

**Decision:** The document was **agreed**.

**R5-215343 Correction to test time for measuring CQI in Sub-band CQI TCs**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0381 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Decision:** The document was **agreed**.

**R5-215345 Correction to DCI bitlength for test 1-5 and 1-6 in TC 5.2.2.2.1\_1 and 5.2.3.2.1\_1**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0383 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Decision:** The document was **agreed**.

**R5-215346 Correction to dedicated CORESET ID setting in PDCCH-Config for Standalone**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0384 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216040**.

**R5-216040 Correction to dedicated CORESET ID setting in PDCCH-Config for Standalone**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0384 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-215346)

**Decision:** The document was **agreed**.

**R5-215390 Update of cl 5.2.2.1.1\_1 for Demod**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0386 Cat: F (Rel-17)  
  
 Source: CMCC, Qualcomm*

**Discussion:**

late doc

reissued as R5-215667 because of wrong Rel.

**Decision:** The document was **withdrawn**.

**R5-215470 Correction of message exceptions in PDCCH test cases**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0387 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-215471 Update of message exceptions**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0388 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216041**.

**R5-216041 Update of message exceptions**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0388 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-215471)

**Decision:** The document was **agreed**.

**R5-215665 Editorial correction to the section 6.2.2.2.2 title**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0396 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

**Decision:** The document was **agreed**.

**R5-215666 Update to test coverage across 5G NR architecture options for Demod scenarios**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0397 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

**Decision:** The document was **agreed**.

**R5-215667 Update of cl 5.2.2.1.1\_1 for Demod**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0398 Cat: F (Rel-16)  
  
 Source: CMCC, Qualcomm*

**Abstract:**

reissued from R5-215390 because of wrong Rel.

**Discussion:**

late doc

r2

**Decision:** The document was **revised to R5-216023**.

**R5-216023 Update of cl 5.2.2.1.1\_1 for Demod**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0398 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC, Qualcomm*

(Replaces R5-215667)

**Decision:** The document was **withdrawn**.

###### 5.3.2.7.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

**R5-214203 Update of FR2 demod test cases**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0336 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Anritsu, Qualcomm*

**Abstract:**

Associated discussion paper in R5-214202

**Discussion:**

r3

**Decision:** The document was **revised to R5-216096**.

**R5-216096 Update of FR2 demod test cases**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0336 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Anritsu, Qualcomm*

(Replaces R5-214203)

**Decision:** The document was **agreed**.

**R5-214847 Correction to maximum testable SNR for FR2 tests**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0344 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Decision:** The document was **withdrawn**.

**R5-214901 Update FR2 RI test configuration update for TS 38.521-4**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0346 Cat: F (Rel-16)  
  
 Source: Apple Italia S.R.L.*

**Abstract:**

Changed the TDD slot configuration specified in table 8.4.2.2-1 from “FR1.120-2” to ”FR2.120-2”. Updated the aperiodic report slot offset for RI reporting test according to TS 38.101-4 Table 8.4.2.2-1.

**Discussion:**

spec & title corr.

r1

**Decision:** The document was **revised to R5-215901**.

**R5-215901 Update FR2 RI test configuration update for TS 38.521-4**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0346 rev 1 Cat: F (Rel-16)  
  
 Source: Apple Italia S.R.L.*

(Replaces R5-214901)

**Decision:** The document was **agreed**.

**R5-215344 Editorial error correction in Section 7 and 8**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0382 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215902**.

**R5-215902 Editorial error correction in Section 7 and 8**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0382 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-215344)

**Decision:** The document was **agreed**.

**R5-215347 Clean-up of parameter settings and message contents in 8.4.2.2.1**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0385 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

r1

R4-2111893 .Endorsed without revision

**Decision:** The document was **revised to R5-216021**.

**R5-216021 Clean-up of parameter settings and message contents in 8.4.2.2.1**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0385 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-215347)

**Decision:** The document was **agreed**.

**R5-215609 MTSU and TT mapping related to Max Device Size in TS 38.521-4**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0390 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

"8/24:

Moderator (AT&T): No comments and corresponding discussion paper apects endorsed. This CR can be provisionally agreed."

**Decision:** The document was **agreed**.

**R5-215662 Update to max testable SNR for 8.2.2.2.2.1**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0393 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

**Discussion:**

no cl. aff.

merged into R&S' doc R5-214203.

**Decision:** The document was **withdrawn**.

###### 5.3.2.7.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

**R5-215610 Update 9.4B.1.1 message content**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0391 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Decision:** The document was **agreed**.

**R5-215659 Update to FR2 NSA SDR TC 9.4B.1.2**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0392 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

**Decision:** The document was **revised to R5-216118**.

**R5-216118 Update to FR2 NSA SDR TC 9.4B.1.2**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0392 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

(Replaces R5-215659)

**Decision:** The document was **agreed**.

###### 5.3.2.7.4 Clauses 1-4, Annexes

**R5-215065 Core spec alignment of RMC**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0353 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215132 Clarification on cl 4.6 test coverage across 5G NR architecture options for Demod**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0373 Cat: F (Rel-16)  
  
 Source: CMCC, Qualcomm, Ericsson*

**Discussion:**

r4

**Decision:** The document was **revised to R5-216024**.

**R5-216024 Clarification on cl 4.6 test coverage across 5G NR architecture options for Demod**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0373 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC, Qualcomm, Ericsson*

(Replaces R5-215132)

**Decision:** The document was **withdrawn**.

##### 5.3.2.8 TS 38.522

**R5-214380 Change title of iRAT test cases for clarity - Applicability**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0079 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

To merge them into R5-215372 in order to simplify the implementation of the applicability tables in TS 38.522.

**Decision:** The document was **withdrawn**.

**R5-214609 Correction of condition C30 C37 C37a C41 C41a and introduction of condition C37b and C37c**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0084 Cat: F (Rel-17)  
  
 Source: CAICT*

**Decision:** The document was **agreed**.

**R5-214950 Update to applicability spec for CSI-RS based RLM test cases**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0087 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

was wrong ver + Rel in 3GU! no cl. aff.

r1?

maybe include in BV's jumbo CR.

merged with R5-215372.

**Decision:** The document was **withdrawn**.

**R5-214952 Update to applicability spec for test cases requiring gap pattern ID 4**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0088 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

was wrong ver + Rel in 3GU!

**Decision:** The document was **withdrawn**.

**R5-214980 Correction to applicability of NR TCs**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0089 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

merge into BV’s jumbo CR.

**Decision:** The document was **withdrawn**.

**R5-215350 Addition of UE measurement capabilities for SFTD measurement**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0100 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

conflicts with R5-215372 (merged from R5-214980).

**Decision:** The document was **withdrawn**.

**R5-215372 Update to applicability spec for 5G test cases**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0101 Cat: F (Rel-17)  
  
 Source: Bureau Veritas, China Mobile, MediaTek Inc., Huawei, HiSilicon, Ericsson, ROHDE & SCHWARZ, TTA, Qualcomm Incorporated, Anritsu, CAICT*

**Abstract:**

TS38.522 Jumbo CR for WIC "5GS\_NR\_LTE-UEConTest"

**Discussion:**

r1

 merged content of R5-214980(HW), R5-214950(QC), R5-214380 (R&S) and R5-215435(R&S)

r3

**Decision:** The document was **revised to R5-216097**.

**R5-216097 Update to applicability spec for 5G test cases**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0101 rev 1 Cat: F (Rel-17)  
  
 Source: Bureau Veritas, China Mobile, MediaTek Inc., Huawei, HiSilicon, Ericsson, ROHDE & SCHWARZ, TTA, Qualcomm Incorporated, Anritsu, CAICT*

(Replaces R5-215372)

**Decision:** The document was **agreed**.

**R5-215435 Add 5.3.2.2.1 and 5.3.2.2.2 to applicability test spec**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0104 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

To merge them into R5-215372 in order to simplify the implementation of the applicability tables in TS 38.522.

**Decision:** The document was **withdrawn**.

##### 5.3.2.9 TS 38.533

###### 5.3.2.9.1 EN-DC with all NR cells in FR1 (Clause 4)

**R5-214338 Change to EN-DC L1-RSRP test cases to add evaluation rules**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1238 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215903**.

**R5-215903 Change to EN-DC L1-RSRP test cases to add evaluation rules**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1238 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214338)

**Decision:** The document was **agreed**.

**R5-214339 Correction to 4.5.1.1 message contents and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1239 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214340 Correction to 4.5.1.2 core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1240 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215904**.

**R5-215904 Correction to 4.5.1.2 core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1240 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214340)

**Decision:** The document was **agreed**.

**R5-214341 Correction to 4.5.1.3 message contents and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1241 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215905**.

**R5-215905 Correction to 4.5.1.3 message contents and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1241 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214341)

**Decision:** The document was **agreed**.

**R5-214342 Correction to 4.5.1.4 core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1242 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214343 Correction to 4.5.1.5 message contents and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1243 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214344 Correction to 4.5.1.7 message contents and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1244 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215906**.

**R5-215906 Correction to 4.5.1.7 message contents and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1244 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214344)

**Decision:** The document was **agreed**.

**R5-214345 Correction to 4.4.1.1 and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1245 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214346 Correction to 4.5.7.1 and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1246 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

fully contained in R5-214687.

**Decision:** The document was **withdrawn**.

**R5-214407 Clarification of test procedure for 4.3.2.2.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1281 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214408 Corrections to 4.7.1.x.y SS-RSRP test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1282 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214409 Corrections to 4.7.2.x SS-RSRQ test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1283 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214410 Corrections to 4.7.3.x SS-SINR test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1284 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214411 Corrections to 4.5.1.6**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1285 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214412 Corrections to 4.5.1.8**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1286 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214522 Update of applicability for RLM TC 4.6.1.3 and 4.6.1.6**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1305 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-214687 Correction to 4.5.7.1EN-DC FR1 addition and release delay of known PSCell**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1325 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

4.5.7.1

**Decision:** The document was **agreed**.

**R5-214690 Correction to FR1 Beam Failure Detection and Link Recovery tests**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1328 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

4.5.5.1, 4.5.5.2, 4.5.5.3, 4.5.5.4, 6.5.5.1, 6.5.5.2, 6.5.5.3, 6.5.5.4

**Discussion:**

r1

**Decision:** The document was **revised to R5-216042**.

**R5-216042 Correction to FR1 Beam Failure Detection and Link Recovery tests**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1328 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-214690)

**Decision:** The document was **agreed**.

**R5-214691 Correction to FR1 and FR2 event-triggered reporting with gap tests**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1329 Cat: F (Rel-16)  
  
 Source: Anritsu, MediaTek Inc.*

**Abstract:**

4.6.1.4, 5.6.1.4

**Discussion:**

r1

**Decision:** The document was **revised to R5-215907**.

**R5-215907 Correction to FR1 and FR2 event-triggered reporting with gap tests**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1329 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu, MediaTek Inc.*

(Replaces R5-214691)

**Decision:** The document was **agreed**.

**R5-214920 Correction message contents 4.3.2.2.2**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1339 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216043**.

**R5-216043 Correction message contents 4.3.2.2.2**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1339 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214920)

**Decision:** The document was **agreed**.

**R5-214949 Update to applicability of test cases on CSI-RS based RLM**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1345 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

coversheet!

r2

**Decision:** The document was **revised to R5-216044**.

**R5-216044 Update to applicability of test cases on CSI-RS based RLM**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1345 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-214949)

**Decision:** The document was **agreed**.

**R5-214981 Correction to FR1 EN-DC TC 4.5.7.1-PSCell addition**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1347 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216132**.

**R5-216132 Correction to FR1 EN-DC TC 4.5.7.1-PSCell addition**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1347 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-214981)

**Decision:** The document was **agreed**.

**R5-214982 Correction to FR1 EN-DC TCs-BWP switching**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1348 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216133**.

**R5-216133 Correction to FR1 EN-DC TCs-BWP switching**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1348 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-214982)

**Decision:** The document was **agreed**.

**R5-214983 Correction to FR1 EN-DC TCs-RLM**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1349 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-214984 Correction to FR1 EN-DC TCs-SCell activation**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1350 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216134**.

**R5-216134 Correction to FR1 EN-DC TCs-SCell activation**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1350 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-214984)

**Decision:** The document was **agreed**.

**R5-215365 Core spec alignment to add CCR configuration for EN-DC PRACH**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1406 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

R4-2112613 Endorsed.

**Decision:** The document was **agreed**.

**R5-215366 Core spec alignment to add CCR configuration for EN-DC Timing**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1407 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

R4-2112613 Endorsed.

**Decision:** The document was **agreed**.

**R5-215367 Core spec alignment to add CCR configuration for EN-DC event triggered**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1408 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

R4-2112613 Endorsed.

**Decision:** The document was **agreed**.

**R5-215649 Updates to DCI based BWP switch NSA FR1 TC 4.5.6.1.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1445 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

**Discussion:**

merged into into R5-214982?

r1

**Decision:** The document was **revised to R5-216045**.

**R5-216045 Updates to DCI based BWP switch NSA FR1 TC 4.5.6.1.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1445 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

(Replaces R5-215649)

**Decision:** The document was **agreed**.

**R5-215650 Updates to DCI based BWP switch NSA FR1 2DLCA TC 4.5.6.1.2**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1446 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

**Discussion:**

merged into into R5-214982?

r1

**Decision:** The document was **revised to R5-216046**.

**R5-216046 Updates to DCI based BWP switch NSA FR1 2DLCA TC 4.5.6.1.2**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1446 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

(Replaces R5-215650)

**Decision:** The document was **agreed**.

**R5-215651 Updates to RRC based BWP switch NSA FR1 TC 4.5.6.2.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1447 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

**Discussion:**

merged into into R5-214982?

r1

**Decision:** The document was **revised to R5-216047**.

**R5-216047 Updates to RRC based BWP switch NSA FR1 TC 4.5.6.2.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1447 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

(Replaces R5-215651)

**Decision:** The document was **agreed**.

**R5-215655 Update to applicability statement to include gap pattern id 13 for applicable NSA event triggered test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1451 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

**Discussion:**

"QC: ongoing discussion with Keysight to resolve overlap

Author confirmed no overlap as R5-215623(KS) withdrawn"

**Decision:** The document was **agreed**.

**R5-215656 TRS configuration update to NSA FR1 TC 6.5.4.1.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1452 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

**Decision:** The document was **agreed**.

###### 5.3.2.9.2 EN-DC with at least 1 NR Cell in FR2 (Clause5)

**R5-214191 Completion 5.7.1.2 including TT analysis results**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1228 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

R4-2112625 Endorsed.

r3

**Decision:** The document was **revised to R5-216048**.

**R5-216048 Completion 5.7.1.2 including TT analysis results**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1228 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214191)

**Decision:** The document was **agreed**.

**R5-214192 Completion 5.7.2.2 including TT analysis results**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1229 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

R4-2112625 Endorsed.

r1

**Decision:** The document was **revised to R5-216049**.

**R5-216049 Completion 5.7.2.2 including TT analysis results**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1229 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214192)

**Decision:** The document was **agreed**.

**R5-214193 Completion 5.7.3.2 including TT analysis results**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1230 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

R4-2112625 Endorsed.

r2

**Decision:** The document was **revised to R5-216050**.

**R5-216050 Completion 5.7.3.2 including TT analysis results**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1230 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214193)

**Decision:** The document was **agreed**.

**R5-214347 Editorial corrections and core spec alignment for 5.7.1.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1247 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214348 Editorial corrections and core spec alignment for 5.7.2.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1248 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214349 Editorial corrections and core spec alignment for 5.7.3.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1249 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214350 Core spec alignment for 5.6.1.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1250 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214351 Core spec alignment for 5.6.1.2**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1251 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214352 Core spec alignment for 5.6.1.3**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1252 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214353 Core spec alignment for 5.6.1.4**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1253 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214354 Correction to 5.6.2.1 message contents**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1254 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214355 Correction to 5.6.2.2 message contents**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1255 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214356 Correction to 5.6.2.3 message contents**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1256 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214357 Correction to 5.6.2.4 message contents**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1257 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214358 Correction to 5.6.2.5 message contents**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1258 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214359 Correction to 5.6.2.6 message contents**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1259 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214360 Correction to 5.6.2.7 message contents**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1260 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214361 Correction to 5.6.2.8 message contents**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1261 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214413 Core spec alignment of EN-DC FR2 PRACH**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1287 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

R4-2112616 Endorsed.

**Decision:** The document was **agreed**.

**R5-214523 Correction of specific message content for EN-DC FR2 TC 5.6.1.4**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1306 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **withdrawn**.

**R5-214682 Correction to FR2 event-triggered reporting in DRX test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1320 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

5.6.2.2, 5.6.2.4

**Decision:** The document was **agreed**.

**R5-214693 Clean up on editor notes for FR2 test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1331 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

5.6.1.2, 5.6.1.4

**Decision:** The document was **agreed**.

**R5-214694 Correction to FR2 SSB-based L1-RSRP measurement tests**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1332 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

5.6.3.1, 5.6.3.2, H.3.6

**Discussion:**

covered by E/// CR R5-215416-7.

**Decision:** The document was **withdrawn**.

**R5-214712 Correction to EN-DC FR2 interruptions at transitions between active and non-active during DRX**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1336 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

5.5.2.1, 5.5.2.2, F.1

**Discussion:**

r3

**Decision:** The document was **revised to R5-216098**.

**R5-216098 Correction to EN-DC FR2 interruptions at transitions between active and non-active during DRX**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1336 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-214712)

**Decision:** The document was **agreed**.

**R5-214985 Correction to FR2 EN-DC TCs-RLM**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1351 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

"RAN4 dependent draftCR R4-2113966 (Endorsed)

HW: R5-214985 is aligned with R4-2113966, can be agreed"

**Decision:** The document was **agreed**.

**R5-214986 Correction to FR2 EN-DC TCs-SCell activation**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1352 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

"RAN4 dependent draftCR R4-2113969 revised to R4-2115268 (Endorsed)

HW: R5-214986 is aligned with R4-2113969 and not related to the new changes made in R4-2115268, can be agreed."

**Decision:** The document was **agreed**.

**R5-215417 Correction of RRM EN-DC FR2 SSB-based L1-RSRP measurement in non-DRX test case 5.6.3.1 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1422 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test Case completion including Test Tolerance

**Discussion:**

r3

deferred.

**Decision:** The document was **revised to R5-216145**.

**R5-216145 Correction of RRM EN-DC FR2 SSB-based L1-RSRP measurement in non-DRX test case 5.6.3.1 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1422 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-215417)

**Decision:** The document was **agreed**.

**R5-215418 Correction of RRM EN-DC FR2 SSB-based L1-RSRP measurement in DRX test case 5.6.3.2 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1423 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test Case completion including Test Tolerance

**Discussion:**

r3

**Decision:** The document was **revised to R5-216146**.

**R5-216146 Correction of RRM EN-DC FR2 SSB-based L1-RSRP measurement in DRX test case 5.6.3.2 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1423 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-215418)

**Decision:** The document was **agreed**.

**R5-215419 Correction of RRM EN-DC FR2 CSI-RS-based L1-RSRP measurement in non-DRX test case 5.6.3.3**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1424 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test case correction without Test Tolerance

**Discussion:**

r2

deferred.

**Decision:** The document was **revised to R5-216147**.

**R5-216147 Correction of RRM EN-DC FR2 CSI-RS-based L1-RSRP measurement in non-DRX test case 5.6.3.3**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1424 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-215419)

**Decision:** The document was **agreed**.

**R5-215420 Correction of RRM EN-DC FR2 CSI-RS-based L1-RSRP measurement in DRX test case 5.6.3.4**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1425 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test case correction without Test Tolerance

**Discussion:**

deferred.

"Test case correction without Test Tolerance

RAN4 dependent draftCR R4-2113478 revised to R4-2115264 (Endorsed)

Anritsu comment"

**Decision:** The document was **agreed**.

**R5-215425 Correction of RRM EN-DC FR2-FR2 event-triggered reporting in DRX test case 5.6.2.2 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1430 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test Case completion including Test Tolerance

**Decision:** The document was **agreed**.

**R5-215426 Correction of RRM EN-DC FR2-FR2 event-triggered reporting in DRX with SSB time index detection test case 5.6.2.4 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1431 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test Case completion including Test Tolerance

**Decision:** The document was **agreed**.

**R5-215429 Editorial correction of RRM FR2 EN-DC event triggered measurement test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1434 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Editorial correction of number of test cases

**Decision:** The document was **agreed**.

**R5-215622 Updates on 5.6.1.3 and 5.6.1.4 CSI-RS RLM test cases test appliability**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1441 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Decision:** The document was **agreed**.

**R5-215623 Update applicability section for 5.6.2.1, 5.6.2.2, 5.6.2.3, 5.6.2.4**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1442 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

it is agreed changes in R5-215655.

**Decision:** The document was **withdrawn**.

**R5-215624 Correction in 5.6.1.1, 5.6.1.3 test procedure to configure iterations**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1443 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Decision:** The document was **agreed**.

**R5-215625 Correction in 5.6.2.1, 5.6.2.2, 5.6.2.3, 5.6.2.4 test procedure to configure iterations**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1444 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Decision:** The document was **agreed**.

###### 5.3.2.9.3 NR Standalone in FR1 (Clause 6)

**R5-214362 Change to SA L1-RSRP test cases to add evaluation rules**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1262 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215908**.

**R5-215908 Change to SA L1-RSRP test cases to add evaluation rules**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1262 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214362)

**Decision:** The document was **agreed**.

**R5-214363 Correction to 6.5.1.1 message contents and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1263 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214364 Correction to 6.5.1.3 message contents and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1264 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215909**.

**R5-215909 Correction to 6.5.1.3 message contents and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1264 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214364)

**Decision:** The document was **agreed**.

**R5-214365 Correction to 6.5.1.5 message contents and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1265 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214366 Correction to 6.5.1.7 message contents and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1266 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215910**.

**R5-215910 Correction to 6.5.1.7 message contents and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1266 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214366)

**Decision:** The document was **agreed**.

**R5-214367 Correction to 6.3.1.6 and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1267 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214368 Correction to 6.5.2.1 and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1268 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214369 Correction to 6.5.3.1 and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1269 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

fully contained in R5-214685.

**Decision:** The document was **withdrawn**.

**R5-214370 Correction to 6.7.5.1 and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1270 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214371 Correction to 6.7.6.1 and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1271 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214372 Correction to 6.7.7.1 and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1272 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214414 Corrections to 6.5.1.2**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1288 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214415 Corrections to 6.5.1.4**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1289 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214416 Corrections to 6.7.1.x.y SS-RSRP test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1290 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214417 Corrections to 6.7.2.x SS-RSRQ test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1291 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214418 Corrections to 6.7.3.x SS-SINR test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1292 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214419 Corrections to 6.5.1.6**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1293 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214420 Corrections to 6.5.1.8**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1294 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214421 Align 6.3.2.2.x to core spec**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1295 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214422 Align 6.4.3.1 to core spec**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1296 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214423 Align 6.6.2.x to core spec**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1297 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214424 Align 6.6.3.x to core spec**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1298 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214524 Correction of non-existent config for SA FR1 TC 6.5.3.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1307 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

covered in R5-214992.

**Decision:** The document was **withdrawn**.

**R5-214525 Update of applicability for RLM TC 6.6.1.3 and 6.6.1.6**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1308 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-214526 Correction of cell configuration for SA FR1 TC 6.3.2.1.2 and 6.3.2.1.3**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1309 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-214683 Correction to test case title for 6.7.6.1 and 6.7.7.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1321 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

6.7.6.1, 6.7.7.1

**Discussion:**

merged into R5-214990.

**Decision:** The document was **withdrawn**.

**R5-214684 Correction to 6.5.3.1 NR SA FR1 SCell activation and deactivation of known SCell**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1322 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

6.5.3.1

**Discussion:**

r1

**Decision:** The document was **revised to R5-216051**.

**R5-216051 Correction to 6.5.3.1 NR SA FR1 SCell activation and deactivation of known SCell**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1322 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-214684)

**Decision:** The document was **agreed**.

**R5-214686 Correction to 6.5.2.1 NR SA FR1 interruptions during measurements on deactivated NR SCC**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1324 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

6.5.2.1, A.1.1.2

**Discussion:**

r1

**Decision:** The document was **revised to R5-216099**.

**R5-216099 Correction to 6.5.2.1 NR SA FR1 interruptions during measurements on deactivated NR SCC**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1324 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-214686)

**Decision:** The document was **agreed**.

**R5-214688 Correction to NR SA FR1 - E-UTRAN event-triggered reporting tests**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1326 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

6.6.3.1, 6.6.3.2

**Decision:** The document was **agreed**.

**R5-214692 Correction to the propagation condition of NR cell for Inter RAT test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1330 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

6.6.3.1, 6.6.3.2, 8.4.2.1, 8.4.2.2, 8.4.2.3, 8.4.2.4

**Discussion:**

r1

**Decision:** The document was **revised to R5-216100**.

**R5-216100 Correction to the propagation condition of NR cell for Inter RAT test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1330 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-214692)

**Decision:** The document was **agreed**.

**R5-214921 Alignment HO test case 6.3.1.2 with core requirements**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1340 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214922 Correction re-establishment test cases 6.3.2.1.x**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1341 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

R4-2112619 Endorsed.

**Decision:** The document was **agreed**.

**R5-214987 Correction to FR1 NR SA TC 6.5.2.1-SCell interruption**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1353 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-214988 Correction to FR1 NR SA TCs-BWP switching**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1354 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r3

**Decision:** The document was **revised to R5-216135**.

**R5-216135 Correction to FR1 NR SA TCs-BWP switching**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1354 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-214988)

**Decision:** The document was **agreed**.

**R5-214989 Correction to FR1 NR SA TCs-cell reselection**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1355 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-214990 Correction to FR1 NR SA TCs-inter-RAT accuracy**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1356 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

FR1 missing!

r1

**Decision:** The document was **revised to R5-215911**.

**R5-215911 Correction to FR1 NR SA TCs-inter-RAT accuracy**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1356 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-214990)

**Decision:** The document was **agreed**.

**R5-214991 Correction to FR1 NR SA TCs-RLM**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1357 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

"RAN4 dependent draftCR R4-2113966 (Endorsed)

Author notified no overlap

HW: R5-214991 is aligned with R4-2113966, can be agreed."

**Decision:** The document was **agreed**.

**R5-214992 Correction to FR1 NR SA TCs-SCell activation**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1358 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216136**.

**R5-216136 Correction to FR1 NR SA TCs-SCell activation**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1358 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-214992)

**Decision:** The document was **agreed**.

**R5-215353 Correction to test procedure for 6.1.2.2 IRAT ReSelection**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1402 Cat: F (Rel-16)  
  
 Source: Anritsu, Qualcomm Korea*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215912**.

**R5-215912 Correction to test procedure for 6.1.2.2 IRAT ReSelection**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1402 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu, Qualcomm Korea*

(Replaces R5-215353)

**Decision:** The document was **agreed**.

**R5-215355 Correction to DRX configuration for eliminating overlap between DRX and SMTC**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1404 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Decision:** The document was **agreed**.

**R5-215360 Correction to test case 6.3.1.1 and 6.3.1.3**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1405 Cat: F (Rel-16)  
  
 Source: China Telecommunications*

**Decision:** The document was **agreed**.

**R5-215614 Update on 6.3.1.1 to be aligned with TS 38.133**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1438 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Decision:** The document was **agreed**.

**R5-215621 Update on 6.3.2.2.2 initial conditions**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1440 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Decision:** The document was **withdrawn**.

**R5-215652 Updates to DCI based BWP switch SA FR1 2DLCA TC 6.5.6.1.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1448 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

**Discussion:**

merged into R5-214988?

**Decision:** The document was **revised to R5-216123**.

**R5-216123 Updates to DCI based BWP switch SA FR1 2DLCA TC 6.5.6.1.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1448 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

(Replaces R5-215652)

**Decision:** The document was **agreed**.

**R5-215653 Updates to DCI based BWP switch SA FR1 TC 6.5.6.1.2**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1449 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

**Discussion:**

merged into R5-214988?

**Decision:** The document was **revised to R5-216124**.

**R5-216124 Updates to DCI based BWP switch SA FR1 TC 6.5.6.1.2**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1449 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

(Replaces R5-215653)

**Decision:** The document was **agreed**.

**R5-215654 Updates to RRC based BWP switch SA FR1 TC 6.5.6.2.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1450 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

**Discussion:**

merged into R5-214988?

**Decision:** The document was **revised to R5-216125**.

**R5-216125 Updates to RRC based BWP switch SA FR1 TC 6.5.6.2.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1450 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

(Replaces R5-215654)

**Decision:** The document was **agreed**.

**R5-215657 Test procedure update to RRM SA FR1 TC 6.1.2.2**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1453 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

**Discussion:**

merged into R5-215353.

**Decision:** The document was **withdrawn**.

**R5-215658 Correction to UL BWP configuration for SA FR1 TC 6.5.2.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1454 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

**Discussion:**

r1

RAN4 dependent CR R4-2112692 (revised to R4-2115260)

QC: r1 uploaded to include latest change captured in R4-2115260

**Decision:** The document was **revised to R5-216137**.

**R5-216137 Correction to UL BWP configuration for SA FR1 TC 6.5.2.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1454 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

(Replaces R5-215658)

**Decision:** The document was **agreed**.

###### 5.3.2.9.4 NR standalone with at least one NR cell in FR2 (Clause7)

**R5-214194 Completion 7.7.1.2 including TT analysis results**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1231 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

R4-2112625 Endorsed.

**Decision:** The document was **revised to R5-216052**.

**R5-216052 Completion 7.7.1.2 including TT analysis results**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1231 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214194)

**Decision:** The document was **agreed**.

**R5-214195 Completion 7.7.2.2 including TT analysis results**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1232 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

R4-2112625 Endorsed.

**Decision:** The document was **agreed**.

**R5-214196 Completion 7.7.3.2 including TT analysis results**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1233 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

R4-2112625 Endorsed.

**Decision:** The document was **revised to R5-216053**.

**R5-216053 Completion 7.7.3.2 including TT analysis results**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1233 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214196)

**Decision:** The document was **agreed**.

**R5-214198 Completion 7.7.1.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1235 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214199 Completion 7.7.2.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1236 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214200 Completion 7.7.3.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1237 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214373 Core spec alignment for 7.6.1.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1273 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214374 Core spec alignment for 7.6.1.2**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1274 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214375 Core spec alignment for 7.6.1.3**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1275 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214376 Core spec alignment for 7.6.1.4**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1276 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214527 Correction of specific message content for SA FR2 TC 7.6.1.4**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1310 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-214528 Correction of cell configuration for SA FR2 TC 7.3.2.1.1, 7.3.2.1.2 and 7.3.2.1.3**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1311 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-214529 Update of TCI configuration for SA FR2 TC 7.6.2.1 and 7.6.2.3**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1312 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-214530 Correction of non-existent config for SA FR2 TC 7.7.1.3.1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1313 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-214993 Correction to FR2 NR SA TCs-cell reselection**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1359 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-214994 Correction to FR2 NR SA TCs-SCell activation**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1360 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

"RAN4 dependent draftCR R4-2113969 revised to R4-2115268 (Endorsed)

HW: R5-214994 is aligned with R4-2113969 and not related to the new changes made in R4-2115268, can be agreed."

**Decision:** The document was **agreed**.

**R5-215421 Correction of RRM NR SA FR2 SSB-based L1-RSRP measurement in non-DRX test case 7.6.3.1 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1426 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test Case completion including Test Tolerance

**Discussion:**

r3

**Decision:** The document was **revised to R5-216148**.

**R5-216148 Correction of RRM NR SA FR2 SSB-based L1-RSRP measurement in non-DRX test case 7.6.3.1 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1426 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-215421)

**Decision:** The document was **agreed**.

**R5-215422 Correction of RRM NR SA FR2 SSB-based L1-RSRP measurement in DRX test case 7.6.3.2 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1427 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test Case completion including Test Tolerance

**Discussion:**

r3

**Decision:** The document was **revised to R5-216149**.

**R5-216149 Correction of RRM NR SA FR2 SSB-based L1-RSRP measurement in DRX test case 7.6.3.2 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1427 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-215422)

**Decision:** The document was **agreed**.

**R5-215423 Correction of RRM NR SA FR2 CSI-RS-based L1-RSRP measurement in non-DRX test case 7.6.3.3**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1428 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test case correction without Test Tolerance

**Discussion:**

r2

**Decision:** The document was **revised to R5-216360**.

**R5-216360 Correction of RRM NR SA FR2 CSI-RS-based L1-RSRP measurement in non-DRX test case 7.6.3.3**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1428 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-215423)

**Decision:** The document was **agreed**.

**R5-215424 Correction of RRM NR SA FR2 CSI-RS-based L1-RSRP measurement in DRX test case 7.6.3.4**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1429 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test case correction without Test Tolerance

**Discussion:**

r2

**Decision:** The document was **revised to R5-216361**.

**R5-216361 Correction of RRM NR SA FR2 CSI-RS-based L1-RSRP measurement in DRX test case 7.6.3.4**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1429 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-215424)

**Decision:** The document was **agreed**.

**R5-215427 Correction of RRM SA FR2-FR2 event-triggered reporting in DRX test case 7.6.2.2 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1432 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test Case completion including Test Tolerance

**Discussion:**

"Test Case completion including Test Tolerance

TT analysis in R5-215433

8/18 Moderator (E///): good to go

Convenor: First round RRM TT verdict Aug19th"

**Decision:** The document was **agreed**.

**R5-215428 Correction of RRM SA FR2-FR2 event-triggered reporting in DRX with SSB time index detection test case 7.6.2.4 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1433 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test Case completion including Test Tolerance

**Discussion:**

"Test Case completion including Test Tolerance

TT analysis in R5-215433

8/18 Moderator (E///): good to go

Convenor: First round RRM TT verdict Aug19th"

**Decision:** The document was **agreed**.

**R5-215430 Editorial correction of RRM FR2 SA event triggered measurement test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1435 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Editorial correction of number of test cases

**Decision:** The document was **agreed**.

###### 5.3.2.9.5 E-UTRA – NR Inter-RAT with E-UTRA serving cell (Clause 8)

**R5-214377 Change title of iRAT test cases for clarity**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1277 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215913**.

**R5-215913 Change title of iRAT test cases for clarity**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1277 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214377)

**Decision:** The document was **agreed**.

**R5-214378 Correction to 8.3.1.1 and core spec alignment**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1278 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214685 Correction to Inter-RAT SFTD measurement delay and event triggered reporting tests**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1323 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

8.4.1.1, 8.4.1.2, 8.4.2.1, 8.4.2.2, 8.4.2.3, 8.4.2.4

**Decision:** The document was **agreed**.

**R5-214923 Remove gapUE and gapFR1 from iRAT test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1342 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214951 Update to applicability of test cases requiring gap pattern ID 4**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1346 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

coversheet.

r1

maybe include in BV's jumbo CR.

r2

**Decision:** The document was **revised to R5-216054**.

**R5-216054 Update to applicability of test cases requiring gap pattern ID 4**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1346 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-214951)

**Decision:** The document was **agreed**.

**R5-214995 Correction to LTE SA TC 8.5.1.1-SFTD accuracy**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1361 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215914**.

**R5-215914 Correction to LTE SA TC 8.5.1.1-SFTD accuracy**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1361 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-214995)

**Decision:** The document was **agreed**.

**R5-214996 Correction to LTE SA TCs-cell reselection**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1362 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-214997 Correction to LTE SA TCs-inter-RAT delay**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1363 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-214998 Correction to LTE SA TCs-SFTD delay**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1364 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon, Anritsu*

**Discussion:**

r3

**Decision:** The document was **revised to R5-216138**.

**R5-216138 Correction to LTE SA TCs-SFTD delay**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1364 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon, Anritsu*

(Replaces R5-214998)

**Decision:** The document was **agreed**.

**R5-215351 Correction of Frame Time offset and SMTC config in EUTRA-NR Inter-RAT SFTD measurement delay**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1400 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

withdrawn to avoid the conflicts with R5-214998 (Huawei/HiSilicon), according to the result of RAN4 discussion.

**Decision:** The document was **withdrawn**.

**R5-215354 Correction to test requirement for 8.4.2.4 and error in writing for 8.4.2.x**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1403 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

"Anritsu: Conflict. Further discussion needed

Anritsu: R5-214951(QC) was revised to avoid conflicts."

**Decision:** The document was **agreed**.

###### 5.3.2.9.6 Clauses 1-3, Annexes

**R5-214197 Annex E and F update for FR2 inter-frequency periodic measurements tests**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1234 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214379 Change title of iRAT test cases for clarity - Annexes**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1279 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215915**.

**R5-215915 Change title of iRAT test cases for clarity - Annexes**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1279 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214379)

**Decision:** The document was **agreed**.

**R5-214425 Completion Annex C.2.3**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1299 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

Anritsu: We find a discrepancy between fading model in this CR(intended for RRM) and those in Demod spec(38.521-4/38.101-4). In our understanding, we should use the same model for Demod and RRM.

Since this is a very important part of the test spec, we should be very careful. In my view we should confirm with RAN4 and specify fading model(or reference to 38.101-4 e.g.) from 38.133, rather than putting fading model in 38.533(only) based on TR 38.901.

r1

Anritsu agreed.

**Decision:** The document was **revised to R5-216055**.

**R5-216055 Completion Annex C.2.3**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1299 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214425)

**Decision:** The document was **agreed**.

**R5-214426 Correction to Table H.3.5-9**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1300 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214427 Clarification CSI-ReportConfig from Annex H**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1301 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214680 Addition of BWP definition for FR2 SSB SCS240kHz**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1318 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

A.8.1, A.8.2

**Discussion:**

r1

**Decision:** The document was **revised to R5-216101**.

**R5-216101 Addition of BWP definition for FR2 SSB SCS240kHz**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1318 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-214680)

**Decision:** The document was **agreed**.

**R5-214681 Core alignment for DRX configuration**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1319 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

A.5, H.3.7

**Decision:** The document was **agreed**.

**R5-214689 Correction to the number of entries in the measObjectToAddModList**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1327 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

H.3.1

**Decision:** The document was **agreed**.

**R5-214695 Update to Annex H.3.4**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1333 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

H.3.4

**Discussion:**

r1

**Decision:** The document was **revised to R5-215916**.

**R5-215916 Update to Annex H.3.4**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1333 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-214695)

**Decision:** The document was **agreed**.

**R5-214924 Annex A.6.1 for iRAT test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1343 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214999 Correction to cell mapping for CA TCs**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1365 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215000 Correction to default configuration-Annex H**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1366 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-215917**.

**R5-215917 Correction to default configuration-Annex H**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1366 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-215000)

**Decision:** The document was **agreed**.

**R5-215133 Clarification on cl 3A.1.1 test coverage across 5G NR architecture options for RRM**

*Type: CR For: Agreement  
 38.521-3 v16.8.0 CR-1102 Cat: F (Rel-16)  
  
 Source: CMCC, Qualcomm, Ericsson*

**Decision:** The document was **withdrawn**.

**R5-215137 Clarification on cl 3A.1.1 test coverage across 5G NR architecture options for RRM**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1396 Cat: F (Rel-16)  
  
 Source: CMCC, Qualcomm, Ericsson*

**Discussion:**

r1

R&S: On point 1, as I commented on the discussion paper, RRM test requirements are not agnostic on the EN-DC / NE-DC. Most of the requirements are in fact tightly coupled to the connectivity, and the test requirements specify strictly which cell is the PCell and which cell the PSCell. (Please note that EN-DC and NGEN-DC are mostly equivalent because RRM does not test the core network). Therefore, the change in point 1 is probably not applicable for RRM.

Similarly, on Point 3, NE-DC connectivity option cannot be configured to execute the test. RAN4 test requirements in TS 38.133 define all the test parameters, power levels, etc. and they prescribe strictly EN-DC. The RRM test cases are at the moment not defined for NE-DC in RAN4.

Therefore, I would propose to remove “NE-DC” from point 1 and 3 above.

**Decision:** The document was **revised to R5-216025**.

**R5-216025 Clarification on cl 3A.1.1 test coverage across 5G NR architecture options for RRM**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1396 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC, Qualcomm, Ericsson*

(Replaces R5-215137)

**Decision:** The document was **withdrawn**.

**R5-215352 Correction to test frequeny selection for intra-band EN-DC**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1401 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Decision:** The document was **agreed**.

**R5-215416 Correction of CSI-ReportConfig in Annex H**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1421 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Correction of CSI-ReportConfig in Annex H

**Discussion:**

r1

**Decision:** The document was **revised to R5-215918**.

**R5-215918 Correction of CSI-ReportConfig in Annex H**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1421 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-215416)

**Decision:** The document was **agreed**.

**R5-215431 Correction of Measurement Uncertainty and Test Tolerance in Annex F for RRM test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1436 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

MU and TT update in Annex F for number of test cases

**Decision:** The document was **agreed**.

**R5-215620 MTSU and TT mapping related to Max Device Size in TS 38.533**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1439 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

"8/24:

Moderator (AT&T): No comments and corresponding discussion paper apects endorsed. This CR can be provisionally agreed."

**Decision:** The document was **agreed**.

##### 5.3.2.10 TS 36.508

##### 5.3.2.11 TS 36.521-3

**R5-215001 Addition of BG\_offset definition for LTE band groups**

*Type: CR For: Agreement  
 36.521-3 v16.9.0 CR-2588 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

##### 5.3.2.12 TS 37.571-1

##### 5.3.2.13 TS 37.571-3

##### 5.3.2.14 TS 37.571-5

##### 5.3.2.15 TR 38.903 ((NR MU & TT analyses)

**R5-214189 TT analysis for RRM test cases 5.7.2.2 and 7.7.2.2**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0240 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214190 TT analysis for RRM test cases 5.7.3.2 and 7.7.3.2**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0241 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214204 Update of demod SNR testability**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0242 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Anritsu*

**Abstract:**

Associated discussion paper in R5-214202

**Discussion:**

r2

**Decision:** The document was **revised to R5-216102**.

**R5-216102 Update of demod SNR testability**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0242 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Anritsu*

(Replaces R5-214204)

**Decision:** The document was **agreed**.

**R5-214713 Add Test Tolerance analyses for EN-DC FR2 interruptions at transitions between active and non-active during DRX Test cases**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0243 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

Add zip files in TR 38.903, 8

**Discussion:**

r2

**Decision:** The document was **revised to R5-216103**.

**R5-216103 Add Test Tolerance analyses for EN-DC FR2 interruptions at transitions between active and non-active during DRX Test cases**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0243 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-214713)

**Decision:** The document was **agreed**.

**R5-214848 Introducing EIRP UL Absolute Power MU for FR2 RRM**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0244 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216104**.

**R5-216104 Introducing EIRP UL Absolute Power MU for FR2 RRM**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0244 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-214848)

**Decision:** The document was **agreed**.

**R5-214849 Correction to MU for spurious emission band UE co-existence**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0245 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

is a duplication of R5-215330.

**Decision:** The document was **withdrawn**.

**R5-214854 Update of FR2 demod SNR range calculator**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0246 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Decision:** The document was **withdrawn**.

**R5-214919 Update TT analysis for RRM test cases 5.7.1.2 and 7.7.1.2**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0247 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-215002 TT analysis for LTE SA TC 8.5.1.1-SFTD accuracy**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0248 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215320 Correction of power control in 38.903**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0249 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216105**.

**R5-216105 Correction of power control in 38.903**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0249 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-215320)

**Decision:** The document was **agreed**.

**R5-215330 Correction to MU for spurious emission band UE co-existence**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0250 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

identical to R5-214849.

"Moderator (AT&T): Duplicate CRs submitted in R5-214849 and R5-215330

8/26:

Moderator (AT&T): No comments. This CR can be provisionally agreed."

**Decision:** The document was **agreed**.

**R5-215432 Correction of Test Tolerance analysis for FR2 event triggered reporting in non-DRX test cases**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0251 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test tolerance analysis correction

**Discussion:**

r2

**Decision:** The document was **revised to R5-216362**.

**R5-216362 Correction of Test Tolerance analysis for FR2 event triggered reporting in non-DRX test cases**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0251 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-215432)

**Decision:** The document was **agreed**.

**R5-215433 Correction of Test Tolerance analysis for FR2 event triggered reporting in DRX test cases**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0252 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test tolerance analysis correction

**Decision:** The document was **agreed**.

**R5-215434 Test Tolerance analysis for FR2 SSB-based L1-RSRP measurement for beam reporting test cases**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0253 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test tolerance analysis

**Discussion:**

wrong .zip

r1

**Decision:** The document was **revised to R5-216363**.

**R5-216363 Test Tolerance analysis for FR2 SSB-based L1-RSRP measurement for beam reporting test cases**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0253 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-215434)

**Decision:** The document was **agreed**.

**R5-215478 MU for Tx modulation quality test cases**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0254 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Associated discussion paper in R5-215476

**Discussion:**

cl. aff.

r1

w/d

**Decision:** The document was **revised to R5-215815**.

**R5-215815 MU for Tx modulation quality test cases**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0254 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-215478)

**Decision:** The document was **withdrawn**.

**R5-215582 Introduction of MTSU mapping related to Max Device Size**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0255 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

offline feedback from Huawei.

Also offline feedback from R&S (suggestion to split 20cm and 30cm QZ in table F-1)

r2

**Decision:** The document was **revised to R5-215834**.

**R5-215834 Introduction of MTSU mapping related to Max Device Size**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0255 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-215582)

**Decision:** The document was **agreed**.

**R5-215630 38.903 CR FR2 ETC MU updates for new ETC test cases**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0256 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd*

**Discussion:**

r1

R&S: Table B.7.2-5 and Table B.8.2-5: UID 3 standard uncertainty is 0.9 dB and not 0.6 dB and UID 23 standard uncertainty is 0.6 dB instead of 0.4 dB for ETC.

The final results are in our view correct.

Not a concern on your CR: Table B.7.2-4: Minimum output power requirement relaxation considered in MU assessment for 400 MHz EIRP measurement (f=23.45GHz, 32.125GHz, 40.8GHz, Quiet Zone size ≤ 30 cm) needs to be updated with relaxation assumed for FR2b. Maybe this could be done in your CR.

DISH Network: because of the discussion in RAN4, we cannot agree to skipping UL-MIMO in ETC.

r2

Huawei: Since no consensus on UL-MIMO yet, I think we could continue discussion in future meeting.

Regarding skipping UL-MIMO test cases under ETC:

• One question for my clarification: do you refer to any Tx diversity scheme?

Tx diversity is not standardized yet, which is depending on UE implementation. I think it can’t be excluded. But to my understanding even if Tx diversity scheme is adopted, it wouldn’t impact the beam peak direction.

At least for power measurement, UE is transmitting power using dual polarizations in basic test cases. In UL-MIMO test cases, UE’s RF front is working in the same status and same beam peak direction.

**Decision:** The document was **revised to R5-216117**.

**R5-216117 38.903 CR FR2 ETC MU updates for new ETC test cases**

*Type: CR For: Agreement  
 38.903 v16.8.0 CR-0256 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd*

(Replaces R5-215630)

**Decision:** The document was **agreed**.

##### 5.3.2.16 TR 38.905 (NR Test Points Radio Transmission and Reception )

**R5-214244 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_1A\_n28A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0430 Cat: F (Rel-17)  
  
 Source: Ericsson, Orange*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216014**.

**R5-216014 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_1A\_n28A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0430 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Orange*

(Replaces R5-214244)

**Decision:** The document was **agreed**.

**R5-214245 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_1A\_n77A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0431 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214280

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214246 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_1A\_n79A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0432 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214281

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214247 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_3A\_n28A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0433 Cat: F (Rel-17)  
  
 Source: Ericsson, Orange*

**Discussion:**

"TC in R5-214282

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214248 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_3A\_n77A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0434 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214283

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214249 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_7A\_n28A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0435 Cat: F (Rel-17)  
  
 Source: Ericsson, Orange*

**Discussion:**

"TC in R5-214284

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214250 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_19A\_n77A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0436 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214285

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214251 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_19A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0437 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214286

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214252 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_19A\_n79A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0438 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214287

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214253 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_20A\_n28A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0439 Cat: F (Rel-17)  
  
 Source: Ericsson, Orange*

**Discussion:**

"TC in R5-214288

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214254 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_20A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0440 Cat: F (Rel-17)  
  
 Source: Ericsson, Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215919**.

**R5-215919 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_20A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0440 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Huawei, HiSilicon*

(Replaces R5-214254)

**Decision:** The document was **agreed**.

**R5-214255 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_21A\_n77A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0441 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214290

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214256 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_21A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0442 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214291

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214257 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_21A\_n79A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0443 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214292

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214258 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_28A\_n77A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0444 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214293

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214259 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_28A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0445 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-214260 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_28A\_n79A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0446 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214295

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214261 Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_42A\_n77A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0447 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214296

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214262 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_1A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0448 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214297

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214263 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_3A\_n79A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0449 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214298

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214264 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_5A\_n66A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0450 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214299

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214265 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_5A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0451 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214300

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214266 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_7A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0452 Cat: F (Rel-17)  
  
 Source: Ericsson, Orange*

**Discussion:**

"TC in R5-214301

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214267 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_11A\_n77A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0453 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214302

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214268 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_11A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0454 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214303

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214269 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_11A\_n79A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0455 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214304

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214270 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_25A\_n41A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0456 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215920**.

**R5-215920 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_25A\_n41A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0456 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-214270)

**Decision:** The document was **agreed**.

**R5-214271 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_26A\_n77A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0457 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214306

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214272 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_26A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0458 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214307

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214273 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_39A\_n79A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0459 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214308

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214274 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_41A\_n77A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0460 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214309

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214275 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_41A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0461 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214310

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214276 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_41A\_n79A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0462 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214311

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214277 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_66A\_n5A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0463 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214312

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214278 Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_66A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0464 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214313

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214385 Introduction of NR FR2 Test Points For Aggregate power tolerance for CA**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0467 Cat: F (Rel-17)  
  
 Source: 3in*

**Decision:** The document was **agreed**.

**R5-214907 Introduction of test point analysis for FR2 Time alignment error for UL MIMO test case**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0469 Cat: F (Rel-17)  
  
 Source: TTA*

**Abstract:**

Associated CR R5-214905

**Decision:** The document was **agreed**.

**R5-215059 Addition of TP analysis for spurious emissions for DC\_20A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0470 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **withdrawn**.

**R5-215060 Addition of TP analysis for spurious emissions for DC\_28A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0471 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215921**.

**R5-215921 Addition of TP analysis for spurious emissions for DC\_28A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0471 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Ericsson*

(Replaces R5-215060)

**Decision:** The document was **agreed**.

**R5-215064 Addition of TP for REFSENS for inter-band EN-DC 2CC and 3CC combos**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0472 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216056**.

**R5-216056 Addition of TP for REFSENS for inter-band EN-DC 2CC and 3CC combos**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0472 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215064)

**Decision:** The document was **agreed**.

**R5-215164 Addition of test points analysis for NS\_06 power class 1 test cases**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0475 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-215229 Correction to TP analysis for in-band emission for intra-band contiguous EN-DC**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0483 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-215228

**Decision:** The document was **agreed**.

**R5-215236 Addition of reference sensitivity TP analysis for DC\_1A\_n28A-n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0484 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-215232

**Decision:** The document was **agreed**.

**R5-215237 Addition of reference sensitivity TP analysis for DC\_1A-3A\_n28A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0485 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-215233

**Decision:** The document was **agreed**.

**R5-215238 Addition of reference sensitivity TP analysis for DC\_1A-7A\_n28A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0486 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-215234

**Decision:** The document was **agreed**.

**R5-215239 Addition of reference sensitivity TP analysis for DC\_3A-7A\_n28A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0487 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-215235

**Decision:** The document was **agreed**.

**R5-215258 Correction to TP analysis for reference sensitivity per EN-DC configuration**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0488 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216057**.

**R5-216057 Correction to TP analysis for reference sensitivity per EN-DC configuration**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0488 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215258)

**Decision:** The document was **agreed**.

**R5-215259 Correction to Annex D Principles for test point selection for EN-DC reference sensitivity test cases**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0489 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-215256, R5-215257

**Discussion:**

r1

**Decision:** The document was **revised to R5-216058**.

**R5-216058 Correction to Annex D Principles for test point selection for EN-DC reference sensitivity test cases**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0489 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215259)

**Decision:** The document was **agreed**.

**R5-215289 Updating Test point analysis for DC\_3A\_n28A-n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0490 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TC in R5-215288

**Discussion:**

r1

**Decision:** The document was **revised to R5-216059**.

**R5-216059 Updating Test point analysis for DC\_3A\_n28A-n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0490 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-215289)

**Decision:** The document was **agreed**.

**R5-215291 Updating Test point analysis for DC\_7A\_n28A-n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0491 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TC in R5-215290

**Discussion:**

r1

**Decision:** The document was **revised to R5-216060**.

**R5-216060 Updating Test point analysis for DC\_7A\_n28A-n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0491 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-215291)

**Decision:** The document was **agreed**.

**R5-215293 Updating Test point analysis for DC\_3A-20A\_n28A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0492 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TC in R5-215292

**Decision:** The document was **agreed**.

**R5-215295 Updating Test point analysis for DC\_7A-20A\_n28A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0493 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TC in R5-215294

**Discussion:**

r1

**Decision:** The document was **revised to R5-216061**.

**R5-216061 Updating Test point analysis for DC\_7A-20A\_n28A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0493 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-215295)

**Decision:** The document was **agreed**.

**R5-215327 TP analysis for FR2 General ON OFF time mask**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0498 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Decision:** The document was **agreed**.

**R5-215336 Correction to TP analysis for FR1 A-SPR with NS\_17**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0499 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Decision:** The document was **agreed**.

**R5-215536 Defining TP analysis for MPR, SEM and ACLR for FR2 UL MIMO**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0501 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd, Sporton*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216062**.

**R5-216062 Defining TP analysis for MPR, SEM and ACLR for FR2 UL MIMO**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0501 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd, Sporton*

(Replaces R5-215536)

**Decision:** The document was **agreed**.

**R5-215547 Update\_TP\_analysis for Rel\_15\_DC\_2A\_n71A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0504 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Discussion:**

"TC in R5-215567

E/// comment

Moderator (KEYS) week#1 summary: Keep as Deferred

Convenor: based on week#1 moderator summary DEFERRED for more time to review

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-215550 Update\_TP\_analysis for Rel\_15\_DC\_66A\_n71A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0505 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Discussion:**

"TC in R5-215567

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-215569 TP analysis for DC\_48A\_n66A**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1172 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Discussion:**

reissued as R5-215669 because of wrong spec and WIC in 3GU!

**Decision:** The document was **withdrawn**.

##### 5.3.2.17 Discussion Papers, Work Plan, TC lists

**R5-214202 On the achievable SNR for demod test cases**

*Type: discussion For: Endorsement  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Associated CRs in R5-214203 and R5-214204

**Discussion:**

8/18 FR2 MU GTM#1:

Anritsu: We can compromise as last meeting.

R&S: Available DL power is based on CW measurement. Modulation will come into play for fading backoff. Not sure if this was limited to 64QAM. We can revisit fading backoff assumption for 256QAM.

Moderator (AT&T): Based on the assumption that P2 is based on 64QAM assumption and reflecting the 64QAM assumption in the CR, this paper can be noted and the proposals are endorsed.

Convenor: Noted and proposals endorsed , CR's R5-214203r1 ‘deferred’ more time to review ,R5-214204 ‘no verdict’ more time to review

**Decision:** The document was **noted**.

**R5-214323 Discussion on FR1 ON/OFF time mask test procedure**

*Type: discussion For: Endorsement  
 Source: Ericsson*

**Abstract:**

Associated CRs in R5-214324, R5-214325

**Discussion:**

Apple, Anritsu commented.

the 3 proposals are endorsed.

R&S asked the CRs to limit to 23 dBm. This was accepted.

**Decision:** The document was **noted**.

**R5-214326 Discussion on TT and relaxation in FR2 test cases with testability issue**

*Type: discussion For: Endorsement  
 Source: Ericsson*

**Discussion:**

r1

R&S: We prefer to keep the relaxation R in the test requirement clause in order to make clear which power level is to be considered in the MU assessment of test systems.

Therefore we suggest to update the TT formula as follows:

TT = max(R, ΔSNRmr + 0.65 x (MTSUIFF – 1.0) – R

With this approach the relaxation is kept normative in the test requirement section as opposed to the TT Annex which is informative.

CAICT: As for R5-214327, i think the title of Table 6.3.1.5-2 need to be revised to delete power class 2 and 4 as the TT values only apply to power class 3.

And can you explain what NOTE1 in Table 6.3.1.5-2 mean? Does it mean another 1.0 dB relaxation is needed?

Anritsu: I agree with the purpose to optimize TT, but I am concerned about something.

- For Proposal 0, I agree with Edwin-san’s opinion that keeping R in test requirement clause and adding “-R” to the TT formula. CRs seem to be revised by applying Edwin-san’s opinion, so it is OK.

- It is not acceptable to change TTs of ACLR other than test ID 10-12 to FFS, because this test case has been already validated. I propose to change all TT in Table 6.5.2.3.5-1a now.

- For Proposal 3, MU for ACLR has been discussed for a long time and decided to the current component. Reconsidering it should be dealt in MU evolution.

r3

Proposals 1 & 2 were endorsed in the GTM call.

r4

8/25:

Moderator (AT&T): Based on the r4 moving the tables to an informative annex, this paper can be given a final Tdoc number and noted. The proposals can be endorsed.

**Decision:** The document was **revised to R5-215826**.

**R5-215826 Discussion on TT and relaxation in FR2 test cases with testability issue**

*Type: discussion For: Endorsement  
 Source: Ericsson*

(Replaces R5-214326)

**Discussion:**

"Revised from: R5-214326r4.

Associated CRs in R5-214327, R5-214328

Noted and proposals endorsed"

**Decision:** The document was **noted**.

**R5-214850 Removal of EN-DC Receiver Spurious Emission test with multiple CCs**

*Type: discussion For: Agreement  
 Source: Anritsu*

**Discussion:**

the 3 proposals are noted & endorsed.

Spurious Emissions for EN-DC within FR1 (5 CCs) will also be removed

To be implemented in the CR

**Decision:** The document was **noted**.

**R5-214851 On absolute UL Power MU for FR2 RRM**

*Type: discussion For: Agreement  
 Source: Anritsu*

**Discussion:**

r1

8/18 FR2 MU GTM#1:

KS: Aligned with Anritsu proposal.

R&S: We are generally aligned with the proposals. Should we add a clarification that this applies to the 1AoA test cases at this time (setup 1 and setup 2) since we don’t have any existing RACH test cases with 2AoA yet?

Anritsu: My proposal is applicable up to 2AoA. In terms of MU, we can define MU now.

R&S: May need further aspects to consider with 2AoA.

Moderator (AT&T): Proposals can be considered endorsed for 1AoA test cases. Further discussion will be held to see if MU for future 2AoA test cases can be agreed at this meeting. WIll confirm overall status after further discussion.

8/24 FR2 MU GTM#2:

Moderator (AT&T): Editor's note will be added to CRs concerning revisting 2AoA case. This paper can be given a final Tdoc number and noted. Proposals can be endorsed

**Decision:** The document was **revised to R5-215824**.

**R5-215824 On absolute UL Power MU for FR2 RRM**

*Type: discussion For: Agreement  
 Source: Anritsu*

(Replaces R5-214851)

**Discussion:**

"Revised from: R5-214851r1.

Noted and proposals are endorsed"

**Decision:** The document was **noted**.

**R5-214852 On the testable SNR for FR2 demodulation tests**

*Type: discussion For: Agreement  
 Source: Anritsu*

**Discussion:**

8/18 FR2 MU GTM#1:

R&S: We presented a common compromise proposal at the last meeting. Hopefully, we can use a similar approach at this meeting. Premature to fix a value for n262 at this time. Agree that we can refer to the new method in informing RAN4. We should start with a more conservative number however.

KS: We are more aligned with the more conservative numbers for 1dB compression point. OK to follow same compromise proposal at this meeting. Share Edwin's comment on n262.

Anritsu: No intention to set the value for n262 at this time. Our proposal is for up to 64QAM. 256QAM will need a different value.

Moderator (AT&T): Based on endorsing proposals in R&S paper in R5-214202, this paper can be noted.

Convenor: noted and no proposals endorsed

**Decision:** The document was **noted**.

**R5-214939 Discussion on FR2 beam peak search**

*Type: discussion For: Approval  
 Source: Rohde & Schwarz*

**Abstract:**

Associated CR R5-215468, R5-215469

**Discussion:**

Keysight US: We appreciate you highlighting the test efforts in the absence of a vendor declaration right now and the potential savings in terms of permutations/test time. However, we believe that if there is no prior knowledge about the device performance, all permutations ought to be tested (“when in doubt  test”). When there is prior knowledge about the device performance, a subset of tests should be allowed via a specific vendor declaration like the ones already defined in 38.508-2.

We therefore believe the current approach, i.e., test all permutations in the absence of any vendor declaration and a reduction of permutations is allowed pending specific vendor declarations, is the most appropriate. We would welcome feedback from other interested parties.

In addition, you mentioned in your paper “there is no risk of unfairly passing a device in case a device manufacturer does not properly declare exceptions, since in that case the test would be performed on the reference beam peak.“. For test cases as Spurious or Spectrum Emission Mask, we think such risk exits.

R&S: We think that optimizing the test time without losing any coverage should be something we pursue, as you know in RAN4 we are also discussing several ways to do this. In our view, targeting the beam peak search is a good way to start, since this does not reduce the number of TCs or test points that are needed for a good test coverage.

Thus in our view, the best option to save time during the beam peak search is to start with the different waveform/modulation formats. However, as you point out we also would like to get some more feedback from UE/chipset vendors on our underlying observation that the different combinations of modulation/waveform do not have an effect on the UE beam peak.

Apple: We appreciate the intent behind the discussion and proposal in R5-214939 since test time reduction remains an important objective. That said, we do not believe a broad leverage from a single reference (modulation,waveform) configuration would reflect the correct RF/OTA performance and identify the best beam peak that can be applied/leveraged for a varied set of test points. The criticality of accurate beam peak search is even more for use cases such as beam correspondence. The current approach is therefore preferred to maintain accuracy of search result specific to the test point and we believe the current allowed UE declarations provide scope for any leverage and allow for test time reduction for instances where such declaration is explicity provided.

Also, other than from DUT aspect, the gNodeB/TE side measurements have a key role to play and I am not sure if the highlighted below has been extensively studied/characterized from TE measurements perspective. We are open to discussing this further in future meetings towards any possible test time optimization options.

Based on Apple's inputs, we think it is best to note the discussion paper in this meeting and further study for the upcoming meetings how to improve on the test times, while not losing any test coverage.

Noted. Related CRs withdrawn.

R&S: further study need for the upcoming meetings how to improve on the test times, while not losing any test coverage. discussion paper could “Noted”, the associated CRs can be withdrawn

**Decision:** The document was **noted**.

**R5-214940 Discussion on FR2 DL CA test procedure**

*Type: discussion For: Approval  
 Source: Rohde & Schwarz*

**Discussion:**

offline comments from Huawei.

after offline discussions with various interested companies, the discussion paper was updated to reflect the discussion. Proposals 1 and 2 have been updated and a new Proposal 3 has been added.

r1

Noted and proposals endorsed.

**Decision:** The document was **revised to R5-215819**.

**R5-215819 Discussion on FR2 DL CA test procedure**

*Type: discussion For: Approval  
 Source: Rohde & Schwarz*

(Replaces R5-214940)

**Discussion:**

"Revised from: R5-214940r1.

Noted and proposals endorsed"

**Decision:** The document was **noted**.

**R5-215197 Discussion on AMPR edge RB allocation for NS**

*Type: discussion For: Discussion  
 38.521-1 v..  
 Source: Apple Italia S.R.L.*

**Abstract:**

AMPR for NS values edge RB allocation is omitted for several bands.

**Discussion:**

AMPR for NS values edge RB allocation is omitted for several bands.

Proposal: RAN5 to send LS to RAN4 group to clarify band edge requirement for NS\_21 and other NS values where AMPR requirement is defined as “Outer/Inner” but edge requirement is omitted.

Email discussion ongoing

LS verdict for sept8th , document Noted

**Decision:** The document was **noted**.

**R5-215215 Discussion on WF for FR2 MU**

*Type: discussion For: Discussion  
 Source: Guangdong OPPO Mobile Telecom.*

**Discussion:**

Keysight US: First of all, I would like to draw your attention to a WF from TE vendors in R5-192820 that already decided an MU evolution project/SI, specifically Proposals 4 through 6. I would hope that we could continue to follow the proposals/work plan agreed previously. We had agreed that this MU evolution project would start no sooner than RAN#90 (December 2020) but given the current situation and delays we had, we believe the earliest for this SI to start is 2022.

Additionally, we don’t think it would be wise to define a reference MU (SISO, NTC, PC3) and prevent the MUs for other conditions/PCs to be larger than the reference MU especially since we have already defined ETC MUs in TR38.903/MTSUs/TTs in TS38.521-2 based on peer-reviewed sample data. Additionally, we have already made some progress to define PC1 MUs in 38.903 based on assumptions specifically related to PC1 antennas. We don’t think it is appropriate to completely discard all this work which was based on previous agreements.

Wo do not have a strong view on setting up an AP to discuss the next steps to reduce MU but a formal AP might be a bit too strong and thus not necessary.

R&S: We share the same view as Keysight and Anritsu and cannot agree to Proposal 1.

Given that MU even for priority 1 TCs has not been completed, we feel that we should focus our resources on these.

OPPO: For proposal 1, I do not aim to remove ETC or PC1 test. Since that the MU would increase requirements of UE and impact network deployment. So the definition of MU should not only consider the test system itself. We need to also consider whether UE could achieve the “UE design requirements” and whether the high MU will cause harm to the network. From a UE vender point of view, I have to say that if the MU increases in the future, the FR2 UE design will be very difficult. We will face the problems that a qualified UE cannot pass the certification due to the high MU. That is absolutely unfair. Proposal 1 would be a way to prevent this problem from happening.

Huawei: We share the same view that FR2 MU is quite critical to industry and real network performance. Currently for PC3 the MU is already quite large, if the MU would grow unrestrained in the future, more impact could be expected on the industry.

Therefore we think proposal 1 is quite a good starting point for us to consider how to guarantee a better overall performance in real network.

8/24 FR2 MU GTM#2:

KS: Can agree to P2 but not P1. Concept of reference MU is not acceptable since we are holding other PCs and options to a PC3 reference MU. For example, PC1 MU has different UE assumptions from PC3. Don't see the need to have a one meeting cycle delay.

Orange: OK with P2 but do not agree with an MU reference as in P1. Need improvement in the future.

OPPO: One meeting cycle time is needed to evaluate the MU value. If we remove PC3 in the reference, can P1 be acceptable?

KS: Not sure what the reference is if PC3 is taken out.

HW: Support P1. Having one additional meeting cycle to check would be good for the industry. Could add with [ ] at the existing meeting.

Anritsu: Cannot separate the MU for the more complicated test cases from the MU improvement efforts.

R&S: In alignment with KS and Anritsu.

Moderator (AT&T): This paper can be given a final Tdoc number and noted.

**Decision:** The document was **revised to R5-215825**.

**R5-215825 Discussion on WF for FR2 MU**

*Type: discussion For: Discussion  
 Source: Guangdong OPPO Mobile Telecom.*

(Replaces R5-215215)

**Discussion:**

"Revised from: R5-215215r1. No

proposals were endorsed"

**Decision:** The document was **noted**.

**R5-215226 Discussion on test method for NR intra-band CA within FR1**

*Type: discussion For: Discussion  
 Source: Guangdong OPPO Mobile Telecom.*

**Discussion:**

r2

Proposal 1: It is proposed that continuing to study the intra-band CA test method that satisfies equal PSD and maximum power transmission.

Comments from HW and R&S.

r3

All 3 Proposals are endorsed.

**Decision:** The document was **revised to R5-215818**.

**R5-215818 Discussion on test method for NR intra-band CA within FR1**

*Type: discussion For: Discussion  
 Source: Guangdong OPPO Mobile Telecom.*

(Replaces R5-215226)

**Discussion:**

"Revised from: R5-215226r3.

proposal2, 3 are endorsed and implemented in CR’s , prop1 is endorsed for future study, document noted"

**Decision:** The document was **noted**.

**R5-215319 On MU of FR2 power control test cases**

*Type: discussion For: Endorsement  
 Source: Anritsu*

**Discussion:**

"8/18 FR2 MU GTM#1:

R&S: We have the preference to include amplifier MU. Fine to remove [ ] in P6 since the step size is not large. P5 should be revisited after deciding step size. P4 is aligned with R&S proposal. Need to finalize all values before removing [ ] from P2.

Anritsu: We prefer to continue more detailed discussion over email.

Moderator (AT&T): Anritsu to convene an email discussion on R5-215321, R5-215319, and R5-215485.

8/24 FR2 MU GTM#2:

Anritsu: P4, P6 and P7 can be endorsed. P3 can be withdrawn. P1, P2 and P5 are under further discussion.

Moderator (AT&T): This paper can be noted and P4, P6, and P7 can be endorsed.

Convenor: noted and prop 4, 6, 7 endorsed"

**Decision:** The document was **noted**.

**R5-215321 Testability analysis and test point optimization for FR2 absolute power tolerance and aggregate power tolerance**

*Type: discussion For: Endorsement  
 Source: Anritsu*

**Discussion:**

"8/18 FR2 MU GTM#1:

R&S: Which noise floor has been assumed for the numbers in Table 3? In P6, need more time to check.

Anritsu: We assume noise floor for minimum output power test cases.

Moderator (AT&T): Anritsu to convene an email discussion on R5-215321, R5-215319, and R5-215485.

8/24 FR2 MU GTM#2:

Anritsu: No comments. Proposals can be endorsed and test cases can be completed.

Moderator (AT&T): This paper can be noted and proposals can be endorsed.

Convenor: noted and proposals are endorsed"

**Decision:** The document was **noted**.

**R5-215324 Dynamic range issue and its solution in ON OFF time mask**

*Type: discussion For: Endorsement  
 Source: Anritsu*

**Discussion:**

"8/18 FR2 MU GTM#1:

Moderator (AT&T): Open for further discussion and needs to be considered with any outcomes on R5-215480.

8/24 FR2 MU GTM#2:

KS: Are we trying to leverage the FR1 conclusion for FR2 at the next meeting?

Anritsu: FR1 is solved in E/// paper. Need more discussion for FR2 at the next meeting. Same method for FR1 should be able to be applied for FR2.

R&S: Wonder if the E/// solution could be used for Rel-15 FR2 UEs due to p-Max.

Moderator (AT&T): This paper can be noted.

Convenor: noted and no proposals endorsed"

**Decision:** The document was **noted**.

**R5-215328 On MU and TT for FR2 EVM**

*Type: discussion For: Endorsement  
 Source: Anritsu*

**Discussion:**

"8/24 FR2 MU GTM#2:

Moderator (AT&T): The paper can be noted.

Convenor: noted and no proposals endorsed"

**Decision:** The document was **noted**.

**R5-215409 FR2 RRM test cases: Known Issue List**

*Type: discussion For: Information  
 Source: Ericsson*

**Abstract:**

Document for tracking FR2 RRM known issues

**Decision:** The document was **noted**.

**R5-215410 FR2 RRM test cases: Known Issue List - after RAN5\_92e**

*Type: discussion For: Information  
 Source: Ericsson*

**Abstract:**

Placeholder for document capturing RRM known issue list status after RAN5\_91e

**Discussion:**

"LATE DOCUMENT

Placeholder for document capturing RRM known issue list status after RAN5\_91e

Moderator (E///): R5-215410 intended to capture progress of RRM FR2 known issues during RAN5#92e has been uploaded to ftp. Changes to the previous version are highlighted. There is still one issue not assigned to any company. Volunteers are welcome. "

**Decision:** The document was **noted**.

**R5-215476 On the MU of Tx Modulation Quality test cases**

*Type: discussion For: Endorsement  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Associated CRs in R5-215477 and R5-215478

**Discussion:**

8/24 FR2 MU GTM#2:

R&S: Presented status of the latest discussions. Focus on FR2a at this meeting and CBWs of 100MHz and below.

Anritsu: We should consider guarantee testability or not prior to deciding on limits.

KS: We are changing the criteria to calculate the MU. This case is not using the approach to use noise floor.

E///: This analysis is assuming a 12.5dB power backoff. It is a good alternative to no testing at all but may need further study.

Moderator (AT&T): The paper can be noted.

Convenor: noted and no proposals endorsed

**Decision:** The document was **noted**.

**R5-215479 On the MU of FR2 OBW**

*Type: discussion For: Endorsement  
 Source: ROHDE & SCHWARZ*

**Discussion:**

Anritsu: We don’t have a paper on this topic as we think MU depends on how the PCC/SCC priority issue will be solved finally. Also, even if we can assume the maximum power level as ever, Anritsu proposed different values in previous meeting.

Our proposal is to wait until RAN5 decide the direction for solving PCC/SCC priority issue before discussing MU for OBW CA.

Keysight Spain: we don’t fully understand either whether we are mitigating the risk described in observation 1. If we don’t consider TT in the ON power, impact of noise in actual OBW measurement (compared to those used in MU calculations) will be higher and my understanding is that we need to consider the worst case. Could you please clarify?

R&S: We have not considered TT for the following reasons:

- Alignment of simulation assumptions with the ones Anritsu applies

- Decision of RAN5 not to consider TT in MU assessment.

On the last item: We had initiated a discussion several meetings ago whether TT should be considered when assessing the influence of noise. The outcome of the discussion was to base the influence of noise on the minimum requirement or minimum requirement + relaxation if relaxation is applied and not to consider TT.

Due to Anritsu’s comment and the status of the PCC/SCC priority issue, we think that we should focus the discussion in this meeting on the alignment on simulation assumption with respect to power level.

8/17: Offline discussions are occurring.

8/18 FR2 MU GTM#1:

R&S: Offline comments received from Anritsu and KS. Agree that we need to wait for conclusion of PCC/SCC priority issue before discussing MU for OBW CA. We can note this paper at this time.

Moderator (AT&T): This paper can be noted.

Convenor: noted and no proposals endorsed

**Decision:** The document was **noted**.

**R5-215480 On FR2 ON/OFF Time Mask**

*Type: discussion For: Endorsement  
 Source: ROHDE & SCHWARZ*

**Discussion:**

Apple: As I understand R5-215480 (R&S) is focusing on “ON Power” accuracy and R5-215324(Anritsu) focused on the “OFF Power” accuracy. Both should be important, so we may merge these two solution together that separate ON/OFF time mask into two measurements and analyze the option:

1. OFF - ON Power, let's use R&S method and config the TE optimized for ON power range.

2. ON - OFF Power, let’s use Anritsu method and config the TE optimized for OFF power range.

Transient period:

I did not see consideration of transient period and any relaxation on transient period is needed in R&S paper R5-215480. I think it will be good to understand the impact of measuring max UE output power and transient period. We see transient period has some impact on passing test case while measuring higher output power during ON power measurement in doc R5-214323. In case of R5-215324 I see transient period is discussed but it will be good get more information in "Table 3 Judgement Accuracy”, to understand it better.

8/18 FR2 MU GTM#1:

E///: Will we end up with a lower noise power for a marginal UE?

R&S: Will need different ranges for different ON powers. Would have to analyze the improvement on noise power.

Anritsu: Does each option assume measuring only off power? Anritsu proposal is similar to Option 1 since we assumed no damage. Option 2 will result in different ranges and will make test cases more complex.

R&S: Assume only OFF power is measured. Need to analyze if amplifier damage is possible for UE close to 43dBm. Based on this, it is fair to have a more complex solution. No impact to EVM and MPR test cases.

8/24 FR2 MU GTM#2:

Moderator (AT&T): This paper can be noted.

Convenor: noted and no proposals endorsed

"

**Decision:** The document was **noted**.

**R5-215481 On the SNR of FR2 TRx test cases for PC1**

*Type: discussion For: Endorsement  
 Source: ROHDE & SCHWARZ*

**Discussion:**

"8/24 FR2 MU GTM#2:

Moderator (AT&T): No comments received. No corresponding CR. The paper can be noted and the proposal is endorsed.

Convenor: noted and proposal is endorsed"

**Decision:** The document was **noted**.

**R5-215485 On the relative power measurement MU**

*Type: discussion For: Endorsement  
 Source: ROHDE & SCHWARZ*

**Discussion:**

"8/18 FR2 MU GTM#1:

R&S: received offline feedback from E/// on RAN4 dependency.

Moderator (AT&T): Anritsu to convene an email discussion on R5-215321, R5-215319, and R5-215485.

8/24 FR2 MU GTM#2:

Anritsu: P1 is related to P4 in Anritsu paper and can be endorsed. P2 can also be endorsed.

Moderator (AT&T): This paper can be noted and the proposals can be endorsed.

Convenor: noted and proposals are endorsed"

**Decision:** The document was **noted**.

**R5-215515 Discussion on coherent UL-MIMO measurement**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

Noted and proposals endorsed.

**Decision:** The document was **revised to R5-215820**.

**R5-215820 Discussion on coherent UL-MIMO measurement**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon*

(Replaces R5-215515)

**Discussion:**

"Revised from: R5-215515r1.

Associated CR in R5-215544

Noted and proposal endorsed"

**Decision:** The document was **noted**.

**R5-215523 5GS\_NR\_LTE-UEConTest Work plan extension request**

*Type: discussion For: Endorsement  
 Source: Keysight technologies UK Ltd*

**Discussion:**

proposals 2 & 3 are endorsed.

**Decision:** The document was **noted**.

**R5-215527 Occupied bandwidth for Intra-Band Contiguous EN-DC measurement uncertainty**

*Type: discussion For: Endorsement  
 Source: Keysight technologies UK Ltd*

**Discussion:**

noted without endorsement

8/18 FR2 MU GTM#1:

KS: This paper is FR1 related. No need to treat here.

Moderator (AT&T): Need to remove FR2 MU tag.

R&S comment

KS: an be noted without endorsement

Convenor: Noted , no proposals endorsed, CR’s R5-215528, R5-215529 withdrawn

**Decision:** The document was **noted**.

**R5-215531 Out-of-band emissions for FR2 UL MIMO initial conditions**

*Type: discussion For: Endorsement  
 Source: Keysight technologies UK Ltd, Sporton*

**Discussion:**

"Associated CR in R5-215532, R5-215535, R5-215536

R&S comment to the associated CR R5-215532

Noted and proposals endorsed. CR’s to implement the proposals"

**Decision:** The document was **noted**.

**R5-215533 Out-of-band emissions for FR2 UL MIMO Measurement uncertainties and test tolerances**

*Type: discussion For: Endorsement  
 Source: Keysight technologies UK Ltd, Sporton*

**Discussion:**

"Associated CR in R5-215534

8/24 FR2 MU GTM#2:

Moderator (AT&T): No comments received. The paper can be noted and the proposal is endorsed.

Convenor: noted and proposal is endorsed"

**Decision:** The document was **noted**.

**R5-215555 Clarification text on LCS Sub-Test Cases**

*Type: discussion For: Agreement  
 38.521-2 v..  
 Source: Apple Gesellschaft*

**Decision:** The document was **withdrawn**.

**R5-215560 Discussion on handling ETC for FR2 RF CA test case scenarios**

*Type: discussion For: Discussion  
 38.521-2 v..  
 Source: Apple Gesellschaft*

**Discussion:**

More analysis and quantification needed for both observations

**Decision:** The document was **noted**.

**R5-215565 Discussion of test applicability for different NS values**

*Type: discussion For: Endorsement  
 Source: Qualcomm Austria RFFE GmbH*

**Discussion:**

r4

Deferred for further offline discussion to check 38.307 and whether the NS values is OK to be supported across releases.

Make proposal to include an editors note instead of applicability in -1 spec and also conclude on applicability spec CR by next meeting

Revision4 to be produced for verdict and CR changed based on revision4

AP#92e.21 raised to address applicability spec changes

**Decision:** The document was **revised to R5-216083**.

**R5-216083 Discussion of test applicability for different NS values**

*Type: discussion For: Endorsement  
 Source: Qualcomm Austria RFFE GmbH*

(Replaces R5-215565)

**Discussion:**

"Revised from: R5-215565r4.

Associated CR in R5-215566

Noted, proposal endorsed and implemented in CR"

**Decision:** The document was **noted**.

**R5-215580 On Declaration of Antenna Aperture for DFF based RRM systems**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

CR to 38.508-2 in R5-215581

**Discussion:**

8/18 FR2 MU GTM#1:

Anritsu: We have discussed this topic at multiple meetings. Option 1 and 3 are not acceptable by UE vendors at the time. We still think that Option 1 would be beneficial. Based on existing situation, we can accept Proposal 2.

E///: How will this affect testing? If no, is there no testing?

KS: Reviewed limits for DFF based test system to highlight range length. Would have to send to IFF-based test system if D>5cm.

Moderator: The document can be noted and the proposal can be endorsed.

Convenor: noted and proposal endorsed. CR R5-215581 ‘no verdict’ , more time to review"

**Decision:** The document was **noted**.

**R5-215607 On FR2 RLM testability issues**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

r2

8/18 FR2 MU GTM#1:

R&S: r1 is inline with our assumptions at the last meeting. Need further check of r1 to confirm. P4 is confusing. With other proposals, we likely don't need P4.

KS: P3 and P4 are linked. Wanted to be clear that the verdict is based on power level detection.

Anritsu: Need more time for r1 review. Seems OK but need to check values.

E///: If we don't have a threshold, it is quite arbitrary how the TE declares power level detection. Can we set the threshold to 16-14?

KS: We think that we just need to define a mechanism to determine if the UE is in-sync or out-of-sync.

QC: This test case is with fading. Expected range without fading is 16 but we cannot defne the same range with fading. No testability concerns if the power is way above off power.

Anritsu: Maybe we need to align with RF TRx discussion for power control assumptions.

8/24 FR2 MU GTM#2:

KS: Will produce the example requested by E/// in a revision and post tomorrow.

Anritsu: Good to have the example related to the RF test cases. Proposal may need to be limited to 100MHz.

KS: Test cases are coming from RAN4 so we are limited on what we can do in RAN5. Usually they are limited to 100MHz.

Anritsu: Could add a sentence in the example that it is for 100MHz.

Moderator (AT&T): E/// and Anritsu will review the revision tomorrow. Conclude on it tomorrow since there is no corresponding CR.

8/25:

Moderator (AT&T): Based on the r2 adopting the recommended updates and feedback from E/// and Anritsu, this paper can be given a final Tdoc number and noted. The proposals can be endorsed.

**Decision:** The document was **revised to R5-215827**.

**R5-215827 On FR2 RLM testability issues**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-215607)

**Discussion:**

"Revised from: R5-215607r2.

Noted and proposals endorsed"

**Decision:** The document was **noted**.

**R5-215608 On max testable SNR for Demod testing**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK Ltd*

**Decision:** The document was **withdrawn**.

**R5-215615 Clarification text on LCS Sub-Test Cases**

*Type: discussion For: Agreement  
 38.521-2 v..  
 Source: Apple Gesellschaft*

**Discussion:**

uploaded as R5-215616.

**Decision:** The document was **withdrawn**.

**R5-215627 Beam correspondence Measurement Uncertainties**

*Type: discussion For: Endorsement  
 Source: Keysight technologies UK Ltd*

**Discussion:**

late doc

**Decision:** The document was **withdrawn**.

**R5-215632 Views on handling Scell Drop in FR2 RF CA tests**

*Type: discussion For: Agreement  
 38.521-2 v..  
 Source: Apple Portugal*

**Discussion:**

"Noted no proposals

Verizon: Suggests to consider intermediate proposal of test mode while RAN4/1 continues the discussions

VC: RAN5 to consider the progress achieved in RAN4 and provide a possible closure to AP in RAN5 for an intermediate solution by RAN5#93e

Noted"

**Decision:** The document was **noted**.

**R5-215660 Discussion on MU for Demod SDR test case**

*Type: discussion For: Endorsement  
 Source: Qualcomm Korea*

**Discussion:**

Anritsu: - Available DL power at CW 1dB compression at QZ, dBm for FR2a is -32.8dBm, not -32.3 or -32.0dBm, could you update it ? Also, could you merge the n257/n261 and n258 sheet ?

- Achievable baseband SNR (if we define even for non-AWGN test, where SNR defined as Es / UE thermal noise) will be 32.4dBm with this modification.

- Cell F19 -> “Wanted signal Es dBm/SCS” is not directly usable as a power level set by the test system as this value includes the DL MU. We can just configure the DL power at the achievable DL power : -32.8-13 = -45.8dBm, which is -74.8dBm/SCS for 66RB case.

8/24: Offline discussions are occurring.

8/24 FR2 MU GTM#2:

R&S: SNR is per CC. If there is a large number of CCs, the power should be distributed across CCs. PSD approach is not feasible. Need to specify total available downlink power.

QC: This particular test case is a single CC test case.

R&S: Is the maximum 100MHz?

QC: Possible for 200 or 400MHz. Could add an editor's note that this is valid for 100MHz.

Moderator (AT&T): Modify P1 and P2 to specify that they are limited to 100MHz. With these updates the proposals can be endorsed. QC and R&S will work together to incorporate the 38.903 updates in the R&S CR in R5-214204. The revision should be OK to endorse the proposals. Will offically conclude on the document when r1 is posted.

8/25:

Moderator (AT&T): Based on the r1 adopting the recommended updates, this paper can be given a final Tdoc number and noted. The proposals can be endorsed.

**Decision:** The document was **revised to R5-215828**.

**R5-215828 Discussion on MU for Demod SDR test case**

*Type: discussion For: Endorsement  
 Source: Qualcomm Korea*

(Replaces R5-215660)

**Discussion:**

"LATE DOCUMENT

Revised from: R5-215660r1.

Noted and proposals endorsed"

**Decision:** The document was **noted**.

**R5-215661 Discussion on max testable SNR for Demod scenarios**

*Type: discussion For: Endorsement  
 Source: Qualcomm Korea*

**Discussion:**

r1

LATE DOCUMENT

8/18 FR2 MU GTM#1:

R&S: Our current assumptions are based on state of the art equipment. We can consider further improvement in the future.

Anritsu: Comment similar to R&S. Some values are already assumed to be lower than RAN4 assumptions. Not possible to improve the situation now.

KS: Same comment as R&S and Anritsu. For future, we can explore changing the test methodology to use near-field testing.

E///: Room for optimization in the backoff value. We have an open AP for this investigation but no progress on it. At last meeting, it was mentioned that RAN4 could adjust DL power level.

QC: EVM cannot be measured with fading. Hard to estimate acceptable backoff. RAN4 DL assumption is already based on REFSENS.

8/24 FR2 MU GTM#2:

E///: Refer to the AP on additional clipping in the updated proposal.

Moderator (AT&T): r1 will be produced to modify the proposal to focus the investigation on additional clipping and refer to the open AP. With this update the proposal can be endorsed. Will offically conclude on the document when r1 is posted.

8/25:

Moderator (AT&T): Based on the r1 adopting the recommended updates, this paper can be given a final Tdoc number and noted. The proposal can be endorsed.

**Decision:** The document was **revised to R5-215829**.

**R5-215829 Discussion on max testable SNR for Demod scenarios**

*Type: discussion For: Endorsement  
 Source: Qualcomm Korea*

(Replaces R5-215661)

**Discussion:**

"LATE DOCUMENT

Revised from: R5-215661r1.

Noted and proposals endorsed"

**Decision:** The document was **noted**.

#### 5.3.3 Rel-15 LTE CA configurations (UID - 770064) LTE\_CA\_R15-UEConTest

##### 5.3.3.1 TS 36.508

**R5-214938 Addition of test frequency of CA\_66A-66A-66A**

*Type: CR For: Agreement  
 36.508 v16.9.0 CR-1369 Cat: F (Rel-16)  
  
 Source: Rohde & Schwarz*

**Decision:** The document was **agreed**.

##### 5.3.3.2 TS 36.521-1

**R5-214937 Update of Rx Test Cases for CA\_66A-66A-66A**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5332 Cat: F (Rel-16)  
  
 Source: Rohde & Schwarz*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215922**.

**R5-215922 Update of Rx Test Cases for CA\_66A-66A-66A**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5332 rev 1 Cat: F (Rel-16)  
  
 Source: Rohde & Schwarz*

(Replaces R5-214937)

**Decision:** The document was **agreed**.

##### 5.3.3.3 TS 36.521-2

**R5-215270 Update to applicability TDD FDD 6DL CA Performance test cases**

*Type: CR For: Agreement  
 36.521-2 v16.9.0 CR-0965 Cat: F (Rel-16)  
  
 Source: DEKRA*

**Discussion:**

r2

**Decision:** The document was **revised to R5-215923**.

**R5-215923 Update to applicability TDD FDD 6DL CA Performance test cases**

*Type: CR For: Agreement  
 36.521-2 v16.9.0 CR-0965 rev 1 Cat: F (Rel-16)  
  
 Source: DEKRA*

(Replaces R5-215270)

**Decision:** The document was **agreed**.

##### 5.3.3.4 TS 36.521-3

**R5-215271 Update applicability of TC 9.2.58**

*Type: CR For: Agreement  
 36.521-3 v16.9.0 CR-2590 Cat: F (Rel-16)  
  
 Source: DEKRA*

**Discussion:**

.doc

r1

**Decision:** The document was **revised to R5-215924**.

**R5-215924 Update applicability of TC 9.2.58**

*Type: CR For: Agreement  
 36.521-3 v16.9.0 CR-2590 rev 1 Cat: F (Rel-16)  
  
 Source: DEKRA*

(Replaces R5-215271)

**Decision:** The document was **agreed**.

##### 5.3.3.5 TS 37.571-1

##### 5.3.3.6 TS 37.571-3

##### 5.3.3.7 TS 37.571-5

##### 5.3.3.8 TR 36.903 (E-UTRAN RRM TT analyses)

##### 5.3.3.9 TR 36.904 (E-UTRAN Radio Reception TT analyses)

##### 5.3.3.10 TR 36.905 (E-UTRAN Test Points Radio Transmission and Reception )

##### 5.3.3.11 Discussion Papers, Work Plan, TC lists

#### 5.3.4 Rel-16 CA configurations (UID - 810061) LTE\_CA\_R16-UEConTest

##### 5.3.4.1 TS 36.508

**R5-215574 Correction to LTE CA\_41E channel spacing**

*Type: CR For: Agreement  
 36.508 v16.9.0 CR-1376 Cat: F (Rel-16)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Discussion:**

is not LTE\_euCA-UEConTest. AI changed.

**Decision:** The document was **agreed**.

##### 5.3.4.2 TS 36.521-1

##### 5.3.4.3 TS 36.521-2

##### 5.3.4.4 TS 36.521-3

##### 5.3.4.5 TS 37.571-1

##### 5.3.4.6 TS 37.571-3

##### 5.3.4.7 TS 37.571-5

##### 5.3.4.8 TR 36.903 (E-UTRAN RRM TT analyses)

##### 5.3.4.9 TR 36.904 (E-UTRAN Radio Reception TT analyses)

##### 5.3.4.10 TR 36.905 (E-UTRAN Test Points Radio Transmission and Reception )

##### 5.3.4.11 Discussion Papers, Work Plan, TC lists

#### 5.3.5 Enhancing LTE CA Utilization (UID - 820066) LTE\_euCA-UEConTest

##### 5.3.5.1 TS 36.508

##### 5.3.5.2 TS 36.521-2

**R5-215577 Introduction of SCell hibernation RRM Testcase Applicabilities**

*Type: CR For: Agreement  
 36.521-2 v16.9.0 CR-0967 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

##### 5.3.5.3 TS 36.521-3

**R5-215552 New testcase for E-UTRAN FDD hibernation and activation of known SCell in Non-DRX**

*Type: CR For: Agreement  
 36.521-3 v16.9.0 CR-2591 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**R5-215553 New testcase for E-UTRAN FDD hibernation and activation of unknown SCell in Non-DRX**

*Type: CR For: Agreement  
 36.521-3 v16.9.0 CR-2592 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**R5-215554 New testcase for E-UTRAN TDD hibernation and activation of known SCell in Non-DRX**

*Type: CR For: Agreement  
 36.521-3 v16.9.0 CR-2593 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**R5-215561 New testcase for E-UTRAN TDD hibernation and activation of unknown SCell in Non-DRX**

*Type: CR For: Agreement  
 36.521-3 v16.9.0 CR-2594 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

##### 5.3.5.4 TR 36.903 (E-UTRAN RRM TT analyses)

##### 5.3.5.5 Discussion Papers, Work Plan, TC lists

#### 5.3.6 REL-16 NR CA and DC; and NR and LTE DC Configurations (UID-830083) NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest

##### 5.3.6.1 TS 38.508-1

**R5-214727 Introduction of test frequencies for CA\_n48B**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1974 Cat: F (Rel-17)  
  
 Source: Ericsson, Dish Network, Verizon*

**Decision:** The document was **agreed**.

**R5-214962 Alignment of test frequency tables for CA\_n48(2A), CA\_n66(2A), CA\_n77(2A) and CA\_n78(2A)**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1999 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

##### 5.3.6.2 TS 38.508-2

**R5-215458 Editorial corrections of A.4.3.2B.2.3.1 for inter-band EN-DC within FR1**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0251 Cat: F (Rel-17)  
  
 Source: ZTE Corporation, China Unicom, China Telecom*

**Abstract:**

This CR is to correct A.4.3.2B.2.3.1 for inter-band EN-DC within FR1

**Discussion:**

r1

**Decision:** The document was **revised to R5-216106**.

**R5-216106 Editorial corrections of A.4.3.2B.2.3.1 for inter-band EN-DC within FR1**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0251 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation, China Unicom, China Telecom*

(Replaces R5-215458)

**Decision:** The document was **agreed**.

##### 5.3.6.3 TS 38.521-1

###### 5.3.6.3.1 Tx Requirements (Clause 6)

**R5-215453 Update of 6.2A.1 for UE maximum output power for CA**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1363 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is to update of 6.2A.1 for UE maximum output power for CA

**Discussion:**

r1

**Decision:** The document was **revised to R5-216107**.

**R5-216107 Update of 6.2A.1 for UE maximum output power for CA**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1363 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-215453)

**Decision:** The document was **agreed**.

**R5-215463 Correct the abbreviations for network signalling value in 38.521-1**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1366 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is to correct the abbreviations for network signalling value in 38.521-1

**Discussion:**

r1?

"This CR is to correct the abbreviations for network signalling value in 38.521-1

RAN4 dependent draftCR R4-2112725 (Endorsed)

Author notified no overlap."

**Decision:** The document was **agreed**.

###### 5.3.6.3.2 Rx Requirements (Clause 7)

###### 5.3.6.3.3 Clauses 1-5, Annexes

**R5-215465 Correction of 5.5C for configurations of SUL bands**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1367 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is for correction of 5.5C for configurations of SUL bands

**Discussion:**

RAN4 CR R4-2112724 will defer to make decision at next meeting.

**Decision:** The document was **withdrawn**.

##### 5.3.6.4 TS 38.521-2

###### 5.3.6.4.1 Tx Requirements (Clause 6)

**R5-215464 Correct the abbreviations for network signalling value in 38.521-2**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0603 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is to correct the abbreviations for network signalling value in 38.521-2

**Discussion:**

Rel-17!

r1

**Decision:** The document was **revised to R5-215925**.

**R5-215925 Correct the abbreviations for network signalling value in 38.521-2**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0603 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-215464)

**Decision:** The document was **agreed**.

###### 5.3.6.4.2 Rx Requirements (Clause 7)

###### 5.3.6.4.3 Clauses 1-5, Annexes

**R5-215454 Update of 5.5A.2 for intra-band non-contiguous CA configuration table**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0601 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is to update of 5.5A.2 for intra-band non-contiguous CA configuration table

**Discussion:**

Rel-17!

r1

w/d!

merged into R5-215455r2.

**Decision:** The document was **revised to R5-215807**.

**R5-215807 Update of 5.5A.2 for intra-band non-contiguous CA configuration table**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0601 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-215454)

**Decision:** The document was **withdrawn**.

**R5-215455 Update of 5.5A.1 for intra-band contiguous CA configuration table**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0602 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is to update of 5.5A.1 for intra-band contiguous CA configuration table

**Discussion:**

Rel-17!

r2

**Decision:** The document was **revised to R5-216063**.

**R5-216063 Update of 5.5A.1 for intra-band contiguous CA configuration table**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0602 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-215455)

**Decision:** The document was **agreed**.

##### 5.3.6.5 TS 38.521-3

###### 5.3.6.5.1 Tx Requirements (Clause 6)

**R5-214317 Update of Rel-16 EN-DC DC\_40A\_n1A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1066 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214315

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-214318 Update of Rel-16 EN-DC DC\_40A\_n78A in spurious emission test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1067 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TP analysis in R5-214316

Moderator (KEYS) week#1 summary:

Agreed way forward is to only keep updates for those band combos whose TP analysis is complete in 38.905.

Keep this document as it is and solve overlap in revisions of CRs including more than one band combo (not yet available).

To be kept as deferred at this stage.

Convenor: based on week#1 moderator summary , overlap to be removed by the other CR's , tag 'could be p.agreed'.

8/24 Moderator (KEYS): No further comments received. It is proposed to P. AGREED."

**Decision:** The document was **agreed**.

**R5-215216 Update of general spurious emissions test requirements for Rel-16 inter-band EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1117 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TP in R5-215217 ~ 5222

**Discussion:**

r2

**Decision:** The document was **revised to R5-216015**.

**R5-216015 Update of general spurious emissions test requirements for Rel-16 inter-band EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1117 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215216)

**Decision:** The document was **agreed**.

**R5-215380 Update of applicability and title for R16 EN-DC Tx tests**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1146 Cat: F (Rel-17)  
  
 Source: Bureau Veritas*

**Abstract:**

Editorial CR - TC title/applicability change for LTE anchor-agnostic approach

**Decision:** The document was **agreed**.

**R5-215451 Update of 6.5B.3.3.2.3 for the requirements of spurious emission band UE co-existence limits for Rel-16**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1154 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is to update of 6.5B.3.3.2.3 for the requirements of spurious emission band UE co-existence limits for Rel-16

**Discussion:**

r2

**Decision:** The document was **revised to R5-216016**.

**R5-216016 Update of 6.5B.3.3.2.3 for the requirements of spurious emission band UE co-existence limits for Rel-16**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1154 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-215451)

**Decision:** The document was **agreed**.

**R5-215522 Spurious co-existence corrections for band combo DC\_8\_n41**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1161 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd, Ericsson*

**Discussion:**

WIC should be NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest !

r1

**Decision:** The document was **revised to R5-215926**.

**R5-215926 Spurious co-existence corrections for band combo DC\_8\_n41**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1161 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd, Ericsson*

(Replaces R5-215522)

**Decision:** The document was **agreed**.

**R5-215570 Update for 6.5B.3.3.1 for Rel 16 combos**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1173 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Abstract:**

TP in R5-215516, R5-215543, R5-215545

**Discussion:**

r1

**Decision:** The document was **revised to R5-215927**.

**R5-215927 Update for 6.5B.3.3.1 for Rel 16 combos**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1173 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

(Replaces R5-215570)

**Decision:** The document was **agreed**.

**R5-215571 Update for 6.5B.3.3.2 Spurious emission band UE co-existence**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1174 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Discussion:**

old title: Update of Rel-16 spurious emission test case 6.5B.3.3.2

CR coversheet:

Update for 6.5B.3.3.2 Spurious emission band UE co-existence!

r1

**Decision:** The document was **revised to R5-215810**.

**R5-215810 Update for 6.5B.3.3.2 Spurious emission band UE co-existence**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1174 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

(Replaces R5-215571)

**Decision:** The document was **withdrawn**.

###### 5.3.6.5.2 Rx Requirements (Clause 7)

**R5-215668 Correcting references in EN-DC RX test cases**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1179 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

reissued from R5-215049 because of wrong spec.

**Discussion:**

WIC change from 5G to NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest.

**Decision:** The document was **agreed**.

###### 5.3.6.5.3 Clauses 1-5, Annexes

**R5-215377 Update to EN-DC R16 common section**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1143 Cat: F (Rel-17)  
  
 Source: Bureau Veritas, Apple Portugal*

**Abstract:**

Core spec alignment; new EN-DC FR2 configuration added; removed un-assigned EN-DC FR2 configuration

**Discussion:**

r2

**Decision:** The document was **revised to R5-215928**.

**R5-215928 Update to EN-DC R16 common section**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1143 rev 1 Cat: F (Rel-17)  
  
 Source: Bureau Veritas, Apple Portugal*

(Replaces R5-215377)

**Decision:** The document was **agreed**.

**R5-215510 Updating test frequencies for Rel-16 inter-band EN-DC configurations**

*Type: CR For: Agreement  
 38.521-3 v16.8.0 CR-1158 Cat: F (Rel-16)  
  
 Source: DOCOMO Communications Lab.*

**Decision:** The document was **withdrawn**.

**R5-215639 Update to Rel.16 EN-DC FR2 Band Combination Tables**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1177 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

**Abstract:**

Cleanup to ensure only owned/assigned bands are included in RAN5 specs

**Discussion:**

Merged with R5-215377 from Bureau Veritas.

**Decision:** The document was **withdrawn**.

##### 5.3.6.6 TS 38.521-4

###### 5.3.6.6.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.6.6.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.6.6.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.6.6.4 Clauses 1-4, Annexes

##### 5.3.6.7 TS 38.522

**R5-214480 38.522 Jumbo CR for R16 CADC configurations**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0081 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

##### 5.3.6.8 TS 38.533

##### 5.3.6.9 TR 38.903 (NR MU & TT analyses)

##### 5.3.6.10 TR 38.905 (NR Test Points Radio Transmission and Reception)

**R5-214315 Update of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_40A\_n1A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0465 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214317

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-214316 Update of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_40A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0466 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"TC in R5-214316

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-215217 Update of TP analysis for general spurious emissions for DC\_3A\_n41A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0477 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-215216

**Discussion:**

r1

**Decision:** The document was **revised to R5-216017**.

**R5-216017 Update of TP analysis for general spurious emissions for DC\_3A\_n41A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0477 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215217)

**Decision:** The document was **agreed**.

**R5-215218 Update of TP analysis for general spurious emissions for DC\_8A\_n41A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0478 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-215216

**Discussion:**

changes have been covered by R5-215801r1.

**Decision:** The document was **withdrawn**.

**R5-215219 Update of TP analysis for general spurious emissions for DC\_12A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0479 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-215216

**Discussion:**

"TC in R5-215216

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-215220 Update of TP analysis for general spurious emissions for DC\_28A\_n3A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0480 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-215216

**Discussion:**

"TC in R5-215216

Moderator (KEYS) week#1 summary:

No comments received so far. Hence it seems it could be provisionally agreed.

Convenor: based on week#1 moderator summary, P.AGREED"

**Decision:** The document was **agreed**.

**R5-215221 Update of TP analysis for general spurious emissions for DC\_39A\_n41A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0481 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-215216

**Discussion:**

r1

**Decision:** The document was **revised to R5-216018**.

**R5-216018 Update of TP analysis for general spurious emissions for DC\_39A\_n41A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0481 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215221)

**Decision:** The document was **agreed**.

**R5-215222 Update of TP analysis for general spurious emissions for DC\_40A\_n41A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0482 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-215216

**Discussion:**

r1

**Decision:** The document was **revised to R5-216019**.

**R5-216019 Update of TP analysis for general spurious emissions for DC\_40A\_n41A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0482 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215222)

**Decision:** The document was **agreed**.

**R5-215516 Update\_TP\_analysis for Rel\_16\_DC\_14A\_n66A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0500 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216064**.

**R5-216064 Update\_TP\_analysis for Rel\_16\_DC\_14A\_n66A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0500 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

(Replaces R5-215516)

**Decision:** The document was **agreed**.

**R5-215543 Update\_TP\_analysis for Rel\_16\_DC\_14A\_n2A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0502 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Decision:** The document was **agreed**.

**R5-215545 Update\_TP\_analysis for Rel\_16\_DC\_13A\_n2A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0503 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Decision:** The document was **agreed**.

**R5-215669 TP analysis for ref sensitivity DC\_48A\_n66A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0506 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Abstract:**

reissued from R5-215569 because of wrong spec in 3GU!

**Discussion:**

was already concluded.

r2

**Decision:** The document was **revised to R5-216109**.

**R5-216109 TP analysis for ref sensitivity DC\_48A\_n66A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0506 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

(Replaces R5-215669)

**Decision:** The document was **agreed**.

**R5-215801 Update of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_8A\_n41A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0507 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd, Ericsson, Huawei, HiSIlicon*

**Abstract:**

overlap with R5-215218 (Huawei)

**Discussion:**

late doc

r2

**Decision:** The document was **revised to R5-216020**.

**R5-216020 Update of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_8A\_n41A**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0507 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight technologies UK Ltd, Ericsson, Huawei, HiSIlicon*

(Replaces R5-215801)

**Decision:** The document was **agreed**.

##### 5.3.6.11 Discussion Papers, Work Plan, TC lists

**R5-215524 NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest Work plan extension request**

*Type: discussion For: Endorsement  
 Source: Keysight technologies UK Ltd*

**Discussion:**

r1

No associated CR

revision of proposal needed to address feedback rxvd

Rel16 WP Rapp (CMCC) to reflect the proposals

**Decision:** The document was **revised to R5-215821**.

**R5-215821 NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest Work plan extension request**

*Type: discussion For: Endorsement  
 Source: Keysight technologies UK Ltd*

(Replaces R5-215524)

**Discussion:**

"Revised from: R5-215524r1.

Noted and proposals endorsed"

**Decision:** The document was **noted**.

#### 5.3.7 Enhancements on Full-Dimension (FD) MIMO for LTE (UID - 830085) LTE\_eFDMIMO-UEConTest

##### 5.3.7.1 TS 36.508

##### 5.3.7.2 TS 36.521-1

**R5-214329 Introduction of eFD-MIMO in FDD demod test with aperiodic ZP CSI-RS**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5322 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-214330 Introduction of eFD-MIMO in TDD demod test with aperiodic ZP CSI-RS**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5323 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

##### 5.3.7.3 TS 36.521-2

**R5-214331 Applicability for eFD-MIMO demod test cases**

*Type: CR For: Agreement  
 36.521-2 v16.9.0 CR-0964 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

was wrong AI??! .1 ->.3

**Decision:** The document was **agreed**.

##### 5.3.7.4 TR 36.904 (E-UTRAN Radio Reception TT analyses)

##### 5.3.7.5 TR 36.905 (E-UTRAN Test Points Radio Transmission and Reception )

##### 5.3.7.6 Discussion Papers, Work Plan, TC lists

#### 5.3.8 Study on 5G NR User Equipment (UE) Application Layer Data Throughput Performance (UID - 840090) FS\_UE\_5GNR\_App\_Data\_Perf

##### 5.3.8.1 TR 37.901-5

**R5-215261 Updates to 37.901-5 Annex A for Downlink Throughput tests with Variable Reference Channel**

*Type: CR For: Agreement  
 37.901-5 v16.4.0 CR-0014 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Abstract:**

Updates to 37.901-5 Annex A for Downlink Throughput tests with Variable Reference Channel

**Discussion:**

r1

Apple: concern is still there

- The WF from RAN4 indicates high-level assumptions and indicates other test parameters as contingent on how results alignment occurs in RAN4 (which is ongoing). RAN5 has to wait for RAN4 to complete that work and have awareness of what test points will be added before defining upper layer throughput test procedures.

- If you would like to add a test case structure, beyond the titles, at this point I would suggest limiting it to the definition and test purpose. The initial conditions/test procedures added in R5-215261r1, from a review, seem a copy/paste from the FRC tests which may not suffice. For example, the text points back to 38.521-4 7.2.2.2.1.0-2 which is from the FRC PHY test parameter section. Whereas, as you pointed out as well, there will be some leverage from the RI test and this will be confirmed by RAN4.

**Decision:** The document was **revised to R5-216121**.

**R5-216121 Updates to 37.901-5 Annex A for Downlink Throughput tests with Variable Reference Channel**

*Type: CR For: Agreement  
 37.901-5 v16.4.0 CR-0014 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-215261)

**Discussion:**

"Revised from: R5-215261r1.

QC: Since updating the initial conditions and test procedure to take into account the RAN4 test parameters will need more time, we agree to limit our contribution to definition and test purpose. We will plan to bring contribution in next RAN5 meeting to update the initial conditions and test procedure. draft 6121 provided for reviewing

Final to limit contribution to definition and test purpose

"

**Decision:** The document was **agreed**.

**R5-215586 Addition of RAN4 agreed contents for VRC scenarios to 37.901-5**

*Type: CR For: Agreement  
 37.901-5 v16.4.0 CR-0015 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

**Abstract:**

RAN4 dependent draftCR R4-2115743, R4-2115744, R4-2115745, R4-2115746

**Discussion:**

late doc

offline comments from E//.

RAN4 LS Tdoc# R4-2114569, Since RAN4 cannot contribute via regular CR to TR 37.901-5, as per discussion with RAN4 secretary, RAN4 would provide the CR contents via LS to RAN5.

QC: The contents of the CR needs to be updated based on the RAN4#100e LS that will be sent by the end of the meeting.

TR 37.901-5 needs to be upgraded to Rel17 to capture the RAN4 contents.

r3

Editorial corrections.

r4

**Decision:** The document was **revised to R5-216139**.

**R5-216139 Addition of RAN4 agreed contents for VRC scenarios to 37.901-5**

*Type: CR For: Agreement  
 37.901-5 v16.4.0 CR-0015 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

(Replaces R5-215586)

**Decision:** The document was **agreed**.

##### 5.3.8.2 Discussion Papers, Work Plan, TC lists

#### 5.3.9 New Rel-16 NR bands and extension of existing NR bands (UID - 850062) NR\_bands\_BW\_R16-UEConTest

##### 5.3.9.1 TS 38.508-1

##### 5.3.9.2 TS 38.508-2

##### 5.3.9.3 TS 38.521-1

###### 5.3.9.3.1 Tx Requirements (Clause 6)

**R5-215406 Update of CBW 70MHz into TC 6.3.4.2 absolute power tolerance**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1359 Cat: F (Rel-17)  
  
 Source: China Unicom*

**Decision:** The document was **agreed**.

**R5-215438 Update of CBW 70MHz into TC 6.3.4.3 relative power tolerance**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1360 Cat: F (Rel-17)  
  
 Source: China Unicom*

**Decision:** The document was **agreed**.

**R5-215439 Update of CBW 70MHz into TC 6.3A.3.1**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1361 Cat: F (Rel-17)  
  
 Source: China Unicom*

**Decision:** The document was **agreed**.

**R5-215452 Update of 6.3.3.6 for SRS time mask test for BW 70MHz**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1362 Cat: F (Rel-17)  
  
 Source: ZTE Corporation, China Unicom*

**Abstract:**

This CR is to update of 6.3.3.6 for SRS time mask test for BW 70MHz

**Discussion:**

r1

**Decision:** The document was **revised to R5-216110**.

**R5-216110 Update of 6.3.3.6 for SRS time mask test for BW 70MHz**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1362 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation, China Unicom*

(Replaces R5-215452)

**Decision:** The document was **agreed**.

**R5-215513 Update of CBW 70MHz into TC 6.3A.3.1\_1**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1372 Cat: F (Rel-17)  
  
 Source: China Unicom*

**Decision:** The document was **agreed**.

###### 5.3.9.3.2 Rx Requirements (Clause 7)

###### 5.3.9.3.3 Clauses 1-5, Annexes

**R5-215391 Update of R16 new CBW configurations into TS38.521-1 clause 5**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1356 Cat: F (Rel-17)  
  
 Source: China Unicom*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215929**.

**R5-215929 Update of R16 new CBW configurations into TS38.521-1 clause 5**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1356 rev 1 Cat: F (Rel-17)  
  
 Source: China Unicom*

(Replaces R5-215391)

**Decision:** The document was **agreed**.

##### 5.3.9.4 TS 38.521-2

###### 5.3.9.4.1 Tx Requirements (Clause 6)

###### 5.3.9.4.2 Rx Requirements (Clause 7)

###### 5.3.9.4.3 Clauses 1-5, Annexes

**R5-215509 Updating n259 TT in TS38.521-2**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0608 Cat: F (Rel-16)  
  
 Source: DOCOMO Communications Lab.*

**Discussion:**

according to RAN5 agreement that the TT deviation shall be based on finished MU value.

**Decision:** The document was **withdrawn**.

##### 5.3.9.5 TS 38.521-4

###### 5.3.9.5.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.9.5.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.9.5.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

**R5-215511 Addition of PDSCH demodulation for DC with power imbalance**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0389 Cat: F (Rel-16)  
  
 Source: DOCOMO Communications Lab.*

**Decision:** The document was **withdrawn**.

###### 5.3.9.5.4 Clauses 1-4, Annexes

##### 5.3.9.6 TS 38.533

##### 5.3.9.7 TS 37.571-1

##### 5.3.9.8 TR 38.903 ((NR MU & TT analyses)

##### 5.3.9.9 TR 38.905 (NR Test Points Radio Transmission and Reception)

##### 5.3.9.10 Discussion Papers, Work Plan, TC lists

**R5-214402 Discussion about Test tolerance of Band n259**

*Type: discussion For: Endorsement  
 38.521-2 v..  
 Source: DOCOMO Communications Lab.*

**Discussion:**

DCM: according to RAN5 agreement that the TT deviation shall be based on finished MU value, document could be noted.

8/23: Offline discussions are occurring.

8/24 FR2 MU GTM#2:

Moderator (AT&T): RF secretary to follow up with DOCOMO over email to confirm if the paper should be noted or withdrawn. Update over email is that the paper can be noted.

Convenor: noted and no proposals endorsed

**Decision:** The document was **noted**.

#### 5.3.10 Further NB-IoT enhancements (UID – 860031) NB\_IOTenh2-UEConTest

##### 5.3.10.1 TS 36.508

##### 5.3.10.2 TS 36.521-1

**R5-215106 Adding NB TDD testing into 7.6.1F**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5334 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

##### 5.3.10.3 TS 36.521-2

##### 5.3.10.4 TS 36.521-3

**R5-215107 Removing editors note from NB TDD RLM test cases**

*Type: CR For: Agreement  
 36.521-3 v16.9.0 CR-2589 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Sporton*

**Abstract:**

RAN4 dependent

**Discussion:**

r1

**Decision:** The document was **revised to R5-216140**.

**R5-216140 Removing editors note from NB TDD RLM test cases**

*Type: CR For: Agreement  
 36.521-3 v16.9.0 CR-2589 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Sporton*

(Replaces R5-215107)

**Decision:** The document was **agreed**.

##### 5.3.10.5 TS 37.571-1

##### 5.3.10.6 TS 37.571-3

##### 5.3.10.7 TS 37.571-5

##### 5.3.10.8 TR 36.903 (E-UTRAN RRM TT analyses)

##### 5.3.10.9 TR 36.904 (E-UTRAN Radio Reception TT analyses)

##### 5.3.10.10 TR 36.905 (E-UTRAN Test Points Radio Transmission and Reception )

##### 5.3.10.11 Discussion Papers, Work Plan, TC lists

#### 5.3.11 Even further enhanced MTC for LTE (UID – 860032) LTE\_eMTC4-UEConTest

##### 5.3.11.1 TS 36.508

##### 5.3.11.2 TS 36.521-1

**R5-214714 Adding test point with subPRB allocation in test case 6.2.3EA, 6.6.2.1EA, 6.6.2.3EA**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5324 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-214716 Added subPRB allocation to cat M1 test cases, 6.2.4EA, 6.6.2.2EA and 6.6.3EA.3 for NS\_07**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5325 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

TP analysis in CR 0242

**Decision:** The document was **agreed**.

**R5-214717 Brackets for MPR values for subPRB allocation removed**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5326 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-214718 Correcting test point for subPRB allocation in test case 6.5.2.1EA.2**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5327 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-215331 Correction to Reference Channel Parameters in UE Category M1**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5345 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

RAN4 dependent draftCR R4-2111845 (Endorsed)

**Decision:** The document was **agreed**.

##### 5.3.11.3 TS 36.521-2

##### 5.3.11.4 TS 36.521-3

##### 5.3.11.5 TS 37.571-1

##### 5.3.11.6 TS 37.571-3

##### 5.3.11.7 TS 37.571-5

##### 5.3.11.8 TR 36.903 (E-UTRAN RRM TT analyses)

##### 5.3.11.9 TR 36.904 (E-UTRAN Radio Reception TT analyses)

##### 5.3.11.10 TR 36.905 (E-UTRAN Test Points Radio Transmission and Reception )

**R5-214719 Test point analysis for cat M1 subPRB allocation NS\_07**

*Type: CR For: Agreement  
 36.905 v16.6.0 CR-0242 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Implemented in CR 5325

**Decision:** The document was **agreed**.

##### 5.3.11.11 Discussion Papers, Work Plan, TC lists

#### 5.3.12 RF requirements for NR frequency range 1 (FR1) (UID-870061) NR\_RF\_FR1-UEConTest

##### 5.3.12.1 TS 38.508-1

##### 5.3.12.2 TS 38.508-2

##### 5.3.12.3 TS 38.521-1

###### 5.3.12.3.1 Tx Requirements (Clause 6)

**R5-215080 Addition of NR ACLR for intra-band CA**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1319 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215297 Updating the test requirement of NR test case MPR for MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1339 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-215298 Updating NR test case 6.2A.1 MOP for intra-band non-contiguous UL CA**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1340 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-215299 Updating test case 6.3A.4.1 Absolute power tolerance for intra-band non-contiguous UL CA**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1341 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TP in R5-215300

**Discussion:**

r2

**Decision:** The document was **revised to R5-216065**.

**R5-216065 Updating test case 6.3A.4.1 Absolute power tolerance for intra-band non-contiguous UL CA**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1341 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-215299)

**Decision:** The document was **agreed**.

**R5-215301 Updating test case 6.3A.4.2 Relative power tolerance for intra-band non-contiguous UL CA**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1342 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TP in R5-215302

**Discussion:**

r1

**Decision:** The document was **revised to R5-216066**.

**R5-216066 Updating test case 6.3A.4.2 Relative power tolerance for intra-band non-contiguous UL CA**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1342 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-215301)

**Decision:** The document was **agreed**.

**R5-215303 Updating test case 6.3A.4.3 Aggregate power tolerance for intra-band non-contiguous UL CA**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1343 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TP in R5-215304

**Discussion:**

r2

**Decision:** The document was **revised to R5-216067**.

**R5-216067 Updating test case 6.3A.4.3 Aggregate power tolerance for intra-band non-contiguous UL CA**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1343 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-215303)

**Decision:** The document was **agreed**.

**R5-215305 Updating test case 6.5A.1.1 occupied bandwidth for intra-band CA**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1344 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TP in R5-215306

**Decision:** The document was **agreed**.

**R5-215307 Updating test case 6.3A.2 Transmit OFF power for intra-band non-contiguous UL CA**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1345 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

###### 5.3.12.3.2 Rx Requirements (Clause 7)

###### 5.3.12.3.3 Clauses 1-5, Annexes

##### 5.3.12.4 TS 38.521-3

###### 5.3.12.4.1 Tx Requirements (Clause 6)

###### 5.3.12.4.2 Rx Requirements (Clause 7)

###### 5.3.12.4.3 Clauses 1-5, Annexes

##### 5.3.12.5 TS 38.522

##### 5.3.12.6 TS 38.533

##### 5.3.12.7 TR 38.903 (NR MU & TT analyses)

##### 5.3.12.8 TR 38.905 (NR Test Points Radio Transmission and Reception)

**R5-215300 Updating TP analysis for Absolute power tolerance for CA**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0494 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TC in R5-215299

**Discussion:**

r1

**Decision:** The document was **revised to R5-216068**.

**R5-216068 Updating TP analysis for Absolute power tolerance for CA**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0494 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-215300)

**Decision:** The document was **agreed**.

**R5-215302 Updating TP analysis for Relative power tolerance for CA**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0495 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TC in R5-215301

**Decision:** The document was **agreed**.

**R5-215304 Updating TP analysis for Aggregate power tolerance for CA**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0496 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TC in R5-215303

**Decision:** The document was **agreed**.

**R5-215306 Updating TP analysis for Occupied bandwidth for CA**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0497 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TC in R5-215305

**Decision:** The document was **agreed**.

##### 5.3.12.9 TS 36.521-3

##### 5.3.12.10 TR 36.903 (E-UTRAN RRM TT analyses)

##### 5.3.12.11 Discussion Papers, Work Plan, TC lists

#### 5.3.13 Even Further Mobility Enhancement for E-UTRAN (UID – 880066) LTE\_feMob-UEConTest

##### 5.3.13.1 TS 36.508

##### 5.3.13.2 TS 36.521-2

##### 5.3.13.3 TS 36.521-3

##### 5.3.13.4 TR 36.903 (E-UTRAN RRM TT analyses)

##### 5.3.13.5 Discussion Papers, Work Plan, TC lists

#### 5.3.14 NR Mobility Enhancements (UID-880068) NR\_Mob\_enh-UEConTest

##### 5.3.14.1 TS 38.508-1

##### 5.3.14.2 TS 38.508-2

**R5-215003 Addition of PICs for Mob\_Enh TCs**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0229 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215930**.

**R5-215930 Addition of PICs for Mob\_Enh TCs**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0229 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-215003)

**Decision:** The document was **agreed**.

##### 5.3.14.3 TS 38.522

**R5-214401 Add test applicability for several NR MobEnc DAPS handover test cases**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0080 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Discussion:**

will merge into R5-215004.

**Decision:** The document was **withdrawn**.

**R5-215004 Addition of applicability for Mob\_Enh TCs**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0090 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon, China Telecommunications*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215931**.

**R5-215931 Addition of applicability for Mob\_Enh TCs**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0090 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon, China Telecommunications*

(Replaces R5-215004)

**Decision:** The document was **agreed**.

##### 5.3.14.4 TS 38.533

**R5-214395 Addition of FR1 mobility enhancement TC 6.3.1.9-Intra-band inter-frequency sync DAPS HO in SA for FR1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1280 Cat: F (Rel-16)  
  
 Source: China Telecommunications*

**Decision:** The document was **agreed**.

**R5-214519 Addition of FR1 mobility enhancement TC 6.3.1.10-Intra-band inter-frequency asynchronous DAPS HO in SA for FR1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1302 Cat: F (Rel-16)  
  
 Source: China Telecommunications*

**Decision:** The document was **agreed**.

**R5-214520 Addition of FR1 mobility enhancement TC 6.3.1.11-Inter-band inter-frequency sync DAPS HO in SA for FR1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1303 Cat: F (Rel-16)  
  
 Source: China Telecommunications*

**Decision:** The document was **agreed**.

**R5-214521 Addition of FR1 mobility enhancement TC 6.3.1.12-Inter-band inter-frequency asynchronousDAPS HO in SA for FR1**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1304 Cat: F (Rel-16)  
  
 Source: China Telecommunications*

**Decision:** The document was **agreed**.

**R5-214709 Update to table E.4-1 to add the cell configurations for several DAPS test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1334 Cat: F (Rel-16)  
  
 Source: China Telecommunications*

**Discussion:**

will merge into R5-215015.

**Decision:** The document was **withdrawn**.

**R5-214711 Add minimum conformance requirements for DAPS handover**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1335 Cat: F (Rel-16)  
  
 Source: China Telecommunications*

**Decision:** The document was **agreed**.

**R5-215005 Addition of minimum requirements for FR1 CHO**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1367 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215006 Addition of minimum requirements for FR2 CHO**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1368 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215007 Addition of NR Mob\_Enh RRM TC 6.3.1.7-intra freq sync DAPS HO**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1369 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215008 Addition of NR Mob\_Enh RRM TC 6.3.1.8-intra freq async DAPS HO**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1370 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215009 Addition of NR Mob\_Enh RRM TC 6.3.3.1-intra freq CHO**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1371 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215010 Addition of NR Mob\_Enh RRM TC 6.3.3.2-inter freq CHO**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1372 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215011 Addition of NR Mob\_Enh RRM TC 7.3.1.4-inter band sync DAPS HO**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1373 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215012 Addition of NR Mob\_Enh RRM TC 7.3.1.5-inter band async DAPS HO**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1374 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215013 Addition of NR Mob\_Enh RRM TC 7.3.3.1-intra freq CHO**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1375 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215014 Addition of NR Mob\_Enh RRM TC 7.3.3.2-inter freq CHO**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1376 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215015 Addition of cell mapping for Mob\_Enh RRM TCs**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1377 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon, China Telecommunications*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215932**.

**R5-215932 Addition of cell mapping for Mob\_Enh RRM TCs**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1377 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon, China Telecommunications*

(Replaces R5-215015)

**Decision:** The document was **agreed**.

##### 5.3.14.5 TR 38.903 (NR MU & TT analyses)

##### 5.3.14.6 Discussion Papers, Work Plan, TC lists

#### 5.3.15 5G V2X with NR sidelink (UID-880069) 5G\_V2X\_NRSL\_eV2XARC-UEConTest

##### 5.3.15.1 TS 38.508-1

**R5-215071 Update to Out of Coverage procedure to trigger SL-MIMO transmission**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2006 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

##### 5.3.15.2 TS 38.508-2

**R5-215078 Addition of PICS for V2X SL-MIMO test cases**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0232 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

##### 5.3.15.3 TS 38.509

**R5-215072 Update to UE test loop mode E to trigger SL-MIMO transmission**

*Type: CR For: Agreement  
 38.509 v16.1.0 CR-0045 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, MCC TF160*

**Discussion:**

CR impact tick box for ME shall be set and none of the other tick boxes for UICC apps, RAN or CN shall be set for TS 38.509

r4

**Decision:** The document was **revised to R5-216069**.

**R5-216069 Update to UE test loop mode E to trigger SL-MIMO transmission**

*Type: CR For: Agreement  
 38.509 v16.1.0 CR-0045 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, MCC TF160*

(Replaces R5-215072)

**Decision:** The document was **agreed**.

##### 5.3.15.4 TS 38.521-1

###### 5.3.15.4.1 Tx Requirements (Clause 6)

**R5-215073 Addition of 6.2E.1.1D MOP for non-concurrent with SL-MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1316 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215074 Addition of 6.2E.2.1D MPR for non-concurrent with SL-MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1317 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TP in R5-215076

**Decision:** The document was **agreed**.

**R5-215075 Addition of 6.3E.1.1D Minimum output power for non-concurrent with SL-MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1318 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TP in R5-215077

**Decision:** The document was **agreed**.

###### 5.3.15.4.2 Rx Requirements (Clause 7)

###### 5.3.15.4.3 Clauses 1-5, Annexes

##### 5.3.15.5 TS 38.521-3

###### 5.3.15.5.1 Tx Requirements (Clause 6)

###### 5.3.15.5.2 Rx Requirements (Clause 7)

###### 5.3.15.5.3 Clauses 1-5, Annexes

##### 5.3.15.6 TS 38.521-4

###### 5.3.15.6.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.15.6.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.15.6.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.15.6.4 Clauses 1-4, Annexes

##### 5.3.15.7 TS 38.522

**R5-215079 Addition of test applicability for V2X test cases**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0095 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

##### 5.3.15.8 TS 38.533

##### 5.3.15.9 TS 36.509

##### 5.3.15.10 TR 38.903 (NR MU & TT analyses)

##### 5.3.15.11 TR 38.905 (NR Test Points Radio Transmission and Reception)

**R5-215076 Addition of TP analysis of V2X MPR, SEM and ACLR non-concurrent with SL-MIMO**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0473 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215077 Addition of TP analysis of V2X minimum output power for non-concurrent with SL-MIMO**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0474 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

##### 5.3.15.12 Discussion Papers, Work Plan, TC lists

#### 5.3.16 Enhancements on MIMO for NR (UID-880070) NR\_eMIMO-UEConTest

##### 5.3.16.1 TS 38.508-1

**R5-215097 Adding connection diagram for eMIMO multi-TRP demod test cases**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2007 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216070**.

**R5-216070 Adding connection diagram for eMIMO multi-TRP demod test cases**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2007 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215097)

**Decision:** The document was **agreed**.

##### 5.3.16.2 TS 38.508-2

**R5-214720 Introduction of UE capabilities for UL full power Tx rel-16 for UL MIMO**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0225 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r2

**Decision:** The document was **revised to R5-215933**.

**R5-215933 Introduction of UE capabilities for UL full power Tx rel-16 for UL MIMO**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0225 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-214720)

**Decision:** The document was **agreed**.

**R5-215095 Adding PICS for eMIMO demod test cases**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0233 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215184 Addition of UE capability for low PAPR DMRS**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0238 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Applicability in jumbo CR R5-215096

**Decision:** The document was **agreed**.

##### 5.3.16.3 TS 38.521-1

###### 5.3.16.3.1 Tx Requirements (Clause 6)

**R5-215182 Correction to IE and UE capability for low PAPR DMRS across Tx cases**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1322 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TP in R5-215183

RAN4 dependent

**Discussion:**

r1

**Decision:** The document was **revised to R5-216141**.

**R5-216141 Correction to IE and UE capability for low PAPR DMRS across Tx cases**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1322 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215182)

**Decision:** The document was **agreed**.

**R5-215185 Update of 6.2D.2 MPR for UL MIMO with supporting ULFPTx**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1323 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

###### 5.3.16.3.2 Rx Requirements (Clause 7)

###### 5.3.16.3.3 Clauses 1-5, Annexes

##### 5.3.16.4 TS 38.521-2

###### 5.3.16.4.1 Tx Requirements (Clause 6)

**R5-215557 UE maximum output power for UL-MIMO**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0615 Cat: F (Rel-16)  
  
 Source: Apple Gesellschaft*

**Abstract:**

Adding UE maximum output power for UL MIMO deffinitions

**Discussion:**

cover issues

**Decision:** The document was **withdrawn**.

**R5-215617 UE maximum output power for UL-MIMO**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0621 Cat: F (Rel-16)  
  
 Source: Apple Gesellschaft*

**Abstract:**

Adding UE maximum output power for UL MIMO deffinitions

**Discussion:**

r4

**Decision:** The document was **revised to R5-216111**.

**R5-216111 UE maximum output power for UL-MIMO**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0621 rev 1 Cat: F (Rel-16)  
  
 Source: Apple Gesellschaft*

(Replaces R5-215617)

**Decision:** The document was **agreed**.

###### 5.3.16.4.2 Rx Requirements (Clause 7)

###### 5.3.16.4.3 Clauses 1-5, Annexes

##### 5.3.16.5 TS 38.521-3

###### 5.3.16.5.1 Tx Requirements (Clause 6)

###### 5.3.16.5.2 Rx Requirements (Clause 7)

###### 5.3.16.5.3 Clauses 1-5, Annexes

##### 5.3.16.6 TS 38.521-4

###### 5.3.16.6.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-215081 Addition of eMIMO demod test case 5.2.2.1.12**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0354 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **revised to R5-216126**.

**R5-216126 Addition of eMIMO demod test case 5.2.2.1.12**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0354 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215081)

**Decision:** The document was **agreed**.

**R5-215082 Addition of eMIMO demod test case 5.2.2.1.13**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0355 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **revised to R5-216127**.

**R5-216127 Addition of eMIMO demod test case 5.2.2.1.13**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0355 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215082)

**Decision:** The document was **agreed**.

**R5-215083 Addition of eMIMO demod test case 5.2.2.1.14**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0356 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **revised to R5-216128**.

**R5-216128 Addition of eMIMO demod test case 5.2.2.1.14**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0356 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215083)

**Decision:** The document was **agreed**.

**R5-215084 Addition of eMIMO demod test case 5.2.2.2.12**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0357 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215085 Addition of eMIMO demod test case 5.2.2.2.13**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0358 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215086 Addition of eMIMO demod test case 5.2.2.2.14**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0359 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216071**.

**R5-216071 Addition of eMIMO demod test case 5.2.2.2.14**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0359 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215086)

**Decision:** The document was **agreed**.

**R5-215087 Addition of eMIMO demod test case 5.2.3.1.12**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0360 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215934**.

**R5-215934 Addition of eMIMO demod test case 5.2.3.1.12**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0360 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215087)

**Decision:** The document was **agreed**.

**R5-215088 Addition of eMIMO demod test case 5.2.3.1.13**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0361 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **revised to R5-216129**.

**R5-216129 Addition of eMIMO demod test case 5.2.3.1.13**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0361 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215088)

**Decision:** The document was **agreed**.

**R5-215089 Addition of eMIMO demod test case 5.2.3.1.14**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0362 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **revised to R5-216130**.

**R5-216130 Addition of eMIMO demod test case 5.2.3.1.14**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0362 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215089)

**Decision:** The document was **agreed**.

**R5-215090 Addition of eMIMO demod test case 5.2.3.2.12**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0363 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215091 Addition of eMIMO demod test case 5.2.3.2.13**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0364 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215092 Addition of eMIMO demod test case 5.2.3.2.14**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0365 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

###### 5.3.16.6.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.16.6.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.16.6.4 Clauses 1-4, Annexes

**R5-215093 Adding FRC for eMIMO demod test cases**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0366 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215094 Adding MU and TT for eMIMO demod test cases**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0367 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

##### 5.3.16.7 TS 38.522

**R5-215096 Adding test applicability for eMIMO test cases**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0096 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215935**.

**R5-215935 Adding test applicability for eMIMO test cases**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0096 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Ericsson*

(Replaces R5-215096)

**Decision:** The document was **agreed**.

##### 5.3.16.8 TS 38.533

##### 5.3.16.9 TR 38.903 (NR MU & TT analyses)

##### 5.3.16.10 TR 38.905 (NR Test Points Radio Transmission and Reception)

**R5-214721 Adding TP analysis for test case 6.5D.1\_1**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0468 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-215183 Correction to IE and UE capability for low PAPR DMRS in test point analysis**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0476 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-215182

RAN4 dependent

**Discussion:**

r1

**Decision:** The document was **revised to R5-216142**.

**R5-216142 Correction to IE and UE capability for low PAPR DMRS in test point analysis**

*Type: CR For: Agreement  
 38.905 v17.1.0 CR-0476 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215183)

**Decision:** The document was **agreed**.

##### 5.3.16.11 Discussion Papers, Work Plan, TC lists

#### 5.3.17 UE Power Saving in NR (UID-880071) NR\_UE\_pow\_sav-UEConTest

##### 5.3.17.1 TS 38.508-1

**R5-215066 Update of SIB2 to add messages for relaxed RRM measurement**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2005 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215936**.

**R5-215936 Update of SIB2 to add messages for relaxed RRM measurement**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2005 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215066)

**Decision:** The document was **agreed**.

##### 5.3.17.2 TS 38.508-2

**R5-214565 Addition of PICS for relaxed RRM measurement**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0222 Cat: F (Rel-17)  
  
 Source: CATT, Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215016 Addition of PICs for NR PS TCs**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0230 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

Overlapped with R5-214565.

**Decision:** The document was **withdrawn**.

##### 5.3.17.3 TS 38.521-4

###### 5.3.17.3.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-214566 Addition of 2Rx TDD FR1 PDCCH 1 Tx antenna performance for power saving test case**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0340 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216072**.

**R5-216072 Addition of 2Rx TDD FR1 PDCCH 1 Tx antenna performance for power saving test case**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0340 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-214566)

**Decision:** The document was **agreed**.

**R5-214567 Addition of 4Rx TDD FR1 PDCCH 1 Tx antenna performance for power saving test case**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0341 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

r1?

**Decision:** The document was **revised to R5-216073**.

**R5-216073 Addition of 4Rx TDD FR1 PDCCH 1 Tx antenna performance for power saving test case**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0341 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-214567)

**Decision:** The document was **agreed**.

**R5-215017 Addition of NR PS Demod TC 5.3.2.1.3-FR1 FDD 2Rx**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0347 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216112**.

**R5-216112 Addition of NR PS Demod TC 5.3.2.1.3-FR1 FDD 2Rx**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0347 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-215017)

**Decision:** The document was **agreed**.

**R5-215018 Addition of NR PS Demod TC 5.3.3.1.3-FR1 FDD 4Rx**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0348 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216113**.

**R5-216113 Addition of NR PS Demod TC 5.3.3.1.3-FR1 FDD 4Rx**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0348 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-215018)

**Decision:** The document was **agreed**.

###### 5.3.17.3.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

**R5-214568 Addition of 2Rx TDD FR2 PDCCH 1 Tx antenna performance for power saving test case**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0342 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216074**.

**R5-216074 Addition of 2Rx TDD FR2 PDCCH 1 Tx antenna performance for power saving test case**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0342 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-214568)

**Decision:** The document was **agreed**.

###### 5.3.17.3.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.17.3.4 Clauses 1-4, Annexes

**R5-214569 Update of Annex F for test cases of demodulation for power saving**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0343 Cat: F (Rel-16)  
  
 Source: CATT, Huawei, HiSilicon*

**Discussion:**

Tdoc #

r1

**Decision:** The document was **revised to R5-215937**.

**R5-215937 Update of Annex F for test cases of demodulation for power saving**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0343 rev 1 Cat: F (Rel-16)  
  
 Source: CATT, Huawei, HiSilicon*

(Replaces R5-214569)

**Decision:** The document was **agreed**.

##### 5.3.17.4 TS 38.522

**R5-214571 Adding test applicability for UE power saving test cases**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0083 Cat: F (Rel-17)  
  
 Source: CATT, Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215019 Addition of applicability for NR PS TCs**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0091 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

Fully covered by R5-214571.

**Decision:** The document was **withdrawn**.

##### 5.3.17.5 TS 38.533

**R5-214572 Addition of NR SA FR2 cell re-selection for UE fulfilling low mobility relaxed measurement criterion**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1314 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

B

r1

**Decision:** The document was **revised to R5-216364**.

**R5-216364 Addition of NR SA FR2 cell re-selection for UE fulfilling low mobility relaxed measurement criterion**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1314 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-214572)

**Decision:** The document was **agreed**.

**R5-214573 Addition of NR SA FR2 cell re-selection for UE fulfilling not-at-cell edge relaxed measurement criterion**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1315 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

B

r2

**Decision:** The document was **revised to R5-216365**.

**R5-216365 Addition of NR SA FR2 cell re-selection for UE fulfilling not-at-cell edge relaxed measurement criterion**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1315 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-214573)

**Decision:** The document was **agreed**.

**R5-214574 Addition of NR SA FR2-FR2 cell re-selection for UE fulfilling low mobility relaxed measurement criterion**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1316 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

B

r1

**Decision:** The document was **revised to R5-215938**.

**R5-215938 Addition of NR SA FR2-FR2 cell re-selection for UE fulfilling low mobility relaxed measurement criterion**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1316 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-214574)

**Decision:** The document was **agreed**.

**R5-214575 Addition of NR SA FR2-FR2 cell re-selection for UE fulfilling not-at-cell edge relaxed measurement criterion**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1317 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

B

r2

**Decision:** The document was **revised to R5-216366**.

**R5-216366 Addition of NR SA FR2-FR2 cell re-selection for UE fulfilling not-at-cell edge relaxed measurement criterion**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1317 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-214575)

**Decision:** The document was **agreed**.

**R5-215020 Addition of minimum requirements for inter-freq relaxed measurement**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1378 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215021 Addition of minimum requirements for inter-RAT relaxed measurement**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1379 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

Covered by R5-215067.

**Decision:** The document was **withdrawn**.

**R5-215022 Addition of minimum requirements for intra-freq relaxed measurement**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1380 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215023 Addition of NR PS RRM TC 6.1.1.3 - intra-freq cell reselection low mobility**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1381 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215024 Addition of NR PS RRM TC 6.1.1.4 - intra-freq cell reselection non-cell-edge**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1382 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215025 Addition of NR PS RRM TC 6.1.1.5 - inter-freq cell reselection low mobility**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1383 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215026 Addition of NR PS RRM TC 6.1.1.6 - inter-freq cell reselection non-cell-edge**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1384 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215027 Addition of cell mapping for NR PS RRM TCs**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1385 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

fix coversheet with wrong NR\_Mob\_enh-UEConTest.

r1

**Decision:** The document was **revised to R5-215939**.

**R5-215939 Addition of cell mapping for NR PS RRM TCs**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1385 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-215027)

**Decision:** The document was **agreed**.

**R5-215067 Addition of minimum conformance requirements of inter-RAT cell re-selection with relaxed measurement criterion**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1392 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215940**.

**R5-215940 Addition of minimum conformance requirements of inter-RAT cell re-selection with relaxed measurement criterion**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1392 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215067)

**Decision:** The document was **agreed**.

**R5-215068 Addition of 6.1.2.3 inter-RAT cell re-selection with relaxed measurement with low mobility**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1393 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

RAN4 dependency

**Decision:** The document was **revised to R5-216143**.

**R5-216143 Addition of 6.1.2.3 inter-RAT cell re-selection with relaxed measurement with low mobility**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1393 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215068)

**Decision:** The document was **agreed**.

**R5-215069 Addition of 6.1.2.4 inter-RAT cell re-selection with relaxed measurement with not at cell edge**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1394 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

RAN4 dependency

**Discussion:**

r1

**Decision:** The document was **revised to R5-216144**.

**R5-216144 Addition of 6.1.2.4 inter-RAT cell re-selection with relaxed measurement with not at cell edge**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1394 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215069)

**Decision:** The document was **agreed**.

**R5-215070 Update of Annex E and Annex F for test cases with relaxed measurement criterion**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1395 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215941**.

**R5-215941 Update of Annex E and Annex F for test cases with relaxed measurement criterion**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1395 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, CATT*

(Replaces R5-215070)

**Decision:** The document was **agreed**.

**R5-215368 Addition of minimum conformance requirements of cell re-selection with relaxed measurement criterion in FR2**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1409 Cat: F (Rel-16)  
  
 Source: CATT*

**Abstract:**

depending on R4-2111961 (endorsed).

**Decision:** The document was **agreed**.

##### 5.3.17.6 Discussion Papers, Work Plan, TC lists

#### 5.3.18 High power UE (power class 2) for EN-DC (1 LTE FDD band + 1 NR TDD band) (UID-890044) ENDC\_UE\_PC2\_FDD\_TDD-UEConTest

##### 5.3.18.1 TS 38.508-1

##### 5.3.18.2 TS 38.508-2

##### 5.3.18.3 TS 38.521-3

###### 5.3.18.3.1 Tx Requirements (Clause 6)

###### 5.3.18.3.2 Rx Requirements (Clause 7)

###### 5.3.18.3.3 Clauses 1-5, Annexes

##### 5.3.18.4 TS 38.522

**R5-215045 Addition of R16 FDD-TDD PC2 inter-band EN-DC baseline implementation capabilities into 38.522**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0093 Cat: F (Rel-17)  
  
 Source: China Unicom*

**Decision:** The document was **agreed**.

##### 5.3.18.5 TR 38.905 (NR Test Points Radio Transmission and Reception)

##### 5.3.18.6 Discussion Papers, Work Plan, TC lists

#### 5.3.19 B1C Signal in BDS Positioning System Support for LTE and NR (UID-890045) B1C\_BDS\_pos\_UEConTest

##### 5.3.19.1 TS 37.571-1

##### 5.3.19.2 TS 37.571-3

##### 5.3.19.3 TS 37.571-5

##### 5.3.19.4 Discussion Papers, Work Plan, TC lists

#### 5.3.20 Single Radio Voice Call Continuity from 5G to 3G (UID-890046) SRVCC\_NR\_to\_UMTS-UEConTest

##### 5.3.20.1 TS 38.508-1

##### 5.3.20.2 TS 38.508-2

##### 5.3.20.3 TS 38.522

**R5-214834 Applicability for 5G-SRVCC**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0085 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

##### 5.3.20.4 TS 38.533

**R5-214832 Correction to 5G-SRVCC RRM TC 6.3.1.6-handover**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1337 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-214833 Correction to 5G-SRVCC RRM TC 6.6.5.1-envent triggered reporting non-DRX**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1338 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

##### 5.3.20.5 TR 38.903 (NR MU & TT analyses)

##### 5.3.20.6 Discussion Papers, Work Plan, TC lists

#### 5.3.21 Cross Link Interference (CLI) handling for NR (UID-890047) NR\_CLI-UEConTest

##### 5.3.21.1 TS 38.508-1

##### 5.3.21.2 TS 38.508-2

##### 5.3.21.3 TS 38.522

##### 5.3.21.4 TS 38.533

**R5-214948 Addition of FR-1 NSA CLI Measurement test cases**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1344 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

##### 5.3.21.5 TR 38.903 (NR MU & TT analyses)

##### 5.3.21.6 Discussion Papers, Work Plan, TC lists

#### 5.3.22 NR performance requirement enhancement (UID-890048) NR\_perf\_enh-UEConTest

##### 5.3.22.1 TS 38.508-1

**R5-215180 Updates to Test Equipment connection for Demodulation Performance and CSI reporting tests**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2009 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Abstract:**

Updates to Test Equipment connection for Demodulation Performance and CSI reporting tests

**Discussion:**

r2

**Decision:** The document was **revised to R5-216116**.

**R5-216116 Updates to Test Equipment connection for Demodulation Performance and CSI reporting tests**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2009 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-215180)

**Decision:** The document was **agreed**.

##### 5.3.22.2 TS 38.508-2

##### 5.3.22.3 TS 38.521-4

###### 5.3.22.3.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-214557 Updates to PDSCH Demodulation Performance for 2DL CA**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0339 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Abstract:**

Updates to PDSCH Demodulation Performance for 2DL CA

**Discussion:**

r1

**Decision:** The document was **revised to R5-215942**.

**R5-215942 Updates to PDSCH Demodulation Performance for 2DL CA**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0339 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-214557)

**Decision:** The document was **agreed**.

**R5-215663 Updates to FR1 2DLCA PDSCH demodulation with power imbalance test case**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0394 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

**Decision:** The document was **agreed**.

###### 5.3.22.3.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

**R5-215664 Updates to FR2 2DLCA PDSCH demodulation test case**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0395 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

**Discussion:**

late doc

**Decision:** The document was **revised to R5-216075**.

**R5-216075 Updates to FR2 2DLCA PDSCH demodulation test case**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0395 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Korea*

(Replaces R5-215664)

**Decision:** The document was **agreed**.

###### 5.3.22.3.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.22.3.4 Clauses 1-4, Annexes

##### 5.3.22.4 TS 38.522

##### 5.3.22.5 TR 38.903 (NR MU & TT analyses)

##### 5.3.22.6 TR 38.905 (NR Test Points Radio Transmission and Reception)

##### 5.3.22.7 Discussion Papers, Work Plan, TC lists

#### 5.3.23 NR support for high speed train scenario (UID-900050) NR\_HST-UEConTest

##### 5.3.23.1 TS 38.508-1

##### 5.3.23.2 TS 38.508-2

**R5-215028 Addition of PICs for NR HST TCs**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0231 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

fix wrong WIC NR\_Mob\_enh-UEConTest on cover.

r2

**Decision:** The document was **revised to R5-215943**.

**R5-215943 Addition of PICs for NR HST TCs**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0231 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-215028)

**Decision:** The document was **agreed**.

##### 5.3.23.3 TS 38.521-4

###### 5.3.23.3.1 Conducted Demod Performance and CSI Reporting Requirements (Clause 5)

**R5-214889 Update Applicability of requirement for HST-DPS and multi-TRxP test cases**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0345 Cat: F (Rel-16)  
  
 Source: Apple Italia S.R.L.*

**Abstract:**

Added applicability based on UE capability signalling for maxSimultaneousResourceSetsPerCC for HST-DPS test cases with 2 TCI states and multi-TRxP test cases.

**Discussion:**

spec on cover! WIC changed to NR\_HST-UEConTest!

r2

**Decision:** The document was **revised to R5-215944**.

**R5-215944 Update Applicability of requirement for HST-DPS and multi-TRxP test cases**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0345 rev 1 Cat: F (Rel-16)  
  
 Source: Apple Italia S.R.L.*

(Replaces R5-214889)

**Decision:** The document was **agreed**.

**R5-215029 Addition of NR HST Demod TC 5.2.2.1.1\_3 - 2Rx FDD type A**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0349 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215945**.

**R5-215945 Addition of NR HST Demod TC 5.2.2.1.1\_3 - 2Rx FDD type A**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0349 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-215029)

**Discussion:**

first agreed, then withdrawn after the meeting.

**Decision:** The document was **not pursued**.

**R5-215030 Addition of NR HST Demod TC 5.2.2.1.9 - HST SFN**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0350 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-215946**.

**R5-215946 Addition of NR HST Demod TC 5.2.2.1.9 - HST SFN**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0350 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-215030)

**Decision:** The document was **agreed**.

**R5-215031 Addition of NR HST Demod TC 5.2.2.1.10 - HST DPS**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0351 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215947**.

**R5-215947 Addition of NR HST Demod TC 5.2.2.1.10 - HST DPS**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0351 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-215031)

**Decision:** The document was **agreed**.

**R5-215032 Addition of NR HST Demod TC 5.2.2.2.1\_3 2Rx TDD type A**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0352 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

first agreed, then withdrawn after the meeting.

**Decision:** The document was **not pursued**.

###### 5.3.23.3.2 Clauses 1-4, Annexes

##### 5.3.23.4 TS 38.522

**R5-215033 Addition of applicability for NR HST TCs**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0092 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215245 Addition of test applicability for RRM test case 6.6.4.5**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0099 Cat: F (Rel-17)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

**R5-215411 Correction of RRM HST test cases applicability**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0103 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

ApplIicability of RRM High Speed Train test cases

**Decision:** The document was **agreed**.

##### 5.3.23.5 TS 38.533

**R5-215034 Addition of NR HST RRM TC 4.6.1.7-intra-freq DRX highSpeedMeasFlag**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1386 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

comments from R&S in week #2.

Two new test cases are being for TS 38.533 without editor notes, but the test cases are not complete (test procedure, message contents, TT analysis). We should add the editor’s notes otherwise the test cases would appear as complete but are still missing several important parts.

r1

**Decision:** The document was **revised to R5-215948**.

**R5-215948 Addition of NR HST RRM TC 4.6.1.7-intra-freq DRX highSpeedMeasFlag**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1386 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-215034)

**Decision:** The document was **agreed**.

**R5-215035 Addition of NR HST RRM TC 6.1.2.5-intra-freq cell reselection highSpeedMeasFlag**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1387 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

comments from R&S in week #2.

Two new test cases are being for TS 38.533 without editor notes, but the test cases are not complete (test procedure, message contents, TT analysis). We should add the editor’s notes otherwise the test cases would appear as complete but are still missing several important parts.

r1

**Decision:** The document was **revised to R5-215949**.

**R5-215949 Addition of NR HST RRM TC 6.1.2.5-intra-freq cell reselection highSpeedMeasFlag**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1387 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-215035)

**Decision:** The document was **agreed**.

**R5-215036 Correction to minimum requirements for inter-RAT cell reselection with highSpeedMeasFlag**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1388 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215037 Correction to minimum requirements for intra-frequency measurement with highSpeedMeasFlag**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1389 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215038 Correction to NR HST RRM TC 6.1.1.7-HST intra-freq cell reselection**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1390 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215039 Addition of cell mapping for NR HST RRM TCs**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1391 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Decision:** The document was **agreed**.

**R5-215243 Update of test case 6.6.4.5 for R16 NR HST**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1398 Cat: F (Rel-16)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

**R5-215244 Editorial change of RRM test case 6.6.1.7**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1399 Cat: F (Rel-16)  
  
 Source: CMCC*

**Abstract:**

Editorial

**Decision:** The document was **agreed**.

**R5-215412 Addition of cell configuration for RRM HST test cases in Annex E**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1417 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Correction of cell configuration in annex E for RRM cases in HST scenario

**Decision:** The document was **agreed**.

**R5-215413 Correction of RRM HST Inter-RAT measurements test case 6.6.3.3**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1418 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test case correction without Test Tolerance

**Decision:** The document was **agreed**.

**R5-215414 Correction of RRM HST E-UTRA NR FR1 Cell reselection test case 8.2.1.2**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1419 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test case correction without Test Tolerance

**Decision:** The document was **agreed**.

**R5-215415 Correction of RRM HST E-UTRA NR Inter-RAT event triggered reporting test case 8.4.2.9**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1420 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test case correction without Test Tolerance

**Discussion:**

r1?

**Decision:** The document was **agreed**.

##### 5.3.23.6 TS 36.508

##### 5.3.23.7 TR 38.903 (NR MU & TT analyses)

##### 5.3.23.8 Discussion Papers, Work Plan, TC lists

#### 5.3.24 Add support of NR DL 256QAM for FR2 (UID-900051) NR\_DL256QAM\_FR2-UEConTest

##### 5.3.24.1 TS 38.508-1

##### 5.3.24.2 TS 38.508-2

##### 5.3.24.3 TS 38.521-2

###### 5.3.24.3.1 Tx Requirements (Clause 6)

###### 5.3.24.3.2 Rx Requirements (Clause 7)

###### 5.3.24.3.3 Clauses 1-5, Annexes

##### 5.3.24.4 TS 38.521-4

###### 5.3.24.4.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-215098 Completing CQI reporting test case with 256QAM**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0368 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215950**.

**R5-215950 Completing CQI reporting test case with 256QAM**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0368 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215098)

**Decision:** The document was **agreed**.

###### 5.3.24.4.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

**R5-214532 Addition of FR2 DL 256QAM demodulation test case**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0337 Cat: F (Rel-16)  
  
 Source: China Telecom*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216076**.

**R5-216076 Addition of FR2 DL 256QAM demodulation test case**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0337 rev 1 Cat: F (Rel-16)  
  
 Source: China Telecom*

(Replaces R5-214532)

**Decision:** The document was **agreed**.

###### 5.3.24.4.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.24.4.4 Clauses 1-4, Annexes

**R5-214533 Updates on FRC for FR2 DL 256QAM**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0338 Cat: F (Rel-16)  
  
 Source: China Telecom*

**Decision:** The document was **agreed**.

##### 5.3.24.5 TS 38.522

**R5-214534 Addition of applicability for FR2 DL 256QAM demodulation test case**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0082 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Decision:** The document was **agreed**.

**R5-215099 Test applicability for FR2 256QAM CQI reporting**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0097 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

Rel-16

r2

**Decision:** The document was **revised to R5-216077**.

**R5-216077 Test applicability for FR2 256QAM CQI reporting**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0097 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215099)

**Decision:** The document was **agreed**.

##### 5.3.24.6 TR 38.903 (NR MU & TT analyses)

##### 5.3.24.7 TR 38.905 (NR Test Points Radio Transmission and Reception)

##### 5.3.24.8 Discussion Papers, Work Plan, TC lists

#### 5.3.25 Additional LTE bands for UE category M1 and/or NB1 in Rel-16 (UID – 900052) LTE\_bands\_R16\_M1\_NB1-UEConTest

##### 5.3.25.1 TS 36.508

##### 5.3.25.2 TS 36.521-1

**R5-214722 Updates to Tx test case 6.6.3EA.2 for release-16**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5328 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-214723 Updates to Rx test cases 7.3EA, 7.6.1EA, 7.6.2EA for new release-16 bands for cat M1**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5329 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

##### 5.3.25.3 TS 36.521-2

##### 5.3.25.4 TS 36.521-3

##### 5.3.25.5 Discussion Papers, Work Plan, TC lists

#### 5.3.26 Additional LTE bands for UE category M2 and/or NB2 in Rel-16 (UID – 900053) LTE\_bands\_R16\_M2\_NB2-UEConTest

##### 5.3.26.1 TS 36.508

##### 5.3.26.2 TS 36.521-1

**R5-215040 Addition of band 42 and 43 to A-MPR tests for a UE category M2**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5333 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-215361 Updates to Tx test case 6.6.3EC.2 for release-16**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5346 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

##### 5.3.26.3 TS 36.521-2

##### 5.3.26.4 TS 36.521-3

##### 5.3.26.5 Discussion Papers, Work Plan, TC lists

#### 5.3.27 Physical Layer Enhancements for NR Ultra-Reliable and Low Latency Communication (URLLC) (UID-900054) NR\_L1enh\_URLLC-UEConTest

##### 5.3.27.1 TS 38.508-1

##### 5.3.27.2 TS 38.508-2

**R5-215104 Addition of PICS for URLLC test cases**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0234 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Sporton*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215951**.

**R5-215951 Addition of PICS for URLLC test cases**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0234 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Sporton*

(Replaces R5-215104)

**Decision:** The document was **agreed**.

##### 5.3.27.3 TS 38.521-4

###### 5.3.27.3.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-215100 Addition of URLLC demod test case 5.2.2.1.7**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0369 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215952**.

**R5-215952 Addition of URLLC demod test case 5.2.2.1.7**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0369 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215100)

**Decision:** The document was **agreed**.

**R5-215101 Addition of URLLC demod test case 5.2.2.2.7**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0370 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215953**.

**R5-215953 Addition of URLLC demod test case 5.2.2.2.7**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0370 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215101)

**Decision:** The document was **agreed**.

**R5-215102 Addition of URLLC demod test case 5.2.3.1.7**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0371 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216078**.

**R5-216078 Addition of URLLC demod test case 5.2.3.1.7**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0371 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-215102)

**Decision:** The document was **agreed**.

**R5-215103 Addition of URLLC demod test case 5.2.3.2.7**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0372 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **agreed**.

**R5-215274 Addition of 5.2.2.1.6 2Rx FDD FR1 PDSCH repetitions over multiple slots performance**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0374 Cat: F (Rel-16)  
  
 Source: Sporton, Huawei, HiSilicon*

**Discussion:**

offline comments from Huawei.

deferred.

r1

**Decision:** The document was **revised to R5-215954**.

**R5-215954 Addition of 5.2.2.1.6 2Rx FDD FR1 PDSCH repetitions over multiple slots performance**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0374 rev 1 Cat: F (Rel-16)  
  
 Source: Sporton, Huawei, HiSilicon*

(Replaces R5-215274)

**Decision:** The document was **agreed**.

**R5-215275 Addition of 5.2.2.1.8 2Rx FDD FR1 PDSCH pre-emption performance**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0375 Cat: F (Rel-16)  
  
 Source: Sporton, Huawei, HiSilicon*

**Discussion:**

offline comments from Huawei.

deferred.

r1

**Decision:** The document was **revised to R5-215955**.

**R5-215955 Addition of 5.2.2.1.8 2Rx FDD FR1 PDSCH pre-emption performance**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0375 rev 1 Cat: F (Rel-16)  
  
 Source: Sporton, Huawei, HiSilicon*

(Replaces R5-215275)

**Decision:** The document was **agreed**.

**R5-215276 Addition of 5.2.2.2.6 2Rx TDD FR1 PDSCH repetitions over multiple slots performance**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0376 Cat: F (Rel-16)  
  
 Source: Sporton*

**Discussion:**

offline comments from Huawei.

deferred.

r1

**Decision:** The document was **revised to R5-215956**.

**R5-215956 Addition of 5.2.2.2.6 2Rx TDD FR1 PDSCH repetitions over multiple slots performance**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0376 rev 1 Cat: F (Rel-16)  
  
 Source: Sporton*

(Replaces R5-215276)

**Decision:** The document was **agreed**.

**R5-215277 Addition of 5.2.2.2.8 2Rx TDD FR1 PDSCH pre-emption performance**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0377 Cat: F (Rel-16)  
  
 Source: Sporton*

**Discussion:**

offline comments from Huawei.

deferred.

r1

**Decision:** The document was **revised to R5-215957**.

**R5-215957 Addition of 5.2.2.2.8 2Rx TDD FR1 PDSCH pre-emption performance**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0377 rev 1 Cat: F (Rel-16)  
  
 Source: Sporton*

(Replaces R5-215277)

**Decision:** The document was **agreed**.

**R5-215278 Addition of 5.2.3.1.6 4Rx FDD FR1 PDSCH repetitions over multiple slots performance**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0378 Cat: F (Rel-16)  
  
 Source: Sporton*

**Discussion:**

offline comments from Huawei.

deferred.

r1

**Decision:** The document was **revised to R5-215958**.

**R5-215958 Addition of 5.2.3.1.6 4Rx FDD FR1 PDSCH repetitions over multiple slots performance**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0378 rev 1 Cat: F (Rel-16)  
  
 Source: Sporton*

(Replaces R5-215278)

**Decision:** The document was **agreed**.

**R5-215279 Addition of 5.2.3.2.6 4Rx TDD FR1 PDSCH repetitions over multiple slots performance**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0379 Cat: F (Rel-16)  
  
 Source: Sporton*

**Discussion:**

offline comments from Huawei.

deferred.

r1

**Decision:** The document was **revised to R5-215959**.

**R5-215959 Addition of 5.2.3.2.6 4Rx TDD FR1 PDSCH repetitions over multiple slots performance**

*Type: CR For: Agreement  
 38.521-4 v16.8.0 CR-0379 rev 1 Cat: F (Rel-16)  
  
 Source: Sporton*

(Replaces R5-215279)

**Decision:** The document was **agreed**.

###### 5.3.27.3.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.27.3.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.27.3.4 Clauses 1-4, Annexes

##### 5.3.27.4 TS 38.522

**R5-215105 Addition of applicability of URLLC demod test cases**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0098 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Sporton*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215960**.

**R5-215960 Addition of applicability of URLLC demod test cases**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0098 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Sporton*

(Replaces R5-215105)

**Decision:** The document was **agreed**.

##### 5.3.27.5 TR 38.903 (NR MU & TT analyses)

##### 5.3.27.6 Discussion Papers, Work Plan, TC lists

#### 5.3.28 New Rel-17 NR licensed bands and extension of existing NR bands (UID - 900055) NR\_lic\_bands\_BW\_R17-UEConTest

##### 5.3.28.1 TS 38.508-1

**R5-215191 Introduction of test frequencies for n24 and n99**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2010 Cat: B (Rel-17)  
  
 Source: Ligado Networks, Ericsson*

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set

r3

R&S: Since the Tx-Rx separation is dependent on the test frequency, we think that an update of IE ul-CarrierFreq in Table 4.4.3.3-1 is required.

Usually this information element is not present but it is required when a different Tx-Rx separation than the default is used.

For band 24 the default is -101.5 MHz. Therefore, the IE has to be signaled in SIB2 and an exception is needed in Table 4.4.3.3-1 for Band 24 high test frequency due to Tx-Rx frequency separation of 120.5 MHz.

The ul-CarrierFreq should be per test frequency table for band 24 high test frequency.

**Decision:** The document was **revised to R5-216122**.

**R5-216122 Introduction of test frequencies for n24 and n99**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2010 rev 1 Cat: B (Rel-17)  
  
 Source: Ligado Networks, Ericsson*

(Replaces R5-215191)

**Decision:** The document was **agreed**.

**R5-215308 Adding test frequencies for SUL band n97**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2012 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

##### 5.3.28.2 TS 38.508-2

**R5-215193 Introduction of n24 and n99**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0239 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set

r3

**Decision:** The document was **revised to R5-215961**.

**R5-215961 Introduction of n24 and n99**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0239 rev 1 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215193)

**Decision:** The document was **agreed**.

**R5-215310 Introduction of UE capabilities for R17 SUL band n97**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0242 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

##### 5.3.28.3 TS 38.521-1

###### 5.3.28.3.1 Tx Requirements (Clause 6)

**R5-215199 Introduction of of MOP, MPR and configured Tx power test cases for n24 and n99**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1325 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set

r2

**Decision:** The document was **revised to R5-215962**.

**R5-215962 Introduction of of MOP, MPR and configured Tx power test cases for n24 and n99**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1325 rev 1 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215199)

**Decision:** The document was **agreed**.

**R5-215200 Introduction of A-MPR test cases for n24 and n99**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1326 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set

r2

**Decision:** The document was **revised to R5-216114**.

**R5-216114 Introduction of A-MPR test cases for n24 and n99**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1326 rev 1 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215200)

**Decision:** The document was **agreed**.

**R5-215201 Introduction of n24 and n99 to spurious emissions and addition spurious emission test cases**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1327 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set

r3

**Decision:** The document was **revised to R5-215963**.

**R5-215963 Introduction of n24 and n99 to spurious emissions and addition spurious emission test cases**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1327 rev 1 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215201)

**Decision:** The document was **agreed**.

**R5-215311 Updating MOP testing for SUL band n97**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1346 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-215312 Updating MPR testing for SUL band band n97**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1347 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-215313 Updating Spurious emissions for UE co-existence test cases for R17 requirements**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1348 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-215964**.

**R5-215964 Updating Spurious emissions for UE co-existence test cases for R17 requirements**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1348 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-215313)

**Decision:** The document was **agreed**.

###### 5.3.28.3.2 Rx Requirements (Clause 7)

**R5-215202 Introduction of n24 to receiver sensitivity test cases**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1328 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set

r2

**Decision:** The document was **revised to R5-215965**.

**R5-215965 Introduction of n24 to receiver sensitivity test cases**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1328 rev 1 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215202)

**Decision:** The document was **agreed**.

**R5-215203 Introduction of n24 - blocking test cases**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1329 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set

r3

**Decision:** The document was **revised to R5-215966**.

**R5-215966 Introduction of n24 - blocking test cases**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1329 rev 1 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215203)

**Decision:** The document was **agreed**.

###### 5.3.28.3.3 Clauses 1-5, Annexes

**R5-215198 Introduction of n24 and n99 - Common**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1324 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set.

r1

withdrawn, as changes merged into R5-215403r1.

r2

**Decision:** The document was **revised to R5-215800**.

**R5-215800 Introduction of n24 and n99 - Common**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1324 rev 1 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215198)

**Decision:** The document was **withdrawn**.

**R5-215403 Update of R17 new band and CBWs into TS38.521-1 clause 5**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1358 Cat: F (Rel-17)  
  
 Source: China Unicom, Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215967**.

**R5-215967 Update of R17 new band and CBWs into TS38.521-1 clause 5**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1358 rev 1 Cat: F (Rel-17)  
  
 Source: China Unicom, Huawei, HiSilicon*

(Replaces R5-215403)

**Decision:** The document was **agreed**.

##### 5.3.28.4 TS 38.521-2

###### 5.3.28.4.1 Tx Requirements (Clause 6)

###### 5.3.28.4.2 Rx Requirements (Clause 7)

###### 5.3.28.4.3 Clauses 1-5, Annexes

##### 5.3.28.5 TS 38.521-4

###### 5.3.28.5.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.28.5.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.28.5.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.28.5.4 Clauses 1-4, Annexes

##### 5.3.28.6 TS 38.533

**R5-215206 Introduction of n24**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1397 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Rel-17 WIC will trigger a spec upgrade

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set

r2

**Decision:** The document was **revised to R5-215968**.

**R5-215968 Introduction of n24**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1397 rev 1 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215206)

**Decision:** The document was **agreed**.

##### 5.3.28.7 TR 38.903 ((NR MU & TT analyses)

##### 5.3.28.8 TR 38.905 (NR Test Points Radio Transmission and Reception)

##### 5.3.28.9 Discussion Papers, Work Plan, TC lists

#### 5.3.29 Rel-17 NR CA and DC; and NR and LTE DC Configurations (UID-900056) NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest

##### 5.3.29.1 TS 38.508-1

**R5-214201 Updating Test Frequencies for Rel-17 CA,DC band combinations within FR1 into TS 38.508-1**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1962 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215969**.

**R5-215969 Updating Test Frequencies for Rel-17 CA,DC band combinations within FR1 into TS 38.508-1**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1962 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

(Replaces R5-214201)

**Decision:** The document was **agreed**.

**R5-214710 Updating test frequencies for Rel-17 inter-band EN-DC configurations**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1973 Cat: F (Rel-17)  
  
 Source: DOCOMO Communications Lab.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216079**.

**R5-216079 Updating test frequencies for Rel-17 inter-band EN-DC configurations**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1973 rev 1 Cat: F (Rel-17)  
  
 Source: DOCOMO Communications Lab.*

(Replaces R5-214710)

**Decision:** The document was **agreed**.

**R5-214928 Introduction of test frequencies for CA\_n71(2A)**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1993 Cat: F (Rel-17)  
  
 Source: Ericsson, Dish Network*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215970**.

**R5-215970 Introduction of test frequencies for CA\_n71(2A)**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1993 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Dish Network*

(Replaces R5-214928)

**Decision:** The document was **agreed**.

**R5-215130 Addition of R17 CADC configuration into 38.508-1**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2008 Cat: F (Rel-17)  
  
 Source: China Unicom*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215971**.

**R5-215971 Addition of R17 CADC configuration into 38.508-1**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2008 rev 1 Cat: F (Rel-17)  
  
 Source: China Unicom*

(Replaces R5-215130)

**Decision:** The document was **agreed**.

**R5-215457 Update of 4.3.1.1.2 for NR inter-band CA configurations in FR1**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2020 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is to update of 4.3.1.1.2 for NR inter-band CA configurations in FR1

**Discussion:**

deferred.

r1

**Decision:** The document was **revised to R5-215972**.

**R5-215972 Update of 4.3.1.1.2 for NR inter-band CA configurations in FR1**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2020 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-215457)

**Decision:** The document was **agreed**.

##### 5.3.29.2 TS 38.508-2

**R5-214186 Updating UE capabilities for Rel-17 CA,DC,SUL band combinations within FR1 into TS 38.508-2**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0219 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216115**.

**R5-216115 Updating UE capabilities for Rel-17 CA,DC,SUL band combinations within FR1 into TS 38.508-2**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0219 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

(Replaces R5-214186)

**Decision:** The document was **agreed**.

**R5-215281 Introduction of CA\_n71(2A)**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0241 Cat: F (Rel-17)  
  
 Source: WE Certification Oy, DISH Network*

**Decision:** The document was **agreed**.

**R5-215357 Updating UE capability for NR inter-band EN-DC configurations**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0244 Cat: F (Rel-17)  
  
 Source: DOCOMO Communications Lab.*

**Decision:** The document was **agreed**.

##### 5.3.29.3 TS 38.521-1

###### 5.3.29.3.1 Tx Requirements (Clause 6)

**R5-214221 Updating clause 6.2C.2 for Rel-17 SUL combinations in TS 38.521-1**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1288 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Decision:** The document was **agreed**.

###### 5.3.29.3.2 Rx Requirements (Clause 7)

**R5-214224 Update clause 7 for R17 CA and SUL RX characteristics in TS 38.521-1**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1289 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Decision:** The document was **agreed**.

**R5-215282 Introduction of CA\_n71(2A) to Rx cases**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1334 Cat: F (Rel-17)  
  
 Source: WE Certification Oy, DISH Network*

**Abstract:**

dependent on RAN4 CR R4-2112790.

**Discussion:**

"RAN4 dependent draftCR R4-2112790 (Endorsed)

Author notified no overlap."

**Decision:** The document was **agreed**.

###### 5.3.29.3.3 Clauses 1-5, Annexes

**R5-214187 Update of R17 CA and SUL configurations into TS38.521-1 clause 5**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1287 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Discussion:**

merged into R5-215400r2 submitted by China Unicom.

**Decision:** The document was **withdrawn**.

**R5-215400 Update of R17 CADC configurations into TS38.521-1 clause 5**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1357 Cat: F (Rel-17)  
  
 Source: China Unicom, WE Certification, DISH Network, China Telecommunications*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216080**.

**R5-216080 Update of R17 CADC configurations into TS38.521-1 clause 5**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1357 rev 1 Cat: F (Rel-17)  
  
 Source: China Unicom, WE Certification, DISH Network, China Telecommunications*

(Replaces R5-215400)

**Decision:** The document was **agreed**.

##### 5.3.29.4 TS 38.521-2

###### 5.3.29.4.1 Tx Requirements (Clause 6)

###### 5.3.29.4.2 Rx Requirements (Clause 7)

###### 5.3.29.4.3 Clauses 1-5, Annexes

##### 5.3.29.5 TS 38.521-3

###### 5.3.29.5.1 Tx Requirements (Clause 6)

**R5-214319 Updating clause 6 for Rel-17 EN-DC combinations in TS 38.521-3**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1068 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Discussion:**

r1

withdrawn

**Decision:** The document was **revised to R5-215805**.

**R5-215805 Updating clause 6 for Rel-17 EN-DC combinations in TS 38.521-3**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1068 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

(Replaces R5-214319)

**Decision:** The document was **withdrawn**.

###### 5.3.29.5.2 Rx Requirements (Clause 7)

**R5-214384 Update clause 7 for R17 DC RX characteristics in TS 38.521-3**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1070 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Decision:** The document was **agreed**.

###### 5.3.29.5.3 Clauses 1-5, Annexes

**R5-214188 Update of R17 CADC configurations into TS38.521-3 clause 5**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1030 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Decision:** The document was **agreed**.

**R5-215378 Update to EN-DC R17 common section**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1144 Cat: F (Rel-17)  
  
 Source: Bureau Veritas, China Unicom*

**Abstract:**

new CA with FR1 and FR2 added

**Decision:** The document was **agreed**.

**R5-215508 Updating Rel-17 NR inter-band CA configuration**

*Type: CR For: Agreement  
 38.521-3 v17.1.0 CR-1157 Cat: F (Rel-17)  
  
 Source: DOCOMO Communications Lab.*

**Discussion:**

violates the rules to introduce new EN-DC Configuration.

**Decision:** The document was **withdrawn**.

##### 5.3.29.6 TS 38.521-4

###### 5.3.29.6.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.29.6.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.29.6.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.29.6.4 Clauses 1-4, Annexes

##### 5.3.29.7 TS 38.522

##### 5.3.29.8 TS 38.533

##### 5.3.29.9 TR 38.903 (NR MU & TT analyses)

##### 5.3.29.10 TR 38.905 (NR Test Points Radio Transmission and Reception)

##### 5.3.29.11 Discussion Papers, Work Plan, TC lists

#### 5.3.30 NR Positioning Support (UID-900057) NR\_pos-UEConTest

##### 5.3.30.1 TS 38.508-1

##### 5.3.30.2 TS 38.508-2

##### 5.3.30.3 TS 37.571-1

**R5-214558 Addition of Multi-RTT, Dl-AoD and DL-TDOA positioning method test conditions**

*Type: CR For: Agreement  
 37.571-1 v16.9.0 CR-0338 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

R&S: In R5-214558, you refer to the propagation conditions in TS 38.521-1

4.14.2 Propagation conditions

See TS 38.521-1 [X4] clause B.0.

B.0 for RF is “No interference”, while these test cases need AWGN (static) propagation conditions. Given that these tests are based on R4 TS 38.133 (RRM spec), it would be more appropriate to refer to TS 38.533 [REF MISSING] clause C.2.2. I guess in that case, a reference to TS 38.521-1 is not needed anymore and you re-use X4 for TS 38.533.

r1

**Decision:** The document was **revised to R5-215973**.

**R5-215973 Addition of Multi-RTT, Dl-AoD and DL-TDOA positioning method test conditions**

*Type: CR For: Agreement  
 37.571-1 v16.9.0 CR-0338 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-214558)

**Decision:** The document was **agreed**.

**R5-214559 Introduction of NR RSTD measurement requirements test cases**

*Type: CR For: Agreement  
 37.571-1 v16.9.0 CR-0339 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

comments from R&S.

**Decision:** The document was **withdrawn**.

**R5-214560 Addition of conditions for NR PRS-based measurements and connection diagrams**

*Type: CR For: Agreement  
 37.571-1 v16.9.0 CR-0340 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

R&S: In R5-214560 you are adding Table C.1.6-1 and C.2.5-1. However, these tables should only be added after the corresponding TT analysis has been performed and they should contain the results of the TT analysis. Furthermore, the measurement uncertainties proposed in C.1.6-1 are taken from LTE, which is wrong. For NR, the MU values are different.

For FR1, Noc MU is +-1.5 dB and Es / Noc is +-0.3 dB. For FR2, Noc MU is +-5.65dB and the Es / Noc is +- 0.3 dB. You can obtain these values from F.1.1.2 of TS 38.533. Regarding the response time uncertainty of 300 ms, it can probably be re-used, but it needs to be discussed and agreed first.

Can you please either revert the addition of C1.6-1 and C.2.5-1 or set all the numeric values to “FFS”?

r2

**Decision:** The document was **revised to R5-215974**.

**R5-215974 Addition of conditions for NR PRS-based measurements and connection diagrams**

*Type: CR For: Agreement  
 37.571-1 v16.9.0 CR-0340 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-214560)

**Decision:** The document was **agreed**.

##### 5.3.30.4 TS 37.571-3

**R5-214563 Addition of test applicabilities and additional information for NR RSTD measurement test cases**

*Type: CR For: Agreement  
 37.571-3 v16.8.0 CR-0142 Cat: F (Rel-16)  
  
 Source: CATT*

**Decision:** The document was **withdrawn**.

##### 5.3.30.5 TS 37.571-5

##### 5.3.30.6 TR 38.903 ((NR MU & TT analyses)

##### 5.3.30.7 Discussion Papers, Work Plan, TC lists

#### 5.3.31 NR RF requirement enhancements for frequency range 2 (FR2) (UID-910098) NR\_RF\_FR2\_req\_enh-UEConTest

##### 5.3.31.1 TS 38.508-1

##### 5.3.31.2 TS 38.508-2

##### 5.3.31.3 TS 38.521-2

###### 5.3.31.3.1 Tx Requirements (Clause 6)

**R5-214383 Introduction of new clause 6.3A.4.4 and Minimum conformance requirements**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0558 Cat: F (Rel-16)  
  
 Source: 3in*

**Discussion:**

maybe wrong 5GS WIC?

r1

R&S agreed.

**Decision:** The document was **revised to R5-215848**.

**R5-214914 Transmit ON/OFF time mask test configuration for non-contiguous CA**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0586 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**R5-214915 Frequency error for non-contiguous CA**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0587 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**R5-214916 Transmit modulation quality for non-contiguous CA**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0588 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215975**.

**R5-215975 Transmit modulation quality for non-contiguous CA**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0588 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-214916)

**Decision:** The document was **agreed**.

**R5-215634 Updates to Rel.16 enhanced Beam Correspondence test**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0626 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

**Discussion:**

comments received from R&S.

r1

**Decision:** The document was **revised to R5-216081**.

**R5-216081 Updates to Rel.16 enhanced Beam Correspondence test**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0626 rev 1 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

(Replaces R5-215634)

**Decision:** The document was **agreed**.

**R5-215636 Updates to CSI-RS based beam correspondence minimum requirements**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0628 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

**Abstract:**

Core Spec Alignment

**Discussion:**

r1 was uploaded by mistake by KS ->deleted!

**Decision:** The document was **agreed**.

**R5-215637 Updates to SSB based beam correspondence minimum requirements**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0629 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

**Abstract:**

Core Spec Alignment

**Decision:** The document was **agreed**.

###### 5.3.31.3.2 Rx Requirements (Clause 7)

**R5-214839 Update Minumum conformance requirement clause 7.4A.0 for Rel-16 Enhancement**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0576 Cat: F (Rel-16)  
  
 Source: Apple Italia S.R.L., Nokia*

**Abstract:**

Added clause 7.4A.0.3 Maximum input level for Intra-band non-contiguous CA for Rel-16 Enhancement WP.

**Discussion:**

no WP in title!

r2

**Decision:** The document was **revised to R5-215976**.

**R5-215976 Update Minumum conformance requirement clause 7.4A.0 for Rel-16 Enhancement**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0576 rev 1 Cat: F (Rel-16)  
  
 Source: Apple Italia S.R.L., Nokia*

(Replaces R5-214839)

**Decision:** The document was **agreed**.

**R5-214841 Addition of clause 7.5A.0 minimum conformance requirement for Rel-16 Enhancement WP**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0577 Cat: F (Rel-16)  
  
 Source: Apple Italia S.R.L., Nokia*

**Abstract:**

Added minimum conformance requirement clause 7.5A.0 for Adjacent Channel Selectivity test cases.

**Discussion:**

r1

**Decision:** The document was **revised to R5-215977**.

**R5-215977 Addition of clause 7.5A.0 minimum conformance requirement for Rel-16 Enhancement WP**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0577 rev 1 Cat: F (Rel-16)  
  
 Source: Apple Italia S.R.L., Nokia*

(Replaces R5-214841)

**Decision:** The document was **agreed**.

**R5-214842 Addition of clause 7.6A.2.0 minimum conformance requirement for Rel-16 Enhancement WP**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0578 Cat: F (Rel-16)  
  
 Source: Apple Italia S.R.L., Nokia*

**Abstract:**

Added 7.6A.2.0 Minimum Conformance Requirements clause according Rel-16 Enhancement WP.

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set for TS 38.521-2.

r1

**Decision:** The document was **revised to R5-215978**.

**R5-215978 Addition of clause 7.6A.2.0 minimum conformance requirement for Rel-16 Enhancement WP**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0578 rev 1 Cat: F (Rel-16)  
  
 Source: Apple Italia S.R.L., Nokia*

(Replaces R5-214842)

**Decision:** The document was **agreed**.

**R5-214910 Editorial correction to Reference sensitivity power level for Inter-band CA**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0582 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**R5-214911 Maximum input level for Inter-band CA**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0583 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **withdrawn**.

**R5-214912 Adjacent channel selectivity for Inter-band CA**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0584 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **withdrawn**.

**R5-214913 In-band blocking for Inter-band CA**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0585 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **withdrawn**.

**R5-215558 EIS spherical coverage for inter-band CA**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0616 Cat: F (Rel-16)  
  
 Source: Apple Gesellschaft*

**Abstract:**

Harmonize text with TS38.101-2

**Discussion:**

cover issues

**Decision:** The document was **withdrawn**.

**R5-215559 DL CA BW Enhancement and CA REFSENS**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0617 Cat: F (Rel-16)  
  
 Source: Apple Gesellschaft*

**Abstract:**

Capture impact of DL CA BW Enhancement on CA REFSENS requirement

**Discussion:**

cover issues

**Decision:** The document was **withdrawn**.

**R5-215618 EIS spherical coverage for inter-band CA**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0622 Cat: F (Rel-16)  
  
 Source: Apple Gesellschaft*

**Abstract:**

Harmonize text with TS38.101-2

**Decision:** The document was **agreed**.

**R5-215619 DL CA BW Enhancement and CA REFSENS**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0623 Cat: F (Rel-16)  
  
 Source: Apple Gesellschaft*

**Abstract:**

Capture impact of DL CA BW Enhancement on CA REFSENS requirement

**Discussion:**

r2

**Decision:** The document was **revised to R5-215979**.

**R5-215979 DL CA BW Enhancement and CA REFSENS**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0623 rev 1 Cat: F (Rel-16)  
  
 Source: Apple Gesellschaft*

(Replaces R5-215619)

**Decision:** The document was **agreed**.

###### 5.3.31.3.3 Clauses 1-5, Annexes

**R5-215635 Common clause updates to cover Rel.16 FR2 changes**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0627 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

**Discussion:**

no cl. aff.

r1

**Decision:** The document was **revised to R5-215980**.

**R5-215980 Common clause updates to cover Rel.16 FR2 changes**

*Type: CR For: Agreement  
 38.521-2 v16.8.0 CR-0627 rev 1 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

(Replaces R5-215635)

**Decision:** The document was **agreed**.

##### 5.3.31.4 TS 38.522

**R5-214917 FR2 standalone RF conformance test case applicability**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0086 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r2

**Decision:** The document was **revised to R5-215981**.

**R5-215981 FR2 standalone RF conformance test case applicability**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0086 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-214917)

**Decision:** The document was **agreed**.

##### 5.3.31.5 TR 38.903 (NR MU & TT analyses)

##### 5.3.31.6 TR 38.905 (NR Test Points Radio Transmission and Reception)

##### 5.3.31.7 Discussion Papers, Work Plan, TC lists

**R5-215633 Discussion on FR2 test case addition and update across Releases**

*Type: discussion For: Agreement  
 38.521-2 v..  
 Source: Apple Portugal*

**Discussion:**

r1

Deferred to discuss Proposal 1, 3, 4.

r2

**Decision:** The document was **revised to R5-215822**.

**R5-215822 Discussion on FR2 test case addition and update across Releases**

*Type: discussion For: Agreement  
 38.521-2 v..  
 Source: Apple Portugal*

(Replaces R5-215633)

**Discussion:**

"Revised from: R5-215633r2.

Noted and proposals endorsed"

**Decision:** The document was **noted**.

**R5-215638 Discussion on addition of Rel.16 EN-DC RF tests to 38.521-3**

*Type: discussion For: Agreement  
 38.521-3 v..  
 Source: Apple Portugal*

**Discussion:**

Deferred.

r1

Maybe allow for a late t-doc for a revised WID to include TS38.521-3.

**Decision:** The document was **revised to R5-215812**.

#### 5.3.32 High power UE (power class 2) for EN-DC with 1 LTE band + 1 NR TDD band (UID-911000) ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest

##### 5.3.32.1 TS 38.508-1

##### 5.3.32.2 TS 38.508-2

**R5-215128 Update of PC2 EN-DC configuration into 38.508-2**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0235 Cat: F (Rel-17)  
  
 Source: China Unicom*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215982**.

**R5-215982 Update of PC2 EN-DC configuration into 38.508-2**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0235 rev 1 Cat: F (Rel-17)  
  
 Source: China Unicom*

(Replaces R5-215128)

**Decision:** The document was **agreed**.

##### 5.3.32.3 TS 38.521-3

###### 5.3.32.3.1 Tx Requirements (Clause 6)

###### 5.3.32.3.2 Rx Requirements (Clause 7)

###### 5.3.32.3.3 Clauses 1-5, Annexes

##### 5.3.32.4 TS 38.521-4

###### 5.3.32.4.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.32.4.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.32.4.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.32.4.4 Clauses 1-4, Annexes

##### 5.3.32.5 TS 38.522

**R5-215052 Addition of R17 PC2 EN-DC baseline implementation capabilities into 38.522**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0094 Cat: F (Rel-17)  
  
 Source: China Unicom*

**Decision:** The document was **withdrawn**.

##### 5.3.32.6 TR 38.905 (NR Test Points Radio Transmission and Reception)

##### 5.3.32.7 Discussion Papers, Work Plan, TC lists

#### 5.3.33 2-step RACH for NR (UID-911001) NR\_2step\_RACH-UEConTest

##### 5.3.33.1 TS 38.508-1

##### 5.3.33.2 TS 38.508-2

##### 5.3.33.3 TS 38.522

**R5-215399 Add 2-Step PRACH test cases to Applicability spec**

*Type: CR For: Agreement  
 38.522 v17.1.0 CR-0102 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

##### 5.3.33.4 TS 38.533

**R5-215392 Add test case 4.3.2.2.3 for EN-DC FR1 2-step PRACH**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1410 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-215393 Add test case 4.3.2.2.4 for EN-DC FR1 2-step PRACH**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1411 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-215394 Add test case 5.3.2.2.3 for EN-DC FR2 2-step PRACH**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1412 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-215395 Add test case 5.3.2.2.4 for EN-DC FR2 2-step PRACH**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1413 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-215396 Add test case 6.3.2.2.3 for SA FR1 2-step PRACH**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1414 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-215397 Add test case 6.3.2.2.4 for SA FR1 2-step PRACH**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1415 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-215398 Add 2-Step PRACH test cases to Annex E**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1416 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-215436 Add MsgA configuration to the TS 38.533 annexes**

*Type: CR For: Agreement  
 38.533 v16.8.0 CR-1437 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

##### 5.3.33.5 TR 38.903 (NR MU & TT analyses)

##### 5.3.33.6 Discussion Papers, Work Plan, TC lists

#### 5.3.34 NR-based access to unlicensed spectrum (UID-911003) NR\_unlic-UEConTest

##### 5.3.34.1 TS 38.508-1

##### 5.3.34.2 TS 38.508-2

**R5-214334 Introduction of ICS for NR-U**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0220 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

##### 5.3.34.3 TS 38.509

##### 5.3.34.4 TS 38.521-1

###### 5.3.34.4.1 Tx Requirements (Clause 6)

**R5-214332 Introduction of NR-U MOP test case**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1292 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215983**.

**R5-215983 Introduction of NR-U MOP test case**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1292 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-214332)

**Decision:** The document was **agreed**.

**R5-214333 Introduction of NR-U in general clauses**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1293 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215984**.

**R5-215984 Introduction of NR-U in general clauses**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1293 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-214333)

**Decision:** The document was **agreed**.

**R5-215563 Introduction of general spurious emission for NR-U**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1375 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215985**.

**R5-215985 Introduction of general spurious emission for NR-U**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1375 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

(Replaces R5-215563)

**Decision:** The document was **agreed**.

**R5-215564 Introduction of Spectrum emission mask for NR-U**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1376 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Decision:** The document was **agreed**.

###### 5.3.34.4.2 Rx Requirements (Clause 7)

**R5-215562 Introduction of Reference sensitivity for NR-U**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1374 Cat: F (Rel-17)  
  
 Source: Qualcomm Austria RFFE GmbH*

**Decision:** The document was **agreed**.

###### 5.3.34.4.3 Clauses 1-5, Annexes

##### 5.3.34.5 TS 38.521-3

###### 5.3.34.5.1 Tx Requirements (Clause 6)

###### 5.3.34.5.2 Rx Requirements (Clause 7)

###### 5.3.34.5.3 Clauses 1-5, Annexes

##### 5.3.34.6 TS 38.521-4

###### 5.3.34.6.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.34.6.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.34.6.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.34.6.4 Clauses 1-4, Annexes

##### 5.3.34.7 TS 38.522

##### 5.3.34.8 TS 38.533

##### 5.3.34.9 TR 38.903 (NR MU & TT analyses)

##### 5.3.34.10 TR 38.905 (NR Test Points Radio Transmission and Reception)

##### 5.3.34.11 Discussion Papers, Work Plan, TC lists

#### 5.3.35 LTE-NR & NR-NR Dual Connectivity and NR CA enhancements (UID-911004) LTE\_NR\_DC\_CA\_enh-UEConTest

##### 5.3.35.1 TS 38.508-1

##### 5.3.35.2 TS 38.508-2

##### 5.3.35.3 TS 38.522

##### 5.3.35.4 TS 38.533

##### 5.3.35.5 TR 38.903 (NR MU & TT analyses)

##### 5.3.35.6 Discussion Papers, Work Plan, TC lists

#### 5.3.36 SAR schemes for UE power class 2 (PC2) for NR inter-band Carrier Aggregation and supplemental uplink (SUL) configurations with 2 bands UL (UID-920065) NR\_SAR\_PC2\_interB\_SUL\_2BUL-UEConTest

##### 5.3.36.1 TS 38.508-1

##### 5.3.36.2 TS 38.508-2

##### 5.3.36.3 TS 38.521-1

###### 5.3.36.3.1 Tx Requirements (Clause 6)

###### 5.3.36.3.2 Rx Requirements (Clause 7)

###### 5.3.36.3.3 Clauses 1-5, Annexes

##### 5.3.36.4 TS 38.522

##### 5.3.36.5 TR 38.905 (NR Test Points Radio Transmission and Reception)

##### 5.3.36.6 Discussion Papers, Work Plan, TC lists

#### 5.3.37 Rel-17 High power UE for NR inter-band Carrier Aggregation with 2 bands downlink and x bands uplink (x=1,2) (UID-920066) NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest

##### 5.3.37.1 TS 38.508-1

##### 5.3.37.2 TS 38.508-2

##### 5.3.37.3 TS 38.521-1

###### 5.3.37.3.1 Tx Requirements (Clause 6)

**R5-214505 Update of Tx test cases for PC2 CA\_n3A-n41A with UL CA\_n3A-n41A**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1298 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r2

**Decision:** The document was **revised to R5-215986**.

**R5-215986 Update of Tx test cases for PC2 CA\_n3A-n41A with UL CA\_n3A-n41A**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1298 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214505)

**Decision:** The document was **agreed**.

**R5-214506 Update of Tx test cases for PC2 CA\_n28A-n79A with UL CA\_n28A-n79A**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1299 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215987**.

**R5-215987 Update of Tx test cases for PC2 CA\_n28A-n79A with UL CA\_n28A-n79A**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1299 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214506)

**Decision:** The document was **agreed**.

**R5-214507 Update of Tx test cases for PC2 CA\_n28A-n41A with UL CA\_n28A-n41A**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1300 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215988**.

**R5-215988 Update of Tx test cases for PC2 CA\_n28A-n41A with UL CA\_n28A-n41A**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1300 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214507)

**Decision:** The document was **agreed**.

**R5-214508 Update of Tx test cases for PC2 CA\_n40A-n41A with UL CA\_n40A-n41A**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1301 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215989**.

**R5-215989 Update of Tx test cases for PC2 CA\_n40A-n41A with UL CA\_n40A-n41A**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1301 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214508)

**Decision:** The document was **agreed**.

**R5-214509 Update of Tx test cases for PC2 CA\_n3A-n41A with UL PC2 n41A**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1302 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

"---- TDOC inconsistency ----:

3GU:

R5-214509

CR coversheet:

R5-214510

---- Title inconsistency ----:

3GU:

Update of Tx test cases for PC2 CA\_n3A-n41A with UL PC2 n41A

CR coversheet:

Update of Tx test cases for PC2 CA\_n28A-n79A with UL PC2 n79A

---- CR # inconsistency ----:

3GU:

1302

CR coversheet:

1303"

r1

**Decision:** The document was **revised to R5-215990**.

**R5-215990 Update of Tx test cases for PC2 CA\_n3A-n41A with UL PC2 n41A**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1302 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214509)

**Decision:** The document was **agreed**.

**R5-214510 Update of Tx test cases for PC2 CA\_n28A-n79A with UL PC2 n79A**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1303 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

"---- TDOC inconsistency ----:

3GU:

R5-214510

CR coversheet:

R5-214509

---- Title inconsistency ----:

3GU:

Update of Tx test cases for PC2 CA\_n28A-n79A with UL PC2 n79A

CR coversheet:

Update of Tx test cases for PC2 CA\_n3A-n41A with UL PC2 n41A

---- CR # inconsistency ----:

3GU:

1303

CR coversheet:

1302"

r1

**Decision:** The document was **revised to R5-215991**.

**R5-215991 Update of Tx test cases for PC2 CA\_n28A-n79A with UL PC2 n79A**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1303 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214510)

**Decision:** The document was **agreed**.

**R5-214511 Update of Tx test cases for PC2 CA\_n28A-n41A with UL PC2 n41A**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1304 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215992**.

**R5-215992 Update of Tx test cases for PC2 CA\_n28A-n41A with UL PC2 n41A**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1304 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214511)

**Decision:** The document was **agreed**.

###### 5.3.37.3.2 Rx Requirements (Clause 7)

###### 5.3.37.3.3 Clauses 1-5, Annexes

##### 5.3.37.4 TS 38.522

##### 5.3.37.5 TR 38.905 (NR Test Points Radio Transmission and Reception)

##### 5.3.37.6 Discussion Papers, Work Plan, TC lists

#### 5.3.38 Modification of LTE Band 24 Specifications to comply with updated regulatory emission limit) (UID-920067) LTE\_B24\_mod-UEConTest

##### 5.3.38.1 TS 34.108

##### 5.3.38.2 TS 34.121-1

##### 5.3.38.3 TS 34.121-2

##### 5.3.38.4 TS 36.508

**R5-215174 Updates to test frequencies for LTE band 24**

*Type: CR For: Agreement  
 36.508 v16.9.0 CR-1373 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Band 24 specifications in TS 36.101 were modified as a result of regulatory update triggering updates to conformance specifications

the Rel-17 WIC will trigger a spec upgrade

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set

r3

**Decision:** The document was **revised to R5-216082**.

**R5-216082 Updates to test frequencies for LTE band 24**

*Type: CR For: Agreement  
 36.508 v16.9.0 CR-1373 rev 1 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215174)

**Decision:** The document was **agreed**.

##### 5.3.38.5 TS 36.521-1

**R5-215177 Updates to LTE band 24 - common**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5339 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Band 24 specifications in TS 36.101 were modified as a result of regulatory updates requiring changes to to conformance specifications;

the Rel-17 WIC will trigger a spec upgrade

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set

r1

**Decision:** The document was **revised to R5-215993**.

**R5-215993 Updates to LTE band 24 - common**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5339 rev 1 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215177)

**Decision:** The document was **agreed**.

**R5-215178 Updates to MOP and MPR test cases for LTE band 24**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5340 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Band 24 specifications in TS 36.101 were modified as a result of regulatory updates requiring changes to to conformance specifications;

the Rel-17 WIC will trigger a spec upgrade

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set

r1

**Decision:** The document was **revised to R5-215994**.

**R5-215994 Updates to MOP and MPR test cases for LTE band 24**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5340 rev 1 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215178)

**Decision:** The document was **agreed**.

**R5-215179 Updates to A-MPR test cases for LTE band 24**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5341 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Band 24 specifications in TS 36.101 were modified as a result of regulatory updates requiring changes to to conformance specifications;

the Rel-17 WIC will trigger a spec upgrade

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set

r1

**Decision:** The document was **revised to R5-215995**.

**R5-215995 Updates to A-MPR test cases for LTE band 24**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5341 rev 1 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215179)

**Decision:** The document was **agreed**.

**R5-215181 Updates to Additional Spurious Emission test cases for LTE Band 24**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5342 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Band 24 specifications in TS 36.101 were modified as a result of regulatory updates requiring changes to to conformance specifications;

the Rel-17 WIC will trigger a spec upgrade

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set

r1

**Decision:** The document was **revised to R5-215996**.

**R5-215996 Updates to Additional Spurious Emission test cases for LTE Band 24**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5342 rev 1 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215181)

**Decision:** The document was **agreed**.

**R5-215186 Updates to reference sensitivity test case for LTE band 24**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5343 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Band 24 specifications in TS 36.101 were modified as a result of regulatory updates requiring changes to to conformance specifications;

the Rel-17 WIC will trigger a spec upgrade

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set

r1

**Decision:** The document was **revised to R5-215997**.

**R5-215997 Updates to reference sensitivity test case for LTE band 24**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5343 rev 1 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215186)

**Decision:** The document was **agreed**.

**R5-215187 Updates to In-band blocking test case for LTE band 24**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5344 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

and 24 specifications in TS 36.101 were modified as a result of regulatory updates requiring changes to to conformance specifications;

the Rel-17 WIC will trigger a spec upgrade

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set

r1

**Decision:** The document was **revised to R5-215998**.

**R5-215998 Updates to In-band blocking test case for LTE band 24**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5344 rev 1 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215187)

**Decision:** The document was **agreed**.

##### 5.3.38.6 TS 36.521-2

##### 5.3.38.7 TS 36.521-3

##### 5.3.38.8 TR 36.903 (E-UTRAN RRM TT analyses)

##### 5.3.38.9 TR 36.905 (E-UTRAN Test Points Radio Transmission and Reception )

##### 5.3.38.10 Discussion Papers, Work Plan, TC lists

#### 5.3.39 29 dBm UE Power Class for LTE Band 41 and NR Band n41 (UID-920068) LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest

##### 5.3.39.1 TS 38.521-1

###### 5.3.39.1.1 Tx Requirements (Clause 6)

**R5-214476 Addition of Configured Tx Power Minimum Conformance Requirements for n41 Power Class 1.5**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1294 Cat: F (Rel-17)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

**R5-214477 Addition of MOP for UL MIMO Minimum Conformance Requirements for n41 Power Class 1.5**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1295 Cat: F (Rel-17)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

**R5-214478 Addition of MOP for UL MIMO Test Requirements for n41 Power Class 1.5**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1296 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215999**.

**R5-215999 Addition of MOP for UL MIMO Test Requirements for n41 Power Class 1.5**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1296 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214478)

**Decision:** The document was **agreed**.

**R5-214479 Update of NR ACLR Test Requirement for n41 Power Class 1.5**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1297 Cat: F (Rel-17)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

**R5-215488 Adding Power Class 1.5 for LTE Band 41and NR Band n41 MOP**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1369 Cat: F (Rel-17)  
  
 Source: T-Mobile USA Inc.*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216000**.

**R5-216000 Adding Power Class 1.5 for LTE Band 41and NR Band n41 MOP**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1369 rev 1 Cat: F (Rel-17)  
  
 Source: T-Mobile USA Inc.*

(Replaces R5-215488)

**Decision:** The document was **agreed**.

**R5-215489 Adding Power Class 1.5 for LTE Band 41and NR Band n41 MPR**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1370 Cat: F (Rel-17)  
  
 Source: T-Mobile USA Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216001**.

**R5-216001 Adding Power Class 1.5 for LTE Band 41and NR Band n41 MPR**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1370 rev 1 Cat: F (Rel-17)  
  
 Source: T-Mobile USA Inc.*

(Replaces R5-215489)

**Decision:** The document was **agreed**.

**R5-215490 Adding Power Class 1.5 for LTE Band 41and NR Band n41 A-MPR**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1371 Cat: F (Rel-17)  
  
 Source: T-Mobile USA Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216002**.

**R5-216002 Adding Power Class 1.5 for LTE Band 41and NR Band n41 A-MPR**

*Type: CR For: Agreement  
 38.521-1 v17.1.0 CR-1371 rev 1 Cat: F (Rel-17)  
  
 Source: T-Mobile USA Inc.*

(Replaces R5-215490)

**Decision:** The document was **agreed**.

###### 5.3.39.1.2 Rx Requirements (Clause 7)

###### 5.3.39.1.3 Clauses 1-5, Annexes

##### 5.3.39.2 TS 38.521-3

###### 5.3.39.2.1 Tx Requirements (Clause 6)

###### 5.3.39.2.2 Rx Requirements (Clause 7)

###### 5.3.39.2.3 Clauses 1-5, Annexes

##### 5.3.39.3 TS 38.522

##### 5.3.39.4 Discussion Papers, Work Plan, TC lists

### 5.4 Routine Maintenance for 5G NR only TEIx\_Test

#### 5.4.1 TS 38.508-2

#### 5.4.2 TS 38.521-3

### 5.5 Routine Maintenance for LTE only TEIx\_Test

#### 5.5.1 LTE RF

##### 5.5.1.1 TS 36.508

**R5-215108 Update to GNSS nominal start time for V2X testing**

*Type: CR For: Agreement  
 36.508 v16.9.0 CR-1371 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Spirent*

**Discussion:**

r1

dependent on R5-214184. R5-214184 proposed a 24-month transition period for the new scenarios to be mandatory. The same transition period should be proposed then for the V2X GNSS scenarios in R5-215108r1.

r2

R&S agreed.

**Decision:** The document was **revised to R5-216003**.

**R5-216003 Update to GNSS nominal start time for V2X testing**

*Type: CR For: Agreement  
 36.508 v16.9.0 CR-1371 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Spirent*

(Replaces R5-215108)

**Decision:** The document was **agreed**.

##### 5.5.1.2 TS 36.509

##### 5.5.1.3 TS 36.521-1

###### 5.5.1.3.1 Tx Requirements (Clause 6)

**R5-214843 Cleanup for TS 36.521-1 spurious emission for UE co-existence table (non CA)**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5330 Cat: F (Rel-16)  
  
 Source: Apple Italia S.R.L.*

**Abstract:**

Several tables in Spurious emission band UE co-existence harmonic exceptions are missing for several bands.

**Discussion:**

Tdoc #

r2

CR R5-214033(RAN5#91e) changed the whole Table 6.6.3.2.3-1H, but it was not implemented in 36.521-1 v 16.9.0, so it's redone here.

**Decision:** The document was **revised to R5-216004**.

**R5-216004 Cleanup for TS 36.521-1 spurious emission for UE co-existence table (non CA)**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5330 rev 1 Cat: F (Rel-16)  
  
 Source: Apple Italia S.R.L.*

(Replaces R5-214843)

**Decision:** The document was **agreed**.

**R5-214844 Cleanup for TS 36.521-1 spurious emission for UE co-existence for CA tables**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5331 Cat: F (Rel-16)  
  
 Source: Apple Italia S.R.L.*

**Abstract:**

Several tables in Spurious emission band UE co-existence (for CA) harmonic exceptions are missing for several CA band combination.

**Decision:** The document was **agreed**.

**R5-215109 Cleaning up UE categories requirement for 16QAM test points**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5335 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-215121 Editorial, removing empty lines in table**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5336 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-215122 Editorial, correcting format in test case 6.6.3EA.3**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5337 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-215374 Update to V2X test cases**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5347 Cat: F (Rel-16)  
  
 Source: Bureau Veritas, Huawei, HiSilicon*

**Abstract:**

The changes also covered WIC “LTE\_SL\_V2V-UEConTest”.

**Decision:** The document was **agreed**.

**R5-215483 Update of MPR, ACLR, SEM CA test cases**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5349 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

spec!

r2

**Decision:** The document was **revised to R5-216005**.

**R5-216005 Update of MPR, ACLR, SEM CA test cases**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5349 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-215483)

**Decision:** The document was **agreed**.

###### 5.5.1.3.2 Rx Requirements (Clause 7)

**R5-215482 Editorial corrections in Reference Sensitivity for CA tests**

*Type: CR For: Agreement  
 36.521-1 v16.9.0 CR-5348 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Editorial

**Decision:** The document was **agreed**.

###### 5.5.1.3.3 Clauses 1-5, 8-10, Annexes

##### 5.5.1.4 TS 36.521-2

**R5-215375 Update to applicability table of V2X test cases**

*Type: CR For: Agreement  
 36.521-2 v16.9.0 CR-0966 Cat: F (Rel-16)  
  
 Source: Bureau Veritas, Huawei, HiSilicon*

**Abstract:**

The changes also covered WIC “LTE\_SL\_V2V-UEConTest”.

**Decision:** The document was **agreed**.

##### 5.5.1.5 TS 36.521-3

**R5-214925 Correction of eMTC PRACH tests**

*Type: CR For: Agreement  
 36.521-3 v16.9.0 CR-2587 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

##### 5.5.1.6 RRM Test & Radio Reception Test Tolerances

###### 5.5.1.6.1 TR 36.903 (E-UTRAN RRM TT analyses)

###### 5.5.1.6.2 TR 36.904 (E-UTRAN Radio Reception TT analyses)

###### 5.5.1.6.3 TR 36.905 (E-UTRAN Test Points Radio Transmission and Reception )

##### 5.5.1.7 TS 34.121-1

##### 5.5.1.8 TS 34.121-2

##### 5.5.1.9 TS 34.122

##### 5.5.1.10 TS 34.108

##### 5.5.1.11 TR 34.902 (UTRAN RRM Test Tolerance analyses)

##### 5.5.1.12 Discussion Papers, Work Plan, TC lists

### 5.6 Other Routine Maintenance TEIx\_Test

#### 5.6.1 TS 34.108

#### 5.6.2 TS 34.121-1 All sections other than annexes

#### 5.6.3 TS 34.121-1 Annexes only

#### 5.6.4 TS 34.121-2

#### 5.6.5 TS 34.122

#### 5.6.6 TS 34.171

#### 5.6.7 TS 34.172

#### 5.6.8 TS 34.114

#### 5.6.9 TS 37.571-1

**R5-215363 Update number of satellites for multi-GNSS for LTE tests**

*Type: CR For: Agreement  
 37.571-1 v16.9.0 CR-0341 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, MediaTek Inc.*

**Discussion:**

is still some discussion in RAN4.

**Decision:** The document was **withdrawn**.

**R5-215364 Update number of satellites for multi-GNSS for NR tests**

*Type: CR For: Agreement  
 37.571-1 v16.9.0 CR-0342 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, MediaTek Inc.*

**Discussion:**

is still some discussion in RAN4.

**Decision:** The document was **withdrawn**.

#### 5.6.10 TS 37.571-3

#### 5.6.11 TS 37.571-5

**R5-214184 Introduction of updated GNSS scenarios**

*Type: CR For: Agreement  
 37.571-5 v16.5.0 CR-0208 Cat: F (Rel-16)  
  
 Source: Spirent Communications, Rohde & Schwarz, CATT, CAICT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216006**.

**R5-216006 Introduction of updated GNSS scenarios**

*Type: CR For: Agreement  
 37.571-5 v16.5.0 CR-0208 rev 1 Cat: F (Rel-16)  
  
 Source: Spirent Communications, Rohde & Schwarz, CATT, CAICT*

(Replaces R5-214184)

**Decision:** The document was **agreed**.

**R5-215362 Update GNSS scenarios for multi-GNSS**

*Type: CR For: Agreement  
 37.571-5 v16.5.0 CR-0210 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, MediaTek Inc.*

**Discussion:**

Other title: "Update number of satellites for multi-GNSS for LTE tests"

r1

is still some discussion in RAN4.

w/d

**Decision:** The document was **revised to R5-215814**.

**R5-215814 Update GNSS scenarios for multi-GNSS**

*Type: CR For: Agreement  
 37.571-5 v16.5.0 CR-0210 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, MediaTek Inc.*

(Replaces R5-215362)

**Decision:** The document was **withdrawn**.

#### 5.6.12 TS 51.010-1 (RF/Performance)

#### 5.6.13 TS 51.010-2 (RF/Performance)

#### 5.6.14 TS 51.010-7 (RF/Performance)

#### 5.6.15 TS 37.544

**R5-215267 Update of D.2**

*Type: CR For: Agreement  
 37.544 v16.1.0 CR-0031 Cat: F (Rel-16)  
  
 Source: Intertek*

**Decision:** The document was **agreed**.

#### 5.6.16 TR 37.901

#### 5.6.17 Discussion Papers, Work Plan, TC lists

### 5.7 Outgoing liaison statements for provisional approval

### 5.8 AOB

## 6 Signalling Protocol Functional Area

### 6.1 Review action points (fm A.I. 2.1)

### 6.2 Review incoming LS (fm A.I. 3) & new subject discussion papers

### 6.3 Open Work Items

#### 6.3.1 Rel-14 LTE CA configurations (UID - 720098) LTE\_CA\_R14-UEConTest

##### 6.3.1.1 TS 36.508

##### 6.3.1.2 TS 36.523-1

##### 6.3.1.3 TS 36.523-2

##### 6.3.1.4 TS 36.523-3

##### 6.3.1.5 Discussion Papers, Work Plan, TC lists

#### 6.3.2 5G system with NR and LTE (UID - 760087) 5GS\_NR\_LTE-UEConTest

##### 6.3.2.1 TS 38.508-1

###### 6.3.2.1.1 Generic Procedures and Test Procedures (Clauses 4.5, 4.5A & 4.9)

**R5-214759 Correction to Test Procedure for IMS MO and MT call release in 5GC**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1977 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, Keysight*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216150**.

**R5-216150 Correction to Test Procedure for IMS MO and MT call release in 5GC**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1977 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, Keysight*

(Replaces R5-214759)

**Decision:** The document was **agreed**.

**R5-215359 Correction to introduce Handling of PDU Session Release during switch off/Power off procedures**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2017 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ, Apple*

**Discussion:**

moved to SIG.

r2

**Decision:** The document was **revised to R5-216151**.

**R5-216151 Correction to introduce Handling of PDU Session Release during switch off/Power off procedures**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2017 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ, Apple*

(Replaces R5-215359)

**Decision:** The document was **agreed**.

**R5-215502 Addition of UE Configuration Update procedure**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2026 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r4

**Decision:** The document was **revised to R5-216152**.

**R5-216152 Addition of UE Configuration Update procedure**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2026 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-215502)

**Decision:** The document was **agreed**.

**R5-215678 RRC and NAS message handling in uplink in case of simultaneous RRC and NAS procedures**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2034 Cat: F (Rel-17)  
  
 Source: ANRITSU LTD, Qualcomm*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

**R5-215687 Corrections for IMS video call signaling**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2037 Cat: - (Rel-17)  
  
 Source: Keysight Technologies, Qualcomm*

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-216153**.

**R5-216153 Corrections for IMS video call signaling**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2037 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies, Qualcomm*

(Replaces R5-215687)

**Decision:** The document was **agreed**.

**R5-215691 Update chapter 4.5.4 RRC\_CONNECTED**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2040 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

###### 6.3.2.1.2 Default NG-RAN RRC messages and IEs (Clause 4.6)

**R5-214431 Addition of condition SCell\_mod to ServingCellConfig (4.6.3-167)**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1966 Cat: F (Rel-17)  
  
 Source: Apple (UK) Limited*

**Abstract:**

Addition of condition SCell\_mod to ServingCellConfig (4.6.3-167). RRC based BWP switching is only supported on PCell/PSCell, but not SCell, so a new condition needs to be added to ServingCellConfig

**Discussion:**

covered in 214430.

**Decision:** The document was **withdrawn**.

**R5-215679 Enquiry of Capability and checking of UeCapabilityInformation contents for NR-DC**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2035 Cat: F (Rel-17)  
  
 Source: ANRITSU LTD, Qualcomm*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

**R5-215695 Correction to Table 4.6.3-142 and Table 4.6.3-79 for SFTD measurement reporting**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2041 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-216154**.

**R5-216154 Correction to Table 4.6.3-142 and Table 4.6.3-79 for SFTD measurement reporting**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2041 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-215695)

**Decision:** The document was **agreed**.

###### 6.3.2.1.3 Default 5GC NAS messages and IEs (Clause 4.7)

**R5-215500 Introduction of PS Data Off**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2024 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

wrong WIC on cover.

r4

**Decision:** The document was **revised to R5-216155**.

**R5-216155 Introduction of PS Data Off**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2024 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-215500)

**Decision:** The document was **agreed**.

**R5-215501 Introduction of URSP**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2025 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216156**.

**R5-216156 Introduction of URSP**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2025 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-215501)

**Decision:** The document was **agreed**.

**R5-215503 Updates to REGISTRATION messages**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2027 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216157**.

**R5-216157 Updates to REGISTRATION messages**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2027 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-215503)

**Decision:** The document was **agreed**.

**R5-215682 Correction to Table 4.8.2.2-1 for default Packet filter ID**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2036 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-216158**.

**R5-216158 Correction to Table 4.8.2.2-1 for default Packet filter ID**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2036 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-215682)

**Decision:** The document was **agreed**.

###### 6.3.2.1.4 Test environment for SIG (Clause 6)

**R5-214596 Correction for USIM configurations**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1969 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK*

**Discussion:**

deferred.

r1

**Decision:** The document was **revised to R5-216159**.

**R5-216159 Correction for USIM configurations**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1969 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK*

(Replaces R5-214596)

**Decision:** The document was **agreed**.

**R5-214784 Correction to USIM Configuration 19**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1978 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

reissued as R5-215689 because of title change.

**Decision:** The document was **withdrawn**.

**R5-215689 Correction to USIM Configuration 18 and 19**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2039 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

reissued from R5-214784 because of title change.

**Decision:** The document was **agreed**.

**R5-214947 Correction to Table 6.4.1-8 USIM Configuration 8**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1997 Cat: F (Rel-17)  
  
 Source: Starpoint*

**Decision:** The document was **agreed**.

**R5-215408 Updates to NR cell configurations for SIG**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2018 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Discussion:**

late doc

r1

Proposal updated based on the outcome of RAN5#92-e TTCN sidebar discussions.

**Decision:** The document was **revised to R5-216160**.

**R5-216160 Updates to NR cell configurations for SIG**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2018 rev 1 Cat: F (Rel-17)  
  
 Source: MCC TF160*

(Replaces R5-215408)

**Decision:** The document was **agreed**.

###### 6.3.2.1.5 Other clauses, Annexes

**R5-214436 Correction to 38.508 Table 4.8.2.3-2: Reference QoS flow #2**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1967 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

moved to SIG.

**Decision:** The document was **agreed**.

**R5-214554 Correction of default test frequencies for bands n38, n39, n40 and n50 and protocol testing**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1968 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-214755 Updates to System information combination for NR-DC**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1976 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies, Anrtisu*

**Decision:** The document was **agreed**.

**R5-215504 Updates to Table 4.4A.5-2**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2028 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-215688 Correction to reference configurations for IMS video call signaling**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2038 Cat: - (Rel-17)  
  
 Source: Keysight Technologies, Qualcomm*

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-216161**.

**R5-216161 Correction to reference configurations for IMS video call signaling**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2038 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies, Qualcomm*

(Replaces R5-215688)

**Decision:** The document was **agreed**.

##### 6.3.2.2 TS 38.508-2

**R5-214441 Corrections and Addition of NR PICS**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0221 Cat: F (Rel-17)  
  
 Source: Lenovo and Motorola Mobility*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

**R5-214771 Correction to NR capability**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0226 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1?

**Decision:** The document was **agreed**.

##### 6.3.2.3 TS 38.509

##### 6.3.2.4 TS 38.523-1

###### 6.3.2.4.1 Clauses 1 - 5

###### 6.3.2.4.2 Idle Mode (Clause 6)

**R5-214586 Correction to NR Idle mode test case 6.3.1.5**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2302 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216162**.

**R5-216162 Correction to NR Idle mode test case 6.3.1.5**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2302 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

(Replaces R5-214586)

**Decision:** The document was **agreed**.

**R5-214594 Correction to some idle mode test cases for RPLMN clearing**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2310 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Discussion:**

deferred.

**Decision:** The document was **withdrawn**.

**R5-214701 Correction of Srxlev for Idle TC 6.1.2.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2322 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

comments from MCC TF160.

r1

**Decision:** The document was **revised to R5-216163**.

**R5-216163 Correction of Srxlev for Idle TC 6.1.2.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2322 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-214701)

**Decision:** The document was **agreed**.

**R5-214760 Correction to NR TC 6.2.3.10-Inter-RAT cell reselection schedulingInfoList-v12j0**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2348 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216164**.

**R5-216164 Correction to NR TC 6.2.3.10-Inter-RAT cell reselection schedulingInfoList-v12j0**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2348 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214760)

**Decision:** The document was **agreed**.

**R5-214761 Correction to NR TC 6.3.1.7-Emergency service pending to be activated**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2349 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216165**.

**R5-216165 Correction to NR TC 6.3.1.7-Emergency service pending to be activated**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2349 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214761)

**Decision:** The document was **agreed**.

**R5-214762 Correction to NR TC 6.2.3.7-Update FR2 power level**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2350 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

Lack of calibration procedures for OTA.

**Decision:** The document was **withdrawn**.

**R5-214763 Correction to NR TC 6.4.3.1-Update FR2 power level**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2351 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

Lack of calibration procedures for OTA.

**Decision:** The document was **withdrawn**.

**R5-214897 Corrections to Idle mode TC 6.2.3.10 and 6.2.3.11**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2405 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Keysight*

**Discussion:**

late doc

r2

**Decision:** The document was **revised to R5-216166**.

**R5-216166 Corrections to Idle mode TC 6.2.3.10 and 6.2.3.11**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2405 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Keysight*

(Replaces R5-214897)

**Decision:** The document was **agreed**.

**R5-215170 Correction to NR Idle mode test case 6.3.1.3**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2430 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Discussion:**

r1

w/d based on discussion with MCC TF160.

**Decision:** The document was **revised to R5-215769**.

**R5-215769 Correction to NR Idle mode test case 6.3.1.3**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2430 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

(Replaces R5-215170)

**Decision:** The document was **withdrawn**.

**R5-215440 Correction to Idle TC 6.3.1.10**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2442 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216168**.

**R5-216168 Correction to Idle TC 6.3.1.10**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2442 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-215440)

**Decision:** The document was **agreed**.

**R5-215507 Update to test case 6.2.1.4**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2448 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-215699 Correction to NR TC 6.4.1.2-Cell reselection of ePLMN in manual mode**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2465 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

###### 6.3.2.4.3 Layer 2

6.3.2.4.3.1 NR Layer 2

6.3.2.4.3.1.1 Common Test Case Specific Values for Layer 2 (Clause 7.1.0)

6.3.2.4.3.1.2 MAC

**R5-214587 Correction to NR MAC test cases 7.1.1.7.1.x**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2303 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd, Qualcomm*

**Decision:** The document was **agreed**.

**R5-214588 Correction to NR MAC test case 7.1.1.4.2.3**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2304 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Decision:** The document was **agreed**.

**R5-214702 Update of RRC messages for MAC TC 7.1.1.3.11, 7.1.1.5.1 and 7.1.1.5.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2323 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

R&S: TC 7.1.1.3.11 is part of NR\_IioT-UEConTest work item and my understanding is that you need to have a separate CR for this, as its an active work item.

Reissued as R5-215696 because of title change.

**Decision:** The document was **withdrawn**.

**R5-215696 Update of RRC messages for MAC TC 7.1.1.5.1 and 7.1.1.5.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2462 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Abstract:**

reissued from R5-214702 because of title change

**Decision:** The document was **agreed**.

**R5-214738 Corrections to NR5G MAC BWP TC 7.1.1.8.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2331 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Keysight Technologies UK Ltd, 1. Huawei, Hisilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216169**.

**R5-216169 Corrections to NR5G MAC BWP TC 7.1.1.8.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2331 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Keysight Technologies UK Ltd, 1. Huawei, Hisilicon*

(Replaces R5-214738)

**Decision:** The document was **agreed**.

**R5-214764 Correction to NR TC 7.1.1.7.1.1-sCellDeactivationTimer**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2352 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, Keysight*

**Decision:** The document was **agreed**.

**R5-214765 Correction to NR TC 7.1.1.8.1-BWP**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2353 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

It will be merged into R5-214738.

**Decision:** The document was **withdrawn**.

**R5-215134 Correction to NR MAC 7.1.1.4.x test cases**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2424 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

was wrong AI.

r1

Further to Olivier’s comments I think the following change in UL MAC TBS test cases.

I understand the reasoning behind it but to my knowledge, we don’t have a test model support for this and requires test model update.

Further discussion and taking comments from TF160 and Qualcomm.

r4

**Decision:** The document was **revised to R5-216170**.

**R5-216170 Correction to NR MAC 7.1.1.4.x test cases**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2424 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-215134)

**Decision:** The document was **agreed**.

**R5-215171 Correction to NR MAC test case 7.1.1.9.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2431 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK, Qualcomm*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

**R5-215407 Correction to NR MAC test case 7.1.1.3.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2440 Cat: F (Rel-16)  
  
 Source: ANRITSU LTD*

**Decision:** The document was **agreed**.

**R5-215437 Update of specific message content for MAC TC 7.1.1.1.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2441 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-215675 Correction to NR TC 7.1.1.3.8.1-PHR report with Intra-band Contiguous CA**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2456 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

**R5-215693 Corrections to NR MAC Recommended bit rate test case**

*Type: CR For: Agreement  
 38.523-1 v16.9.0 CR-2461 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility, MCC TF160*

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-216171**.

**R5-216171 Corrections to NR MAC Recommended bit rate test case**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2461 rev 1 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility, MCC TF160*

(Replaces R5-215693)

**Decision:** The document was **agreed**.

**R5-215698 Correction to NR TC 7.1.1.3.2b-Logical channel prioritization handling with Mapping restrictions**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2464 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

6.3.2.4.3.1.3 RLC

**R5-215138 Correction to the test cases 7.1.2.3.5 and 7.1.2.3.5a**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2426 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Keysight*

**Discussion:**

comments from TF160 and Keysight.

r2

**Decision:** The document was **revised to R5-216172**.

**R5-216172 Correction to the test cases 7.1.2.3.5 and 7.1.2.3.5a**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2426 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Keysight*

(Replaces R5-215138)

**Decision:** The document was **agreed**.

**R5-215172 Correction to NR RLC test case 7.1.2.3.5**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2432 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Discussion:**

merged into R5-215138.

**Decision:** The document was **withdrawn**.

6.3.2.4.3.1.4 PDCP

**R5-214589 Correction to NR PDCP test case 7.1.3.5.5**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2305 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216173**.

**R5-216173 Correction to NR PDCP test case 7.1.3.5.5**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2305 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

(Replaces R5-214589)

**Decision:** The document was **agreed**.

**R5-215680 Update of System information combination for NR-DC PDCP test cases**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2458 Cat: F (Rel-16)  
  
 Source: ANRITSU LTD, Qualcomm*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

6.3.2.4.3.1.5 SDAP

**R5-214840 Correction to SDAP TC 7.1.4.1**

*Type: CR For: Agreement  
 38.523-1 v15.5.0 CR-2388 Cat: F (Rel-15)  
  
 Source: Qualcomm Finland RFFE Oy*

**Decision:** The document was **withdrawn**.

**R5-215169 Correction to SDAP TC 7.1.4.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2429 Cat: F (Rel-16)  
  
 Source: Qualcomm Finland RFFE Oy*

**Discussion:**

.doc

r1

**Decision:** The document was **revised to R5-215714**.

**R5-215714 Correction to SDAP TC 7.1.4.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2429 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Finland RFFE Oy*

(Replaces R5-215169)

**Decision:** The document was **agreed**.

###### 6.3.2.4.4 RRC

6.3.2.4.4.1 NR RRC

6.3.2.4.4.2 MR-DC RRC

6.3.2.4.4.1.1 RRC Connection Management Procedures (clause 8.1.1)

**R5-214590 Correction to NR RRC test case 8.1.1.2.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2306 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Decision:** The document was **withdrawn**.

**R5-214591 Correction to NR RRC test case 8.1.1.2.3**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2307 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd, Qualcomm*

**Decision:** The document was **agreed**.

**R5-214592 Correction to NR RRC test case 8.1.1.4.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2308 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Decision:** The document was **agreed**.

**R5-214703 Correction of SIB1 for NR RRC TC 8.1.1.4.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2324 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-214737 Updates to NR RRC TC 8.1.1.3.7**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2330 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216174**.

**R5-216174 Updates to NR RRC TC 8.1.1.3.7**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2330 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-214737)

**Decision:** The document was **agreed**.

**R5-214766 Correction to NR TC 8.1.1.2.1-T300 expired**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2354 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, Keysight*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216175**.

**R5-216175 Correction to NR TC 8.1.1.2.1-T300 expired**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2354 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, Keysight*

(Replaces R5-214766)

**Decision:** The document was **agreed**.

**R5-214767 Correction to NR TC 8.1.1.3.7-Deprioritisation**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2355 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-215136 Correction to NR RRC test case 8.1.1.4.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2425 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

Based on the discussion with TF160.

**Decision:** The document was **withdrawn**.

**R5-215466 Correction of NR5GC RRC Test Case 8.1.1.3.7**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2447 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Discussion:**

CR#

**Decision:** The document was **withdrawn**.

**R5-215702 Addition of NR5G RRC TC 8.1.1.3.7a**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2466 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Abstract:**

R5-214767 from Qualcomm adds a new TP for Deprioritization-type = NR but this would have certification impact as the TC will move to IRAT WI. Based on discussion with MCC TF160 and Motorola Mobility it was agreed to test this in a separate TC.

**Discussion:**

late doc

r2

**Decision:** The document was **revised to R5-216176**.

**R5-216176 Addition of NR5G RRC TC 8.1.1.3.7a**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2466 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-215702)

**Decision:** The document was **agreed**.

6.3.2.4.4.2.1 RRC UE Capability / Others (clause 8.2.1)

6.3.2.4.4.1.2 RRC Reconfiguration (clause 8.1.2)

**R5-214429 Correction to RRC reconfiguration Test Case 8.1.2.1.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2287 Cat: F (Rel-16)  
  
 Source: Apple (UK) Limited*

**Abstract:**

Correction to RRC reconfiguration Test Case 8.1.2.1.1. According to TS 38.331 section 5.3.1.1, when all DRBs are released and SRB2 is still active, the RRC connection must be released. At step 13 of this test, all DRBs are released but the RRC connection

**Discussion:**

r3

**Decision:** The document was **revised to R5-216177**.

**R5-216177 Correction to RRC reconfiguration Test Case 8.1.2.1.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2287 rev 1 Cat: F (Rel-16)  
  
 Source: Apple (UK) Limited*

(Replaces R5-214429)

**Decision:** The document was **agreed**.

6.3.2.4.4.1.3 RRC Measurement Configuration Control and Reporting (clause 8.1.3)

**R5-214547 Update of RSRP threshold for RRC TC 8.1.3.1.13**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2297 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-214614 Updates to NR CA test cases 8.1.3.1.18.x**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2312 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

6.3.2.4.4.2.2 RRC Radio Bearer (clause 8.2.2)

**R5-214749 Correction to NR-DC RRC test case 8.2.2.4.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2340 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Anrtisu*

**Decision:** The document was **agreed**.

**R5-214750 Correction to NR-DC RRC test case 8.2.2.5.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2341 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Anrtisu*

**Decision:** The document was **agreed**.

**R5-214751 Correction to NR-DC RRC test case 8.2.2.9.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2342 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Anrtisu*

**Decision:** The document was **agreed**.

**R5-214770 Correction to NR-DC TC 8.2.2.3.2-Split SRB and SRB3**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2358 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216181**.

**R5-216181 Correction to NR-DC TC 8.2.2.3.2-Split SRB and SRB3**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2358 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214770)

**Decision:** The document was **agreed**.

6.3.2.4.4.1.3 RRC Measurement Configuration Control and Reporting (clause 8.1.3)

**R5-214772 Addition of NR SA TC 8.1.3.1.19-SFTD**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2359 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216178**.

**R5-216178 Addition of NR SA TC 8.1.3.1.19-SFTD**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2359 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214772)

**Decision:** The document was **agreed**.

**R5-214890 Void NR5G RRC TC 8.1.3.1.22**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2401 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **agreed**.

6.3.2.4.4.2.2 RRC Radio Bearer (clause 8.2.2)

**R5-214899 Addition of NR-DC TC 8.2.3.11.3**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2407 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **agreed**.

6.3.2.4.4.1.3 RRC Measurement Configuration Control and Reporting (clause 8.1.3)

**R5-215048 Update to NR RRC test cases 8.1.3.1.11 and 8.1.3.1.12**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2423 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216179**.

**R5-216179 Update to NR RRC test cases 8.1.3.1.11 and 8.1.3.1.12**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2423 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

(Replaces R5-215048)

**Decision:** The document was **agreed**.

**R5-215149 Update to title of test case 8.1.3.1.23**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2427 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

**Decision:** The document was **agreed**.

6.3.2.4.4.1.4 RRC Handover (clause 8.1.4)

**R5-214615 Updates to NR CA test cases 8.1.4.1.8.x**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2313 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214768 Correction to NR TC 8.1.4.1.9.1-Reestablish intra-band**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2356 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, Mediatek*

**Discussion:**

r1

LS will be sent to RAN2.

TC not verifyable any more due to core spec declaration independency.

r3

**Decision:** The document was **revised to R5-216180**.

**R5-216180 Correction to NR TC 8.1.4.1.9.1-Reestablish intra-band**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2356 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, Mediatek*

(Replaces R5-214768)

**Decision:** The document was **agreed**.

6.3.2.4.4.2.3 RRC Measurement / Handovers (clause 8.2.3)

**R5-214773 Addition of EN-DC TC 8.2.3.17.1-SFTD**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2360 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216182**.

**R5-216182 Addition of EN-DC TC 8.2.3.17.1-SFTD**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2360 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214773)

**Decision:** The document was **agreed**.

**R5-214774 Addition of NR-DC TC 8.2.3.17.2-SFTD**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2361 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216183**.

**R5-216183 Addition of NR-DC TC 8.2.3.17.2-SFTD**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2361 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214774)

**Decision:** The document was **agreed**.

6.3.2.4.4.1.4 RRC Handover (clause 8.1.4)

**R5-214944 Correction of SIB1 for NR RRC TC 8.1.4.1.9.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2412 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

merged into the revision of R5-214768.

**Decision:** The document was **withdrawn**.

**R5-215356 Correction to 8.1.4.1.5**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2437 Cat: F (Rel-16)  
  
 Source: Guangdong OPPO Mobile Telecom.*

**Decision:** The document was **agreed**.

**R5-215358 Correction to 8.1.4.1.9.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2438 Cat: F (Rel-16)  
  
 Source: Guangdong OPPO Mobile Telecom.*

**Decision:** The document was **withdrawn**.

6.3.2.4.4.2.4 RRC Carrier Aggregation (clause 8.2.4)

**R5-214430 Correction to Carrier Aggregation Test Case 8.2.4.1.1.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2288 Cat: F (Rel-16)  
  
 Source: Apple (UK) Limited*

**Abstract:**

Correction to Carrier Aggregation Test Case 8.2.4.1.1.1. RRC based BWP switching is only supported on PCell/PSCell, but not SCell

**Discussion:**

r2

**Decision:** The document was **revised to R5-216184**.

**R5-216184 Correction to Carrier Aggregation Test Case 8.2.4.1.1.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2288 rev 1 Cat: F (Rel-16)  
  
 Source: Apple (UK) Limited*

(Replaces R5-214430)

**Decision:** The document was **agreed**.

6.3.2.4.4.1.5 RRC Others (clause 8.1.5)

**R5-214616 Updates to NR CA test cases 8.1.5.6.5.x**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2314 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214617 Updates to NR CA test cases 8.1.5.7.1.x**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2315 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214618 Updates to NR CA test cases 8.1.5.8.2.x**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2316 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214704 Correction of SIB1 for NR RRC TC 8.1.5.2.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2325 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-214769 Correction to NR TC 8.1.5.8.1-Latency check**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2357 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-215269 Update of RRC TC 8.1.5.6.5.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2435 Cat: F (Rel-16)  
  
 Source: Intertek*

**Decision:** The document was **withdrawn**.

**R5-215685 Correction to NR testcase 8.1.5.4.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2460 Cat: F (Rel-16)  
  
 Source: Rohde & Schwarz*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

6.3.2.4.4.2.5 RRC Reconfiguration / Radio Link Failure (clause 8.2.5)

**R5-214752 Correction to NR-DC RRC test case 8.2.5.1.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2343 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Anrtisu*

**Decision:** The document was **agreed**.

**R5-214753 Correction to NR-DC RRC test case 8.2.5.3.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2344 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Anrtisu*

**Decision:** The document was **agreed**.

**R5-214754 Correction to NR-DC RRC test case 8.2.5.2.2 and 8.2.5.4.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2345 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Anrtisu*

**Discussion:**

Tdoc #

r1

**Decision:** The document was **revised to R5-215715**.

**R5-215715 Correction to NR-DC RRC test case 8.2.5.2.2 and 8.2.5.4.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2345 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Anrtisu*

(Replaces R5-214754)

**Decision:** The document was **agreed**.

6.3.2.4.4.2.6 RRC Others (clause 8.2.6)

**R5-214739 Updates to NR-DC RRC TC 8.2.6.2.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2332 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **agreed**.

###### 6.3.2.4.5 5GS Mobility Management

6.3.2.4.5.1 MM Primary authentication and key agreement (clause 9.1.1)

6.3.2.4.5.2 MM Security mode control, Identification & Generic UE configuration update (clauses 9.1.2, 9.1.3 & 9.1.4)

6.3.2.4.5.3 MM Registration & De-registration (clauses 9.1.5 & 9.1.6)

**R5-214548 Correction of 5GMM TC 9.1.5.1.8**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2298 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Keysight*

**Decision:** The document was **agreed**.

**R5-214898 Correction to NR5G NAS TC 9.1.5.1.3a**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2406 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Keysight Technologies, Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215716**.

**R5-215716 Correction to NR5G NAS TC 9.1.5.1.3a**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2406 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Keysight Technologies, Anritsu*

(Replaces R5-214898)

**Decision:** The document was **agreed**.

**R5-215404 Correction to 5GMM TC 9.1.5.1.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2439 Cat: F (Rel-16)  
  
 Source: ANRITSU LTD*

**Decision:** The document was **agreed**.

6.3.2.4.5.4 MM Service Request (clause 9.1.7)

6.3.2.4.5.5 MM SMS Over NAS (clause 9.1.8)

6.3.2.4.5.6 Inter-system Mobility (clause 9.3)

**R5-214705 Correction of 5GMM capability for 5GMM TC 9.3.1.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2326 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216185**.

**R5-216185 Correction of 5GMM capability for 5GMM TC 9.3.1.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2326 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-214705)

**Decision:** The document was **agreed**.

###### 6.3.2.4.6 5GS Session Management

6.3.2.4.6.1 SM PDU session authentication and authorization (clause 10.1.1)

**R5-214776 Correction to NR TC 10.1.1.1 and 10.3.1.1-PDU Establish Accept**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2362 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, ROHDE & SCHWARZ*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216186**.

**R5-216186 Correction to NR TC 10.1.1.1 and 10.3.1.1-PDU Establish Accept**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2362 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, ROHDE & SCHWARZ*

(Replaces R5-214776)

**Decision:** The document was **agreed**.

**R5-215512 Correction to NR5GC testcase 10.1.1.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2449 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

merged with Hisilicon CR R5-214776.

**Decision:** The document was **withdrawn**.

6.3.2.4.6.2 SM Network-requested PDU session modification & release (clauses 10.1.2 & 10.1.3)

6.3.2.4.6.3 SM UE-requested PDU session establishment, modification & release (clauses 10.1.4, 10.1.5 & 10.1.6)

###### 6.3.2.4.7 EN-DC Session Management

###### 6.3.2.4.8 5GS Multilayer and Services

6.3.2.4.8.1 EPS Fallback

**R5-214593 Correction to EPS fallback test case 11.1.4**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2309 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Decision:** The document was **agreed**.

**R5-214706 Correction of 5GMM capability for EPSFB TC 11.1.7**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2327 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

.rar

**Decision:** The document was **revised to R5-216187**.

**R5-216187 Correction of 5GMM capability for EPSFB TC 11.1.7**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2327 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-214706)

**Decision:** The document was **agreed**.

**R5-214707 Update of TP for EPSFB TC 11.1.3**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2328 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-214777 Correction to NR TC 11.1.2-EPS Fallback from NR Idle**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2363 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216188**.

**R5-216188 Correction to NR TC 11.1.2-EPS Fallback from NR Idle**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2363 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214777)

**Decision:** The document was **agreed**.

**R5-214778 Correction to NR TC 11.1.5-EPS Fallback from NR connected**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2364 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216189**.

**R5-216189 Correction to NR TC 11.1.5-EPS Fallback from NR connected**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2364 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214778)

**Decision:** The document was **agreed**.

**R5-215514 Correction to EPS FB Testcases 11.1.x for FR2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2450 Cat: F (Rel-16)  
  
 Source: ANRITSU LTD*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216190**.

**R5-216190 Correction to EPS FB Testcases 11.1.x for FR2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2450 rev 1 Cat: F (Rel-16)  
  
 Source: ANRITSU LTD*

(Replaces R5-215514)

**Decision:** The document was **agreed**.

6.3.2.4.8.2 5G-SRVCC

6.3.2.4.8.3 Unified Access Control (UAC)

**R5-214440 Corrections to NR5GC testcase 11.3.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2293 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Huawei, HiSilicon, Qualcomm*

**Discussion:**

offline discussion with Qualcomm / Huawei / HiSilicon /TF160 .

r2

**Decision:** The document was **revised to R5-216191**.

**R5-216191 Corrections to NR5GC testcase 11.3.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2293 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Huawei, HiSilicon, Qualcomm*

(Replaces R5-214440)

**Decision:** The document was **agreed**.

**R5-214595 Correction to UAC test case 11.3.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2311 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd, Qualcomm*

**Decision:** The document was **withdrawn**.

**R5-214742 Corrections to NR5G UAC TC 11.3.7**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2335 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Anrtisu, Keysight Technologies UK Ltd*

**Decision:** The document was **agreed**.

**R5-214779 Correction to NR TC 11.3.1-UAC AI0 with 0 percentage access probability**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2365 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, Qualcomm*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216192**.

**R5-216192 Correction to NR TC 11.3.1-UAC AI0 with 0 percentage access probability**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2365 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, Qualcomm*

(Replaces R5-214779)

**Decision:** The document was **agreed**.

**R5-214780 Correction to NR TC 11.3.2-UAC AI0 Emergency Call**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2366 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

It will be merged into R5-214440.

**Decision:** The document was **withdrawn**.

**R5-214781 Correction to NR TC 11.3.5-UAC Access Identity 1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2367 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216193**.

**R5-216193 Correction to NR TC 11.3.5-UAC Access Identity 1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2367 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214781)

**Decision:** The document was **agreed**.

**R5-214782 Correction to NR TC 11.3.6-UAC AI2 MCS**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2368 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

deferred.

r1

**Decision:** The document was **revised to R5-216194**.

**R5-216194 Correction to NR TC 11.3.6-UAC AI2 MCS**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2368 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214782)

**Decision:** The document was **agreed**.

**R5-214783 Correction to NR TC 11.3.9-UAC for Operator Defined Access Category**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2369 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-214896 Corrections to NR5G UAC TC 11.3.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2404 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Keysight*

**Discussion:**

merged into R5-214440.

**Decision:** The document was **withdrawn**.

**R5-215041 Update of UAC test case 11.3.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2421 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

**Discussion:**

merged into R5-214779r1.

**Decision:** The document was **withdrawn**.

**R5-215046 Addition of new RRC Inactive UAC test case 11.3.1a**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2422 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France, Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216195**.

**R5-216195 Addition of new RRC Inactive UAC test case 11.3.1a**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2422 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France, Huawei, Hisilicon*

(Replaces R5-215046)

**Decision:** The document was **agreed**.

6.3.2.4.8.4 Emergency Services

**R5-214437 Correction to NR5GC testcase 11.4.6**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2292 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Mediatek, Qualcomm*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216196**.

**R5-216196 Correction to NR5GC testcase 11.4.6**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2292 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Mediatek, Qualcomm*

(Replaces R5-214437)

**Decision:** The document was **agreed**.

**R5-214619 Update to NR/5GC test case 11.4.3**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2317 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Discussion:**

same change is covered in Huawei, HiSilicon CR R5-214787.

**Decision:** The document was **withdrawn**.

**R5-214785 Correction to NR TC 11.4.1-emergency call and authentication failure**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2370 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

cover: +emg call missing!

Empty CR!

to be updated according to LS response from CT1.

late doc

Deferred.

r1

**Decision:** The document was **revised to R5-215773**.

**R5-215773 Correction to NR TC 11.4.1-emergency call and authentication failure**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2370 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214785)

**Decision:** The document was **withdrawn**.

**R5-214786 Correction to NR TC 11.4.2-Handling of forbidden PLMNs**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2371 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

deferred.

r1

**Decision:** The document was **revised to R5-216198**.

**R5-216198 Correction to NR TC 11.4.2-Handling of forbidden PLMNs**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2371 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214786)

**Decision:** The document was **agreed**.

**R5-214787 Correction to NR TC 11.4.3-Initial registration for emergency services**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2372 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, MCC TF160*

**Discussion:**

r1

R5-214619 from TF160 has been merged into this doc.

**Decision:** The document was **revised to R5-216199**.

**R5-216199 Correction to NR TC 11.4.3-Initial registration for emergency services**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2372 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, MCC TF160*

(Replaces R5-214787)

**Decision:** The document was **agreed**.

**R5-214788 Correction to NR TC 11.4.4-T3346, T3396**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2373 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216200**.

**R5-216200 Correction to NR TC 11.4.4-T3346, T3396**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2373 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214788)

**Decision:** The document was **agreed**.

**R5-214789 Correction to NR TC 11.4.5-Handling of 5GS forbidden tracking areas for roaming**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2374 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

deferred.

r1

**Decision:** The document was **revised to R5-216201**.

**R5-216201 Correction to NR TC 11.4.5-Handling of 5GS forbidden tracking areas for roaming**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2374 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214789)

**Decision:** The document was **agreed**.

**R5-214790 Correction to NR TC 11.4.9-Emergency call establishment and release**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2375 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

deferred.

r1

**Decision:** The document was **revised to R5-216202**.

**R5-216202 Correction to NR TC 11.4.9-Emergency call establishment and release**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2375 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214790)

**Decision:** The document was **agreed**.

**R5-214945 Correction of Emergency Number list for TC 11.4.8**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2413 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216203**.

**R5-216203 Correction of Emergency Number list for TC 11.4.8**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2413 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-214945)

**Decision:** The document was **agreed**.

##### 6.3.2.5 TS 38.523-2

**R5-214389 Update of 5G-NR test cases applicability**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0158 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated, CAICT, Lenovo, Motorola Mobility*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216204**.

**R5-216204 Update of 5G-NR test cases applicability**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0158 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated, CAICT, Lenovo, Motorola Mobility*

(Replaces R5-214389)

**Decision:** The document was **agreed**.

**R5-214404 Aligning PICS usage for IMS emergency calls**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0159 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

Rel-15 on cover.

r2

**Decision:** The document was **revised to R5-215717**.

**R5-215717 Aligning PICS usage for IMS emergency calls**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0159 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214404)

**Decision:** The document was **withdrawn**.

**R5-214610 Correction of condition C48**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0163 Cat: F (Rel-16)  
  
 Source: CAICT*

**Discussion:**

avoid overlapping with R5-214389.

**Decision:** The document was **withdrawn**.

**R5-214775 Addition of Applicability for SFTD TCs**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0166 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r3

**Decision:** The document was **revised to R5-216205**.

**R5-216205 Addition of Applicability for SFTD TCs**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0166 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214775)

**Decision:** The document was **agreed**.

##### 6.3.2.6 TS 38.523-3

**R5-214620 5G Rel-15 Test Models updates**

*Type: CR For: Agreement  
 38.523-3 v16.2.0 CR-1856 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

##### 6.3.2.7 TS 34.229-1

**R5-214726 Add PS data off feature**

*Type: CR For: Agreement  
 34.229-1 v15.8.0 CR-1468 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Discussion:**

cover Rel-16

r1

**Decision:** The document was **revised to R5-215718**.

**R5-215718 Add PS data off feature**

*Type: CR For: Agreement  
 34.229-1 v15.8.0 CR-1468 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces R5-214726)

**Decision:** The document was **agreed**.

##### 6.3.2.8 TS 34.229-2

**R5-214218 Corrections to applicability statements of IMS over 5GS test cases**

*Type: CR For: Agreement  
 34.229-2 v15.7.0 CR-0286 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

Other discussions (with Ericsson, Keysight) to be resolved in 2nd week.

**Decision:** The document was **revised to R5-216206**.

**R5-216206 Corrections to applicability statements of IMS over 5GS test cases**

*Type: CR For: Agreement  
 34.229-2 v15.7.0 CR-0286 rev 1 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214218)

**Decision:** The document was **agreed**.

**R5-214388 Adding applicabilities for new IMS5GS test cases**

*Type: CR For: Agreement  
 34.229-2 v15.7.0 CR-0287 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

no cl. aff.

empty CR!

**Decision:** The document was **revised to R5-215719**.

**R5-215719 Adding applicabilities for new IMS5GS test cases**

*Type: CR For: Agreement  
 34.229-2 v15.7.0 CR-0287 rev 1 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214388)

**Decision:** The document was **agreed**.

**R5-214556 Update NG.114 capabilities**

*Type: CR For: Agreement  
 34.229-2 v15.7.0 CR-0288 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Discussion:**

cover Rel-16

comments from Rohde & Schwarz.

r2

**Decision:** The document was **revised to R5-215720**.

**R5-215720 Update NG.114 capabilities**

*Type: CR For: Agreement  
 34.229-2 v15.7.0 CR-0288 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces R5-214556)

**Decision:** The document was **agreed**.

**R5-214715 Add NG.114 PS data off**

*Type: CR For: Agreement  
 34.229-2 v15.7.0 CR-0289 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Discussion:**

cover Rel-16

r1

**Decision:** The document was **revised to R5-216209**.

**R5-216209 Add NG.114 PS data off**

*Type: CR For: Agreement  
 34.229-2 v15.7.0 CR-0289 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces R5-214715)

**Decision:** The document was **agreed**.

**R5-214731 Update test case 7.4**

*Type: CR For: Agreement  
 34.229-2 v15.7.0 CR-0290 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Discussion:**

cover Rel-16

r1

**Decision:** The document was **revised to R5-215767**.

**R5-215767 Update test case 7.4**

*Type: CR For: Agreement  
 34.229-2 v15.7.0 CR-0290 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces R5-214731)

**Decision:** The document was **withdrawn**.

**R5-215495 Applicability for new Data Off Test Cases**

*Type: CR For: Agreement  
 34.229-2 v15.7.0 CR-0293 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

##### 6.3.2.9 TS 34.229-3

##### 6.3.2.10 TS 34.229-5

**R5-214205 Corrections to IMS5GS test case 6.4**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0164 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214216 Corrections to IMS over 5GS test case 7.33**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0165 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **withdrawn**.

**R5-214219 Corrections to IMS5GS test case 7.1**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0166 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ, Apple Inc*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216210**.

**R5-216210 Corrections to IMS5GS test case 7.1**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0166 rev 1 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ, Apple Inc*

(Replaces R5-214219)

**Decision:** The document was **agreed**.

**R5-214222 Adding references**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0167 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216211**.

**R5-216211 Adding references**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0167 rev 1 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214222)

**Decision:** The document was **agreed**.

**R5-214223 Corrections to IMS5GS test case 7.24**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0168 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214225 Corrections to IMS5GS Generic Procedures A.7 and A.8**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0169 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214226 Corrections to IMS5GS test case 7.25**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0170 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214314 Corrections to IMS5GS test case 7.21**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0171 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214320 Corrections to IMS5GS test case 7.12**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0172 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **withdrawn**.

**R5-214336 Corrections to IMS5GS test case 7.20**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0173 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216212**.

**R5-216212 Corrections to IMS5GS test case 7.20**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0173 rev 1 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214336)

**Decision:** The document was **agreed**.

**R5-214337 Corrections to IMS5GS test case 7.22**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0174 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216213**.

**R5-216213 Corrections to IMS5GS test case 7.22**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0174 rev 1 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214337)

**Decision:** The document was **agreed**.

**R5-214382 Corrections to IMS5GS test case 7.23**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0175 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216214**.

**R5-216214 Corrections to IMS5GS test case 7.23**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0175 rev 1 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214382)

**Decision:** The document was **agreed**.

**R5-214386 Corrections to IMS5GS Generic Procedure A.15**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0176 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214387 Corrections to IMS5GS Generic Procedure A.16**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0177 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216215**.

**R5-216215 Corrections to IMS5GS Generic Procedure A.16**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0177 rev 1 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214387)

**Decision:** The document was **agreed**.

**R5-214394 Corrections to IMS5GS test case 7.14**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0178 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

withdrawn in favor of R5-214893.

**Decision:** The document was **withdrawn**.

**R5-214428 Corrections to IMS5GS test case 8.30**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0179 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

15.3.0

r1

revised to R5-215721?

**Decision:** The document was **revised to R5-215721**.

**R5-215721 Corrections to IMS5GS test case 8.30**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0179 rev 1 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214428)

**Decision:** The document was **agreed**.

**R5-214442 New generic procedure for activation and de-activation of Supplementary Services**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0180 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214443 New generic procedure for GAA XCAP authentication**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0181 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214444 Corrections to IMS5GS test case 7.27**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0182 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214445 Corrections to IMS5GS test case 7.28**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0183 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214446 Corrections to IMS5GS test case 7.29**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0184 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214447 Corrections to IMS5GS test case 7.30**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0185 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

15.3.0

r1

**Decision:** The document was **revised to R5-215722**.

**R5-215722 Corrections to IMS5GS test case 7.30**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0185 rev 1 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214447)

**Decision:** The document was **agreed**.

**R5-214448 Corrections to IMS5GS test case 7.31**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0186 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216216**.

**R5-216216 Corrections to IMS5GS test case 7.31**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0186 rev 1 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214448)

**Decision:** The document was **agreed**.

**R5-214449 Corrections to IMS5GS test case 7.32**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0187 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216217**.

**R5-216217 Corrections to IMS5GS test case 7.32**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0187 rev 1 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214449)

**Decision:** The document was **agreed**.

**R5-214450 Corrections to IMS over 5GS test case 7.33**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0188 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ, Qualcomm Inc*

**Decision:** The document was **agreed**.

**R5-214451 Corrections to IMS5GS test case 7.34**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0189 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214812 Correction to IMS NR A.5.1-adding conf in SDP**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0190 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-214813 Correction to IMS NR A.14-wrong arrows**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0191 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-214814 Correction to IMS NR 8.31-using generic procedures of creating and leaving a conference**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0192 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216218**.

**R5-216218 Correction to IMS NR 8.31-using generic procedures of creating and leaving a conference**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0192 rev 1 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214814)

**Decision:** The document was **agreed**.

**R5-214815 Correction to IMS NR 8.32-using generic procedures of inviting user to conference**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0193 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-214816 Addition of IMS NR TC 10.2-emergency call with reg-location unavailable**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0194 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216219**.

**R5-216219 Addition of IMS NR TC 10.2-emergency call with reg-location unavailable**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0194 rev 1 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214816)

**Decision:** The document was **agreed**.

**R5-214817 Addition of IMS NR TC 10.3-emergency call with reg-other IMS in parallel**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0195 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216220**.

**R5-216220 Addition of IMS NR TC 10.3-emergency call with reg-other IMS in parallel**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0195 rev 1 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214817)

**Decision:** The document was **agreed**.

**R5-214818 Addition of IMS NR TC 10.11-new emergency reg after new IP**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0196 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

deferred.

r1

**Decision:** The document was **revised to R5-216221**.

**R5-216221 Addition of IMS NR TC 10.11-new emergency reg after new IP**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0196 rev 1 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214818)

**Decision:** The document was **agreed**.

**R5-214819 Addition of IMS NR TC 10.12-uer initiated emergency reg with ongoing dialog**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0197 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216222**.

**R5-216222 Addition of IMS NR TC 10.12-uer initiated emergency reg with ongoing dialog**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0197 rev 1 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214819)

**Decision:** The document was **agreed**.

**R5-214820 Addition of IMS NR TC 10.13-uer initiated emergency reg-initiates a call**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0198 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216223**.

**R5-216223 Addition of IMS NR TC 10.13-uer initiated emergency reg-initiates a call**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0198 rev 1 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214820)

**Decision:** The document was **agreed**.

**R5-214821 Addition of IMS NR generic procedures-leaving a conference**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0199 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-214874 Addition of new 5GS IMS test case 8.27**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0200 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216224**.

**R5-216224 Addition of new 5GS IMS test case 8.27**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0200 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

(Replaces R5-214874)

**Decision:** The document was **agreed**.

**R5-214875 Addition of new 5GS IMS test case 8.29**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0201 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216225**.

**R5-216225 Addition of new 5GS IMS test case 8.29**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0201 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

(Replaces R5-214875)

**Decision:** The document was **agreed**.

**R5-214876 Addition of new 5GS IMS test case 8.33**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0202 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216226**.

**R5-216226 Addition of new 5GS IMS test case 8.33**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0202 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

(Replaces R5-214876)

**Decision:** The document was **agreed**.

**R5-214877 Addition of new 5GS IMS test case 8.35**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0203 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216227**.

**R5-216227 Addition of new 5GS IMS test case 8.35**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0203 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

(Replaces R5-214877)

**Decision:** The document was **agreed**.

**R5-214878 Addition of new 5GS IMS test case 8.37**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0204 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216228**.

**R5-216228 Addition of new 5GS IMS test case 8.37**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0204 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

(Replaces R5-214878)

**Decision:** The document was **agreed**.

**R5-214879 Addition of new 5GS IMS test case 8.40**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0205 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216229**.

**R5-216229 Addition of new 5GS IMS test case 8.40**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0205 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

(Replaces R5-214879)

**Decision:** The document was **agreed**.

**R5-214880 Addition of new 5GS IMS test case 8.41**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0206 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216230**.

**R5-216230 Addition of new 5GS IMS test case 8.41**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0206 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

(Replaces R5-214880)

**Decision:** The document was **agreed**.

**R5-214881 Addition of new 5GS IMS test case 10.14**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0207 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

**Discussion:**

deferred.

r1

**Decision:** The document was **revised to R5-216231**.

**R5-216231 Addition of new 5GS IMS test case 10.14**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0207 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

(Replaces R5-214881)

**Decision:** The document was **agreed**.

**R5-214882 Addition of new 5GS IMS test case 10.15**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0208 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216232**.

**R5-216232 Addition of new 5GS IMS test case 10.15**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0208 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

(Replaces R5-214882)

**Decision:** The document was **agreed**.

**R5-214883 Addition of new 5GS IMS generic procedure A.24**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0209 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216233**.

**R5-216233 Addition of new 5GS IMS generic procedure A.24**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0209 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

(Replaces R5-214883)

**Decision:** The document was **agreed**.

**R5-214884 Addition of new 5GS IMS generic procedure A.25**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0210 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216234**.

**R5-216234 Addition of new 5GS IMS generic procedure A.25**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0210 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

(Replaces R5-214884)

**Decision:** The document was **agreed**.

**R5-214885 Addition of new 5GS IMS generic procedure A.26**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0211 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216235**.

**R5-216235 Addition of new 5GS IMS generic procedure A.26**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0211 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

(Replaces R5-214885)

**Decision:** The document was **agreed**.

**R5-214891 Corrections to Annex A.4.1 of 34.229-5**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0212 Cat: F (Rel-15)  
  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **withdrawn**.

**R5-214892 Corrections to IMS over 5GS TCs 8.1 and 8.18**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0213 Cat: F (Rel-15)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

deferred.

r1

**Decision:** The document was **revised to R5-216236**.

**R5-216236 Corrections to IMS over 5GS TCs 8.1 and 8.18**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0213 rev 1 Cat: F (Rel-15)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-214892)

**Decision:** The document was **agreed**.

**R5-214893 Corrections to IMS over 5GS TC 7.14**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0214 Cat: F (Rel-15)  
  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **agreed**.

**R5-214960 Addition of new IMS over 5GS TC 10.6 Non-UE detectable emergency call / IM CN sends 380 with an Alternative Service / Previous emergency IMS registration not expired / 5GS**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0215 Cat: F (Rel-15)  
  
 Source: Qualcomm communications-France*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216237**.

**R5-216237 Addition of new IMS over 5GS TC 10.6 Non-UE detectable emergency call / IM CN sends 380 with an Alternative Service / Previous emergency IMS registration not expired / 5GS**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0215 rev 1 Cat: F (Rel-15)  
  
 Source: Qualcomm communications-France*

(Replaces R5-214960)

**Decision:** The document was **agreed**.

**R5-215150 Update to Re-Registration test case 6.6**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0218 Cat: F (Rel-15)  
  
 Source: Qualcomm communications-France*

**Discussion:**

Offline comments from MCC TF160 and R&S.

r2

**Decision:** The document was **revised to R5-216238**.

**R5-216238 Update to Re-Registration test case 6.6**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0218 rev 1 Cat: F (Rel-15)  
  
 Source: Qualcomm communications-France*

(Replaces R5-215150)

**Decision:** The document was **agreed**.

**R5-215152 Update test case 7.4**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0219 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Discussion:**

Rel-16

r2

**Decision:** The document was **revised to R5-215723**.

**R5-215723 Update test case 7.4**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0219 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces R5-215152)

**Decision:** The document was **agreed**.

**R5-215162 Update annex A.4.1**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0220 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Discussion:**

Rel-16

r1

**Decision:** The document was **revised to R5-215768**.

**R5-215768 Update annex A.4.1**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0220 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces R5-215162)

**Decision:** The document was **withdrawn**.

**R5-215496 New IMS TC Data Off / MO Video Call / 5GS**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0221 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Discussion:**

r2

TC will be moved to multi-layer section.

**Decision:** The document was **revised to R5-215760**.

**R5-215760 New IMS TC Data Off / MO Video Call / 5GS**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0221 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces R5-215496)

**Decision:** The document was **withdrawn**.

**R5-215497 New IMS TC Data Off / MO Call / 5GS**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0222 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Discussion:**

r2

moved to multilayer section.

**Decision:** The document was **revised to R5-215761**.

**R5-215761 New IMS TC Data Off / MO Call / 5GS**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0222 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces R5-215497)

**Decision:** The document was **withdrawn**.

**R5-215606 Addition of test case 10.4**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0223 Cat: F (Rel-15)  
  
 Source: MediaTek Inc.*

**Discussion:**

deferred.

r2

**Decision:** The document was **revised to R5-216240**.

**R5-216240 Addition of test case 10.4**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0223 rev 1 Cat: F (Rel-15)  
  
 Source: MediaTek Inc.*

(Replaces R5-215606)

**Decision:** The document was **agreed**.

**R5-215611 Addition of test case 10.9**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0224 Cat: F (Rel-15)  
  
 Source: MediaTek Inc.*

**Discussion:**

deferred.

r2

**Decision:** The document was **revised to R5-216241**.

**R5-216241 Addition of test case 10.9**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0224 rev 1 Cat: F (Rel-15)  
  
 Source: MediaTek Inc.*

(Replaces R5-215611)

**Decision:** The document was **agreed**.

**R5-215686 Correction to IMS video call test case 7.15**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0225 Cat: F (Rel-15)  
  
 Source: Keysight Technologies, Qualcomm*

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-216242**.

**R5-216242 Correction to IMS video call test case 7.15**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0225 rev 1 Cat: F (Rel-15)  
  
 Source: Keysight Technologies, Qualcomm*

(Replaces R5-215686)

**Decision:** The document was **agreed**.

**R5-215694 To void the IMS registration test case 6.5**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0226 Cat: F (Rel-15)  
  
 Source: Keysight Technologies UK*

**Abstract:**

consequence of endorsement of proposal 2 of R5-214597

**Discussion:**

late doc

**Decision:** The document was **agreed**.

##### 6.3.2.11 TS 36.508

##### 6.3.2.12 TS 36.509

##### 6.3.2.13 TS 36.523-1

##### 6.3.2.14 TS 36.523-2

##### 6.3.2.15 TS 36.523-3

##### 6.3.2.16 TS 37.571-2

##### 6.3.2.17 TS 37.571-3

##### 6.3.2.18 TS 37.571-4

##### 6.3.2.19 TS 37.571-5

##### 6.3.2.20 Discussion Papers, Work Plan, TC lists

**R5-214220 On the wording of precondition configuration**

*Type: discussion For: Discussion  
 Source: Rohde & Schwarz, MediaTek, Huawei, Hisilicon*

**Discussion:**

Proposals a & b endorsed. 'c' is for further discussion

**Decision:** The document was **noted**.

**R5-214555 NG.114 annex C**

*Type: discussion For: Endorsement  
 Source: Ericsson*

**Discussion:**

Proposals endorsed in principle, implementation to be reviewed in CRs

**Decision:** The document was **noted**.

**R5-214597 Discussion on the removal of IMSo5G test case 6.5 from 34.229-5**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK, Rohde and Schwarz*

**Discussion:**

r1

RAN5 Chair: Late tdoc request from Keysight to submit a CR based on the endorsed outcome can be assigned.

**Decision:** The document was **revised to R5-215700**.

**R5-215700 Discussion on the removal of IMSo5G test case 6.5 from 34.229-5**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK, Rohde and Schwarz*

(Replaces R5-214597)

**Decision:** The document was **noted**.

**R5-214696 NG.114 PS data off**

*Type: discussion For: Endorsement  
 Source: Ericsson*

**Discussion:**

Meeting agreed to add test coverage for the 3GPP PS data off feature. Details on whether IMS or NAS or both has to be discussed and agreed among sub rapporteurs. NG.114. must be taken into account as well.

**Decision:** The document was **noted**.

**R5-214730 NG.114 URSP**

*Type: discussion For: Endorsement  
 Source: Ericsson*

**Discussion:**

Meeting agreed to add test coverage for URSP, details to be worked out

**Decision:** The document was **noted**.

**R5-215405 URSP and SST**

*Type: discussion For: Endorsement  
 Source: Ericsson*

**Discussion:**

Meeting agreed to add SST value 3 (MIoT) in TS 38.508-1 , usage part is unclear

**Decision:** The document was **noted**.

#### 6.3.3 Rel-15 CA configurations (UID - 770064) LTE\_CA\_R15-UEConTest

##### 6.3.3.1 TS 36.508

##### 6.3.3.2 TS 36.523-1

##### 6.3.3.3 TS 36.523-2

##### 6.3.3.4 TS 36.523-3

##### 6.3.3.5 Discussion Papers, Work Plan, TC lists

#### 6.3.4 Rel-16 LTE CA configurations (UID - 810061) LTE\_CA\_R16-UEConTest

##### 6.3.4.1 TS 36.508

##### 6.3.4.2 TS 36.523-1

##### 6.3.4.3 TS 36.523-2

##### 6.3.4.4 TS 36.523-3

##### 6.3.4.5 Discussion Papers, Work Plan, TC lists

#### 6.3.5 Enhancing LTE CA Utilization (UID - 820066) LTE\_euCA-UEConTest

##### 6.3.5.1 TS 36.508

##### 6.3.5.2 TS 36.523-1

##### 6.3.5.3 TS 36.523-2

##### 6.3.5.4 Discussion Papers, Work Plan, TC lists

#### 6.3.6 REL-16 NR CA and DC; and NR and LTE DC Configurations (UID-830083) NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest

##### 6.3.6.1 TS 38.508-1

**R5-214853 Introduction of test frequencies for CA\_n48B and protocol testing**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1989 Cat: F (Rel-17)  
  
 Source: Ericsson, Dish Network, Verizon*

**Decision:** The document was **agreed**.

**R5-214886 Correction of test frequencies for CA\_n66B for protocol testing**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1991 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216243**.

**R5-216243 Correction of test frequencies for CA\_n66B for protocol testing**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1991 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-214886)

**Decision:** The document was **agreed**.

**R5-214930 Correction of test frequencies for CA\_n66(2A) for protocol testing**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1995 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-214959 Correction of test frequencies for CA\_n66(2A) for protocol testing**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1998 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

##### 6.3.6.2 TS 38.508-2

##### 6.3.6.3 TS 38.523-1

##### 6.3.6.4 TS 38.523-2

##### 6.3.6.5 TS 38.523-3

##### 6.3.6.6 Discussion Papers, Work Plan, TC lists

#### 6.3.7 New Rel-16 NR bands and extension of existing NR bands (UID - 850062) NR\_bands\_BW\_R16-UEConTest

##### 6.3.7.1 TS 38.508-1

**R5-214611 Correction of default test frequencies for band n48 and protocol testing**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1970 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

##### 6.3.7.2 TS 38.508-2

##### 6.3.7.3 TS 38.523-3

##### 6.3.7.4 Discussion Papers, Work Plan, TC lists

#### 6.3.8 Further NB-IoT enhancements (UID – 860031) NB\_IOTenh2-UEConTest

##### 6.3.8.1 TS 36.508

**R5-214976 Addition of NB-IoT common configuration of System Information Block 23**

*Type: CR For: Agreement  
 36.508 v16.9.0 CR-1370 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Decision:** The document was **agreed**.

##### 6.3.8.2 TS 36.509

##### 6.3.8.3 TS 36.523-1

**R5-214517 Update NB-IoT test case 22.2.4 for TDD**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5030 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Decision:** The document was **agreed**.

**R5-214518 Update NB-IoT test case 22.2.5 for TDD**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5031 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Decision:** The document was **agreed**.

**R5-215042 Update NB-IoT test case 22.2.9 for TDD**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5040 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Decision:** The document was **agreed**.

**R5-215044 Addition of new NB-IoT test case for NB-IoT / RACH Procedure / Non-anchor carrier / Preamble format 2**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5041 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Discussion:**

B

r1

**Decision:** The document was **revised to R5-215724**.

**R5-215724 Addition of new NB-IoT test case for NB-IoT / RACH Procedure / Non-anchor carrier / Preamble format 2**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5041 rev 1 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

(Replaces R5-215044)

**Decision:** The document was **agreed**.

**R5-215050 Update NB-IoT test case 22.3.1.1 for TDD**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5042 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Decision:** The document was **agreed**.

**R5-215053 Update NB-IoT test case 22.3.1.6 and 22.3.1.6a for TDD**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5043 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Decision:** The document was **agreed**.

**R5-215054 Update NB-IoT test case 22.3.1.7 for TDD**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5044 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Decision:** The document was **agreed**.

**R5-215118 Update NB-IoT test case 22.3.1.8 for TDD**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5045 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Decision:** The document was **agreed**.

**R5-215120 Correction to NB-IoT test case 22.3.2.8**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5046 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Decision:** The document was **agreed**.

**R5-215124 Update NB-IoT test case 22.4.1 for TDD**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5047 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216245**.

**R5-216245 Update NB-IoT test case 22.4.1 for TDD**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5047 rev 1 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

(Replaces R5-215124)

**Decision:** The document was **agreed**.

**R5-215125 Update NB-IoT test case 22.4.4 for TDD**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5048 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Decision:** The document was **agreed**.

**R5-215126 Update NB-IoT test case 22.4.5 for TDD**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5049 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Decision:** The document was **agreed**.

**R5-215127 Update NB-IoT test case 22.4.6 for TDD**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5050 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Decision:** The document was **agreed**.

**R5-215155 Update NB-IoT test case 22.4.8 for TDD**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5052 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Decision:** The document was **agreed**.

**R5-215156 Update NB-IoT test case 22.4.9 for TDD**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5053 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Decision:** The document was **agreed**.

**R5-215157 Update NB-IoT test case 22.4.26 for TDD**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5054 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Decision:** The document was **agreed**.

**R5-215158 Update NB-IoT test case 22.4.13 for Rel-15**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5055 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216246**.

**R5-216246 Update NB-IoT test case 22.4.13 for Rel-15**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5055 rev 1 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

(Replaces R5-215158)

**Decision:** The document was **agreed**.

**R5-215159 Update NB-IoT test case 22.5.8 for TDD**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5056 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216247**.

**R5-216247 Update NB-IoT test case 22.5.8 for TDD**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5056 rev 1 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

(Replaces R5-215159)

**Decision:** The document was **agreed**.

##### 6.3.8.4 TS 36.523-2

**R5-214516 Update applicability for NB-IoT R15 (FDD/TDD) test cases**

*Type: CR For: Agreement  
 36.523-2 v16.9.0 CR-1352 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Decision:** The document was **agreed**.

##### 6.3.8.5 TS 36.523-3

##### 6.3.8.6 Discussion Papers, Work Plan, TC lists

#### 6.3.9 Even further enhanced MTC for LTE (UID – 860032) LTE\_eMTC4-UEConTest

##### 6.3.9.1 TS 36.508

##### 6.3.9.2 TS 36.509

##### 6.3.9.3 TS 36.523-1

**R5-214459 Update Test Cases 8.1.1.8 and 8.1.1.9 to specify PowerBoost for WUS configuration**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5029 Cat: F (Rel-16)  
  
 Source: Tech Mahindra Limited*

**Decision:** The document was **agreed**.

##### 6.3.9.4 TS 36.523-2

##### 6.3.9.5 TS 36.523-3

##### 6.3.9.6 Discussion Papers, Work Plan, TC lists

#### 6.3.10 RF requirements for NR frequency range 1 (FR1) (UID-870061) NR\_RF\_FR1-UEConTest

##### 6.3.10.1 TS 38.508-1

##### 6.3.10.2 TS 38.508-2

##### 6.3.10.3 TS 38.523-1

##### 6.3.10.4 TS 38.523-2

##### 6.3.10.5 TS 38.523-3

##### 6.3.10.6 Discussion Papers, Work Plan, TC lists

#### 6.3.11 Even Further Mobility Enhancement for E-UTRAN (UID – 880066) LTE\_feMob-UEConTest

##### 6.3.11.1 TS 36.508

##### 6.3.11.2 TS 36.523-1

**R5-214217 Update test case 7.3.5.6**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5026 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216248**.

**R5-216248 Update test case 7.3.5.6**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5026 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-214217)

**Decision:** The document was **agreed**.

**R5-214535 Add new TC 8.2.4.30.4 Inter Frequency DAPS handover**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5032 Cat: F (Rel-16)  
  
 Source: China Telecom*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216249**.

**R5-216249 Add new TC 8.2.4.30.4 Inter Frequency DAPS handover**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5032 rev 1 Cat: F (Rel-16)  
  
 Source: China Telecom*

(Replaces R5-214535)

**Decision:** The document was **agreed**.

**R5-214537 Update on TC 8.2.4.30.1 intra-frequency DAPS handover**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5033 Cat: F (Rel-16)  
  
 Source: China Telecom*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216250**.

**R5-216250 Update on TC 8.2.4.30.1 intra-frequency DAPS handover**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5033 rev 1 Cat: F (Rel-16)  
  
 Source: China Telecom*

(Replaces R5-214537)

**Decision:** The document was **agreed**.

**R5-214799 Addition of LTE TC 8.2.4.31.3-Conditional handover Failure**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5035 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216251**.

**R5-216251 Addition of LTE TC 8.2.4.31.3-Conditional handover Failure**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5035 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214799)

**Decision:** The document was **agreed**.

**R5-214867 Addition of new test case 8.2.4.30.2**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5036 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216252**.

**R5-216252 Addition of new test case 8.2.4.30.2**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5036 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-214867)

**Decision:** The document was **agreed**.

**R5-214868 Addition of new test case 8.2.4.30.3**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5037 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216253**.

**R5-216253 Addition of new test case 8.2.4.30.3**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5037 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-214868)

**Decision:** The document was **agreed**.

**R5-214869 Addition of new test case 8.2.4.30.5**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5038 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216254**.

**R5-216254 Addition of new test case 8.2.4.30.5**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5038 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-214869)

**Decision:** The document was **agreed**.

**R5-214870 Addition of new test case 8.2.4.30.6**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5039 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216255**.

**R5-216255 Addition of new test case 8.2.4.30.6**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5039 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-214870)

**Decision:** The document was **agreed**.

##### 6.3.11.3 TS 36.523-2

**R5-214536 Correction on applicability for DAPS inter frequency handover**

*Type: CR For: Agreement  
 36.523-2 v16.9.0 CR-1353 Cat: F (Rel-16)  
  
 Source: China Telecom*

**Decision:** The document was **agreed**.

**R5-214871 Addition of applicability for new TCs 8.2.4.30.2, 8.2.4.30.3, 8.2.4.30.5 and 8.2.4.30.6**

*Type: CR For: Agreement  
 36.523-2 v16.9.0 CR-1355 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Decision:** The document was **agreed**.

**R5-215260 Correction to applicability for LTE feMob**

*Type: CR For: Agreement  
 36.523-2 v16.9.0 CR-1359 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

##### 6.3.11.4 TS 36.523-3

##### 6.3.11.5 Discussion Papers, Work Plan, TC lists

#### 6.3.12 Support of NR Industrial Internet of Things (IoT) (UID-880067) NR\_IioT-UEConTest

##### 6.3.12.1 TS 38.508-1

**R5-215498 Introduction of MIoT SST**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2022 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216256**.

**R5-216256 Introduction of MIoT SST**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2022 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-215498)

**Decision:** The document was **agreed**.

##### 6.3.12.2 TS 38.508-2

**R5-214570 Introduction of common implementation conformance statements for Multi configured uplink grants in NR IIoT**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0223 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216257**.

**R5-216257 Introduction of common implementation conformance statements for Multi configured uplink grants in NR IIoT**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0223 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-214570)

**Decision:** The document was **agreed**.

**R5-215505 Addition of PIC for MIoT SST**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0253 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

WIC changed to NR\_IioT-UEConTest.

**Decision:** The document was **revised to R5-216258**.

**R5-216258 Addition of PIC for MIoT SST**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0253 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-215505)

**Decision:** The document was **agreed**.

##### 6.3.12.3 TS 38.523-1

**R5-214208 Addition of new test case 7.1.1.6.5 for Multi configured uplink grants in NR IIoT**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2279 Cat: F (Rel-16)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

**R5-215697 Update of RRC messages for MAC TC 7.1.1.3.11**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2463 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Abstract:**

reissued from R5-214702 because of title change

**Decision:** The document was **agreed**.

**R5-215576 Modification of testcase 7.1.3.5.7 Ethernet header compression and decompression / Correct functionality of ethernet header compression and decompression**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2451 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Modification of testcase for ethernet header compression and decompression for NR relies on changes in R5-215575.

**Decision:** The document was **withdrawn**.

##### 6.3.12.4 TS 38.523-2

**R5-214209 Applicability statement for new test case for Multi configured uplink grants in NR IIoT**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0156 Cat: F (Rel-16)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

##### 6.3.12.5 TS 38.523-3

##### 6.3.12.6 TS 36.508

##### 6.3.12.7 TS 36.523-1

##### 6.3.12.8 TS 36.523-2

##### 6.3.12.9 TS 36.523-3

##### 6.3.12.10 Discussion Papers, Work Plan, TC lists

**R5-215575 Modification of test loop mode B for ethernet header compression for NR**

*Type: CR For: Agreement  
 38.509 v16.1.0 CR-0046 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

wrong 5GS AI!

CR impact tick box for ME shall be set and none of the other tick boxes for UICC apps, RAN or CN shall be set for TS 38.509.

RAN5 Chair: as per the latest approved WID for NR\_IioT-UEConTest in RP-200757 TS 38.509 is not an impacted spec, hence RAN5 and RAN cannot handle CR to TS 38.509 under this WI.

Withdrawn.

**Decision:** The document was **withdrawn**.

#### 6.3.13 NR Mobility Enhancements (UID-880068) NR\_Mob\_enh-UEConTest

##### 6.3.13.1 TS 38.508-1

##### 6.3.13.2 TS 38.508-2

**R5-215205 Add UE capability for NR MobEnh**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0240 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

merged to R5-215003.

**Decision:** The document was **withdrawn**.

##### 6.3.13.3 TS 38.523-1

**R5-214791 Correction to NR TC 7.1.3.4.3-DAPS handover L2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2376 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216259**.

**R5-216259 Correction to NR TC 7.1.3.4.3-DAPS handover L2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2376 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214791)

**Decision:** The document was **agreed**.

**R5-214792 Correction to NR TC 8.1.4.3.1-DAPS handover Success**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2377 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216260**.

**R5-216260 Correction to NR TC 8.1.4.3.1-DAPS handover Success**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2377 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214792)

**Decision:** The document was **agreed**.

**R5-214793 Addition of NR TC 8.1.4.3.2-DAPS handover Success RLF in source**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2378 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216261**.

**R5-216261 Addition of NR TC 8.1.4.3.2-DAPS handover Success RLF in source**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2378 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214793)

**Decision:** The document was **agreed**.

**R5-214794 Addition of NR TC 8.1.4.3.3-DAPS handover Failure RLF in source**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2379 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **withdrawn**.

**R5-214795 Addition of NR TC 8.2.3.17.1-Conditional PSCell change Success**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2380 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

reissued as R5-215677 because of TC nr. change.

**Decision:** The document was **withdrawn**.

**R5-215677 Addition of NR TC 8.2.3.18.1-Conditional PSCell change Success**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2457 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

reissued from R5-214795 because of TC nr. change.

**Discussion:**

late doc

**Decision:** The document was **agreed**.

##### 6.3.13.4 TS 38.523-2

**R5-214796 Correction to applicability for NR MobEnh**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0167 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216262**.

**R5-216262 Correction to applicability for NR MobEnh**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0167 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214796)

**Decision:** The document was **agreed**.

##### 6.3.13.5 TS 38.523-3

##### 6.3.13.6 Discussion Papers, Work Plan, TC lists

#### 6.3.14 5G V2X with NR sidelink (UID-880069) 5G\_V2X\_NRSL\_eV2XARC-UEConTest

##### 6.3.14.1 TS 38.508-1

**R5-214800 Correction to IEs for UE policy part**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1979 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-214801 Correction to IEs for V2XP info**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1980 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216263**.

**R5-216263 Correction to IEs for V2XP info**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1980 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214801)

**Decision:** The document was **agreed**.

**R5-214802 Correction to IEs for Served by E-UTRA or served by NR**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1981 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216264**.

**R5-216264 Correction to IEs for Served by E-UTRA or served by NR**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1981 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214802)

**Decision:** The document was **agreed**.

**R5-214803 Correction to IEs for Not served by E-UTRA and not served by NR**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1982 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216265**.

**R5-216265 Correction to IEs for Not served by E-UTRA and not served by NR**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1982 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214803)

**Decision:** The document was **agreed**.

**R5-214804 Correction to IEs for V2X service identifier to PC5 RAT and Tx profiles mapping rules**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1983 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216266**.

**R5-216266 Correction to IEs for V2X service identifier to PC5 RAT and Tx profiles mapping rules**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1983 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214804)

**Decision:** The document was **agreed**.

**R5-214805 Correction to IEs for Privacy config**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1984 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216267**.

**R5-216267 Correction to IEs for Privacy config**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1984 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214805)

**Decision:** The document was **agreed**.

**R5-214806 Correction to IEs for V2X communication over PC5 in E-UTRA-PC5**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1985 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216268**.

**R5-216268 Correction to IEs for V2X communication over PC5 in E-UTRA-PC5**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1985 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214806)

**Decision:** The document was **agreed**.

**R5-214807 Correction to IEs for V2X communication over PC5 in NR-PC5**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1986 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216269**.

**R5-216269 Correction to IEs for V2X communication over PC5 in NR-PC5**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1986 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214807)

**Decision:** The document was **agreed**.

**R5-214808 Correction to NR V2X USIM configuration**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1987 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-214809 Correction to UE Policy Delivery msg**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1988 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216270**.

**R5-216270 Correction to UE Policy Delivery msg**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1988 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214809)

**Decision:** The document was **agreed**.

**R5-215499 Introduction of V2X SST**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2023 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

##### 6.3.14.2 TS 38.508-2

**R5-215135 Addition of capability for NR Sidelink Transmission Mode 2**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0236 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-215506 Addition of PIC for V2X SST**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0254 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

WIC changed to 5G\_V2X\_NRSL\_eV2XARC-UEConTest.

**Decision:** The document was **revised to R5-216271**.

**R5-216271 Addition of PIC for V2X SST**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0254 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-215506)

**Decision:** The document was **agreed**.

##### 6.3.14.3 TS 38.509

##### 6.3.14.4 TS 38.523-1

##### 6.3.14.5 TS 38.523-2

##### 6.3.14.6 TS 38.523-3

##### 6.3.14.7 TS 36.509

##### 6.3.14.8 Discussion Papers, Work Plan, TC lists

#### 6.3.15 Enhancements on MIMO for NR (UID-880070) NR\_eMIMO-UEConTest

##### 6.3.15.1 TS 38.508-1

##### 6.3.15.2 TS 38.508-2

##### 6.3.15.3 TS 38.523-1

##### 6.3.15.4 TS 38.523-2

##### 6.3.15.5 TS 38.523-3

##### 6.3.15.6 Discussion Papers, Work Plan, TC lists

#### 6.3.16 UE Power Saving in NR (UID-880071) NR\_UE\_pow\_sav-UEConTest

##### 6.3.16.1 TS 38.508-1

##### 6.3.16.2 TS 38.508-2

**R5-215161 Addition of PICS for Rel-16 release preference assistance information**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0237 Cat: F (Rel-17)  
  
 Source: Qualcomm Finland RFFE Oy*

**Decision:** The document was **agreed**.

##### 6.3.16.3 TS 38.509

##### 6.3.16.4 TS 38.523-1

**R5-214757 Addition of NR5G Power saving TC 8.1.5.10.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2347 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216272**.

**R5-216272 Addition of NR5G Power saving TC 8.1.5.10.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2347 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-214757)

**Decision:** The document was **agreed**.

##### 6.3.16.5 TS 38.523-2

**R5-214758 Addition of applicability NR5G Power saving TC 8.1.5.10.1**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0165 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **agreed**.

##### 6.3.16.6 TS 38.523-3

##### 6.3.16.7 Discussion Papers, Work Plan, TC lists

#### 6.3.17 Private Network Support for NG-RAN (UID-880072) NG\_RAN\_PRN\_Vertical\_LAN-UEConTest

##### 6.3.17.1 TS 38.508-1

**R5-214900 Editorial Updates to Clause. 4.4.3.1.2 for System information combination**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1992 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies,*

**Decision:** The document was **agreed**.

##### 6.3.17.2 TS 38.508-2

##### 6.3.17.3 TS 38.523-1

**R5-214740 Addition of Rel-16 SNPN TC 9.1.10.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2333 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

S-NPN!

reissued as R5-215670 because of wrong TC nr.

**Decision:** The document was **withdrawn**.

**R5-215670 Addition of Rel-16 SNPN TC 9.1.11.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2454 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Abstract:**

reissued from R5-214740 because of wrong TC nr.

**Discussion:**

r1

**Decision:** The document was **revised to R5-216273**.

**R5-216273 Addition of Rel-16 SNPN TC 9.1.11.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2454 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-215670)

**Decision:** The document was **agreed**.

**R5-214741 Addition of Rel-16 SNPN TC 9.1.10.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2334 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **withdrawn**.

**R5-214746 Update of Rel-16 NPN TC 6.5.2.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2338 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **agreed**.

**R5-214747 Update of Rel-16 NPN TC 6.5.2.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2339 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **agreed**.

**R5-214894 Editorial Updates to NR5G NPN TC 6.5.1.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2402 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **agreed**.

**R5-214895 Updates to NR5G NPN TC 6.5.1.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2403 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

was Rel-17 in 3GU.

r1!!

**Decision:** The document was **agreed**.

**R5-215280 Addition of Rel-16 SNPN TC 9.1.11.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2436 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

reissued as R5-215671 because of wrong TC nr.

**Decision:** The document was **withdrawn**.

**R5-215671 Addition of Rel-16 SNPN TC 9.1.10.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2455 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Abstract:**

reissued from R5-215280 because of wrong TC nr.

**Decision:** The document was **agreed**.

##### 6.3.17.4 TS 38.523-2

**R5-214748 Addition of applicability for NPN test cases**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0164 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216274**.

**R5-216274 Addition of applicability for NPN test cases**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0164 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-214748)

**Decision:** The document was **agreed**.

##### 6.3.17.5 TS 38.523-3

##### 6.3.17.6 Discussion Papers, Work Plan, TC lists

**R5-214736 Discussion paper for Rel-15 NR Tests Applicability on SNPN Only UE**

*Type: discussion For: Discussion  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

"LATE DOCUMENT

Companies are requested to provide feedback"

**Decision:** The document was **noted**.

#### 6.3.18 Optimisations on UE radio capability signalling – NR/E-UTRA Aspects (UID-880073) RACS-UEConTest

##### 6.3.18.1 TS 38.508-1

##### 6.3.18.2 TS 38.508-2

##### 6.3.18.3 TS 38.509

**R5-214743 Addition of predefined UE capability container for test function Set UL Message - NR**

*Type: CR For: Agreement  
 38.509 v16.1.0 CR-0044 Cat: B (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

late doc

r2

**Decision:** The document was **revised to R5-216275**.

**R5-216275 Addition of predefined UE capability container for test function Set UL Message - NR**

*Type: CR For: Agreement  
 38.509 v16.1.0 CR-0044 rev 1 Cat: B (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-214743)

**Decision:** The document was **agreed**.

##### 6.3.18.4 TS 38.523-1

**R5-214460 Update Test Case 8.1.5.1.1 to allow segmentation of UE Capability Information**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2294 Cat: F (Rel-16)  
  
 Source: Tech Mahindra Limited*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216276**.

**R5-216276 Update Test Case 8.1.5.1.1 to allow segmentation of UE Capability Information**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2294 rev 1 Cat: F (Rel-16)  
  
 Source: Tech Mahindra Limited*

(Replaces R5-214460)

**Decision:** The document was **agreed**.

**R5-214461 Modification of the TC 8.2.1.1.1 to allow uplink segmentation for Rel-16 RACS**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2295 Cat: F (Rel-16)  
  
 Source: Tech Mahindra Limited*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216277**.

**R5-216277 Modification of the TC 8.2.1.1.1 to allow uplink segmentation for Rel-16 RACS**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2295 rev 1 Cat: F (Rel-16)  
  
 Source: Tech Mahindra Limited*

(Replaces R5-214461)

**Decision:** The document was **agreed**.

**R5-214744 Updates to Rel-16 RACS RRC TC 8.1.5.9.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2336 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216278**.

**R5-216278 Updates to Rel-16 RACS RRC TC 8.1.5.9.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2336 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-214744)

**Decision:** The document was **agreed**.

**R5-214745 Updates to Rel-16 RACS TC 9.1.9.5**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2337 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216279**.

**R5-216279 Updates to Rel-16 RACS TC 9.1.9.5**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2337 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-214745)

**Decision:** The document was **agreed**.

##### 6.3.18.5 TS 38.523-2

##### 6.3.18.6 TS 38.523-3

##### 6.3.18.7 TS 36.508

**R5-215123 Updates to default contents of NAS messages for RACS**

*Type: CR For: Agreement  
 36.508 v16.9.0 CR-1372 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216280**.

**R5-216280 Updates to default contents of NAS messages for RACS**

*Type: CR For: Agreement  
 36.508 v16.9.0 CR-1372 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

(Replaces R5-215123)

**Decision:** The document was **agreed**.

##### 6.3.18.8 TS 36.509

##### 6.3.18.9 TS 36.523-1

**R5-215139 Addition of Rel-16 RACS RRC test case 8.5.5.1**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5051 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216281**.

**R5-216281 Addition of Rel-16 RACS RRC test case 8.5.5.1**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5051 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

(Replaces R5-215139)

**Decision:** The document was **agreed**.

##### 6.3.18.10 TS 36.523-2

**R5-215140 Applicability updates for Rel-16 RACS RRC test cases**

*Type: CR For: Agreement  
 36.523-2 v16.9.0 CR-1357 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

**Decision:** The document was **agreed**.

##### 6.3.18.11 TS 36.523-3

##### 6.3.18.12 Discussion Papers, Work Plan, TC lists

#### 6.3.19 Enhancements for Mission Critical Services MCPTT, MCData and MCVideo (UID – 890042) MCenhUEConTest

##### 6.3.19.1 TS 36.579-1

**R5-215602 Addition of MIKEY-SAKKE I\_MESSAGE Table 5.5.9.1-1A CSK download sent by the SS**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0185 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216282**.

**R5-216282 Addition of MIKEY-SAKKE I\_MESSAGE Table 5.5.9.1-1A CSK download sent by the SS**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0185 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-215602)

**Decision:** The document was **agreed**.

##### 6.3.19.2 TS 36.579-2

**R5-215600 Addition of MCPTT Test Case 5.6 Configuration / Download CSK**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0207 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216283**.

**R5-216283 Addition of MCPTT Test Case 5.6 Configuration / Download CSK**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0207 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-215600)

**Decision:** The document was **agreed**.

**R5-215601 Addition of MCPTT Test Case 5.7 Configuration / Subscription to group dynamic data / De-subscribe**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0208 Cat: F (Rel-15)  
  
 Source: NIST*

**Decision:** The document was **agreed**.

##### 6.3.19.3 TS 36.579-3

##### 6.3.19.4 TS 36.579-4

##### 6.3.19.5 TS 36.579-5

##### 6.3.19.6 TS 36.579-6

**R5-215599 Addition of MCVideo Test Case 6.1.2.5 On-network / On-demand Pre-arranged Group Call / Emergency Group Call / Client Originated (CO)**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0030 Cat: F (Rel-15)  
  
 Source: NIST*

**Decision:** The document was **agreed**.

##### 6.3.19.7 TS 36.579-7

##### 6.3.19.8 Discussion Papers, Work Plan, TC lists

#### 6.3.20 SON (Self-Organising Networks) and MDT (Minimization of Drive Tests) support for NR (UID-890043) NR\_SON\_MDT-UEConTest

##### 6.3.20.1 TS 38.508-1

**R5-214728 Corrections to UEInformationRequest and UEInformationResponse**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1975 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214866 Update default message contents of LoggedMeasurementConfiguration**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1990 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

wrong WIC NR\_ENDC\_SON\_MDT\_enh in 3GU. And Rel+ver!

r3

**Decision:** The document was **revised to R5-216284**.

**R5-216284 Update default message contents of LoggedMeasurementConfiguration**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1990 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-214866)

**Decision:** The document was **agreed**.

##### 6.3.20.2 TS 38.508-2

##### 6.3.20.3 TS 38.509

##### 6.3.20.4 TS 38.523-1

**R5-214210 Addition of new test case 8.1.6.2.1 for Immediate MDT in Inter-RAT MDT**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2280 Cat: F (Rel-16)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216285**.

**R5-216285 Addition of new test case 8.1.6.2.1 for Immediate MDT in Inter-RAT MDT**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2280 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC*

(Replaces R5-214210)

**Decision:** The document was **agreed**.

**R5-214211 Addition of new test case 8.1.6.2.2 for Logged MDT in Inter-RAT MDT**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2281 Cat: F (Rel-16)  
  
 Source: CMCC*

**Discussion:**

spec!

r1

**Decision:** The document was **revised to R5-216286**.

**R5-216286 Addition of new test case 8.1.6.2.2 for Logged MDT in Inter-RAT MDT**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2281 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC*

(Replaces R5-214211)

**Decision:** The document was **agreed**.

**R5-214212 Addition of new test case 8.1.6.2.3 for Radio Link Failure in Inter-RAT MDT**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2282 Cat: F (Rel-16)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216287**.

**R5-216287 Addition of new test case 8.1.6.2.3 for Radio Link Failure in Inter-RAT MDT**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2282 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC*

(Replaces R5-214212)

**Decision:** The document was **agreed**.

**R5-214213 Addition of new test case 8.1.6.2.4 for Connection Establishment Failure in Inter-RAT MDT**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2283 Cat: F (Rel-16)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216288**.

**R5-216288 Addition of new test case 8.1.6.2.4 for Connection Establishment Failure in Inter-RAT MDT**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2283 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC*

(Replaces R5-214213)

**Decision:** The document was **agreed**.

**R5-214512 Editorial changes of the title for subclause 8.1.6.3.2 and 8.1.6.3.3 in Inter-System MDT**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2296 Cat: F (Rel-16)  
  
 Source: CMCC*

**Abstract:**

Editorial

**Decision:** The document was **agreed**.

**R5-214549 Update of MDT TC 8.1.6.1.3.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2299 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216289**.

**R5-216289 Update of MDT TC 8.1.6.1.3.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2299 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-214549)

**Decision:** The document was **agreed**.

**R5-214550 Update of MDT TC 8.1.6.1.3.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2300 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-214551 Update of MDT TC 8.1.6.1.3.3**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2301 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216290**.

**R5-216290 Update of MDT TC 8.1.6.1.3.3**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2301 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-214551)

**Decision:** The document was **agreed**.

**R5-214697 Update of MDT TC 8.1.6.1.3.4**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2318 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216291**.

**R5-216291 Update of MDT TC 8.1.6.1.3.4**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2318 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-214697)

**Decision:** The document was **agreed**.

**R5-214698 Update of MDT TC 8.1.6.1.3.5**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2319 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-214699 Update of MDT TC 8.1.6.1.3.6**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2320 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216292**.

**R5-216292 Update of MDT TC 8.1.6.1.3.6**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2320 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-214699)

**Decision:** The document was **agreed**.

**R5-214700 Update of MDT TC 8.1.6.1.3.7**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2321 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

merged into the revision of R5-214824.

**Decision:** The document was **withdrawn**.

**R5-214756 Correction to MDT TC 8.1.6.1.1.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2346 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **agreed**.

**R5-214824 Correction to NR TC 8.1.6.1.3.7-PLMN list**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2381 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, Mediatek*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216293**.

**R5-216293 Correction to NR TC 8.1.6.1.3.7-PLMN list**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2381 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, Mediatek*

(Replaces R5-214824)

**Decision:** The document was **agreed**.

**R5-214825 Correction to MDT NR TC 8.1.6.3.1.3-inter system immediate-sensor**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2382 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

eliminate the overlapping issues with R5-214512.

r1

**Decision:** The document was **revised to R5-216294**.

**R5-216294 Correction to MDT NR TC 8.1.6.3.1.3-inter system immediate-sensor**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2382 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214825)

**Decision:** The document was **agreed**.

**R5-214826 Correction to MDT NR TC 8.1.6.1.4.5-CEF location info**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2383 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

merged to R5-215443.

**Decision:** The document was **withdrawn**.

**R5-214827 Correction to MDT NR TC 8.1.6.1.4.6-CEF Intra-Freq measurements**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2384 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216295**.

**R5-216295 Correction to MDT NR TC 8.1.6.1.4.6-CEF Intra-Freq measurements**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2384 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214827)

**Decision:** The document was **agreed**.

**R5-214828 Addition of MDT NR TC 8.1.6.3.4.1-Inter System\_CEF\_bluetooth**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2385 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

eliminate the overlapping issues with R5-214512.

r2

**Decision:** The document was **revised to R5-216296**.

**R5-216296 Addition of MDT NR TC 8.1.6.3.4.1-Inter System\_CEF\_bluetooth**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2385 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-214828)

**Decision:** The document was **agreed**.

**R5-214829 Addition of MDT NR TC 8.1.6.3.4.2-Inter System\_CEF\_wlan**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2386 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-214830 Addition of MDT NR TC 8.1.6.3.4.3-Inter System\_CEF\_sensor**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2387 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-214855 Update of MDT test case 8.1.6.1.2.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2389 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

wrong WIC NR\_ENDC\_SON\_MDT\_enh in 3GU.

r1

**Decision:** The document was **revised to R5-216297**.

**R5-216297 Update of MDT test case 8.1.6.1.2.1**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2389 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-214855)

**Decision:** The document was **agreed**.

**R5-214856 Update of MDT test case 8.1.6.1.2.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2390 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

wrong WIC NR\_ENDC\_SON\_MDT\_enh in 3GU.

r1

**Decision:** The document was **revised to R5-216298**.

**R5-216298 Update of MDT test case 8.1.6.1.2.2**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2390 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-214856)

**Decision:** The document was **agreed**.

**R5-214857 Update of MDT test case 8.1.6.1.2.3**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2391 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

wrong WIC NR\_ENDC\_SON\_MDT\_enh in 3GU.

r1

**Decision:** The document was **revised to R5-216299**.

**R5-216299 Update of MDT test case 8.1.6.1.2.3**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2391 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-214857)

**Decision:** The document was **agreed**.

**R5-214858 Update of MDT test case 8.1.6.1.2.4**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2392 Cat: F (Rel-16)  
  
 Source: ZTE Corporation, TDIA, CATT*

**Discussion:**

wrong WIC NR\_ENDC\_SON\_MDT\_enh in 3GU.

r1

changes in R5-214971 have been merged to it.

r3

**Decision:** The document was **revised to R5-216300**.

**R5-216300 Update of MDT test case 8.1.6.1.2.4**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2392 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation, TDIA, CATT*

(Replaces R5-214858)

**Decision:** The document was **agreed**.

**R5-214859 Update of MDT test case 8.1.6.1.2.5**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2393 Cat: F (Rel-16)  
  
 Source: ZTE Corporation, TDIA, CATT*

**Discussion:**

wrong WIC NR\_ENDC\_SON\_MDT\_enh in 3GU.

r1

**Decision:** The document was **revised to R5-216301**.

**R5-216301 Update of MDT test case 8.1.6.1.2.5**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2393 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation, TDIA, CATT*

(Replaces R5-214859)

**Decision:** The document was **agreed**.

**R5-214860 Update of MDT test case 8.1.6.1.2.6**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2394 Cat: F (Rel-16)  
  
 Source: ZTE Corporation, TDIA, CATT*

**Discussion:**

wrong WIC NR\_ENDC\_SON\_MDT\_enh in 3GU.

r1

**Decision:** The document was **revised to R5-216302**.

**R5-216302 Update of MDT test case 8.1.6.1.2.6**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2394 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation, TDIA, CATT*

(Replaces R5-214860)

**Decision:** The document was **agreed**.

**R5-214861 Update of MDT test case 8.1.6.1.2.7**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2395 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

wrong WIC NR\_ENDC\_SON\_MDT\_enh in 3GU.

r1

**Decision:** The document was **revised to R5-216303**.

**R5-216303 Update of MDT test case 8.1.6.1.2.7**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2395 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-214861)

**Decision:** The document was **agreed**.

**R5-214862 Update of MDT test case 8.1.6.1.2.8**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2396 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

wrong WIC NR\_ENDC\_SON\_MDT\_enh in 3GU.

merged to TDIA, CATT CR R5-214966.

**Decision:** The document was **withdrawn**.

**R5-214863 Update of MDT test case 8.1.6.1.2.9**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2397 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

wrong WIC NR\_ENDC\_SON\_MDT\_enh in 3GU.

r1

**Decision:** The document was **revised to R5-216304**.

**R5-216304 Update of MDT test case 8.1.6.1.2.9**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2397 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-214863)

**Decision:** The document was **agreed**.

**R5-214864 Update of MDT test case 8.1.6.1.2.10**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2398 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

wrong WIC NR\_ENDC\_SON\_MDT\_enh in 3GU.

r1

**Decision:** The document was **revised to R5-216305**.

**R5-216305 Update of MDT test case 8.1.6.1.2.10**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2398 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-214864)

**Decision:** The document was **agreed**.

**R5-214865 Update of MDT test case 8.1.6.1.2.11**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2399 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

wrong WIC NR\_ENDC\_SON\_MDT\_enh in 3GU.

r1

**Decision:** The document was **revised to R5-216306**.

**R5-216306 Update of MDT test case 8.1.6.1.2.11**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2399 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-214865)

**Decision:** The document was **agreed**.

**R5-214943 Correction to MDT TC 8.1.6.1.4.3**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2411 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216307**.

**R5-216307 Correction to MDT TC 8.1.6.1.4.3**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2411 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-214943)

**Decision:** The document was **agreed**.

**R5-214966 Correction to MDT test case 8.1.6.1.2.8**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2415 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216308**.

**R5-216308 Correction to MDT test case 8.1.6.1.2.8**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2415 rev 1 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

(Replaces R5-214966)

**Decision:** The document was **agreed**.

**R5-214968 Correction to MDT test case 8.1.6.1.2.12**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2416 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216309**.

**R5-216309 Correction to MDT test case 8.1.6.1.2.12**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2416 rev 1 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

(Replaces R5-214968)

**Decision:** The document was **agreed**.

**R5-214969 Correction to MDT test case 8.1.6.1.2.13**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2417 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216310**.

**R5-216310 Correction to MDT test case 8.1.6.1.2.13**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2417 rev 1 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

(Replaces R5-214969)

**Decision:** The document was **agreed**.

**R5-214971 Update of MDT test case 8.1.6.1.2.4**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2418 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Decision:** The document was **withdrawn**.

**R5-214972 Update of MDT test case 8.1.6.1.2.5**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2419 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Discussion:**

merged in R5-214859r1.

**Decision:** The document was **withdrawn**.

**R5-214974 Update of MDT test case 8.1.6.1.2.6**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2420 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Discussion:**

merged in R5-214860r1

**Decision:** The document was **withdrawn**.

**R5-215441 Correction of MDT Test Case 8.1.6.1.4.1 and 8.1.6.1.4.4**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2443 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216311**.

**R5-216311 Correction of MDT Test Case 8.1.6.1.4.1 and 8.1.6.1.4.4**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2443 rev 1 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

(Replaces R5-215441)

**Decision:** The document was **agreed**.

**R5-215442 Correction of MDT Test Case 8.1.6.1.4.2 and 8.1.6.1.4.3**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2444 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216312**.

**R5-216312 Correction of MDT Test Case 8.1.6.1.4.2 and 8.1.6.1.4.3**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2444 rev 1 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

(Replaces R5-215442)

**Decision:** The document was **agreed**.

**R5-215443 Correction of MDT Test Case 8.1.6.1.4.5**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2445 Cat: F (Rel-16)  
  
 Source: TDIA, CATT, Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216313**.

**R5-216313 Correction of MDT Test Case 8.1.6.1.4.5**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2445 rev 1 Cat: F (Rel-16)  
  
 Source: TDIA, CATT, Huawei, Hisilicon*

(Replaces R5-215443)

**Decision:** The document was **agreed**.

**R5-215444 Correction of MDT Test Case 8.1.6.1.4.6 and 8.1.6.1.4.7**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2446 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216314**.

**R5-216314 Correction of MDT Test Case 8.1.6.1.4.6 and 8.1.6.1.4.7**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2446 rev 1 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

(Replaces R5-215444)

**Decision:** The document was **agreed**.

**R5-215681 Corrections to Rel-16 MDT TC 8.1.6.1.4.4**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2459 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Keysight Technologies, Anritsu Ltd.*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

##### 6.3.20.5 TS 38.523-2

**R5-214214 Applicability statement for new test cases for Inter-RAT MDT**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0157 Cat: F (Rel-16)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

**R5-214513 Update of applicability statement and conditions for the test cases in NR MDT**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0160 Cat: F (Rel-16)  
  
 Source: CMCC*

**Discussion:**

overlap with R5-215160.

r1

**Decision:** The document was **revised to R5-216315**.

**R5-216315 Update of applicability statement and conditions for the test cases in NR MDT**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0160 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC*

(Replaces R5-214513)

**Decision:** The document was **agreed**.

**R5-214831 Correction to NR MDT Applicability**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0168 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-215160 Correction to applicability for MDT Test cases**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0171 Cat: F (Rel-16)  
  
 Source: Qualcomm Finland RFFE Oy*

**Decision:** The document was **agreed**.

##### 6.3.20.6 TS 38.523-3

##### 6.3.20.7 Discussion Papers, Work Plan, TC lists

#### 6.3.21 B1C Signal in BDS Positioning System Support for LTE and NR (UID-890045) B1C\_BDS\_pos\_UEConTest

##### 6.3.21.1 TS 37.571-2

##### 6.3.21.2 TS 37.571-3

##### 6.3.21.3 TS 37.571-4

##### 6.3.21.4 TS 37.571-5

##### 6.3.21.5 Discussion Papers, Work Plan, TC lists

#### 6.3.22 Single Radio Voice Call Continuity from 5G to 3G (UID-890046) SRVCC\_NR\_to\_UMTS-UEConTest

##### 6.3.22.1 TS 38.508-1

##### 6.3.22.2 TS 38.508-2

##### 6.3.22.3 TS 38.523-1

**R5-215168 Correction to test case 11.2.1 5G-SRVCC from NG-RAN to 3GPP UTRAN**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2428 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216316**.

**R5-216316 Correction to test case 11.2.1 5G-SRVCC from NG-RAN to 3GPP UTRAN**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2428 rev 1 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

(Replaces R5-215168)

**Decision:** The document was **agreed**.

##### 6.3.22.4 TS 38.523-2

##### 6.3.22.5 TS 38.523-3

**R5-214621 Addition of NR/UTRAN Inter-RAT Test Model**

*Type: CR For: Agreement  
 38.523-3 v16.2.0 CR-1857 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

##### 6.3.22.6 Discussion Papers, Work Plan, TC lists

#### 6.3.23 Additional LTE bands for UE category M1 and/or NB1 in Rel-16 (UID – 900052) LTE\_bands\_R16\_M1\_NB1-UEConTest

##### 6.3.23.1 TS 36.508

##### 6.3.23.2 TS 36.523-2

##### 6.3.23.3 TS 36.523-3

##### 6.3.23.4 Discussion Papers, Work Plan, TC lists

#### 6.3.24 Additional LTE bands for UE category M2 and/or NB2 in Rel-16 (UID – 900053) LTE\_bands\_R16\_M2\_NB2-UEConTest

##### 6.3.24.1 TS 36.508

##### 6.3.24.2 TS 36.523-2

##### 6.3.24.3 TS 36.523-3

##### 6.3.24.4 Discussion Papers, Work Plan, TC lists

#### 6.3.25 Physical Layer Enhancements for NR Ultra-Reliable and Low Latency Communication (URLLC) (UID-900054) NR\_L1enh\_URLLC-UEConTest

##### 6.3.25.1 TS 38.508-1

##### 6.3.25.2 TS 38.508-2

**R5-214934 Introduce PICS for NR URLLC**

*Type: CR For: Agreement  
 38.508-2 v17.1.0 CR-0227 Cat: F (Rel-17)  
  
 Source: Lenovo and Motorola Mobility*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

##### 6.3.25.3 TS 38.523-1

**R5-214932 New UL TBS MAC test Case for NR URLLC**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2408 Cat: F (Rel-16)  
  
 Source: Lenovo and Motorola Mobility*

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-216317**.

**R5-216317 New UL TBS MAC test Case for NR URLLC**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2408 rev 1 Cat: F (Rel-16)  
  
 Source: Lenovo and Motorola Mobility*

(Replaces R5-214932)

**Decision:** The document was **agreed**.

**R5-214933 Addition of New DL MAC NR URLLC Test Case**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2409 Cat: F (Rel-16)  
  
 Source: Lenovo and Motorola Mobility*

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-216318**.

**R5-216318 Addition of New DL MAC NR URLLC Test Case**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2409 rev 1 Cat: F (Rel-16)  
  
 Source: Lenovo and Motorola Mobility*

(Replaces R5-214933)

**Decision:** The document was **agreed**.

**R5-214936 Correction to NR URLLC Test Case**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2410 Cat: F (Rel-16)  
  
 Source: Lenovo and Motorola Mobility*

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-216319**.

**R5-216319 Correction to NR URLLC Test Case**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2410 rev 1 Cat: F (Rel-16)  
  
 Source: Lenovo and Motorola Mobility*

(Replaces R5-214936)

**Decision:** The document was **agreed**.

##### 6.3.25.4 TS 38.523-2

**R5-214931 Adding applicability for new NR URLLC test cases**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0170 Cat: F (Rel-16)  
  
 Source: Lenovo and Motorola Mobility*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

##### 6.3.25.5 TS 38.523-3

##### 6.3.25.6 Discussion Papers, Work Plan, TC lists

#### 6.3.26 New Rel-17 NR licensed bands and extension of existing NR bands (UID - 900055) NR\_lic\_bands\_BW\_R17-UEConTest

##### 6.3.26.1 TS 38.508-1

**R5-215192 Introduction of signalling test frequencies for n24 and n99**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2011 Cat: B (Rel-17)  
  
 Source: Ligado Networks, Ericsson*

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set

r3

**Decision:** The document was **revised to R5-216320**.

**R5-216320 Introduction of signalling test frequencies for n24 and n99**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2011 rev 1 Cat: B (Rel-17)  
  
 Source: Ligado Networks, Ericsson*

(Replaces R5-215192)

**Decision:** The document was **agreed**.

**R5-215309 Adding signalling test frequencies for SUL band n97**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2013 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

RF test frequencies for n97 is introduced in R5-215308

**Discussion:**

r1

**Decision:** The document was **revised to R5-216321**.

**R5-216321 Adding signalling test frequencies for SUL band n97**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2013 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-215309)

**Decision:** The document was **agreed**.

##### 6.3.26.2 TS 38.508-2

##### 6.3.26.3 TS 38.523-3

**R5-215605 Introduction of n24**

*Type: CR For: Agreement  
 38.523-3 v16.2.0 CR-1866 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Rel-17 WIC will trigger a spec upgrade

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set

r2

**Decision:** The document was **revised to R5-215725**.

**R5-215725 Introduction of n24**

*Type: CR For: Agreement  
 38.523-3 v16.2.0 CR-1866 rev 1 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215605)

**Discussion:**

parts -1 and -2 will stay on Rel-16. TF160 manager confirmed.

**Decision:** The document was **agreed**.

##### 6.3.26.4 Discussion Papers, Work Plan, TC lists

#### 6.3.27 Rel-17 NR CA and DC; and NR and LTE DC Configurations (UID-900056) NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest

##### 6.3.27.1 TS 38.508-1

**R5-214929 Introduction of test frequencies for CA\_n71(2A) for protocol testing**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1994 Cat: F (Rel-17)  
  
 Source: Ericsson, Dish Network*

**Decision:** The document was **agreed**.

##### 6.3.27.2 TS 38.508-2

##### 6.3.27.3 TS 38.523-1

##### 6.3.27.4 TS 38.523-2

##### 6.3.27.5 TS 38.523-3

##### 6.3.27.6 Discussion Papers, Work Plan, TC lists

#### 6.3.28 NR Positioning Support (UID-900057) NR\_pos-UEConTest

##### 6.3.28.1 TS 38.508-1

##### 6.3.28.2 TS 38.508-2

##### 6.3.28.3 TS 37.571-2

**R5-214561 Correction to NR positioning method information in Position Capability Transfer test case**

*Type: CR For: Agreement  
 37.571-2 v16.8.0 CR-0147 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216322**.

**R5-216322 Correction to NR positioning method information in Position Capability Transfer test case**

*Type: CR For: Agreement  
 37.571-2 v16.8.0 CR-0147 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-214561)

**Decision:** The document was **agreed**.

**R5-214562 Addition of assistance data information elements for Multi-RTT, DL-AoD and DL-TDOA positioning methods**

*Type: CR For: Agreement  
 37.571-2 v16.8.0 CR-0148 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216323**.

**R5-216323 Addition of assistance data information elements for Multi-RTT, DL-AoD and DL-TDOA positioning methods**

*Type: CR For: Agreement  
 37.571-2 v16.8.0 CR-0148 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-214562)

**Decision:** The document was **agreed**.

**R5-215556 Clarification text on LCS Sub-Test Cases**

*Type: CR For: Agreement  
 37.571-2 v16.8.0 CR-0150 Cat: F (Rel-16)  
  
 Source: Apple Gesellschaft*

**Abstract:**

Adding applicability in all cases, independently UE supported positiioning

**Discussion:**

cover issues.

**Decision:** The document was **withdrawn**.

**R5-215616 Clarification text on LCS Sub-Test Cases**

*Type: CR For: Agreement  
 37.571-2 v16.8.0 CR-0151 Cat: F (Rel-16)  
  
 Source: Apple Gesellschaft*

**Abstract:**

Adding applicability in all cases, independently UE supported positiioning

**Decision:** The document was **agreed**.

##### 6.3.28.4 TS 37.571-3

**R5-214564 Correction to the definetions of NR Rel 16 positioning meithod related PICS**

*Type: CR For: Agreement  
 37.571-3 v16.8.0 CR-0143 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216324**.

**R5-216324 Correction to the definetions of NR Rel 16 positioning meithod related PICS**

*Type: CR For: Agreement  
 37.571-3 v16.8.0 CR-0143 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-214564)

**Decision:** The document was **agreed**.

##### 6.3.28.5 TS 37.571-4

##### 6.3.28.6 TS 37.571-5

##### 6.3.28.7 Discussion Papers, Work Plan, TC lists

#### 6.3.29 Enhancement of Network Slicing (UID-910099) eNS-UEConTest

##### 6.3.29.1 TS 38.508-1

##### 6.3.29.2 TS 38.508-2

##### 6.3.29.3 TS 38.509

##### 6.3.29.4 TS 38.523-1

**R5-215240 Addition of new test case 9.1.10.1 for R16 eNS**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2433 Cat: F (Rel-16)  
  
 Source: CMCC, Rohde & Schwarz, MCC TF160*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216325**.

**R5-216325 Addition of new test case 9.1.10.1 for R16 eNS**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2433 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC, Rohde & Schwarz, MCC TF160*

(Replaces R5-215240)

**Decision:** The document was **agreed**.

**R5-215241 Addition of new test case 9.1.10.6 for R16 eNS**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2434 Cat: F (Rel-16)  
  
 Source: CMCC, Rohde & Schwarz, MCC TF160*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216326**.

**R5-216326 Addition of new test case 9.1.10.6 for R16 eNS**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2434 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC, Rohde & Schwarz, MCC TF160*

(Replaces R5-215241)

**Decision:** The document was **agreed**.

##### 6.3.29.5 TS 38.523-2

**R5-215242 Addition of applicability for eNS test case 9.1.10.1 and 9.1.10.6**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0172 Cat: F (Rel-16)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

##### 6.3.29.6 TS 38.523-3

##### 6.3.29.7 Discussion Papers, Work Plan, TC lists

#### 6.3.30 2-step RACH for NR (UID-911001) NR\_2step\_RACH-UEConTest

##### 6.3.30.1 TS 38.508-1

##### 6.3.30.2 TS 38.508-2

##### 6.3.30.3 TS 38.523-1

**R5-214872 Addition of new NR 2-step RACH test case 7.1.1.1.10**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2400 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Decision:** The document was **agreed**.

**R5-214946 Addition of new NR 2-step RACH test case 7.1.1.1.9**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2414 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-215578 Resubmission of New MAC test case on 2-Step RACH**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2452 Cat: F (Rel-16)  
  
 Source: ETSI (Lenovo, Motorola Mobility)*

**Abstract:**

This is a resubmission of R5-193185 CR 2262 rev - approved at RAN5#91 but not implemented by mistake.

**Decision:** The document was **agreed**.

**R5-215579 Resubmission of New MAC test case on 2-Step RACH Explicitly signalled**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2453 Cat: F (Rel-16)  
  
 Source: ETSI (Lenovo, Motorola Mobility))*

**Abstract:**

This is a resubmission of R5-193186 CR 2263 rev - approved at RAN5#91 but not implemented by mistake.

**Decision:** The document was **agreed**.

##### 6.3.30.4 TS 38.523-2

**R5-214873 Addition of applicability for new NR 2-step RACH test cases**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0169 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Decision:** The document was **agreed**.

##### 6.3.30.5 TS 38.523-3

##### 6.3.30.6 Discussion Papers, Work Plan, TC lists

#### 6.3.31 Support of eCall over IMS for NR (UID-911002) NR\_EIEI-UEConTest

##### 6.3.31.1 TS 38.508-1

**R5-214964 Default message content update for NR EIEI**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2000 Cat: F (Rel-17)  
  
 Source: Qualcomm communications-France*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216327**.

**R5-216327 Default message content update for NR EIEI**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2000 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm communications-France*

(Replaces R5-214964)

**Decision:** The document was **agreed**.

**R5-214965 Generic procedure for eCall over IMS establishment in 5GS Normal Service**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2001 Cat: F (Rel-17)  
  
 Source: Qualcomm communications-France*

**Discussion:**

r2

had been pre-allocated R5-215726, but then discarded.

**Decision:** The document was **revised to R5-216328**.

**R5-216328 Generic procedure for eCall over IMS establishment in 5GS Normal Service**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2001 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm communications-France*

(Replaces R5-214965)

**Decision:** The document was **agreed**.

**R5-214967 USIM configuration for NR EIEI**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2002 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

TF160 manager: formatting issues.

r1

**Decision:** The document was **revised to R5-216329**.

**R5-216329 USIM configuration for NR EIEI**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-2002 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-214967)

**Decision:** The document was **agreed**.

##### 6.3.31.2 TS 38.508-2

##### 6.3.31.3 TS 38.523-1

##### 6.3.31.4 TS 38.523-2

##### 6.3.31.5 TS 38.523-3

##### 6.3.31.6 TS 34.229-1

##### 6.3.31.7 TS 34.229-2

**R5-214975 Applicability updates for NR EIEI test case 11.1**

*Type: CR For: Agreement  
 34.229-2 v15.7.0 CR-0291 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

**Discussion:**

NR\_EIEI is Rel-16!

Triggers a Rel-16 upgrade.

r4

**Decision:** The document was **revised to R5-216330**.

**R5-216330 Applicability updates for NR EIEI test case 11.1**

*Type: CR For: Agreement  
 34.229-2 v15.7.0 CR-0291 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

(Replaces R5-214975)

**Decision:** The document was **agreed**.

##### 6.3.31.8 TS 34.229-3

##### 6.3.31.9 TS 34.229-5

**R5-214970 Generic test procedure for eCall setup and MSD Update in 5GS**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0216 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

**Discussion:**

NR\_EIEI is Rel-16!

Triggers a Rel-16 upgrade.

r1

**Decision:** The document was **revised to R5-216331**.

**R5-216331 Generic test procedure for eCall setup and MSD Update in 5GS**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0216 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

(Replaces R5-214970)

**Decision:** The document was **agreed**.

**R5-214973 Addition of new IMS over 5GS TC 11.1 eCall over IMS / Manual initiation / Normal registration / Emergency registration / Success / 200 OK with ACK / 5GS**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0217 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

**Discussion:**

NR\_EIEI is Rel-16!

Triggers a Rel-16 upgrade.

r4

**Decision:** The document was **revised to R5-216332**.

**R5-216332 Addition of new IMS over 5GS TC 11.1 eCall over IMS / Manual initiation / Normal registration / Emergency registration / Success / 200 OK with ACK / 5GS**

*Type: CR For: Agreement  
 34.229-5 v15.4.0 CR-0217 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

(Replaces R5-214973)

**Decision:** The document was **agreed**.

##### 6.3.31.10 Discussion Papers, Work Plan, TC lists

#### 6.3.32 NR-based access to unlicensed spectrum (UID-911003) NR\_unlic-UEConTest

##### 6.3.32.1 TS 38.508-1

##### 6.3.32.2 TS 38.508-2

##### 6.3.32.3 TS 38.509

##### 6.3.32.4 TS 38.523-1

##### 6.3.32.5 TS 38.523-2

##### 6.3.32.6 TS 38.523-3

##### 6.3.32.7 Discussion Papers, Work Plan, TC lists

#### 6.3.33 LTE-NR & NR-NR Dual Connectivity and NR CA enhancements (UID-911004) LTE\_NR\_DC\_CA\_enh-UEConTest

##### 6.3.33.1 TS 38.508-1

##### 6.3.33.2 TS 38.508-2

##### 6.3.33.3 TS 38.523-1

**R5-214390 Add test case 8.1.1.4.4**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2284 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-214391 Add test case 8.1.1.4.5**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2285 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-214392 Add test case 8.1.1.4.6**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2286 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-214433 Add test case 8.1.1.4.7**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2289 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-214434 Add test case 8.1.1.4.8**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2290 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-214435 Add test case 8.1.1.4.9**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2291 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

##### 6.3.33.4 TS 38.523-2

**R5-214514 Add applicabilities for test cases 8.1.1.4.4, 8.1.1.4.5 and 8.1.1.4.6**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0161 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

r1

TF160: title does not match contents!

r2

**Decision:** The document was **revised to R5-216333**.

**R5-216333 Add applicabilities for test cases 8.1.1.4.4, 8.1.1.4.5 and 8.1.1.4.6**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0161 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-214514)

**Decision:** The document was **agreed**.

**R5-214515 Add applicabilities for test cases 8.1.1.4.7, 8.1.1.4.8 and 8.1.1.4.9**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0162 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

details are merged into R5-214514r1.

withdrawn.

reopened in week #2.

r2

**Decision:** The document was **revised to R5-216334**.

**R5-216334 Add applicabilities for test cases 8.1.1.4.7, 8.1.1.4.8 and 8.1.1.4.9**

*Type: CR For: Agreement  
 38.523-2 v16.8.0 CR-0162 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-214515)

**Decision:** The document was **agreed**.

##### 6.3.33.5 TS 38.523-3

##### 6.3.33.6 Discussion Papers, Work Plan, TC lists

#### 6.3.34 Modification of LTE Band 24 Specifications to comply with updated regulatory emission limit) (UID-920067) LTE\_B24\_mod-UEConTest

##### 6.3.34.1 TS 36.508

**R5-215175 Updates to signalling test frequencies for LTE band 24**

*Type: CR For: Agreement  
 36.508 v16.9.0 CR-1374 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Band 24 specifications in TS 36.101 were modified as a result of regulatory update triggering updates to conformance specifications

the Rel-17 WIC will trigger a spec upgrade

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set for TS 36.508

r2

**Decision:** The document was **revised to R5-216335**.

**R5-216335 Updates to signalling test frequencies for LTE band 24**

*Type: CR For: Agreement  
 36.508 v16.9.0 CR-1374 rev 1 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215175)

**Decision:** The document was **agreed**.

##### 6.3.34.2 TS 36.523-2

##### 6.3.34.3 TS 36.523-3

**R5-215176 Updates to guidelines on test execution for LTE Band 24**

*Type: CR For: Agreement  
 36.523-3 v16.9.0 CR-4638 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Band 24 specifications in TS 36.101 were modified as a result of regulatory updates requiring changes to to conformance specifications;

the Rel-17 WIC will trigger a spec upgrade

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set for TS 36.508

r2

**Decision:** The document was **revised to R5-216336**.

**R5-216336 Updates to guidelines on test execution for LTE Band 24**

*Type: CR For: Agreement  
 36.523-3 v16.9.0 CR-4638 rev 1 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-215176)

**Decision:** The document was **agreed**.

##### 6.3.34.4 Discussion Papers, Work Plan, TC lists

#### 6.3.35 29 dBm UE Power Class for LTE Band 41 and NR Band n41 (UID-920068) LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest

##### 6.3.35.1 TS 38.523-1

##### 6.3.35.2 TS 38.523-2

##### 6.3.35.3 Discussion Papers, Work Plan, TC lists

### 6.4 Routine Maintenance for TS 38 Series TEIx\_Test

#### 6.4.1 TS 38.508-1

**R5-214622 Editorial updates to test procedure titles**

*Type: CR For: Agreement  
 38.508-1 v17.1.0 CR-1971 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

#### 6.4.2 TS 38.508-2

#### 6.4.3 TS 38.509

#### 6.4.4 TS 38.523-1

##### 6.4.4.1 Clauses 1 - 5

##### 6.4.4.2 Idle Mode (Clause 6)

##### 6.4.4.3 Layer 2

###### 6.4.4.3.1 NR Layer 2

6.4.4.3.1.1 Common Test Case Specific Values for Layer 2 (Clause 7.1.0)

6.4.4.3.1.2 MAC

6.4.4.3.1.3 RLC

6.4.4.3.1.4 PDCP

6.4.4.3.1.5 SDAP

##### 6.4.4.4 RRC

###### 6.4.4.4.1 NR RRC

6.4.4.4.1.1 RRC Connection Management Procedures (clause 8.1.1)

6.4.4.4.1.2 RRC Reconfiguration (clause 8.1.2)

6.4.4.4.1.3 RRC Measurement Configuration Control and Reporting (clause 8.1.3)

6.4.4.4.1.4 RRC Handover (clause 8.1.4)

6.4.4.4.1.5 RRC Others (clause 8.1.5)

###### 6.4.4.4.2 MR-DC RRC

6.4.4.4.2.1 RRC UE Capability / Others (clause 8.2.1)

6.4.4.4.2.2 RRC Radio Bearer (clause 8.2.2)

6.4.4.4.2.3 RRC Measurement / Handovers (clause 8.2.3)

6.4.4.4.2.4 RRC Carrier Aggregation (clause 8.2.4)

6.4.4.4.2.5 RRC Reconfiguration / Radio Link Failure (clause 8.2.5)

6.4.4.4.2.6 RRC Others (clause 8.2.6)

##### 6.4.4.5 5GS Mobility Management

###### 6.4.4.5.1 MM Primary authentication and key agreement (clause 9.1.1)

###### 6.4.4.5.2 MM Security mode control, Identification & Generic UE configuration update (clauses 9.1.2, 9.1.3 & 9.1.4)

###### 6.4.4.5.3 MM Registration & De-registration (clauses 9.1.5 & 9.1.6)

###### 6.4.4.5.4 MM Service Request (clause 9.1.7)

###### 6.4.4.5.5 MM SMS Over NAS (clause 9.1.8)

##### 6.4.4.6 5GS Non-3GPP Access Mobility Management (clause 9.2)

##### 6.4.4.7 5GS Inter-system Mobility (clause 9.3)

##### 6.4.4.8 5GS Session Management

###### 6.4.4.8.1 SM PDU session authentication and authorization (clause 10.1.1)

###### 6.4.4.8.2 SM Network-requested PDU session modification & release (clauses 10.1.2 & 10.1.3)

###### 6.4.4.8.3 SM UE-requested PDU session establishment, modification & release (clauses 10.1.4, 10.1.5 & 10.1.6)

##### 6.4.4.9 EN-DC Session Management (clause 10.2)

##### 6.4.4.10 5GS Non-3GPP Access Session Management (clause 10.3)

##### 6.4.4.11 5GS Multilayer and Services

###### 6.4.4.11.1 EPS Fallback

**R5-214708 Update of TP for EPSFB TC 11.1.8**

*Type: CR For: Agreement  
 38.523-1 v16.8.0 CR-2329 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

###### 6.4.4.11.2 RAT Fallback

###### 6.4.4.11.3 Unified Access Control (UAC)

###### 6.4.4.11.4 Emergency Services

#### 6.4.5 TS 38.523-2

#### 6.4.6 TS 38.523-3

#### 6.4.7 Discussion Papers, Work Plan, TC lists

**R5-214836 TS 38.523-1 Tracker status before RAN5-92e**

*Type: other For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-215613 Discussion paper on RRC DL segmentation test method**

*Type: discussion For: Decision  
 Source: MediaTek Inc.*

**Discussion:**

"Discussions ongoing, option 2 may not be the way forward

Agenda Allocation was changed: [6.3.2.20]->[6.4.7].

Cannot conclude on either options further investigations required "

**Decision:** The document was **noted**.

### 6.5 Routine Maintenance for TS 36 Series TEIx\_Test

#### 6.5.1 Routine Maintenance for TS 36.508

**R5-214623 Update to generic procedure 4.5A.5 for IMS Emergency call establishment in EUTRA: Limited Service**

*Type: CR For: Agreement  
 36.508 v16.9.0 CR-1368 Cat: F (Rel-16)  
  
 Source: MCC TF160, Qualcomm*

**Decision:** The document was **agreed**.

#### 6.5.2 Routine Maintenance for TS 36.509

#### 6.5.3 Routine Maintenance for TS 36.523-1

##### 6.5.3.1 Idle Mode

**R5-215690 Correction to LTE Idle mode TC 6.1.2.13 for CAT-M1**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5057 Cat: F (Rel-16)  
  
 Source: ANRITSU LTD*

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-216337**.

**R5-216337 Correction to LTE Idle mode TC 6.1.2.13 for CAT-M1**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5057 rev 1 Cat: F (Rel-16)  
  
 Source: ANRITSU LTD*

(Replaces R5-215690)

**Decision:** The document was **agreed**.

##### 6.5.3.2 Layer 2

###### 6.5.3.2.1 MAC

###### 6.5.3.2.2 RLC

**R5-214438 Correction to LTE testcase 7.2.2.8**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5027 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

###### 6.5.3.2.3 PDCP

##### 6.5.3.3 RRC

###### 6.5.3.3.1 RRC Part 1 (clauses 8.1 and 8.5)

###### 6.5.3.3.2 RRC Part 2 (clause 8.2),

###### 6.5.3.3.3 RRC Part 3 (clause 8.3)

###### 6.5.3.3.4 Inter-RAT (clauses 8.4 & 8.4A)

###### 6.5.3.3.5 RRC LTE MDT (clause 8.6)

**R5-214585 Correction to EUTRA RRC test case 8.6.4.5**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5034 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Decision:** The document was **agreed**.

###### 6.5.3.3.6 RRC ANR for UTRAN (clause 8.7)

##### 6.5.3.4 EPS Mobility Management

##### 6.5.3.5 EPS Session Management

##### 6.5.3.6 General Tests

##### 6.5.3.7 Interoperability Radio Bearers

##### 6.5.3.8 Multilayer Procedures

##### 6.5.3.9 PWS - ETWS, CMAS

##### 6.5.3.10 Non-3GPP

##### 6.5.3.11 Others (TS 36.523-1 clauses not covered by other AIs under AI 6.5.3, e.g. eMBMS, Home (e)NB, MBMS in LTE, D2D, SC-PTM, NB-IoT, CIoT...)

**R5-214439 Correction to NBIOT testcase 22.5.21**

*Type: CR For: Agreement  
 36.523-1 v16.9.0 CR-5028 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

#### 6.5.4 Routine Maintenance for TS 36.523-2

**R5-214403 Aligning PICS usage for IMS emergency calls**

*Type: CR For: Agreement  
 36.523-2 v16.9.0 CR-1351 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

Rel-15 on cover

r1

**Decision:** The document was **revised to R5-215727**.

**R5-215727 Aligning PICS usage for IMS emergency calls**

*Type: CR For: Agreement  
 36.523-2 v16.9.0 CR-1351 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-214403)

**Decision:** The document was **withdrawn**.

**R5-214552 Resubmission of Correction to applicability of test case 9.2.1.1.28**

*Type: CR For: Agreement  
 36.523-2 v16.9.0 CR-1354 Cat: F (Rel-16)  
  
 Source: ETSI MCC (Rohde&Schwarz)*

**Abstract:**

This is a resubmission of R5-194242 CR 1268 rev - approved at RAN5#83 but not implemented by mistake.

**Decision:** The document was **agreed**.

**R5-215117 Applicability updates to EIEI test cases**

*Type: CR For: Agreement  
 36.523-2 v16.9.0 CR-1356 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

**Abstract:**

Based on the outcome of discussion paper R5-215051. To be uploaded if early implementation proposal is endorsed.

**Discussion:**

late doc

**Decision:** The document was **agreed**.

**R5-215147 Update to applicability condition of NB-IoT test case 22.5.20**

*Type: CR For: Agreement  
 36.523-2 v16.9.0 CR-1358 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

**Discussion:**

a lot of NB-IOT TDD (Release 15) changes are happening in CATT’ s CR (4516).

**Decision:** The document was **withdrawn**.

#### 6.5.5 Routine Maintenance for TS 36.523-3

**R5-215401 Routine maintenance for TS 36.523-3**

*Type: CR For: Agreement  
 36.523-3 v16.9.0 CR-4639 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

#### 6.5.6 Discussion Papers, Work Plan, TC lists

**R5-214835 TS 36.523-1 Tracker status before RAN5-92e**

*Type: other For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

### 6.6 Other Maintenance TEIx\_Test

#### 6.6.1 Routine Maintenance for TDD (HCR & LCR)

##### 6.6.1.1 TS 34.108

##### 6.6.1.2 TS 34.123-1

##### 6.6.1.3 TS 34.123-2

##### 6.6.1.4 TS 34.123-3

##### 6.6.1.5 Discussion Papers, Work Plan, TC list & CR summary

#### 6.6.2 Routine Maintenance for TS 34.108

#### 6.6.3 Routine Maintenance for TS 34.109

#### 6.6.4 Routine Maintenance for TS 34.123

##### 6.6.4.1 TS 34.123-1

##### 6.6.4.2 TS 34.123-2

##### 6.6.4.3 TS 34.123-3

#### 6.6.5 Discussion Papers, Work Plan, TC lists

#### 6.6.6 Routine Maintenance for TS 34.229

##### 6.6.6.1 TS 34.229-1

**R5-214215 Corrections to LTE IMS test case 22.7**

*Type: CR For: Agreement  
 34.229-1 v15.8.0 CR-1465 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214531 Correction to Generic Procedure A.2.1 on MO INVITE for 100rel**

*Type: CR For: Agreement  
 34.229-1 v15.8.0 CR-1466 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214553 Correction to LTE IMS test case 22.7**

*Type: CR For: Agreement  
 34.229-1 v15.8.0 CR-1467 Cat: F (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-214822 Correction to IMS LTE C.9-stop or resume sending media**

*Type: CR For: Agreement  
 34.229-1 v15.8.0 CR-1469 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-214823 Correction to IMS LTE TC 19.4.2-allowing emergency registration**

*Type: CR For: Agreement  
 34.229-1 v15.8.0 CR-1470 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

deferred.

R5-214623 deals with the issue.

**Decision:** The document was **withdrawn**.

**R5-214963 Correction of EIEI test cases 21.5 and 21.6**

*Type: CR For: Agreement  
 34.229-1 v15.8.0 CR-1471 Cat: F (Rel-15)  
  
 Source: Qualcomm communications-France*

**Decision:** The document was **withdrawn**.

**R5-215148 Correction of EIEI test cases 21.5 and 21.6**

*Type: CR For: Agreement  
 34.229-1 v15.8.0 CR-1472 Cat: F (Rel-15)  
  
 Source: Qualcomm communications-France*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216338**.

**R5-216338 Correction of EIEI test cases 21.5 and 21.6**

*Type: CR For: Agreement  
 34.229-1 v15.8.0 CR-1472 rev 1 Cat: F (Rel-15)  
  
 Source: Qualcomm communications-France*

(Replaces R5-215148)

**Decision:** The document was **agreed**.

**R5-215173 Correction to annex A.2.19: MO INFO for eCall over IMS**

*Type: CR For: Agreement  
 34.229-1 v15.8.0 CR-1473 Cat: F (Rel-15)  
  
 Source: Keysight Technologies UK, Qualcomm*

**Discussion:**

deferred.

r1

**Decision:** The document was **revised to R5-216339**.

**R5-216339 Correction to annex A.2.19: MO INFO for eCall over IMS**

*Type: CR For: Agreement  
 34.229-1 v15.8.0 CR-1473 rev 1 Cat: F (Rel-15)  
  
 Source: Keysight Technologies UK, Qualcomm*

(Replaces R5-215173)

**Decision:** The document was **agreed**.

**R5-215204 Correction to IMS LTE A.5.3-Notify for event package-distinguishing audio video conference**

*Type: CR For: Agreement  
 34.229-1 v15.8.0 CR-1474 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216340**.

**R5-216340 Correction to IMS LTE A.5.3-Notify for event package-distinguishing audio video conference**

*Type: CR For: Agreement  
 34.229-1 v15.8.0 CR-1474 rev 1 Cat: F (Rel-15)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-215204)

**Decision:** The document was **agreed**.

##### 6.6.6.2 TS 34.229-2

**R5-215119 Applicability updates to EIEI IMS test cases**

*Type: CR For: Agreement  
 34.229-2 v15.7.0 CR-0292 Cat: F (Rel-15)  
  
 Source: Qualcomm communications-France*

**Abstract:**

Based on the outcome of discussion paper R5-215051. To be uploaded if early implementation proposal is endorsed.

**Discussion:**

late doc

**Decision:** The document was **agreed**.

##### 6.6.6.3 TS 34.229-3

**R5-215402 Routine maintenance for TS 34.229-3**

*Type: CR For: Agreement  
 34.229-3 v16.2.0 CR-0734 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216341**.

**R5-216341 Routine maintenance for TS 34.229-3**

*Type: CR For: Agreement  
 34.229-3 v16.2.0 CR-0734 rev 1 Cat: F (Rel-16)  
  
 Source: MCC TF160*

(Replaces R5-215402)

**Decision:** The document was **agreed**.

##### 6.6.6.4 TS 34.229-4

##### 6.6.6.5 Discussion Papers, Work Plan, TC lists

**R5-215051 Discussion paper on early implementation of Release 14 EIEI feature**

*Type: discussion For: Endorsement  
 Source: Qualcomm Incorporated, Ericsson, AT&T, FirstNet, ZTE, Orange*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215701**.

**R5-215701 Discussion paper on early implementation of Release 14 EIEI feature**

*Type: discussion For: Endorsement  
 Source: Qualcomm Incorporated, Ericsson, AT&T, FirstNet, ZTE, Orange*

(Replaces R5-215051)

**Decision:** The document was **noted**.

#### 6.6.7 Routine Maintenance for TS 37.571

##### 6.6.7.1 TS 37.571-2

**R5-214182 Update applicability for OTDOA (LTE) test cases for NR**

*Type: CR For: Agreement  
 37.571-2 v16.8.0 CR-0146 Cat: F (Rel-16)  
  
 Source: Spirent Communications*

**Decision:** The document was **withdrawn**.

**R5-215154 Clarifications for OTDOA (LTE) test cases for NR**

*Type: CR For: Agreement  
 37.571-2 v16.8.0 CR-0149 Cat: F (Rel-16)  
  
 Source: Spirent Communications*

**Discussion:**

TF160 manager: should be 5GS\_NR\_LTE-UEConTest?

**Decision:** The document was **agreed**.

##### 6.6.7.2 TS 37.571-3

**R5-214181 Corrections to PICS for OTDOA and ECID**

*Type: CR For: Agreement  
 37.571-3 v16.8.0 CR-0140 Cat: F (Rel-16)  
  
 Source: Spirent Communications*

**Decision:** The document was **agreed**.

**R5-214183 Update applicability for OTDOA (LTE) test cases for NR**

*Type: CR For: Agreement  
 37.571-3 v16.8.0 CR-0141 Cat: F (Rel-16)  
  
 Source: Spirent Communications*

**Decision:** The document was **withdrawn**.

**R5-215153 Update applicability for OTDOA (LTE) test cases for NR**

*Type: CR For: Agreement  
 37.571-3 v16.8.0 CR-0144 Cat: F (Rel-16)  
  
 Source: Spirent Communications*

**Discussion:**

TF160 manager: should be 5GS\_NR\_LTE-UEConTest?

**Decision:** The document was **agreed**.

##### 6.6.7.3 TS 37.571-4

**R5-214624 Routine maintenance for TS 37.571-4**

*Type: CR For: Agreement  
 36.523-3 v16.9.0 CR-4636 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Decision:** The document was **withdrawn**.

**R5-214729 Routine maintenance for TS 37.571-4**

*Type: CR For: Agreement  
 37.571-4 v16.2.0 CR-0143 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

##### 6.6.7.4 TS 37.571-5

**R5-214185 Introduction of updated GNSS scenarios**

*Type: CR For: Agreement  
 37.571-5 v16.5.0 CR-0209 Cat: F (Rel-16)  
  
 Source: Spirent Communications, Rohde & Schwarz, CATT, CAICT*

**Discussion:**

wrong CR#, co-authors added.

r1

**Decision:** The document was **revised to R5-215711**.

**R5-215711 Introduction of updated GNSS scenarios**

*Type: CR For: Agreement  
 37.571-5 v16.5.0 CR-0209 rev 1 Cat: F (Rel-16)  
  
 Source: Spirent Communications, Rohde & Schwarz, CATT, CAICT*

(Replaces R5-214185)

**Decision:** The document was **agreed**.

##### 6.6.7.5 Discussion Papers, Work Plan, TC lists

#### 6.6.8 Routine Maintenance for TS 51.010

##### 6.6.8.1 TS 51.010-1 (Signalling)

##### 6.6.8.2 TS 51.010-2 (Signalling)

**R5-215692 Update to mandate non support of GEA1 for Release 11**

*Type: CR For: Agreement  
 51.010-2 v13.11.0 CR-4406 Cat: F (Rel-13)  
  
 Source: Vodafone*

**Discussion:**

late doc

not uploaded.

**Decision:** The document was **agreed**.

##### 6.6.8.3 TS 51.010-5 (Signalling)

##### 6.6.8.4 TS 51.010-7 (Signalling)

##### 6.6.8.5 Discussion Papers, Work Plan, TC list & CR summary

#### 6.6.9 Routine Maintenance for TS 36.579

##### 6.6.9.1 TS 36.579-1

**R5-214625 Addition of clause 5.3.27 - Generic Test Procedure for MCPTT CO Temporary Group Creation**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0154 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214626 Addition of clause 5.3.28 - Generic Test Procedure for MCPTT CO Temporary Group Tear Down**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0155 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214627 Addition of clause 5.3.29 - Generic Test Procedure for MCPTT Subscription and Notification**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0156 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215728**.

**R5-215728 Addition of clause 5.3.29 - Generic Test Procedure for MCPTT Subscription and Notification**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0156 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214627)

**Decision:** The document was **agreed**.

**R5-214628 Correction of clause 5.3.15 – Generic Test Procedure for MCPTT CO session modification without implicit Floor Control**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0157 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215729**.

**R5-215729 Correction of clause 5.3.15 – Generic Test Procedure for MCPTT CO session modification without implicit Floor Control**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0157 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214628)

**Decision:** The document was **agreed**.

**R5-214629 Correction of clause 5.3.22 - Generic Test Procedure for NW initiated temporary group creation**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0158 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215730**.

**R5-215730 Correction of clause 5.3.22 - Generic Test Procedure for NW initiated temporary group creation**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0158 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214629)

**Decision:** The document was **agreed**.

**R5-214630 Correction of clause 5.3.24 - Generic Test Procedure for UE intitated MCPTT functional alias status determination and subscription**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0159 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214631 Correction of clause 5.3.25 - Generic Test Procedure for UE inititated MCPTT functional alias status change**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0160 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214632 Correction of clause 5.3.26 - Generic Test Procedure for MCPTT CO Group Creation**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0161 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214633 Correction of clause 5.3.3 – Generic Test Procedure for MCPTT pre-established session establishment CO**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0162 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214634 Correction of clause 5.5.1 – General**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0163 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215731**.

**R5-215731 Correction of clause 5.5.1 – General**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0163 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214634)

**Decision:** The document was **agreed**.

**R5-214635 Correction of clause 5.5.2.11 – SIP PUBLISH**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0164 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214636 Correction of clause 5.5.2.14 – SIP SUBSCRIBE**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0165 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215732**.

**R5-215732 Correction of clause 5.5.2.14 – SIP SUBSCRIBE**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0165 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214636)

**Decision:** The document was **agreed**.

**R5-214637 Correction of clause 5.5.2.5 – SIP INVITE**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0166 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215733**.

**R5-215733 Correction of clause 5.5.2.5 – SIP INVITE**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0166 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214637)

**Decision:** The document was **agreed**.

**R5-214638 Correction of clause 5.5.2.8 – SIP NOTIFY**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0167 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215734**.

**R5-215734 Correction of clause 5.5.2.8 – SIP NOTIFY**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0167 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214638)

**Decision:** The document was **agreed**.

**R5-214639 Correction of clause 5.5.3.1 – SDP Message**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0168 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215735**.

**R5-215735 Correction of clause 5.5.3.1 – SDP Message**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0168 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214639)

**Decision:** The document was **agreed**.

**R5-214640 Correction of clause 5.5.3.11 – PoC-Settings**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0169 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215736**.

**R5-215736 Correction of clause 5.5.3.11 – PoC-Settings**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0169 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214640)

**Decision:** The document was **agreed**.

**R5-214641 Correction of clause 5.5.3.12 – XCAP-DIFF**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0170 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215737**.

**R5-215737 Correction of clause 5.5.3.12 – XCAP-DIFF**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0170 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214641)

**Decision:** The document was **agreed**.

**R5-214642 Correction of clause 5.5.3.2 – MCS Info Lists**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0171 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215738**.

**R5-215738 Correction of clause 5.5.3.2 – MCS Info Lists**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0171 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214642)

**Decision:** The document was **agreed**.

**R5-214643 Correction of clause 5.5.3.3 – Resource Lists**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0172 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215739**.

**R5-215739 Correction of clause 5.5.3.3 – Resource Lists**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0172 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214643)

**Decision:** The document was **agreed**.

**R5-214644 Correction of clause 5.5.3.5 – PIDF**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0173 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215740**.

**R5-215740 Correction of clause 5.5.3.5 – PIDF**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0173 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214644)

**Decision:** The document was **agreed**.

**R5-214645 Correction of clause 5.5.4.1 – General conditions**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0174 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215741**.

**R5-215741 Correction of clause 5.5.4.1 – General conditions**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0174 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214645)

**Decision:** The document was **agreed**.

**R5-214646 Correction of clause 5.5.4.3 - HTTP POST**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0175 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214647 Correction of clause 5.5.4.4 - HTTP PUT**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0176 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215742**.

**R5-215742 Correction of clause 5.5.4.4 - HTTP PUT**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0176 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214647)

**Decision:** The document was **agreed**.

**R5-214648 Correction of clause 5.5.4.5 - HTTP DELETE**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0177 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215743**.

**R5-215743 Correction of clause 5.5.4.5 - HTTP DELETE**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0177 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214648)

**Decision:** The document was **agreed**.

**R5-214649 Correction of clause 5.5.4.6 - HTTP 200 (OK)**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0178 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

Overlapping parts are now covered by revisions of Ericsson CRs.

w/d?

**Decision:** The document was **revised to R5-215744**.

**R5-215744 Correction of clause 5.5.4.6 - HTTP 200 (OK)**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0178 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214649)

**Decision:** The document was **agreed**.

**R5-214650 Correction of clause 5.5.4.7 - HTTP 201 (Created)**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0179 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215745**.

**R5-215745 Correction of clause 5.5.4.7 - HTTP 201 (Created)**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0179 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214650)

**Decision:** The document was **agreed**.

**R5-214651 Correction of clause 5.5.6.7 - Floor Taken**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0180 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215746**.

**R5-215746 Correction of clause 5.5.6.7 - Floor Taken**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0180 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214651)

**Decision:** The document was **agreed**.

**R5-214652 Correction of clause 5.5.7.1 - MCPTT Group Configuration**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0181 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215747**.

**R5-215747 Correction of clause 5.5.7.1 - MCPTT Group Configuration**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0181 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214652)

**Decision:** The document was **agreed**.

**R5-214918 MCX IUT**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0182 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-215370 Correction of General extension payload in Mikey message**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0183 Cat: F (Rel-15)  
  
 Source: Motorola Solutions*

**Decision:** The document was **agreed**.

**R5-215383 Correction of XCAP Root URI in HTTP GET Requests**

*Type: CR For: Agreement  
 36.579-1 v15.2.0 CR-0184 Cat: F (Rel-15)  
  
 Source: Motorola Solutions*

**Decision:** The document was **agreed**.

##### 6.6.9.2 TS 36.579-2

**R5-214653 Correction of MCPTT test case 5.2**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0183 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214654 Correction of MCPTT test case 5.3**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0184 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214655 Correction of MCPTT test case 5.4**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0185 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214656 Correction of MCPTT test case 5.5**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0186 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215748**.

**R5-215748 Correction of MCPTT test case 5.5**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0186 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214656)

**Decision:** The document was **agreed**.

**R5-214657 Correction of MCPTT test case 5.8**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0187 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215749**.

**R5-215749 Correction of MCPTT test case 5.8**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0187 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214657)

**Decision:** The document was **agreed**.

**R5-214658 Correction of MCPTT test case 6.1.1.10**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0188 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **withdrawn**.

**R5-214659 Correction of MCPTT test case 6.1.1.15**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0189 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215750**.

**R5-215750 Correction of MCPTT test case 6.1.1.15**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0189 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214659)

**Decision:** The document was **agreed**.

**R5-214660 Correction of MCPTT test case 6.1.1.16**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0190 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215751**.

**R5-215751 Correction of MCPTT test case 6.1.1.16**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0190 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214660)

**Decision:** The document was **agreed**.

**R5-214661 Correction of MCPTT test case 6.1.1.19**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0191 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214662 Correction of MCPTT test case 6.1.1.20**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0192 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214663 Correction of MCPTT test case 6.1.1.21**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0193 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215752**.

**R5-215752 Correction of MCPTT test case 6.1.1.21**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0193 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214663)

**Decision:** The document was **agreed**.

**R5-214664 Correction of MCPTT test case 6.1.1.3**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0194 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214665 Correction of MCPTT test case 6.1.2.13**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0195 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214666 Correction of MCPTT test case 6.1.2.14**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0196 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214667 Correction of MCPTT test case 6.2.12**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0197 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214668 Correction of MCPTT test case 6.2.14**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0198 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-214669 Correction of MCPTT test case 6.2.15**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0199 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215753**.

**R5-215753 Correction of MCPTT test case 6.2.15**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0199 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214669)

**Decision:** The document was **agreed**.

**R5-214670 Correction of MCPTT test case 6.2.16**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0200 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215754**.

**R5-215754 Correction of MCPTT test case 6.2.16**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0200 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214670)

**Decision:** The document was **agreed**.

**R5-214671 Correction of MCPTT test case 6.2.17**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0201 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215755**.

**R5-215755 Correction of MCPTT test case 6.2.17**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0201 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214671)

**Decision:** The document was **agreed**.

**R5-214672 Correction of MCPTT test case 6.2.20**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0202 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215756**.

**R5-215756 Correction of MCPTT test case 6.2.20**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0202 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214672)

**Decision:** The document was **agreed**.

**R5-214673 Correction of MCPTT test case 6.2.21**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0203 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215757**.

**R5-215757 Correction of MCPTT test case 6.2.21**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0203 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214673)

**Decision:** The document was **agreed**.

**R5-214674 Correction of MCPTT test case 6.2.22**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0204 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215758**.

**R5-215758 Correction of MCPTT test case 6.2.22**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0204 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214674)

**Decision:** The document was **agreed**.

**R5-214675 Correction of MCPTT test case 6.2.23**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0205 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

late doc

**Decision:** The document was **withdrawn**.

**R5-214676 Correction of MCPTT test case 6.3.2**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0206 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r2

Had been pre-allocated R5-215759, but was discarded.

**Decision:** The document was **revised to R5-216342**.

**R5-216342 Correction of MCPTT test case 6.3.2**

*Type: CR For: Agreement  
 36.579-2 v15.0.0 CR-0206 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-214676)

**Decision:** The document was **agreed**.

##### 6.6.9.3 TS 36.579-3

##### 6.6.9.4 TS 36.579-4

**R5-215492 Misc. updates to test case applicability and PICS**

*Type: CR For: Agreement  
 36.579-4 v15.0.0 CR-0017 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

##### 6.6.9.5 TS 36.579-5

**R5-214677 Routine maintenance for TS 36.579-5**

*Type: CR For: Agreement  
 36.579-5 v14.3.0 CR-0019 Cat: F (Rel-14)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216343**.

**R5-216343 Routine maintenance for TS 36.579-5**

*Type: CR For: Agreement  
 36.579-5 v14.3.0 CR-0019 rev 1 Cat: F (Rel-14)  
  
 Source: MCC TF160*

(Replaces R5-214677)

**Decision:** The document was **agreed**.

##### 6.6.9.6 TS 36.579-6

**R5-215587 Correction to MCVideo Test Case 6.1.2.1**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0018 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216344**.

**R5-216344 Correction to MCVideo Test Case 6.1.2.1**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0018 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-215587)

**Decision:** The document was **agreed**.

**R5-215588 Correction to MCVideo Test Case 6.1.2.2**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0019 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216345**.

**R5-216345 Correction to MCVideo Test Case 6.1.2.2**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0019 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-215588)

**Decision:** The document was **agreed**.

**R5-215589 Correction to MCVideo Test Case 6.1.2.3**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0020 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216346**.

**R5-216346 Correction to MCVideo Test Case 6.1.2.3**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0020 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-215589)

**Decision:** The document was **agreed**.

**R5-215590 Correction to MCVideo Test Case 6.1.2.4**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0021 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216347**.

**R5-216347 Correction to MCVideo Test Case 6.1.2.4**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0021 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-215590)

**Decision:** The document was **agreed**.

**R5-215591 Correction to MCVideo Test Case 6.2.1**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0022 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-216348**.

**R5-216348 Correction to MCVideo Test Case 6.2.1**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0022 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-215591)

**Decision:** The document was **agreed**.

**R5-215592 Correction to MCVideo Test Case 6.2.2**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0023 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216349**.

**R5-216349 Correction to MCVideo Test Case 6.2.2**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0023 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-215592)

**Decision:** The document was **agreed**.

**R5-215593 Correction to MCVideo Test Case 6.2.3**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0024 Cat: F (Rel-15)  
  
 Source: NIST*

**Decision:** The document was **agreed**.

**R5-215594 Correction to MCVideo Test Case 6.2.4**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0025 Cat: F (Rel-15)  
  
 Source: NIST*

**Decision:** The document was **agreed**.

**R5-215595 Correction to MCVideo Test Case 6.2.5**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0026 Cat: F (Rel-15)  
  
 Source: NIST*

**Decision:** The document was **agreed**.

**R5-215596 Correction to MCVideo Test Case 6.2.6**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0027 Cat: F (Rel-15)  
  
 Source: NIST*

**Decision:** The document was **agreed**.

**R5-215597 Correction to MCVideo Test Case 6.2.7**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0028 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216350**.

**R5-216350 Correction to MCVideo Test Case 6.2.7**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0028 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-215597)

**Decision:** The document was **agreed**.

**R5-215598 Correction to MCVideo Test Case 6.2.8**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0029 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r2

**Decision:** The document was **revised to R5-216351**.

**R5-216351 Correction to MCVideo Test Case 6.2.8**

*Type: CR For: Agreement  
 36.579-6 v15.0.0 CR-0029 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-215598)

**Decision:** The document was **agreed**.

##### 6.6.9.7 TS 36.579-7

##### 6.6.9.8 Other Specs

##### 6.6.9.9 Discussion Papers, Work Plan, TC lists

### 6.7 Outgoing liaison statements for provisional approval

**R5-215762 Association between serving cell and measurement object**

*Type: LS out For: Approval  
 to TSG WG RAN2  
 Source: TSG WG RAN5*

**Abstract:**

RAN5 encounters difficulties in understanding core specifications during designing UE signalling conformance test cases and needs RAN2's clarification.

In 38.331 the term "association between serving cell and measurement object" is frequently used. For example, in 38.331 cl. 5.5.4.1 it states that:

4> if the eventA3 or eventA5 is configured in the corresponding reportConfig:

5> if a serving cell is associated with a measObjectNR and neighbours are associated with another measObjectNR, consider any serving cell associated with the other measObjectNR to be a neighbouring cell as well;

RAN5 notices that RAN2 had a discussion [1] on this issue during RAN2 #102 and agreed to introduce field servingCellMO in dedicated serving cell configuration. RAN5 would like to know RAN2's opinion on the next 2 questions:

Question 1: Is the indication by servingCellMO the way to determine the association between serving cell and measurement object mentioned in 38.331?

Question 2: For event A3/A5 triggering reporting configured on SCC, is it compulsory to configure servingCellMO for SCell in order to enable UE considering SCell to be a neighbouring cell as well ?

Actions: RAN5 respectfully asks RAN2 feedback on Q1 and Q2.

**Discussion:**

Huawei (Xuesong)

sent!

**Decision:** The document was **approved**.

### 6.8 AOB

## 7 Closing Joint Session

### 7.1 Pointer CRs

**R5-215151 Removal of technical content in 36.579-7 v14.2.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 36.579-7 v14.2.0 CR-0005 Cat: F (Rel-14)  
  
 Source: ETSI*

**Abstract:**

this is a pointer CR to close Rel-14 and point to the higher Rel-15.

**Discussion:**

late doc

**Decision:** The document was **agreed**.

### 7.2 Open Issues

#### 7.2.1 RF group docs still requiring WG verdict/confirmation - original A.I. retained

**R5-215766 fwd on how to handle Option4 test cases**

*Type: discussion For: Endorsement  
 Source: CMCC,Deutsche Telekom, TIM, Qualcomm, ZTE, CATT, Orange, Spirent*

(Replaces R5-214482)

**Discussion:**

Seen in the closing joint:

Proposals 1, 2 are endorsed.

Dish network commented on Proposal 2, not sure it applies 100% to SA. Concern about sensitivity and CA.

Agree to it if there is an exception list.

Prop 3 is endorsed.

Prop 4: is endorsed. Have to wait for RAN4 to progress. No LS.

Prop 5, 6, 7, 8, 9, 10, 11, 12 are endorsed.

Prop 7 a note whether cl. 11 test cases are really needed.

Prop 11 a review is ok, but better not change every bit of SA and NSA. Have to be careful about input from outside 3GPP RAN5.

Orange asked whether the WP should be changed.

CMCC reported some changes are planned already and the WPs need to be updated accordingly in the next version.

The TF160 manager asked which WI should be used for Option 4 test cases.

CMCC said Rel-15 WI "5G system with NR and LTE" will be used for Option 4 test cases.

Noted.

**Decision:** The document was **noted**.

**R5-215812 Discussion on addition of Rel.16 EN-DC RF tests to 38.521-3**

*Type: discussion For: Agreement  
 38.521-3 v..  
 Source: Apple Portugal*

(Replaces R5-215638)

**Abstract:**

AI 5.3.31.7

**Discussion:**

proposal endorsed and duplicate to A.I.7.2.1 for information.

**Decision:** The document was **noted**.

#### 7.2.2 Sig group docs still requiring WG verdict/confirmation - original A.I. retained

**R5-214177 LS to 3GPP on the editorial issues of 5G-NR UE specifications in TSG RAN WG5 & TSG RAN WG4**

*Type: LS in For: Information  
 Original outgoing LS: TFES(21)069022r1\_LSout\_to\_3GPP\_regarding\_editorial\_issues\_of\_5G-NR\_UE\_S, to -, cc -  
 Source: MSG TFES*

**Abstract:**

MSG TFES would like to inform 3GPP TSG RAN that MSG TFES have been implementing 5G NR UE harmonised standard EN 301 908-25 release 15, which is aligned with 3GPP specifications of TS 38.101-1, TS 38.101-2 and TS 38.101-3 release 15 from TSG RAN4 in terms of core requirements and TS38.521-1, TS 38 521-2 and TS 38.521-3 developed by TSG RAN5 for UE conformance testing.

Currently, the first release of EN 301 908-25 V15.1.1\_0.0.7 reaches the mature draft status and will be sent to Commission for the first assessment.

During the implement process, MSG TFES noticed that 3GPP TSG RAN4 and RAN5 have continuously revised and improved the specifications. We have acknowledged this effort and kept updating EN 301 908-25 accordingly. Despite the efforts and improvement made, we noticed that there are still some editorial issues left including typos and ambiguity in text description in the corresponding 3GPP specifications. . In particular, the table numbers and section numbers used as reference in TS 38.521-1, TS 38 521-2 and TS 38.521-3 sometimes point to wrong tables and sections.

MSG TFES would like to respectfully suggest considering revising and cleaning up the latest version of 3GPP specifications TS 38.101-1, TS 38.101-2 and TS 38.101-3 for release15 and the latest available version of TS38.521-1, TS 38 521-2 and TS 38.521-3, which capture the conformance testing for release 15 requirements. Please consider the requirements in Table A-1, A-2 and A-3 from Annex A of EN 301 908-25 which have been included in Harmonised Standard with high priority.

MSG TFES looks forward to further collaboration with TSG RAN on this issue.

**Discussion:**

deferred to midweek

Noted.

**Decision:** The document was **noted**.

**R5-215683 MCC TF160 Status Report**

*Type: report For: Approval  
 Source: MCC TF160*

(Replaces R5-214612)

**Discussion:**

task list slides 11-13 and funding request are endorsed.

**Decision:** The document was **approved**.

#### 7.2.3 Other open issues from joint sessions - original A.I. retained

#### 7.2.4 Study on 5G NR UE full stack testing for Network Slicing - original A.I. retained

#### 7.2.5 Other

### 7.3 iWD/PRD Updates

**R5-215371 PRD-17 on Guidance to Work Item Codes (post RAN#93-e version)**

*Type: other For: Approval  
 Source: Bureau Veritas (Rapporteur)*

**Abstract:**

Post-meeting

**Discussion:**

for email approval

**Decision:** The document was **for email approval**.

**R5-215770 Update to IWD-003**

*Type: other For: Approval  
 Source: Rohde & Schwarz*

**Abstract:**

post meeting doc

**Discussion:**

for email approval

**Decision:** The document was **for email approved**.

### 7.4 Work Items/ Study Items

#### 7.4.1 Final version of Work Item Proposals

**R5-215704 New WID - UE Conformance Test Aspects - High power UE (power class 1.5) for NR band n79**

*Type: WID new For: Approval  
 Source: CMCC*

(Replaces R5-214473)

**Decision:** The document was **endorsed**.

**R5-215705 New WID - UE Conformance Test Aspects - High power UE (power class 2) for NR band n34**

*Type: WID new For: Approval  
 Source: CMCC*

(Replaces R5-214474)

**Decision:** The document was **endorsed**.

**R5-215706 New WID - UE Conformance Test Aspects - High power UE (power class 2) for NR band n39**

*Type: WID new For: Approval  
 Source: CMCC*

(Replaces R5-214475)

**Decision:** The document was **endorsed**.

**R5-215707 New WID on UE Conformance - PC2 EN-DC with x LTE band + y NR band (x= 2, 3, 4, y=1; x=1, 2, y=2)**

*Type: WID new For: Endorsement  
 Source: Ericsson*

(Replaces R5-214902)

**Discussion:**

China Unicom will be added.

T-mobile USA asked to be added.

**Decision:** The document was **endorsed**.

#### 7.4.2 Active Work Items/ Study Item: work plans (wp), status reports (sr), Work Item Descriptions (wid)

**R5-214162 WI Progress and Target Completion Date Review**

*Type: other For: Information  
 Source: WG Chairman*

**Decision:** The document was **not treated**.

**R5-214206 SR - NR\_SON\_MDT-UEConTest after RAN5#92-e**

*Type: WI status report For: Information  
 Source: CMCC, Ericsson*

**Decision:** The document was **noted**.

**R5-214207 WP - NR\_SON\_MDT-UEConTest after RAN5#92-e**

*Type: Work Plan For: Information  
 Source: CMCC, Ericsson*

**Decision:** The document was **noted**.

**R5-214231 WP UE Conformance Test Aspects - Rel-14 LTE CA configurations**

*Type: Work Plan For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-214232 SR UE Conformance Test Aspects - Rel-14 LTE CA configurations**

*Type: WI status report For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-214233 WP UE Conformance Test Aspects - Rel-15 LTE CA configurations**

*Type: Work Plan For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-214234 SR UE Conformance Test Aspects - Rel-15 LTE CA configurations**

*Type: WI status report For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-214235 WP UE Conformance Test Aspects - Rel-16 LTE CA configurations**

*Type: Work Plan For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-214236 SR UE Conformance Test Aspects - Rel-16 LTE CA configurations**

*Type: WI status report For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-214237 WP UE Conformance Test Aspects - 5G system with NR and LTE**

*Type: Work Plan For: Information  
 Source: Ericsson*

**Decision:** The document was **not treated**.

**R5-214238 SR UE Conformance Test Aspects - 5G system with NR and LTE**

*Type: WI status report For: Information  
 Source: Ericsson*

**Decision:** The document was **not treated**.

**R5-214241 WP UE Conformance Test Aspects - New Rel-16 NR bands and extension of existing NR bands**

*Type: Work Plan For: Information  
 Source: Ericsson*

**Decision:** The document was **not treated**.

**R5-214242 SR UE Conformance Test Aspects - New Rel-16 NR bands and extension of existing NR bands**

*Type: WI status report For: Information  
 Source: Ericsson*

**Decision:** The document was **not treated**.

**R5-214321 WP UE Conformance Test Aspects – Rel14 Enhanced Full Dimension MIMO for LTE**

*Type: Work Plan For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-214322 SR UE Conformance Test Aspects – Rel14 Enhanced Full Dimension MIMO for LTE**

*Type: WI status report For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-214462 SR - Rel-16 IiOT after RAN5#92-e**

*Type: WI status report For: Information  
 Source: CMCC*

**Decision:** The document was **revised to R5-216354**.

**R5-216354 SR - Rel-16 IiOT after RAN5#92-e**

*Type: WI status report For: Information  
 Source: CMCC*

(Replaces R5-214462)

**Decision:** The document was **not treated**.

**R5-214463 WP - Rel-16 IiOT after RAN5#92-e**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **revised to R5-216355**.

**R5-216355 WP - Rel-16 IiOT after RAN5#92-e**

*Type: Work Plan For: -  
 Source: CMCC*

(Replaces R5-214463)

**Decision:** The document was **not treated**.

**R5-214464 SR - Rel-16 HST after RAN5#92-e**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-214465 WP - Rel-16 HST after RAN5#92-e**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-214466 SR - Rel-16 eNS after RAN5#92-e**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-214467 WP - Rel-16 eNS after RAN5#92-e**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-214468 SR - FS\_NR\_Slice\_Test after RAN5#92-e**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-214469 WP - FS\_NR\_Slice\_Test after RAN5#92-e**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-214470 SR - NR\_Rel-16\_CA\_DC after RAN5#92-e**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **not treated**.

**R5-214471 WP - NR\_Rel-16\_CA\_DC after RAN5#92-e**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **not treated**.

**R5-214538 SR UE Conformance Test Aspects for NR performance requirement enhancement RAN5#92e**

*Type: WI status report For: Discussion  
 Source: China Telecom*

**Decision:** The document was **not treated**.

**R5-214539 WP UE Conformance Test Aspects for add support of NR DL 256QAM for FR2 RAN5#92e**

*Type: Work Plan For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-214540 SR UE Conformance Test Aspects for add support of NR DL 256QAM for FR2 RAN5#92e**

*Type: WI status report For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-214541 SR UE Conformance Aspects - Even further mobility enhancement in E-UTRAN RAN5#92e**

*Type: WI status report For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-214542 WP UE Conformance Aspects - Even further mobility enhancement in E-UTRAN RAN5#92e**

*Type: Work Plan For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-214543 SR UE Conformance SAR schemes for UE power class 2 (PC2) for NR inter-band Carrier Aggregation and supplemental uplink (SUL) configurations with 2 bands UL RAN5#92e**

*Type: WI status report For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-214544 WP UE Conformance SAR schemes for UE power class 2 (PC2) for NR inter-band Carrier Aggregation and supplemental uplink (SUL) configurations with 2 bands UL RAN5#92e**

*Type: Work Plan For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-214545 SR UE Conformance Rel-17 High power UE for NR inter-band Carrier Aggregation with 2 bands downlink and x bands uplink (x=1,2) RAN5#92e**

*Type: WI status report For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-214546 WP UE Conformance Rel-17 High power UE for NR inter-band Carrier Aggregation with 2 bands downlink and x bands uplink (x=1,2) RAN5#92e**

*Type: Work Plan For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-214576 Revised WID on UE Conformance Test Aspects for NR Positioning Support**

*Type: WID revised For: Agreement  
 Source: CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-215772**.

**R5-215772 Revised WID on UE Conformance Test Aspects for NR Positioning Support**

*Type: WID revised For: Agreement  
 Source: CATT*

(Replaces R5-214576)

**Decision:** The document was **endorsed**.

**R5-214577 Work plan: UE Conformance Test Aspects for NR Positioning Support**

*Type: Work Plan For: Agreement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-214578 SR UE Conformance Test Aspects - NR Positioning Support**

*Type: WI status report For: Agreement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-214579 Work plan: B1C Signal in BDS Positioning System Support for LTE and NR**

*Type: Work Plan For: Agreement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-214580 SR UE Conformance Test Aspects - B1C Signal in BDS Positioning System Support for LTE and NR**

*Type: WI status report For: Agreement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-214581 Work plan: UE Conformance Test Aspects – UE power saving in NR**

*Type: Work Plan For: Agreement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-214582 SR UE Conformance Test Aspects - UE power saving in NR**

*Type: WI status report For: Agreement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-214583 WP UE Conformance Test Aspects – Further NB-IoT enhancements**

*Type: Work Plan For: Agreement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-214584 SR UE Conformance Test Aspects - Further NB-IoT enhancements**

*Type: WI status report For: Agreement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-214724 SR UE Conformance Test Aspects - Additional LTE bands for UE category M2 and/or NB2 in Rel-16**

*Type: WI status report For: Information  
 Source: Ericsson*

**Decision:** The document was **not treated**.

**R5-214725 WP UE Conformance Test Aspects - Additional LTE bands for UE category M2 and/or NB2 in Rel-16**

*Type: Work Plan For: (not specified)  
 Source: Ericsson*

**Decision:** The document was **not treated**.

**R5-214732 WP UE Conformance Test Aspects - Rel-16 Private Network Support for NG-RAN**

*Type: Work Plan For: Information  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **noted**.

**R5-214733 SR UE Conformance Test Aspects - Rel-16 Private Network Support for NG-RAN**

*Type: WI status report For: Information  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **noted**.

**R5-214734 WP UE Conformance Test Aspects - Rel-16 Optimisations on UE radio capability signalling – NR/E-UTRA**

*Type: Work Plan For: Information  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **noted**.

**R5-214735 SR UE Conformance Test Aspects - Rel-16 Optimisations on UE radio capability signalling – NR/E-UTRA**

*Type: WI status report For: Information  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **noted**.

**R5-214797 SR of Rel-16 NR Mobility Enhancement WI after RAN5 92e**

*Type: WI status report For: Endorsement  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-214798 WP of NR Mobility Enhancement after RAN5 92e**

*Type: Work Plan For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-214810 SR of Rel-16 NR V2X WI after RAN5 92e**

*Type: WI status report For: Endorsement  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-214811 WP of NR V2X after RAN5 92e**

*Type: Work Plan For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-214887 WP UE Conformance Test Aspects for 2-step RACH for NR**

*Type: Work Plan For: Information  
 Source: ZTE Corporation, China Telecom*

**Decision:** The document was **noted**.

**R5-214888 SR UE Conformance Test Aspects for 2-step RACH for NR**

*Type: WI status report For: Information  
 Source: ZTE Corporation, China Telecom*

**Decision:** The document was **noted**.

**R5-214908 WP UE Conformance Test Aspects for NR RF Requirement Enhancements for FR2**

*Type: Work Plan For: Information  
 Source: Nokia, Nokia Shanghai Bell, Apple Portugal*

**Decision:** The document was **noted**.

**R5-214909 SR UE Conformance Test Aspects for NR RF Requirement Enhancements for FR2**

*Type: WI status report For: Information  
 Source: Nokia, Nokia Shanghai Bell, Apple Portugal*

**Decision:** The document was **noted**.

**R5-214926 SR UE Conformance Test Aspects- SRVCC\_NR\_to\_UMTS**

*Type: WI status report For: Information  
 Source: China Unicom*

**Decision:** The document was **not treated**.

**R5-214927 WP UE Conformance Test Aspects- SRVCC\_NR\_to\_UMTS**

*Type: Work Plan For: Information  
 Source: China Unicom*

**Decision:** The document was **not treated**.

**R5-214953 WP on ENDC\_UE\_PC2\_FDD\_TDD-UEConTest for RAN5#92e**

*Type: Work Plan For: Information  
 Source: China Unicom*

**Decision:** The document was **not treated**.

**R5-214954 WP UE Conformance Test Aspects - Support of eCall over IMS for NR**

*Type: Work Plan For: Information  
 Source: Qualcomm communications-France*

**Decision:** The document was **noted**.

**R5-214955 SR on ENDC\_UE\_PC2\_FDD\_TDD-UEConTest for RAN5#92e**

*Type: WI status report For: Information  
 Source: China Unicom*

**Decision:** The document was **not treated**.

**R5-214956 SR UE Conformance Test Aspects - Support of eCall over IMS for NR**

*Type: WI status report For: Information  
 Source: Qualcomm communications-France*

**Decision:** The document was **noted**.

**R5-214957 WP on ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest for RAN5#92e**

*Type: Work Plan For: Information  
 Source: China Unicom*

**Decision:** The document was **not treated**.

**R5-214958 SR on ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest for RAN5#92e**

*Type: WI status report For: (not specified)  
 Source: China Unicom*

**Decision:** The document was **not treated**.

**R5-215111 WP - RF requirements for NR frequency range 1 (FR1)**

*Type: Work Plan For: Information  
 Source: Huawei, HiSilicon*

**Decision:** The document was **not treated**.

**R5-215112 SR - RF requirements for NR frequency range 1 (FR1)**

*Type: WI status report For: Endorsement  
 Source: Huawei, HiSilicon*

**Decision:** The document was **not treated**.

**R5-215113 WP - Enhancements on MIMO for NR**

*Type: Work Plan For: Information  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-215114 SR - Enhancements on MIMO for NR**

*Type: WI status report For: Endorsement  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-215115 WP - NR URLLC**

*Type: Work Plan For: Information  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-215116 SR - NU URLLC**

*Type: WI status report For: Endorsement  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-215166 SR UE Conformance Test Aspects- Additional LTE bands for UE category M1 and/or NB1 in Rel-16**

*Type: WI status report For: Endorsement  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-215167 WP UE Conformance Test Aspects- Additional LTE bands for UE category M1 and/or NB1 in Rel-16**

*Type: Work Plan For: Endorsement  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-215188 SR for LTE\_B24\_mod-UEConTest**

*Type: WI status report For: Endorsement  
 Source: Ligado Networks*

**Decision:** The document was **not treated**.

**R5-215189 WP for LTE\_B24\_mod-UEConTest**

*Type: Work Plan For: Information  
 Source: Ligado Networks*

**Decision:** The document was **not treated**.

**R5-215190 Revised WID for LTE\_B24\_mod-UEConTest**

*Type: WID revised For: Agreement  
 Source: Ligado Networks*

**Decision:** The document was **endorsed**.

**R5-215314 WP of NR\_lic\_bands\_BW\_R17-UEConTest 92e**

*Type: Work Plan For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **not treated**.

**R5-215315 SR of NR\_lic\_bands\_BW\_R17-UEConTest 92e**

*Type: WI status report For: Endorsement  
 Source: Huawei, Hisilicon*

**Decision:** The document was **not treated**.

**R5-215316 WP of NR\_lic\_bands\_BW\_R17-UEConTest 92e**

*Type: Work Plan For: Information  
 Source: Huawei, Hisilicon*

**Discussion:**

withdrawn and reissued as R5-216353 because of wrong title.

**Decision:** The document was **withdrawn**.

**R5-216353 WP of Rel-17 NR CA and DC; and NR and LTE DC Configurations**

*Type: Work Plan For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **not treated**.

**R5-215317 SR of Rel-17 NR CA and DC; and NR and LTE DC Configurations**

*Type: WI status report For: Endorsement  
 Source: Huawei, Hisilicon*

**Decision:** The document was **not treated**.

**R5-215467 Revised WID: UE Conformance Test Aspects - Rel-14 LTE CA configurations**

*Type: WID revised For: Information  
 Source: Ericsson*

**Discussion:**

will close at this meeting. Rel-14 test cases are completed. Not needed due to PRD change.

**Decision:** The document was **withdrawn**.

**R5-215486 WP - UE Conformance Test Aspects - 29 dBm UE Power Class for LTE Band 41and NR Band n41 (UID-920068)**

*Type: Work Plan For: Endorsement  
 Source: T-Mobile USA Inc.*

**Decision:** The document was **noted**.

**R5-215487 SR - UE Conformance Test Aspects - 29 dBm UE Power Class for LTE Band 41and NR Band n41 (UID-920068)**

*Type: WI status report For: Endorsement  
 Source: T-Mobile USA Inc.*

**Decision:** The document was **noted**.

**R5-215493 WP UE Conformance Test Aspects - Even further enhanced MTC for LTE**

*Type: Work Plan For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-215494 SR UE Conformance Test Aspects - Even further enhanced MTC for LTE**

*Type: WI status report For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-215546 SR UE Conformance Test Aspects - Enhancing LTE CA Utilization**

*Type: WI status report For: (not specified)  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **noted**.

**R5-215548 WP UE Conformance Test Aspects - Enhancing LTE CA Utilization**

*Type: Work Plan For: (not specified)  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **noted**.

**R5-215549 SR UE Conformance Test Aspects - LTE-NR & NR-NR Dual Connectivity and NR CA enhancements**

*Type: WI status report For: Information  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to R5-216357**.

**R5-216357 SR UE Conformance Test Aspects - LTE-NR & NR-NR Dual Connectivity and NR CA enhancements**

*Type: WI status report For: Information  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-215549)

**Decision:** The document was **not treated**.

**R5-215551 WP UE Conformance Test Aspects - LTE-NR & NR-NR Dual Connectivity and NR CA enhancements**

*Type: Work Plan For: Information  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to R5-216358**.

**R5-216358 WP UE Conformance Test Aspects - LTE-NR & NR-NR Dual Connectivity and NR CA enhancements**

*Type: Work Plan For: Information  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-215551)

**Decision:** The document was **not treated**.

**R5-215603 SR UE Conformance Test Aspects - Enhancements for Mission Critical Services MCPTT, MCData and MCVideo**

*Type: WI status report For: (not specified)  
 Source: NIST*

**Decision:** The document was **noted**.

**R5-215604 WP UE Conformance Test Aspects - Enhancements for Mission Critical Services MCPTT, MCData and MCVideo**

*Type: Work Plan For: (not specified)  
 Source: NIST*

**Decision:** The document was **noted**.

**R5-215642 WP UE Conformance Test Aspects - NR performance requirement enhancement**

*Type: Work Plan For: Approval  
 Source: Qualcomm Korea*

**Decision:** The document was **not treated**.

**R5-215643 WP UE Conformance Test Aspects - Rel -16 for CLI handling for NR**

*Type: Work Plan For: Approval  
 Source: Qualcomm Korea*

**Decision:** The document was **not treated**.

**R5-215644 SR UE Conformance Test Aspects - Rel -16 for CLI handling for NR**

*Type: WI status report For: Approval  
 Source: Qualcomm Korea*

**Decision:** The document was **not treated**.

**R5-215645 WP - 5G NR User Equipment (UE) Application Layer Data Throughput Performance**

*Type: Work Plan For: Approval  
 Source: Qualcomm Korea*

**Decision:** The document was **not treated**.

**R5-215646 SR - 5G NR User Equipment (UE) Application Layer Data Throughput Performance**

*Type: WI status report For: Approval  
 Source: Qualcomm Korea*

**Decision:** The document was **not treated**.

**R5-215647 WP - UE Conformance Test Aspects for NR-based Access to Unlicensed Spectrum**

*Type: Work Plan For: Approval  
 Source: Qualcomm Korea*

**Decision:** The document was **not treated**.

**R5-215648 SR - UE Conformance Test Aspects for NR-based Access to Unlicensed Spectrum**

*Type: WI status report For: Approval  
 Source: Qualcomm Korea*

**Decision:** The document was **not treated**.

**R5-215712 Revised SID - Study on 5G NR UE full stack testing for Network Slicing**

*Type: SID revised For: Endorsement  
 Source: CMCC*

**Abstract:**

correction Rel-16 -> Rel-17

**Decision:** The document was **endorsed**.

**R5-215765 Revised WID - UE Conformance Test Aspects for NR RF Requirement Enhancements for FR2**

*Type: WID revised For: Endorsement  
 Source: Apple Portugal, Nokia*

**Decision:** The document was **endorsed**.

#### 7.4.3 Work Plan updates of recently closed work items

### 7.5 Docs still needing agreement/endorsement/approval (e.g. Outgoing LS, Reports, New Specs, Info for certification bodies etc.)

**R5-214228 RAN5#92-e summary of changes to RAN5 test cases with potential impact on GCF and PTCRB**

*Type: report For: Information  
 Source: Ericsson*

**Abstract:**

Post meeting document

**Decision:** The document was **not treated**.

**R5-214230 3GPP RAN5 CA status list (post-RAN5#92-e meeting)**

*Type: other For: Information  
 Source: Ericsson*

**Abstract:**

Post meeting document

**Decision:** The document was **noted**.

**R5-214239 5GS progress report RAN5#92-e**

*Type: WI status report For: Information  
 Source: Ericsson*

**Abstract:**

Post meeting document

**Decision:** The document was **not treated**.

**R5-214240 Update of RAN5 5G NR phases and target update RAN5#92-e**

*Type: discussion For: Endorsement  
 Source: Ericsson*

**Abstract:**

Post meeting document

**Discussion:**

TR 38.903 will also move to Rel-17 administratively!

**Decision:** The document was **not treated**.

**R5-214432 FR2 Measurement Uncertainty (MU) and Test Tolerances (TT) Target Completion Update**

*Type: discussion For: Discussion  
 Source: AT&T*

**Abstract:**

Post Meeting Document that will collect the status of the FR2 MU + TT target completion dates at the conclusion of the FR2 MU + TT items at RAN5 #92-e.

**Decision:** The document was **noted**.

**R5-214837 TS 36.523-1 Tracker status after RAN5-92e**

*Type: other For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **not treated**.

**R5-214838 TS 38.523-1 Tracker status after RAN5-92e**

*Type: other For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **not treated**.

**R5-215262 draft TR 38.918 v0.2.0**

*Type: draft TR For: Approval  
 38.918 v0.2.0  
 Source: China Mobile Com. Corporation*

**Discussion:**

for email approval

deadline for review and comments by 6 Sep 21. If no contrary comments are received by 2 PM UTC.

Approved.

**Decision:** The document was **approved**.

**R5-215803 Response LS to RAN4 on LTE REFSENS Exceptions Simplification**

*Type: LS out For: Approval  
 to TSG WG RAN4  
 Source: TSG WG RAN5*

**Abstract:**

RAN5 thanks RAN4 for the LS in [1] informing to adopt new MSD test point scheme for new Rel-17 LTE CA combinations.

RAN5 support LTE REFSENS exceptions simplification and studied options if simplification should be limited only to new Rel-17 CA configurations (Option 1) or if the simplification can be also applied to CA configurations in earlier releases (Option 2). In general, when earlier releases CA configurations are added by RAN5, the requirements of corresponding releases are followed. If the simplification is applied only to Rel-17 CA configurations it might cause misalignment if RAN5 simply follow Rel-17 core specification without release independent information clearly provided by RAN4.

RAN5 prefers Option2, with a change to have RAN4 removing legacy test points only in Rel-17 core spec and keep earlier Releases core specs as is. RAN5 propose following modified Option 2a.

Option 2a:

- For new Rel-17 band combinations:

- For TPs for TR: According to the agreed WF, do not specify higher order REFSENS test points if already covered by a fall-back combination,

- For 36.101: Remove REFSENS test points if already covered by fall-back combination via small CR.

- For legacy combinations:

- Keep only the lowest order fall-back test points and remove all redundant REFSENS test points in TS 36.101 Rel-17,

- For 36.101: Clarify that simplified REFSENS requirements in Rel-17 specifications could be release independently supported by earlier Ues. This could be clarified as a NOTE in TS 36.101,

- Do not bring any change to earlier Releases of TS 36.101.

Actions: To RAN4: RAN5 asks RAN4 to consider proposed Option 2a and provide feedback on the decision.

**Discussion:**

(Tuomo)

Option 2a agreeable.

Approved in RF.

sent.

**Decision:** The document was **approved**.

**R5-215806 Response LS to MSG TFES on the editorial issues of 5G-NR UE specifications in TSG RAN WG5 & TSG RAN WG4**

*Type: LS out For: Approval  
 to MSG TFES, cc TC ERM, TSG RAN, TSG WG RAN4  
 Source: TSG WG RAN5*

**Abstract:**

3GPP RAN WG5 would like to thank MSG TFES for the LS on the editorial issues of 5G-NR UE specifications in TSG RAN WG5 & TSG RAN WG4.

RAN WG5 has discussed the different editorial issues in TS 38.521-x Release 15 that can be corrected except the ones in core requirements that are related to RAN4 specifications. With the lack of detailed list of the different editorial issues that MSG TFES mentioned, RAN 5 agreed on the following way forward :

• Set up direct engagement between EN 301 908-25 (Lu Zhou – Qualcomm) and TS 38.521-x rapporteurs (Yu Shi [China Unicom], Yufeng Zhang[CAICT], Kevin Wang[Qualcomm])

o Hajer Khanfir [Orange] volunteered to facilitate this engagement for Rel-15 clean up task between MSG TFES and RAN5

• Encourage every partner within MSG TFES to coordinate internally with their RAN 5 experts to support the work

• Involve RAN5 Test case authors in finding and fixing errors of impacted test cases – target RAN5#93-e meeting

In addition, during the recently completed RAN5#92-e meeting, CR correcting editorial issues in TS38.521-2 clauses 6.1, 6.4.2.1, 6.5.2.1, 7.3.2 && 7.5 was agreed. This CR is expected to be formally approved by the upcoming RAN#93-e meeting (13 -17 September 2021) and then implemented in the next version of TS 38.521-2 to be published in September 2021

RAN WG5 will continue working on the remaining editorial issues in the next meeting. However a list of the identified errors and typos that MSG TFES can provide will be helpful to make TS 38.521-x spec cleaned.

2. Actions:

RAN5 respectfully asks MSG TFES

1. To take the above mentioned way forward into account

2. To take into consideration upcoming TS38.521-x released specifications in Sept 2021 to update the EN 301908-25 specification

3. To provide the list of the editorial issues identified on TS 38.521-x that impact the EN 301 908-25.

**Discussion:**

(RF, Hajer)

Approved in RF. Confirmed again in the final joint.

sent.

**Decision:** The document was **approved**.

**R5-215763 Response LS to RAN4 on MU work for FR1 TRP TRS WI**

*Type: LS out For: Approval  
 to TSG WG RAN4  
 Source: TSG WG RAN5*

**Abstract:**

RAN5 thanks RAN4 for the LS in [1] informing about the work item start for the introduction of UE TRP (Total Radiated Power) and TRS (Total Radiated Sensitivity) requirements and test methodologies for FR1 (NR SA and EN DC), and the topics related to RAN5 as secondary responsible in the work item.

With regards to the coordination between groups, RAN5 appreciates RAN4’s recommendation to continue using LSs to provide feedback on MU assessment but, given the novelty introduced in this work item where RAN5 is responsible for approving TPs/CRs to a specification managed by another working group and the tight schedule to finish the work, RAN5 has decided on the following additional resources:

1. Appoint a topic coordinator (Mr. Jose M. Fortes – Rohde & Schwarz) with the following roles and responsibilities:

o Facilitate the discussion in RAN5.

o Formally input RAN4 decisions on test methods to RAN5.

o Submit RAN5 approved text proposals on MU assessment for TR 38.834 to RAN4 on behalf of RAN5.

2. Creation of a RAN5 mailing list dedicated to TRP-TRS: 3GPP\_TSG\_RAN\_WG5\_TRP-TRS-OTA. RAN5 highly recommends RAN4 delegates to subscribe to this reflector, and eventually provide inputs to the discussion.

In addition, based on the information presented in the LS and the inputs from companies during RAN5#92-e, MU workplan for NR FR1 TRP-TRS was approved in [2].

RAN5 respectfully asks RAN4 to take the above information into account.

Actions: To RAN4: RAN5 asks RAN4 to take the above information into account.

**Discussion:**

R&S (Jose`)

Approved.

a draft was presented.

sent Mon.

**Decision:** The document was **approved**.

**R5-215809 Discussion on AMPR edge RB allocation for NS**

*Type: LS out For: Approval  
 to TSG WG RAN4  
 Source: TSG WG RAN5*

**Abstract:**

In 38.521-1 specification, it is observed that for edge RB, A-MPR value is not explicitly mentioned for several NS scenarios. However, A-MPR values for “Outer” and “Inner” values are indicated under a row below values for different regions but edge RB allocation is omitted.

We can take an example of NS\_21. A-MPR values for “Outer” and “Inner” are indicated under a row below values for different regions (Regions A1a, A1b, A2, A3b and A3a). Interpreting regions A1a and A3a based on formula stated covers outermost allocations at the channel edges. If we consider 1RB@0 scenario which falls in Region A1a (RBstart ≤ 8, LCRB ≤ 3), we should choose 6 dB AMPR for edge allocation but because of “Outer/Inner” row it creates confusion about selecting AMPR value for such scenario.

It appears that row with phrases like “Outer/Inner” and “Outer” is redundant information and creating confusion for the A-MPR table for NS\_21.

Similar issues are found for other NS (example: NS\_24, NS\_27, NS\_46 etc.). This issue requires clarification and further analysis.

2. Actions: To RAN4 group: RAN5 requesting RAN4 group to clarify band edge requirement for NS\_21 and other NS values where AMPR requirement is defined as “Outer/Inner” but edge requirement is omitted.

**Discussion:**

(RF, Omar)

Qualcomm commented that this LS is maybe not necessary.

R&S: think there are 2 different interpretations, it needs clarification. Edge is not allowed if it is not listed.

Huawei agreed with R&S.

for email approval, Thu 8.9.

**Decision:** The document was **email approved**.

**R5-215764 LS on Revision of Recommendations ITU-R M.2070 and ITU-R M.2071 on Unwanted Emissions of IMT-Advanced**

*Type: LS out For: Approval  
 to TSG RAN  
 Source: TSG WG RAN5*

**Abstract:**

In the LS from ITU-R WP5D in RP-210747, the group “kindly invite the GCS Proponents of IMT-Advanced for Revision 5 of Recommendation ITU-R M.2012, to provide relevant materials for Recommendations ITU R M.2070 and ITU-R M.2071, consistent with the Revision 5 of Recommendation ITU-R M.2012. The Revision 5 of Recommendation ITU-R M.2012 is planned for completion by WP 5D in October 2021.” TSG RAN has tasked RAN4 and RAN5 to respond on the updates.

ITU-R Recommendation M.2071 is based on information from 3GPP TS 36.521-1 for E-UTRA UE. The existing revision 1 of ITU R M.2071 is aligned with ITU-R Rec M.2012-2 and based on TS 36.521-1 V12.6.0 (2015-06). The updated unwanted emissions recommendations should according to the LS be aligned with the coming revision 5 of M.2012, which will be based on the 2021-06 (Rel-16) version of 3GPP specifications. For RAN 5, this means TS 36.521-1 V 17.1.0 (2021-06), excluding Rel-17 features. The update thus covers changes over four 3GPP releases, which presents a major challenge. The following major changes needs to be covered:

• Addition of Dual Connectivity, ProSe, V2X and NB-IoT support. This has major impact in particular on operating band unwanted emissions, with new tables added for LTE UE. Existing tables also have major updates.

• Addition of new CA BW classes, with new tables for spectrum emission mask requirements.

• Addition of 24 new operating bands for LTE UE, with related additional requirements for protection of other services and co-existence limits.

• Additions of operating bands for UE category 0, M1, M2 and 1bis, with related requirements.

It should be noted that all updates mentioned above will already be completely covered by specifications references in the URL references in the coming revision 5 of M.2012. Copying the information into a separate recommendation update is for this reason duplication of information.

Overall, it has not been possible to finalize a complete update of Annex 1 of M.2071 in time for submission to TSG RAN#93-e. It is the view of RAN5 that a complete update can be produced in time for TSG RAN#94-e.

2 Actions: To TSG RAN: TSG RAN WG5 asks TSG RAN to take the above information for M.2071 into account when drafting the LS response to ITU-R WP5D.

**Discussion:**

E/// (Mats)

draft r1 was presented.

Approved.

sent.

**Decision:** The document was **approved**.

### 7.6 Confirmation of Future RAN5 Matters

**R5-214163 Review deadlines for next quarter**

*Type: other For: Information  
 Source: WG Chairman*

**Decision:** The document was **revised to R5-215674**.

**R5-215674 Review deadlines for next quarter**

*Type: other For: Information  
 Source: WG Chairman*

(Replaces R5-214163)

**Decision:** The document was **noted**.

### 7.7 AOB

**R5-216356 Sharat Chander Virtual Farewell Card**

*Type: other For: Presentation  
 Source: TSG WG RAN5*

**Decision:** The document was **not treated**.

## Annex A: Contribution documents and status

### A1: List of TDocs

2181 documents were submitted at RAN5#92-e. Plus 830 informal revisions (not shown here)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Decision | Replaces | Replaced by |
| R5-214150 | Agenda - opening session | WG Chairman | revised |  | R5-215676 |
| R5-214151 | RAN5#92-e E-Meeting Timelines, Scope, Process | WG Chairman | endorsed |  |  |
| R5-214152 | RAN5 Leadership Team | WG Chairman | noted |  |  |
| R5-214153 | RAN5#91-e WG Minutes | ETSI Secretariat | approved |  |  |
| R5-214154 | RAN5#91-e WG Action Points | ETSI Secretariat | noted |  |  |
| R5-214155 | Latest RAN Plenary notes | WG Chairman | revised |  | R5-215672 |
| R5-214156 | Latest RAN Plenary draft Report | WG Chairman | noted |  |  |
| R5-214157 | Post Plenary Active Work Item update | ETSI Secretariat | noted |  |  |
| R5-214158 | RAN5 SR to RP#92-e | WG Chairman | noted |  |  |
| R5-214159 | TF160 SR to RP#92-e | WG Chairman | noted |  |  |
| R5-214160 | RAN5#92-e LS Template | WG Chairman | noted |  |  |
| R5-214161 | Meeting schedule for 2021-22 | WG Chairman | noted |  |  |
| R5-214162 | WI Progress and Target Completion Date Review | WG Chairman | reserved |  |  |
| R5-214163 | Review deadlines for next quarter | WG Chairman | revised |  | R5-215674 |
| R5-214164 | Reply LS on 180 Ringing when preconditions are not used | TSG WG CT1 | noted |  |  |
| R5-214165 | LS reply on ""ICE support for establishing an MCPTT pre-established session"" | TSG WG CT1 | noted |  |  |
| R5-214166 | LS reply on SDP attribute a=key-mgmt:mikey | TSG WG CT1 | noted |  |  |
| R5-214167 | Reply LS on confirming successful resource reservation | TSG WG CT1 | noted |  |  |
| R5-214168 | LS reply on integrity and confidentiality protection of xcap-diff and pidf documents in MCPTT (TS 24.379) | TSG WG CT1 | noted |  |  |
| R5-214169 | LS on RAN4 recommendation for the 52.6 - 71 GHz frequency range designation | TSG WG RAN4 | noted |  |  |
| R5-214170 | Reply LS On minimum requirements for Transmit ON/OFF time mask in UL MIMO FR1 | TSG WG RAN4 | noted |  |  |
| R5-214171 | LS on time mask for NR V2X and LTE V2X switching in ITS band | TSG WG RAN4 | noted |  |  |
| R5-214172 | Reply LS to RAN5 LS on Frequency Bands for testing of A-GNSS Sensitivity requirements in NR and LTE | TSG WG RAN4 | noted |  |  |
| R5-214173 | LS on NR-U Test Cases subject to statistical testing | TSG WG RAN4 | withdrawn |  |  |
| R5-214174 | LS to RAN5 on MU work of FR1 TRP TRS WI | TSG WG RAN4 | noted |  |  |
| R5-214175 | Reply LS on 5G FR1 OTA Testing Method | TSG WG RAN4 | noted |  |  |
| R5-214176 | LS to RAN5 on LTE REFSENS Exceptions Simplification | TSG WG RAN4 | noted |  |  |
| R5-214177 | LS to 3GPP on the editorial issues of 5G-NR UE specifications in TSG RAN WG5 & TSG RAN WG4 | MSG TFES | noted |  |  |
| R5-214178 | LS Announcing the publication of GSMA TS.48 Generic eUICC Test Profile for Device Testing version 4.0 | GSMA TSG eSIMTP | noted |  |  |
| R5-214179 | LS on NR-U Test Cases subject to statistical testing | TSG WG RAN4 | noted |  |  |
| R5-214180 | LS on RAN4 updates to TR 37.901-5 | TSG WG RAN4 | noted |  |  |
| R5-214181 | Corrections to PICS for OTDOA and ECID | Spirent Communications | agreed |  |  |
| R5-214182 | Update applicability for OTDOA (LTE) test cases for NR | Spirent Communications | withdrawn |  |  |
| R5-214183 | Update applicability for OTDOA (LTE) test cases for NR | Spirent Communications | withdrawn |  |  |
| R5-214184 | Introduction of updated GNSS scenarios | Spirent Communications, Rohde & Schwarz, CATT, CAICT | revised |  | R5-216006 |
| R5-214185 | Introduction of updated GNSS scenarios | Spirent Communications, Rohde & Schwarz, CATT, CAICT | revised |  | R5-215711 |
| R5-214186 | Updating UE capabilities for Rel-17 CA,DC,SUL band combinations within FR1 into TS 38.508-2 | China Telecommunications | revised |  | R5-216115 |
| R5-214187 | Update of R17 CA and SUL configurations into TS38.521-1 clause 5 | China Telecommunications | withdrawn |  |  |
| R5-214188 | Update of R17 CADC configurations into TS38.521-3 clause 5 | China Telecommunications | agreed |  |  |
| R5-214189 | TT analysis for RRM test cases 5.7.2.2 and 7.7.2.2 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214190 | TT analysis for RRM test cases 5.7.3.2 and 7.7.3.2 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214191 | Completion 5.7.1.2 including TT analysis results | ROHDE & SCHWARZ | revised |  | R5-216048 |
| R5-214192 | Completion 5.7.2.2 including TT analysis results | ROHDE & SCHWARZ | revised |  | R5-216049 |
| R5-214193 | Completion 5.7.3.2 including TT analysis results | ROHDE & SCHWARZ | revised |  | R5-216050 |
| R5-214194 | Completion 7.7.1.2 including TT analysis results | ROHDE & SCHWARZ | revised |  | R5-216052 |
| R5-214195 | Completion 7.7.2.2 including TT analysis results | ROHDE & SCHWARZ | agreed |  |  |
| R5-214196 | Completion 7.7.3.2 including TT analysis results | ROHDE & SCHWARZ | revised |  | R5-216053 |
| R5-214197 | Annex E and F update for FR2 inter-frequency periodic measurements tests | ROHDE & SCHWARZ | agreed |  |  |
| R5-214198 | Completion 7.7.1.1 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214199 | Completion 7.7.2.1 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214200 | Completion 7.7.3.1 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214201 | Updating Test Frequencies for Rel-17 CA,DC band combinations within FR1 into TS 38.508-1 | China Telecommunications | revised |  | R5-215969 |
| R5-214202 | On the achievable SNR for demod test cases | ROHDE & SCHWARZ | noted |  |  |
| R5-214203 | Update of FR2 demod test cases | ROHDE & SCHWARZ, Anritsu, Qualcomm | revised |  | R5-216096 |
| R5-214204 | Update of demod SNR testability | ROHDE & SCHWARZ, Anritsu | revised |  | R5-216102 |
| R5-214205 | Corrections to IMS5GS test case 6.4 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214206 | SR - NR\_SON\_MDT-UEConTest after RAN5#92-e | CMCC, Ericsson | noted |  |  |
| R5-214207 | WP - NR\_SON\_MDT-UEConTest after RAN5#92-e | CMCC, Ericsson | noted |  |  |
| R5-214208 | Addition of new test case 7.1.1.6.5 for Multi configured uplink grants in NR IIoT | CMCC | agreed |  |  |
| R5-214209 | Applicability statement for new test case for Multi configured uplink grants in NR IIoT | CMCC | agreed |  |  |
| R5-214210 | Addition of new test case 8.1.6.2.1 for Immediate MDT in Inter-RAT MDT | CMCC | revised |  | R5-216285 |
| R5-214211 | Addition of new test case 8.1.6.2.2 for Logged MDT in Inter-RAT MDT | CMCC | revised |  | R5-216286 |
| R5-214212 | Addition of new test case 8.1.6.2.3 for Radio Link Failure in Inter-RAT MDT | CMCC | revised |  | R5-216287 |
| R5-214213 | Addition of new test case 8.1.6.2.4 for Connection Establishment Failure in Inter-RAT MDT | CMCC | revised |  | R5-216288 |
| R5-214214 | Applicability statement for new test cases for Inter-RAT MDT | CMCC | agreed |  |  |
| R5-214215 | Corrections to LTE IMS test case 22.7 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214216 | Corrections to IMS over 5GS test case 7.33 | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-214217 | Update test case 7.3.5.6 | Ericsson | revised |  | R5-216248 |
| R5-214218 | Corrections to applicability statements of IMS over 5GS test cases | ROHDE & SCHWARZ | revised |  | R5-216206 |
| R5-214219 | Corrections to IMS5GS test case 7.1 | ROHDE & SCHWARZ, Apple Inc | revised |  | R5-216210 |
| R5-214220 | On the wording of precondition configuration | Rohde & Schwarz, MediaTek, Huawei, Hisilicon | noted |  |  |
| R5-214221 | Updating clause 6.2C.2 for Rel-17 SUL combinations in TS 38.521-1 | China Telecommunications | agreed |  |  |
| R5-214222 | Adding references | ROHDE & SCHWARZ | revised |  | R5-216211 |
| R5-214223 | Corrections to IMS5GS test case 7.24 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214224 | Update clause 7 for R17 CA and SUL RX characteristics in TS 38.521-1 | China Telecommunications | agreed |  |  |
| R5-214225 | Corrections to IMS5GS Generic Procedures A.7 and A.8 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214226 | Corrections to IMS5GS test case 7.25 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214227 | GCF 3GPP TCL after GCF CAG#67 | Ericsson | noted |  |  |
| R5-214228 | RAN5#92-e summary of changes to RAN5 test cases with potential impact on GCF and PTCRB | Ericsson | reserved |  |  |
| R5-214229 | 3GPP RAN5 CA status list (pre-RAN5#92-e meeting) | Ericsson | noted |  |  |
| R5-214230 | 3GPP RAN5 CA status list (post-RAN5#92-e meeting) | Ericsson | noted |  |  |
| R5-214231 | WP UE Conformance Test Aspects - Rel-14 LTE CA configurations | Ericsson | noted |  |  |
| R5-214232 | SR UE Conformance Test Aspects - Rel-14 LTE CA configurations | Ericsson | noted |  |  |
| R5-214233 | WP UE Conformance Test Aspects - Rel-15 LTE CA configurations | Ericsson | noted |  |  |
| R5-214234 | SR UE Conformance Test Aspects - Rel-15 LTE CA configurations | Ericsson | noted |  |  |
| R5-214235 | WP UE Conformance Test Aspects - Rel-16 LTE CA configurations | Ericsson | noted |  |  |
| R5-214236 | SR UE Conformance Test Aspects - Rel-16 LTE CA configurations | Ericsson | noted |  |  |
| R5-214237 | WP UE Conformance Test Aspects - 5G system with NR and LTE | Ericsson | reserved |  |  |
| R5-214238 | SR UE Conformance Test Aspects - 5G system with NR and LTE | Ericsson | reserved |  |  |
| R5-214239 | 5GS progress report RAN5#92-e | Ericsson | reserved |  |  |
| R5-214240 | Update of RAN5 5G NR phases and target update RAN5#92-e | Ericsson | reserved |  |  |
| R5-214241 | WP UE Conformance Test Aspects - New Rel-16 NR bands and extension of existing NR bands | Ericsson | reserved |  |  |
| R5-214242 | SR UE Conformance Test Aspects - New Rel-16 NR bands and extension of existing NR bands | Ericsson | reserved |  |  |
| R5-214243 | Checklist - Adding new NR band or channel bandwidth to existing bands | Ericsson | noted |  |  |
| R5-214244 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_1A\_n28A | Ericsson, Orange | revised |  | R5-216014 |
| R5-214245 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_1A\_n77A | Ericsson | agreed |  |  |
| R5-214246 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_1A\_n79A | Ericsson | agreed |  |  |
| R5-214247 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_3A\_n28A | Ericsson, Orange | agreed |  |  |
| R5-214248 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_3A\_n77A | Ericsson | agreed |  |  |
| R5-214249 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_7A\_n28A | Ericsson, Orange | agreed |  |  |
| R5-214250 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_19A\_n77A | Ericsson | agreed |  |  |
| R5-214251 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_19A\_n78A | Ericsson | agreed |  |  |
| R5-214252 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_19A\_n79A | Ericsson | agreed |  |  |
| R5-214253 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_20A\_n28A | Ericsson, Orange | agreed |  |  |
| R5-214254 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_20A\_n78A | Ericsson, Huawei, HiSilicon | revised |  | R5-215919 |
| R5-214255 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_21A\_n77A | Ericsson | agreed |  |  |
| R5-214256 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_21A\_n78A | Ericsson | agreed |  |  |
| R5-214257 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_21A\_n79A | Ericsson | agreed |  |  |
| R5-214258 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_28A\_n77A | Ericsson | agreed |  |  |
| R5-214259 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_28A\_n78A | Ericsson | withdrawn |  |  |
| R5-214260 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_28A\_n79A | Ericsson | agreed |  |  |
| R5-214261 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_42A\_n77A | Ericsson | agreed |  |  |
| R5-214262 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_1A\_n78A | Ericsson | agreed |  |  |
| R5-214263 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_3A\_n79A | Ericsson | agreed |  |  |
| R5-214264 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_5A\_n66A | Ericsson | agreed |  |  |
| R5-214265 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_5A\_n78A | Ericsson | agreed |  |  |
| R5-214266 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_7A\_n78A | Ericsson, Orange | agreed |  |  |
| R5-214267 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_11A\_n77A | Ericsson | agreed |  |  |
| R5-214268 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_11A\_n78A | Ericsson | agreed |  |  |
| R5-214269 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_11A\_n79A | Ericsson | agreed |  |  |
| R5-214270 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_25A\_n41A | Ericsson | revised |  | R5-215920 |
| R5-214271 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_26A\_n77A | Ericsson | agreed |  |  |
| R5-214272 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_26A\_n78A | Ericsson | agreed |  |  |
| R5-214273 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_39A\_n79A | Ericsson | agreed |  |  |
| R5-214274 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_41A\_n77A | Ericsson | agreed |  |  |
| R5-214275 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_41A\_n78A | Ericsson | agreed |  |  |
| R5-214276 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_41A\_n79A | Ericsson | agreed |  |  |
| R5-214277 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_66A\_n5A | Ericsson | agreed |  |  |
| R5-214278 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_66A\_n78A | Ericsson | agreed |  |  |
| R5-214279 | Introduction of Rel-15 EN-DC DC\_1A\_n28A to spurious emission test cases | Ericsson | revised |  | R5-216007 |
| R5-214280 | Introduction of Rel-15 EN-DC DC\_1A\_n77A to spurious emission test cases | Ericsson | agreed |  |  |
| R5-214281 | Introduction of Rel-15 EN-DC DC\_1A\_n79A to spurious emission test cases | Ericsson | agreed |  |  |
| R5-214282 | Introduction of Rel-15 EN-DC DC\_3A\_n28A to spurious emission test cases | Ericsson, Orange | agreed |  |  |
| R5-214283 | Introduction of Rel-15 EN-DC DC\_3A\_n77A to spurious emission test cases | Ericsson | agreed |  |  |
| R5-214284 | Introduction of Rel-15 EN-DC DC\_7A\_n28A to spurious emission test cases | Ericsson, Orange | revised |  | R5-216008 |
| R5-214285 | Introduction of Rel-15 EN-DC DC\_19A\_n77A to spurious emission test cases | Ericsson | revised |  | R5-215863 |
| R5-214286 | Introduction of Rel-15 EN-DC DC\_19A\_n78A to spurious emission test cases | Ericsson | revised |  | R5-215864 |
| R5-214287 | Introduction of Rel-15 EN-DC DC\_19A\_n79A to spurious emission test cases | Ericsson | revised |  | R5-215865 |
| R5-214288 | Introduction of Rel-15 EN-DC DC\_20A\_n28A to spurious emission test cases | Ericsson, Orange, Huawei, HiSilicon | revised |  | R5-216009 |
| R5-214289 | Introduction of Rel-15 EN-DC DC\_20A\_n78A to spurious emission test cases | Ericsson, Huawei, HiSilicon | revised |  | R5-215866 |
| R5-214290 | Introduction of Rel-15 EN-DC DC\_21A\_n77A to spurious emission test cases | Ericsson | agreed |  |  |
| R5-214291 | Introduction of Rel-15 EN-DC DC\_21A\_n78A to spurious emission test cases | Ericsson | agreed |  |  |
| R5-214292 | Introduction of Rel-15 EN-DC DC\_21A\_n79A to spurious emission test cases | Ericsson | agreed |  |  |
| R5-214293 | Introduction of Rel-15 EN-DC DC\_28A\_n77A to spurious emission test cases | Ericsson | agreed |  |  |
| R5-214294 | Introduction of Rel-15 EN-DC DC\_28A\_n78A to spurious emission test cases | Ericsson | withdrawn |  |  |
| R5-214295 | Introduction of Rel-15 EN-DC DC\_28A\_n79A to spurious emission test cases | Ericsson | revised |  | R5-215867 |
| R5-214296 | Introduction of Rel-15 EN-DC DC\_42A\_n77A to spurious emission test cases | Ericsson | agreed |  |  |
| R5-214297 | Update of Rel-15 EN-DC DC\_1A\_n78A in spurious emission test cases | Ericsson | revised |  | R5-216038 |
| R5-214298 | Update of Rel-15 EN-DC DC\_3A\_n79A in spurious emission test cases | Ericsson | agreed |  |  |
| R5-214299 | Update of Rel-15 EN-DC DC\_5A\_n66A in spurious emission test cases | Ericsson | agreed |  |  |
| R5-214300 | Update of Rel-15 EN-DC DC\_5A\_n78A in spurious emission test cases | Ericsson | revised |  | R5-215868 |
| R5-214301 | Update of Rel-15 EN-DC DC\_7A\_n78A in spurious emission test cases | Ericsson, Orange | agreed |  |  |
| R5-214302 | Update of Rel-15 EN-DC DC\_11A\_n77A in spurious emission test cases | Ericsson | agreed |  |  |
| R5-214303 | Update of Rel-15 EN-DC DC\_11A\_n78A in spurious emission test cases | Ericsson | agreed |  |  |
| R5-214304 | Update of Rel-15 EN-DC DC\_11A\_n79A in spurious emission test cases | Ericsson | agreed |  |  |
| R5-214305 | Update of Rel-15 EN-DC DC\_25A\_n41A in spurious emission test cases | Ericsson | revised |  | R5-215869 |
| R5-214306 | Update of Rel-15 EN-DC DC\_26A\_n77A in spurious emission test cases | Ericsson | revised |  | R5-216010 |
| R5-214307 | Update of Rel-15 EN-DC DC\_26A\_n78A in spurious emission test cases | Ericsson | agreed |  |  |
| R5-214308 | Update of Rel-15 EN-DC DC\_39A\_n79A in spurious emission test cases | Ericsson | agreed |  |  |
| R5-214309 | Update of Rel-15 EN-DC DC\_41A\_n77A in spurious emission test cases | Ericsson | agreed |  |  |
| R5-214310 | Update of Rel-15 EN-DC DC\_41A\_n78A in spurious emission test cases | Ericsson | agreed |  |  |
| R5-214311 | Update of Rel-15 EN-DC DC\_41A\_n79A in spurious emission test cases | Ericsson | agreed |  |  |
| R5-214312 | Update of Rel-15 EN-DC DC\_66A\_n5A in spurious emission test cases | Ericsson | agreed |  |  |
| R5-214313 | Update of Rel-15 EN-DC DC\_66A\_n78A in spurious emission test cases | Ericsson | agreed |  |  |
| R5-214314 | Corrections to IMS5GS test case 7.21 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214315 | Update of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_40A\_n1A | Ericsson | agreed |  |  |
| R5-214316 | Update of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_40A\_n78A | Ericsson | agreed |  |  |
| R5-214317 | Update of Rel-16 EN-DC DC\_40A\_n1A in spurious emission test cases | Ericsson | agreed |  |  |
| R5-214318 | Update of Rel-16 EN-DC DC\_40A\_n78A in spurious emission test cases | Ericsson | agreed |  |  |
| R5-214319 | Updating clause 6 for Rel-17 EN-DC combinations in TS 38.521-3 | China Telecommunications | revised |  | R5-215805 |
| R5-214320 | Corrections to IMS5GS test case 7.12 | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-214321 | WP UE Conformance Test Aspects – Rel14 Enhanced Full Dimension MIMO for LTE | Ericsson | noted |  |  |
| R5-214322 | SR UE Conformance Test Aspects – Rel14 Enhanced Full Dimension MIMO for LTE | Ericsson | noted |  |  |
| R5-214323 | Discussion on FR1 ON/OFF time mask test procedure | Ericsson | noted |  |  |
| R5-214324 | Update of NR FR1 General ON-OFF time mask test case | Ericsson | revised |  | R5-216029 |
| R5-214325 | Update of NR FR1 SRS time mask test case | Ericsson | revised |  | R5-216030 |
| R5-214326 | Discussion on TT and relaxation in FR2 test cases with testability issue | Ericsson | revised |  | R5-215826 |
| R5-214327 | Update to FR2 minimum output power test case | Ericsson | revised |  | R5-216087 |
| R5-214328 | Update to FR2 ACLR test case | Ericsson, Anritsu | revised |  | R5-216088 |
| R5-214329 | Introduction of eFD-MIMO in FDD demod test with aperiodic ZP CSI-RS | Ericsson | agreed |  |  |
| R5-214330 | Introduction of eFD-MIMO in TDD demod test with aperiodic ZP CSI-RS | Ericsson | agreed |  |  |
| R5-214331 | Applicability for eFD-MIMO demod test cases | Ericsson | agreed |  |  |
| R5-214332 | Introduction of NR-U MOP test case | Ericsson | revised |  | R5-215983 |
| R5-214333 | Introduction of NR-U in general clauses | Ericsson | revised |  | R5-215984 |
| R5-214334 | Introduction of ICS for NR-U | Ericsson | agreed |  |  |
| R5-214335 | Clarification of SA and NSA support in the UE | Ericsson | revised |  | R5-215870 |
| R5-214336 | Corrections to IMS5GS test case 7.20 | ROHDE & SCHWARZ | revised |  | R5-216212 |
| R5-214337 | Corrections to IMS5GS test case 7.22 | ROHDE & SCHWARZ | revised |  | R5-216213 |
| R5-214338 | Change to EN-DC L1-RSRP test cases to add evaluation rules | ROHDE & SCHWARZ | revised |  | R5-215903 |
| R5-214339 | Correction to 4.5.1.1 message contents and core spec alignment | ROHDE & SCHWARZ | agreed |  |  |
| R5-214340 | Correction to 4.5.1.2 core spec alignment | ROHDE & SCHWARZ | revised |  | R5-215904 |
| R5-214341 | Correction to 4.5.1.3 message contents and core spec alignment | ROHDE & SCHWARZ | revised |  | R5-215905 |
| R5-214342 | Correction to 4.5.1.4 core spec alignment | ROHDE & SCHWARZ | agreed |  |  |
| R5-214343 | Correction to 4.5.1.5 message contents and core spec alignment | ROHDE & SCHWARZ | agreed |  |  |
| R5-214344 | Correction to 4.5.1.7 message contents and core spec alignment | ROHDE & SCHWARZ | revised |  | R5-215906 |
| R5-214345 | Correction to 4.4.1.1 and core spec alignment | ROHDE & SCHWARZ | agreed |  |  |
| R5-214346 | Correction to 4.5.7.1 and core spec alignment | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-214347 | Editorial corrections and core spec alignment for 5.7.1.1 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214348 | Editorial corrections and core spec alignment for 5.7.2.1 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214349 | Editorial corrections and core spec alignment for 5.7.3.1 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214350 | Core spec alignment for 5.6.1.1 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214351 | Core spec alignment for 5.6.1.2 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214352 | Core spec alignment for 5.6.1.3 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214353 | Core spec alignment for 5.6.1.4 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214354 | Correction to 5.6.2.1 message contents | ROHDE & SCHWARZ | agreed |  |  |
| R5-214355 | Correction to 5.6.2.2 message contents | ROHDE & SCHWARZ | agreed |  |  |
| R5-214356 | Correction to 5.6.2.3 message contents | ROHDE & SCHWARZ | agreed |  |  |
| R5-214357 | Correction to 5.6.2.4 message contents | ROHDE & SCHWARZ | agreed |  |  |
| R5-214358 | Correction to 5.6.2.5 message contents | ROHDE & SCHWARZ | agreed |  |  |
| R5-214359 | Correction to 5.6.2.6 message contents | ROHDE & SCHWARZ | agreed |  |  |
| R5-214360 | Correction to 5.6.2.7 message contents | ROHDE & SCHWARZ | agreed |  |  |
| R5-214361 | Correction to 5.6.2.8 message contents | ROHDE & SCHWARZ | agreed |  |  |
| R5-214362 | Change to SA L1-RSRP test cases to add evaluation rules | ROHDE & SCHWARZ | revised |  | R5-215908 |
| R5-214363 | Correction to 6.5.1.1 message contents and core spec alignment | ROHDE & SCHWARZ | agreed |  |  |
| R5-214364 | Correction to 6.5.1.3 message contents and core spec alignment | ROHDE & SCHWARZ | revised |  | R5-215909 |
| R5-214365 | Correction to 6.5.1.5 message contents and core spec alignment | ROHDE & SCHWARZ | agreed |  |  |
| R5-214366 | Correction to 6.5.1.7 message contents and core spec alignment | ROHDE & SCHWARZ | revised |  | R5-215910 |
| R5-214367 | Correction to 6.3.1.6 and core spec alignment | ROHDE & SCHWARZ | agreed |  |  |
| R5-214368 | Correction to 6.5.2.1 and core spec alignment | ROHDE & SCHWARZ | agreed |  |  |
| R5-214369 | Correction to 6.5.3.1 and core spec alignment | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-214370 | Correction to 6.7.5.1 and core spec alignment | ROHDE & SCHWARZ | agreed |  |  |
| R5-214371 | Correction to 6.7.6.1 and core spec alignment | ROHDE & SCHWARZ | agreed |  |  |
| R5-214372 | Correction to 6.7.7.1 and core spec alignment | ROHDE & SCHWARZ | agreed |  |  |
| R5-214373 | Core spec alignment for 7.6.1.1 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214374 | Core spec alignment for 7.6.1.2 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214375 | Core spec alignment for 7.6.1.3 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214376 | Core spec alignment for 7.6.1.4 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214377 | Change title of iRAT test cases for clarity | ROHDE & SCHWARZ | revised |  | R5-215913 |
| R5-214378 | Correction to 8.3.1.1 and core spec alignment | ROHDE & SCHWARZ | agreed |  |  |
| R5-214379 | Change title of iRAT test cases for clarity - Annexes | ROHDE & SCHWARZ | revised |  | R5-215915 |
| R5-214380 | Change title of iRAT test cases for clarity - Applicability | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-214381 | Correct dl\_DataToUL\_ACK for short DCI test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-214382 | Corrections to IMS5GS test case 7.23 | ROHDE & SCHWARZ | revised |  | R5-216214 |
| R5-214383 | Introduction of new clause 6.3A.4.4 and Minimum conformance requirements | 3in | revised |  | R5-215848 |
| R5-214384 | Update clause 7 for R17 DC RX characteristics in TS 38.521-3 | China Telecommunications | agreed |  |  |
| R5-214385 | Introduction of NR FR2 Test Points For Aggregate power tolerance for CA | 3in | agreed |  |  |
| R5-214386 | Corrections to IMS5GS Generic Procedure A.15 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214387 | Corrections to IMS5GS Generic Procedure A.16 | ROHDE & SCHWARZ | revised |  | R5-216215 |
| R5-214388 | Adding applicabilities for new IMS5GS test cases | ROHDE & SCHWARZ | revised |  | R5-215719 |
| R5-214389 | Update of 5G-NR test cases applicability | Qualcomm Incorporated, CAICT, Lenovo, Motorola Mobility | revised |  | R5-216204 |
| R5-214390 | Add test case 8.1.1.4.4 | Ericsson | agreed |  |  |
| R5-214391 | Add test case 8.1.1.4.5 | Ericsson | agreed |  |  |
| R5-214392 | Add test case 8.1.1.4.6 | Ericsson | agreed |  |  |
| R5-214393 | Introduction of Aggregate power tolerance for CA (2UL CA) | 3in | withdrawn |  |  |
| R5-214394 | Corrections to IMS5GS test case 7.14 | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-214395 | Addition of FR1 mobility enhancement TC 6.3.1.9-Intra-band inter-frequency sync DAPS HO in SA for FR1 | China Telecommunications | agreed |  |  |
| R5-214396 | Introduction of Aggregate power tolerance for CA (3UL CA) | 3in | withdrawn |  |  |
| R5-214397 | Introduction of Aggregate power tolerance for CA (4UL CA) | 3in | withdrawn |  |  |
| R5-214398 | Introduction of Aggregate power tolerance for CA (5UL CA) | 3in | withdrawn |  |  |
| R5-214399 | Introduction of Aggregate power tolerance for CA (6UL CA) | 3in | withdrawn |  |  |
| R5-214400 | Introduction of Aggregate power tolerance for CA (7UL CA) | 3in | withdrawn |  |  |
| R5-214401 | Add test applicability for several NR MobEnc DAPS handover test cases | China Telecommunications | withdrawn |  |  |
| R5-214402 | Discussion about Test tolerance of Band n259 | DOCOMO Communications Lab. | noted |  |  |
| R5-214403 | Aligning PICS usage for IMS emergency calls | ROHDE & SCHWARZ | revised |  | R5-215727 |
| R5-214404 | Aligning PICS usage for IMS emergency calls | ROHDE & SCHWARZ | revised |  | R5-215717 |
| R5-214405 | Correct CSI-MeasConfig for test cases with 1SSB | ROHDE & SCHWARZ | revised |  | R5-215835 |
| R5-214406 | Complete CSI-ReportConfig for RRM | ROHDE & SCHWARZ | revised |  | R5-215836 |
| R5-214407 | Clarification of test procedure for 4.3.2.2.1 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214408 | Corrections to 4.7.1.x.y SS-RSRP test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-214409 | Corrections to 4.7.2.x SS-RSRQ test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-214410 | Corrections to 4.7.3.x SS-SINR test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-214411 | Corrections to 4.5.1.6 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214412 | Corrections to 4.5.1.8 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214413 | Core spec alignment of EN-DC FR2 PRACH | ROHDE & SCHWARZ | agreed |  |  |
| R5-214414 | Corrections to 6.5.1.2 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214415 | Corrections to 6.5.1.4 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214416 | Corrections to 6.7.1.x.y SS-RSRP test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-214417 | Corrections to 6.7.2.x SS-RSRQ test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-214418 | Corrections to 6.7.3.x SS-SINR test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-214419 | Corrections to 6.5.1.6 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214420 | Corrections to 6.5.1.8 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214421 | Align 6.3.2.2.x to core spec | ROHDE & SCHWARZ | agreed |  |  |
| R5-214422 | Align 6.4.3.1 to core spec | ROHDE & SCHWARZ | agreed |  |  |
| R5-214423 | Align 6.6.2.x to core spec | ROHDE & SCHWARZ | agreed |  |  |
| R5-214424 | Align 6.6.3.x to core spec | ROHDE & SCHWARZ | agreed |  |  |
| R5-214425 | Completion Annex C.2.3 | ROHDE & SCHWARZ | revised |  | R5-216055 |
| R5-214426 | Correction to Table H.3.5-9 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214427 | Clarification CSI-ReportConfig from Annex H | ROHDE & SCHWARZ | agreed |  |  |
| R5-214428 | Corrections to IMS5GS test case 8.30 | ROHDE & SCHWARZ | revised |  | R5-215721 |
| R5-214429 | Correction to RRC reconfiguration Test Case 8.1.2.1.1 | Apple (UK) Limited | revised |  | R5-216177 |
| R5-214430 | Correction to Carrier Aggregation Test Case 8.2.4.1.1.1 | Apple (UK) Limited | revised |  | R5-216184 |
| R5-214431 | Addition of condition SCell\_mod to ServingCellConfig (4.6.3-167) | Apple (UK) Limited | withdrawn |  |  |
| R5-214432 | FR2 Measurement Uncertainty (MU) and Test Tolerances (TT) Target Completion Update | AT&T | noted |  |  |
| R5-214433 | Add test case 8.1.1.4.7 | Ericsson | agreed |  |  |
| R5-214434 | Add test case 8.1.1.4.8 | Ericsson | agreed |  |  |
| R5-214435 | Add test case 8.1.1.4.9 | Ericsson | agreed |  |  |
| R5-214436 | Correction to 38.508 Table 4.8.2.3-2: Reference QoS flow #2 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214437 | Correction to NR5GC testcase 11.4.6 | ROHDE & SCHWARZ, Mediatek, Qualcomm | revised |  | R5-216196 |
| R5-214438 | Correction to LTE testcase 7.2.2.8 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214439 | Correction to NBIOT testcase 22.5.21 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214440 | Corrections to NR5GC testcase 11.3.2 | ROHDE & SCHWARZ, Huawei, HiSilicon, Qualcomm | revised |  | R5-216191 |
| R5-214441 | Corrections and Addition of NR PICS | Lenovo and Motorola Mobility | agreed |  |  |
| R5-214442 | New generic procedure for activation and de-activation of Supplementary Services | ROHDE & SCHWARZ | agreed |  |  |
| R5-214443 | New generic procedure for GAA XCAP authentication | ROHDE & SCHWARZ | agreed |  |  |
| R5-214444 | Corrections to IMS5GS test case 7.27 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214445 | Corrections to IMS5GS test case 7.28 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214446 | Corrections to IMS5GS test case 7.29 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214447 | Corrections to IMS5GS test case 7.30 | ROHDE & SCHWARZ | revised |  | R5-215722 |
| R5-214448 | Corrections to IMS5GS test case 7.31 | ROHDE & SCHWARZ | revised |  | R5-216216 |
| R5-214449 | Corrections to IMS5GS test case 7.32 | ROHDE & SCHWARZ | revised |  | R5-216217 |
| R5-214450 | Corrections to IMS over 5GS test case 7.33 | ROHDE & SCHWARZ, Qualcomm Inc | agreed |  |  |
| R5-214451 | Corrections to IMS5GS test case 7.34 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214452 | Introduction of new TC 6.3A.4.4.1 Aggregate power tolerance for CA (2UL CA) | 3in | revised |  | R5-215849 |
| R5-214453 | Introduction of new TC 6.3A.4.4.2 Aggregate power tolerance for CA (3UL CA) | 3in | revised |  | R5-215850 |
| R5-214454 | Introduction of new TC 6.3A.4.4.3 Aggregate power tolerance for CA (4UL CA) | 3in | revised |  | R5-215851 |
| R5-214455 | Introduction of new TC 6.3A.4.4.4 Aggregate power tolerance for CA (5UL CA) | 3in | revised |  | R5-215852 |
| R5-214456 | Introduction of new TC 6.3A.4.4.5 Aggregate power tolerance for CA (6UL CA) | 3in | revised |  | R5-215853 |
| R5-214457 | Introduction of new TC 6.3A.4.4.6 Aggregate power tolerance for CA (7UL CA) | 3in | revised |  | R5-215854 |
| R5-214458 | Introduction of new TC 6.3A.4.4.7 Aggregate power tolerance for CA (8UL CA) | 3in | revised |  | R5-215855 |
| R5-214459 | Update Test Cases 8.1.1.8 and 8.1.1.9 to specify PowerBoost for WUS configuration | Tech Mahindra Limited | agreed |  |  |
| R5-214460 | Update Test Case 8.1.5.1.1 to allow segmentation of UE Capability Information | Tech Mahindra Limited | revised |  | R5-216276 |
| R5-214461 | Modification of the TC 8.2.1.1.1 to allow uplink segmentation for Rel-16 RACS | Tech Mahindra Limited | revised |  | R5-216277 |
| R5-214462 | SR - Rel-16 IiOT after RAN5#92-e | CMCC | revised |  | R5-216354 |
| R5-214463 | WP - Rel-16 IiOT after RAN5#92-e | CMCC | revised |  | R5-216355 |
| R5-214464 | SR - Rel-16 HST after RAN5#92-e | CMCC | noted |  |  |
| R5-214465 | WP - Rel-16 HST after RAN5#92-e | CMCC | noted |  |  |
| R5-214466 | SR - Rel-16 eNS after RAN5#92-e | CMCC | noted |  |  |
| R5-214467 | WP - Rel-16 eNS after RAN5#92-e | CMCC | noted |  |  |
| R5-214468 | SR - FS\_NR\_Slice\_Test after RAN5#92-e | CMCC | noted |  |  |
| R5-214469 | WP - FS\_NR\_Slice\_Test after RAN5#92-e | CMCC | noted |  |  |
| R5-214470 | SR - NR\_Rel-16\_CA\_DC after RAN5#92-e | CMCC | reserved |  |  |
| R5-214471 | WP - NR\_Rel-16\_CA\_DC after RAN5#92-e | CMCC | reserved |  |  |
| R5-214472 | Checklist - NR\_Rel-16\_CA\_DC for RAN5#92-e | CMCC, BV | noted |  |  |
| R5-214473 | New WID - UE Conformance Test Aspects - High power UE (power class 1.5) for NR band n79 | CMCC | revised |  | R5-215704 |
| R5-214474 | New WID - UE Conformance Test Aspects - High power UE (power class 2) for NR band n34 | CMCC | revised |  | R5-215705 |
| R5-214475 | New WID - UE Conformance Test Aspects - High power UE (power class 2) for NR band n39 | CMCC | revised |  | R5-215706 |
| R5-214476 | Addition of Configured Tx Power Minimum Conformance Requirements for n41 Power Class 1.5 | CMCC | agreed |  |  |
| R5-214477 | Addition of MOP for UL MIMO Minimum Conformance Requirements for n41 Power Class 1.5 | CMCC | agreed |  |  |
| R5-214478 | Addition of MOP for UL MIMO Test Requirements for n41 Power Class 1.5 | CMCC | revised |  | R5-215999 |
| R5-214479 | Update of NR ACLR Test Requirement for n41 Power Class 1.5 | CMCC | agreed |  |  |
| R5-214480 | 38.522 Jumbo CR for R16 CADC configurations | CMCC | agreed |  |  |
| R5-214481 | Update of Applicability and Titles for ACS for EN-DC within FR1 | CMCC | agreed |  |  |
| R5-214482 | fwd on how to handle Option4 test cases | CMCC,Deutsche Telekom, TIM, Qualcomm, ZTE, CATT, Orange, Spirent | revised |  | R5-215766 |
| R5-214483 | Clarification on NSA Option 3 Tx test cases | CMCC | agreed |  |  |
| R5-214484 | Clarification on NSA Option 3 Rx test cases | CMCC | agreed |  |  |
| R5-214485 | Addition of 6.4B.1.3A Frequency Error for inter-band NE-DC within FR1 | CMCC | revised |  | R5-215871 |
| R5-214486 | Addition of 6.4B.2.3A.1 Error Vector Magnitude for inter-band NE-DC within FR1 | CMCC | revised |  | R5-215872 |
| R5-214487 | Addition of 6.4B.2.3A.2 Carrier Leakage for inter-band NE-DC within FR1 | CMCC | revised |  | R5-215873 |
| R5-214488 | Addition of 6.4B.2.3A.3 In-band Emissions for inter-band NE-DC within FR1 | CMCC | revised |  | R5-215874 |
| R5-214489 | Addition of 6.4B.2.3A.4 EVM Equalizer Flatnessfor inter-band NE-DC within FR1 | CMCC | withdrawn |  |  |
| R5-214490 | Addition of 6.5B.2.3A.1 Spectrum emissions mask for Inter-band NE-DC within FR1 | CMCC | revised |  | R5-215875 |
| R5-214491 | Addition of 6.5B.2.3A.2 Additional Spectrum emissions mask for Inter-band NE-DC within FR1 | CMCC | revised |  | R5-215876 |
| R5-214492 | Addition of 6.5B.2.3A.3 Adjacent channel leakage ratio for inter-band NE-DC within FR1 | CMCC | revised |  | R5-215877 |
| R5-214493 | Addition of 6.5B.3.3A.1 General Spurious Emissions for Inter-band NE-DC within FR1 | CMCC | revised |  | R5-215878 |
| R5-214494 | Addition of 6.5B.3.3A.2 Spurious Emission band UE co-existence for Inter-band NE-DC within FR1 | CMCC | withdrawn |  |  |
| R5-214495 | Addition of 6.5B.5.3A Transmit Intermodulation for Inter-band NE-DC within FR1 | CMCC | revised |  | R5-215879 |
| R5-214496 | Addition of 7.3B.2.3A Reference sensitivity for Inter-band NE-DC within FR1 | CMCC | withdrawn |  |  |
| R5-214497 | Addition of 7.4B.3A Maximum Input Level for inter-band NE-DC within FR1 | CMCC | revised |  | R5-215891 |
| R5-214498 | Addition of 7.5B.3A ACS for inter-band NE-DC within FR1 | CMCC | revised |  | R5-215892 |
| R5-214499 | Addition of 7.6B.2.3A In-band blocking for inter-band NE-DC within FR1 | CMCC | revised |  | R5-215893 |
| R5-214500 | Addition of 7.6B.4.3A Narrow band blocking for inter-band NE-DC within FR1 | CMCC | revised |  | R5-215894 |
| R5-214501 | Addition of 7.8B.2.3A Wide band Intermodulation for inter-band NE-DC within FR1 | CMCC | revised |  | R5-215895 |
| R5-214502 | Addition of 7.9B.3A Spurious Emissions for inter-band NE-DC within FR1 | CMCC | revised |  | R5-215896 |
| R5-214503 | Update of Annex F.1.3 for ACS for inter-band NE-DC within FR1 2CCs | CMCC | withdrawn |  |  |
| R5-214504 | Addition of 7.5B.0.4a Inter-band NE-DC including FR2 | CMCC | revised |  | R5-215897 |
| R5-214505 | Update of Tx test cases for PC2 CA\_n3A-n41A with UL CA\_n3A-n41A | CMCC | revised |  | R5-215986 |
| R5-214506 | Update of Tx test cases for PC2 CA\_n28A-n79A with UL CA\_n28A-n79A | CMCC | revised |  | R5-215987 |
| R5-214507 | Update of Tx test cases for PC2 CA\_n28A-n41A with UL CA\_n28A-n41A | CMCC | revised |  | R5-215988 |
| R5-214508 | Update of Tx test cases for PC2 CA\_n40A-n41A with UL CA\_n40A-n41A | CMCC | revised |  | R5-215989 |
| R5-214509 | Update of Tx test cases for PC2 CA\_n3A-n41A with UL PC2 n41A | CMCC | revised |  | R5-215990 |
| R5-214510 | Update of Tx test cases for PC2 CA\_n28A-n79A with UL PC2 n79A | CMCC | revised |  | R5-215991 |
| R5-214511 | Update of Tx test cases for PC2 CA\_n28A-n41A with UL PC2 n41A | CMCC | revised |  | R5-215992 |
| R5-214512 | Editorial changes of the title for subclause 8.1.6.3.2 and 8.1.6.3.3 in Inter-System MDT | CMCC | agreed |  |  |
| R5-214513 | Update of applicability statement and conditions for the test cases in NR MDT | CMCC | revised |  | R5-216315 |
| R5-214514 | Add applicabilities for test cases 8.1.1.4.4, 8.1.1.4.5 and 8.1.1.4.6 | Ericsson | revised |  | R5-216333 |
| R5-214515 | Add applicabilities for test cases 8.1.1.4.7, 8.1.1.4.8 and 8.1.1.4.9 | Ericsson | revised |  | R5-216334 |
| R5-214516 | Update applicability for NB-IoT R15 (FDD/TDD) test cases | CATT, TDIA | agreed |  |  |
| R5-214517 | Update NB-IoT test case 22.2.4 for TDD | CATT, TDIA | agreed |  |  |
| R5-214518 | Update NB-IoT test case 22.2.5 for TDD | CATT, TDIA | agreed |  |  |
| R5-214519 | Addition of FR1 mobility enhancement TC 6.3.1.10-Intra-band inter-frequency asynchronous DAPS HO in SA for FR1 | China Telecommunications | agreed |  |  |
| R5-214520 | Addition of FR1 mobility enhancement TC 6.3.1.11-Inter-band inter-frequency sync DAPS HO in SA for FR1 | China Telecommunications | agreed |  |  |
| R5-214521 | Addition of FR1 mobility enhancement TC 6.3.1.12-Inter-band inter-frequency asynchronousDAPS HO in SA for FR1 | China Telecommunications | agreed |  |  |
| R5-214522 | Update of applicability for RLM TC 4.6.1.3 and 4.6.1.6 | MediaTek Inc. | agreed |  |  |
| R5-214523 | Correction of specific message content for EN-DC FR2 TC 5.6.1.4 | MediaTek Inc. | withdrawn |  |  |
| R5-214524 | Correction of non-existent config for SA FR1 TC 6.5.3.1 | MediaTek Inc. | withdrawn |  |  |
| R5-214525 | Update of applicability for RLM TC 6.6.1.3 and 6.6.1.6 | MediaTek Inc. | agreed |  |  |
| R5-214526 | Correction of cell configuration for SA FR1 TC 6.3.2.1.2 and 6.3.2.1.3 | MediaTek Inc. | agreed |  |  |
| R5-214527 | Correction of specific message content for SA FR2 TC 7.6.1.4 | MediaTek Inc. | agreed |  |  |
| R5-214528 | Correction of cell configuration for SA FR2 TC 7.3.2.1.1, 7.3.2.1.2 and 7.3.2.1.3 | MediaTek Inc. | agreed |  |  |
| R5-214529 | Update of TCI configuration for SA FR2 TC 7.6.2.1 and 7.6.2.3 | MediaTek Inc. | agreed |  |  |
| R5-214530 | Correction of non-existent config for SA FR2 TC 7.7.1.3.1 | MediaTek Inc. | agreed |  |  |
| R5-214531 | Correction to Generic Procedure A.2.1 on MO INVITE for 100rel | ROHDE & SCHWARZ | agreed |  |  |
| R5-214532 | Addition of FR2 DL 256QAM demodulation test case | China Telecom | revised |  | R5-216076 |
| R5-214533 | Updates on FRC for FR2 DL 256QAM | China Telecom | agreed |  |  |
| R5-214534 | Addition of applicability for FR2 DL 256QAM demodulation test case | China Telecom | agreed |  |  |
| R5-214535 | Add new TC 8.2.4.30.4 Inter Frequency DAPS handover | China Telecom | revised |  | R5-216249 |
| R5-214536 | Correction on applicability for DAPS inter frequency handover | China Telecom | agreed |  |  |
| R5-214537 | Update on TC 8.2.4.30.1 intra-frequency DAPS handover | China Telecom | revised |  | R5-216250 |
| R5-214538 | SR UE Conformance Test Aspects for NR performance requirement enhancement RAN5#92e | China Telecom | reserved |  |  |
| R5-214539 | WP UE Conformance Test Aspects for add support of NR DL 256QAM for FR2 RAN5#92e | China Telecom | noted |  |  |
| R5-214540 | SR UE Conformance Test Aspects for add support of NR DL 256QAM for FR2 RAN5#92e | China Telecom | noted |  |  |
| R5-214541 | SR UE Conformance Aspects - Even further mobility enhancement in E-UTRAN RAN5#92e | China Telecom | noted |  |  |
| R5-214542 | WP UE Conformance Aspects - Even further mobility enhancement in E-UTRAN RAN5#92e | China Telecom | noted |  |  |
| R5-214543 | SR UE Conformance SAR schemes for UE power class 2 (PC2) for NR inter-band Carrier Aggregation and supplemental uplink (SUL) configurations with 2 bands UL RAN5#92e | China Telecom | noted |  |  |
| R5-214544 | WP UE Conformance SAR schemes for UE power class 2 (PC2) for NR inter-band Carrier Aggregation and supplemental uplink (SUL) configurations with 2 bands UL RAN5#92e | China Telecom | noted |  |  |
| R5-214545 | SR UE Conformance Rel-17 High power UE for NR inter-band Carrier Aggregation with 2 bands downlink and x bands uplink (x=1,2) RAN5#92e | China Telecom | noted |  |  |
| R5-214546 | WP UE Conformance Rel-17 High power UE for NR inter-band Carrier Aggregation with 2 bands downlink and x bands uplink (x=1,2) RAN5#92e | China Telecom | noted |  |  |
| R5-214547 | Update of RSRP threshold for RRC TC 8.1.3.1.13 | MediaTek Inc. | agreed |  |  |
| R5-214548 | Correction of 5GMM TC 9.1.5.1.8 | MediaTek Inc., Keysight | agreed |  |  |
| R5-214549 | Update of MDT TC 8.1.6.1.3.1 | MediaTek Inc. | revised |  | R5-216289 |
| R5-214550 | Update of MDT TC 8.1.6.1.3.2 | MediaTek Inc. | agreed |  |  |
| R5-214551 | Update of MDT TC 8.1.6.1.3.3 | MediaTek Inc. | revised |  | R5-216290 |
| R5-214552 | Resubmission of Correction to applicability of test case 9.2.1.1.28 | ETSI MCC (Rohde&Schwarz) | agreed |  |  |
| R5-214553 | Correction to LTE IMS test case 22.7 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214554 | Correction of default test frequencies for bands n38, n39, n40 and n50 and protocol testing | Ericsson | agreed |  |  |
| R5-214555 | NG.114 annex C | Ericsson | noted |  |  |
| R5-214556 | Update NG.114 capabilities | Ericsson | revised |  | R5-215720 |
| R5-214557 | Updates to PDSCH Demodulation Performance for 2DL CA | Qualcomm CDMA Technologies | revised |  | R5-215942 |
| R5-214558 | Addition of Multi-RTT, Dl-AoD and DL-TDOA positioning method test conditions | CATT | revised |  | R5-215973 |
| R5-214559 | Introduction of NR RSTD measurement requirements test cases | CATT | withdrawn |  |  |
| R5-214560 | Addition of conditions for NR PRS-based measurements and connection diagrams | CATT | revised |  | R5-215974 |
| R5-214561 | Correction to NR positioning method information in Position Capability Transfer test case | CATT | revised |  | R5-216322 |
| R5-214562 | Addition of assistance data information elements for Multi-RTT, DL-AoD and DL-TDOA positioning methods | CATT | revised |  | R5-216323 |
| R5-214563 | Addition of test applicabilities and additional information for NR RSTD measurement test cases | CATT | withdrawn |  |  |
| R5-214564 | Correction to the definetions of NR Rel 16 positioning meithod related PICS | CATT | revised |  | R5-216324 |
| R5-214565 | Addition of PICS for relaxed RRM measurement | CATT, Huawei, HiSilicon | agreed |  |  |
| R5-214566 | Addition of 2Rx TDD FR1 PDCCH 1 Tx antenna performance for power saving test case | CATT | revised |  | R5-216072 |
| R5-214567 | Addition of 4Rx TDD FR1 PDCCH 1 Tx antenna performance for power saving test case | CATT | revised |  | R5-216073 |
| R5-214568 | Addition of 2Rx TDD FR2 PDCCH 1 Tx antenna performance for power saving test case | CATT | revised |  | R5-216074 |
| R5-214569 | Update of Annex F for test cases of demodulation for power saving | CATT, Huawei, HiSilicon | revised |  | R5-215937 |
| R5-214570 | Introduction of common implementation conformance statements for Multi configured uplink grants in NR IIoT | CMCC | revised |  | R5-216257 |
| R5-214571 | Adding test applicability for UE power saving test cases | CATT, Huawei, HiSilicon | agreed |  |  |
| R5-214572 | Addition of NR SA FR2 cell re-selection for UE fulfilling low mobility relaxed measurement criterion | CATT | revised |  | R5-216364 |
| R5-214573 | Addition of NR SA FR2 cell re-selection for UE fulfilling not-at-cell edge relaxed measurement criterion | CATT | revised |  | R5-216365 |
| R5-214574 | Addition of NR SA FR2-FR2 cell re-selection for UE fulfilling low mobility relaxed measurement criterion | CATT | revised |  | R5-215938 |
| R5-214575 | Addition of NR SA FR2-FR2 cell re-selection for UE fulfilling not-at-cell edge relaxed measurement criterion | CATT | revised |  | R5-216366 |
| R5-214576 | Revised WID on UE Conformance Test Aspects for NR Positioning Support | CATT | revised |  | R5-215772 |
| R5-214577 | Work plan: UE Conformance Test Aspects for NR Positioning Support | CATT | noted |  |  |
| R5-214578 | SR UE Conformance Test Aspects - NR Positioning Support | CATT | noted |  |  |
| R5-214579 | Work plan: B1C Signal in BDS Positioning System Support for LTE and NR | CATT | noted |  |  |
| R5-214580 | SR UE Conformance Test Aspects - B1C Signal in BDS Positioning System Support for LTE and NR | CATT | noted |  |  |
| R5-214581 | Work plan: UE Conformance Test Aspects – UE power saving in NR | CATT | noted |  |  |
| R5-214582 | SR UE Conformance Test Aspects - UE power saving in NR | CATT | noted |  |  |
| R5-214583 | WP UE Conformance Test Aspects – Further NB-IoT enhancements | CATT | noted |  |  |
| R5-214584 | SR UE Conformance Test Aspects - Further NB-IoT enhancements | CATT | noted |  |  |
| R5-214585 | Correction to EUTRA RRC test case 8.6.4.5 | Keysight Technologies UK | agreed |  |  |
| R5-214586 | Correction to NR Idle mode test case 6.3.1.5 | Keysight Technologies UK | revised |  | R5-216162 |
| R5-214587 | Correction to NR MAC test cases 7.1.1.7.1.x | Keysight Technologies UK Ltd, Qualcomm | agreed |  |  |
| R5-214588 | Correction to NR MAC test case 7.1.1.4.2.3 | Keysight Technologies UK | agreed |  |  |
| R5-214589 | Correction to NR PDCP test case 7.1.3.5.5 | Keysight Technologies UK | revised |  | R5-216173 |
| R5-214590 | Correction to NR RRC test case 8.1.1.2.1 | Keysight Technologies UK | withdrawn |  |  |
| R5-214591 | Correction to NR RRC test case 8.1.1.2.3 | Keysight Technologies UK Ltd, Qualcomm | agreed |  |  |
| R5-214592 | Correction to NR RRC test case 8.1.1.4.1 | Keysight Technologies UK | agreed |  |  |
| R5-214593 | Correction to EPS fallback test case 11.1.4 | Keysight Technologies UK | agreed |  |  |
| R5-214594 | Correction to some idle mode test cases for RPLMN clearing | Keysight Technologies UK | withdrawn |  |  |
| R5-214595 | Correction to UAC test case 11.3.2 | Keysight Technologies UK Ltd, Qualcomm | withdrawn |  |  |
| R5-214596 | Correction for USIM configurations | Keysight Technologies UK | revised |  | R5-216159 |
| R5-214597 | Discussion on the removal of IMSo5G test case 6.5 from 34.229-5 | Keysight Technologies UK, Rohde and Schwarz | revised |  | R5-215700 |
| R5-214598 | Addition of reference section for TDD DL reference measurement channels in 7.1 | CAICT | agreed |  |  |
| R5-214599 | Correction of test SCS in the test configuration table | CAICT | agreed |  |  |
| R5-214600 | Correction of Test Frequencies in the test configuration table | CAICT | agreed |  |  |
| R5-214601 | Correction of Test Frequencies for NR band n28 and30MHz test channel bandwidth in the test configuration table | CAICT | agreed |  |  |
| R5-214602 | Alignment of UL measurement channels in Annex A.2 with the core spec | CAICT | withdrawn |  |  |
| R5-214603 | Unify the Terminology of normal condition in the test configuration tables | CAICT | agreed |  |  |
| R5-214604 | Correction of subclause titles with appropriate styles | CAICT | agreed |  |  |
| R5-214605 | Removal of empty cells in the test configuration table | CAICT | agreed |  |  |
| R5-214606 | Removal of brackets from the Minimum Conformance Requirements of Reference sensitivity power level for Intra-band non-contiguous CA | CAICT | agreed |  |  |
| R5-214607 | Alignment of UL measurement channels in Annex A.2.3 with the core spec | CAICT | withdrawn |  |  |
| R5-214608 | Move the definition of cumulative aggregated channel bandwidth to the Definitions section | CAICT | agreed |  |  |
| R5-214609 | Correction of condition C30 C37 C37a C41 C41a and introduction of condition C37b and C37c | CAICT | agreed |  |  |
| R5-214610 | Correction of condition C48 | CAICT | withdrawn |  |  |
| R5-214611 | Correction of default test frequencies for band n48 and protocol testing | Ericsson | agreed |  |  |
| R5-214612 | MCC TF160 Status Report | MCC TF160 | revised |  | R5-215683 |
| R5-214613 | RAN5 PRD12 version 6.7 | MCC TF160 | approved |  |  |
| R5-214614 | Updates to NR CA test cases 8.1.3.1.18.x | MCC TF160 | agreed |  |  |
| R5-214615 | Updates to NR CA test cases 8.1.4.1.8.x | MCC TF160 | agreed |  |  |
| R5-214616 | Updates to NR CA test cases 8.1.5.6.5.x | MCC TF160 | agreed |  |  |
| R5-214617 | Updates to NR CA test cases 8.1.5.7.1.x | MCC TF160 | agreed |  |  |
| R5-214618 | Updates to NR CA test cases 8.1.5.8.2.x | MCC TF160 | agreed |  |  |
| R5-214619 | Update to NR/5GC test case 11.4.3 | MCC TF160 | withdrawn |  |  |
| R5-214620 | 5G Rel-15 Test Models updates | MCC TF160 | agreed |  |  |
| R5-214621 | Addition of NR/UTRAN Inter-RAT Test Model | MCC TF160 | agreed |  |  |
| R5-214622 | Editorial updates to test procedure titles | MCC TF160 | agreed |  |  |
| R5-214623 | Update to generic procedure 4.5A.5 for IMS Emergency call establishment in EUTRA: Limited Service | MCC TF160, Qualcomm | agreed |  |  |
| R5-214624 | Routine maintenance for TS 37.571-4 | MCC TF160 | withdrawn |  |  |
| R5-214625 | Addition of clause 5.3.27 - Generic Test Procedure for MCPTT CO Temporary Group Creation | MCC TF160 | agreed |  |  |
| R5-214626 | Addition of clause 5.3.28 - Generic Test Procedure for MCPTT CO Temporary Group Tear Down | MCC TF160 | agreed |  |  |
| R5-214627 | Addition of clause 5.3.29 - Generic Test Procedure for MCPTT Subscription and Notification | MCC TF160 | revised |  | R5-215728 |
| R5-214628 | Correction of clause 5.3.15 – Generic Test Procedure for MCPTT CO session modification without implicit Floor Control | MCC TF160 | revised |  | R5-215729 |
| R5-214629 | Correction of clause 5.3.22 - Generic Test Procedure for NW initiated temporary group creation | MCC TF160 | revised |  | R5-215730 |
| R5-214630 | Correction of clause 5.3.24 - Generic Test Procedure for UE intitated MCPTT functional alias status determination and subscription | MCC TF160 | agreed |  |  |
| R5-214631 | Correction of clause 5.3.25 - Generic Test Procedure for UE inititated MCPTT functional alias status change | MCC TF160 | agreed |  |  |
| R5-214632 | Correction of clause 5.3.26 - Generic Test Procedure for MCPTT CO Group Creation | MCC TF160 | agreed |  |  |
| R5-214633 | Correction of clause 5.3.3 – Generic Test Procedure for MCPTT pre-established session establishment CO | MCC TF160 | agreed |  |  |
| R5-214634 | Correction of clause 5.5.1 – General | MCC TF160 | revised |  | R5-215731 |
| R5-214635 | Correction of clause 5.5.2.11 – SIP PUBLISH | MCC TF160 | agreed |  |  |
| R5-214636 | Correction of clause 5.5.2.14 – SIP SUBSCRIBE | MCC TF160 | revised |  | R5-215732 |
| R5-214637 | Correction of clause 5.5.2.5 – SIP INVITE | MCC TF160 | revised |  | R5-215733 |
| R5-214638 | Correction of clause 5.5.2.8 – SIP NOTIFY | MCC TF160 | revised |  | R5-215734 |
| R5-214639 | Correction of clause 5.5.3.1 – SDP Message | MCC TF160 | revised |  | R5-215735 |
| R5-214640 | Correction of clause 5.5.3.11 – PoC-Settings | MCC TF160 | revised |  | R5-215736 |
| R5-214641 | Correction of clause 5.5.3.12 – XCAP-DIFF | MCC TF160 | revised |  | R5-215737 |
| R5-214642 | Correction of clause 5.5.3.2 – MCS Info Lists | MCC TF160 | revised |  | R5-215738 |
| R5-214643 | Correction of clause 5.5.3.3 – Resource Lists | MCC TF160 | revised |  | R5-215739 |
| R5-214644 | Correction of clause 5.5.3.5 – PIDF | MCC TF160 | revised |  | R5-215740 |
| R5-214645 | Correction of clause 5.5.4.1 – General conditions | MCC TF160 | revised |  | R5-215741 |
| R5-214646 | Correction of clause 5.5.4.3 - HTTP POST | MCC TF160 | agreed |  |  |
| R5-214647 | Correction of clause 5.5.4.4 - HTTP PUT | MCC TF160 | revised |  | R5-215742 |
| R5-214648 | Correction of clause 5.5.4.5 - HTTP DELETE | MCC TF160 | revised |  | R5-215743 |
| R5-214649 | Correction of clause 5.5.4.6 - HTTP 200 (OK) | MCC TF160 | revised |  | R5-215744 |
| R5-214650 | Correction of clause 5.5.4.7 - HTTP 201 (Created) | MCC TF160 | revised |  | R5-215745 |
| R5-214651 | Correction of clause 5.5.6.7 - Floor Taken | MCC TF160 | revised |  | R5-215746 |
| R5-214652 | Correction of clause 5.5.7.1 - MCPTT Group Configuration | MCC TF160 | revised |  | R5-215747 |
| R5-214653 | Correction of MCPTT test case 5.2 | MCC TF160 | agreed |  |  |
| R5-214654 | Correction of MCPTT test case 5.3 | MCC TF160 | agreed |  |  |
| R5-214655 | Correction of MCPTT test case 5.4 | MCC TF160 | agreed |  |  |
| R5-214656 | Correction of MCPTT test case 5.5 | MCC TF160 | revised |  | R5-215748 |
| R5-214657 | Correction of MCPTT test case 5.8 | MCC TF160 | revised |  | R5-215749 |
| R5-214658 | Correction of MCPTT test case 6.1.1.10 | MCC TF160 | withdrawn |  |  |
| R5-214659 | Correction of MCPTT test case 6.1.1.15 | MCC TF160 | revised |  | R5-215750 |
| R5-214660 | Correction of MCPTT test case 6.1.1.16 | MCC TF160 | revised |  | R5-215751 |
| R5-214661 | Correction of MCPTT test case 6.1.1.19 | MCC TF160 | agreed |  |  |
| R5-214662 | Correction of MCPTT test case 6.1.1.20 | MCC TF160 | agreed |  |  |
| R5-214663 | Correction of MCPTT test case 6.1.1.21 | MCC TF160 | revised |  | R5-215752 |
| R5-214664 | Correction of MCPTT test case 6.1.1.3 | MCC TF160 | agreed |  |  |
| R5-214665 | Correction of MCPTT test case 6.1.2.13 | MCC TF160 | agreed |  |  |
| R5-214666 | Correction of MCPTT test case 6.1.2.14 | MCC TF160 | agreed |  |  |
| R5-214667 | Correction of MCPTT test case 6.2.12 | MCC TF160 | agreed |  |  |
| R5-214668 | Correction of MCPTT test case 6.2.14 | MCC TF160 | agreed |  |  |
| R5-214669 | Correction of MCPTT test case 6.2.15 | MCC TF160 | revised |  | R5-215753 |
| R5-214670 | Correction of MCPTT test case 6.2.16 | MCC TF160 | revised |  | R5-215754 |
| R5-214671 | Correction of MCPTT test case 6.2.17 | MCC TF160 | revised |  | R5-215755 |
| R5-214672 | Correction of MCPTT test case 6.2.20 | MCC TF160 | revised |  | R5-215756 |
| R5-214673 | Correction of MCPTT test case 6.2.21 | MCC TF160 | revised |  | R5-215757 |
| R5-214674 | Correction of MCPTT test case 6.2.22 | MCC TF160 | revised |  | R5-215758 |
| R5-214675 | Correction of MCPTT test case 6.2.23 | MCC TF160 | withdrawn |  |  |
| R5-214676 | Correction of MCPTT test case 6.3.2 | MCC TF160 | revised |  | R5-216342 |
| R5-214677 | Routine maintenance for TS 36.579-5 | MCC TF160 | revised |  | R5-216343 |
| R5-214678 | Correction to k1 setting for FR2 RRM | Anritsu | agreed |  |  |
| R5-214679 | Correction to Physical Layer Baseline Implementation Capabilities | Anritsu | revised |  | R5-216028 |
| R5-214680 | Addition of BWP definition for FR2 SSB SCS240kHz | Anritsu | revised |  | R5-216101 |
| R5-214681 | Core alignment for DRX configuration | Anritsu | agreed |  |  |
| R5-214682 | Correction to FR2 event-triggered reporting in DRX test cases | Anritsu | agreed |  |  |
| R5-214683 | Correction to test case title for 6.7.6.1 and 6.7.7.1 | Anritsu | withdrawn |  |  |
| R5-214684 | Correction to 6.5.3.1 NR SA FR1 SCell activation and deactivation of known SCell | Anritsu | revised |  | R5-216051 |
| R5-214685 | Correction to Inter-RAT SFTD measurement delay and event triggered reporting tests | Anritsu | agreed |  |  |
| R5-214686 | Correction to 6.5.2.1 NR SA FR1 interruptions during measurements on deactivated NR SCC | Anritsu | revised |  | R5-216099 |
| R5-214687 | Correction to 4.5.7.1EN-DC FR1 addition and release delay of known PSCell | Anritsu | agreed |  |  |
| R5-214688 | Correction to NR SA FR1 - E-UTRAN event-triggered reporting tests | Anritsu | agreed |  |  |
| R5-214689 | Correction to the number of entries in the measObjectToAddModList | Anritsu | agreed |  |  |
| R5-214690 | Correction to FR1 Beam Failure Detection and Link Recovery tests | Anritsu | revised |  | R5-216042 |
| R5-214691 | Correction to FR1 and FR2 event-triggered reporting with gap tests | Anritsu, MediaTek Inc. | revised |  | R5-215907 |
| R5-214692 | Correction to the propagation condition of NR cell for Inter RAT test cases | Anritsu | revised |  | R5-216100 |
| R5-214693 | Clean up on editor notes for FR2 test cases | Anritsu | agreed |  |  |
| R5-214694 | Correction to FR2 SSB-based L1-RSRP measurement tests | Anritsu | withdrawn |  |  |
| R5-214695 | Update to Annex H.3.4 | Anritsu | revised |  | R5-215916 |
| R5-214696 | NG.114 PS data off | Ericsson | noted |  |  |
| R5-214697 | Update of MDT TC 8.1.6.1.3.4 | MediaTek Inc. | revised |  | R5-216291 |
| R5-214698 | Update of MDT TC 8.1.6.1.3.5 | MediaTek Inc. | agreed |  |  |
| R5-214699 | Update of MDT TC 8.1.6.1.3.6 | MediaTek Inc. | revised |  | R5-216292 |
| R5-214700 | Update of MDT TC 8.1.6.1.3.7 | MediaTek Inc. | withdrawn |  |  |
| R5-214701 | Correction of Srxlev for Idle TC 6.1.2.2 | MediaTek Inc. | revised |  | R5-216163 |
| R5-214702 | Update of RRC messages for MAC TC 7.1.1.3.11, 7.1.1.5.1 and 7.1.1.5.2 | MediaTek Inc. | withdrawn |  | - |
| R5-214703 | Correction of SIB1 for NR RRC TC 8.1.1.4.1 | MediaTek Inc. | agreed |  |  |
| R5-214704 | Correction of SIB1 for NR RRC TC 8.1.5.2.2 | MediaTek Inc. | agreed |  |  |
| R5-214705 | Correction of 5GMM capability for 5GMM TC 9.3.1.2 | MediaTek Inc. | revised |  | R5-216185 |
| R5-214706 | Correction of 5GMM capability for EPSFB TC 11.1.7 | MediaTek Inc. | revised |  | R5-216187 |
| R5-214707 | Update of TP for EPSFB TC 11.1.3 | MediaTek Inc. | agreed |  |  |
| R5-214708 | Update of TP for EPSFB TC 11.1.8 | MediaTek Inc. | agreed |  |  |
| R5-214709 | Update to table E.4-1 to add the cell configurations for several DAPS test cases | China Telecommunications | withdrawn |  |  |
| R5-214710 | Updating test frequencies for Rel-17 inter-band EN-DC configurations | DOCOMO Communications Lab. | revised |  | R5-216079 |
| R5-214711 | Add minimum conformance requirements for DAPS handover | China Telecommunications | agreed |  |  |
| R5-214712 | Correction to EN-DC FR2 interruptions at transitions between active and non-active during DRX | Anritsu | revised |  | R5-216098 |
| R5-214713 | Add Test Tolerance analyses for EN-DC FR2 interruptions at transitions between active and non-active during DRX Test cases | Anritsu | revised |  | R5-216103 |
| R5-214714 | Adding test point with subPRB allocation in test case 6.2.3EA, 6.6.2.1EA, 6.6.2.3EA | Ericsson | agreed |  |  |
| R5-214715 | Add NG.114 PS data off | Ericsson | revised |  | R5-216209 |
| R5-214716 | Added subPRB allocation to cat M1 test cases, 6.2.4EA, 6.6.2.2EA and 6.6.3EA.3 for NS\_07 | Ericsson | agreed |  |  |
| R5-214717 | Brackets for MPR values for subPRB allocation removed | Ericsson | agreed |  |  |
| R5-214718 | Correcting test point for subPRB allocation in test case 6.5.2.1EA.2 | Ericsson | agreed |  |  |
| R5-214719 | Test point analysis for cat M1 subPRB allocation NS\_07 | Ericsson | agreed |  |  |
| R5-214720 | Introduction of UE capabilities for UL full power Tx rel-16 for UL MIMO | Ericsson | revised |  | R5-215933 |
| R5-214721 | Adding TP analysis for test case 6.5D.1\_1 | Ericsson | agreed |  |  |
| R5-214722 | Updates to Tx test case 6.6.3EA.2 for release-16 | Ericsson | agreed |  |  |
| R5-214723 | Updates to Rx test cases 7.3EA, 7.6.1EA, 7.6.2EA for new release-16 bands for cat M1 | Ericsson | agreed |  |  |
| R5-214724 | SR UE Conformance Test Aspects - Additional LTE bands for UE category M2 and/or NB2 in Rel-16 | Ericsson | reserved |  |  |
| R5-214725 | WP UE Conformance Test Aspects - Additional LTE bands for UE category M2 and/or NB2 in Rel-16 | Ericsson | reserved |  |  |
| R5-214726 | Add PS data off feature | Ericsson | revised |  | R5-215718 |
| R5-214727 | Introduction of test frequencies for CA\_n48B | Ericsson, Dish Network, Verizon | agreed |  |  |
| R5-214728 | Corrections to UEInformationRequest and UEInformationResponse | MCC TF160 | agreed |  |  |
| R5-214729 | Routine maintenance for TS 37.571-4 | MCC TF160 | agreed |  |  |
| R5-214730 | NG.114 URSP | Ericsson | noted |  |  |
| R5-214731 | Update test case 7.4 | Ericsson | revised |  | R5-215767 |
| R5-214732 | WP UE Conformance Test Aspects - Rel-16 Private Network Support for NG-RAN | Qualcomm CDMA Technologies | noted |  |  |
| R5-214733 | SR UE Conformance Test Aspects - Rel-16 Private Network Support for NG-RAN | Qualcomm CDMA Technologies | noted |  |  |
| R5-214734 | WP UE Conformance Test Aspects - Rel-16 Optimisations on UE radio capability signalling – NR/E-UTRA | Qualcomm CDMA Technologies | noted |  |  |
| R5-214735 | SR UE Conformance Test Aspects - Rel-16 Optimisations on UE radio capability signalling – NR/E-UTRA | Qualcomm CDMA Technologies | noted |  |  |
| R5-214736 | Discussion paper for Rel-15 NR Tests Applicability on SNPN Only UE | Qualcomm CDMA Technologies | noted |  |  |
| R5-214737 | Updates to NR RRC TC 8.1.1.3.7 | Qualcomm CDMA Technologies | revised |  | R5-216174 |
| R5-214738 | Corrections to NR5G MAC BWP TC 7.1.1.8.1 | Qualcomm CDMA Technologies, Keysight Technologies UK Ltd, 1. Huawei, Hisilicon | revised |  | R5-216169 |
| R5-214739 | Updates to NR-DC RRC TC 8.2.6.2.2 | Qualcomm CDMA Technologies | agreed |  |  |
| R5-214740 | Addition of Rel-16 SNPN TC 9.1.10.1 | Qualcomm CDMA Technologies | withdrawn |  | - |
| R5-214741 | Addition of Rel-16 SNPN TC 9.1.10.2 | Qualcomm CDMA Technologies | withdrawn |  |  |
| R5-214742 | Corrections to NR5G UAC TC 11.3.7 | Qualcomm CDMA Technologies, Anrtisu, Keysight Technologies UK Ltd | agreed |  |  |
| R5-214743 | Addition of predefined UE capability container for test function Set UL Message - NR | Qualcomm CDMA Technologies | revised |  | R5-216275 |
| R5-214744 | Updates to Rel-16 RACS RRC TC 8.1.5.9.1 | Qualcomm CDMA Technologies | revised |  | R5-216278 |
| R5-214745 | Updates to Rel-16 RACS TC 9.1.9.5 | Qualcomm CDMA Technologies | revised |  | R5-216279 |
| R5-214746 | Update of Rel-16 NPN TC 6.5.2.2 | Qualcomm CDMA Technologies | agreed |  |  |
| R5-214747 | Update of Rel-16 NPN TC 6.5.2.1 | Qualcomm CDMA Technologies | agreed |  |  |
| R5-214748 | Addition of applicability for NPN test cases | Qualcomm CDMA Technologies | revised |  | R5-216274 |
| R5-214749 | Correction to NR-DC RRC test case 8.2.2.4.2 | Qualcomm CDMA Technologies, Anrtisu | agreed |  |  |
| R5-214750 | Correction to NR-DC RRC test case 8.2.2.5.2 | Qualcomm CDMA Technologies, Anrtisu | agreed |  |  |
| R5-214751 | Correction to NR-DC RRC test case 8.2.2.9.2 | Qualcomm CDMA Technologies, Anrtisu | agreed |  |  |
| R5-214752 | Correction to NR-DC RRC test case 8.2.5.1.2 | Qualcomm CDMA Technologies, Anrtisu | agreed |  |  |
| R5-214753 | Correction to NR-DC RRC test case 8.2.5.3.2 | Qualcomm CDMA Technologies, Anrtisu | agreed |  |  |
| R5-214754 | Correction to NR-DC RRC test case 8.2.5.2.2 and 8.2.5.4.2 | Qualcomm CDMA Technologies, Anrtisu | revised |  | R5-215715 |
| R5-214755 | Updates to System information combination for NR-DC | Qualcomm CDMA Technologies, Anrtisu | agreed |  |  |
| R5-214756 | Correction to MDT TC 8.1.6.1.1.1 | Qualcomm CDMA Technologies | agreed |  |  |
| R5-214757 | Addition of NR5G Power saving TC 8.1.5.10.1 | Qualcomm CDMA Technologies | revised |  | R5-216272 |
| R5-214758 | Addition of applicability NR5G Power saving TC 8.1.5.10.1 | Qualcomm CDMA Technologies | agreed |  |  |
| R5-214759 | Correction to Test Procedure for IMS MO and MT call release in 5GC | Huawei, Hisilicon, Keysight | revised |  | R5-216150 |
| R5-214760 | Correction to NR TC 6.2.3.10-Inter-RAT cell reselection schedulingInfoList-v12j0 | Huawei, Hisilicon | revised |  | R5-216164 |
| R5-214761 | Correction to NR TC 6.3.1.7-Emergency service pending to be activated | Huawei, Hisilicon | revised |  | R5-216165 |
| R5-214762 | Correction to NR TC 6.2.3.7-Update FR2 power level | Huawei, Hisilicon | withdrawn |  |  |
| R5-214763 | Correction to NR TC 6.4.3.1-Update FR2 power level | Huawei, Hisilicon | withdrawn |  |  |
| R5-214764 | Correction to NR TC 7.1.1.7.1.1-sCellDeactivationTimer | Huawei, Hisilicon, Keysight | agreed |  |  |
| R5-214765 | Correction to NR TC 7.1.1.8.1-BWP | Huawei, Hisilicon | withdrawn |  |  |
| R5-214766 | Correction to NR TC 8.1.1.2.1-T300 expired | Huawei, Hisilicon, Keysight | revised |  | R5-216175 |
| R5-214767 | Correction to NR TC 8.1.1.3.7-Deprioritisation | Huawei, Hisilicon | agreed |  |  |
| R5-214768 | Correction to NR TC 8.1.4.1.9.1-Reestablish intra-band | Huawei, Hisilicon, Mediatek | revised |  | R5-216180 |
| R5-214769 | Correction to NR TC 8.1.5.8.1-Latency check | Huawei, Hisilicon | agreed |  |  |
| R5-214770 | Correction to NR-DC TC 8.2.2.3.2-Split SRB and SRB3 | Huawei, Hisilicon | revised |  | R5-216181 |
| R5-214771 | Correction to NR capability | Huawei, Hisilicon | agreed |  |  |
| R5-214772 | Addition of NR SA TC 8.1.3.1.19-SFTD | Huawei, Hisilicon | revised |  | R5-216178 |
| R5-214773 | Addition of EN-DC TC 8.2.3.17.1-SFTD | Huawei, Hisilicon | revised |  | R5-216182 |
| R5-214774 | Addition of NR-DC TC 8.2.3.17.2-SFTD | Huawei, Hisilicon | revised |  | R5-216183 |
| R5-214775 | Addition of Applicability for SFTD TCs | Huawei, Hisilicon | revised |  | R5-216205 |
| R5-214776 | Correction to NR TC 10.1.1.1 and 10.3.1.1-PDU Establish Accept | Huawei, Hisilicon, ROHDE & SCHWARZ | revised |  | R5-216186 |
| R5-214777 | Correction to NR TC 11.1.2-EPS Fallback from NR Idle | Huawei, Hisilicon | revised |  | R5-216188 |
| R5-214778 | Correction to NR TC 11.1.5-EPS Fallback from NR connected | Huawei, Hisilicon | revised |  | R5-216189 |
| R5-214779 | Correction to NR TC 11.3.1-UAC AI0 with 0 percentage access probability | Huawei, Hisilicon, Qualcomm | revised |  | R5-216192 |
| R5-214780 | Correction to NR TC 11.3.2-UAC AI0 Emergency Call | Huawei, Hisilicon | withdrawn |  |  |
| R5-214781 | Correction to NR TC 11.3.5-UAC Access Identity 1 | Huawei, Hisilicon | revised |  | R5-216193 |
| R5-214782 | Correction to NR TC 11.3.6-UAC AI2 MCS | Huawei, Hisilicon | revised |  | R5-216194 |
| R5-214783 | Correction to NR TC 11.3.9-UAC for Operator Defined Access Category | Huawei, Hisilicon | agreed |  |  |
| R5-214784 | Correction to USIM Configuration 19 | Huawei, Hisilicon | withdrawn |  | - |
| R5-214785 | Correction to NR TC 11.4.1-emergency call and authentication failure | Huawei, Hisilicon | revised |  | R5-215773 |
| R5-214786 | Correction to NR TC 11.4.2-Handling of forbidden PLMNs | Huawei, Hisilicon | revised |  | R5-216198 |
| R5-214787 | Correction to NR TC 11.4.3-Initial registration for emergency services | Huawei, Hisilicon, MCC TF160 | revised |  | R5-216199 |
| R5-214788 | Correction to NR TC 11.4.4-T3346, T3396 | Huawei, Hisilicon | revised |  | R5-216200 |
| R5-214789 | Correction to NR TC 11.4.5-Handling of 5GS forbidden tracking areas for roaming | Huawei, Hisilicon | revised |  | R5-216201 |
| R5-214790 | Correction to NR TC 11.4.9-Emergency call establishment and release | Huawei, Hisilicon | revised |  | R5-216202 |
| R5-214791 | Correction to NR TC 7.1.3.4.3-DAPS handover L2 | Huawei, Hisilicon | revised |  | R5-216259 |
| R5-214792 | Correction to NR TC 8.1.4.3.1-DAPS handover Success | Huawei, Hisilicon | revised |  | R5-216260 |
| R5-214793 | Addition of NR TC 8.1.4.3.2-DAPS handover Success RLF in source | Huawei, Hisilicon | revised |  | R5-216261 |
| R5-214794 | Addition of NR TC 8.1.4.3.3-DAPS handover Failure RLF in source | Huawei, Hisilicon | withdrawn |  |  |
| R5-214795 | Addition of NR TC 8.2.3.17.1-Conditional PSCell change Success | Huawei, Hisilicon | withdrawn |  | - |
| R5-214796 | Correction to applicability for NR MobEnh | Huawei, Hisilicon | revised |  | R5-216262 |
| R5-214797 | SR of Rel-16 NR Mobility Enhancement WI after RAN5 92e | Huawei, Hisilicon | noted |  |  |
| R5-214798 | WP of NR Mobility Enhancement after RAN5 92e | Huawei, Hisilicon | noted |  |  |
| R5-214799 | Addition of LTE TC 8.2.4.31.3-Conditional handover Failure | Huawei, Hisilicon | revised |  | R5-216251 |
| R5-214800 | Correction to IEs for UE policy part | Huawei, Hisilicon | agreed |  |  |
| R5-214801 | Correction to IEs for V2XP info | Huawei, Hisilicon | revised |  | R5-216263 |
| R5-214802 | Correction to IEs for Served by E-UTRA or served by NR | Huawei, Hisilicon | revised |  | R5-216264 |
| R5-214803 | Correction to IEs for Not served by E-UTRA and not served by NR | Huawei, Hisilicon | revised |  | R5-216265 |
| R5-214804 | Correction to IEs for V2X service identifier to PC5 RAT and Tx profiles mapping rules | Huawei, Hisilicon | revised |  | R5-216266 |
| R5-214805 | Correction to IEs for Privacy config | Huawei, Hisilicon | revised |  | R5-216267 |
| R5-214806 | Correction to IEs for V2X communication over PC5 in E-UTRA-PC5 | Huawei, Hisilicon | revised |  | R5-216268 |
| R5-214807 | Correction to IEs for V2X communication over PC5 in NR-PC5 | Huawei, Hisilicon | revised |  | R5-216269 |
| R5-214808 | Correction to NR V2X USIM configuration | Huawei, Hisilicon | agreed |  |  |
| R5-214809 | Correction to UE Policy Delivery msg | Huawei, Hisilicon | revised |  | R5-216270 |
| R5-214810 | SR of Rel-16 NR V2X WI after RAN5 92e | Huawei, Hisilicon | noted |  |  |
| R5-214811 | WP of NR V2X after RAN5 92e | Huawei, Hisilicon | noted |  |  |
| R5-214812 | Correction to IMS NR A.5.1-adding conf in SDP | Huawei, Hisilicon | agreed |  |  |
| R5-214813 | Correction to IMS NR A.14-wrong arrows | Huawei, Hisilicon | agreed |  |  |
| R5-214814 | Correction to IMS NR 8.31-using generic procedures of creating and leaving a conference | Huawei, Hisilicon | revised |  | R5-216218 |
| R5-214815 | Correction to IMS NR 8.32-using generic procedures of inviting user to conference | Huawei, Hisilicon | agreed |  |  |
| R5-214816 | Addition of IMS NR TC 10.2-emergency call with reg-location unavailable | Huawei, Hisilicon | revised |  | R5-216219 |
| R5-214817 | Addition of IMS NR TC 10.3-emergency call with reg-other IMS in parallel | Huawei, Hisilicon | revised |  | R5-216220 |
| R5-214818 | Addition of IMS NR TC 10.11-new emergency reg after new IP | Huawei, Hisilicon | revised |  | R5-216221 |
| R5-214819 | Addition of IMS NR TC 10.12-uer initiated emergency reg with ongoing dialog | Huawei, Hisilicon | revised |  | R5-216222 |
| R5-214820 | Addition of IMS NR TC 10.13-uer initiated emergency reg-initiates a call | Huawei, Hisilicon | revised |  | R5-216223 |
| R5-214821 | Addition of IMS NR generic procedures-leaving a conference | Huawei, Hisilicon | agreed |  |  |
| R5-214822 | Correction to IMS LTE C.9-stop or resume sending media | Huawei, Hisilicon | agreed |  |  |
| R5-214823 | Correction to IMS LTE TC 19.4.2-allowing emergency registration | Huawei, Hisilicon | withdrawn |  |  |
| R5-214824 | Correction to NR TC 8.1.6.1.3.7-PLMN list | Huawei, Hisilicon, Mediatek | revised |  | R5-216293 |
| R5-214825 | Correction to MDT NR TC 8.1.6.3.1.3-inter system immediate-sensor | Huawei, Hisilicon | revised |  | R5-216294 |
| R5-214826 | Correction to MDT NR TC 8.1.6.1.4.5-CEF location info | Huawei, Hisilicon | withdrawn |  |  |
| R5-214827 | Correction to MDT NR TC 8.1.6.1.4.6-CEF Intra-Freq measurements | Huawei, Hisilicon | revised |  | R5-216295 |
| R5-214828 | Addition of MDT NR TC 8.1.6.3.4.1-Inter System\_CEF\_bluetooth | Huawei, Hisilicon | revised |  | R5-216296 |
| R5-214829 | Addition of MDT NR TC 8.1.6.3.4.2-Inter System\_CEF\_wlan | Huawei, Hisilicon | agreed |  |  |
| R5-214830 | Addition of MDT NR TC 8.1.6.3.4.3-Inter System\_CEF\_sensor | Huawei, Hisilicon | agreed |  |  |
| R5-214831 | Correction to NR MDT Applicability | Huawei, Hisilicon | agreed |  |  |
| R5-214832 | Correction to 5G-SRVCC RRM TC 6.3.1.6-handover | Huawei, Hisilicon | agreed |  |  |
| R5-214833 | Correction to 5G-SRVCC RRM TC 6.6.5.1-envent triggered reporting non-DRX | Huawei, Hisilicon | agreed |  |  |
| R5-214834 | Applicability for 5G-SRVCC | Huawei, Hisilicon | agreed |  |  |
| R5-214835 | TS 36.523-1 Tracker status before RAN5-92e | Huawei, Hisilicon | noted |  |  |
| R5-214836 | TS 38.523-1 Tracker status before RAN5-92e | Huawei, Hisilicon | noted |  |  |
| R5-214837 | TS 36.523-1 Tracker status after RAN5-92e | Huawei, Hisilicon | reserved |  |  |
| R5-214838 | TS 38.523-1 Tracker status after RAN5-92e | Huawei, Hisilicon | reserved |  |  |
| R5-214839 | Update Minumum conformance requirement clause 7.4A.0 for Rel-16 Enhancement | Apple Italia S.R.L., Nokia | revised |  | R5-215976 |
| R5-214840 | Correction to SDAP TC 7.1.4.1 | Qualcomm Finland RFFE Oy | withdrawn |  |  |
| R5-214841 | Addition of clause 7.5A.0 minimum conformance requirement for Rel-16 Enhancement WP | Apple Italia S.R.L., Nokia | revised |  | R5-215977 |
| R5-214842 | Addition of clause 7.6A.2.0 minimum conformance requirement for Rel-16 Enhancement WP | Apple Italia S.R.L., Nokia | revised |  | R5-215978 |
| R5-214843 | Cleanup for TS 36.521-1 spurious emission for UE co-existence table (non CA) | Apple Italia S.R.L. | revised |  | R5-216004 |
| R5-214844 | Cleanup for TS 36.521-1 spurious emission for UE co-existence for CA tables | Apple Italia S.R.L. | agreed |  |  |
| R5-214845 | Correction to MU and TT for spurious emission band UE co-existence | Anritsu | withdrawn |  |  |
| R5-214846 | Correction to EN-DC receiver spurious emission test cases | Anritsu | agreed |  |  |
| R5-214847 | Correction to maximum testable SNR for FR2 tests | Anritsu | withdrawn |  |  |
| R5-214848 | Introducing EIRP UL Absolute Power MU for FR2 RRM | Anritsu | revised |  | R5-216104 |
| R5-214849 | Correction to MU for spurious emission band UE co-existence | Anritsu | withdrawn |  |  |
| R5-214850 | Removal of EN-DC Receiver Spurious Emission test with multiple CCs | Anritsu | noted |  |  |
| R5-214851 | On absolute UL Power MU for FR2 RRM | Anritsu | revised |  | R5-215824 |
| R5-214852 | On the testable SNR for FR2 demodulation tests | Anritsu | noted |  |  |
| R5-214853 | Introduction of test frequencies for CA\_n48B and protocol testing | Ericsson, Dish Network, Verizon | agreed |  |  |
| R5-214854 | Update of FR2 demod SNR range calculator | Anritsu | withdrawn |  |  |
| R5-214855 | Update of MDT test case 8.1.6.1.2.1 | ZTE Corporation | revised |  | R5-216297 |
| R5-214856 | Update of MDT test case 8.1.6.1.2.2 | ZTE Corporation | revised |  | R5-216298 |
| R5-214857 | Update of MDT test case 8.1.6.1.2.3 | ZTE Corporation | revised |  | R5-216299 |
| R5-214858 | Update of MDT test case 8.1.6.1.2.4 | ZTE Corporation, TDIA, CATT | revised |  | R5-216300 |
| R5-214859 | Update of MDT test case 8.1.6.1.2.5 | ZTE Corporation, TDIA, CATT | revised |  | R5-216301 |
| R5-214860 | Update of MDT test case 8.1.6.1.2.6 | ZTE Corporation, TDIA, CATT | revised |  | R5-216302 |
| R5-214861 | Update of MDT test case 8.1.6.1.2.7 | ZTE Corporation | revised |  | R5-216303 |
| R5-214862 | Update of MDT test case 8.1.6.1.2.8 | ZTE Corporation | withdrawn |  |  |
| R5-214863 | Update of MDT test case 8.1.6.1.2.9 | ZTE Corporation | revised |  | R5-216304 |
| R5-214864 | Update of MDT test case 8.1.6.1.2.10 | ZTE Corporation | revised |  | R5-216305 |
| R5-214865 | Update of MDT test case 8.1.6.1.2.11 | ZTE Corporation | revised |  | R5-216306 |
| R5-214866 | Update default message contents of LoggedMeasurementConfiguration | ZTE Corporation | revised |  | R5-216284 |
| R5-214867 | Addition of new test case 8.2.4.30.2 | ZTE Corporation | revised |  | R5-216252 |
| R5-214868 | Addition of new test case 8.2.4.30.3 | ZTE Corporation | revised |  | R5-216253 |
| R5-214869 | Addition of new test case 8.2.4.30.5 | ZTE Corporation | revised |  | R5-216254 |
| R5-214870 | Addition of new test case 8.2.4.30.6 | ZTE Corporation | revised |  | R5-216255 |
| R5-214871 | Addition of applicability for new TCs 8.2.4.30.2, 8.2.4.30.3, 8.2.4.30.5 and 8.2.4.30.6 | ZTE Corporation | agreed |  |  |
| R5-214872 | Addition of new NR 2-step RACH test case 7.1.1.1.10 | ZTE Corporation | agreed |  |  |
| R5-214873 | Addition of applicability for new NR 2-step RACH test cases | ZTE Corporation | agreed |  |  |
| R5-214874 | Addition of new 5GS IMS test case 8.27 | ZTE Corporation | revised |  | R5-216224 |
| R5-214875 | Addition of new 5GS IMS test case 8.29 | ZTE Corporation | revised |  | R5-216225 |
| R5-214876 | Addition of new 5GS IMS test case 8.33 | ZTE Corporation | revised |  | R5-216226 |
| R5-214877 | Addition of new 5GS IMS test case 8.35 | ZTE Corporation | revised |  | R5-216227 |
| R5-214878 | Addition of new 5GS IMS test case 8.37 | ZTE Corporation | revised |  | R5-216228 |
| R5-214879 | Addition of new 5GS IMS test case 8.40 | ZTE Corporation | revised |  | R5-216229 |
| R5-214880 | Addition of new 5GS IMS test case 8.41 | ZTE Corporation | revised |  | R5-216230 |
| R5-214881 | Addition of new 5GS IMS test case 10.14 | ZTE Corporation | revised |  | R5-216231 |
| R5-214882 | Addition of new 5GS IMS test case 10.15 | ZTE Corporation | revised |  | R5-216232 |
| R5-214883 | Addition of new 5GS IMS generic procedure A.24 | ZTE Corporation | revised |  | R5-216233 |
| R5-214884 | Addition of new 5GS IMS generic procedure A.25 | ZTE Corporation | revised |  | R5-216234 |
| R5-214885 | Addition of new 5GS IMS generic procedure A.26 | ZTE Corporation | revised |  | R5-216235 |
| R5-214886 | Correction of test frequencies for CA\_n66B for protocol testing | Ericsson | revised |  | R5-216243 |
| R5-214887 | WP UE Conformance Test Aspects for 2-step RACH for NR | ZTE Corporation, China Telecom | noted |  |  |
| R5-214888 | SR UE Conformance Test Aspects for 2-step RACH for NR | ZTE Corporation, China Telecom | noted |  |  |
| R5-214889 | Update Applicability of requirement for HST-DPS and multi-TRxP test cases | Apple Italia S.R.L. | revised |  | R5-215944 |
| R5-214890 | Void NR5G RRC TC 8.1.3.1.22 | Qualcomm CDMA Technologies | agreed |  |  |
| R5-214891 | Corrections to Annex A.4.1 of 34.229-5 | Qualcomm CDMA Technologies | withdrawn |  |  |
| R5-214892 | Corrections to IMS over 5GS TCs 8.1 and 8.18 | Qualcomm CDMA Technologies | revised |  | R5-216236 |
| R5-214893 | Corrections to IMS over 5GS TC 7.14 | Qualcomm CDMA Technologies | agreed |  |  |
| R5-214894 | Editorial Updates to NR5G NPN TC 6.5.1.1 | Qualcomm CDMA Technologies | agreed |  |  |
| R5-214895 | Updates to NR5G NPN TC 6.5.1.2 | Qualcomm CDMA Technologies | agreed |  |  |
| R5-214896 | Corrections to NR5G UAC TC 11.3.2 | Qualcomm CDMA Technologies, Keysight | withdrawn |  |  |
| R5-214897 | Corrections to Idle mode TC 6.2.3.10 and 6.2.3.11 | Qualcomm CDMA Technologies, Keysight | revised |  | R5-216166 |
| R5-214898 | Correction to NR5G NAS TC 9.1.5.1.3a | Qualcomm CDMA Technologies, Keysight Technologies, Anritsu | revised |  | R5-215716 |
| R5-214899 | Addition of NR-DC TC 8.2.3.11.3 | Qualcomm CDMA Technologies | agreed |  |  |
| R5-214900 | Editorial Updates to Clause. 4.4.3.1.2 for System information combination | Qualcomm CDMA Technologies, | agreed |  |  |
| R5-214901 | Update FR2 RI test configuration update for TS 38.521-4 | Apple Italia S.R.L. | revised |  | R5-215901 |
| R5-214902 | New WID on UE Conformance - PC2 EN-DC with x LTE band + y NR band (x= 2, 3, 4, y=1; x=1, 2, y=2) | Ericsson | revised |  | R5-215707 |
| R5-214903 | Discussion paper on handling of work items on LTE CA configurations | Ericsson | revised |  | R5-215708 |
| R5-214904 | Addition of new test case 6.4D.1 Frequency error for UL MIMO in FR2 | TTA | revised |  | R5-215856 |
| R5-214905 | Update of test case 6.4D.3 Time alignment error for UL MIMO in FR2 | TTA | revised |  | R5-215857 |
| R5-214906 | Editorial correction to test applicability in 6.2B.1.4\_1.1.1 | TTA | revised |  | R5-215880 |
| R5-214907 | Introduction of test point analysis for FR2 Time alignment error for UL MIMO test case | TTA | agreed |  |  |
| R5-214908 | WP UE Conformance Test Aspects for NR RF Requirement Enhancements for FR2 | Nokia, Nokia Shanghai Bell, Apple Portugal | noted |  |  |
| R5-214909 | SR UE Conformance Test Aspects for NR RF Requirement Enhancements for FR2 | Nokia, Nokia Shanghai Bell, Apple Portugal | noted |  |  |
| R5-214910 | Editorial correction to Reference sensitivity power level for Inter-band CA | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-214911 | Maximum input level for Inter-band CA | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| R5-214912 | Adjacent channel selectivity for Inter-band CA | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| R5-214913 | In-band blocking for Inter-band CA | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| R5-214914 | Transmit ON/OFF time mask test configuration for non-contiguous CA | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-214915 | Frequency error for non-contiguous CA | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-214916 | Transmit modulation quality for non-contiguous CA | Nokia, Nokia Shanghai Bell | revised |  | R5-215975 |
| R5-214917 | FR2 standalone RF conformance test case applicability | Nokia, Nokia Shanghai Bell | revised |  | R5-215981 |
| R5-214918 | MCX IUT | MCC TF160 | agreed |  |  |
| R5-214919 | Update TT analysis for RRM test cases 5.7.1.2 and 7.7.1.2 | ROHDE & SCHWARZ | agreed |  |  |
| R5-214920 | Correction message contents 4.3.2.2.2 | ROHDE & SCHWARZ | revised |  | R5-216043 |
| R5-214921 | Alignment HO test case 6.3.1.2 with core requirements | ROHDE & SCHWARZ | agreed |  |  |
| R5-214922 | Correction re-establishment test cases 6.3.2.1.x | ROHDE & SCHWARZ | agreed |  |  |
| R5-214923 | Remove gapUE and gapFR1 from iRAT test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-214924 | Annex A.6.1 for iRAT test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-214925 | Correction of eMTC PRACH tests | ROHDE & SCHWARZ | agreed |  |  |
| R5-214926 | SR UE Conformance Test Aspects- SRVCC\_NR\_to\_UMTS | China Unicom | reserved |  |  |
| R5-214927 | WP UE Conformance Test Aspects- SRVCC\_NR\_to\_UMTS | China Unicom | reserved |  |  |
| R5-214928 | Introduction of test frequencies for CA\_n71(2A) | Ericsson, Dish Network | revised |  | R5-215970 |
| R5-214929 | Introduction of test frequencies for CA\_n71(2A) for protocol testing | Ericsson, Dish Network | agreed |  |  |
| R5-214930 | Correction of test frequencies for CA\_n66(2A) for protocol testing | Ericsson | withdrawn |  |  |
| R5-214931 | Adding applicability for new NR URLLC test cases | Lenovo and Motorola Mobility | agreed |  |  |
| R5-214932 | New UL TBS MAC test Case for NR URLLC | Lenovo and Motorola Mobility | revised |  | R5-216317 |
| R5-214933 | Addition of New DL MAC NR URLLC Test Case | Lenovo and Motorola Mobility | revised |  | R5-216318 |
| R5-214934 | Introduce PICS for NR URLLC | Lenovo and Motorola Mobility | agreed |  |  |
| R5-214935 | Correction to Table 6.4.1-8 USIM Configuration 8 | Starpoint | withdrawn |  |  |
| R5-214936 | Correction to NR URLLC Test Case | Lenovo and Motorola Mobility | revised |  | R5-216319 |
| R5-214937 | Update of Rx Test Cases for CA\_66A-66A-66A | Rohde & Schwarz | revised |  | R5-215922 |
| R5-214938 | Addition of test frequency of CA\_66A-66A-66A | Rohde & Schwarz | agreed |  |  |
| R5-214939 | Discussion on FR2 beam peak search | Rohde & Schwarz | noted |  |  |
| R5-214940 | Discussion on FR2 DL CA test procedure | Rohde & Schwarz | revised |  | R5-215819 |
| R5-214941 | Update of FR1 UL RMCs | Rohde & Schwarz, CAICT | revised |  | R5-215847 |
| R5-214942 | Update of FR2 UL RMCs | Rohde & Schwarz, CAICT | revised |  | R5-215862 |
| R5-214943 | Correction to MDT TC 8.1.6.1.4.3 | MediaTek Inc. | revised |  | R5-216307 |
| R5-214944 | Correction of SIB1 for NR RRC TC 8.1.4.1.9.1 | MediaTek Inc. | withdrawn |  |  |
| R5-214945 | Correction of Emergency Number list for TC 11.4.8 | MediaTek Inc. | revised |  | R5-216203 |
| R5-214946 | Addition of new NR 2-step RACH test case 7.1.1.1.9 | MediaTek Inc. | agreed |  |  |
| R5-214947 | Correction to Table 6.4.1-8 USIM Configuration 8 | Starpoint | agreed |  |  |
| R5-214948 | Addition of FR-1 NSA CLI Measurement test cases | Qualcomm Incorporated | agreed |  |  |
| R5-214949 | Update to applicability of test cases on CSI-RS based RLM | Qualcomm Incorporated | revised |  | R5-216044 |
| R5-214950 | Update to applicability spec for CSI-RS based RLM test cases | Qualcomm Incorporated | withdrawn |  |  |
| R5-214951 | Update to applicability of test cases requiring gap pattern ID 4 | Qualcomm Incorporated | revised |  | R5-216054 |
| R5-214952 | Update to applicability spec for test cases requiring gap pattern ID 4 | Qualcomm Incorporated | withdrawn |  |  |
| R5-214953 | WP on ENDC\_UE\_PC2\_FDD\_TDD-UEConTest for RAN5#92e | China Unicom | reserved |  |  |
| R5-214954 | WP UE Conformance Test Aspects - Support of eCall over IMS for NR | Qualcomm communications-France | noted |  |  |
| R5-214955 | SR on ENDC\_UE\_PC2\_FDD\_TDD-UEConTest for RAN5#92e | China Unicom | reserved |  |  |
| R5-214956 | SR UE Conformance Test Aspects - Support of eCall over IMS for NR | Qualcomm communications-France | noted |  |  |
| R5-214957 | WP on ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest for RAN5#92e | China Unicom | reserved |  |  |
| R5-214958 | SR on ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest for RAN5#92e | China Unicom | reserved |  |  |
| R5-214959 | Correction of test frequencies for CA\_n66(2A) for protocol testing | Ericsson | agreed |  |  |
| R5-214960 | Addition of new IMS over 5GS TC 10.6 Non-UE detectable emergency call / IM CN sends 380 with an Alternative Service / Previous emergency IMS registration not expired / 5GS | Qualcomm communications-France | revised |  | R5-216237 |
| R5-214961 | Discussion on RAN5 input to ”Recommendation  ITU-R  M.2071" | Nanjing Ericsson Panda Com Ltd | revised |  | R5-215710 |
| R5-214962 | Alignment of test frequency tables for CA\_n48(2A), CA\_n66(2A), CA\_n77(2A) and CA\_n78(2A) | Ericsson | agreed |  |  |
| R5-214963 | Correction of EIEI test cases 21.5 and 21.6 | Qualcomm communications-France | withdrawn |  |  |
| R5-214964 | Default message content update for NR EIEI | Qualcomm communications-France | revised |  | R5-216327 |
| R5-214965 | Generic procedure for eCall over IMS establishment in 5GS Normal Service | Qualcomm communications-France | revised |  | R5-216328 |
| R5-214966 | Correction to MDT test case 8.1.6.1.2.8 | TDIA, CATT | revised |  | R5-216308 |
| R5-214967 | USIM configuration for NR EIEI | Qualcomm Incorporated | revised |  | R5-216329 |
| R5-214968 | Correction to MDT test case 8.1.6.1.2.12 | TDIA, CATT | revised |  | R5-216309 |
| R5-214969 | Correction to MDT test case 8.1.6.1.2.13 | TDIA, CATT | revised |  | R5-216310 |
| R5-214970 | Generic test procedure for eCall setup and MSD Update in 5GS | Qualcomm communications-France | revised |  | R5-216331 |
| R5-214971 | Update of MDT test case 8.1.6.1.2.4 | TDIA, CATT | withdrawn |  |  |
| R5-214972 | Update of MDT test case 8.1.6.1.2.5 | TDIA, CATT | withdrawn |  |  |
| R5-214973 | Addition of new IMS over 5GS TC 11.1 eCall over IMS / Manual initiation / Normal registration / Emergency registration / Success / 200 OK with ACK / 5GS | Qualcomm communications-France | revised |  | R5-216332 |
| R5-214974 | Update of MDT test case 8.1.6.1.2.6 | TDIA, CATT | withdrawn |  |  |
| R5-214975 | Applicability updates for NR EIEI test case 11.1 | Qualcomm communications-France | revised |  | R5-216330 |
| R5-214976 | Addition of NB-IoT common configuration of System Information Block 23 | TDIA, CATT | agreed |  |  |
| R5-214977 | Correction to default configuration-ControlResourceSet | Huawei,Hisilicon | agreed |  |  |
| R5-214978 | Correction to default configuration-SCell CSI on PCell | Huawei,Hisilicon | agreed |  |  |
| R5-214979 | Addition of PICs for inter-RAT SFTD measurements | Huawei,Hisilicon | revised |  | R5-215838 |
| R5-214980 | Correction to applicability of NR TCs | Huawei,Hisilicon | withdrawn |  |  |
| R5-214981 | Correction to FR1 EN-DC TC 4.5.7.1-PSCell addition | Huawei,Hisilicon | revised |  | R5-216132 |
| R5-214982 | Correction to FR1 EN-DC TCs-BWP switching | Huawei,Hisilicon | revised |  | R5-216133 |
| R5-214983 | Correction to FR1 EN-DC TCs-RLM | Huawei,Hisilicon | agreed |  |  |
| R5-214984 | Correction to FR1 EN-DC TCs-SCell activation | Huawei,Hisilicon | revised |  | R5-216134 |
| R5-214985 | Correction to FR2 EN-DC TCs-RLM | Huawei,Hisilicon | agreed |  |  |
| R5-214986 | Correction to FR2 EN-DC TCs-SCell activation | Huawei,Hisilicon | agreed |  |  |
| R5-214987 | Correction to FR1 NR SA TC 6.5.2.1-SCell interruption | Huawei,Hisilicon | agreed |  |  |
| R5-214988 | Correction to FR1 NR SA TCs-BWP switching | Huawei,Hisilicon | revised |  | R5-216135 |
| R5-214989 | Correction to FR1 NR SA TCs-cell reselection | Huawei,Hisilicon | agreed |  |  |
| R5-214990 | Correction to FR1 NR SA TCs-inter-RAT accuracy | Huawei,Hisilicon | revised |  | R5-215911 |
| R5-214991 | Correction to FR1 NR SA TCs-RLM | Huawei,Hisilicon | agreed |  |  |
| R5-214992 | Correction to FR1 NR SA TCs-SCell activation | Huawei,Hisilicon | revised |  | R5-216136 |
| R5-214993 | Correction to FR2 NR SA TCs-cell reselection | Huawei,Hisilicon | agreed |  |  |
| R5-214994 | Correction to FR2 NR SA TCs-SCell activation | Huawei,Hisilicon | agreed |  |  |
| R5-214995 | Correction to LTE SA TC 8.5.1.1-SFTD accuracy | Huawei,Hisilicon | revised |  | R5-215914 |
| R5-214996 | Correction to LTE SA TCs-cell reselection | Huawei,Hisilicon | agreed |  |  |
| R5-214997 | Correction to LTE SA TCs-inter-RAT delay | Huawei,Hisilicon | agreed |  |  |
| R5-214998 | Correction to LTE SA TCs-SFTD delay | Huawei,Hisilicon, Anritsu | revised |  | R5-216138 |
| R5-214999 | Correction to cell mapping for CA TCs | Huawei,Hisilicon | agreed |  |  |
| R5-215000 | Correction to default configuration-Annex H | Huawei,Hisilicon | revised |  | R5-215917 |
| R5-215001 | Addition of BG\_offset definition for LTE band groups | Huawei,Hisilicon | agreed |  |  |
| R5-215002 | TT analysis for LTE SA TC 8.5.1.1-SFTD accuracy | Huawei,Hisilicon | agreed |  |  |
| R5-215003 | Addition of PICs for Mob\_Enh TCs | Huawei,Hisilicon | revised |  | R5-215930 |
| R5-215004 | Addition of applicability for Mob\_Enh TCs | Huawei,Hisilicon, China Telecommunications | revised |  | R5-215931 |
| R5-215005 | Addition of minimum requirements for FR1 CHO | Huawei,Hisilicon | agreed |  |  |
| R5-215006 | Addition of minimum requirements for FR2 CHO | Huawei,Hisilicon | agreed |  |  |
| R5-215007 | Addition of NR Mob\_Enh RRM TC 6.3.1.7-intra freq sync DAPS HO | Huawei,Hisilicon | agreed |  |  |
| R5-215008 | Addition of NR Mob\_Enh RRM TC 6.3.1.8-intra freq async DAPS HO | Huawei,Hisilicon | agreed |  |  |
| R5-215009 | Addition of NR Mob\_Enh RRM TC 6.3.3.1-intra freq CHO | Huawei,Hisilicon | agreed |  |  |
| R5-215010 | Addition of NR Mob\_Enh RRM TC 6.3.3.2-inter freq CHO | Huawei,Hisilicon | agreed |  |  |
| R5-215011 | Addition of NR Mob\_Enh RRM TC 7.3.1.4-inter band sync DAPS HO | Huawei,Hisilicon | agreed |  |  |
| R5-215012 | Addition of NR Mob\_Enh RRM TC 7.3.1.5-inter band async DAPS HO | Huawei,Hisilicon | agreed |  |  |
| R5-215013 | Addition of NR Mob\_Enh RRM TC 7.3.3.1-intra freq CHO | Huawei,Hisilicon | agreed |  |  |
| R5-215014 | Addition of NR Mob\_Enh RRM TC 7.3.3.2-inter freq CHO | Huawei,Hisilicon | agreed |  |  |
| R5-215015 | Addition of cell mapping for Mob\_Enh RRM TCs | Huawei,Hisilicon, China Telecommunications | revised |  | R5-215932 |
| R5-215016 | Addition of PICs for NR PS TCs | Huawei,Hisilicon | withdrawn |  |  |
| R5-215017 | Addition of NR PS Demod TC 5.3.2.1.3-FR1 FDD 2Rx | Huawei,Hisilicon | revised |  | R5-216112 |
| R5-215018 | Addition of NR PS Demod TC 5.3.3.1.3-FR1 FDD 4Rx | Huawei,Hisilicon | revised |  | R5-216113 |
| R5-215019 | Addition of applicability for NR PS TCs | Huawei,Hisilicon | withdrawn |  |  |
| R5-215020 | Addition of minimum requirements for inter-freq relaxed measurement | Huawei,Hisilicon | agreed |  |  |
| R5-215021 | Addition of minimum requirements for inter-RAT relaxed measurement | Huawei,Hisilicon | withdrawn |  |  |
| R5-215022 | Addition of minimum requirements for intra-freq relaxed measurement | Huawei,Hisilicon | agreed |  |  |
| R5-215023 | Addition of NR PS RRM TC 6.1.1.3 - intra-freq cell reselection low mobility | Huawei,Hisilicon | agreed |  |  |
| R5-215024 | Addition of NR PS RRM TC 6.1.1.4 - intra-freq cell reselection non-cell-edge | Huawei,Hisilicon | agreed |  |  |
| R5-215025 | Addition of NR PS RRM TC 6.1.1.5 - inter-freq cell reselection low mobility | Huawei,Hisilicon | agreed |  |  |
| R5-215026 | Addition of NR PS RRM TC 6.1.1.6 - inter-freq cell reselection non-cell-edge | Huawei,Hisilicon | agreed |  |  |
| R5-215027 | Addition of cell mapping for NR PS RRM TCs | Huawei,Hisilicon | revised |  | R5-215939 |
| R5-215028 | Addition of PICs for NR HST TCs | Huawei,Hisilicon | revised |  | R5-215943 |
| R5-215029 | Addition of NR HST Demod TC 5.2.2.1.1\_3 - 2Rx FDD type A | Huawei,Hisilicon | revised |  | R5-215945 |
| R5-215030 | Addition of NR HST Demod TC 5.2.2.1.9 - HST SFN | Huawei,Hisilicon | revised |  | R5-215946 |
| R5-215031 | Addition of NR HST Demod TC 5.2.2.1.10 - HST DPS | Huawei,Hisilicon | revised |  | R5-215947 |
| R5-215032 | Addition of NR HST Demod TC 5.2.2.2.1\_3 2Rx TDD type A | Huawei,Hisilicon | not pursued |  |  |
| R5-215033 | Addition of applicability for NR HST TCs | Huawei,Hisilicon | agreed |  |  |
| R5-215034 | Addition of NR HST RRM TC 4.6.1.7-intra-freq DRX highSpeedMeasFlag | Huawei,Hisilicon | revised |  | R5-215948 |
| R5-215035 | Addition of NR HST RRM TC 6.1.2.5-intra-freq cell reselection highSpeedMeasFlag | Huawei,Hisilicon | revised |  | R5-215949 |
| R5-215036 | Correction to minimum requirements for inter-RAT cell reselection with highSpeedMeasFlag | Huawei,Hisilicon | agreed |  |  |
| R5-215037 | Correction to minimum requirements for intra-frequency measurement with highSpeedMeasFlag | Huawei,Hisilicon | agreed |  |  |
| R5-215038 | Correction to NR HST RRM TC 6.1.1.7-HST intra-freq cell reselection | Huawei,Hisilicon | agreed |  |  |
| R5-215039 | Addition of cell mapping for NR HST RRM TCs | Huawei,Hisilicon | agreed |  |  |
| R5-215040 | Addition of band 42 and 43 to A-MPR tests for a UE category M2 | Ericsson | agreed |  |  |
| R5-215041 | Update of UAC test case 11.3.1 | Qualcomm communications-France | withdrawn |  |  |
| R5-215042 | Update NB-IoT test case 22.2.9 for TDD | TDIA, CATT | agreed |  |  |
| R5-215043 | Correcting test frequencies in test case 6.2D.4 | Ericsson | agreed |  |  |
| R5-215044 | Addition of new NB-IoT test case for NB-IoT / RACH Procedure / Non-anchor carrier / Preamble format 2 | CATT, TDIA | revised |  | R5-215724 |
| R5-215045 | Addition of R16 FDD-TDD PC2 inter-band EN-DC baseline implementation capabilities into 38.522 | China Unicom | agreed |  |  |
| R5-215046 | Addition of new RRC Inactive UAC test case 11.3.1a | Qualcomm communications-France, Huawei, Hisilicon | revised |  | R5-216195 |
| R5-215047 | Correcting references in EN-DC TX test cases | Ericsson | agreed |  |  |
| R5-215048 | Update to NR RRC test cases 8.1.3.1.11 and 8.1.3.1.12 | Qualcomm communications-France | revised |  | R5-216179 |
| R5-215049 | Correcting references in EN-DC RX test cases | Ericsson | withdrawn |  | - |
| R5-215050 | Update NB-IoT test case 22.3.1.1 for TDD | TDIA, CATT | agreed |  |  |
| R5-215051 | Discussion paper on early implementation of Release 14 EIEI feature | Qualcomm Incorporated, Ericsson, AT&T, FirstNet, ZTE, Orange | revised |  | R5-215701 |
| R5-215052 | Addition of R17 PC2 EN-DC baseline implementation capabilities into 38.522 | China Unicom | withdrawn |  |  |
| R5-215053 | Update NB-IoT test case 22.3.1.6 and 22.3.1.6a for TDD | TDIA, CATT | agreed |  |  |
| R5-215054 | Update NB-IoT test case 22.3.1.7 for TDD | TDIA, CATT | agreed |  |  |
| R5-215055 | Correction of UTRA ACLR for inter-band CA | Huawei, HiSilicon | revised |  | R5-215845 |
| R5-215056 | Update to time mask for FR2 UL-MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-215057 | Cleaning up the specification skeleton | Huawei, HiSilicon, Nokia | revised |  | R5-215858 |
| R5-215058 | Addition of spurious emission for DC 1A\_n78A and 20A\_n78A and 28A\_n78A | Huawei, HiSilicon, Ericsson | revised |  | R5-215881 |
| R5-215059 | Addition of TP analysis for spurious emissions for DC\_20A\_n78A | Huawei, HiSilicon | withdrawn |  |  |
| R5-215060 | Addition of TP analysis for spurious emissions for DC\_28A\_n78A | Huawei, HiSilicon, Ericsson | revised |  | R5-215921 |
| R5-215061 | Update of REFSENS for inter-band EN-DC 2CC adding DC\_28A\_n78A | Huawei, HiSilicon | agreed |  |  |
| R5-215062 | Update of REFSENS for inter-band EN-DC 3CC adding DC\_1A-28A\_n78A | Huawei, HiSilicon | agreed |  |  |
| R5-215063 | Update of REFSENS for inter-band EN-DC 3CC adding DC\_3A-28A\_n78A | Huawei, HiSilicon | agreed |  |  |
| R5-215064 | Addition of TP for REFSENS for inter-band EN-DC 2CC and 3CC combos | Huawei, HiSilicon | revised |  | R5-216056 |
| R5-215065 | Core spec alignment of RMC | Huawei, HiSilicon | agreed |  |  |
| R5-215066 | Update of SIB2 to add messages for relaxed RRM measurement | Huawei, HiSilicon | revised |  | R5-215936 |
| R5-215067 | Addition of minimum conformance requirements of inter-RAT cell re-selection with relaxed measurement criterion | Huawei, HiSilicon | revised |  | R5-215940 |
| R5-215068 | Addition of 6.1.2.3 inter-RAT cell re-selection with relaxed measurement with low mobility | Huawei, HiSilicon | revised |  | R5-216143 |
| R5-215069 | Addition of 6.1.2.4 inter-RAT cell re-selection with relaxed measurement with not at cell edge | Huawei, HiSilicon | revised |  | R5-216144 |
| R5-215070 | Update of Annex E and Annex F for test cases with relaxed measurement criterion | Huawei, HiSilicon, CATT | revised |  | R5-215941 |
| R5-215071 | Update to Out of Coverage procedure to trigger SL-MIMO transmission | Huawei, HiSilicon | agreed |  |  |
| R5-215072 | Update to UE test loop mode E to trigger SL-MIMO transmission | Huawei, HiSilicon, MCC TF160 | revised |  | R5-216069 |
| R5-215073 | Addition of 6.2E.1.1D MOP for non-concurrent with SL-MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-215074 | Addition of 6.2E.2.1D MPR for non-concurrent with SL-MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-215075 | Addition of 6.3E.1.1D Minimum output power for non-concurrent with SL-MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-215076 | Addition of TP analysis of V2X MPR, SEM and ACLR non-concurrent with SL-MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-215077 | Addition of TP analysis of V2X minimum output power for non-concurrent with SL-MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-215078 | Addition of PICS for V2X SL-MIMO test cases | Huawei, HiSilicon | agreed |  |  |
| R5-215079 | Addition of test applicability for V2X test cases | Huawei, HiSilicon | agreed |  |  |
| R5-215080 | Addition of NR ACLR for intra-band CA | Huawei, HiSilicon | agreed |  |  |
| R5-215081 | Addition of eMIMO demod test case 5.2.2.1.12 | Huawei, HiSilicon | revised |  | R5-216126 |
| R5-215082 | Addition of eMIMO demod test case 5.2.2.1.13 | Huawei, HiSilicon | revised |  | R5-216127 |
| R5-215083 | Addition of eMIMO demod test case 5.2.2.1.14 | Huawei, HiSilicon | revised |  | R5-216128 |
| R5-215084 | Addition of eMIMO demod test case 5.2.2.2.12 | Huawei, HiSilicon | agreed |  |  |
| R5-215085 | Addition of eMIMO demod test case 5.2.2.2.13 | Huawei, HiSilicon | agreed |  |  |
| R5-215086 | Addition of eMIMO demod test case 5.2.2.2.14 | Huawei, HiSilicon | revised |  | R5-216071 |
| R5-215087 | Addition of eMIMO demod test case 5.2.3.1.12 | Huawei, HiSilicon | revised |  | R5-215934 |
| R5-215088 | Addition of eMIMO demod test case 5.2.3.1.13 | Huawei, HiSilicon | revised |  | R5-216129 |
| R5-215089 | Addition of eMIMO demod test case 5.2.3.1.14 | Huawei, HiSilicon | revised |  | R5-216130 |
| R5-215090 | Addition of eMIMO demod test case 5.2.3.2.12 | Huawei, HiSilicon | agreed |  |  |
| R5-215091 | Addition of eMIMO demod test case 5.2.3.2.13 | Huawei, HiSilicon | agreed |  |  |
| R5-215092 | Addition of eMIMO demod test case 5.2.3.2.14 | Huawei, HiSilicon | agreed |  |  |
| R5-215093 | Adding FRC for eMIMO demod test cases | Huawei, HiSilicon | agreed |  |  |
| R5-215094 | Adding MU and TT for eMIMO demod test cases | Huawei, HiSilicon | agreed |  |  |
| R5-215095 | Adding PICS for eMIMO demod test cases | Huawei, HiSilicon | agreed |  |  |
| R5-215096 | Adding test applicability for eMIMO test cases | Huawei, HiSilicon, Ericsson | revised |  | R5-215935 |
| R5-215097 | Adding connection diagram for eMIMO multi-TRP demod test cases | Huawei, HiSilicon | revised |  | R5-216070 |
| R5-215098 | Completing CQI reporting test case with 256QAM | Huawei, HiSilicon | revised |  | R5-215950 |
| R5-215099 | Test applicability for FR2 256QAM CQI reporting | Huawei, HiSilicon | revised |  | R5-216077 |
| R5-215100 | Addition of URLLC demod test case 5.2.2.1.7 | Huawei, HiSilicon | revised |  | R5-215952 |
| R5-215101 | Addition of URLLC demod test case 5.2.2.2.7 | Huawei, HiSilicon | revised |  | R5-215953 |
| R5-215102 | Addition of URLLC demod test case 5.2.3.1.7 | Huawei, HiSilicon | revised |  | R5-216078 |
| R5-215103 | Addition of URLLC demod test case 5.2.3.2.7 | Huawei, HiSilicon | agreed |  |  |
| R5-215104 | Addition of PICS for URLLC test cases | Huawei, HiSilicon, Sporton | revised |  | R5-215951 |
| R5-215105 | Addition of applicability of URLLC demod test cases | Huawei, HiSilicon, Sporton | revised |  | R5-215960 |
| R5-215106 | Adding NB TDD testing into 7.6.1F | Huawei, HiSilicon | agreed |  |  |
| R5-215107 | Removing editors note from NB TDD RLM test cases | Huawei, HiSilicon, Sporton | revised |  | R5-216140 |
| R5-215108 | Update to GNSS nominal start time for V2X testing | Huawei, HiSilicon, Spirent | revised |  | R5-216003 |
| R5-215109 | Cleaning up UE categories requirement for 16QAM test points | Huawei, HiSilicon | agreed |  |  |
| R5-215110 | Handling of CA/DC basket WIs and PC2 Wis | Huawei, HiSilicon, China Mobile, China Telecom, China Unicom | revised |  | R5-215709 |
| R5-215111 | WP - RF requirements for NR frequency range 1 (FR1) | Huawei, HiSilicon | reserved |  |  |
| R5-215112 | SR - RF requirements for NR frequency range 1 (FR1) | Huawei, HiSilicon | reserved |  |  |
| R5-215113 | WP - Enhancements on MIMO for NR | Huawei, HiSilicon | noted |  |  |
| R5-215114 | SR - Enhancements on MIMO for NR | Huawei, HiSilicon | noted |  |  |
| R5-215115 | WP - NR URLLC | Huawei, HiSilicon | noted |  |  |
| R5-215116 | SR - NU URLLC | Huawei, HiSilicon | noted |  |  |
| R5-215117 | Applicability updates to EIEI test cases | Qualcomm communications-France | agreed |  |  |
| R5-215118 | Update NB-IoT test case 22.3.1.8 for TDD | TDIA, CATT | agreed |  |  |
| R5-215119 | Applicability updates to EIEI IMS test cases | Qualcomm communications-France | agreed |  |  |
| R5-215120 | Correction to NB-IoT test case 22.3.2.8 | TDIA, CATT | agreed |  |  |
| R5-215121 | Editorial, removing empty lines in table | Ericsson | withdrawn |  |  |
| R5-215122 | Editorial, correcting format in test case 6.6.3EA.3 | Ericsson | agreed |  |  |
| R5-215123 | Updates to default contents of NAS messages for RACS | Qualcomm communications-France | revised |  | R5-216280 |
| R5-215124 | Update NB-IoT test case 22.4.1 for TDD | CATT, TDIA | revised |  | R5-216245 |
| R5-215125 | Update NB-IoT test case 22.4.4 for TDD | CATT, TDIA | agreed |  |  |
| R5-215126 | Update NB-IoT test case 22.4.5 for TDD | CATT, TDIA | agreed |  |  |
| R5-215127 | Update NB-IoT test case 22.4.6 for TDD | CATT, TDIA | agreed |  |  |
| R5-215128 | Update of PC2 EN-DC configuration into 38.508-2 | China Unicom | revised |  | R5-215982 |
| R5-215129 | MU workplan for NR FR1 TRP-TRS | ROHDE & SCHWARZ, vivo | revised |  | R5-215771 |
| R5-215130 | Addition of R17 CADC configuration into 38.508-1 | China Unicom | revised |  | R5-215971 |
| R5-215131 | Clarification on cl 4.5.1 test coverage across 5G NR architecture options for RF | CMCC, Qualcomm, Ericsson | revised |  | R5-216022 |
| R5-215132 | Clarification on cl 4.6 test coverage across 5G NR architecture options for Demod | CMCC, Qualcomm, Ericsson | revised |  | R5-216024 |
| R5-215133 | Clarification on cl 3A.1.1 test coverage across 5G NR architecture options for RRM | CMCC, Qualcomm, Ericsson | withdrawn |  |  |
| R5-215134 | Correction to NR MAC 7.1.1.4.x test cases | ROHDE & SCHWARZ | revised |  | R5-216170 |
| R5-215135 | Addition of capability for NR Sidelink Transmission Mode 2 | ROHDE & SCHWARZ | agreed |  |  |
| R5-215136 | Correction to NR RRC test case 8.1.1.4.2 | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-215137 | Clarification on cl 3A.1.1 test coverage across 5G NR architecture options for RRM | CMCC, Qualcomm, Ericsson | revised |  | R5-216025 |
| R5-215138 | Correction to the test cases 7.1.2.3.5 and 7.1.2.3.5a | ROHDE & SCHWARZ, Keysight | revised |  | R5-216172 |
| R5-215139 | Addition of Rel-16 RACS RRC test case 8.5.5.1 | Qualcomm communications-France | revised |  | R5-216281 |
| R5-215140 | Applicability updates for Rel-16 RACS RRC test cases | Qualcomm communications-France | agreed |  |  |
| R5-215141 | Update of TC6.3B.1.4D Minimum output power for inter-band EN-DC including FR2 for UL-MIMO | SGS Wireless | revised |  | R5-215802 |
| R5-215142 | Addition of TC6.3B.2.4D Transmit OFF Power for inter-band EN-DC including FR2 for UL-MIMO | SGS Wireless | revised |  | R5-215882 |
| R5-215143 | Update of TC6.3B.3.4 Transmit ON/OFF time mask for inter-band EN-DC including FR2 (1 NR CC) | SGS Wireless | withdrawn |  |  |
| R5-215144 | Addition of TC6.3B.3.4D Transmit ON/OFF time mask for inter-band EN-DC including FR2 for UL-MIMO | SGS Wireless | revised |  | R5-215883 |
| R5-215145 | Addition of TC6.3B.4.4 PRACH Time Mask for inter-band EN-DC including FR2 | SGS Wireless | revised |  | R5-215884 |
| R5-215146 | Update of Test Case 6.2.4A.4 Additional Maximum Power Reduction (A-MPR) for CA (3UL CA) | SGS Wireless | revised |  | R5-216026 |
| R5-215147 | Update to applicability condition of NB-IoT test case 22.5.20 | Qualcomm communications-France | withdrawn |  |  |
| R5-215148 | Correction of EIEI test cases 21.5 and 21.6 | Qualcomm communications-France | revised |  | R5-216338 |
| R5-215149 | Update to title of test case 8.1.3.1.23 | Qualcomm communications-France | agreed |  |  |
| R5-215150 | Update to Re-Registration test case 6.6 | Qualcomm communications-France | revised |  | R5-216238 |
| R5-215151 | Removal of technical content in 36.579-7 v14.2.0 and substitution with pointer to the next Release | ETSI | agreed |  |  |
| R5-215152 | Update test case 7.4 | Ericsson | revised |  | R5-215723 |
| R5-215153 | Update applicability for OTDOA (LTE) test cases for NR | Spirent Communications | agreed |  |  |
| R5-215154 | Clarifications for OTDOA (LTE) test cases for NR | Spirent Communications | agreed |  |  |
| R5-215155 | Update NB-IoT test case 22.4.8 for TDD | CATT, TDIA | agreed |  |  |
| R5-215156 | Update NB-IoT test case 22.4.9 for TDD | CATT, TDIA | agreed |  |  |
| R5-215157 | Update NB-IoT test case 22.4.26 for TDD | CATT, TDIA | agreed |  |  |
| R5-215158 | Update NB-IoT test case 22.4.13 for Rel-15 | TDIA, CATT | revised |  | R5-216246 |
| R5-215159 | Update NB-IoT test case 22.5.8 for TDD | TDIA, CATT | revised |  | R5-216247 |
| R5-215160 | Correction to applicability for MDT Test cases | Qualcomm Finland RFFE Oy | agreed |  |  |
| R5-215161 | Addition of PICS for Rel-16 release preference assistance information | Qualcomm Finland RFFE Oy | agreed |  |  |
| R5-215162 | Update annex A.4.1 | Ericsson | revised |  | R5-215768 |
| R5-215163 | Adding A-MPR NS\_06 test case for band 14 power class 1 | Ericsson | revised |  | R5-215846 |
| R5-215164 | Addition of test points analysis for NS\_06 power class 1 test cases | Ericsson | agreed |  |  |
| R5-215165 | Correction of test frequencies for A-MPR NS\_47 | Ericsson, Keysight | agreed |  |  |
| R5-215166 | SR UE Conformance Test Aspects- Additional LTE bands for UE category M1 and/or NB1 in Rel-16 | Ericsson | noted |  |  |
| R5-215167 | WP UE Conformance Test Aspects- Additional LTE bands for UE category M1 and/or NB1 in Rel-16 | Ericsson | noted |  |  |
| R5-215168 | Correction to test case 11.2.1 5G-SRVCC from NG-RAN to 3GPP UTRAN | CATT, TDIA | revised |  | R5-216316 |
| R5-215169 | Correction to SDAP TC 7.1.4.1 | Qualcomm Finland RFFE Oy | revised |  | R5-215714 |
| R5-215170 | Correction to NR Idle mode test case 6.3.1.3 | Keysight Technologies UK | revised |  | R5-215769 |
| R5-215171 | Correction to NR MAC test case 7.1.1.9.1 | Keysight Technologies UK, Qualcomm | agreed |  |  |
| R5-215172 | Correction to NR RLC test case 7.1.2.3.5 | Keysight Technologies UK | withdrawn |  |  |
| R5-215173 | Correction to annex A.2.19: MO INFO for eCall over IMS | Keysight Technologies UK, Qualcomm | revised |  | R5-216339 |
| R5-215174 | Updates to test frequencies for LTE band 24 | Ligado Networks | revised |  | R5-216082 |
| R5-215175 | Updates to signalling test frequencies for LTE band 24 | Ligado Networks | revised |  | R5-216335 |
| R5-215176 | Updates to guidelines on test execution for LTE Band 24 | Ligado Networks | revised |  | R5-216336 |
| R5-215177 | Updates to LTE band 24 - common | Ligado Networks | revised |  | R5-215993 |
| R5-215178 | Updates to MOP and MPR test cases for LTE band 24 | Ligado Networks | revised |  | R5-215994 |
| R5-215179 | Updates to A-MPR test cases for LTE band 24 | Ligado Networks | revised |  | R5-215995 |
| R5-215180 | Updates to Test Equipment connection for Demodulation Performance and CSI reporting tests | Qualcomm CDMA Technologies | revised |  | R5-216116 |
| R5-215181 | Updates to Additional Spurious Emission test cases for LTE Band 24 | Ligado Networks | revised |  | R5-215996 |
| R5-215182 | Correction to IE and UE capability for low PAPR DMRS across Tx cases | Huawei, HiSilicon | revised |  | R5-216141 |
| R5-215183 | Correction to IE and UE capability for low PAPR DMRS in test point analysis | Huawei, HiSilicon | revised |  | R5-216142 |
| R5-215184 | Addition of UE capability for low PAPR DMRS | Huawei, HiSilicon | agreed |  |  |
| R5-215185 | Update of 6.2D.2 MPR for UL MIMO with supporting ULFPTx | Huawei, HiSilicon | agreed |  |  |
| R5-215186 | Updates to reference sensitivity test case for LTE band 24 | Ligado Networks | revised |  | R5-215997 |
| R5-215187 | Updates to In-band blocking test case for LTE band 24 | Ligado Networks | revised |  | R5-215998 |
| R5-215188 | SR for LTE\_B24\_mod-UEConTest | Ligado Networks | reserved |  |  |
| R5-215189 | WP for LTE\_B24\_mod-UEConTest | Ligado Networks | reserved |  |  |
| R5-215190 | Revised WID for LTE\_B24\_mod-UEConTest | Ligado Networks | endorsed |  |  |
| R5-215191 | Introduction of test frequencies for n24 and n99 | Ligado Networks, Ericsson | revised |  | R5-216122 |
| R5-215192 | Introduction of signalling test frequencies for n24 and n99 | Ligado Networks, Ericsson | revised |  | R5-216320 |
| R5-215193 | Introduction of n24 and n99 | Ligado Networks | revised |  | R5-215961 |
| R5-215194 | Correction to 6.2B.2.1 MPR for intra-band contiguous EN-DC | Huawei, HiSilicon | agreed |  |  |
| R5-215195 | Correction to 6.2B.2.2 MPR for intra-band non-contiguous EN-DC | Huawei, HiSilicon | agreed |  |  |
| R5-215196 | Update of test applicability for 6.2B.2 MPR and 6.2B.3 A-MPR for inter-band EN-DC | Huawei, HiSilicon | revised |  | R5-215885 |
| R5-215197 | Discussion on AMPR edge RB allocation for NS | Apple Italia S.R.L. | noted |  |  |
| R5-215198 | Introduction of n24 and n99 - Common | Ligado Networks | revised |  | R5-215800 |
| R5-215199 | Introduction of of MOP, MPR and configured Tx power test cases for n24 and n99 | Ligado Networks | revised |  | R5-215962 |
| R5-215200 | Introduction of A-MPR test cases for n24 and n99 | Ligado Networks | revised |  | R5-216114 |
| R5-215201 | Introduction of n24 and n99 to spurious emissions and addition spurious emission test cases | Ligado Networks | revised |  | R5-215963 |
| R5-215202 | Introduction of n24 to receiver sensitivity test cases | Ligado Networks | revised |  | R5-215965 |
| R5-215203 | Introduction of n24 - blocking test cases | Ligado Networks | revised |  | R5-215966 |
| R5-215204 | Correction to IMS LTE A.5.3-Notify for event package-distinguishing audio video conference | Huawei, Hisilicon | revised |  | R5-216340 |
| R5-215205 | Add UE capability for NR MobEnh | Huawei, Hisilicon | withdrawn |  |  |
| R5-215206 | Introduction of n24 | Ligado Networks | revised |  | R5-215968 |
| R5-215207 | Cleanup for TS 38.521-3 spurious emission for UE co-existence table for Rel-15 | Apple Italia S.R.L. | revised |  | R5-216011 |
| R5-215208 | Cleanup for TS 38.521-3 spurious emission for UE co-existence table Rel-16 | Apple Italia S.R.L. | revised |  | R5-216012 |
| R5-215209 | Correction to 6.5B.2.1.1 SEM for intra-band contiguous EN-DC | Huawei, HiSilicon | agreed |  |  |
| R5-215210 | Correction to 6.5B.2.1.3 ACLR for intra-band contiguous EN-DC | Huawei, HiSilicon | agreed |  |  |
| R5-215211 | Correction to 6.5B.2.2.1 SEM for intra-band non-contiguous EN-DC | Huawei, HiSilicon | revised |  | R5-216119 |
| R5-215212 | Correction to 6.5B.2.2.3 ACLR for intra-band non-contiguous EN-DC | Huawei, HiSilicon | revised |  | R5-216120 |
| R5-215213 | Cleanup for spurious emission for UE co-existence table | Apple Italia S.R.L. | revised |  | R5-216031 |
| R5-215214 | Corrections on power tolerance for intra-band contiguous CA | Apple Italia S.R.L. | agreed |  |  |
| R5-215215 | Discussion on WF for FR2 MU | Guangdong OPPO Mobile Telecom. | revised |  | R5-215825 |
| R5-215216 | Update of general spurious emissions test requirements for Rel-16 inter-band EN-DC | Huawei, HiSilicon | revised |  | R5-216015 |
| R5-215217 | Update of TP analysis for general spurious emissions for DC\_3A\_n41A | Huawei, HiSilicon | revised |  | R5-216017 |
| R5-215218 | Update of TP analysis for general spurious emissions for DC\_8A\_n41A | Huawei, HiSilicon | withdrawn |  |  |
| R5-215219 | Update of TP analysis for general spurious emissions for DC\_12A\_n78A | Huawei, HiSilicon | agreed |  |  |
| R5-215220 | Update of TP analysis for general spurious emissions for DC\_28A\_n3A | Huawei, HiSilicon | agreed |  |  |
| R5-215221 | Update of TP analysis for general spurious emissions for DC\_39A\_n41A | Huawei, HiSilicon | revised |  | R5-216018 |
| R5-215222 | Update of TP analysis for general spurious emissions for DC\_40A\_n41A | Huawei, HiSilicon | revised |  | R5-216019 |
| R5-215223 | Correction to 6.5B.3.1.2 and 6.5B.3.2.2 UE co-existence spurious emissions | Huawei, HiSilicon | agreed |  |  |
| R5-215224 | Update intra-band CA to 6.2A.2.1 | Guangdong OPPO Mobile Telecom. | revised |  | R5-216032 |
| R5-215225 | Update p-Max of PCC of intra-band CA to 6.5A.1.1 | Guangdong OPPO Mobile Telecom. | revised |  | R5-216084 |
| R5-215226 | Discussion on test method for NR intra-band CA within FR1 | Guangdong OPPO Mobile Telecom. | revised |  | R5-215818 |
| R5-215227 | New WID - UE Conformance Test Aspects – Transparent Tx Diversity for NR | Guangdong OPPO Mobile Telecom. | revised |  | R5-215684 |
| R5-215228 | Correction to 6.4B.2 in-band emission for intra-band contiguous EN-DC | Huawei, HiSilicon | agreed |  |  |
| R5-215229 | Correction to TP analysis for in-band emission for intra-band contiguous EN-DC | Huawei, HiSilicon | agreed |  |  |
| R5-215230 | Addition of test case body to 6.5B.5 transmit intermodulation | Huawei, HiSilicon | agreed |  |  |
| R5-215231 | Update of MOP requirements for DC\_3A\_n3A | Huawei, HiSilicon | revised |  | R5-215886 |
| R5-215232 | Addition of reference sensitivity testing for DC\_1A\_n28A-n78A | Huawei, HiSilicon | agreed |  |  |
| R5-215233 | Addition of reference sensitivity testing for DC\_1A-3A\_n28A | Huawei, HiSilicon | agreed |  |  |
| R5-215234 | Addition of reference sensitivity testing for DC\_1A-7A\_n28A | Huawei, HiSilicon | agreed |  |  |
| R5-215235 | Addition of reference sensitivity testing for DC\_3A-7A\_n28A | Huawei, HiSilicon | agreed |  |  |
| R5-215236 | Addition of reference sensitivity TP analysis for DC\_1A\_n28A-n78A | Huawei, HiSilicon | agreed |  |  |
| R5-215237 | Addition of reference sensitivity TP analysis for DC\_1A-3A\_n28A | Huawei, HiSilicon | agreed |  |  |
| R5-215238 | Addition of reference sensitivity TP analysis for DC\_1A-7A\_n28A | Huawei, HiSilicon | agreed |  |  |
| R5-215239 | Addition of reference sensitivity TP analysis for DC\_3A-7A\_n28A | Huawei, HiSilicon | agreed |  |  |
| R5-215240 | Addition of new test case 9.1.10.1 for R16 eNS | CMCC, Rohde & Schwarz, MCC TF160 | revised |  | R5-216325 |
| R5-215241 | Addition of new test case 9.1.10.6 for R16 eNS | CMCC, Rohde & Schwarz, MCC TF160 | revised |  | R5-216326 |
| R5-215242 | Addition of applicability for eNS test case 9.1.10.1 and 9.1.10.6 | CMCC | agreed |  |  |
| R5-215243 | Update of test case 6.6.4.5 for R16 NR HST | CMCC | agreed |  |  |
| R5-215244 | Editorial change of RRM test case 6.6.1.7 | CMCC | agreed |  |  |
| R5-215245 | Addition of test applicability for RRM test case 6.6.4.5 | CMCC | agreed |  |  |
| R5-215246 | Text Proposal on Test Configuration | CMCC | revised |  | R5-216352 |
| R5-215247 | Text Proposal on Application Simulation | CMCC | approved |  |  |
| R5-215248 | Text Proposal on Analysis of mapping application to network slicing | CMCC | approved |  |  |
| R5-215249 | Text Proposal on Test Procedure A.2.1.1 | CMCC | approved |  |  |
| R5-215250 | Text Proposal on Test Procedure A.2.2.1 | CMCC | approved |  |  |
| R5-215251 | Text Proposal to Update References | CMCC | approved |  |  |
| R5-215252 | Editorial changes on wording | CMCC | approved |  |  |
| R5-215253 | Summary of the documents for TR 38.918 | CMCC | noted |  |  |
| R5-215254 | Update of reference sensitivity test requirements for DC\_41A\_n77A and DC\_41A\_n78A | Huawei, HiSilicon | agreed |  |  |
| R5-215255 | Correction to reference sensitivity test configuration for 3CC EN-DC | Huawei, HiSilicon | agreed |  |  |
| R5-215256 | Update of reference sensitivity test coverage for 3CC EN-DC configurations | Huawei, HiSilicon | revised |  | R5-216094 |
| R5-215257 | Update of reference sensitivity test coverage for 4CC EN-DC configurations | Huawei, HiSilicon | agreed |  |  |
| R5-215258 | Correction to TP analysis for reference sensitivity per EN-DC configuration | Huawei, HiSilicon | revised |  | R5-216057 |
| R5-215259 | Correction to Annex D Principles for test point selection for EN-DC reference sensitivity test cases | Huawei, HiSilicon | revised |  | R5-216058 |
| R5-215260 | Correction to applicability for LTE feMob | Huawei, Hisilicon | agreed |  |  |
| R5-215261 | Updates to 37.901-5 Annex A for Downlink Throughput tests with Variable Reference Channel | Qualcomm CDMA Technologies | revised |  | R5-216121 |
| R5-215262 | draft TR 38.918 v0.2.0 | China Mobile Com. Corporation | for email approval |  |  |
| R5-215263 | Add missing LO retrieval step in ULCA carrier leakage test procedure | Qualcomm Wireless GmbH | revised |  | R5-216089 |
| R5-215264 | Editorial corrections for various test cases | Qualcomm Wireless GmbH | revised |  | R5-215859 |
| R5-215265 | FR2 Spur emissions test config table updates and editor notes clean up | Qualcomm Wireless GmbH | revised |  | R5-216090 |
| R5-215266 | Added refsens deltaRIB test case for EN-DC including FR1 and FR2 | Qualcomm Wireless GmbH | agreed |  |  |
| R5-215267 | Update of D.2 | Intertek | agreed |  |  |
| R5-215268 | Updated EN-DC spur emissions including FR2 editor notes | Qualcomm Wireless GmbH | revised |  | R5-215887 |
| R5-215269 | Update of RRC TC 8.1.5.6.5.1 | Intertek | withdrawn |  |  |
| R5-215270 | Update to applicability TDD FDD 6DL CA Performance test cases | DEKRA | revised |  | R5-215923 |
| R5-215271 | Update applicability of TC 9.2.58 | DEKRA | revised |  | R5-215924 |
| R5-215272 | Updated editors note to indicate missing LO retrieval RRC framework | Qualcomm Wireless GmbH | revised |  | R5-216093 |
| R5-215273 | Correction of FR2 Carrier Leakage Test Case | Sporton, Keysight technologies UK Ltd | revised |  | R5-215860 |
| R5-215274 | Addition of 5.2.2.1.6 2Rx FDD FR1 PDSCH repetitions over multiple slots performance | Sporton, Huawei, HiSilicon | revised |  | R5-215954 |
| R5-215275 | Addition of 5.2.2.1.8 2Rx FDD FR1 PDSCH pre-emption performance | Sporton, Huawei, HiSilicon | revised |  | R5-215955 |
| R5-215276 | Addition of 5.2.2.2.6 2Rx TDD FR1 PDSCH repetitions over multiple slots performance | Sporton | revised |  | R5-215956 |
| R5-215277 | Addition of 5.2.2.2.8 2Rx TDD FR1 PDSCH pre-emption performance | Sporton | revised |  | R5-215957 |
| R5-215278 | Addition of 5.2.3.1.6 4Rx FDD FR1 PDSCH repetitions over multiple slots performance | Sporton | revised |  | R5-215958 |
| R5-215279 | Addition of 5.2.3.2.6 4Rx TDD FR1 PDSCH repetitions over multiple slots performance | Sporton | revised |  | R5-215959 |
| R5-215280 | Addition of Rel-16 SNPN TC 9.1.11.2 | Qualcomm CDMA Technologies | withdrawn |  | - |
| R5-215281 | Introduction of CA\_n71(2A) | WE Certification Oy, DISH Network | agreed |  |  |
| R5-215282 | Introduction of CA\_n71(2A) to Rx cases | WE Certification Oy, DISH Network | agreed |  |  |
| R5-215283 | Text Proposal on Test Procedure A.3.1.1 | China Mobile (Hangzhou) Inf. | approved |  |  |
| R5-215284 | Updating message contents for SUL test cases | Huawei, Hisilicon | agreed |  |  |
| R5-215285 | Removal of SUL band in NR single-carrier test cases | Huawei, Hisilicon | agreed |  |  |
| R5-215286 | Editorial correction to test case 6.2A.1 and 6.2A.2 | Huawei, Hisilicon | agreed |  |  |
| R5-215287 | Correction to test procedure of test case 6.5.2.3 Additional SEM | Huawei, Hisilicon | agreed |  |  |
| R5-215288 | Updating 7.3B.2.3 REFSENS testing for DC\_3A\_n28A-n78A | Huawei, Hisilicon | revised |  | R5-215898 |
| R5-215289 | Updating Test point analysis for DC\_3A\_n28A-n78A | Huawei, Hisilicon | revised |  | R5-216059 |
| R5-215290 | Updating 7.3B.2.3 REFSENS testing for DC\_7A\_n28A-n78A | Huawei, Hisilicon | revised |  | R5-215899 |
| R5-215291 | Updating Test point analysis for DC\_7A\_n28A-n78A | Huawei, Hisilicon | revised |  | R5-216060 |
| R5-215292 | Updating 7.3B.2.3 REFSENS testing for DC\_3A-20A\_n28A | Huawei, Hisilicon | agreed |  |  |
| R5-215293 | Updating Test point analysis for DC\_3A-20A\_n28A | Huawei, Hisilicon | agreed |  |  |
| R5-215294 | Updating 7.3B.2.3 REFSENS testing for DC\_7A-20A\_n28A | Huawei, Hisilicon | agreed |  |  |
| R5-215295 | Updating Test point analysis for DC\_7A-20A\_n28A | Huawei, Hisilicon | revised |  | R5-216061 |
| R5-215296 | Editorial correction to clause 7.3B.2.0.3 | Huawei, Hisilicon | agreed |  |  |
| R5-215297 | Updating the test requirement of NR test case MPR for MIMO | Huawei, Hisilicon | agreed |  |  |
| R5-215298 | Updating NR test case 6.2A.1 MOP for intra-band non-contiguous UL CA | Huawei, Hisilicon | agreed |  |  |
| R5-215299 | Updating test case 6.3A.4.1 Absolute power tolerance for intra-band non-contiguous UL CA | Huawei, Hisilicon | revised |  | R5-216065 |
| R5-215300 | Updating TP analysis for Absolute power tolerance for CA | Huawei, Hisilicon | revised |  | R5-216068 |
| R5-215301 | Updating test case 6.3A.4.2 Relative power tolerance for intra-band non-contiguous UL CA | Huawei, Hisilicon | revised |  | R5-216066 |
| R5-215302 | Updating TP analysis for Relative power tolerance for CA | Huawei, Hisilicon | agreed |  |  |
| R5-215303 | Updating test case 6.3A.4.3 Aggregate power tolerance for intra-band non-contiguous UL CA | Huawei, Hisilicon | revised |  | R5-216067 |
| R5-215304 | Updating TP analysis for Aggregate power tolerance for CA | Huawei, Hisilicon | agreed |  |  |
| R5-215305 | Updating test case 6.5A.1.1 occupied bandwidth for intra-band CA | Huawei, Hisilicon | agreed |  |  |
| R5-215306 | Updating TP analysis for Occupied bandwidth for CA | Huawei, Hisilicon | agreed |  |  |
| R5-215307 | Updating test case 6.3A.2 Transmit OFF power for intra-band non-contiguous UL CA | Huawei, Hisilicon | agreed |  |  |
| R5-215308 | Adding test frequencies for SUL band n97 | Huawei, Hisilicon | agreed |  |  |
| R5-215309 | Adding signalling test frequencies for SUL band n97 | Huawei, Hisilicon | revised |  | R5-216321 |
| R5-215310 | Introduction of UE capabilities for R17 SUL band n97 | Huawei, Hisilicon | agreed |  |  |
| R5-215311 | Updating MOP testing for SUL band n97 | Huawei, Hisilicon | agreed |  |  |
| R5-215312 | Updating MPR testing for SUL band band n97 | Huawei, Hisilicon | agreed |  |  |
| R5-215313 | Updating Spurious emissions for UE co-existence test cases for R17 requirements | Huawei, Hisilicon | revised |  | R5-215964 |
| R5-215314 | WP of NR\_lic\_bands\_BW\_R17-UEConTest 92e | Huawei, Hisilicon | reserved |  |  |
| R5-215315 | SR of NR\_lic\_bands\_BW\_R17-UEConTest 92e | Huawei, Hisilicon | reserved |  |  |
| R5-215316 | WP of NR\_lic\_bands\_BW\_R17-UEConTest 92e | Huawei, Hisilicon | withdrawn |  | - |
| R5-215317 | SR of Rel-17 NR CA and DC; and NR and LTE DC Configurations | Huawei, Hisilicon | reserved |  |  |
| R5-215318 | Updating FR1 RMC for Rx test cases | Huawei, Hisilicon | withdrawn |  |  |
| R5-215319 | On MU of FR2 power control test cases | Anritsu | noted |  |  |
| R5-215320 | Correction of power control in 38.903 | Anritsu | revised |  | R5-216105 |
| R5-215321 | Testability analysis and test point optimization for FR2 absolute power tolerance and aggregate power tolerance | Anritsu | noted |  |  |
| R5-215322 | Correction of power control in 38.521-2 | Anritsu | revised |  | R5-216091 |
| R5-215323 | Correction of power control in 38.521-3 | Anritsu | agreed |  |  |
| R5-215324 | Dynamic range issue and its solution in ON OFF time mask | Anritsu | noted |  |  |
| R5-215325 | Correction of ON OFF time mask in 38.521-2 | Anritsu | withdrawn |  |  |
| R5-215326 | Correction of ON OFF time mask in 38.521-3 | Anritsu | withdrawn |  |  |
| R5-215327 | TP analysis for FR2 General ON OFF time mask | Anritsu | agreed |  |  |
| R5-215328 | On MU and TT for FR2 EVM | Anritsu | noted |  |  |
| R5-215329 | Correction to MU and TT for spurious emission band UE co-existence | Anritsu | agreed |  |  |
| R5-215330 | Correction to MU for spurious emission band UE co-existence | Anritsu | agreed |  |  |
| R5-215331 | Correction to Reference Channel Parameters in UE Category M1 | Anritsu | agreed |  |  |
| R5-215332 | Update of requirement for spurious emission test case in 6.5A.3.2.1 | Anritsu | agreed |  |  |
| R5-215333 | Correction to test configuration in 7.3A.1 | Anritsu | revised |  | R5-216035 |
| R5-215334 | Correction of A-MPR test configuration for NS\_27 in 6.2.3 | Anritsu | agreed |  |  |
| R5-215335 | Correction of A-SPR test configuration for NS\_17 in 6.5.3.3 | Anritsu | agreed |  |  |
| R5-215336 | Correction to TP analysis for FR1 A-SPR with NS\_17 | Anritsu | agreed |  |  |
| R5-215337 | Correction of test CBW for n28 in 6.2B.1.3 | Anritsu | agreed |  |  |
| R5-215338 | Editors note correction to reference sensitivity for inter-band EN-DC including FR2 | Anritsu | revised |  | R5-215900 |
| R5-215339 | Editors note correction to reference sensitivity for CA | Anritsu | revised |  | R5-215861 |
| R5-215340 | Correction to CSI report configurations | Anritsu | revised |  | R5-215837 |
| R5-215341 | Correction to TRS configuration for RF test cases | Anritsu | agreed |  |  |
| R5-215342 | Correction to reporting granularity for single PMI TCs | Anritsu | agreed |  |  |
| R5-215343 | Correction to test time for measuring CQI in Sub-band CQI TCs | Anritsu | agreed |  |  |
| R5-215344 | Editorial error correction in Section 7 and 8 | Anritsu | revised |  | R5-215902 |
| R5-215345 | Correction to DCI bitlength for test 1-5 and 1-6 in TC 5.2.2.2.1\_1 and 5.2.3.2.1\_1 | Anritsu | agreed |  |  |
| R5-215346 | Correction to dedicated CORESET ID setting in PDCCH-Config for Standalone | Anritsu | revised |  | R5-216040 |
| R5-215347 | Clean-up of parameter settings and message contents in 8.4.2.2.1 | Anritsu | revised |  | R5-216021 |
| R5-215348 | Addition of Perf RI FR2 message contents | Anritsu | revised |  | R5-216027 |
| R5-215349 | Correction to UE Measurement Capability | Anritsu | withdrawn |  |  |
| R5-215350 | Addition of UE measurement capabilities for SFTD measurement | Anritsu | withdrawn |  |  |
| R5-215351 | Correction of Frame Time offset and SMTC config in EUTRA-NR Inter-RAT SFTD measurement delay | Anritsu | withdrawn |  |  |
| R5-215352 | Correction to test frequeny selection for intra-band EN-DC | Anritsu | agreed |  |  |
| R5-215353 | Correction to test procedure for 6.1.2.2 IRAT ReSelection | Anritsu, Qualcomm Korea | revised |  | R5-215912 |
| R5-215354 | Correction to test requirement for 8.4.2.4 and error in writing for 8.4.2.x | Anritsu | agreed |  |  |
| R5-215355 | Correction to DRX configuration for eliminating overlap between DRX and SMTC | Anritsu | agreed |  |  |
| R5-215356 | Correction to 8.1.4.1.5 | Guangdong OPPO Mobile Telecom. | agreed |  |  |
| R5-215357 | Updating UE capability for NR inter-band EN-DC configurations | DOCOMO Communications Lab. | agreed |  |  |
| R5-215358 | Correction to 8.1.4.1.9.1 | Guangdong OPPO Mobile Telecom. | withdrawn |  |  |
| R5-215359 | Correction to introduce Handling of PDU Session Release during switch off/Power off procedures | ROHDE & SCHWARZ, Apple | revised |  | R5-216151 |
| R5-215360 | Correction to test case 6.3.1.1 and 6.3.1.3 | China Telecommunications | agreed |  |  |
| R5-215361 | Updates to Tx test case 6.6.3EC.2 for release-16 | Ericsson | agreed |  |  |
| R5-215362 | Update GNSS scenarios for multi-GNSS | ROHDE & SCHWARZ, MediaTek Inc. | revised |  | R5-215814 |
| R5-215363 | Update number of satellites for multi-GNSS for LTE tests | ROHDE & SCHWARZ, MediaTek Inc. | withdrawn |  |  |
| R5-215364 | Update number of satellites for multi-GNSS for NR tests | ROHDE & SCHWARZ, MediaTek Inc. | withdrawn |  |  |
| R5-215365 | Core spec alignment to add CCR configuration for EN-DC PRACH | ROHDE & SCHWARZ | agreed |  |  |
| R5-215366 | Core spec alignment to add CCR configuration for EN-DC Timing | ROHDE & SCHWARZ | agreed |  |  |
| R5-215367 | Core spec alignment to add CCR configuration for EN-DC event triggered | ROHDE & SCHWARZ | agreed |  |  |
| R5-215368 | Addition of minimum conformance requirements of cell re-selection with relaxed measurement criterion in FR2 | CATT | agreed |  |  |
| R5-215369 | Update of TC6.2D.1 UE maximum output power for UL MIMO | SGS Wireless | withdrawn |  |  |
| R5-215370 | Correction of General extension payload in Mikey message | Motorola Solutions | agreed |  |  |
| R5-215371 | PRD-17 on Guidance to Work Item Codes (post RAN#93-e version) | Bureau Veritas (Rapporteur) | for email approval |  |  |
| R5-215372 | Update to applicability spec for 5G test cases | Bureau Veritas, China Mobile, MediaTek Inc., Huawei, HiSilicon, Ericsson, ROHDE & SCHWARZ, TTA, Qualcomm Incorporated, Anritsu, CAICT | revised |  | R5-216097 |
| R5-215373 | Update Test applicability to FR1 TC 6.3C.2 | Bureau Veritas | agreed |  |  |
| R5-215374 | Update to V2X test cases | Bureau Veritas, Huawei, HiSilicon | agreed |  |  |
| R5-215375 | Update to applicability table of V2X test cases | Bureau Veritas, Huawei, HiSilicon | agreed |  |  |
| R5-215376 | Update to EN-DC R15 common section | Bureau Veritas | agreed |  |  |
| R5-215377 | Update to EN-DC R16 common section | Bureau Veritas, Apple Portugal | revised |  | R5-215928 |
| R5-215378 | Update to EN-DC R17 common section | Bureau Veritas, China Unicom | agreed |  |  |
| R5-215379 | Update of R15 EN-DC Tx tests | Bureau Veritas | agreed |  |  |
| R5-215380 | Update of applicability and title for R16 EN-DC Tx tests | Bureau Veritas | agreed |  |  |
| R5-215381 | Updated to title of clause 6.5B.5.x | Bureau Veritas | agreed |  |  |
| R5-215382 | Updating FR1 RMC for Rx test cases | Huawei, Hisilicon | withdrawn |  |  |
| R5-215383 | Correction of XCAP Root URI in HTTP GET Requests | Motorola Solutions | agreed |  |  |
| R5-215384 | Update of cl 6.2B.1.1 for RF | CMCC, Qualcomm | withdrawn |  |  |
| R5-215385 | Update of cl 6.2B.1.2 for RF | CMCC, Qualcomm | withdrawn |  |  |
| R5-215386 | Update of cl 6.2B.1.3 for RF | CMCC, Qualcomm | revised |  | R5-215813 |
| R5-215387 | Update of cl 7.3B.2.1 for RF | CMCC, Qualcomm | withdrawn |  |  |
| R5-215388 | Update of cl 7.3B.2.2 for RF | CMCC, Qualcomm | withdrawn |  |  |
| R5-215389 | Update of cl 7.3B.2.3 for RF | CMCC, Qualcomm | withdrawn |  |  |
| R5-215390 | Update of cl 5.2.2.1.1\_1 for Demod | CMCC, Qualcomm | withdrawn |  |  |
| R5-215391 | Update of R16 new CBW configurations into TS38.521-1 clause 5 | China Unicom | revised |  | R5-215929 |
| R5-215392 | Add test case 4.3.2.2.3 for EN-DC FR1 2-step PRACH | ROHDE & SCHWARZ | agreed |  |  |
| R5-215393 | Add test case 4.3.2.2.4 for EN-DC FR1 2-step PRACH | ROHDE & SCHWARZ | agreed |  |  |
| R5-215394 | Add test case 5.3.2.2.3 for EN-DC FR2 2-step PRACH | ROHDE & SCHWARZ | agreed |  |  |
| R5-215395 | Add test case 5.3.2.2.4 for EN-DC FR2 2-step PRACH | ROHDE & SCHWARZ | agreed |  |  |
| R5-215396 | Add test case 6.3.2.2.3 for SA FR1 2-step PRACH | ROHDE & SCHWARZ | agreed |  |  |
| R5-215397 | Add test case 6.3.2.2.4 for SA FR1 2-step PRACH | ROHDE & SCHWARZ | agreed |  |  |
| R5-215398 | Add 2-Step PRACH test cases to Annex E | ROHDE & SCHWARZ | agreed |  |  |
| R5-215399 | Add 2-Step PRACH test cases to Applicability spec | ROHDE & SCHWARZ | agreed |  |  |
| R5-215400 | Update of R17 CADC configurations into TS38.521-1 clause 5 | China Unicom, WE Certification, DISH Network, China Telecommunications | revised |  | R5-216080 |
| R5-215401 | Routine maintenance for TS 36.523-3 | MCC TF160 | agreed |  |  |
| R5-215402 | Routine maintenance for TS 34.229-3 | MCC TF160 | revised |  | R5-216341 |
| R5-215403 | Update of R17 new band and CBWs into TS38.521-1 clause 5 | China Unicom, Huawei, HiSilicon | revised |  | R5-215967 |
| R5-215404 | Correction to 5GMM TC 9.1.5.1.1 | ANRITSU LTD | agreed |  |  |
| R5-215405 | URSP and SST | Ericsson | noted |  |  |
| R5-215406 | Update of CBW 70MHz into TC 6.3.4.2 absolute power tolerance | China Unicom | agreed |  |  |
| R5-215407 | Correction to NR MAC test case 7.1.1.3.2 | ANRITSU LTD | agreed |  |  |
| R5-215408 | Updates to NR cell configurations for SIG | MCC TF160 | revised |  | R5-216160 |
| R5-215409 | FR2 RRM test cases: Known Issue List | Ericsson | noted |  |  |
| R5-215410 | FR2 RRM test cases: Known Issue List - after RAN5\_92e | Ericsson | noted |  |  |
| R5-215411 | Correction of RRM HST test cases applicability | Ericsson | agreed |  |  |
| R5-215412 | Addition of cell configuration for RRM HST test cases in Annex E | Ericsson | agreed |  |  |
| R5-215413 | Correction of RRM HST Inter-RAT measurements test case 6.6.3.3 | Ericsson | agreed |  |  |
| R5-215414 | Correction of RRM HST E-UTRA NR FR1 Cell reselection test case 8.2.1.2 | Ericsson | agreed |  |  |
| R5-215415 | Correction of RRM HST E-UTRA NR Inter-RAT event triggered reporting test case 8.4.2.9 | Ericsson | agreed |  |  |
| R5-215416 | Correction of CSI-ReportConfig in Annex H | Ericsson | revised |  | R5-215918 |
| R5-215417 | Correction of RRM EN-DC FR2 SSB-based L1-RSRP measurement in non-DRX test case 5.6.3.1 including Test Tolerance | Ericsson | revised |  | R5-216145 |
| R5-215418 | Correction of RRM EN-DC FR2 SSB-based L1-RSRP measurement in DRX test case 5.6.3.2 including Test Tolerance | Ericsson | revised |  | R5-216146 |
| R5-215419 | Correction of RRM EN-DC FR2 CSI-RS-based L1-RSRP measurement in non-DRX test case 5.6.3.3 | Ericsson | revised |  | R5-216147 |
| R5-215420 | Correction of RRM EN-DC FR2 CSI-RS-based L1-RSRP measurement in DRX test case 5.6.3.4 | Ericsson | agreed |  |  |
| R5-215421 | Correction of RRM NR SA FR2 SSB-based L1-RSRP measurement in non-DRX test case 7.6.3.1 including Test Tolerance | Ericsson | revised |  | R5-216148 |
| R5-215422 | Correction of RRM NR SA FR2 SSB-based L1-RSRP measurement in DRX test case 7.6.3.2 including Test Tolerance | Ericsson | revised |  | R5-216149 |
| R5-215423 | Correction of RRM NR SA FR2 CSI-RS-based L1-RSRP measurement in non-DRX test case 7.6.3.3 | Ericsson | revised |  | R5-216360 |
| R5-215424 | Correction of RRM NR SA FR2 CSI-RS-based L1-RSRP measurement in DRX test case 7.6.3.4 | Ericsson | revised |  | R5-216361 |
| R5-215425 | Correction of RRM EN-DC FR2-FR2 event-triggered reporting in DRX test case 5.6.2.2 including Test Tolerance | Ericsson | agreed |  |  |
| R5-215426 | Correction of RRM EN-DC FR2-FR2 event-triggered reporting in DRX with SSB time index detection test case 5.6.2.4 including Test Tolerance | Ericsson | agreed |  |  |
| R5-215427 | Correction of RRM SA FR2-FR2 event-triggered reporting in DRX test case 7.6.2.2 including Test Tolerance | Ericsson | agreed |  |  |
| R5-215428 | Correction of RRM SA FR2-FR2 event-triggered reporting in DRX with SSB time index detection test case 7.6.2.4 including Test Tolerance | Ericsson | agreed |  |  |
| R5-215429 | Editorial correction of RRM FR2 EN-DC event triggered measurement test cases | Ericsson | agreed |  |  |
| R5-215430 | Editorial correction of RRM FR2 SA event triggered measurement test cases | Ericsson | agreed |  |  |
| R5-215431 | Correction of Measurement Uncertainty and Test Tolerance in Annex F for RRM test cases | Ericsson | agreed |  |  |
| R5-215432 | Correction of Test Tolerance analysis for FR2 event triggered reporting in non-DRX test cases | Ericsson | revised |  | R5-216362 |
| R5-215433 | Correction of Test Tolerance analysis for FR2 event triggered reporting in DRX test cases | Ericsson | agreed |  |  |
| R5-215434 | Test Tolerance analysis for FR2 SSB-based L1-RSRP measurement for beam reporting test cases | Ericsson | revised |  | R5-216363 |
| R5-215435 | Add 5.3.2.2.1 and 5.3.2.2.2 to applicability test spec | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-215436 | Add MsgA configuration to the TS 38.533 annexes | ROHDE & SCHWARZ | agreed |  |  |
| R5-215437 | Update of specific message content for MAC TC 7.1.1.1.2 | MediaTek Inc. | agreed |  |  |
| R5-215438 | Update of CBW 70MHz into TC 6.3.4.3 relative power tolerance | China Unicom | agreed |  |  |
| R5-215439 | Update of CBW 70MHz into TC 6.3A.3.1 | China Unicom | agreed |  |  |
| R5-215440 | Correction to Idle TC 6.3.1.10 | MediaTek Inc. | revised |  | R5-216168 |
| R5-215441 | Correction of MDT Test Case 8.1.6.1.4.1 and 8.1.6.1.4.4 | TDIA, CATT | revised |  | R5-216311 |
| R5-215442 | Correction of MDT Test Case 8.1.6.1.4.2 and 8.1.6.1.4.3 | TDIA, CATT | revised |  | R5-216312 |
| R5-215443 | Correction of MDT Test Case 8.1.6.1.4.5 | TDIA, CATT, Huawei, Hisilicon | revised |  | R5-216313 |
| R5-215444 | Correction of MDT Test Case 8.1.6.1.4.6 and 8.1.6.1.4.7 | TDIA, CATT | revised |  | R5-216314 |
| R5-215445 | Update of A.4.3.2A.4.1 for implementation capabilities for NR inter-band CA within FR1 for two bands | ZTE Corporation | revised |  | R5-215839 |
| R5-215446 | Update of A.4.3.2A.4.2 for implementation capabilities for NR inter-band CA within FR1 for three bands | ZTE Corporation | revised |  | R5-215840 |
| R5-215447 | Update of A.4.3.2A.3.1 for implementation capabilities for NR intra-band non-contiguous CA within FR1 | ZTE Corporation | revised |  | R5-215841 |
| R5-215448 | Update of A.4.3.2A.3.2 for implementation capabilities for NR intra-band non-contiguous CA within FR2 | ZTE Corporation | revised |  | R5-215842 |
| R5-215449 | Update of A.4.3.2A.2.1 for implementation capabilities for NR intra-band contiguous CA within FR1 | ZTE Corporation | revised |  | R5-215843 |
| R5-215450 | Update of A.4.3.2A.2.2 for implementation capabilities for NR intra-band contiguous CA within FR2 | ZTE Corporation | revised |  | R5-215844 |
| R5-215451 | Update of 6.5B.3.3.2.3 for the requirements of spurious emission band UE co-existence limits for Rel-16 | ZTE Corporation | revised |  | R5-216016 |
| R5-215452 | Update of 6.3.3.6 for SRS time mask test for BW 70MHz | ZTE Corporation, China Unicom | revised |  | R5-216110 |
| R5-215453 | Update of 6.2A.1 for UE maximum output power for CA | ZTE Corporation | revised |  | R5-216107 |
| R5-215454 | Update of 5.5A.2 for intra-band non-contiguous CA configuration table | ZTE Corporation | revised |  | R5-215807 |
| R5-215455 | Update of 5.5A.1 for intra-band contiguous CA configuration table | ZTE Corporation | revised |  | R5-216063 |
| R5-215456 | Update of 4.3.1.4.1 for test frequencies for EN-DC configurations within FR1 | ZTE Corporation | agreed |  |  |
| R5-215457 | Update of 4.3.1.1.2 for NR inter-band CA configurations in FR1 | ZTE Corporation | revised |  | R5-215972 |
| R5-215458 | Editorial corrections of A.4.3.2B.2.3.1 for inter-band EN-DC within FR1 | ZTE Corporation, China Unicom, China Telecom | revised |  | R5-216106 |
| R5-215459 | Correction of 6.2.3 for UE additional maximum output power reduction | ZTE Corporation | revised |  | R5-216085 |
| R5-215460 | Correction of 5.4B.1 for channel spacing for intra-band EN-DC carriers | ZTE Corporation | agreed |  |  |
| R5-215461 | Correction of 6.2.1 for UE capability IE for maximum output power | ZTE Corporation | revised |  | R5-216086 |
| R5-215462 | Correction of 4.3.1.0D for locationAndBandwidth in BWP | ZTE Corporation | agreed |  |  |
| R5-215463 | Correct the abbreviations for network signalling value in 38.521-1 | ZTE Corporation | agreed |  |  |
| R5-215464 | Correct the abbreviations for network signalling value in 38.521-2 | ZTE Corporation | revised |  | R5-215925 |
| R5-215465 | Correction of 5.5C for configurations of SUL bands | ZTE Corporation | withdrawn |  |  |
| R5-215466 | Correction of NR5GC RRC Test Case 8.1.1.3.7 | TDIA, CATT | withdrawn |  |  |
| R5-215467 | Revised WID: UE Conformance Test Aspects - Rel-14 LTE CA configurations | Ericsson | withdrawn |  |  |
| R5-215468 | Update of beam peak search procedure | Rohde & Schwarz | withdrawn |  |  |
| R5-215469 | Update of beam peak vendor declarations | Rohde & Schwarz | withdrawn |  |  |
| R5-215470 | Correction of message exceptions in PDCCH test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-215471 | Update of message exceptions | ROHDE & SCHWARZ | revised |  | R5-216041 |
| R5-215472 | Correction of test configuration in test case 6.5.2.2.2 | ROHDE & SCHWARZ | agreed |  |  |
| R5-215473 | Clarification of PCC for FR2 DL CA | ROHDE & SCHWARZ | agreed |  |  |
| R5-215474 | Correction of common UL configuration | ROHDE & SCHWARZ | agreed |  |  |
| R5-215475 | Addition of test case 6.4B.2.4.5 | ROHDE & SCHWARZ | revised |  | R5-215888 |
| R5-215476 | On the MU of Tx Modulation Quality test cases | ROHDE & SCHWARZ | noted |  |  |
| R5-215477 | Update of transmit modulation quality test cases | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-215478 | MU for Tx modulation quality test cases | ROHDE & SCHWARZ | revised |  | R5-215815 |
| R5-215479 | On the MU of FR2 OBW | ROHDE & SCHWARZ | noted |  |  |
| R5-215480 | On FR2 ON/OFF Time Mask | ROHDE & SCHWARZ | noted |  |  |
| R5-215481 | On the SNR of FR2 TRx test cases for PC1 | ROHDE & SCHWARZ | noted |  |  |
| R5-215482 | Editorial corrections in Reference Sensitivity for CA tests | ROHDE & SCHWARZ | agreed |  |  |
| R5-215483 | Update of MPR, ACLR, SEM CA test cases | ROHDE & SCHWARZ | revised |  | R5-216005 |
| R5-215484 | Correction for CA\_21A-28A in test case 7.3A.3 | ROHDE & SCHWARZ | agreed |  |  |
| R5-215485 | On the relative power measurement MU | ROHDE & SCHWARZ | noted |  |  |
| R5-215486 | WP - UE Conformance Test Aspects - 29 dBm UE Power Class for LTE Band 41and NR Band n41 (UID-920068) | T-Mobile USA Inc. | noted |  |  |
| R5-215487 | SR - UE Conformance Test Aspects - 29 dBm UE Power Class for LTE Band 41and NR Band n41 (UID-920068) | T-Mobile USA Inc. | noted |  |  |
| R5-215488 | Adding Power Class 1.5 for LTE Band 41and NR Band n41 MOP | T-Mobile USA Inc. | revised |  | R5-216000 |
| R5-215489 | Adding Power Class 1.5 for LTE Band 41and NR Band n41 MPR | T-Mobile USA Inc. | revised |  | R5-216001 |
| R5-215490 | Adding Power Class 1.5 for LTE Band 41and NR Band n41 A-MPR | T-Mobile USA Inc. | revised |  | R5-216002 |
| R5-215491 | NB-IoT Test Frequency Corrections to align with RAN4 and US FCC | T-Mobile USA Inc., Qualcomm | revised |  | R5-215823 |
| R5-215492 | Misc. updates to test case applicability and PICS | MCC TF160 | agreed |  |  |
| R5-215493 | WP UE Conformance Test Aspects - Even further enhanced MTC for LTE | Ericsson | noted |  |  |
| R5-215494 | SR UE Conformance Test Aspects - Even further enhanced MTC for LTE | Ericsson | noted |  |  |
| R5-215495 | Applicability for new Data Off Test Cases | Ericsson | withdrawn |  |  |
| R5-215496 | New IMS TC Data Off / MO Video Call / 5GS | Ericsson | revised |  | R5-215760 |
| R5-215497 | New IMS TC Data Off / MO Call / 5GS | Ericsson | revised |  | R5-215761 |
| R5-215498 | Introduction of MIoT SST | Ericsson | revised |  | R5-216256 |
| R5-215499 | Introduction of V2X SST | Ericsson | agreed |  |  |
| R5-215500 | Introduction of PS Data Off | Ericsson | revised |  | R5-216155 |
| R5-215501 | Introduction of URSP | Ericsson | revised |  | R5-216156 |
| R5-215502 | Addition of UE Configuration Update procedure | Ericsson | revised |  | R5-216152 |
| R5-215503 | Updates to REGISTRATION messages | Ericsson | revised |  | R5-216157 |
| R5-215504 | Updates to Table 4.4A.5-2 | Ericsson | agreed |  |  |
| R5-215505 | Addition of PIC for MIoT SST | Ericsson | revised |  | R5-216258 |
| R5-215506 | Addition of PIC for V2X SST | Ericsson | revised |  | R5-216271 |
| R5-215507 | Update to test case 6.2.1.4 | Ericsson | agreed |  |  |
| R5-215508 | Updating Rel-17 NR inter-band CA configuration | DOCOMO Communications Lab. | withdrawn |  |  |
| R5-215509 | Updating n259 TT in TS38.521-2 | DOCOMO Communications Lab. | withdrawn |  |  |
| R5-215510 | Updating test frequencies for Rel-16 inter-band EN-DC configurations | DOCOMO Communications Lab. | withdrawn |  |  |
| R5-215511 | Addition of PDSCH demodulation for DC with power imbalance | DOCOMO Communications Lab. | withdrawn |  |  |
| R5-215512 | Correction to NR5GC testcase 10.1.1.1 | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-215513 | Update of CBW 70MHz into TC 6.3A.3.1\_1 | China Unicom | agreed |  |  |
| R5-215514 | Correction to EPS FB Testcases 11.1.x for FR2 | ANRITSU LTD | revised |  | R5-216190 |
| R5-215515 | Discussion on coherent UL-MIMO measurement | Huawei, HiSilicon | revised |  | R5-215820 |
| R5-215516 | Update\_TP\_analysis for Rel\_16\_DC\_14A\_n66A | Qualcomm Austria RFFE GmbH | revised |  | R5-216064 |
| R5-215517 | Minor correction on UL additional reference channels parameters for TDD 60kHz SCS | Keysight technologies UK Ltd, Qualcomm Incorporated | agreed |  |  |
| R5-215518 | Editorial correction: channel bandwidth and RB allocation revision in Test frequencies for CA\_n260(A-I) | Keysight technologies UK Ltd | agreed |  |  |
| R5-215519 | Spurious co-existence core requirement updates for Dual connectivity including band n28 and other core requirement alignments | Keysight technologies UK Ltd, Orange | revised |  | R5-216131 |
| R5-215520 | Updates to spurious emission CA test points | Keysight technologies UK Ltd | withdrawn |  |  |
| R5-215521 | Updates to Editors note for spurious emission CA test case | Keysight technologies UK Ltd | agreed |  |  |
| R5-215522 | Spurious co-existence corrections for band combo DC\_8\_n41 | Keysight technologies UK Ltd, Ericsson | revised |  | R5-215926 |
| R5-215523 | 5GS\_NR\_LTE-UEConTest Work plan extension request | Keysight technologies UK Ltd | noted |  |  |
| R5-215524 | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest Work plan extension request | Keysight technologies UK Ltd | revised |  | R5-215821 |
| R5-215525 | EN-DC including FR2 DL CA up to 8 NR CCs REFSENS test cases addition | Keysight technologies UK Ltd | revised |  | R5-215832 |
| R5-215526 | EN-DC including FR2 DL CA up to 8 NR CCs REFSENS test cases addition | Keysight technologies UK Ltd | withdrawn |  | - |
| R5-215527 | Occupied bandwidth for Intra-Band Contiguous EN-DC measurement uncertainty | Keysight technologies UK Ltd | noted |  |  |
| R5-215528 | Occupied bandwidth for Intra-Band Contiguous EN-DC measurement uncertainty - notes | Keysight technologies UK Ltd | revised |  | R5-215816 |
| R5-215529 | Occupied bandwidth for Intra-Band Contiguous EN-DC measurement uncertainty | Keysight technologies UK Ltd | revised |  | R5-215817 |
| R5-215530 | Correction on Test frequencies for DC\_(n)41CA | Keysight technologies UK Ltd | agreed |  |  |
| R5-215531 | Out-of-band emissions for FR2 UL MIMO initial conditions | Keysight technologies UK Ltd, Sporton | noted |  |  |
| R5-215532 | FR2 SA UL MIMO Out-of-band emissions initial conditions updates | Keysight technologies UK Ltd, Sporton | revised |  | R5-216036 |
| R5-215533 | Out-of-band emissions for FR2 UL MIMO Measurement uncertainties and test tolerances | Keysight technologies UK Ltd, Sporton | noted |  |  |
| R5-215534 | FR2 SA UL MIMO measurement uncertainties and test tolerances updates | Keysight technologies UK Ltd, Sporton | revised |  | R5-215830 |
| R5-215535 | FR2 SA UL MIMO Maximum Power Reduction update | Keysight technologies UK Ltd, Sporton | revised |  | R5-216037 |
| R5-215536 | Defining TP analysis for MPR, SEM and ACLR for FR2 UL MIMO | Keysight technologies UK Ltd, Sporton | revised |  | R5-216062 |
| R5-215537 | Editorial corrections to Spectrum emissions mask for intra-band contiguous EN-DC | Keysight technologies UK Ltd | withdrawn |  |  |
| R5-215538 | Message content updates for intra-band contiguous EN-DC additional spectrum emission mask test | Keysight technologies UK Ltd | revised |  | R5-215889 |
| R5-215539 | Message contents addition for intra-band non contiguous EN-DC SEM, A-SEM and ACLR test cases | Keysight technologies UK Ltd | revised |  | R5-215890 |
| R5-215540 | Measurement Uncertainties and test tolerances for NSA FR2 CA Maximum Output Power and Spectrum Emission Mask | Keysight technologies UK Ltd | revised |  | R5-215833 |
| R5-215541 | Test frequencies update for CA\_ n257G, CA\_ n257H and CA\_ n257I | Keysight technologies UK Ltd | agreed |  |  |
| R5-215542 | Editorial correction for Receiver Spurious Emissions Measurement Uncertainty | Keysight technologies UK Ltd | revised |  | R5-215831 |
| R5-215543 | Update\_TP\_analysis for Rel\_16\_DC\_14A\_n2A | Qualcomm Austria RFFE GmbH | agreed |  |  |
| R5-215544 | Update to the coherent UL-MIMO test case | Huawei, HiSilicon | revised |  | R5-216033 |
| R5-215545 | Update\_TP\_analysis for Rel\_16\_DC\_13A\_n2A | Qualcomm Austria RFFE GmbH | agreed |  |  |
| R5-215546 | SR UE Conformance Test Aspects - Enhancing LTE CA Utilization | Nokia, Nokia Shanghai Bell | noted |  |  |
| R5-215547 | Update\_TP\_analysis for Rel\_15\_DC\_2A\_n71A | Qualcomm Austria RFFE GmbH | agreed |  |  |
| R5-215548 | WP UE Conformance Test Aspects - Enhancing LTE CA Utilization | Nokia, Nokia Shanghai Bell | noted |  |  |
| R5-215549 | SR UE Conformance Test Aspects - LTE-NR & NR-NR Dual Connectivity and NR CA enhancements | Nokia, Nokia Shanghai Bell | revised |  | R5-216357 |
| R5-215550 | Update\_TP\_analysis for Rel\_15\_DC\_66A\_n71A | Qualcomm Austria RFFE GmbH | agreed |  |  |
| R5-215551 | WP UE Conformance Test Aspects - LTE-NR & NR-NR Dual Connectivity and NR CA enhancements | Nokia, Nokia Shanghai Bell | revised |  | R5-216358 |
| R5-215552 | New testcase for E-UTRAN FDD hibernation and activation of known SCell in Non-DRX | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-215553 | New testcase for E-UTRAN FDD hibernation and activation of unknown SCell in Non-DRX | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-215554 | New testcase for E-UTRAN TDD hibernation and activation of known SCell in Non-DRX | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-215555 | Clarification text on LCS Sub-Test Cases | Apple Gesellschaft | withdrawn |  |  |
| R5-215556 | Clarification text on LCS Sub-Test Cases | Apple Gesellschaft | withdrawn |  |  |
| R5-215557 | UE maximum output power for UL-MIMO | Apple Gesellschaft | withdrawn |  |  |
| R5-215558 | EIS spherical coverage for inter-band CA | Apple Gesellschaft | withdrawn |  |  |
| R5-215559 | DL CA BW Enhancement and CA REFSENS | Apple Gesellschaft | withdrawn |  |  |
| R5-215560 | Discussion on handling ETC for FR2 RF CA test case scenarios | Apple Gesellschaft | noted |  |  |
| R5-215561 | New testcase for E-UTRAN TDD hibernation and activation of unknown SCell in Non-DRX | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-215562 | Introduction of Reference sensitivity for NR-U | Qualcomm Austria RFFE GmbH | agreed |  |  |
| R5-215563 | Introduction of general spurious emission for NR-U | Qualcomm Austria RFFE GmbH | revised |  | R5-215985 |
| R5-215564 | Introduction of Spectrum emission mask for NR-U | Qualcomm Austria RFFE GmbH | agreed |  |  |
| R5-215565 | Discussion of test applicability for different NS values | Qualcomm Austria RFFE GmbH | revised |  | R5-216083 |
| R5-215566 | Correction to test applicability for different NS value | Qualcomm Austria RFFE GmbH | revised |  | R5-216034 |
| R5-215567 | Update for 6.5B.3.3.1 for Rel 15 combos | Qualcomm Austria RFFE GmbH | revised |  | R5-216013 |
| R5-215568 | Update for reference sensitivity for DC\_48A\_n66A | Qualcomm Austria RFFE GmbH | revised |  | R5-216108 |
| R5-215569 | TP analysis for DC\_48A\_n66A | Qualcomm Austria RFFE GmbH | withdrawn |  | - |
| R5-215570 | Update for 6.5B.3.3.1 for Rel 16 combos | Qualcomm Austria RFFE GmbH | revised |  | R5-215927 |
| R5-215571 | Update for 6.5B.3.3.2 Spurious emission band UE co-existence | Qualcomm Austria RFFE GmbH | revised |  | R5-215810 |
| R5-215572 | CR coversheet:  Update for 6.5B.3.3.2 Spurious emission band UE co-existence | Qualcomm Austria RFFE GmbH | revised |  | R5-215811 |
| R5-215573 | Update for 6.5.4 Transmit intermodulation | Qualcomm Austria RFFE GmbH | agreed |  |  |
| R5-215574 | Correction to LTE CA\_41E channel spacing | Qualcomm Austria RFFE GmbH | agreed |  |  |
| R5-215575 | Modification of test loop mode B for ethernet header compression for NR | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| R5-215576 | Modification of testcase 7.1.3.5.7 Ethernet header compression and decompression / Correct functionality of ethernet header compression and decompression | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| R5-215577 | Introduction of SCell hibernation RRM Testcase Applicabilities | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-215578 | Resubmission of New MAC test case on 2-Step RACH | ETSI (Lenovo, Motorola Mobility) | agreed |  |  |
| R5-215579 | Resubmission of New MAC test case on 2-Step RACH Explicitly signalled | ETSI (Lenovo, Motorola Mobility)) | agreed |  |  |
| R5-215580 | On Declaration of Antenna Aperture for DFF based RRM systems | Keysight Technologies UK Ltd | noted |  |  |
| R5-215581 | CR on Antenna Aperture Declarations | Keysight Technologies UK Ltd | agreed |  |  |
| R5-215582 | Introduction of MTSU mapping related to Max Device Size | Keysight Technologies UK Ltd | revised |  | R5-215834 |
| R5-215583 | MTSU and TT mapping related to Max Device Size | Keysight Technologies UK Ltd | agreed |  |  |
| R5-215584 | MTSU and TT mapping related to Max Device Size | Keysight Technologies UK Ltd | agreed |  |  |
| R5-215585 | MTSU and TT mapping related to Max Device Size | Keysight Technologies UK Ltd | agreed |  |  |
| R5-215586 | Addition of RAN4 agreed contents for VRC scenarios to 37.901-5 | Qualcomm Korea | revised |  | R5-216139 |
| R5-215587 | Correction to MCVideo Test Case 6.1.2.1 | NIST | revised |  | R5-216344 |
| R5-215588 | Correction to MCVideo Test Case 6.1.2.2 | NIST | revised |  | R5-216345 |
| R5-215589 | Correction to MCVideo Test Case 6.1.2.3 | NIST | revised |  | R5-216346 |
| R5-215590 | Correction to MCVideo Test Case 6.1.2.4 | NIST | revised |  | R5-216347 |
| R5-215591 | Correction to MCVideo Test Case 6.2.1 | NIST | revised |  | R5-216348 |
| R5-215592 | Correction to MCVideo Test Case 6.2.2 | NIST | revised |  | R5-216349 |
| R5-215593 | Correction to MCVideo Test Case 6.2.3 | NIST | agreed |  |  |
| R5-215594 | Correction to MCVideo Test Case 6.2.4 | NIST | agreed |  |  |
| R5-215595 | Correction to MCVideo Test Case 6.2.5 | NIST | agreed |  |  |
| R5-215596 | Correction to MCVideo Test Case 6.2.6 | NIST | agreed |  |  |
| R5-215597 | Correction to MCVideo Test Case 6.2.7 | NIST | revised |  | R5-216350 |
| R5-215598 | Correction to MCVideo Test Case 6.2.8 | NIST | revised |  | R5-216351 |
| R5-215599 | Addition of MCVideo Test Case 6.1.2.5 On-network / On-demand Pre-arranged Group Call / Emergency Group Call / Client Originated (CO) | NIST | agreed |  |  |
| R5-215600 | Addition of MCPTT Test Case 5.6 Configuration / Download CSK | NIST | revised |  | R5-216283 |
| R5-215601 | Addition of MCPTT Test Case 5.7 Configuration / Subscription to group dynamic data / De-subscribe | NIST | agreed |  |  |
| R5-215602 | Addition of MIKEY-SAKKE I\_MESSAGE Table 5.5.9.1-1A CSK download sent by the SS | NIST | revised |  | R5-216282 |
| R5-215603 | SR UE Conformance Test Aspects - Enhancements for Mission Critical Services MCPTT, MCData and MCVideo | NIST | noted |  |  |
| R5-215604 | WP UE Conformance Test Aspects - Enhancements for Mission Critical Services MCPTT, MCData and MCVideo | NIST | noted |  |  |
| R5-215605 | Introduction of n24 | Ligado Networks | revised |  | R5-215725 |
| R5-215606 | Addition of test case 10.4 | MediaTek Inc. | revised |  | R5-216240 |
| R5-215607 | On FR2 RLM testability issues | Keysight Technologies UK Ltd | revised |  | R5-215827 |
| R5-215608 | On max testable SNR for Demod testing | Keysight Technologies UK Ltd | withdrawn |  |  |
| R5-215609 | MTSU and TT mapping related to Max Device Size in TS 38.521-4 | Keysight Technologies UK Ltd | agreed |  |  |
| R5-215610 | Update 9.4B.1.1 message content | Keysight Technologies UK Ltd | agreed |  |  |
| R5-215611 | Addition of test case 10.9 | MediaTek Inc. | revised |  | R5-216241 |
| R5-215612 | Correction RF E-UTRA CONNECTED state | Keysight Technologies UK Ltd | agreed |  |  |
| R5-215613 | Discussion paper on RRC DL segmentation test method | MediaTek Inc. | noted |  |  |
| R5-215614 | Update on 6.3.1.1 to be aligned with TS 38.133 | Keysight Technologies UK Ltd | agreed |  |  |
| R5-215615 | Clarification text on LCS Sub-Test Cases | Apple Gesellschaft | withdrawn |  |  |
| R5-215616 | Clarification text on LCS Sub-Test Cases | Apple Gesellschaft | agreed |  |  |
| R5-215617 | UE maximum output power for UL-MIMO | Apple Gesellschaft | revised |  | R5-216111 |
| R5-215618 | EIS spherical coverage for inter-band CA | Apple Gesellschaft | agreed |  |  |
| R5-215619 | DL CA BW Enhancement and CA REFSENS | Apple Gesellschaft | revised |  | R5-215979 |
| R5-215620 | MTSU and TT mapping related to Max Device Size in TS 38.533 | Keysight Technologies UK Ltd | agreed |  |  |
| R5-215621 | Update on 6.3.2.2.2 initial conditions | Keysight Technologies UK Ltd | withdrawn |  |  |
| R5-215622 | Updates on 5.6.1.3 and 5.6.1.4 CSI-RS RLM test cases test appliability | Keysight Technologies UK Ltd | agreed |  |  |
| R5-215623 | Update applicability section for 5.6.2.1, 5.6.2.2, 5.6.2.3, 5.6.2.4 | Keysight Technologies UK Ltd | withdrawn |  |  |
| R5-215624 | Correction in 5.6.1.1, 5.6.1.3 test procedure to configure iterations | Keysight Technologies UK Ltd | agreed |  |  |
| R5-215625 | Correction in 5.6.2.1, 5.6.2.2, 5.6.2.3, 5.6.2.4 test procedure to configure iterations | Keysight Technologies UK Ltd | agreed |  |  |
| R5-215626 | Aggregation level for RF test cases | Keysight technologies UK Ltd | withdrawn |  |  |
| R5-215627 | Beam correspondence Measurement Uncertainties | Keysight technologies UK Ltd | withdrawn |  |  |
| R5-215628 | Beam correspondence Measurement Uncertainties | Keysight technologies UK Ltd | withdrawn |  |  |
| R5-215629 | Beam correspondence Measurement Uncertainties | Keysight technologies UK Ltd | withdrawn |  |  |
| R5-215630 | 38.903 CR FR2 ETC MU updates for new ETC test cases | Keysight technologies UK Ltd | revised |  | R5-216117 |
| R5-215631 | 38.521-2 CR FR2 ETC MU & TT updates | Keysight technologies UK Ltd | revised |  | R5-216092 |
| R5-215632 | Views on handling Scell Drop in FR2 RF CA tests | Apple Portugal | noted |  |  |
| R5-215633 | Discussion on FR2 test case addition and update across Releases | Apple Portugal | revised |  | R5-215822 |
| R5-215634 | Updates to Rel.16 enhanced Beam Correspondence test | Apple Portugal | revised |  | R5-216081 |
| R5-215635 | Common clause updates to cover Rel.16 FR2 changes | Apple Portugal | revised |  | R5-215980 |
| R5-215636 | Updates to CSI-RS based beam correspondence minimum requirements | Apple Portugal | agreed |  |  |
| R5-215637 | Updates to SSB based beam correspondence minimum requirements | Apple Portugal | agreed |  |  |
| R5-215638 | Discussion on addition of Rel.16 EN-DC RF tests to 38.521-3 | Apple Portugal | revised |  | R5-215812 |
| R5-215639 | Update to Rel.16 EN-DC FR2 Band Combination Tables | Apple Portugal | withdrawn |  |  |
| R5-215640 | Update to Rel.15 EN-DC FR2 Band Combination Tables | Apple Portugal | revised |  | R5-216095 |
| R5-215641 | Text correction to section clarifying leverage from NSA test coverage | Apple Portugal | agreed |  |  |
| R5-215642 | WP UE Conformance Test Aspects - NR performance requirement enhancement | Qualcomm Korea | reserved |  |  |
| R5-215643 | WP UE Conformance Test Aspects - Rel -16 for CLI handling for NR | Qualcomm Korea | reserved |  |  |
| R5-215644 | SR UE Conformance Test Aspects - Rel -16 for CLI handling for NR | Qualcomm Korea | reserved |  |  |
| R5-215645 | WP - 5G NR User Equipment (UE) Application Layer Data Throughput Performance | Qualcomm Korea | reserved |  |  |
| R5-215646 | SR - 5G NR User Equipment (UE) Application Layer Data Throughput Performance | Qualcomm Korea | reserved |  |  |
| R5-215647 | WP - UE Conformance Test Aspects for NR-based Access to Unlicensed Spectrum | Qualcomm Korea | reserved |  |  |
| R5-215648 | SR - UE Conformance Test Aspects for NR-based Access to Unlicensed Spectrum | Qualcomm Korea | reserved |  |  |
| R5-215649 | Updates to DCI based BWP switch NSA FR1 TC 4.5.6.1.1 | Qualcomm Korea | revised |  | R5-216045 |
| R5-215650 | Updates to DCI based BWP switch NSA FR1 2DLCA TC 4.5.6.1.2 | Qualcomm Korea | revised |  | R5-216046 |
| R5-215651 | Updates to RRC based BWP switch NSA FR1 TC 4.5.6.2.1 | Qualcomm Korea | revised |  | R5-216047 |
| R5-215652 | Updates to DCI based BWP switch SA FR1 2DLCA TC 6.5.6.1.1 | Qualcomm Korea | revised |  | R5-216123 |
| R5-215653 | Updates to DCI based BWP switch SA FR1 TC 6.5.6.1.2 | Qualcomm Korea | revised |  | R5-216124 |
| R5-215654 | Updates to RRC based BWP switch SA FR1 TC 6.5.6.2.1 | Qualcomm Korea | revised |  | R5-216125 |
| R5-215655 | Update to applicability statement to include gap pattern id 13 for applicable NSA event triggered test cases | Qualcomm Korea | agreed |  |  |
| R5-215656 | TRS configuration update to NSA FR1 TC 6.5.4.1.1 | Qualcomm Korea | agreed |  |  |
| R5-215657 | Test procedure update to RRM SA FR1 TC 6.1.2.2 | Qualcomm Korea | withdrawn |  |  |
| R5-215658 | Correction to UL BWP configuration for SA FR1 TC 6.5.2.1 | Qualcomm Korea | revised |  | R5-216137 |
| R5-215659 | Update to FR2 NSA SDR TC 9.4B.1.2 | Qualcomm Korea | revised |  | R5-216118 |
| R5-215660 | Discussion on MU for Demod SDR test case | Qualcomm Korea | revised |  | R5-215828 |
| R5-215661 | Discussion on max testable SNR for Demod scenarios | Qualcomm Korea | revised |  | R5-215829 |
| R5-215662 | Update to max testable SNR for 8.2.2.2.2.1 | Qualcomm Korea | withdrawn |  |  |
| R5-215663 | Updates to FR1 2DLCA PDSCH demodulation with power imbalance test case | Qualcomm Korea | agreed |  |  |
| R5-215664 | Updates to FR2 2DLCA PDSCH demodulation test case | Qualcomm Korea | revised |  | R5-216075 |
| R5-215665 | Editorial correction to the section 6.2.2.2.2 title | Qualcomm Korea | agreed |  |  |
| R5-215666 | Update to test coverage across 5G NR architecture options for Demod scenarios | Qualcomm Korea | agreed |  |  |
| R5-215667 | Update of cl 5.2.2.1.1\_1 for Demod | CMCC, Qualcomm | revised |  | R5-216023 |
| R5-215668 | Correcting references in EN-DC RX test cases | Ericsson | agreed | - | - |
| R5-215669 | TP analysis for ref sensitivity DC\_48A\_n66A | Qualcomm Austria RFFE GmbH | revised | - | R5-216109 |
| R5-215670 | Addition of Rel-16 SNPN TC 9.1.11.1 | Qualcomm CDMA Technologies | revised | - | R5-216273 |
| R5-215671 | Addition of Rel-16 SNPN TC 9.1.10.2 | Qualcomm CDMA Technologies | agreed | - | - |
| R5-215672 | Latest RAN Plenary notes | WG Chairman | noted | R5-214155 | - |
| R5-215673 | EN-DC including FR2 DL CA up to 8 NR CCs REFSENS measurement uncertainties | Keysight technologies UK Ltd | agreed | - | - |
| R5-215674 | Review deadlines for next quarter | WG Chairman | noted | R5-214163 | - |
| R5-215675 | Correction to NR TC 7.1.1.3.8.1-PHR report with Intra-band Contiguous CA | Huawei, Hisilicon | agreed | - | - |
| R5-215676 | Agenda - opening session | WG Chairman | approved | R5-214150 | - |
| R5-215677 | Addition of NR TC 8.2.3.18.1-Conditional PSCell change Success | Huawei, Hisilicon | agreed | - | - |
| R5-215678 | RRC and NAS message handling in uplink in case of simultaneous RRC and NAS procedures | ANRITSU LTD, Qualcomm | agreed | - | - |
| R5-215679 | Enquiry of Capability and checking of UeCapabilityInformation contents for NR-DC | ANRITSU LTD, Qualcomm | agreed | - | - |
| R5-215680 | Update of System information combination for NR-DC PDCP test cases | ANRITSU LTD, Qualcomm | agreed | - | - |
| R5-215681 | Corrections to Rel-16 MDT TC 8.1.6.1.4.4 | Qualcomm CDMA Technologies, Keysight Technologies, Anritsu Ltd. | agreed | - | - |
| R5-215682 | Correction to Table 4.8.2.2-1 for default Packet filter ID | Huawei, Hisilicon | revised | - | R5-216158 |
| R5-215683 | MCC TF160 Status Report | MCC TF160 | approved | R5-214612 | - |
| R5-215684 | New WID - UE Conformance Test Aspects – Transparent Tx Diversity for NR | Guangdong OPPO Mobile Telecom. | noted | R5-215227 | - |
| R5-215685 | Correction to NR testcase 8.1.5.4.1 | Rohde & Schwarz | agreed | - | - |
| R5-215686 | Correction to IMS video call test case 7.15 | Keysight Technologies, Qualcomm | revised | - | R5-216242 |
| R5-215687 | Corrections for IMS video call signaling | Keysight Technologies, Qualcomm | revised | - | R5-216153 |
| R5-215688 | Correction to reference configurations for IMS video call signaling | Keysight Technologies, Qualcomm | revised | - | R5-216161 |
| R5-215689 | Correction to USIM Configuration 18 and 19 | Huawei, Hisilicon | agreed | - | - |
| R5-215690 | Correction to LTE Idle mode TC 6.1.2.13 for CAT-M1 | ANRITSU LTD | revised | - | R5-216337 |
| R5-215691 | Update chapter 4.5.4 RRC\_CONNECTED | Ericsson | agreed | - | - |
| R5-215692 | Update to mandate non support of GEA1 for Release 11 | Vodafone | agreed | - | - |
| R5-215693 | Corrections to NR MAC Recommended bit rate test case | Lenovo, Motorola Mobility, MCC TF160 | revised | - | R5-216171 |
| R5-215694 | To void the IMS registration test case 6.5 | Keysight Technologies UK | agreed | - | - |
| R5-215695 | Correction to Table 4.6.3-142 and Table 4.6.3-79 for SFTD measurement reporting | Huawei, Hisilicon | revised | - | R5-216154 |
| R5-215696 | Update of RRC messages for MAC TC 7.1.1.5.1 and 7.1.1.5.2 | MediaTek Inc. | agreed | - | - |
| R5-215697 | Update of RRC messages for MAC TC 7.1.1.3.11 | MediaTek Inc. | agreed | - | - |
| R5-215698 | Correction to NR TC 7.1.1.3.2b-Logical channel prioritization handling with Mapping restrictions | Huawei, Hisilicon | agreed | - | - |
| R5-215699 | Correction to NR TC 6.4.1.2-Cell reselection of ePLMN in manual mode | Huawei, Hisilicon | agreed | - | - |
| R5-215700 | Discussion on the removal of IMSo5G test case 6.5 from 34.229-5 | Keysight Technologies UK, Rohde and Schwarz | noted | R5-214597 | - |
| R5-215701 | Discussion paper on early implementation of Release 14 EIEI feature | Qualcomm Incorporated, Ericsson, AT&T, FirstNet, ZTE, Orange | noted | R5-215051 | - |
| R5-215702 | Addition of NR5G RRC TC 8.1.1.3.7a | Qualcomm CDMA Technologies | revised | - | R5-216176 |
| R5-215703 | WP5D LS on unwanted emission of IMT-Advanced | Huawei, HiSilicon | noted | - | - |
| R5-215704 | New WID - UE Conformance Test Aspects - High power UE (power class 1.5) for NR band n79 | CMCC | endorsed | R5-214473 | - |
| R5-215705 | New WID - UE Conformance Test Aspects - High power UE (power class 2) for NR band n34 | CMCC | endorsed | R5-214474 | - |
| R5-215706 | New WID - UE Conformance Test Aspects - High power UE (power class 2) for NR band n39 | CMCC | endorsed | R5-214475 | - |
| R5-215707 | New WID on UE Conformance - PC2 EN-DC with x LTE band + y NR band (x= 2, 3, 4, y=1; x=1, 2, y=2) | Ericsson | endorsed | R5-214902 | - |
| R5-215708 | Discussion paper on handling of work items on LTE CA configurations | Ericsson | noted | R5-214903 | - |
| R5-215709 | Handling of CA/DC basket WIs and PC2 Wis | Huawei, HiSilicon, China Mobile, China Telecom, China Unicom | noted | R5-215110 | - |
| R5-215710 | Discussion on RAN5 input to ”Recommendation  ITU-R  M.2071" | Nanjing Ericsson Panda Com Ltd | noted | R5-214961 | - |
| R5-215711 | Introduction of updated GNSS scenarios | Spirent Communications, Rohde & Schwarz, CATT, CAICT | agreed | R5-214185 | - |
| R5-215712 | Revised SID - Study on 5G NR UE full stack testing for Network Slicing | CMCC | endorsed | - | - |
| R5-215714 | Correction to SDAP TC 7.1.4.1 | Qualcomm Finland RFFE Oy | agreed | R5-215169 | - |
| R5-215715 | Correction to NR-DC RRC test case 8.2.5.2.2 and 8.2.5.4.2 | Qualcomm CDMA Technologies, Anrtisu | agreed | R5-214754 | - |
| R5-215716 | Correction to NR5G NAS TC 9.1.5.1.3a | Qualcomm CDMA Technologies, Keysight Technologies, Anritsu | agreed | R5-214898 | - |
| R5-215717 | Aligning PICS usage for IMS emergency calls | ROHDE & SCHWARZ | withdrawn | R5-214404 | - |
| R5-215718 | Add PS data off feature | Ericsson | agreed | R5-214726 | - |
| R5-215719 | Adding applicabilities for new IMS5GS test cases | ROHDE & SCHWARZ | agreed | R5-214388 | - |
| R5-215720 | Update NG.114 capabilities | Ericsson | agreed | R5-214556 | - |
| R5-215721 | Corrections to IMS5GS test case 8.30 | ROHDE & SCHWARZ | agreed | R5-214428 | - |
| R5-215722 | Corrections to IMS5GS test case 7.30 | ROHDE & SCHWARZ | agreed | R5-214447 | - |
| R5-215723 | Update test case 7.4 | Ericsson | agreed | R5-215152 | - |
| R5-215724 | Addition of new NB-IoT test case for NB-IoT / RACH Procedure / Non-anchor carrier / Preamble format 2 | CATT, TDIA | agreed | R5-215044 | - |
| R5-215725 | Introduction of n24 | Ligado Networks | agreed | R5-215605 | - |
| R5-215727 | Aligning PICS usage for IMS emergency calls | ROHDE & SCHWARZ | withdrawn | R5-214403 | - |
| R5-215728 | Addition of clause 5.3.29 - Generic Test Procedure for MCPTT Subscription and Notification | MCC TF160 | agreed | R5-214627 | - |
| R5-215729 | Correction of clause 5.3.15 – Generic Test Procedure for MCPTT CO session modification without implicit Floor Control | MCC TF160 | agreed | R5-214628 | - |
| R5-215730 | Correction of clause 5.3.22 - Generic Test Procedure for NW initiated temporary group creation | MCC TF160 | agreed | R5-214629 | - |
| R5-215731 | Correction of clause 5.5.1 – General | MCC TF160 | agreed | R5-214634 | - |
| R5-215732 | Correction of clause 5.5.2.14 – SIP SUBSCRIBE | MCC TF160 | agreed | R5-214636 | - |
| R5-215733 | Correction of clause 5.5.2.5 – SIP INVITE | MCC TF160 | agreed | R5-214637 | - |
| R5-215734 | Correction of clause 5.5.2.8 – SIP NOTIFY | MCC TF160 | agreed | R5-214638 | - |
| R5-215735 | Correction of clause 5.5.3.1 – SDP Message | MCC TF160 | agreed | R5-214639 | - |
| R5-215736 | Correction of clause 5.5.3.11 – PoC-Settings | MCC TF160 | agreed | R5-214640 | - |
| R5-215737 | Correction of clause 5.5.3.12 – XCAP-DIFF | MCC TF160 | agreed | R5-214641 | - |
| R5-215738 | Correction of clause 5.5.3.2 – MCS Info Lists | MCC TF160 | agreed | R5-214642 | - |
| R5-215739 | Correction of clause 5.5.3.3 – Resource Lists | MCC TF160 | agreed | R5-214643 | - |
| R5-215740 | Correction of clause 5.5.3.5 – PIDF | MCC TF160 | agreed | R5-214644 | - |
| R5-215741 | Correction of clause 5.5.4.1 – General conditions | MCC TF160 | agreed | R5-214645 | - |
| R5-215742 | Correction of clause 5.5.4.4 - HTTP PUT | MCC TF160 | agreed | R5-214647 | - |
| R5-215743 | Correction of clause 5.5.4.5 - HTTP DELETE | MCC TF160 | agreed | R5-214648 | - |
| R5-215744 | Correction of clause 5.5.4.6 - HTTP 200 (OK) | MCC TF160 | agreed | R5-214649 | - |
| R5-215745 | Correction of clause 5.5.4.7 - HTTP 201 (Created) | MCC TF160 | agreed | R5-214650 | - |
| R5-215746 | Correction of clause 5.5.6.7 - Floor Taken | MCC TF160 | agreed | R5-214651 | - |
| R5-215747 | Correction of clause 5.5.7.1 - MCPTT Group Configuration | MCC TF160 | agreed | R5-214652 | - |
| R5-215748 | Correction of MCPTT test case 5.5 | MCC TF160 | agreed | R5-214656 | - |
| R5-215749 | Correction of MCPTT test case 5.8 | MCC TF160 | agreed | R5-214657 | - |
| R5-215750 | Correction of MCPTT test case 6.1.1.15 | MCC TF160 | agreed | R5-214659 | - |
| R5-215751 | Correction of MCPTT test case 6.1.1.16 | MCC TF160 | agreed | R5-214660 | - |
| R5-215752 | Correction of MCPTT test case 6.1.1.21 | MCC TF160 | agreed | R5-214663 | - |
| R5-215753 | Correction of MCPTT test case 6.2.15 | MCC TF160 | agreed | R5-214669 | - |
| R5-215754 | Correction of MCPTT test case 6.2.16 | MCC TF160 | agreed | R5-214670 | - |
| R5-215755 | Correction of MCPTT test case 6.2.17 | MCC TF160 | agreed | R5-214671 | - |
| R5-215756 | Correction of MCPTT test case 6.2.20 | MCC TF160 | agreed | R5-214672 | - |
| R5-215757 | Correction of MCPTT test case 6.2.21 | MCC TF160 | agreed | R5-214673 | - |
| R5-215758 | Correction of MCPTT test case 6.2.22 | MCC TF160 | agreed | R5-214674 | - |
| R5-215760 | New IMS TC Data Off / MO Video Call / 5GS | Ericsson | withdrawn | R5-215496 | - |
| R5-215761 | New IMS TC Data Off / MO Call / 5GS | Ericsson | withdrawn | R5-215497 | - |
| R5-215762 | Association between serving cell and measurement object | TSG WG RAN5 | approved | - | - |
| R5-215763 | Response LS to RAN4 on MU work for FR1 TRP TRS WI | TSG WG RAN5 | approved | - | - |
| R5-215764 | LS on Revision of Recommendations ITU-R M.2070 and ITU-R M.2071 on Unwanted Emissions of IMT-Advanced | TSG WG RAN5 | approved | - | - |
| R5-215765 | Revised WID - UE Conformance Test Aspects for NR RF Requirement Enhancements for FR2 | Apple Portugal, Nokia | endorsed | - | - |
| R5-215766 | fwd on how to handle Option4 test cases | CMCC,Deutsche Telekom, TIM, Qualcomm, ZTE, CATT, Orange, Spirent | noted | R5-214482 | - |
| R5-215767 | Update test case 7.4 | Ericsson | withdrawn | R5-214731 | - |
| R5-215768 | Update annex A.4.1 | Ericsson | withdrawn | R5-215162 | - |
| R5-215769 | Correction to NR Idle mode test case 6.3.1.3 | Keysight Technologies UK | withdrawn | R5-215170 | - |
| R5-215770 | Update to IWD-003 | Rohde & Schwarz | email approved | - | - |
| R5-215771 | MU workplan for NR FR1 TRP-TRS | ROHDE & SCHWARZ, vivo | endorsed | R5-215129 | - |
| R5-215772 | Revised WID on UE Conformance Test Aspects for NR Positioning Support | CATT | endorsed | R5-214576 | - |
| R5-215773 | Correction to NR TC 11.4.1-emergency call and authentication failure | Huawei, Hisilicon | withdrawn | R5-214785 | - |
| R5-215800 | Introduction of n24 and n99 - Common | Ligado Networks | withdrawn | R5-215198 | - |
| R5-215801 | Update of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_8A\_n41A | Keysight technologies UK Ltd, Ericsson, Huawei, HiSIlicon | revised | - | R5-216020 |
| R5-215802 | Update of TC6.3B.1.4D Minimum output power for inter-band EN-DC including FR2 for UL-MIMO | SGS Wireless | withdrawn | R5-215141 | - |
| R5-215803 | Response LS to RAN4 on LTE REFSENS Exceptions Simplification | TSG WG RAN5 | approved | - | - |
| R5-215804 | Update of 6.5B.2.3 out of band emissions for inter-band EN-DC | Huawei, HiSilicon | agreed | - | - |
| R5-215805 | Updating clause 6 for Rel-17 EN-DC combinations in TS 38.521-3 | China Telecommunications | withdrawn | R5-214319 | - |
| R5-215806 | Response LS to MSG TFES on the editorial issues of 5G-NR UE specifications in TSG RAN WG5 & TSG RAN WG4 | TSG WG RAN5 | approved | - | - |
| R5-215807 | Update of 5.5A.2 for intra-band non-contiguous CA configuration table | ZTE Corporation | withdrawn | R5-215454 | - |
| R5-215808 | Addition of cl 6.2B.1.3A for RF | CMCC, Qualcomm, Ericsson | revised | - | R5-216039 |
| R5-215809 | Discussion on AMPR edge RB allocation for NS | TSG WG RAN5 | email approved | - | - |
| R5-215810 | Update for 6.5B.3.3.2 Spurious emission band UE co-existence | Qualcomm Austria RFFE GmbH | withdrawn | R5-215571 | - |
| R5-215811 | CR coversheet:  Update for 6.5B.3.3.2 Spurious emission band UE co-existence | Qualcomm Austria RFFE GmbH | withdrawn | R5-215572 | - |
| R5-215812 | Discussion on addition of Rel.16 EN-DC RF tests to 38.521-3 | Apple Portugal | noted | R5-215638 | - |
| R5-215813 | Update of cl 6.2B.1.3 for RF | CMCC, Qualcomm | withdrawn | R5-215386 | - |
| R5-215814 | Update GNSS scenarios for multi-GNSS | ROHDE & SCHWARZ, MediaTek Inc. | withdrawn | R5-215362 | - |
| R5-215815 | MU for Tx modulation quality test cases | ROHDE & SCHWARZ | withdrawn | R5-215478 | - |
| R5-215816 | Occupied bandwidth for Intra-Band Contiguous EN-DC measurement uncertainty - notes | Keysight technologies UK Ltd | withdrawn | R5-215528 | - |
| R5-215817 | Occupied bandwidth for Intra-Band Contiguous EN-DC measurement uncertainty | Keysight technologies UK Ltd | withdrawn | R5-215529 | - |
| R5-215818 | Discussion on test method for NR intra-band CA within FR1 | Guangdong OPPO Mobile Telecom. | noted | R5-215226 | - |
| R5-215819 | Discussion on FR2 DL CA test procedure | Rohde & Schwarz | noted | R5-214940 | - |
| R5-215820 | Discussion on coherent UL-MIMO measurement | Huawei, HiSilicon | noted | R5-215515 | - |
| R5-215821 | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest Work plan extension request | Keysight technologies UK Ltd | noted | R5-215524 | - |
| R5-215822 | Discussion on FR2 test case addition and update across Releases | Apple Portugal | noted | R5-215633 | - |
| R5-215823 | NB-IoT Test Frequency Corrections to align with RAN4 and US FCC | T-Mobile USA Inc., Qualcomm | agreed | R5-215491 | - |
| R5-215824 | On absolute UL Power MU for FR2 RRM | Anritsu | noted | R5-214851 | - |
| R5-215825 | Discussion on WF for FR2 MU | Guangdong OPPO Mobile Telecom. | noted | R5-215215 | - |
| R5-215826 | Discussion on TT and relaxation in FR2 test cases with testability issue | Ericsson | noted | R5-214326 | - |
| R5-215827 | On FR2 RLM testability issues | Keysight Technologies UK Ltd | noted | R5-215607 | - |
| R5-215828 | Discussion on MU for Demod SDR test case | Qualcomm Korea | noted | R5-215660 | - |
| R5-215829 | Discussion on max testable SNR for Demod scenarios | Qualcomm Korea | noted | R5-215661 | - |
| R5-215830 | FR2 SA UL MIMO measurement uncertainties and test tolerances updates | Keysight technologies UK Ltd, Sporton | agreed | R5-215534 | - |
| R5-215831 | Editorial correction for Receiver Spurious Emissions Measurement Uncertainty | Keysight technologies UK Ltd | agreed | R5-215542 | - |
| R5-215832 | EN-DC including FR2 DL CA up to 8 NR CCs REFSENS test cases addition | Keysight technologies UK Ltd | agreed | R5-215525 | - |
| R5-215833 | Measurement Uncertainties and test tolerances for NSA FR2 CA Maximum Output Power and Spectrum Emission Mask | Keysight technologies UK Ltd | agreed | R5-215540 | - |
| R5-215834 | Introduction of MTSU mapping related to Max Device Size | Keysight Technologies UK Ltd | agreed | R5-215582 | - |
| R5-215835 | Correct CSI-MeasConfig for test cases with 1SSB | ROHDE & SCHWARZ | agreed | R5-214405 | - |
| R5-215836 | Complete CSI-ReportConfig for RRM | ROHDE & SCHWARZ | agreed | R5-214406 | - |
| R5-215837 | Correction to CSI report configurations | Anritsu | agreed | R5-215340 | - |
| R5-215838 | Addition of PICs for inter-RAT SFTD measurements | Huawei,Hisilicon | agreed | R5-214979 | - |
| R5-215839 | Update of A.4.3.2A.4.1 for implementation capabilities for NR inter-band CA within FR1 for two bands | ZTE Corporation | agreed | R5-215445 | - |
| R5-215840 | Update of A.4.3.2A.4.2 for implementation capabilities for NR inter-band CA within FR1 for three bands | ZTE Corporation | agreed | R5-215446 | - |
| R5-215841 | Update of A.4.3.2A.3.1 for implementation capabilities for NR intra-band non-contiguous CA within FR1 | ZTE Corporation | agreed | R5-215447 | - |
| R5-215842 | Update of A.4.3.2A.3.2 for implementation capabilities for NR intra-band non-contiguous CA within FR2 | ZTE Corporation | agreed | R5-215448 | - |
| R5-215843 | Update of A.4.3.2A.2.1 for implementation capabilities for NR intra-band contiguous CA within FR1 | ZTE Corporation | agreed | R5-215449 | - |
| R5-215844 | Update of A.4.3.2A.2.2 for implementation capabilities for NR intra-band contiguous CA within FR2 | ZTE Corporation | agreed | R5-215450 | - |
| R5-215845 | Correction of UTRA ACLR for inter-band CA | Huawei, HiSilicon | agreed | R5-215055 | - |
| R5-215846 | Adding A-MPR NS\_06 test case for band 14 power class 1 | Ericsson | agreed | R5-215163 | - |
| R5-215847 | Update of FR1 UL RMCs | Rohde & Schwarz, CAICT | agreed | R5-214941 | - |
| R5-215848 | Introduction of new clause 6.3A.4.4 and Minimum conformance requirements | 3in | agreed | R5-214383 | - |
| R5-215849 | Introduction of new TC 6.3A.4.4.1 Aggregate power tolerance for CA (2UL CA) | 3in | agreed | R5-214452 | - |
| R5-215850 | Introduction of new TC 6.3A.4.4.2 Aggregate power tolerance for CA (3UL CA) | 3in | agreed | R5-214453 | - |
| R5-215851 | Introduction of new TC 6.3A.4.4.3 Aggregate power tolerance for CA (4UL CA) | 3in | agreed | R5-214454 | - |
| R5-215852 | Introduction of new TC 6.3A.4.4.4 Aggregate power tolerance for CA (5UL CA) | 3in | agreed | R5-214455 | - |
| R5-215853 | Introduction of new TC 6.3A.4.4.5 Aggregate power tolerance for CA (6UL CA) | 3in | agreed | R5-214456 | - |
| R5-215854 | Introduction of new TC 6.3A.4.4.6 Aggregate power tolerance for CA (7UL CA) | 3in | agreed | R5-214457 | - |
| R5-215855 | Introduction of new TC 6.3A.4.4.7 Aggregate power tolerance for CA (8UL CA) | 3in | agreed | R5-214458 | - |
| R5-215856 | Addition of new test case 6.4D.1 Frequency error for UL MIMO in FR2 | TTA | agreed | R5-214904 | - |
| R5-215857 | Update of test case 6.4D.3 Time alignment error for UL MIMO in FR2 | TTA | agreed | R5-214905 | - |
| R5-215858 | Cleaning up the specification skeleton | Huawei, HiSilicon, Nokia | agreed | R5-215057 | - |
| R5-215859 | Editorial corrections for various test cases | Qualcomm Wireless GmbH | agreed | R5-215264 | - |
| R5-215860 | Correction of FR2 Carrier Leakage Test Case | Sporton, Keysight technologies UK Ltd | agreed | R5-215273 | - |
| R5-215861 | Editors note correction to reference sensitivity for CA | Anritsu | agreed | R5-215339 | - |
| R5-215862 | Update of FR2 UL RMCs | Rohde & Schwarz, CAICT | agreed | R5-214942 | - |
| R5-215863 | Introduction of Rel-15 EN-DC DC\_19A\_n77A to spurious emission test cases | Ericsson | agreed | R5-214285 | - |
| R5-215864 | Introduction of Rel-15 EN-DC DC\_19A\_n78A to spurious emission test cases | Ericsson | agreed | R5-214286 | - |
| R5-215865 | Introduction of Rel-15 EN-DC DC\_19A\_n79A to spurious emission test cases | Ericsson | agreed | R5-214287 | - |
| R5-215866 | Introduction of Rel-15 EN-DC DC\_20A\_n78A to spurious emission test cases | Ericsson, Huawei, HiSilicon | agreed | R5-214289 | - |
| R5-215867 | Introduction of Rel-15 EN-DC DC\_28A\_n79A to spurious emission test cases | Ericsson | agreed | R5-214295 | - |
| R5-215868 | Update of Rel-15 EN-DC DC\_5A\_n78A in spurious emission test cases | Ericsson | agreed | R5-214300 | - |
| R5-215869 | Update of Rel-15 EN-DC DC\_25A\_n41A in spurious emission test cases | Ericsson | agreed | R5-214305 | - |
| R5-215870 | Clarification of SA and NSA support in the UE | Ericsson | agreed | R5-214335 | - |
| R5-215871 | Addition of 6.4B.1.3A Frequency Error for inter-band NE-DC within FR1 | CMCC | agreed | R5-214485 | - |
| R5-215872 | Addition of 6.4B.2.3A.1 Error Vector Magnitude for inter-band NE-DC within FR1 | CMCC | agreed | R5-214486 | - |
| R5-215873 | Addition of 6.4B.2.3A.2 Carrier Leakage for inter-band NE-DC within FR1 | CMCC | agreed | R5-214487 | - |
| R5-215874 | Addition of 6.4B.2.3A.3 In-band Emissions for inter-band NE-DC within FR1 | CMCC | agreed | R5-214488 | - |
| R5-215875 | Addition of 6.5B.2.3A.1 Spectrum emissions mask for Inter-band NE-DC within FR1 | CMCC | agreed | R5-214490 | - |
| R5-215876 | Addition of 6.5B.2.3A.2 Additional Spectrum emissions mask for Inter-band NE-DC within FR1 | CMCC | agreed | R5-214491 | - |
| R5-215877 | Addition of 6.5B.2.3A.3 Adjacent channel leakage ratio for inter-band NE-DC within FR1 | CMCC | agreed | R5-214492 | - |
| R5-215878 | Addition of 6.5B.3.3A.1 General Spurious Emissions for Inter-band NE-DC within FR1 | CMCC | agreed | R5-214493 | - |
| R5-215879 | Addition of 6.5B.5.3A Transmit Intermodulation for Inter-band NE-DC within FR1 | CMCC | agreed | R5-214495 | - |
| R5-215880 | Editorial correction to test applicability in 6.2B.1.4\_1.1.1 | TTA | agreed | R5-214906 | - |
| R5-215881 | Addition of spurious emission for DC 1A\_n78A and 20A\_n78A and 28A\_n78A | Huawei, HiSilicon, Ericsson | agreed | R5-215058 | - |
| R5-215882 | Addition of TC6.3B.2.4D Transmit OFF Power for inter-band EN-DC including FR2 for UL-MIMO | SGS Wireless | agreed | R5-215142 | - |
| R5-215883 | Addition of TC6.3B.3.4D Transmit ON/OFF time mask for inter-band EN-DC including FR2 for UL-MIMO | SGS Wireless | agreed | R5-215144 | - |
| R5-215884 | Addition of TC6.3B.4.4 PRACH Time Mask for inter-band EN-DC including FR2 | SGS Wireless | agreed | R5-215145 | - |
| R5-215885 | Update of test applicability for 6.2B.2 MPR and 6.2B.3 A-MPR for inter-band EN-DC | Huawei, HiSilicon | agreed | R5-215196 | - |
| R5-215886 | Update of MOP requirements for DC\_3A\_n3A | Huawei, HiSilicon | agreed | R5-215231 | - |
| R5-215887 | Updated EN-DC spur emissions including FR2 editor notes | Qualcomm Wireless GmbH | agreed | R5-215268 | - |
| R5-215888 | Addition of test case 6.4B.2.4.5 | ROHDE & SCHWARZ | agreed | R5-215475 | - |
| R5-215889 | Message content updates for intra-band contiguous EN-DC additional spectrum emission mask test | Keysight technologies UK Ltd | agreed | R5-215538 | - |
| R5-215890 | Message contents addition for intra-band non contiguous EN-DC SEM, A-SEM and ACLR test cases | Keysight technologies UK Ltd | agreed | R5-215539 | - |
| R5-215891 | Addition of 7.4B.3A Maximum Input Level for inter-band NE-DC within FR1 | CMCC | agreed | R5-214497 | - |
| R5-215892 | Addition of 7.5B.3A ACS for inter-band NE-DC within FR1 | CMCC | agreed | R5-214498 | - |
| R5-215893 | Addition of 7.6B.2.3A In-band blocking for inter-band NE-DC within FR1 | CMCC | agreed | R5-214499 | - |
| R5-215894 | Addition of 7.6B.4.3A Narrow band blocking for inter-band NE-DC within FR1 | CMCC | agreed | R5-214500 | - |
| R5-215895 | Addition of 7.8B.2.3A Wide band Intermodulation for inter-band NE-DC within FR1 | CMCC | agreed | R5-214501 | - |
| R5-215896 | Addition of 7.9B.3A Spurious Emissions for inter-band NE-DC within FR1 | CMCC | agreed | R5-214502 | - |
| R5-215897 | Addition of 7.5B.0.4a Inter-band NE-DC including FR2 | CMCC | agreed | R5-214504 | - |
| R5-215898 | Updating 7.3B.2.3 REFSENS testing for DC\_3A\_n28A-n78A | Huawei, Hisilicon | agreed | R5-215288 | - |
| R5-215899 | Updating 7.3B.2.3 REFSENS testing for DC\_7A\_n28A-n78A | Huawei, Hisilicon | agreed | R5-215290 | - |
| R5-215900 | Editors note correction to reference sensitivity for inter-band EN-DC including FR2 | Anritsu | agreed | R5-215338 | - |
| R5-215901 | Update FR2 RI test configuration update for TS 38.521-4 | Apple Italia S.R.L. | agreed | R5-214901 | - |
| R5-215902 | Editorial error correction in Section 7 and 8 | Anritsu | agreed | R5-215344 | - |
| R5-215903 | Change to EN-DC L1-RSRP test cases to add evaluation rules | ROHDE & SCHWARZ | agreed | R5-214338 | - |
| R5-215904 | Correction to 4.5.1.2 core spec alignment | ROHDE & SCHWARZ | agreed | R5-214340 | - |
| R5-215905 | Correction to 4.5.1.3 message contents and core spec alignment | ROHDE & SCHWARZ | agreed | R5-214341 | - |
| R5-215906 | Correction to 4.5.1.7 message contents and core spec alignment | ROHDE & SCHWARZ | agreed | R5-214344 | - |
| R5-215907 | Correction to FR1 and FR2 event-triggered reporting with gap tests | Anritsu, MediaTek Inc. | agreed | R5-214691 | - |
| R5-215908 | Change to SA L1-RSRP test cases to add evaluation rules | ROHDE & SCHWARZ | agreed | R5-214362 | - |
| R5-215909 | Correction to 6.5.1.3 message contents and core spec alignment | ROHDE & SCHWARZ | agreed | R5-214364 | - |
| R5-215910 | Correction to 6.5.1.7 message contents and core spec alignment | ROHDE & SCHWARZ | agreed | R5-214366 | - |
| R5-215911 | Correction to FR1 NR SA TCs-inter-RAT accuracy | Huawei,Hisilicon | agreed | R5-214990 | - |
| R5-215912 | Correction to test procedure for 6.1.2.2 IRAT ReSelection | Anritsu, Qualcomm Korea | agreed | R5-215353 | - |
| R5-215913 | Change title of iRAT test cases for clarity | ROHDE & SCHWARZ | agreed | R5-214377 | - |
| R5-215914 | Correction to LTE SA TC 8.5.1.1-SFTD accuracy | Huawei,Hisilicon | agreed | R5-214995 | - |
| R5-215915 | Change title of iRAT test cases for clarity - Annexes | ROHDE & SCHWARZ | agreed | R5-214379 | - |
| R5-215916 | Update to Annex H.3.4 | Anritsu | agreed | R5-214695 | - |
| R5-215917 | Correction to default configuration-Annex H | Huawei,Hisilicon | agreed | R5-215000 | - |
| R5-215918 | Correction of CSI-ReportConfig in Annex H | Ericsson | agreed | R5-215416 | - |
| R5-215919 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_20A\_n78A | Ericsson, Huawei, HiSilicon | agreed | R5-214254 | - |
| R5-215920 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_25A\_n41A | Ericsson | agreed | R5-214270 | - |
| R5-215921 | Addition of TP analysis for spurious emissions for DC\_28A\_n78A | Huawei, HiSilicon, Ericsson | agreed | R5-215060 | - |
| R5-215922 | Update of Rx Test Cases for CA\_66A-66A-66A | Rohde & Schwarz | agreed | R5-214937 | - |
| R5-215923 | Update to applicability TDD FDD 6DL CA Performance test cases | DEKRA | agreed | R5-215270 | - |
| R5-215924 | Update applicability of TC 9.2.58 | DEKRA | agreed | R5-215271 | - |
| R5-215925 | Correct the abbreviations for network signalling value in 38.521-2 | ZTE Corporation | agreed | R5-215464 | - |
| R5-215926 | Spurious co-existence corrections for band combo DC\_8\_n41 | Keysight technologies UK Ltd, Ericsson | agreed | R5-215522 | - |
| R5-215927 | Update for 6.5B.3.3.1 for Rel 16 combos | Qualcomm Austria RFFE GmbH | agreed | R5-215570 | - |
| R5-215928 | Update to EN-DC R16 common section | Bureau Veritas, Apple Portugal | agreed | R5-215377 | - |
| R5-215929 | Update of R16 new CBW configurations into TS38.521-1 clause 5 | China Unicom | agreed | R5-215391 | - |
| R5-215930 | Addition of PICs for Mob\_Enh TCs | Huawei,Hisilicon | agreed | R5-215003 | - |
| R5-215931 | Addition of applicability for Mob\_Enh TCs | Huawei,Hisilicon, China Telecommunications | agreed | R5-215004 | - |
| R5-215932 | Addition of cell mapping for Mob\_Enh RRM TCs | Huawei,Hisilicon, China Telecommunications | agreed | R5-215015 | - |
| R5-215933 | Introduction of UE capabilities for UL full power Tx rel-16 for UL MIMO | Ericsson | agreed | R5-214720 | - |
| R5-215934 | Addition of eMIMO demod test case 5.2.3.1.12 | Huawei, HiSilicon | agreed | R5-215087 | - |
| R5-215935 | Adding test applicability for eMIMO test cases | Huawei, HiSilicon, Ericsson | agreed | R5-215096 | - |
| R5-215936 | Update of SIB2 to add messages for relaxed RRM measurement | Huawei, HiSilicon | agreed | R5-215066 | - |
| R5-215937 | Update of Annex F for test cases of demodulation for power saving | CATT, Huawei, HiSilicon | agreed | R5-214569 | - |
| R5-215938 | Addition of NR SA FR2-FR2 cell re-selection for UE fulfilling low mobility relaxed measurement criterion | CATT | agreed | R5-214574 | - |
| R5-215939 | Addition of cell mapping for NR PS RRM TCs | Huawei,Hisilicon | agreed | R5-215027 | - |
| R5-215940 | Addition of minimum conformance requirements of inter-RAT cell re-selection with relaxed measurement criterion | Huawei, HiSilicon | agreed | R5-215067 | - |
| R5-215941 | Update of Annex E and Annex F for test cases with relaxed measurement criterion | Huawei, HiSilicon, CATT | agreed | R5-215070 | - |
| R5-215942 | Updates to PDSCH Demodulation Performance for 2DL CA | Qualcomm CDMA Technologies | agreed | R5-214557 | - |
| R5-215943 | Addition of PICs for NR HST TCs | Huawei,Hisilicon | agreed | R5-215028 | - |
| R5-215944 | Update Applicability of requirement for HST-DPS and multi-TRxP test cases | Apple Italia S.R.L. | agreed | R5-214889 | - |
| R5-215945 | Addition of NR HST Demod TC 5.2.2.1.1\_3 - 2Rx FDD type A | Huawei,Hisilicon | not pursued | R5-215029 | - |
| R5-215946 | Addition of NR HST Demod TC 5.2.2.1.9 - HST SFN | Huawei,Hisilicon | agreed | R5-215030 | - |
| R5-215947 | Addition of NR HST Demod TC 5.2.2.1.10 - HST DPS | Huawei,Hisilicon | agreed | R5-215031 | - |
| R5-215948 | Addition of NR HST RRM TC 4.6.1.7-intra-freq DRX highSpeedMeasFlag | Huawei,Hisilicon | agreed | R5-215034 | - |
| R5-215949 | Addition of NR HST RRM TC 6.1.2.5-intra-freq cell reselection highSpeedMeasFlag | Huawei,Hisilicon | agreed | R5-215035 | - |
| R5-215950 | Completing CQI reporting test case with 256QAM | Huawei, HiSilicon | agreed | R5-215098 | - |
| R5-215951 | Addition of PICS for URLLC test cases | Huawei, HiSilicon, Sporton | agreed | R5-215104 | - |
| R5-215952 | Addition of URLLC demod test case 5.2.2.1.7 | Huawei, HiSilicon | agreed | R5-215100 | - |
| R5-215953 | Addition of URLLC demod test case 5.2.2.2.7 | Huawei, HiSilicon | agreed | R5-215101 | - |
| R5-215954 | Addition of 5.2.2.1.6 2Rx FDD FR1 PDSCH repetitions over multiple slots performance | Sporton, Huawei, HiSilicon | agreed | R5-215274 | - |
| R5-215955 | Addition of 5.2.2.1.8 2Rx FDD FR1 PDSCH pre-emption performance | Sporton, Huawei, HiSilicon | agreed | R5-215275 | - |
| R5-215956 | Addition of 5.2.2.2.6 2Rx TDD FR1 PDSCH repetitions over multiple slots performance | Sporton | agreed | R5-215276 | - |
| R5-215957 | Addition of 5.2.2.2.8 2Rx TDD FR1 PDSCH pre-emption performance | Sporton | agreed | R5-215277 | - |
| R5-215958 | Addition of 5.2.3.1.6 4Rx FDD FR1 PDSCH repetitions over multiple slots performance | Sporton | agreed | R5-215278 | - |
| R5-215959 | Addition of 5.2.3.2.6 4Rx TDD FR1 PDSCH repetitions over multiple slots performance | Sporton | agreed | R5-215279 | - |
| R5-215960 | Addition of applicability of URLLC demod test cases | Huawei, HiSilicon, Sporton | agreed | R5-215105 | - |
| R5-215961 | Introduction of n24 and n99 | Ligado Networks | agreed | R5-215193 | - |
| R5-215962 | Introduction of of MOP, MPR and configured Tx power test cases for n24 and n99 | Ligado Networks | agreed | R5-215199 | - |
| R5-215963 | Introduction of n24 and n99 to spurious emissions and addition spurious emission test cases | Ligado Networks | agreed | R5-215201 | - |
| R5-215964 | Updating Spurious emissions for UE co-existence test cases for R17 requirements | Huawei, Hisilicon | agreed | R5-215313 | - |
| R5-215965 | Introduction of n24 to receiver sensitivity test cases | Ligado Networks | agreed | R5-215202 | - |
| R5-215966 | Introduction of n24 - blocking test cases | Ligado Networks | agreed | R5-215203 | - |
| R5-215967 | Update of R17 new band and CBWs into TS38.521-1 clause 5 | China Unicom, Huawei, HiSilicon | agreed | R5-215403 | - |
| R5-215968 | Introduction of n24 | Ligado Networks | agreed | R5-215206 | - |
| R5-215969 | Updating Test Frequencies for Rel-17 CA,DC band combinations within FR1 into TS 38.508-1 | China Telecommunications | agreed | R5-214201 | - |
| R5-215970 | Introduction of test frequencies for CA\_n71(2A) | Ericsson, Dish Network | agreed | R5-214928 | - |
| R5-215971 | Addition of R17 CADC configuration into 38.508-1 | China Unicom | agreed | R5-215130 | - |
| R5-215972 | Update of 4.3.1.1.2 for NR inter-band CA configurations in FR1 | ZTE Corporation | agreed | R5-215457 | - |
| R5-215973 | Addition of Multi-RTT, Dl-AoD and DL-TDOA positioning method test conditions | CATT | agreed | R5-214558 | - |
| R5-215974 | Addition of conditions for NR PRS-based measurements and connection diagrams | CATT | agreed | R5-214560 | - |
| R5-215975 | Transmit modulation quality for non-contiguous CA | Nokia, Nokia Shanghai Bell | agreed | R5-214916 | - |
| R5-215976 | Update Minumum conformance requirement clause 7.4A.0 for Rel-16 Enhancement | Apple Italia S.R.L., Nokia | agreed | R5-214839 | - |
| R5-215977 | Addition of clause 7.5A.0 minimum conformance requirement for Rel-16 Enhancement WP | Apple Italia S.R.L., Nokia | agreed | R5-214841 | - |
| R5-215978 | Addition of clause 7.6A.2.0 minimum conformance requirement for Rel-16 Enhancement WP | Apple Italia S.R.L., Nokia | agreed | R5-214842 | - |
| R5-215979 | DL CA BW Enhancement and CA REFSENS | Apple Gesellschaft | agreed | R5-215619 | - |
| R5-215980 | Common clause updates to cover Rel.16 FR2 changes | Apple Portugal | agreed | R5-215635 | - |
| R5-215981 | FR2 standalone RF conformance test case applicability | Nokia, Nokia Shanghai Bell | agreed | R5-214917 | - |
| R5-215982 | Update of PC2 EN-DC configuration into 38.508-2 | China Unicom | agreed | R5-215128 | - |
| R5-215983 | Introduction of NR-U MOP test case | Ericsson | agreed | R5-214332 | - |
| R5-215984 | Introduction of NR-U in general clauses | Ericsson | agreed | R5-214333 | - |
| R5-215985 | Introduction of general spurious emission for NR-U | Qualcomm Austria RFFE GmbH | agreed | R5-215563 | - |
| R5-215986 | Update of Tx test cases for PC2 CA\_n3A-n41A with UL CA\_n3A-n41A | CMCC | agreed | R5-214505 | - |
| R5-215987 | Update of Tx test cases for PC2 CA\_n28A-n79A with UL CA\_n28A-n79A | CMCC | agreed | R5-214506 | - |
| R5-215988 | Update of Tx test cases for PC2 CA\_n28A-n41A with UL CA\_n28A-n41A | CMCC | agreed | R5-214507 | - |
| R5-215989 | Update of Tx test cases for PC2 CA\_n40A-n41A with UL CA\_n40A-n41A | CMCC | agreed | R5-214508 | - |
| R5-215990 | Update of Tx test cases for PC2 CA\_n3A-n41A with UL PC2 n41A | CMCC | agreed | R5-214509 | - |
| R5-215991 | Update of Tx test cases for PC2 CA\_n28A-n79A with UL PC2 n79A | CMCC | agreed | R5-214510 | - |
| R5-215992 | Update of Tx test cases for PC2 CA\_n28A-n41A with UL PC2 n41A | CMCC | agreed | R5-214511 | - |
| R5-215993 | Updates to LTE band 24 - common | Ligado Networks | agreed | R5-215177 | - |
| R5-215994 | Updates to MOP and MPR test cases for LTE band 24 | Ligado Networks | agreed | R5-215178 | - |
| R5-215995 | Updates to A-MPR test cases for LTE band 24 | Ligado Networks | agreed | R5-215179 | - |
| R5-215996 | Updates to Additional Spurious Emission test cases for LTE Band 24 | Ligado Networks | agreed | R5-215181 | - |
| R5-215997 | Updates to reference sensitivity test case for LTE band 24 | Ligado Networks | agreed | R5-215186 | - |
| R5-215998 | Updates to In-band blocking test case for LTE band 24 | Ligado Networks | agreed | R5-215187 | - |
| R5-215999 | Addition of MOP for UL MIMO Test Requirements for n41 Power Class 1.5 | CMCC | agreed | R5-214478 | - |
| R5-216000 | Adding Power Class 1.5 for LTE Band 41and NR Band n41 MOP | T-Mobile USA Inc. | agreed | R5-215488 | - |
| R5-216001 | Adding Power Class 1.5 for LTE Band 41and NR Band n41 MPR | T-Mobile USA Inc. | agreed | R5-215489 | - |
| R5-216002 | Adding Power Class 1.5 for LTE Band 41and NR Band n41 A-MPR | T-Mobile USA Inc. | agreed | R5-215490 | - |
| R5-216003 | Update to GNSS nominal start time for V2X testing | Huawei, HiSilicon, Spirent | agreed | R5-215108 | - |
| R5-216004 | Cleanup for TS 36.521-1 spurious emission for UE co-existence table (non CA) | Apple Italia S.R.L. | agreed | R5-214843 | - |
| R5-216005 | Update of MPR, ACLR, SEM CA test cases | ROHDE & SCHWARZ | agreed | R5-215483 | - |
| R5-216006 | Introduction of updated GNSS scenarios | Spirent Communications, Rohde & Schwarz, CATT, CAICT | agreed | R5-214184 | - |
| R5-216007 | Introduction of Rel-15 EN-DC DC\_1A\_n28A to spurious emission test cases | Ericsson | agreed | R5-214279 | - |
| R5-216008 | Introduction of Rel-15 EN-DC DC\_7A\_n28A to spurious emission test cases | Ericsson, Orange | agreed | R5-214284 | - |
| R5-216009 | Introduction of Rel-15 EN-DC DC\_20A\_n28A to spurious emission test cases | Ericsson, Orange, Huawei, HiSilicon | agreed | R5-214288 | - |
| R5-216010 | Update of Rel-15 EN-DC DC\_26A\_n77A in spurious emission test cases | Ericsson | agreed | R5-214306 | - |
| R5-216011 | Cleanup for TS 38.521-3 spurious emission for UE co-existence table for Rel-15 | Apple Italia S.R.L. | agreed | R5-215207 | - |
| R5-216012 | Cleanup for TS 38.521-3 spurious emission for UE co-existence table Rel-16 | Apple Italia S.R.L. | agreed | R5-215208 | - |
| R5-216013 | Update for 6.5B.3.3.1 for Rel 15 combos | Qualcomm Austria RFFE GmbH | agreed | R5-215567 | - |
| R5-216014 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_1A\_n28A | Ericsson, Orange | agreed | R5-214244 | - |
| R5-216015 | Update of general spurious emissions test requirements for Rel-16 inter-band EN-DC | Huawei, HiSilicon | agreed | R5-215216 | - |
| R5-216016 | Update of 6.5B.3.3.2.3 for the requirements of spurious emission band UE co-existence limits for Rel-16 | ZTE Corporation | agreed | R5-215451 | - |
| R5-216017 | Update of TP analysis for general spurious emissions for DC\_3A\_n41A | Huawei, HiSilicon | agreed | R5-215217 | - |
| R5-216018 | Update of TP analysis for general spurious emissions for DC\_39A\_n41A | Huawei, HiSilicon | agreed | R5-215221 | - |
| R5-216019 | Update of TP analysis for general spurious emissions for DC\_40A\_n41A | Huawei, HiSilicon | agreed | R5-215222 | - |
| R5-216020 | Update of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_8A\_n41A | Keysight technologies UK Ltd, Ericsson, Huawei, HiSIlicon | agreed | R5-215801 | - |
| R5-216021 | Clean-up of parameter settings and message contents in 8.4.2.2.1 | Anritsu | agreed | R5-215347 | - |
| R5-216022 | Clarification on cl 4.5.1 test coverage across 5G NR architecture options for RF | CMCC, Qualcomm, Ericsson | withdrawn | R5-215131 | - |
| R5-216023 | Update of cl 5.2.2.1.1\_1 for Demod | CMCC, Qualcomm | withdrawn | R5-215667 | - |
| R5-216024 | Clarification on cl 4.6 test coverage across 5G NR architecture options for Demod | CMCC, Qualcomm, Ericsson | withdrawn | R5-215132 | - |
| R5-216025 | Clarification on cl 3A.1.1 test coverage across 5G NR architecture options for RRM | CMCC, Qualcomm, Ericsson | withdrawn | R5-215137 | - |
| R5-216026 | Update of Test Case 6.2.4A.4 Additional Maximum Power Reduction (A-MPR) for CA (3UL CA) | SGS Wireless | agreed | R5-215146 | - |
| R5-216027 | Addition of Perf RI FR2 message contents | Anritsu | agreed | R5-215348 | - |
| R5-216028 | Correction to Physical Layer Baseline Implementation Capabilities | Anritsu | agreed | R5-214679 | - |
| R5-216029 | Update of NR FR1 General ON-OFF time mask test case | Ericsson | agreed | R5-214324 | - |
| R5-216030 | Update of NR FR1 SRS time mask test case | Ericsson | agreed | R5-214325 | - |
| R5-216031 | Cleanup for spurious emission for UE co-existence table | Apple Italia S.R.L. | agreed | R5-215213 | - |
| R5-216032 | Update intra-band CA to 6.2A.2.1 | Guangdong OPPO Mobile Telecom. | agreed | R5-215224 | - |
| R5-216033 | Update to the coherent UL-MIMO test case | Huawei, HiSilicon | agreed | R5-215544 | - |
| R5-216034 | Correction to test applicability for different NS value | Qualcomm Austria RFFE GmbH | agreed | R5-215566 | - |
| R5-216035 | Correction to test configuration in 7.3A.1 | Anritsu | agreed | R5-215333 | - |
| R5-216036 | FR2 SA UL MIMO Out-of-band emissions initial conditions updates | Keysight technologies UK Ltd, Sporton | agreed | R5-215532 | - |
| R5-216037 | FR2 SA UL MIMO Maximum Power Reduction update | Keysight technologies UK Ltd, Sporton | agreed | R5-215535 | - |
| R5-216038 | Update of Rel-15 EN-DC DC\_1A\_n78A in spurious emission test cases | Ericsson | agreed | R5-214297 | - |
| R5-216039 | Addition of cl 6.2B.1.3A for RF | CMCC, Qualcomm, Ericsson | agreed | R5-215808 | - |
| R5-216040 | Correction to dedicated CORESET ID setting in PDCCH-Config for Standalone | Anritsu | agreed | R5-215346 | - |
| R5-216041 | Update of message exceptions | ROHDE & SCHWARZ | agreed | R5-215471 | - |
| R5-216042 | Correction to FR1 Beam Failure Detection and Link Recovery tests | Anritsu | agreed | R5-214690 | - |
| R5-216043 | Correction message contents 4.3.2.2.2 | ROHDE & SCHWARZ | agreed | R5-214920 | - |
| R5-216044 | Update to applicability of test cases on CSI-RS based RLM | Qualcomm Incorporated | agreed | R5-214949 | - |
| R5-216045 | Updates to DCI based BWP switch NSA FR1 TC 4.5.6.1.1 | Qualcomm Korea | agreed | R5-215649 | - |
| R5-216046 | Updates to DCI based BWP switch NSA FR1 2DLCA TC 4.5.6.1.2 | Qualcomm Korea | agreed | R5-215650 | - |
| R5-216047 | Updates to RRC based BWP switch NSA FR1 TC 4.5.6.2.1 | Qualcomm Korea | agreed | R5-215651 | - |
| R5-216048 | Completion 5.7.1.2 including TT analysis results | ROHDE & SCHWARZ | agreed | R5-214191 | - |
| R5-216049 | Completion 5.7.2.2 including TT analysis results | ROHDE & SCHWARZ | agreed | R5-214192 | - |
| R5-216050 | Completion 5.7.3.2 including TT analysis results | ROHDE & SCHWARZ | agreed | R5-214193 | - |
| R5-216051 | Correction to 6.5.3.1 NR SA FR1 SCell activation and deactivation of known SCell | Anritsu | agreed | R5-214684 | - |
| R5-216052 | Completion 7.7.1.2 including TT analysis results | ROHDE & SCHWARZ | agreed | R5-214194 | - |
| R5-216053 | Completion 7.7.3.2 including TT analysis results | ROHDE & SCHWARZ | agreed | R5-214196 | - |
| R5-216054 | Update to applicability of test cases requiring gap pattern ID 4 | Qualcomm Incorporated | agreed | R5-214951 | - |
| R5-216055 | Completion Annex C.2.3 | ROHDE & SCHWARZ | agreed | R5-214425 | - |
| R5-216056 | Addition of TP for REFSENS for inter-band EN-DC 2CC and 3CC combos | Huawei, HiSilicon | agreed | R5-215064 | - |
| R5-216057 | Correction to TP analysis for reference sensitivity per EN-DC configuration | Huawei, HiSilicon | agreed | R5-215258 | - |
| R5-216058 | Correction to Annex D Principles for test point selection for EN-DC reference sensitivity test cases | Huawei, HiSilicon | agreed | R5-215259 | - |
| R5-216059 | Updating Test point analysis for DC\_3A\_n28A-n78A | Huawei, Hisilicon | agreed | R5-215289 | - |
| R5-216060 | Updating Test point analysis for DC\_7A\_n28A-n78A | Huawei, Hisilicon | agreed | R5-215291 | - |
| R5-216061 | Updating Test point analysis for DC\_7A-20A\_n28A | Huawei, Hisilicon | agreed | R5-215295 | - |
| R5-216062 | Defining TP analysis for MPR, SEM and ACLR for FR2 UL MIMO | Keysight technologies UK Ltd, Sporton | agreed | R5-215536 | - |
| R5-216063 | Update of 5.5A.1 for intra-band contiguous CA configuration table | ZTE Corporation | agreed | R5-215455 | - |
| R5-216064 | Update\_TP\_analysis for Rel\_16\_DC\_14A\_n66A | Qualcomm Austria RFFE GmbH | agreed | R5-215516 | - |
| R5-216065 | Updating test case 6.3A.4.1 Absolute power tolerance for intra-band non-contiguous UL CA | Huawei, Hisilicon | agreed | R5-215299 | - |
| R5-216066 | Updating test case 6.3A.4.2 Relative power tolerance for intra-band non-contiguous UL CA | Huawei, Hisilicon | agreed | R5-215301 | - |
| R5-216067 | Updating test case 6.3A.4.3 Aggregate power tolerance for intra-band non-contiguous UL CA | Huawei, Hisilicon | agreed | R5-215303 | - |
| R5-216068 | Updating TP analysis for Absolute power tolerance for CA | Huawei, Hisilicon | agreed | R5-215300 | - |
| R5-216069 | Update to UE test loop mode E to trigger SL-MIMO transmission | Huawei, HiSilicon, MCC TF160 | agreed | R5-215072 | - |
| R5-216070 | Adding connection diagram for eMIMO multi-TRP demod test cases | Huawei, HiSilicon | agreed | R5-215097 | - |
| R5-216071 | Addition of eMIMO demod test case 5.2.2.2.14 | Huawei, HiSilicon | agreed | R5-215086 | - |
| R5-216072 | Addition of 2Rx TDD FR1 PDCCH 1 Tx antenna performance for power saving test case | CATT | agreed | R5-214566 | - |
| R5-216073 | Addition of 4Rx TDD FR1 PDCCH 1 Tx antenna performance for power saving test case | CATT | agreed | R5-214567 | - |
| R5-216074 | Addition of 2Rx TDD FR2 PDCCH 1 Tx antenna performance for power saving test case | CATT | agreed | R5-214568 | - |
| R5-216075 | Updates to FR2 2DLCA PDSCH demodulation test case | Qualcomm Korea | agreed | R5-215664 | - |
| R5-216076 | Addition of FR2 DL 256QAM demodulation test case | China Telecom | agreed | R5-214532 | - |
| R5-216077 | Test applicability for FR2 256QAM CQI reporting | Huawei, HiSilicon | agreed | R5-215099 | - |
| R5-216078 | Addition of URLLC demod test case 5.2.3.1.7 | Huawei, HiSilicon | agreed | R5-215102 | - |
| R5-216079 | Updating test frequencies for Rel-17 inter-band EN-DC configurations | DOCOMO Communications Lab. | agreed | R5-214710 | - |
| R5-216080 | Update of R17 CADC configurations into TS38.521-1 clause 5 | China Unicom, WE Certification, DISH Network, China Telecommunications | agreed | R5-215400 | - |
| R5-216081 | Updates to Rel.16 enhanced Beam Correspondence test | Apple Portugal | agreed | R5-215634 | - |
| R5-216082 | Updates to test frequencies for LTE band 24 | Ligado Networks | agreed | R5-215174 | - |
| R5-216083 | Discussion of test applicability for different NS values | Qualcomm Austria RFFE GmbH | noted | R5-215565 | - |
| R5-216084 | Update p-Max of PCC of intra-band CA to 6.5A.1.1 | Guangdong OPPO Mobile Telecom. | agreed | R5-215225 | - |
| R5-216085 | Correction of 6.2.3 for UE additional maximum output power reduction | ZTE Corporation | agreed | R5-215459 | - |
| R5-216086 | Correction of 6.2.1 for UE capability IE for maximum output power | ZTE Corporation | agreed | R5-215461 | - |
| R5-216087 | Update to FR2 minimum output power test case | Ericsson | agreed | R5-214327 | - |
| R5-216088 | Update to FR2 ACLR test case | Ericsson, Anritsu | agreed | R5-214328 | - |
| R5-216089 | Add missing LO retrieval step in ULCA carrier leakage test procedure | Qualcomm Wireless GmbH | agreed | R5-215263 | - |
| R5-216090 | FR2 Spur emissions test config table updates and editor notes clean up | Qualcomm Wireless GmbH | agreed | R5-215265 | - |
| R5-216091 | Correction of power control in 38.521-2 | Anritsu | agreed | R5-215322 | - |
| R5-216092 | 38.521-2 CR FR2 ETC MU & TT updates | Keysight technologies UK Ltd | agreed | R5-215631 | - |
| R5-216093 | Updated editors note to indicate missing LO retrieval RRC framework | Qualcomm Wireless GmbH | agreed | R5-215272 | - |
| R5-216094 | Update of reference sensitivity test coverage for 3CC EN-DC configurations | Huawei, HiSilicon | agreed | R5-215256 | - |
| R5-216095 | Update to Rel.15 EN-DC FR2 Band Combination Tables | Apple Portugal | agreed | R5-215640 | - |
| R5-216096 | Update of FR2 demod test cases | ROHDE & SCHWARZ, Anritsu, Qualcomm | agreed | R5-214203 | - |
| R5-216097 | Update to applicability spec for 5G test cases | Bureau Veritas, China Mobile, MediaTek Inc., Huawei, HiSilicon, Ericsson, ROHDE & SCHWARZ, TTA, Qualcomm Incorporated, Anritsu, CAICT | agreed | R5-215372 | - |
| R5-216098 | Correction to EN-DC FR2 interruptions at transitions between active and non-active during DRX | Anritsu | agreed | R5-214712 | - |
| R5-216099 | Correction to 6.5.2.1 NR SA FR1 interruptions during measurements on deactivated NR SCC | Anritsu | agreed | R5-214686 | - |
| R5-216100 | Correction to the propagation condition of NR cell for Inter RAT test cases | Anritsu | agreed | R5-214692 | - |
| R5-216101 | Addition of BWP definition for FR2 SSB SCS240kHz | Anritsu | agreed | R5-214680 | - |
| R5-216102 | Update of demod SNR testability | ROHDE & SCHWARZ, Anritsu | agreed | R5-214204 | - |
| R5-216103 | Add Test Tolerance analyses for EN-DC FR2 interruptions at transitions between active and non-active during DRX Test cases | Anritsu | agreed | R5-214713 | - |
| R5-216104 | Introducing EIRP UL Absolute Power MU for FR2 RRM | Anritsu | agreed | R5-214848 | - |
| R5-216105 | Correction of power control in 38.903 | Anritsu | agreed | R5-215320 | - |
| R5-216106 | Editorial corrections of A.4.3.2B.2.3.1 for inter-band EN-DC within FR1 | ZTE Corporation, China Unicom, China Telecom | agreed | R5-215458 | - |
| R5-216107 | Update of 6.2A.1 for UE maximum output power for CA | ZTE Corporation | agreed | R5-215453 | - |
| R5-216108 | Update for reference sensitivity for DC\_48A\_n66A | Qualcomm Austria RFFE GmbH | agreed | R5-215568 | - |
| R5-216109 | TP analysis for ref sensitivity DC\_48A\_n66A | Qualcomm Austria RFFE GmbH | agreed | R5-215669 | - |
| R5-216110 | Update of 6.3.3.6 for SRS time mask test for BW 70MHz | ZTE Corporation, China Unicom | agreed | R5-215452 | - |
| R5-216111 | UE maximum output power for UL-MIMO | Apple Gesellschaft | agreed | R5-215617 | - |
| R5-216112 | Addition of NR PS Demod TC 5.3.2.1.3-FR1 FDD 2Rx | Huawei,Hisilicon | agreed | R5-215017 | - |
| R5-216113 | Addition of NR PS Demod TC 5.3.3.1.3-FR1 FDD 4Rx | Huawei,Hisilicon | agreed | R5-215018 | - |
| R5-216114 | Introduction of A-MPR test cases for n24 and n99 | Ligado Networks | agreed | R5-215200 | - |
| R5-216115 | Updating UE capabilities for Rel-17 CA,DC,SUL band combinations within FR1 into TS 38.508-2 | China Telecommunications | agreed | R5-214186 | - |
| R5-216116 | Updates to Test Equipment connection for Demodulation Performance and CSI reporting tests | Qualcomm CDMA Technologies | agreed | R5-215180 | - |
| R5-216117 | 38.903 CR FR2 ETC MU updates for new ETC test cases | Keysight technologies UK Ltd | agreed | R5-215630 | - |
| R5-216118 | Update to FR2 NSA SDR TC 9.4B.1.2 | Qualcomm Korea | agreed | R5-215659 | - |
| R5-216119 | Correction to 6.5B.2.2.1 SEM for intra-band non-contiguous EN-DC | Huawei, HiSilicon | agreed | R5-215211 | - |
| R5-216120 | Correction to 6.5B.2.2.3 ACLR for intra-band non-contiguous EN-DC | Huawei, HiSilicon | agreed | R5-215212 | - |
| R5-216121 | Updates to 37.901-5 Annex A for Downlink Throughput tests with Variable Reference Channel | Qualcomm CDMA Technologies | agreed | R5-215261 | - |
| R5-216122 | Introduction of test frequencies for n24 and n99 | Ligado Networks, Ericsson | agreed | R5-215191 | - |
| R5-216123 | Updates to DCI based BWP switch SA FR1 2DLCA TC 6.5.6.1.1 | Qualcomm Korea | agreed | R5-215652 | - |
| R5-216124 | Updates to DCI based BWP switch SA FR1 TC 6.5.6.1.2 | Qualcomm Korea | agreed | R5-215653 | - |
| R5-216125 | Updates to RRC based BWP switch SA FR1 TC 6.5.6.2.1 | Qualcomm Korea | agreed | R5-215654 | - |
| R5-216126 | Addition of eMIMO demod test case 5.2.2.1.12 | Huawei, HiSilicon | agreed | R5-215081 | - |
| R5-216127 | Addition of eMIMO demod test case 5.2.2.1.13 | Huawei, HiSilicon | agreed | R5-215082 | - |
| R5-216128 | Addition of eMIMO demod test case 5.2.2.1.14 | Huawei, HiSilicon | agreed | R5-215083 | - |
| R5-216129 | Addition of eMIMO demod test case 5.2.3.1.13 | Huawei, HiSilicon | agreed | R5-215088 | - |
| R5-216130 | Addition of eMIMO demod test case 5.2.3.1.14 | Huawei, HiSilicon | agreed | R5-215089 | - |
| R5-216131 | Spurious co-existence core requirement updates for Dual connectivity including band n28 and other core requirement alignments | Keysight technologies UK Ltd, Orange | agreed | R5-215519 | - |
| R5-216132 | Correction to FR1 EN-DC TC 4.5.7.1-PSCell addition | Huawei,Hisilicon | agreed | R5-214981 | - |
| R5-216133 | Correction to FR1 EN-DC TCs-BWP switching | Huawei,Hisilicon | agreed | R5-214982 | - |
| R5-216134 | Correction to FR1 EN-DC TCs-SCell activation | Huawei,Hisilicon | agreed | R5-214984 | - |
| R5-216135 | Correction to FR1 NR SA TCs-BWP switching | Huawei,Hisilicon | agreed | R5-214988 | - |
| R5-216136 | Correction to FR1 NR SA TCs-SCell activation | Huawei,Hisilicon | agreed | R5-214992 | - |
| R5-216137 | Correction to UL BWP configuration for SA FR1 TC 6.5.2.1 | Qualcomm Korea | agreed | R5-215658 | - |
| R5-216138 | Correction to LTE SA TCs-SFTD delay | Huawei,Hisilicon, Anritsu | agreed | R5-214998 | - |
| R5-216139 | Addition of RAN4 agreed contents for VRC scenarios to 37.901-5 | Qualcomm Korea | agreed | R5-215586 | - |
| R5-216140 | Removing editors note from NB TDD RLM test cases | Huawei, HiSilicon, Sporton | agreed | R5-215107 | - |
| R5-216141 | Correction to IE and UE capability for low PAPR DMRS across Tx cases | Huawei, HiSilicon | agreed | R5-215182 | - |
| R5-216142 | Correction to IE and UE capability for low PAPR DMRS in test point analysis | Huawei, HiSilicon | agreed | R5-215183 | - |
| R5-216143 | Addition of 6.1.2.3 inter-RAT cell re-selection with relaxed measurement with low mobility | Huawei, HiSilicon | agreed | R5-215068 | - |
| R5-216144 | Addition of 6.1.2.4 inter-RAT cell re-selection with relaxed measurement with not at cell edge | Huawei, HiSilicon | agreed | R5-215069 | - |
| R5-216145 | Correction of RRM EN-DC FR2 SSB-based L1-RSRP measurement in non-DRX test case 5.6.3.1 including Test Tolerance | Ericsson | agreed | R5-215417 | - |
| R5-216146 | Correction of RRM EN-DC FR2 SSB-based L1-RSRP measurement in DRX test case 5.6.3.2 including Test Tolerance | Ericsson | agreed | R5-215418 | - |
| R5-216147 | Correction of RRM EN-DC FR2 CSI-RS-based L1-RSRP measurement in non-DRX test case 5.6.3.3 | Ericsson | agreed | R5-215419 | - |
| R5-216148 | Correction of RRM NR SA FR2 SSB-based L1-RSRP measurement in non-DRX test case 7.6.3.1 including Test Tolerance | Ericsson | agreed | R5-215421 | - |
| R5-216149 | Correction of RRM NR SA FR2 SSB-based L1-RSRP measurement in DRX test case 7.6.3.2 including Test Tolerance | Ericsson | agreed | R5-215422 | - |
| R5-216150 | Correction to Test Procedure for IMS MO and MT call release in 5GC | Huawei, Hisilicon, Keysight | agreed | R5-214759 | - |
| R5-216151 | Correction to introduce Handling of PDU Session Release during switch off/Power off procedures | ROHDE & SCHWARZ, Apple | agreed | R5-215359 | - |
| R5-216152 | Addition of UE Configuration Update procedure | Ericsson | agreed | R5-215502 | - |
| R5-216153 | Corrections for IMS video call signaling | Keysight Technologies, Qualcomm | agreed | R5-215687 | - |
| R5-216154 | Correction to Table 4.6.3-142 and Table 4.6.3-79 for SFTD measurement reporting | Huawei, Hisilicon | agreed | R5-215695 | - |
| R5-216155 | Introduction of PS Data Off | Ericsson | agreed | R5-215500 | - |
| R5-216156 | Introduction of URSP | Ericsson | agreed | R5-215501 | - |
| R5-216157 | Updates to REGISTRATION messages | Ericsson | agreed | R5-215503 | - |
| R5-216158 | Correction to Table 4.8.2.2-1 for default Packet filter ID | Huawei, Hisilicon | agreed | R5-215682 | - |
| R5-216159 | Correction for USIM configurations | Keysight Technologies UK | agreed | R5-214596 | - |
| R5-216160 | Updates to NR cell configurations for SIG | MCC TF160 | agreed | R5-215408 | - |
| R5-216161 | Correction to reference configurations for IMS video call signaling | Keysight Technologies, Qualcomm | agreed | R5-215688 | - |
| R5-216162 | Correction to NR Idle mode test case 6.3.1.5 | Keysight Technologies UK | agreed | R5-214586 | - |
| R5-216163 | Correction of Srxlev for Idle TC 6.1.2.2 | MediaTek Inc. | agreed | R5-214701 | - |
| R5-216164 | Correction to NR TC 6.2.3.10-Inter-RAT cell reselection schedulingInfoList-v12j0 | Huawei, Hisilicon | agreed | R5-214760 | - |
| R5-216165 | Correction to NR TC 6.3.1.7-Emergency service pending to be activated | Huawei, Hisilicon | agreed | R5-214761 | - |
| R5-216166 | Corrections to Idle mode TC 6.2.3.10 and 6.2.3.11 | Qualcomm CDMA Technologies, Keysight | agreed | R5-214897 | - |
| R5-216168 | Correction to Idle TC 6.3.1.10 | MediaTek Inc. | agreed | R5-215440 | - |
| R5-216169 | Corrections to NR5G MAC BWP TC 7.1.1.8.1 | Qualcomm CDMA Technologies, Keysight Technologies UK Ltd, 1. Huawei, Hisilicon | agreed | R5-214738 | - |
| R5-216170 | Correction to NR MAC 7.1.1.4.x test cases | ROHDE & SCHWARZ | agreed | R5-215134 | - |
| R5-216171 | Corrections to NR MAC Recommended bit rate test case | Lenovo, Motorola Mobility, MCC TF160 | agreed | R5-215693 | - |
| R5-216172 | Correction to the test cases 7.1.2.3.5 and 7.1.2.3.5a | ROHDE & SCHWARZ, Keysight | agreed | R5-215138 | - |
| R5-216173 | Correction to NR PDCP test case 7.1.3.5.5 | Keysight Technologies UK | agreed | R5-214589 | - |
| R5-216174 | Updates to NR RRC TC 8.1.1.3.7 | Qualcomm CDMA Technologies | agreed | R5-214737 | - |
| R5-216175 | Correction to NR TC 8.1.1.2.1-T300 expired | Huawei, Hisilicon, Keysight | agreed | R5-214766 | - |
| R5-216176 | Addition of NR5G RRC TC 8.1.1.3.7a | Qualcomm CDMA Technologies | agreed | R5-215702 | - |
| R5-216177 | Correction to RRC reconfiguration Test Case 8.1.2.1.1 | Apple (UK) Limited | agreed | R5-214429 | - |
| R5-216178 | Addition of NR SA TC 8.1.3.1.19-SFTD | Huawei, Hisilicon | agreed | R5-214772 | - |
| R5-216179 | Update to NR RRC test cases 8.1.3.1.11 and 8.1.3.1.12 | Qualcomm communications-France | agreed | R5-215048 | - |
| R5-216180 | Correction to NR TC 8.1.4.1.9.1-Reestablish intra-band | Huawei, Hisilicon, Mediatek | agreed | R5-214768 | - |
| R5-216181 | Correction to NR-DC TC 8.2.2.3.2-Split SRB and SRB3 | Huawei, Hisilicon | agreed | R5-214770 | - |
| R5-216182 | Addition of EN-DC TC 8.2.3.17.1-SFTD | Huawei, Hisilicon | agreed | R5-214773 | - |
| R5-216183 | Addition of NR-DC TC 8.2.3.17.2-SFTD | Huawei, Hisilicon | agreed | R5-214774 | - |
| R5-216184 | Correction to Carrier Aggregation Test Case 8.2.4.1.1.1 | Apple (UK) Limited | agreed | R5-214430 | - |
| R5-216185 | Correction of 5GMM capability for 5GMM TC 9.3.1.2 | MediaTek Inc. | agreed | R5-214705 | - |
| R5-216186 | Correction to NR TC 10.1.1.1 and 10.3.1.1-PDU Establish Accept | Huawei, Hisilicon, ROHDE & SCHWARZ | agreed | R5-214776 | - |
| R5-216187 | Correction of 5GMM capability for EPSFB TC 11.1.7 | MediaTek Inc. | agreed | R5-214706 | - |
| R5-216188 | Correction to NR TC 11.1.2-EPS Fallback from NR Idle | Huawei, Hisilicon | agreed | R5-214777 | - |
| R5-216189 | Correction to NR TC 11.1.5-EPS Fallback from NR connected | Huawei, Hisilicon | agreed | R5-214778 | - |
| R5-216190 | Correction to EPS FB Testcases 11.1.x for FR2 | ANRITSU LTD | agreed | R5-215514 | - |
| R5-216191 | Corrections to NR5GC testcase 11.3.2 | ROHDE & SCHWARZ, Huawei, HiSilicon, Qualcomm | agreed | R5-214440 | - |
| R5-216192 | Correction to NR TC 11.3.1-UAC AI0 with 0 percentage access probability | Huawei, Hisilicon, Qualcomm | agreed | R5-214779 | - |
| R5-216193 | Correction to NR TC 11.3.5-UAC Access Identity 1 | Huawei, Hisilicon | agreed | R5-214781 | - |
| R5-216194 | Correction to NR TC 11.3.6-UAC AI2 MCS | Huawei, Hisilicon | agreed | R5-214782 | - |
| R5-216195 | Addition of new RRC Inactive UAC test case 11.3.1a | Qualcomm communications-France, Huawei, Hisilicon | agreed | R5-215046 | - |
| R5-216196 | Correction to NR5GC testcase 11.4.6 | ROHDE & SCHWARZ, Mediatek, Qualcomm | agreed | R5-214437 | - |
| R5-216198 | Correction to NR TC 11.4.2-Handling of forbidden PLMNs | Huawei, Hisilicon | agreed | R5-214786 | - |
| R5-216199 | Correction to NR TC 11.4.3-Initial registration for emergency services | Huawei, Hisilicon, MCC TF160 | agreed | R5-214787 | - |
| R5-216200 | Correction to NR TC 11.4.4-T3346, T3396 | Huawei, Hisilicon | agreed | R5-214788 | - |
| R5-216201 | Correction to NR TC 11.4.5-Handling of 5GS forbidden tracking areas for roaming | Huawei, Hisilicon | agreed | R5-214789 | - |
| R5-216202 | Correction to NR TC 11.4.9-Emergency call establishment and release | Huawei, Hisilicon | agreed | R5-214790 | - |
| R5-216203 | Correction of Emergency Number list for TC 11.4.8 | MediaTek Inc. | agreed | R5-214945 | - |
| R5-216204 | Update of 5G-NR test cases applicability | Qualcomm Incorporated, CAICT, Lenovo, Motorola Mobility | agreed | R5-214389 | - |
| R5-216205 | Addition of Applicability for SFTD TCs | Huawei, Hisilicon | agreed | R5-214775 | - |
| R5-216206 | Corrections to applicability statements of IMS over 5GS test cases | ROHDE & SCHWARZ | agreed | R5-214218 | - |
| R5-216209 | Add NG.114 PS data off | Ericsson | agreed | R5-214715 | - |
| R5-216210 | Corrections to IMS5GS test case 7.1 | ROHDE & SCHWARZ, Apple Inc | agreed | R5-214219 | - |
| R5-216211 | Adding references | ROHDE & SCHWARZ | agreed | R5-214222 | - |
| R5-216212 | Corrections to IMS5GS test case 7.20 | ROHDE & SCHWARZ | agreed | R5-214336 | - |
| R5-216213 | Corrections to IMS5GS test case 7.22 | ROHDE & SCHWARZ | agreed | R5-214337 | - |
| R5-216214 | Corrections to IMS5GS test case 7.23 | ROHDE & SCHWARZ | agreed | R5-214382 | - |
| R5-216215 | Corrections to IMS5GS Generic Procedure A.16 | ROHDE & SCHWARZ | agreed | R5-214387 | - |
| R5-216216 | Corrections to IMS5GS test case 7.31 | ROHDE & SCHWARZ | agreed | R5-214448 | - |
| R5-216217 | Corrections to IMS5GS test case 7.32 | ROHDE & SCHWARZ | agreed | R5-214449 | - |
| R5-216218 | Correction to IMS NR 8.31-using generic procedures of creating and leaving a conference | Huawei, Hisilicon | agreed | R5-214814 | - |
| R5-216219 | Addition of IMS NR TC 10.2-emergency call with reg-location unavailable | Huawei, Hisilicon | agreed | R5-214816 | - |
| R5-216220 | Addition of IMS NR TC 10.3-emergency call with reg-other IMS in parallel | Huawei, Hisilicon | agreed | R5-214817 | - |
| R5-216221 | Addition of IMS NR TC 10.11-new emergency reg after new IP | Huawei, Hisilicon | agreed | R5-214818 | - |
| R5-216222 | Addition of IMS NR TC 10.12-uer initiated emergency reg with ongoing dialog | Huawei, Hisilicon | agreed | R5-214819 | - |
| R5-216223 | Addition of IMS NR TC 10.13-uer initiated emergency reg-initiates a call | Huawei, Hisilicon | agreed | R5-214820 | - |
| R5-216224 | Addition of new 5GS IMS test case 8.27 | ZTE Corporation | agreed | R5-214874 | - |
| R5-216225 | Addition of new 5GS IMS test case 8.29 | ZTE Corporation | agreed | R5-214875 | - |
| R5-216226 | Addition of new 5GS IMS test case 8.33 | ZTE Corporation | agreed | R5-214876 | - |
| R5-216227 | Addition of new 5GS IMS test case 8.35 | ZTE Corporation | agreed | R5-214877 | - |
| R5-216228 | Addition of new 5GS IMS test case 8.37 | ZTE Corporation | agreed | R5-214878 | - |
| R5-216229 | Addition of new 5GS IMS test case 8.40 | ZTE Corporation | agreed | R5-214879 | - |
| R5-216230 | Addition of new 5GS IMS test case 8.41 | ZTE Corporation | agreed | R5-214880 | - |
| R5-216231 | Addition of new 5GS IMS test case 10.14 | ZTE Corporation | agreed | R5-214881 | - |
| R5-216232 | Addition of new 5GS IMS test case 10.15 | ZTE Corporation | agreed | R5-214882 | - |
| R5-216233 | Addition of new 5GS IMS generic procedure A.24 | ZTE Corporation | agreed | R5-214883 | - |
| R5-216234 | Addition of new 5GS IMS generic procedure A.25 | ZTE Corporation | agreed | R5-214884 | - |
| R5-216235 | Addition of new 5GS IMS generic procedure A.26 | ZTE Corporation | agreed | R5-214885 | - |
| R5-216236 | Corrections to IMS over 5GS TCs 8.1 and 8.18 | Qualcomm CDMA Technologies | agreed | R5-214892 | - |
| R5-216237 | Addition of new IMS over 5GS TC 10.6 Non-UE detectable emergency call / IM CN sends 380 with an Alternative Service / Previous emergency IMS registration not expired / 5GS | Qualcomm communications-France | agreed | R5-214960 | - |
| R5-216238 | Update to Re-Registration test case 6.6 | Qualcomm communications-France | agreed | R5-215150 | - |
| R5-216240 | Addition of test case 10.4 | MediaTek Inc. | agreed | R5-215606 | - |
| R5-216241 | Addition of test case 10.9 | MediaTek Inc. | agreed | R5-215611 | - |
| R5-216242 | Correction to IMS video call test case 7.15 | Keysight Technologies, Qualcomm | agreed | R5-215686 | - |
| R5-216243 | Correction of test frequencies for CA\_n66B for protocol testing | Ericsson | agreed | R5-214886 | - |
| R5-216245 | Update NB-IoT test case 22.4.1 for TDD | CATT, TDIA | agreed | R5-215124 | - |
| R5-216246 | Update NB-IoT test case 22.4.13 for Rel-15 | TDIA, CATT | agreed | R5-215158 | - |
| R5-216247 | Update NB-IoT test case 22.5.8 for TDD | TDIA, CATT | agreed | R5-215159 | - |
| R5-216248 | Update test case 7.3.5.6 | Ericsson | agreed | R5-214217 | - |
| R5-216249 | Add new TC 8.2.4.30.4 Inter Frequency DAPS handover | China Telecom | agreed | R5-214535 | - |
| R5-216250 | Update on TC 8.2.4.30.1 intra-frequency DAPS handover | China Telecom | agreed | R5-214537 | - |
| R5-216251 | Addition of LTE TC 8.2.4.31.3-Conditional handover Failure | Huawei, Hisilicon | agreed | R5-214799 | - |
| R5-216252 | Addition of new test case 8.2.4.30.2 | ZTE Corporation | agreed | R5-214867 | - |
| R5-216253 | Addition of new test case 8.2.4.30.3 | ZTE Corporation | agreed | R5-214868 | - |
| R5-216254 | Addition of new test case 8.2.4.30.5 | ZTE Corporation | agreed | R5-214869 | - |
| R5-216255 | Addition of new test case 8.2.4.30.6 | ZTE Corporation | agreed | R5-214870 | - |
| R5-216256 | Introduction of MIoT SST | Ericsson | agreed | R5-215498 | - |
| R5-216257 | Introduction of common implementation conformance statements for Multi configured uplink grants in NR IIoT | CMCC | agreed | R5-214570 | - |
| R5-216258 | Addition of PIC for MIoT SST | Ericsson | agreed | R5-215505 | - |
| R5-216259 | Correction to NR TC 7.1.3.4.3-DAPS handover L2 | Huawei, Hisilicon | agreed | R5-214791 | - |
| R5-216260 | Correction to NR TC 8.1.4.3.1-DAPS handover Success | Huawei, Hisilicon | agreed | R5-214792 | - |
| R5-216261 | Addition of NR TC 8.1.4.3.2-DAPS handover Success RLF in source | Huawei, Hisilicon | agreed | R5-214793 | - |
| R5-216262 | Correction to applicability for NR MobEnh | Huawei, Hisilicon | agreed | R5-214796 | - |
| R5-216263 | Correction to IEs for V2XP info | Huawei, Hisilicon | agreed | R5-214801 | - |
| R5-216264 | Correction to IEs for Served by E-UTRA or served by NR | Huawei, Hisilicon | agreed | R5-214802 | - |
| R5-216265 | Correction to IEs for Not served by E-UTRA and not served by NR | Huawei, Hisilicon | agreed | R5-214803 | - |
| R5-216266 | Correction to IEs for V2X service identifier to PC5 RAT and Tx profiles mapping rules | Huawei, Hisilicon | agreed | R5-214804 | - |
| R5-216267 | Correction to IEs for Privacy config | Huawei, Hisilicon | agreed | R5-214805 | - |
| R5-216268 | Correction to IEs for V2X communication over PC5 in E-UTRA-PC5 | Huawei, Hisilicon | agreed | R5-214806 | - |
| R5-216269 | Correction to IEs for V2X communication over PC5 in NR-PC5 | Huawei, Hisilicon | agreed | R5-214807 | - |
| R5-216270 | Correction to UE Policy Delivery msg | Huawei, Hisilicon | agreed | R5-214809 | - |
| R5-216271 | Addition of PIC for V2X SST | Ericsson | agreed | R5-215506 | - |
| R5-216272 | Addition of NR5G Power saving TC 8.1.5.10.1 | Qualcomm CDMA Technologies | agreed | R5-214757 | - |
| R5-216273 | Addition of Rel-16 SNPN TC 9.1.11.1 | Qualcomm CDMA Technologies | agreed | R5-215670 | - |
| R5-216274 | Addition of applicability for NPN test cases | Qualcomm CDMA Technologies | agreed | R5-214748 | - |
| R5-216275 | Addition of predefined UE capability container for test function Set UL Message - NR | Qualcomm CDMA Technologies | agreed | R5-214743 | - |
| R5-216276 | Update Test Case 8.1.5.1.1 to allow segmentation of UE Capability Information | Tech Mahindra Limited | agreed | R5-214460 | - |
| R5-216277 | Modification of the TC 8.2.1.1.1 to allow uplink segmentation for Rel-16 RACS | Tech Mahindra Limited | agreed | R5-214461 | - |
| R5-216278 | Updates to Rel-16 RACS RRC TC 8.1.5.9.1 | Qualcomm CDMA Technologies | agreed | R5-214744 | - |
| R5-216279 | Updates to Rel-16 RACS TC 9.1.9.5 | Qualcomm CDMA Technologies | agreed | R5-214745 | - |
| R5-216280 | Updates to default contents of NAS messages for RACS | Qualcomm communications-France | agreed | R5-215123 | - |
| R5-216281 | Addition of Rel-16 RACS RRC test case 8.5.5.1 | Qualcomm communications-France | agreed | R5-215139 | - |
| R5-216282 | Addition of MIKEY-SAKKE I\_MESSAGE Table 5.5.9.1-1A CSK download sent by the SS | NIST | agreed | R5-215602 | - |
| R5-216283 | Addition of MCPTT Test Case 5.6 Configuration / Download CSK | NIST | agreed | R5-215600 | - |
| R5-216284 | Update default message contents of LoggedMeasurementConfiguration | ZTE Corporation | agreed | R5-214866 | - |
| R5-216285 | Addition of new test case 8.1.6.2.1 for Immediate MDT in Inter-RAT MDT | CMCC | agreed | R5-214210 | - |
| R5-216286 | Addition of new test case 8.1.6.2.2 for Logged MDT in Inter-RAT MDT | CMCC | agreed | R5-214211 | - |
| R5-216287 | Addition of new test case 8.1.6.2.3 for Radio Link Failure in Inter-RAT MDT | CMCC | agreed | R5-214212 | - |
| R5-216288 | Addition of new test case 8.1.6.2.4 for Connection Establishment Failure in Inter-RAT MDT | CMCC | agreed | R5-214213 | - |
| R5-216289 | Update of MDT TC 8.1.6.1.3.1 | MediaTek Inc. | agreed | R5-214549 | - |
| R5-216290 | Update of MDT TC 8.1.6.1.3.3 | MediaTek Inc. | agreed | R5-214551 | - |
| R5-216291 | Update of MDT TC 8.1.6.1.3.4 | MediaTek Inc. | agreed | R5-214697 | - |
| R5-216292 | Update of MDT TC 8.1.6.1.3.6 | MediaTek Inc. | agreed | R5-214699 | - |
| R5-216293 | Correction to NR TC 8.1.6.1.3.7-PLMN list | Huawei, Hisilicon, Mediatek | agreed | R5-214824 | - |
| R5-216294 | Correction to MDT NR TC 8.1.6.3.1.3-inter system immediate-sensor | Huawei, Hisilicon | agreed | R5-214825 | - |
| R5-216295 | Correction to MDT NR TC 8.1.6.1.4.6-CEF Intra-Freq measurements | Huawei, Hisilicon | agreed | R5-214827 | - |
| R5-216296 | Addition of MDT NR TC 8.1.6.3.4.1-Inter System\_CEF\_bluetooth | Huawei, Hisilicon | agreed | R5-214828 | - |
| R5-216297 | Update of MDT test case 8.1.6.1.2.1 | ZTE Corporation | agreed | R5-214855 | - |
| R5-216298 | Update of MDT test case 8.1.6.1.2.2 | ZTE Corporation | agreed | R5-214856 | - |
| R5-216299 | Update of MDT test case 8.1.6.1.2.3 | ZTE Corporation | agreed | R5-214857 | - |
| R5-216300 | Update of MDT test case 8.1.6.1.2.4 | ZTE Corporation, TDIA, CATT | agreed | R5-214858 | - |
| R5-216301 | Update of MDT test case 8.1.6.1.2.5 | ZTE Corporation, TDIA, CATT | agreed | R5-214859 | - |
| R5-216302 | Update of MDT test case 8.1.6.1.2.6 | ZTE Corporation, TDIA, CATT | agreed | R5-214860 | - |
| R5-216303 | Update of MDT test case 8.1.6.1.2.7 | ZTE Corporation | agreed | R5-214861 | - |
| R5-216304 | Update of MDT test case 8.1.6.1.2.9 | ZTE Corporation | agreed | R5-214863 | - |
| R5-216305 | Update of MDT test case 8.1.6.1.2.10 | ZTE Corporation | agreed | R5-214864 | - |
| R5-216306 | Update of MDT test case 8.1.6.1.2.11 | ZTE Corporation | agreed | R5-214865 | - |
| R5-216307 | Correction to MDT TC 8.1.6.1.4.3 | MediaTek Inc. | agreed | R5-214943 | - |
| R5-216308 | Correction to MDT test case 8.1.6.1.2.8 | TDIA, CATT | agreed | R5-214966 | - |
| R5-216309 | Correction to MDT test case 8.1.6.1.2.12 | TDIA, CATT | agreed | R5-214968 | - |
| R5-216310 | Correction to MDT test case 8.1.6.1.2.13 | TDIA, CATT | agreed | R5-214969 | - |
| R5-216311 | Correction of MDT Test Case 8.1.6.1.4.1 and 8.1.6.1.4.4 | TDIA, CATT | agreed | R5-215441 | - |
| R5-216312 | Correction of MDT Test Case 8.1.6.1.4.2 and 8.1.6.1.4.3 | TDIA, CATT | agreed | R5-215442 | - |
| R5-216313 | Correction of MDT Test Case 8.1.6.1.4.5 | TDIA, CATT, Huawei, Hisilicon | agreed | R5-215443 | - |
| R5-216314 | Correction of MDT Test Case 8.1.6.1.4.6 and 8.1.6.1.4.7 | TDIA, CATT | agreed | R5-215444 | - |
| R5-216315 | Update of applicability statement and conditions for the test cases in NR MDT | CMCC | agreed | R5-214513 | - |
| R5-216316 | Correction to test case 11.2.1 5G-SRVCC from NG-RAN to 3GPP UTRAN | CATT, TDIA | agreed | R5-215168 | - |
| R5-216317 | New UL TBS MAC test Case for NR URLLC | Lenovo and Motorola Mobility | agreed | R5-214932 | - |
| R5-216318 | Addition of New DL MAC NR URLLC Test Case | Lenovo and Motorola Mobility | agreed | R5-214933 | - |
| R5-216319 | Correction to NR URLLC Test Case | Lenovo and Motorola Mobility | agreed | R5-214936 | - |
| R5-216320 | Introduction of signalling test frequencies for n24 and n99 | Ligado Networks, Ericsson | agreed | R5-215192 | - |
| R5-216321 | Adding signalling test frequencies for SUL band n97 | Huawei, Hisilicon | agreed | R5-215309 | - |
| R5-216322 | Correction to NR positioning method information in Position Capability Transfer test case | CATT | agreed | R5-214561 | - |
| R5-216323 | Addition of assistance data information elements for Multi-RTT, DL-AoD and DL-TDOA positioning methods | CATT | agreed | R5-214562 | - |
| R5-216324 | Correction to the definetions of NR Rel 16 positioning meithod related PICS | CATT | agreed | R5-214564 | - |
| R5-216325 | Addition of new test case 9.1.10.1 for R16 eNS | CMCC, Rohde & Schwarz, MCC TF160 | agreed | R5-215240 | - |
| R5-216326 | Addition of new test case 9.1.10.6 for R16 eNS | CMCC, Rohde & Schwarz, MCC TF160 | agreed | R5-215241 | - |
| R5-216327 | Default message content update for NR EIEI | Qualcomm communications-France | agreed | R5-214964 | - |
| R5-216328 | Generic procedure for eCall over IMS establishment in 5GS Normal Service | Qualcomm communications-France | agreed | R5-214965 | - |
| R5-216329 | USIM configuration for NR EIEI | Qualcomm Incorporated | agreed | R5-214967 | - |
| R5-216330 | Applicability updates for NR EIEI test case 11.1 | Qualcomm communications-France | agreed | R5-214975 | - |
| R5-216331 | Generic test procedure for eCall setup and MSD Update in 5GS | Qualcomm communications-France | agreed | R5-214970 | - |
| R5-216332 | Addition of new IMS over 5GS TC 11.1 eCall over IMS / Manual initiation / Normal registration / Emergency registration / Success / 200 OK with ACK / 5GS | Qualcomm communications-France | agreed | R5-214973 | - |
| R5-216333 | Add applicabilities for test cases 8.1.1.4.4, 8.1.1.4.5 and 8.1.1.4.6 | Ericsson | agreed | R5-214514 | - |
| R5-216334 | Add applicabilities for test cases 8.1.1.4.7, 8.1.1.4.8 and 8.1.1.4.9 | Ericsson | agreed | R5-214515 | - |
| R5-216335 | Updates to signalling test frequencies for LTE band 24 | Ligado Networks | agreed | R5-215175 | - |
| R5-216336 | Updates to guidelines on test execution for LTE Band 24 | Ligado Networks | agreed | R5-215176 | - |
| R5-216337 | Correction to LTE Idle mode TC 6.1.2.13 for CAT-M1 | ANRITSU LTD | agreed | R5-215690 | - |
| R5-216338 | Correction of EIEI test cases 21.5 and 21.6 | Qualcomm communications-France | agreed | R5-215148 | - |
| R5-216339 | Correction to annex A.2.19: MO INFO for eCall over IMS | Keysight Technologies UK, Qualcomm | agreed | R5-215173 | - |
| R5-216340 | Correction to IMS LTE A.5.3-Notify for event package-distinguishing audio video conference | Huawei, Hisilicon | agreed | R5-215204 | - |
| R5-216341 | Routine maintenance for TS 34.229-3 | MCC TF160 | agreed | R5-215402 | - |
| R5-216342 | Correction of MCPTT test case 6.3.2 | MCC TF160 | agreed | R5-214676 | - |
| R5-216343 | Routine maintenance for TS 36.579-5 | MCC TF160 | agreed | R5-214677 | - |
| R5-216344 | Correction to MCVideo Test Case 6.1.2.1 | NIST | agreed | R5-215587 | - |
| R5-216345 | Correction to MCVideo Test Case 6.1.2.2 | NIST | agreed | R5-215588 | - |
| R5-216346 | Correction to MCVideo Test Case 6.1.2.3 | NIST | agreed | R5-215589 | - |
| R5-216347 | Correction to MCVideo Test Case 6.1.2.4 | NIST | agreed | R5-215590 | - |
| R5-216348 | Correction to MCVideo Test Case 6.2.1 | NIST | agreed | R5-215591 | - |
| R5-216349 | Correction to MCVideo Test Case 6.2.2 | NIST | agreed | R5-215592 | - |
| R5-216350 | Correction to MCVideo Test Case 6.2.7 | NIST | agreed | R5-215597 | - |
| R5-216351 | Correction to MCVideo Test Case 6.2.8 | NIST | agreed | R5-215598 | - |
| R5-216352 | Text Proposal on Test Configuration | CMCC | approved | R5-215246 | - |
| R5-216353 | WP of Rel-17 NR CA and DC; and NR and LTE DC Configurations | Huawei, Hisilicon | reserved | - | - |
| R5-216354 | SR - Rel-16 IiOT after RAN5#92-e | CMCC | reserved | R5-214462 | - |
| R5-216355 | WP - Rel-16 IiOT after RAN5#92-e | CMCC | reserved | R5-214463 | - |
| R5-216356 | Sharat Chander Virtual Farewell Card | TSG WG RAN5 | reserved | - | - |
| R5-216357 | SR UE Conformance Test Aspects - LTE-NR & NR-NR Dual Connectivity and NR CA enhancements | Nokia, Nokia Shanghai Bell | reserved | R5-215549 | - |
| R5-216358 | WP UE Conformance Test Aspects - LTE-NR & NR-NR Dual Connectivity and NR CA enhancements | Nokia, Nokia Shanghai Bell | reserved | R5-215551 | - |
| R5-216360 | Correction of RRM NR SA FR2 CSI-RS-based L1-RSRP measurement in non-DRX test case 7.6.3.3 | Ericsson | agreed | R5-215423 | - |
| R5-216361 | Correction of RRM NR SA FR2 CSI-RS-based L1-RSRP measurement in DRX test case 7.6.3.4 | Ericsson | agreed | R5-215424 | - |
| R5-216362 | Correction of Test Tolerance analysis for FR2 event triggered reporting in non-DRX test cases | Ericsson | agreed | R5-215432 | - |
| R5-216363 | Test Tolerance analysis for FR2 SSB-based L1-RSRP measurement for beam reporting test cases | Ericsson | agreed | R5-215434 | - |
| R5-216364 | Addition of NR SA FR2 cell re-selection for UE fulfilling low mobility relaxed measurement criterion | CATT | agreed | R5-214572 | - |
| R5-216365 | Addition of NR SA FR2 cell re-selection for UE fulfilling not-at-cell edge relaxed measurement criterion | CATT | agreed | R5-214573 | - |
| R5-216366 | Addition of NR SA FR2-FR2 cell re-selection for UE fulfilling not-at-cell edge relaxed measurement criterion | CATT | agreed | R5-214575 | - |

## Annex B: List of change requests

1919 CRs and final revisions at RAN5#92-e (830 intermediates not shown)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Spec | CR | Rev | Rel | Cat | WI | Decision |
| R5-214215 | Corrections to LTE IMS test case 22.7 | ROHDE & SCHWARZ | 34.229-1 | 1465 | - | Rel-15 | F | TEI8\_Test | agreed |
| R5-214531 | Correction to Generic Procedure A.2.1 on MO INVITE for 100rel | ROHDE & SCHWARZ | 34.229-1 | 1466 | - | Rel-15 | F | TEI8\_Test | agreed |
| R5-214553 | Correction to LTE IMS test case 22.7 | ROHDE & SCHWARZ | 34.229-1 | 1467 | - | Rel-15 | F | TEI8\_Test | agreed |
| R5-214726 | Add PS data off feature | Ericsson | 34.229-1 | 1468 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215718 | Add PS data off feature | Ericsson | 34.229-1 | 1468 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214822 | Correction to IMS LTE C.9-stop or resume sending media | Huawei, Hisilicon | 34.229-1 | 1469 | - | Rel-15 | F | TEI9\_Test | agreed |
| R5-214823 | Correction to IMS LTE TC 19.4.2-allowing emergency registration | Huawei, Hisilicon | 34.229-1 | 1470 | - | Rel-15 | F | TEI9\_Test | withdrawn |
| R5-214963 | Correction of EIEI test cases 21.5 and 21.6 | Qualcomm communications-France | 34.229-1 | 1471 | - | Rel-15 | F | TEI14\_Test | withdrawn |
| R5-215148 | Correction of EIEI test cases 21.5 and 21.6 | Qualcomm communications-France | 34.229-1 | 1472 | - | Rel-15 | F | TEI14\_Test, EIEI-UEConTest | revised |
| R5-216338 | Correction of EIEI test cases 21.5 and 21.6 | Qualcomm communications-France | 34.229-1 | 1472 | 1 | Rel-15 | F | TEI14\_Test, EIEI-UEConTest | agreed |
| R5-215173 | Correction to annex A.2.19: MO INFO for eCall over IMS | Keysight Technologies UK, Qualcomm | 34.229-1 | 1473 | - | Rel-15 | F | TEI14\_Test | revised |
| R5-216339 | Correction to annex A.2.19: MO INFO for eCall over IMS | Keysight Technologies UK, Qualcomm | 34.229-1 | 1473 | 1 | Rel-15 | F | TEI14\_Test | agreed |
| R5-215204 | Correction to IMS LTE A.5.3-Notify for event package-distinguishing audio video conference | Huawei, Hisilicon | 34.229-1 | 1474 | - | Rel-15 | F | TEI9\_Test | revised |
| R5-216340 | Correction to IMS LTE A.5.3-Notify for event package-distinguishing audio video conference | Huawei, Hisilicon | 34.229-1 | 1474 | 1 | Rel-15 | F | TEI9\_Test | agreed |
| R5-214218 | Corrections to applicability statements of IMS over 5GS test cases | ROHDE & SCHWARZ | 34.229-2 | 0286 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216206 | Corrections to applicability statements of IMS over 5GS test cases | ROHDE & SCHWARZ | 34.229-2 | 0286 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214388 | Adding applicabilities for new IMS5GS test cases | ROHDE & SCHWARZ | 34.229-2 | 0287 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215719 | Adding applicabilities for new IMS5GS test cases | ROHDE & SCHWARZ | 34.229-2 | 0287 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214556 | Update NG.114 capabilities | Ericsson | 34.229-2 | 0288 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215720 | Update NG.114 capabilities | Ericsson | 34.229-2 | 0288 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214715 | Add NG.114 PS data off | Ericsson | 34.229-2 | 0289 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216209 | Add NG.114 PS data off | Ericsson | 34.229-2 | 0289 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214731 | Update test case 7.4 | Ericsson | 34.229-2 | 0290 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215767 | Update test case 7.4 | Ericsson | 34.229-2 | 0290 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214975 | Applicability updates for NR EIEI test case 11.1 | Qualcomm communications-France | 34.229-2 | 0291 | - | Rel-16 | F | NR\_EIEI-UEConTest | revised |
| R5-216330 | Applicability updates for NR EIEI test case 11.1 | Qualcomm communications-France | 34.229-2 | 0291 | 1 | Rel-16 | F | NR\_EIEI-UEConTest | agreed |
| R5-215119 | Applicability updates to EIEI IMS test cases | Qualcomm communications-France | 34.229-2 | 0292 | - | Rel-15 | F | TEI14\_Test, EIEI-UEConTest | agreed |
| R5-215495 | Applicability for new Data Off Test Cases | Ericsson | 34.229-2 | 0293 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215402 | Routine maintenance for TS 34.229-3 | MCC TF160 | 34.229-3 | 0734 | - | Rel-16 | F | TEI8\_Test | revised |
| R5-216341 | Routine maintenance for TS 34.229-3 | MCC TF160 | 34.229-3 | 0734 | 1 | Rel-16 | F | TEI8\_Test | agreed |
| R5-214205 | Corrections to IMS5GS test case 6.4 | ROHDE & SCHWARZ | 34.229-5 | 0164 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214216 | Corrections to IMS over 5GS test case 7.33 | ROHDE & SCHWARZ | 34.229-5 | 0165 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214219 | Corrections to IMS5GS test case 7.1 | ROHDE & SCHWARZ, Apple Inc | 34.229-5 | 0166 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216210 | Corrections to IMS5GS test case 7.1 | ROHDE & SCHWARZ, Apple Inc | 34.229-5 | 0166 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214222 | Adding references | ROHDE & SCHWARZ | 34.229-5 | 0167 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216211 | Adding references | ROHDE & SCHWARZ | 34.229-5 | 0167 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214223 | Corrections to IMS5GS test case 7.24 | ROHDE & SCHWARZ | 34.229-5 | 0168 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214225 | Corrections to IMS5GS Generic Procedures A.7 and A.8 | ROHDE & SCHWARZ | 34.229-5 | 0169 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214226 | Corrections to IMS5GS test case 7.25 | ROHDE & SCHWARZ | 34.229-5 | 0170 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214314 | Corrections to IMS5GS test case 7.21 | ROHDE & SCHWARZ | 34.229-5 | 0171 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214320 | Corrections to IMS5GS test case 7.12 | ROHDE & SCHWARZ | 34.229-5 | 0172 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214336 | Corrections to IMS5GS test case 7.20 | ROHDE & SCHWARZ | 34.229-5 | 0173 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216212 | Corrections to IMS5GS test case 7.20 | ROHDE & SCHWARZ | 34.229-5 | 0173 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214337 | Corrections to IMS5GS test case 7.22 | ROHDE & SCHWARZ | 34.229-5 | 0174 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216213 | Corrections to IMS5GS test case 7.22 | ROHDE & SCHWARZ | 34.229-5 | 0174 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214382 | Corrections to IMS5GS test case 7.23 | ROHDE & SCHWARZ | 34.229-5 | 0175 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216214 | Corrections to IMS5GS test case 7.23 | ROHDE & SCHWARZ | 34.229-5 | 0175 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214386 | Corrections to IMS5GS Generic Procedure A.15 | ROHDE & SCHWARZ | 34.229-5 | 0176 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214387 | Corrections to IMS5GS Generic Procedure A.16 | ROHDE & SCHWARZ | 34.229-5 | 0177 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216215 | Corrections to IMS5GS Generic Procedure A.16 | ROHDE & SCHWARZ | 34.229-5 | 0177 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214394 | Corrections to IMS5GS test case 7.14 | ROHDE & SCHWARZ | 34.229-5 | 0178 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214428 | Corrections to IMS5GS test case 8.30 | ROHDE & SCHWARZ | 34.229-5 | 0179 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215721 | Corrections to IMS5GS test case 8.30 | ROHDE & SCHWARZ | 34.229-5 | 0179 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214442 | New generic procedure for activation and de-activation of Supplementary Services | ROHDE & SCHWARZ | 34.229-5 | 0180 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214443 | New generic procedure for GAA XCAP authentication | ROHDE & SCHWARZ | 34.229-5 | 0181 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214444 | Corrections to IMS5GS test case 7.27 | ROHDE & SCHWARZ | 34.229-5 | 0182 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214445 | Corrections to IMS5GS test case 7.28 | ROHDE & SCHWARZ | 34.229-5 | 0183 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214446 | Corrections to IMS5GS test case 7.29 | ROHDE & SCHWARZ | 34.229-5 | 0184 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214447 | Corrections to IMS5GS test case 7.30 | ROHDE & SCHWARZ | 34.229-5 | 0185 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215722 | Corrections to IMS5GS test case 7.30 | ROHDE & SCHWARZ | 34.229-5 | 0185 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214448 | Corrections to IMS5GS test case 7.31 | ROHDE & SCHWARZ | 34.229-5 | 0186 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216216 | Corrections to IMS5GS test case 7.31 | ROHDE & SCHWARZ | 34.229-5 | 0186 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214449 | Corrections to IMS5GS test case 7.32 | ROHDE & SCHWARZ | 34.229-5 | 0187 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216217 | Corrections to IMS5GS test case 7.32 | ROHDE & SCHWARZ | 34.229-5 | 0187 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214450 | Corrections to IMS over 5GS test case 7.33 | ROHDE & SCHWARZ, Qualcomm Inc | 34.229-5 | 0188 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214451 | Corrections to IMS5GS test case 7.34 | ROHDE & SCHWARZ | 34.229-5 | 0189 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214812 | Correction to IMS NR A.5.1-adding conf in SDP | Huawei, Hisilicon | 34.229-5 | 0190 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214813 | Correction to IMS NR A.14-wrong arrows | Huawei, Hisilicon | 34.229-5 | 0191 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214814 | Correction to IMS NR 8.31-using generic procedures of creating and leaving a conference | Huawei, Hisilicon | 34.229-5 | 0192 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216218 | Correction to IMS NR 8.31-using generic procedures of creating and leaving a conference | Huawei, Hisilicon | 34.229-5 | 0192 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214815 | Correction to IMS NR 8.32-using generic procedures of inviting user to conference | Huawei, Hisilicon | 34.229-5 | 0193 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214816 | Addition of IMS NR TC 10.2-emergency call with reg-location unavailable | Huawei, Hisilicon | 34.229-5 | 0194 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216219 | Addition of IMS NR TC 10.2-emergency call with reg-location unavailable | Huawei, Hisilicon | 34.229-5 | 0194 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214817 | Addition of IMS NR TC 10.3-emergency call with reg-other IMS in parallel | Huawei, Hisilicon | 34.229-5 | 0195 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216220 | Addition of IMS NR TC 10.3-emergency call with reg-other IMS in parallel | Huawei, Hisilicon | 34.229-5 | 0195 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214818 | Addition of IMS NR TC 10.11-new emergency reg after new IP | Huawei, Hisilicon | 34.229-5 | 0196 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216221 | Addition of IMS NR TC 10.11-new emergency reg after new IP | Huawei, Hisilicon | 34.229-5 | 0196 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214819 | Addition of IMS NR TC 10.12-uer initiated emergency reg with ongoing dialog | Huawei, Hisilicon | 34.229-5 | 0197 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216222 | Addition of IMS NR TC 10.12-uer initiated emergency reg with ongoing dialog | Huawei, Hisilicon | 34.229-5 | 0197 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214820 | Addition of IMS NR TC 10.13-uer initiated emergency reg-initiates a call | Huawei, Hisilicon | 34.229-5 | 0198 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216223 | Addition of IMS NR TC 10.13-uer initiated emergency reg-initiates a call | Huawei, Hisilicon | 34.229-5 | 0198 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214821 | Addition of IMS NR generic procedures-leaving a conference | Huawei, Hisilicon | 34.229-5 | 0199 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214874 | Addition of new 5GS IMS test case 8.27 | ZTE Corporation | 34.229-5 | 0200 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216224 | Addition of new 5GS IMS test case 8.27 | ZTE Corporation | 34.229-5 | 0200 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214875 | Addition of new 5GS IMS test case 8.29 | ZTE Corporation | 34.229-5 | 0201 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216225 | Addition of new 5GS IMS test case 8.29 | ZTE Corporation | 34.229-5 | 0201 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214876 | Addition of new 5GS IMS test case 8.33 | ZTE Corporation | 34.229-5 | 0202 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216226 | Addition of new 5GS IMS test case 8.33 | ZTE Corporation | 34.229-5 | 0202 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214877 | Addition of new 5GS IMS test case 8.35 | ZTE Corporation | 34.229-5 | 0203 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216227 | Addition of new 5GS IMS test case 8.35 | ZTE Corporation | 34.229-5 | 0203 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214878 | Addition of new 5GS IMS test case 8.37 | ZTE Corporation | 34.229-5 | 0204 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216228 | Addition of new 5GS IMS test case 8.37 | ZTE Corporation | 34.229-5 | 0204 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214879 | Addition of new 5GS IMS test case 8.40 | ZTE Corporation | 34.229-5 | 0205 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216229 | Addition of new 5GS IMS test case 8.40 | ZTE Corporation | 34.229-5 | 0205 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214880 | Addition of new 5GS IMS test case 8.41 | ZTE Corporation | 34.229-5 | 0206 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216230 | Addition of new 5GS IMS test case 8.41 | ZTE Corporation | 34.229-5 | 0206 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214881 | Addition of new 5GS IMS test case 10.14 | ZTE Corporation | 34.229-5 | 0207 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216231 | Addition of new 5GS IMS test case 10.14 | ZTE Corporation | 34.229-5 | 0207 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214882 | Addition of new 5GS IMS test case 10.15 | ZTE Corporation | 34.229-5 | 0208 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216232 | Addition of new 5GS IMS test case 10.15 | ZTE Corporation | 34.229-5 | 0208 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214883 | Addition of new 5GS IMS generic procedure A.24 | ZTE Corporation | 34.229-5 | 0209 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216233 | Addition of new 5GS IMS generic procedure A.24 | ZTE Corporation | 34.229-5 | 0209 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214884 | Addition of new 5GS IMS generic procedure A.25 | ZTE Corporation | 34.229-5 | 0210 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216234 | Addition of new 5GS IMS generic procedure A.25 | ZTE Corporation | 34.229-5 | 0210 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214885 | Addition of new 5GS IMS generic procedure A.26 | ZTE Corporation | 34.229-5 | 0211 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216235 | Addition of new 5GS IMS generic procedure A.26 | ZTE Corporation | 34.229-5 | 0211 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214891 | Corrections to Annex A.4.1 of 34.229-5 | Qualcomm CDMA Technologies | 34.229-5 | 0212 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214892 | Corrections to IMS over 5GS TCs 8.1 and 8.18 | Qualcomm CDMA Technologies | 34.229-5 | 0213 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216236 | Corrections to IMS over 5GS TCs 8.1 and 8.18 | Qualcomm CDMA Technologies | 34.229-5 | 0213 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214893 | Corrections to IMS over 5GS TC 7.14 | Qualcomm CDMA Technologies | 34.229-5 | 0214 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214960 | Addition of new IMS over 5GS TC 10.6 Non-UE detectable emergency call / IM CN sends 380 with an Alternative Service / Previous emergency IMS registration not expired / 5GS | Qualcomm communications-France | 34.229-5 | 0215 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216237 | Addition of new IMS over 5GS TC 10.6 Non-UE detectable emergency call / IM CN sends 380 with an Alternative Service / Previous emergency IMS registration not expired / 5GS | Qualcomm communications-France | 34.229-5 | 0215 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214970 | Generic test procedure for eCall setup and MSD Update in 5GS | Qualcomm communications-France | 34.229-5 | 0216 | - | Rel-16 | F | NR\_EIEI-UEConTest | revised |
| R5-216331 | Generic test procedure for eCall setup and MSD Update in 5GS | Qualcomm communications-France | 34.229-5 | 0216 | 1 | Rel-16 | F | NR\_EIEI-UEConTest | agreed |
| R5-214973 | Addition of new IMS over 5GS TC 11.1 eCall over IMS / Manual initiation / Normal registration / Emergency registration / Success / 200 OK with ACK / 5GS | Qualcomm communications-France | 34.229-5 | 0217 | - | Rel-16 | F | NR\_EIEI-UEConTest | revised |
| R5-216332 | Addition of new IMS over 5GS TC 11.1 eCall over IMS / Manual initiation / Normal registration / Emergency registration / Success / 200 OK with ACK / 5GS | Qualcomm communications-France | 34.229-5 | 0217 | 1 | Rel-16 | F | NR\_EIEI-UEConTest | agreed |
| R5-215150 | Update to Re-Registration test case 6.6 | Qualcomm communications-France | 34.229-5 | 0218 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216238 | Update to Re-Registration test case 6.6 | Qualcomm communications-France | 34.229-5 | 0218 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215152 | Update test case 7.4 | Ericsson | 34.229-5 | 0219 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215723 | Update test case 7.4 | Ericsson | 34.229-5 | 0219 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215162 | Update annex A.4.1 | Ericsson | 34.229-5 | 0220 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215768 | Update annex A.4.1 | Ericsson | 34.229-5 | 0220 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215496 | New IMS TC Data Off / MO Video Call / 5GS | Ericsson | 34.229-5 | 0221 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215760 | New IMS TC Data Off / MO Video Call / 5GS | Ericsson | 34.229-5 | 0221 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215497 | New IMS TC Data Off / MO Call / 5GS | Ericsson | 34.229-5 | 0222 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215761 | New IMS TC Data Off / MO Call / 5GS | Ericsson | 34.229-5 | 0222 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215606 | Addition of test case 10.4 | MediaTek Inc. | 34.229-5 | 0223 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216240 | Addition of test case 10.4 | MediaTek Inc. | 34.229-5 | 0223 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215611 | Addition of test case 10.9 | MediaTek Inc. | 34.229-5 | 0224 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216241 | Addition of test case 10.9 | MediaTek Inc. | 34.229-5 | 0224 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215686 | Correction to IMS video call test case 7.15 | Keysight Technologies, Qualcomm | 34.229-5 | 0225 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216242 | Correction to IMS video call test case 7.15 | Keysight Technologies, Qualcomm | 34.229-5 | 0225 | 1 | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215694 | To void the IMS registration test case 6.5 | Keysight Technologies UK | 34.229-5 | 0226 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214623 | Update to generic procedure 4.5A.5 for IMS Emergency call establishment in EUTRA: Limited Service | MCC TF160, Qualcomm | 36.508 | 1368 | - | Rel-16 | F | TEI9\_Test | agreed |
| R5-214938 | Addition of test frequency of CA\_66A-66A-66A | Rohde & Schwarz | 36.508 | 1369 | - | Rel-16 | F | LTE\_CA\_R15-UEConTest | agreed |
| R5-214976 | Addition of NB-IoT common configuration of System Information Block 23 | TDIA, CATT | 36.508 | 1370 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215108 | Update to GNSS nominal start time for V2X testing | Huawei, HiSilicon, Spirent | 36.508 | 1371 | - | Rel-16 | F | TEI14\_Test, LTE\_V2X-UEConTest | revised |
| R5-216003 | Update to GNSS nominal start time for V2X testing | Huawei, HiSilicon, Spirent | 36.508 | 1371 | 1 | Rel-16 | F | TEI14\_Test, LTE\_V2X-UEConTest | agreed |
| R5-215123 | Updates to default contents of NAS messages for RACS | Qualcomm communications-France | 36.508 | 1372 | - | Rel-16 | F | RACS-UEConTest | revised |
| R5-216280 | Updates to default contents of NAS messages for RACS | Qualcomm communications-France | 36.508 | 1372 | 1 | Rel-16 | F | RACS-UEConTest | agreed |
| R5-215174 | Updates to test frequencies for LTE band 24 | Ligado Networks | 36.508 | 1373 | - | Rel-17 | F | LTE\_B24\_mod-UEConTest | revised |
| R5-216082 | Updates to test frequencies for LTE band 24 | Ligado Networks | 36.508 | 1373 | 1 | Rel-17 | F | LTE\_B24\_mod-UEConTest | agreed |
| R5-215175 | Updates to signalling test frequencies for LTE band 24 | Ligado Networks | 36.508 | 1374 | - | Rel-17 | F | LTE\_B24\_mod-UEConTest | revised |
| R5-216335 | Updates to signalling test frequencies for LTE band 24 | Ligado Networks | 36.508 | 1374 | 1 | Rel-17 | F | LTE\_B24\_mod-UEConTest | agreed |
| R5-215491 | NB-IoT Test Frequency Corrections to align with RAN4 and US FCC | T-Mobile USA Inc., Qualcomm | 36.508 | 1375 | - | Rel-16 | F | TEI13\_Test, NB\_IOT-UEConTest | revised |
| R5-215823 | NB-IoT Test Frequency Corrections to align with RAN4 and US FCC | T-Mobile USA Inc., Qualcomm | 36.508 | 1375 | 1 | Rel-16 | F | TEI13\_Test, NB\_IOT-UEConTest | agreed |
| R5-215574 | Correction to LTE CA\_41E channel spacing | Qualcomm Austria RFFE GmbH | 36.508 | 1376 | - | Rel-16 | F | LTE\_CA\_R16-UEConTest | agreed |
| R5-214329 | Introduction of eFD-MIMO in FDD demod test with aperiodic ZP CSI-RS | Ericsson | 36.521-1 | 5322 | - | Rel-16 | F | LTE\_eFDMIMO-UEConTest | agreed |
| R5-214330 | Introduction of eFD-MIMO in TDD demod test with aperiodic ZP CSI-RS | Ericsson | 36.521-1 | 5323 | - | Rel-16 | F | LTE\_eFDMIMO-UEConTest | agreed |
| R5-214714 | Adding test point with subPRB allocation in test case 6.2.3EA, 6.6.2.1EA, 6.6.2.3EA | Ericsson | 36.521-1 | 5324 | - | Rel-16 | F | LTE\_eMTC4-UEConTest | agreed |
| R5-214716 | Added subPRB allocation to cat M1 test cases, 6.2.4EA, 6.6.2.2EA and 6.6.3EA.3 for NS\_07 | Ericsson | 36.521-1 | 5325 | - | Rel-16 | F | LTE\_eMTC4-UEConTest | agreed |
| R5-214717 | Brackets for MPR values for subPRB allocation removed | Ericsson | 36.521-1 | 5326 | - | Rel-16 | F | LTE\_eMTC4-UEConTest | agreed |
| R5-214718 | Correcting test point for subPRB allocation in test case 6.5.2.1EA.2 | Ericsson | 36.521-1 | 5327 | - | Rel-16 | F | LTE\_eMTC4-UEConTest | agreed |
| R5-214722 | Updates to Tx test case 6.6.3EA.2 for release-16 | Ericsson | 36.521-1 | 5328 | - | Rel-16 | F | LTE\_bands\_R16\_M1\_NB1-UEConTest | agreed |
| R5-214723 | Updates to Rx test cases 7.3EA, 7.6.1EA, 7.6.2EA for new release-16 bands for cat M1 | Ericsson | 36.521-1 | 5329 | - | Rel-16 | F | LTE\_bands\_R16\_M1\_NB1-UEConTest | agreed |
| R5-214843 | Cleanup for TS 36.521-1 spurious emission for UE co-existence table (non CA) | Apple Italia S.R.L. | 36.521-1 | 5330 | - | Rel-16 | F | TEI16\_Test | revised |
| R5-216004 | Cleanup for TS 36.521-1 spurious emission for UE co-existence table (non CA) | Apple Italia S.R.L. | 36.521-1 | 5330 | 1 | Rel-16 | F | TEI16\_Test | agreed |
| R5-214844 | Cleanup for TS 36.521-1 spurious emission for UE co-existence for CA tables | Apple Italia S.R.L. | 36.521-1 | 5331 | - | Rel-16 | F | TEI16\_Test | agreed |
| R5-214937 | Update of Rx Test Cases for CA\_66A-66A-66A | Rohde & Schwarz | 36.521-1 | 5332 | - | Rel-16 | F | LTE\_CA\_R15-UEConTest | revised |
| R5-215922 | Update of Rx Test Cases for CA\_66A-66A-66A | Rohde & Schwarz | 36.521-1 | 5332 | 1 | Rel-16 | F | LTE\_CA\_R15-UEConTest | agreed |
| R5-215040 | Addition of band 42 and 43 to A-MPR tests for a UE category M2 | Ericsson | 36.521-1 | 5333 | - | Rel-16 | F | LTE\_bands\_R16\_M2\_NB2-UEConTest | agreed |
| R5-215106 | Adding NB TDD testing into 7.6.1F | Huawei, HiSilicon | 36.521-1 | 5334 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215109 | Cleaning up UE categories requirement for 16QAM test points | Huawei, HiSilicon | 36.521-1 | 5335 | - | Rel-16 | F | TEI8\_Test | agreed |
| R5-215121 | Editorial, removing empty lines in table | Ericsson | 36.521-1 | 5336 | - | Rel-16 | F | TEI13\_Test | withdrawn |
| R5-215122 | Editorial, correcting format in test case 6.6.3EA.3 | Ericsson | 36.521-1 | 5337 | - | Rel-16 | F | TEI13\_Test | agreed |
| R5-215146 | Update of Test Case 6.2.4A.4 Additional Maximum Power Reduction (A-MPR) for CA (3UL CA) | SGS Wireless | 36.521-1 | 5338 | - | Rel-16 | F | LTE\_CA\_R14-UEConTest | revised |
| R5-216026 | Update of Test Case 6.2.4A.4 Additional Maximum Power Reduction (A-MPR) for CA (3UL CA) | SGS Wireless | 36.521-1 | 5338 | 1 | Rel-16 | F | LTE\_CA\_R14-UEConTest | agreed |
| R5-215177 | Updates to LTE band 24 - common | Ligado Networks | 36.521-1 | 5339 | - | Rel-17 | F | LTE\_B24\_mod-UEConTest | revised |
| R5-215993 | Updates to LTE band 24 - common | Ligado Networks | 36.521-1 | 5339 | 1 | Rel-17 | F | LTE\_B24\_mod-UEConTest | agreed |
| R5-215178 | Updates to MOP and MPR test cases for LTE band 24 | Ligado Networks | 36.521-1 | 5340 | - | Rel-17 | F | LTE\_B24\_mod-UEConTest | revised |
| R5-215994 | Updates to MOP and MPR test cases for LTE band 24 | Ligado Networks | 36.521-1 | 5340 | 1 | Rel-17 | F | LTE\_B24\_mod-UEConTest | agreed |
| R5-215179 | Updates to A-MPR test cases for LTE band 24 | Ligado Networks | 36.521-1 | 5341 | - | Rel-17 | F | LTE\_B24\_mod-UEConTest | revised |
| R5-215995 | Updates to A-MPR test cases for LTE band 24 | Ligado Networks | 36.521-1 | 5341 | 1 | Rel-17 | F | LTE\_B24\_mod-UEConTest | agreed |
| R5-215181 | Updates to Additional Spurious Emission test cases for LTE Band 24 | Ligado Networks | 36.521-1 | 5342 | - | Rel-17 | F | LTE\_B24\_mod-UEConTest | revised |
| R5-215996 | Updates to Additional Spurious Emission test cases for LTE Band 24 | Ligado Networks | 36.521-1 | 5342 | 1 | Rel-17 | F | LTE\_B24\_mod-UEConTest | agreed |
| R5-215186 | Updates to reference sensitivity test case for LTE band 24 | Ligado Networks | 36.521-1 | 5343 | - | Rel-17 | F | LTE\_B24\_mod-UEConTest | revised |
| R5-215997 | Updates to reference sensitivity test case for LTE band 24 | Ligado Networks | 36.521-1 | 5343 | 1 | Rel-17 | F | LTE\_B24\_mod-UEConTest | agreed |
| R5-215187 | Updates to In-band blocking test case for LTE band 24 | Ligado Networks | 36.521-1 | 5344 | - | Rel-17 | F | LTE\_B24\_mod-UEConTest | revised |
| R5-215998 | Updates to In-band blocking test case for LTE band 24 | Ligado Networks | 36.521-1 | 5344 | 1 | Rel-17 | F | LTE\_B24\_mod-UEConTest | agreed |
| R5-215331 | Correction to Reference Channel Parameters in UE Category M1 | Anritsu | 36.521-1 | 5345 | - | Rel-16 | F | LTE\_eMTC4-UEConTest | agreed |
| R5-215361 | Updates to Tx test case 6.6.3EC.2 for release-16 | Ericsson | 36.521-1 | 5346 | - | Rel-16 | F | LTE\_bands\_R16\_M2\_NB2-UEConTest | agreed |
| R5-215374 | Update to V2X test cases | Bureau Veritas, Huawei, HiSilicon | 36.521-1 | 5347 | - | Rel-16 | F | TEI14\_Test, LTE\_V2X-UEConTest | agreed |
| R5-215482 | Editorial corrections in Reference Sensitivity for CA tests | ROHDE & SCHWARZ | 36.521-1 | 5348 | - | Rel-16 | F | TEI13\_Test | agreed |
| R5-215483 | Update of MPR, ACLR, SEM CA test cases | ROHDE & SCHWARZ | 36.521-1 | 5349 | - | Rel-16 | F | TEI10\_Test | revised |
| R5-216005 | Update of MPR, ACLR, SEM CA test cases | ROHDE & SCHWARZ | 36.521-1 | 5349 | 1 | Rel-16 | F | TEI10\_Test | agreed |
| R5-215484 | Correction for CA\_21A-28A in test case 7.3A.3 | ROHDE & SCHWARZ | 36.521-1 | 5350 | - | Rel-16 | F | LTE\_CA\_R14-UEConTest | agreed |
| R5-214331 | Applicability for eFD-MIMO demod test cases | Ericsson | 36.521-2 | 0964 | - | Rel-16 | F | LTE\_eFDMIMO-UEConTest | agreed |
| R5-215270 | Update to applicability TDD FDD 6DL CA Performance test cases | DEKRA | 36.521-2 | 0965 | - | Rel-16 | F | LTE\_CA\_R15-UEConTest | revised |
| R5-215923 | Update to applicability TDD FDD 6DL CA Performance test cases | DEKRA | 36.521-2 | 0965 | 1 | Rel-16 | F | LTE\_CA\_R15-UEConTest | agreed |
| R5-215375 | Update to applicability table of V2X test cases | Bureau Veritas, Huawei, HiSilicon | 36.521-2 | 0966 | - | Rel-16 | F | TEI14\_Test, LTE\_V2X-UEConTest | agreed |
| R5-215577 | Introduction of SCell hibernation RRM Testcase Applicabilities | Nokia, Nokia Shanghai Bell | 36.521-2 | 0967 | - | Rel-16 | F | LTE\_euCA-UEConTest | agreed |
| R5-214925 | Correction of eMTC PRACH tests | ROHDE & SCHWARZ | 36.521-3 | 2587 | - | Rel-16 | F | TEI13\_Test | agreed |
| R5-215001 | Addition of BG\_offset definition for LTE band groups | Huawei,Hisilicon | 36.521-3 | 2588 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215107 | Removing editors note from NB TDD RLM test cases | Huawei, HiSilicon, Sporton | 36.521-3 | 2589 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | revised |
| R5-216140 | Removing editors note from NB TDD RLM test cases | Huawei, HiSilicon, Sporton | 36.521-3 | 2589 | 1 | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215271 | Update applicability of TC 9.2.58 | DEKRA | 36.521-3 | 2590 | - | Rel-16 | F | LTE\_CA\_R15-UEConTest | revised |
| R5-215924 | Update applicability of TC 9.2.58 | DEKRA | 36.521-3 | 2590 | 1 | Rel-16 | F | LTE\_CA\_R15-UEConTest | agreed |
| R5-215552 | New testcase for E-UTRAN FDD hibernation and activation of known SCell in Non-DRX | Nokia, Nokia Shanghai Bell | 36.521-3 | 2591 | - | Rel-16 | F | LTE\_euCA-UEConTest | agreed |
| R5-215553 | New testcase for E-UTRAN FDD hibernation and activation of unknown SCell in Non-DRX | Nokia, Nokia Shanghai Bell | 36.521-3 | 2592 | - | Rel-16 | F | LTE\_euCA-UEConTest | agreed |
| R5-215554 | New testcase for E-UTRAN TDD hibernation and activation of known SCell in Non-DRX | Nokia, Nokia Shanghai Bell | 36.521-3 | 2593 | - | Rel-16 | F | LTE\_euCA-UEConTest | agreed |
| R5-215561 | New testcase for E-UTRAN TDD hibernation and activation of unknown SCell in Non-DRX | Nokia, Nokia Shanghai Bell | 36.521-3 | 2594 | - | Rel-16 | F | LTE\_euCA-UEConTest | agreed |
| R5-214217 | Update test case 7.3.5.6 | Ericsson | 36.523-1 | 5026 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-216248 | Update test case 7.3.5.6 | Ericsson | 36.523-1 | 5026 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-214438 | Correction to LTE testcase 7.2.2.8 | ROHDE & SCHWARZ | 36.523-1 | 5027 | - | Rel-16 | F | TEI8\_Test | agreed |
| R5-214439 | Correction to NBIOT testcase 22.5.21 | ROHDE & SCHWARZ | 36.523-1 | 5028 | - | Rel-16 | F | TEI14\_Test, NB\_IOTenh-UEConTest | agreed |
| R5-214459 | Update Test Cases 8.1.1.8 and 8.1.1.9 to specify PowerBoost for WUS configuration | Tech Mahindra Limited | 36.523-1 | 5029 | - | Rel-16 | F | LTE\_eMTC4-UEConTest | agreed |
| R5-214517 | Update NB-IoT test case 22.2.4 for TDD | CATT, TDIA | 36.523-1 | 5030 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-214518 | Update NB-IoT test case 22.2.5 for TDD | CATT, TDIA | 36.523-1 | 5031 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-214535 | Add new TC 8.2.4.30.4 Inter Frequency DAPS handover | China Telecom | 36.523-1 | 5032 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-216249 | Add new TC 8.2.4.30.4 Inter Frequency DAPS handover | China Telecom | 36.523-1 | 5032 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-214537 | Update on TC 8.2.4.30.1 intra-frequency DAPS handover | China Telecom | 36.523-1 | 5033 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-216250 | Update on TC 8.2.4.30.1 intra-frequency DAPS handover | China Telecom | 36.523-1 | 5033 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-214585 | Correction to EUTRA RRC test case 8.6.4.5 | Keysight Technologies UK | 36.523-1 | 5034 | - | Rel-16 | F | TEI10\_Test | agreed |
| R5-214799 | Addition of LTE TC 8.2.4.31.3-Conditional handover Failure | Huawei, Hisilicon | 36.523-1 | 5035 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-216251 | Addition of LTE TC 8.2.4.31.3-Conditional handover Failure | Huawei, Hisilicon | 36.523-1 | 5035 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-214867 | Addition of new test case 8.2.4.30.2 | ZTE Corporation | 36.523-1 | 5036 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-216252 | Addition of new test case 8.2.4.30.2 | ZTE Corporation | 36.523-1 | 5036 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-214868 | Addition of new test case 8.2.4.30.3 | ZTE Corporation | 36.523-1 | 5037 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-216253 | Addition of new test case 8.2.4.30.3 | ZTE Corporation | 36.523-1 | 5037 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-214869 | Addition of new test case 8.2.4.30.5 | ZTE Corporation | 36.523-1 | 5038 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-216254 | Addition of new test case 8.2.4.30.5 | ZTE Corporation | 36.523-1 | 5038 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-214870 | Addition of new test case 8.2.4.30.6 | ZTE Corporation | 36.523-1 | 5039 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-216255 | Addition of new test case 8.2.4.30.6 | ZTE Corporation | 36.523-1 | 5039 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-215042 | Update NB-IoT test case 22.2.9 for TDD | TDIA, CATT | 36.523-1 | 5040 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215044 | Addition of new NB-IoT test case for NB-IoT / RACH Procedure / Non-anchor carrier / Preamble format 2 | CATT, TDIA | 36.523-1 | 5041 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | revised |
| R5-215724 | Addition of new NB-IoT test case for NB-IoT / RACH Procedure / Non-anchor carrier / Preamble format 2 | CATT, TDIA | 36.523-1 | 5041 | 1 | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215050 | Update NB-IoT test case 22.3.1.1 for TDD | TDIA, CATT | 36.523-1 | 5042 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215053 | Update NB-IoT test case 22.3.1.6 and 22.3.1.6a for TDD | TDIA, CATT | 36.523-1 | 5043 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215054 | Update NB-IoT test case 22.3.1.7 for TDD | TDIA, CATT | 36.523-1 | 5044 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215118 | Update NB-IoT test case 22.3.1.8 for TDD | TDIA, CATT | 36.523-1 | 5045 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215120 | Correction to NB-IoT test case 22.3.2.8 | TDIA, CATT | 36.523-1 | 5046 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215124 | Update NB-IoT test case 22.4.1 for TDD | CATT, TDIA | 36.523-1 | 5047 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | revised |
| R5-216245 | Update NB-IoT test case 22.4.1 for TDD | CATT, TDIA | 36.523-1 | 5047 | 1 | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215125 | Update NB-IoT test case 22.4.4 for TDD | CATT, TDIA | 36.523-1 | 5048 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215126 | Update NB-IoT test case 22.4.5 for TDD | CATT, TDIA | 36.523-1 | 5049 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215127 | Update NB-IoT test case 22.4.6 for TDD | CATT, TDIA | 36.523-1 | 5050 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215139 | Addition of Rel-16 RACS RRC test case 8.5.5.1 | Qualcomm communications-France | 36.523-1 | 5051 | - | Rel-16 | F | RACS-UEConTest | revised |
| R5-216281 | Addition of Rel-16 RACS RRC test case 8.5.5.1 | Qualcomm communications-France | 36.523-1 | 5051 | 1 | Rel-16 | F | RACS-UEConTest | agreed |
| R5-215155 | Update NB-IoT test case 22.4.8 for TDD | CATT, TDIA | 36.523-1 | 5052 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215156 | Update NB-IoT test case 22.4.9 for TDD | CATT, TDIA | 36.523-1 | 5053 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215157 | Update NB-IoT test case 22.4.26 for TDD | CATT, TDIA | 36.523-1 | 5054 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215158 | Update NB-IoT test case 22.4.13 for Rel-15 | TDIA, CATT | 36.523-1 | 5055 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | revised |
| R5-216246 | Update NB-IoT test case 22.4.13 for Rel-15 | TDIA, CATT | 36.523-1 | 5055 | 1 | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215159 | Update NB-IoT test case 22.5.8 for TDD | TDIA, CATT | 36.523-1 | 5056 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | revised |
| R5-216247 | Update NB-IoT test case 22.5.8 for TDD | TDIA, CATT | 36.523-1 | 5056 | 1 | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-215690 | Correction to LTE Idle mode TC 6.1.2.13 for CAT-M1 | ANRITSU LTD | 36.523-1 | 5057 | - | Rel-16 | F | TEI8\_Test, LTE\_MTCe2\_L1-UEConTest | revised |
| R5-216337 | Correction to LTE Idle mode TC 6.1.2.13 for CAT-M1 | ANRITSU LTD | 36.523-1 | 5057 | 1 | Rel-16 | F | TEI8\_Test, LTE\_MTCe2\_L1-UEConTest | agreed |
| R5-214403 | Aligning PICS usage for IMS emergency calls | ROHDE & SCHWARZ | 36.523-2 | 1351 | - | Rel-16 | F | TEI9\_Test | revised |
| R5-215727 | Aligning PICS usage for IMS emergency calls | ROHDE & SCHWARZ | 36.523-2 | 1351 | 1 | Rel-16 | F | TEI9\_Test | withdrawn |
| R5-214516 | Update applicability for NB-IoT R15 (FDD/TDD) test cases | CATT, TDIA | 36.523-2 | 1352 | - | Rel-16 | F | NB\_IOTenh2-UEConTest | agreed |
| R5-214536 | Correction on applicability for DAPS inter frequency handover | China Telecom | 36.523-2 | 1353 | - | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-214552 | Resubmission of Correction to applicability of test case 9.2.1.1.28 | ETSI MCC (Rohde&Schwarz) | 36.523-2 | 1354 | - | Rel-16 | F | TEI8\_Test | agreed |
| R5-214871 | Addition of applicability for new TCs 8.2.4.30.2, 8.2.4.30.3, 8.2.4.30.5 and 8.2.4.30.6 | ZTE Corporation | 36.523-2 | 1355 | - | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-215117 | Applicability updates to EIEI test cases | Qualcomm communications-France | 36.523-2 | 1356 | - | Rel-16 | F | TEI14\_Test, EIEI-UEConTest | agreed |
| R5-215140 | Applicability updates for Rel-16 RACS RRC test cases | Qualcomm communications-France | 36.523-2 | 1357 | - | Rel-16 | F | RACS-UEConTest | agreed |
| R5-215147 | Update to applicability condition of NB-IoT test case 22.5.20 | Qualcomm communications-France | 36.523-2 | 1358 | - | Rel-16 | F | TEI14\_Test, NB\_IOTenh-UEConTest | withdrawn |
| R5-215260 | Correction to applicability for LTE feMob | Huawei, Hisilicon | 36.523-2 | 1359 | - | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-214624 | Routine maintenance for TS 37.571-4 | MCC TF160 | 36.523-3 | 4636 | - | Rel-16 | F | TEI9\_Test | withdrawn |
| R5-215176 | Updates to guidelines on test execution for LTE Band 24 | Ligado Networks | 36.523-3 | 4638 | - | Rel-17 | F | LTE\_B24\_mod-UEConTest | revised |
| R5-216336 | Updates to guidelines on test execution for LTE Band 24 | Ligado Networks | 36.523-3 | 4638 | 1 | Rel-17 | F | LTE\_B24\_mod-UEConTest | agreed |
| R5-215401 | Routine maintenance for TS 36.523-3 | MCC TF160 | 36.523-3 | 4639 | - | Rel-16 | F | TEI8\_Test | agreed |
| R5-214625 | Addition of clause 5.3.27 - Generic Test Procedure for MCPTT CO Temporary Group Creation | MCC TF160 | 36.579-1 | 0154 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214626 | Addition of clause 5.3.28 - Generic Test Procedure for MCPTT CO Temporary Group Tear Down | MCC TF160 | 36.579-1 | 0155 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214627 | Addition of clause 5.3.29 - Generic Test Procedure for MCPTT Subscription and Notification | MCC TF160 | 36.579-1 | 0156 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215728 | Addition of clause 5.3.29 - Generic Test Procedure for MCPTT Subscription and Notification | MCC TF160 | 36.579-1 | 0156 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214628 | Correction of clause 5.3.15 – Generic Test Procedure for MCPTT CO session modification without implicit Floor Control | MCC TF160 | 36.579-1 | 0157 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215729 | Correction of clause 5.3.15 – Generic Test Procedure for MCPTT CO session modification without implicit Floor Control | MCC TF160 | 36.579-1 | 0157 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214629 | Correction of clause 5.3.22 - Generic Test Procedure for NW initiated temporary group creation | MCC TF160 | 36.579-1 | 0158 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215730 | Correction of clause 5.3.22 - Generic Test Procedure for NW initiated temporary group creation | MCC TF160 | 36.579-1 | 0158 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214630 | Correction of clause 5.3.24 - Generic Test Procedure for UE intitated MCPTT functional alias status determination and subscription | MCC TF160 | 36.579-1 | 0159 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214631 | Correction of clause 5.3.25 - Generic Test Procedure for UE inititated MCPTT functional alias status change | MCC TF160 | 36.579-1 | 0160 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214632 | Correction of clause 5.3.26 - Generic Test Procedure for MCPTT CO Group Creation | MCC TF160 | 36.579-1 | 0161 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214633 | Correction of clause 5.3.3 – Generic Test Procedure for MCPTT pre-established session establishment CO | MCC TF160 | 36.579-1 | 0162 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214634 | Correction of clause 5.5.1 – General | MCC TF160 | 36.579-1 | 0163 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215731 | Correction of clause 5.5.1 – General | MCC TF160 | 36.579-1 | 0163 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214635 | Correction of clause 5.5.2.11 – SIP PUBLISH | MCC TF160 | 36.579-1 | 0164 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214636 | Correction of clause 5.5.2.14 – SIP SUBSCRIBE | MCC TF160 | 36.579-1 | 0165 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215732 | Correction of clause 5.5.2.14 – SIP SUBSCRIBE | MCC TF160 | 36.579-1 | 0165 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214637 | Correction of clause 5.5.2.5 – SIP INVITE | MCC TF160 | 36.579-1 | 0166 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215733 | Correction of clause 5.5.2.5 – SIP INVITE | MCC TF160 | 36.579-1 | 0166 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214638 | Correction of clause 5.5.2.8 – SIP NOTIFY | MCC TF160 | 36.579-1 | 0167 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215734 | Correction of clause 5.5.2.8 – SIP NOTIFY | MCC TF160 | 36.579-1 | 0167 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214639 | Correction of clause 5.5.3.1 – SDP Message | MCC TF160 | 36.579-1 | 0168 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215735 | Correction of clause 5.5.3.1 – SDP Message | MCC TF160 | 36.579-1 | 0168 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214640 | Correction of clause 5.5.3.11 – PoC-Settings | MCC TF160 | 36.579-1 | 0169 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215736 | Correction of clause 5.5.3.11 – PoC-Settings | MCC TF160 | 36.579-1 | 0169 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214641 | Correction of clause 5.5.3.12 – XCAP-DIFF | MCC TF160 | 36.579-1 | 0170 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215737 | Correction of clause 5.5.3.12 – XCAP-DIFF | MCC TF160 | 36.579-1 | 0170 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214642 | Correction of clause 5.5.3.2 – MCS Info Lists | MCC TF160 | 36.579-1 | 0171 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215738 | Correction of clause 5.5.3.2 – MCS Info Lists | MCC TF160 | 36.579-1 | 0171 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214643 | Correction of clause 5.5.3.3 – Resource Lists | MCC TF160 | 36.579-1 | 0172 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215739 | Correction of clause 5.5.3.3 – Resource Lists | MCC TF160 | 36.579-1 | 0172 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214644 | Correction of clause 5.5.3.5 – PIDF | MCC TF160 | 36.579-1 | 0173 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215740 | Correction of clause 5.5.3.5 – PIDF | MCC TF160 | 36.579-1 | 0173 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214645 | Correction of clause 5.5.4.1 – General conditions | MCC TF160 | 36.579-1 | 0174 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215741 | Correction of clause 5.5.4.1 – General conditions | MCC TF160 | 36.579-1 | 0174 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214646 | Correction of clause 5.5.4.3 - HTTP POST | MCC TF160 | 36.579-1 | 0175 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214647 | Correction of clause 5.5.4.4 - HTTP PUT | MCC TF160 | 36.579-1 | 0176 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215742 | Correction of clause 5.5.4.4 - HTTP PUT | MCC TF160 | 36.579-1 | 0176 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214648 | Correction of clause 5.5.4.5 - HTTP DELETE | MCC TF160 | 36.579-1 | 0177 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215743 | Correction of clause 5.5.4.5 - HTTP DELETE | MCC TF160 | 36.579-1 | 0177 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214649 | Correction of clause 5.5.4.6 - HTTP 200 (OK) | MCC TF160 | 36.579-1 | 0178 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215744 | Correction of clause 5.5.4.6 - HTTP 200 (OK) | MCC TF160 | 36.579-1 | 0178 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214650 | Correction of clause 5.5.4.7 - HTTP 201 (Created) | MCC TF160 | 36.579-1 | 0179 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215745 | Correction of clause 5.5.4.7 - HTTP 201 (Created) | MCC TF160 | 36.579-1 | 0179 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214651 | Correction of clause 5.5.6.7 - Floor Taken | MCC TF160 | 36.579-1 | 0180 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215746 | Correction of clause 5.5.6.7 - Floor Taken | MCC TF160 | 36.579-1 | 0180 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214652 | Correction of clause 5.5.7.1 - MCPTT Group Configuration | MCC TF160 | 36.579-1 | 0181 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215747 | Correction of clause 5.5.7.1 - MCPTT Group Configuration | MCC TF160 | 36.579-1 | 0181 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214918 | MCX IUT | MCC TF160 | 36.579-1 | 0182 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-215370 | Correction of General extension payload in Mikey message | Motorola Solutions | 36.579-1 | 0183 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-215383 | Correction of XCAP Root URI in HTTP GET Requests | Motorola Solutions | 36.579-1 | 0184 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-215602 | Addition of MIKEY-SAKKE I\_MESSAGE Table 5.5.9.1-1A CSK download sent by the SS | NIST | 36.579-1 | 0185 | - | Rel-15 | F | MCenhUEConTest | revised |
| R5-216282 | Addition of MIKEY-SAKKE I\_MESSAGE Table 5.5.9.1-1A CSK download sent by the SS | NIST | 36.579-1 | 0185 | 1 | Rel-15 | F | MCenhUEConTest | agreed |
| R5-214653 | Correction of MCPTT test case 5.2 | MCC TF160 | 36.579-2 | 0183 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214654 | Correction of MCPTT test case 5.3 | MCC TF160 | 36.579-2 | 0184 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214655 | Correction of MCPTT test case 5.4 | MCC TF160 | 36.579-2 | 0185 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214656 | Correction of MCPTT test case 5.5 | MCC TF160 | 36.579-2 | 0186 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215748 | Correction of MCPTT test case 5.5 | MCC TF160 | 36.579-2 | 0186 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214657 | Correction of MCPTT test case 5.8 | MCC TF160 | 36.579-2 | 0187 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215749 | Correction of MCPTT test case 5.8 | MCC TF160 | 36.579-2 | 0187 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214658 | Correction of MCPTT test case 6.1.1.10 | MCC TF160 | 36.579-2 | 0188 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | withdrawn |
| R5-214659 | Correction of MCPTT test case 6.1.1.15 | MCC TF160 | 36.579-2 | 0189 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215750 | Correction of MCPTT test case 6.1.1.15 | MCC TF160 | 36.579-2 | 0189 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214660 | Correction of MCPTT test case 6.1.1.16 | MCC TF160 | 36.579-2 | 0190 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215751 | Correction of MCPTT test case 6.1.1.16 | MCC TF160 | 36.579-2 | 0190 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214661 | Correction of MCPTT test case 6.1.1.19 | MCC TF160 | 36.579-2 | 0191 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214662 | Correction of MCPTT test case 6.1.1.20 | MCC TF160 | 36.579-2 | 0192 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214663 | Correction of MCPTT test case 6.1.1.21 | MCC TF160 | 36.579-2 | 0193 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215752 | Correction of MCPTT test case 6.1.1.21 | MCC TF160 | 36.579-2 | 0193 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214664 | Correction of MCPTT test case 6.1.1.3 | MCC TF160 | 36.579-2 | 0194 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214665 | Correction of MCPTT test case 6.1.2.13 | MCC TF160 | 36.579-2 | 0195 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214666 | Correction of MCPTT test case 6.1.2.14 | MCC TF160 | 36.579-2 | 0196 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214667 | Correction of MCPTT test case 6.2.12 | MCC TF160 | 36.579-2 | 0197 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214668 | Correction of MCPTT test case 6.2.14 | MCC TF160 | 36.579-2 | 0198 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214669 | Correction of MCPTT test case 6.2.15 | MCC TF160 | 36.579-2 | 0199 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215753 | Correction of MCPTT test case 6.2.15 | MCC TF160 | 36.579-2 | 0199 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214670 | Correction of MCPTT test case 6.2.16 | MCC TF160 | 36.579-2 | 0200 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215754 | Correction of MCPTT test case 6.2.16 | MCC TF160 | 36.579-2 | 0200 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214671 | Correction of MCPTT test case 6.2.17 | MCC TF160 | 36.579-2 | 0201 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215755 | Correction of MCPTT test case 6.2.17 | MCC TF160 | 36.579-2 | 0201 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214672 | Correction of MCPTT test case 6.2.20 | MCC TF160 | 36.579-2 | 0202 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215756 | Correction of MCPTT test case 6.2.20 | MCC TF160 | 36.579-2 | 0202 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214673 | Correction of MCPTT test case 6.2.21 | MCC TF160 | 36.579-2 | 0203 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215757 | Correction of MCPTT test case 6.2.21 | MCC TF160 | 36.579-2 | 0203 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214674 | Correction of MCPTT test case 6.2.22 | MCC TF160 | 36.579-2 | 0204 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-215758 | Correction of MCPTT test case 6.2.22 | MCC TF160 | 36.579-2 | 0204 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214675 | Correction of MCPTT test case 6.2.23 | MCC TF160 | 36.579-2 | 0205 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | withdrawn |
| R5-214676 | Correction of MCPTT test case 6.3.2 | MCC TF160 | 36.579-2 | 0206 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-216342 | Correction of MCPTT test case 6.3.2 | MCC TF160 | 36.579-2 | 0206 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-215600 | Addition of MCPTT Test Case 5.6 Configuration / Download CSK | NIST | 36.579-2 | 0207 | - | Rel-15 | F | MCenhUEConTest | revised |
| R5-216283 | Addition of MCPTT Test Case 5.6 Configuration / Download CSK | NIST | 36.579-2 | 0207 | 1 | Rel-15 | F | MCenhUEConTest | agreed |
| R5-215601 | Addition of MCPTT Test Case 5.7 Configuration / Subscription to group dynamic data / De-subscribe | NIST | 36.579-2 | 0208 | - | Rel-15 | F | MCenhUEConTest | agreed |
| R5-215492 | Misc. updates to test case applicability and PICS | MCC TF160 | 36.579-4 | 0017 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-214677 | Routine maintenance for TS 36.579-5 | MCC TF160 | 36.579-5 | 0019 | - | Rel-14 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-216343 | Routine maintenance for TS 36.579-5 | MCC TF160 | 36.579-5 | 0019 | 1 | Rel-14 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-215587 | Correction to MCVideo Test Case 6.1.2.1 | NIST | 36.579-6 | 0018 | - | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | revised |
| R5-216344 | Correction to MCVideo Test Case 6.1.2.1 | NIST | 36.579-6 | 0018 | 1 | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | agreed |
| R5-215588 | Correction to MCVideo Test Case 6.1.2.2 | NIST | 36.579-6 | 0019 | - | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | revised |
| R5-216345 | Correction to MCVideo Test Case 6.1.2.2 | NIST | 36.579-6 | 0019 | 1 | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | agreed |
| R5-215589 | Correction to MCVideo Test Case 6.1.2.3 | NIST | 36.579-6 | 0020 | - | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | revised |
| R5-216346 | Correction to MCVideo Test Case 6.1.2.3 | NIST | 36.579-6 | 0020 | 1 | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | agreed |
| R5-215590 | Correction to MCVideo Test Case 6.1.2.4 | NIST | 36.579-6 | 0021 | - | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | revised |
| R5-216347 | Correction to MCVideo Test Case 6.1.2.4 | NIST | 36.579-6 | 0021 | 1 | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | agreed |
| R5-215591 | Correction to MCVideo Test Case 6.2.1 | NIST | 36.579-6 | 0022 | - | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | revised |
| R5-216348 | Correction to MCVideo Test Case 6.2.1 | NIST | 36.579-6 | 0022 | 1 | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | agreed |
| R5-215592 | Correction to MCVideo Test Case 6.2.2 | NIST | 36.579-6 | 0023 | - | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | revised |
| R5-216349 | Correction to MCVideo Test Case 6.2.2 | NIST | 36.579-6 | 0023 | 1 | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | agreed |
| R5-215593 | Correction to MCVideo Test Case 6.2.3 | NIST | 36.579-6 | 0024 | - | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | agreed |
| R5-215594 | Correction to MCVideo Test Case 6.2.4 | NIST | 36.579-6 | 0025 | - | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | agreed |
| R5-215595 | Correction to MCVideo Test Case 6.2.5 | NIST | 36.579-6 | 0026 | - | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | agreed |
| R5-215596 | Correction to MCVideo Test Case 6.2.6 | NIST | 36.579-6 | 0027 | - | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | agreed |
| R5-215597 | Correction to MCVideo Test Case 6.2.7 | NIST | 36.579-6 | 0028 | - | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | revised |
| R5-216350 | Correction to MCVideo Test Case 6.2.7 | NIST | 36.579-6 | 0028 | 1 | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | agreed |
| R5-215598 | Correction to MCVideo Test Case 6.2.8 | NIST | 36.579-6 | 0029 | - | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | revised |
| R5-216351 | Correction to MCVideo Test Case 6.2.8 | NIST | 36.579-6 | 0029 | 1 | Rel-15 | F | TEI15\_Test, MCImp-UEConTest | agreed |
| R5-215599 | Addition of MCVideo Test Case 6.1.2.5 On-network / On-demand Pre-arranged Group Call / Emergency Group Call / Client Originated (CO) | NIST | 36.579-6 | 0030 | - | Rel-15 | F | MCenhUEConTest | agreed |
| R5-215151 | Removal of technical content in 36.579-7 v14.2.0 and substitution with pointer to the next Release | ETSI | 36.579-7 | 0005 | - | Rel-14 | F | TEI14\_Test | agreed |
| R5-214719 | Test point analysis for cat M1 subPRB allocation NS\_07 | Ericsson | 36.905 | 0242 | - | Rel-16 | F | LTE\_eMTC4-UEConTest | agreed |
| R5-215267 | Update of D.2 | Intertek | 37.544 | 0031 | - | Rel-16 | F | TEI14\_Test | agreed |
| R5-214558 | Addition of Multi-RTT, Dl-AoD and DL-TDOA positioning method test conditions | CATT | 37.571-1 | 0338 | - | Rel-16 | F | NR\_pos-UEConTest | revised |
| R5-215973 | Addition of Multi-RTT, Dl-AoD and DL-TDOA positioning method test conditions | CATT | 37.571-1 | 0338 | 1 | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-214559 | Introduction of NR RSTD measurement requirements test cases | CATT | 37.571-1 | 0339 | - | Rel-16 | F | NR\_pos-UEConTest | withdrawn |
| R5-214560 | Addition of conditions for NR PRS-based measurements and connection diagrams | CATT | 37.571-1 | 0340 | - | Rel-16 | F | NR\_pos-UEConTest | revised |
| R5-215974 | Addition of conditions for NR PRS-based measurements and connection diagrams | CATT | 37.571-1 | 0340 | 1 | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-215363 | Update number of satellites for multi-GNSS for LTE tests | ROHDE & SCHWARZ, MediaTek Inc. | 37.571-1 | 0341 | - | Rel-16 | F | TEI9\_Test | withdrawn |
| R5-215364 | Update number of satellites for multi-GNSS for NR tests | ROHDE & SCHWARZ, MediaTek Inc. | 37.571-1 | 0342 | - | Rel-16 | F | TEI15\_Test | withdrawn |
| R5-214182 | Update applicability for OTDOA (LTE) test cases for NR | Spirent Communications | 37.571-2 | 0146 | - | Rel-16 | F | TEI15\_Test | withdrawn |
| R5-214561 | Correction to NR positioning method information in Position Capability Transfer test case | CATT | 37.571-2 | 0147 | - | Rel-16 | F | NR\_pos-UEConTest | revised |
| R5-216322 | Correction to NR positioning method information in Position Capability Transfer test case | CATT | 37.571-2 | 0147 | 1 | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-214562 | Addition of assistance data information elements for Multi-RTT, DL-AoD and DL-TDOA positioning methods | CATT | 37.571-2 | 0148 | - | Rel-16 | F | NR\_pos-UEConTest | revised |
| R5-216323 | Addition of assistance data information elements for Multi-RTT, DL-AoD and DL-TDOA positioning methods | CATT | 37.571-2 | 0148 | 1 | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-215154 | Clarifications for OTDOA (LTE) test cases for NR | Spirent Communications | 37.571-2 | 0149 | - | Rel-16 | F | TEI15\_Test | agreed |
| R5-215556 | Clarification text on LCS Sub-Test Cases | Apple Gesellschaft | 37.571-2 | 0150 | - | Rel-16 | F | NR\_pos-UEConTest | withdrawn |
| R5-215616 | Clarification text on LCS Sub-Test Cases | Apple Gesellschaft | 37.571-2 | 0151 | - | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-214181 | Corrections to PICS for OTDOA and ECID | Spirent Communications | 37.571-3 | 0140 | - | Rel-16 | F | TEI15\_Test | agreed |
| R5-214183 | Update applicability for OTDOA (LTE) test cases for NR | Spirent Communications | 37.571-3 | 0141 | - | Rel-16 | F | TEI15\_Test | withdrawn |
| R5-214563 | Addition of test applicabilities and additional information for NR RSTD measurement test cases | CATT | 37.571-3 | 0142 | - | Rel-16 | F | NR\_pos-UEConTest | withdrawn |
| R5-214564 | Correction to the definetions of NR Rel 16 positioning meithod related PICS | CATT | 37.571-3 | 0143 | - | Rel-16 | F | NR\_pos-UEConTest | revised |
| R5-216324 | Correction to the definetions of NR Rel 16 positioning meithod related PICS | CATT | 37.571-3 | 0143 | 1 | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-215153 | Update applicability for OTDOA (LTE) test cases for NR | Spirent Communications | 37.571-3 | 0144 | - | Rel-16 | F | TEI15\_Test | agreed |
| R5-214729 | Routine maintenance for TS 37.571-4 | MCC TF160 | 37.571-4 | 0143 | - | Rel-16 | F | TEI9\_Test | agreed |
| R5-214184 | Introduction of updated GNSS scenarios | Spirent Communications, Rohde & Schwarz, CATT, CAICT | 37.571-5 | 0208 | - | Rel-16 | F | TEI16\_Test | revised |
| R5-216006 | Introduction of updated GNSS scenarios | Spirent Communications, Rohde & Schwarz, CATT, CAICT | 37.571-5 | 0208 | 1 | Rel-16 | F | TEI16\_Test | agreed |
| R5-214185 | Introduction of updated GNSS scenarios | Spirent Communications, Rohde & Schwarz, CATT, CAICT | 37.571-5 | 0209 | - | Rel-16 | F | TEI16\_Test | revised |
| R5-215711 | Introduction of updated GNSS scenarios | Spirent Communications, Rohde & Schwarz, CATT, CAICT | 37.571-5 | 0209 | 1 | Rel-16 | F | TEI16\_Test | agreed |
| R5-215362 | Update GNSS scenarios for multi-GNSS | ROHDE & SCHWARZ, MediaTek Inc. | 37.571-5 | 0210 | - | Rel-16 | F | TEI9\_Test | revised |
| R5-215814 | Update GNSS scenarios for multi-GNSS | ROHDE & SCHWARZ, MediaTek Inc. | 37.571-5 | 0210 | 1 | Rel-16 | F | TEI9\_Test | withdrawn |
| R5-215261 | Updates to 37.901-5 Annex A for Downlink Throughput tests with Variable Reference Channel | Qualcomm CDMA Technologies | 37.901-5 | 0014 | - | Rel-16 | F | FS\_UE\_5GNR\_App\_Data\_Perf | revised |
| R5-216121 | Updates to 37.901-5 Annex A for Downlink Throughput tests with Variable Reference Channel | Qualcomm CDMA Technologies | 37.901-5 | 0014 | 1 | Rel-16 | F | FS\_UE\_5GNR\_App\_Data\_Perf | agreed |
| R5-215586 | Addition of RAN4 agreed contents for VRC scenarios to 37.901-5 | Qualcomm Korea | 37.901-5 | 0015 | - | Rel-17 | F | FS\_UE\_5GNR\_App\_Data\_Perf | revised |
| R5-216139 | Addition of RAN4 agreed contents for VRC scenarios to 37.901-5 | Qualcomm Korea | 37.901-5 | 0015 | 1 | Rel-17 | F | FS\_UE\_5GNR\_App\_Data\_Perf | agreed |
| R5-214201 | Updating Test Frequencies for Rel-17 CA,DC band combinations within FR1 into TS 38.508-1 | China Telecommunications | 38.508-1 | 1962 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-215969 | Updating Test Frequencies for Rel-17 CA,DC band combinations within FR1 into TS 38.508-1 | China Telecommunications | 38.508-1 | 1962 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-214381 | Correct dl\_DataToUL\_ACK for short DCI test cases | ROHDE & SCHWARZ | 38.508-1 | 1963 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214405 | Correct CSI-MeasConfig for test cases with 1SSB | ROHDE & SCHWARZ | 38.508-1 | 1964 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215835 | Correct CSI-MeasConfig for test cases with 1SSB | ROHDE & SCHWARZ | 38.508-1 | 1964 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214406 | Complete CSI-ReportConfig for RRM | ROHDE & SCHWARZ | 38.508-1 | 1965 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215836 | Complete CSI-ReportConfig for RRM | ROHDE & SCHWARZ | 38.508-1 | 1965 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214431 | Addition of condition SCell\_mod to ServingCellConfig (4.6.3-167) | Apple (UK) Limited | 38.508-1 | 1966 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214436 | Correction to 38.508 Table 4.8.2.3-2: Reference QoS flow #2 | ROHDE & SCHWARZ | 38.508-1 | 1967 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214554 | Correction of default test frequencies for bands n38, n39, n40 and n50 and protocol testing | Ericsson | 38.508-1 | 1968 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214596 | Correction for USIM configurations | Keysight Technologies UK | 38.508-1 | 1969 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216159 | Correction for USIM configurations | Keysight Technologies UK | 38.508-1 | 1969 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214611 | Correction of default test frequencies for band n48 and protocol testing | Ericsson | 38.508-1 | 1970 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-214622 | Editorial updates to test procedure titles | MCC TF160 | 38.508-1 | 1971 | - | Rel-17 | F | TEI16\_Test | agreed |
| R5-214678 | Correction to k1 setting for FR2 RRM | Anritsu | 38.508-1 | 1972 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214710 | Updating test frequencies for Rel-17 inter-band EN-DC configurations | DOCOMO Communications Lab. | 38.508-1 | 1973 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-216079 | Updating test frequencies for Rel-17 inter-band EN-DC configurations | DOCOMO Communications Lab. | 38.508-1 | 1973 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-214727 | Introduction of test frequencies for CA\_n48B | Ericsson, Dish Network, Verizon | 38.508-1 | 1974 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-214728 | Corrections to UEInformationRequest and UEInformationResponse | MCC TF160 | 38.508-1 | 1975 | - | Rel-17 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214755 | Updates to System information combination for NR-DC | Qualcomm CDMA Technologies, Anrtisu | 38.508-1 | 1976 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214759 | Correction to Test Procedure for IMS MO and MT call release in 5GC | Huawei, Hisilicon, Keysight | 38.508-1 | 1977 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216150 | Correction to Test Procedure for IMS MO and MT call release in 5GC | Huawei, Hisilicon, Keysight | 38.508-1 | 1977 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214784 | Correction to USIM Configuration 19 | Huawei, Hisilicon | 38.508-1 | 1978 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214800 | Correction to IEs for UE policy part | Huawei, Hisilicon | 38.508-1 | 1979 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-214801 | Correction to IEs for V2XP info | Huawei, Hisilicon | 38.508-1 | 1980 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-216263 | Correction to IEs for V2XP info | Huawei, Hisilicon | 38.508-1 | 1980 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-214802 | Correction to IEs for Served by E-UTRA or served by NR | Huawei, Hisilicon | 38.508-1 | 1981 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-216264 | Correction to IEs for Served by E-UTRA or served by NR | Huawei, Hisilicon | 38.508-1 | 1981 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-214803 | Correction to IEs for Not served by E-UTRA and not served by NR | Huawei, Hisilicon | 38.508-1 | 1982 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-216265 | Correction to IEs for Not served by E-UTRA and not served by NR | Huawei, Hisilicon | 38.508-1 | 1982 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-214804 | Correction to IEs for V2X service identifier to PC5 RAT and Tx profiles mapping rules | Huawei, Hisilicon | 38.508-1 | 1983 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-216266 | Correction to IEs for V2X service identifier to PC5 RAT and Tx profiles mapping rules | Huawei, Hisilicon | 38.508-1 | 1983 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-214805 | Correction to IEs for Privacy config | Huawei, Hisilicon | 38.508-1 | 1984 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-216267 | Correction to IEs for Privacy config | Huawei, Hisilicon | 38.508-1 | 1984 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-214806 | Correction to IEs for V2X communication over PC5 in E-UTRA-PC5 | Huawei, Hisilicon | 38.508-1 | 1985 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-216268 | Correction to IEs for V2X communication over PC5 in E-UTRA-PC5 | Huawei, Hisilicon | 38.508-1 | 1985 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-214807 | Correction to IEs for V2X communication over PC5 in NR-PC5 | Huawei, Hisilicon | 38.508-1 | 1986 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-216269 | Correction to IEs for V2X communication over PC5 in NR-PC5 | Huawei, Hisilicon | 38.508-1 | 1986 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-214808 | Correction to NR V2X USIM configuration | Huawei, Hisilicon | 38.508-1 | 1987 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-214809 | Correction to UE Policy Delivery msg | Huawei, Hisilicon | 38.508-1 | 1988 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-216270 | Correction to UE Policy Delivery msg | Huawei, Hisilicon | 38.508-1 | 1988 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-214853 | Introduction of test frequencies for CA\_n48B and protocol testing | Ericsson, Dish Network, Verizon | 38.508-1 | 1989 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-214866 | Update default message contents of LoggedMeasurementConfiguration | ZTE Corporation | 38.508-1 | 1990 | - | Rel-17 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216284 | Update default message contents of LoggedMeasurementConfiguration | ZTE Corporation | 38.508-1 | 1990 | 1 | Rel-17 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214886 | Correction of test frequencies for CA\_n66B for protocol testing | Ericsson | 38.508-1 | 1991 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-216243 | Correction of test frequencies for CA\_n66B for protocol testing | Ericsson | 38.508-1 | 1991 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-214900 | Editorial Updates to Clause. 4.4.3.1.2 for System information combination | Qualcomm CDMA Technologies, | 38.508-1 | 1992 | - | Rel-17 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-214928 | Introduction of test frequencies for CA\_n71(2A) | Ericsson, Dish Network | 38.508-1 | 1993 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-215970 | Introduction of test frequencies for CA\_n71(2A) | Ericsson, Dish Network | 38.508-1 | 1993 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-214929 | Introduction of test frequencies for CA\_n71(2A) for protocol testing | Ericsson, Dish Network | 38.508-1 | 1994 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-214930 | Correction of test frequencies for CA\_n66(2A) for protocol testing | Ericsson | 38.508-1 | 1995 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | withdrawn |
| R5-214935 | Correction to Table 6.4.1-8 USIM Configuration 8 | Starpoint | 38.508-1 | 1996 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214947 | Correction to Table 6.4.1-8 USIM Configuration 8 | Starpoint | 38.508-1 | 1997 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214959 | Correction of test frequencies for CA\_n66(2A) for protocol testing | Ericsson | 38.508-1 | 1998 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-214962 | Alignment of test frequency tables for CA\_n48(2A), CA\_n66(2A), CA\_n77(2A) and CA\_n78(2A) | Ericsson | 38.508-1 | 1999 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-214964 | Default message content update for NR EIEI | Qualcomm communications-France | 38.508-1 | 2000 | - | Rel-17 | F | NR\_EIEI-UEConTest | revised |
| R5-216327 | Default message content update for NR EIEI | Qualcomm communications-France | 38.508-1 | 2000 | 1 | Rel-17 | F | NR\_EIEI-UEConTest | agreed |
| R5-214965 | Generic procedure for eCall over IMS establishment in 5GS Normal Service | Qualcomm communications-France | 38.508-1 | 2001 | - | Rel-17 | F | NR\_EIEI-UEConTest | revised |
| R5-216328 | Generic procedure for eCall over IMS establishment in 5GS Normal Service | Qualcomm communications-France | 38.508-1 | 2001 | 1 | Rel-17 | F | NR\_EIEI-UEConTest | agreed |
| R5-214967 | USIM configuration for NR EIEI | Qualcomm Incorporated | 38.508-1 | 2002 | - | Rel-17 | F | NR\_EIEI-UEConTest | revised |
| R5-216329 | USIM configuration for NR EIEI | Qualcomm Incorporated | 38.508-1 | 2002 | 1 | Rel-17 | F | NR\_EIEI-UEConTest | agreed |
| R5-214977 | Correction to default configuration-ControlResourceSet | Huawei,Hisilicon | 38.508-1 | 2003 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214978 | Correction to default configuration-SCell CSI on PCell | Huawei,Hisilicon | 38.508-1 | 2004 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215066 | Update of SIB2 to add messages for relaxed RRM measurement | Huawei, HiSilicon | 38.508-1 | 2005 | - | Rel-17 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-215936 | Update of SIB2 to add messages for relaxed RRM measurement | Huawei, HiSilicon | 38.508-1 | 2005 | 1 | Rel-17 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-215071 | Update to Out of Coverage procedure to trigger SL-MIMO transmission | Huawei, HiSilicon | 38.508-1 | 2006 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-215097 | Adding connection diagram for eMIMO multi-TRP demod test cases | Huawei, HiSilicon | 38.508-1 | 2007 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-216070 | Adding connection diagram for eMIMO multi-TRP demod test cases | Huawei, HiSilicon | 38.508-1 | 2007 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215130 | Addition of R17 CADC configuration into 38.508-1 | China Unicom | 38.508-1 | 2008 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-215971 | Addition of R17 CADC configuration into 38.508-1 | China Unicom | 38.508-1 | 2008 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-215180 | Updates to Test Equipment connection for Demodulation Performance and CSI reporting tests | Qualcomm CDMA Technologies | 38.508-1 | 2009 | - | Rel-17 | F | NR\_perf\_enh-UEConTest | revised |
| R5-216116 | Updates to Test Equipment connection for Demodulation Performance and CSI reporting tests | Qualcomm CDMA Technologies | 38.508-1 | 2009 | 1 | Rel-17 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-215191 | Introduction of test frequencies for n24 and n99 | Ligado Networks, Ericsson | 38.508-1 | 2010 | - | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-216122 | Introduction of test frequencies for n24 and n99 | Ligado Networks, Ericsson | 38.508-1 | 2010 | 1 | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-215192 | Introduction of signalling test frequencies for n24 and n99 | Ligado Networks, Ericsson | 38.508-1 | 2011 | - | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-216320 | Introduction of signalling test frequencies for n24 and n99 | Ligado Networks, Ericsson | 38.508-1 | 2011 | 1 | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-215308 | Adding test frequencies for SUL band n97 | Huawei, Hisilicon | 38.508-1 | 2012 | - | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-215309 | Adding signalling test frequencies for SUL band n97 | Huawei, Hisilicon | 38.508-1 | 2013 | - | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-216321 | Adding signalling test frequencies for SUL band n97 | Huawei, Hisilicon | 38.508-1 | 2013 | 1 | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-215340 | Correction to CSI report configurations | Anritsu | 38.508-1 | 2014 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215837 | Correction to CSI report configurations | Anritsu | 38.508-1 | 2014 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215341 | Correction to TRS configuration for RF test cases | Anritsu | 38.508-1 | 2015 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215348 | Addition of Perf RI FR2 message contents | Anritsu | 38.508-1 | 2016 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216027 | Addition of Perf RI FR2 message contents | Anritsu | 38.508-1 | 2016 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215359 | Correction to introduce Handling of PDU Session Release during switch off/Power off procedures | ROHDE & SCHWARZ, Apple | 38.508-1 | 2017 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216151 | Correction to introduce Handling of PDU Session Release during switch off/Power off procedures | ROHDE & SCHWARZ, Apple | 38.508-1 | 2017 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215408 | Updates to NR cell configurations for SIG | MCC TF160 | 38.508-1 | 2018 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216160 | Updates to NR cell configurations for SIG | MCC TF160 | 38.508-1 | 2018 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215456 | Update of 4.3.1.4.1 for test frequencies for EN-DC configurations within FR1 | ZTE Corporation | 38.508-1 | 2019 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215457 | Update of 4.3.1.1.2 for NR inter-band CA configurations in FR1 | ZTE Corporation | 38.508-1 | 2020 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-215972 | Update of 4.3.1.1.2 for NR inter-band CA configurations in FR1 | ZTE Corporation | 38.508-1 | 2020 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-215462 | Correction of 4.3.1.0D for locationAndBandwidth in BWP | ZTE Corporation | 38.508-1 | 2021 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215498 | Introduction of MIoT SST | Ericsson | 38.508-1 | 2022 | - | Rel-17 | F | NR\_IioT-UEConTest | revised |
| R5-216256 | Introduction of MIoT SST | Ericsson | 38.508-1 | 2022 | 1 | Rel-17 | F | NR\_IioT-UEConTest | agreed |
| R5-215499 | Introduction of V2X SST | Ericsson | 38.508-1 | 2023 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-215500 | Introduction of PS Data Off | Ericsson | 38.508-1 | 2024 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216155 | Introduction of PS Data Off | Ericsson | 38.508-1 | 2024 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215501 | Introduction of URSP | Ericsson | 38.508-1 | 2025 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216156 | Introduction of URSP | Ericsson | 38.508-1 | 2025 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215502 | Addition of UE Configuration Update procedure | Ericsson | 38.508-1 | 2026 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216152 | Addition of UE Configuration Update procedure | Ericsson | 38.508-1 | 2026 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215503 | Updates to REGISTRATION messages | Ericsson | 38.508-1 | 2027 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216157 | Updates to REGISTRATION messages | Ericsson | 38.508-1 | 2027 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215504 | Updates to Table 4.4A.5-2 | Ericsson | 38.508-1 | 2028 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215518 | Editorial correction: channel bandwidth and RB allocation revision in Test frequencies for CA\_n260(A-I) | Keysight technologies UK Ltd | 38.508-1 | 2029 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215530 | Correction on Test frequencies for DC\_(n)41CA | Keysight technologies UK Ltd | 38.508-1 | 2030 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215541 | Test frequencies update for CA\_ n257G, CA\_ n257H and CA\_ n257I | Keysight technologies UK Ltd | 38.508-1 | 2031 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215612 | Correction RF E-UTRA CONNECTED state | Keysight Technologies UK Ltd | 38.508-1 | 2032 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215626 | Aggregation level for RF test cases | Keysight technologies UK Ltd | 38.508-1 | 2033 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215678 | RRC and NAS message handling in uplink in case of simultaneous RRC and NAS procedures | ANRITSU LTD, Qualcomm | 38.508-1 | 2034 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215679 | Enquiry of Capability and checking of UeCapabilityInformation contents for NR-DC | ANRITSU LTD, Qualcomm | 38.508-1 | 2035 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215682 | Correction to Table 4.8.2.2-1 for default Packet filter ID | Huawei, Hisilicon | 38.508-1 | 2036 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216158 | Correction to Table 4.8.2.2-1 for default Packet filter ID | Huawei, Hisilicon | 38.508-1 | 2036 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215687 | Corrections for IMS video call signaling | Keysight Technologies, Qualcomm | 38.508-1 | 2037 | - | Rel-17 | - | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216153 | Corrections for IMS video call signaling | Keysight Technologies, Qualcomm | 38.508-1 | 2037 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215688 | Correction to reference configurations for IMS video call signaling | Keysight Technologies, Qualcomm | 38.508-1 | 2038 | - | Rel-17 | - | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216161 | Correction to reference configurations for IMS video call signaling | Keysight Technologies, Qualcomm | 38.508-1 | 2038 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215689 | Correction to USIM Configuration 18 and 19 | Huawei, Hisilicon | 38.508-1 | 2039 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215691 | Update chapter 4.5.4 RRC\_CONNECTED | Ericsson | 38.508-1 | 2040 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215695 | Correction to Table 4.6.3-142 and Table 4.6.3-79 for SFTD measurement reporting | Huawei, Hisilicon | 38.508-1 | 2041 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216154 | Correction to Table 4.6.3-142 and Table 4.6.3-79 for SFTD measurement reporting | Huawei, Hisilicon | 38.508-1 | 2041 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214186 | Updating UE capabilities for Rel-17 CA,DC,SUL band combinations within FR1 into TS 38.508-2 | China Telecommunications | 38.508-2 | 0219 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-216115 | Updating UE capabilities for Rel-17 CA,DC,SUL band combinations within FR1 into TS 38.508-2 | China Telecommunications | 38.508-2 | 0219 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-214334 | Introduction of ICS for NR-U | Ericsson | 38.508-2 | 0220 | - | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-214441 | Corrections and Addition of NR PICS | Lenovo and Motorola Mobility | 38.508-2 | 0221 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214565 | Addition of PICS for relaxed RRM measurement | CATT, Huawei, HiSilicon | 38.508-2 | 0222 | - | Rel-17 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-214570 | Introduction of common implementation conformance statements for Multi configured uplink grants in NR IIoT | CMCC | 38.508-2 | 0223 | - | Rel-17 | F | NR\_IioT-UEConTest | revised |
| R5-216257 | Introduction of common implementation conformance statements for Multi configured uplink grants in NR IIoT | CMCC | 38.508-2 | 0223 | 1 | Rel-17 | F | NR\_IioT-UEConTest | agreed |
| R5-214679 | Correction to Physical Layer Baseline Implementation Capabilities | Anritsu | 38.508-2 | 0224 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216028 | Correction to Physical Layer Baseline Implementation Capabilities | Anritsu | 38.508-2 | 0224 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214720 | Introduction of UE capabilities for UL full power Tx rel-16 for UL MIMO | Ericsson | 38.508-2 | 0225 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-215933 | Introduction of UE capabilities for UL full power Tx rel-16 for UL MIMO | Ericsson | 38.508-2 | 0225 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-214771 | Correction to NR capability | Huawei, Hisilicon | 38.508-2 | 0226 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214934 | Introduce PICS for NR URLLC | Lenovo and Motorola Mobility | 38.508-2 | 0227 | - | Rel-17 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-214979 | Addition of PICs for inter-RAT SFTD measurements | Huawei,Hisilicon | 38.508-2 | 0228 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215838 | Addition of PICs for inter-RAT SFTD measurements | Huawei,Hisilicon | 38.508-2 | 0228 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215003 | Addition of PICs for Mob\_Enh TCs | Huawei,Hisilicon | 38.508-2 | 0229 | - | Rel-17 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-215930 | Addition of PICs for Mob\_Enh TCs | Huawei,Hisilicon | 38.508-2 | 0229 | 1 | Rel-17 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-215016 | Addition of PICs for NR PS TCs | Huawei,Hisilicon | 38.508-2 | 0230 | - | Rel-17 | F | NR\_UE\_pow\_sav-UEConTest | withdrawn |
| R5-215028 | Addition of PICs for NR HST TCs | Huawei,Hisilicon | 38.508-2 | 0231 | - | Rel-17 | F | NR\_HST-UEConTest | revised |
| R5-215943 | Addition of PICs for NR HST TCs | Huawei,Hisilicon | 38.508-2 | 0231 | 1 | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-215078 | Addition of PICS for V2X SL-MIMO test cases | Huawei, HiSilicon | 38.508-2 | 0232 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-215095 | Adding PICS for eMIMO demod test cases | Huawei, HiSilicon | 38.508-2 | 0233 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215104 | Addition of PICS for URLLC test cases | Huawei, HiSilicon, Sporton | 38.508-2 | 0234 | - | Rel-17 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-215951 | Addition of PICS for URLLC test cases | Huawei, HiSilicon, Sporton | 38.508-2 | 0234 | 1 | Rel-17 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-215128 | Update of PC2 EN-DC configuration into 38.508-2 | China Unicom | 38.508-2 | 0235 | - | Rel-17 | F | ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest | revised |
| R5-215982 | Update of PC2 EN-DC configuration into 38.508-2 | China Unicom | 38.508-2 | 0235 | 1 | Rel-17 | F | ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest | agreed |
| R5-215135 | Addition of capability for NR Sidelink Transmission Mode 2 | ROHDE & SCHWARZ | 38.508-2 | 0236 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-215161 | Addition of PICS for Rel-16 release preference assistance information | Qualcomm Finland RFFE Oy | 38.508-2 | 0237 | - | Rel-17 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-215184 | Addition of UE capability for low PAPR DMRS | Huawei, HiSilicon | 38.508-2 | 0238 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215193 | Introduction of n24 and n99 | Ligado Networks | 38.508-2 | 0239 | - | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-215961 | Introduction of n24 and n99 | Ligado Networks | 38.508-2 | 0239 | 1 | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-215205 | Add UE capability for NR MobEnh | Huawei, Hisilicon | 38.508-2 | 0240 | - | Rel-17 | F | NR\_Mob\_enh-UEConTest | withdrawn |
| R5-215281 | Introduction of CA\_n71(2A) | WE Certification Oy, DISH Network | 38.508-2 | 0241 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-215310 | Introduction of UE capabilities for R17 SUL band n97 | Huawei, Hisilicon | 38.508-2 | 0242 | - | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-215349 | Correction to UE Measurement Capability | Anritsu | 38.508-2 | 0243 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215357 | Updating UE capability for NR inter-band EN-DC configurations | DOCOMO Communications Lab. | 38.508-2 | 0244 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-215445 | Update of A.4.3.2A.4.1 for implementation capabilities for NR inter-band CA within FR1 for two bands | ZTE Corporation | 38.508-2 | 0245 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215839 | Update of A.4.3.2A.4.1 for implementation capabilities for NR inter-band CA within FR1 for two bands | ZTE Corporation | 38.508-2 | 0245 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215446 | Update of A.4.3.2A.4.2 for implementation capabilities for NR inter-band CA within FR1 for three bands | ZTE Corporation | 38.508-2 | 0246 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215840 | Update of A.4.3.2A.4.2 for implementation capabilities for NR inter-band CA within FR1 for three bands | ZTE Corporation | 38.508-2 | 0246 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215447 | Update of A.4.3.2A.3.1 for implementation capabilities for NR intra-band non-contiguous CA within FR1 | ZTE Corporation | 38.508-2 | 0247 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215841 | Update of A.4.3.2A.3.1 for implementation capabilities for NR intra-band non-contiguous CA within FR1 | ZTE Corporation | 38.508-2 | 0247 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215448 | Update of A.4.3.2A.3.2 for implementation capabilities for NR intra-band non-contiguous CA within FR2 | ZTE Corporation | 38.508-2 | 0248 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215842 | Update of A.4.3.2A.3.2 for implementation capabilities for NR intra-band non-contiguous CA within FR2 | ZTE Corporation | 38.508-2 | 0248 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215449 | Update of A.4.3.2A.2.1 for implementation capabilities for NR intra-band contiguous CA within FR1 | ZTE Corporation | 38.508-2 | 0249 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215843 | Update of A.4.3.2A.2.1 for implementation capabilities for NR intra-band contiguous CA within FR1 | ZTE Corporation | 38.508-2 | 0249 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215450 | Update of A.4.3.2A.2.2 for implementation capabilities for NR intra-band contiguous CA within FR2 | ZTE Corporation | 38.508-2 | 0250 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215844 | Update of A.4.3.2A.2.2 for implementation capabilities for NR intra-band contiguous CA within FR2 | ZTE Corporation | 38.508-2 | 0250 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215458 | Editorial corrections of A.4.3.2B.2.3.1 for inter-band EN-DC within FR1 | ZTE Corporation, China Unicom, China Telecom | 38.508-2 | 0251 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-216106 | Editorial corrections of A.4.3.2B.2.3.1 for inter-band EN-DC within FR1 | ZTE Corporation, China Unicom, China Telecom | 38.508-2 | 0251 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215469 | Update of beam peak vendor declarations | Rohde & Schwarz | 38.508-2 | 0252 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215505 | Addition of PIC for MIoT SST | Ericsson | 38.508-2 | 0253 | - | Rel-17 | F | NR\_IioT-UEConTest | revised |
| R5-216258 | Addition of PIC for MIoT SST | Ericsson | 38.508-2 | 0253 | 1 | Rel-17 | F | NR\_IioT-UEConTest | agreed |
| R5-215506 | Addition of PIC for V2X SST | Ericsson | 38.508-2 | 0254 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-216271 | Addition of PIC for V2X SST | Ericsson | 38.508-2 | 0254 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-215581 | CR on Antenna Aperture Declarations | Keysight Technologies UK Ltd | 38.508-2 | 0255 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214743 | Addition of predefined UE capability container for test function Set UL Message - NR | Qualcomm CDMA Technologies | 38.509 | 0044 | - | Rel-16 | B | RACS-UEConTest | revised |
| R5-216275 | Addition of predefined UE capability container for test function Set UL Message - NR | Qualcomm CDMA Technologies | 38.509 | 0044 | 1 | Rel-16 | B | RACS-UEConTest | agreed |
| R5-215072 | Update to UE test loop mode E to trigger SL-MIMO transmission | Huawei, HiSilicon, MCC TF160 | 38.509 | 0045 | - | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-216069 | Update to UE test loop mode E to trigger SL-MIMO transmission | Huawei, HiSilicon, MCC TF160 | 38.509 | 0045 | 1 | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-215575 | Modification of test loop mode B for ethernet header compression for NR | Nokia, Nokia Shanghai Bell | 38.509 | 0046 | - | Rel-16 | F | NR\_IioT-UEConTest | withdrawn |
| R5-214187 | Update of R17 CA and SUL configurations into TS38.521-1 clause 5 | China Telecommunications | 38.521-1 | 1287 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | withdrawn |
| R5-214221 | Updating clause 6.2C.2 for Rel-17 SUL combinations in TS 38.521-1 | China Telecommunications | 38.521-1 | 1288 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-214224 | Update clause 7 for R17 CA and SUL RX characteristics in TS 38.521-1 | China Telecommunications | 38.521-1 | 1289 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-214324 | Update of NR FR1 General ON-OFF time mask test case | Ericsson | 38.521-1 | 1290 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216029 | Update of NR FR1 General ON-OFF time mask test case | Ericsson | 38.521-1 | 1290 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214325 | Update of NR FR1 SRS time mask test case | Ericsson | 38.521-1 | 1291 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216030 | Update of NR FR1 SRS time mask test case | Ericsson | 38.521-1 | 1291 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214332 | Introduction of NR-U MOP test case | Ericsson | 38.521-1 | 1292 | - | Rel-17 | F | NR\_unlic-UEConTest | revised |
| R5-215983 | Introduction of NR-U MOP test case | Ericsson | 38.521-1 | 1292 | 1 | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-214333 | Introduction of NR-U in general clauses | Ericsson | 38.521-1 | 1293 | - | Rel-17 | F | NR\_unlic-UEConTest | revised |
| R5-215984 | Introduction of NR-U in general clauses | Ericsson | 38.521-1 | 1293 | 1 | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-214476 | Addition of Configured Tx Power Minimum Conformance Requirements for n41 Power Class 1.5 | CMCC | 38.521-1 | 1294 | - | Rel-17 | F | LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest | agreed |
| R5-214477 | Addition of MOP for UL MIMO Minimum Conformance Requirements for n41 Power Class 1.5 | CMCC | 38.521-1 | 1295 | - | Rel-17 | F | LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest | agreed |
| R5-214478 | Addition of MOP for UL MIMO Test Requirements for n41 Power Class 1.5 | CMCC | 38.521-1 | 1296 | - | Rel-17 | F | LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest | revised |
| R5-215999 | Addition of MOP for UL MIMO Test Requirements for n41 Power Class 1.5 | CMCC | 38.521-1 | 1296 | 1 | Rel-17 | F | LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest | agreed |
| R5-214479 | Update of NR ACLR Test Requirement for n41 Power Class 1.5 | CMCC | 38.521-1 | 1297 | - | Rel-17 | F | LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest | agreed |
| R5-214505 | Update of Tx test cases for PC2 CA\_n3A-n41A with UL CA\_n3A-n41A | CMCC | 38.521-1 | 1298 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-215986 | Update of Tx test cases for PC2 CA\_n3A-n41A with UL CA\_n3A-n41A | CMCC | 38.521-1 | 1298 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-214506 | Update of Tx test cases for PC2 CA\_n28A-n79A with UL CA\_n28A-n79A | CMCC | 38.521-1 | 1299 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-215987 | Update of Tx test cases for PC2 CA\_n28A-n79A with UL CA\_n28A-n79A | CMCC | 38.521-1 | 1299 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-214507 | Update of Tx test cases for PC2 CA\_n28A-n41A with UL CA\_n28A-n41A | CMCC | 38.521-1 | 1300 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-215988 | Update of Tx test cases for PC2 CA\_n28A-n41A with UL CA\_n28A-n41A | CMCC | 38.521-1 | 1300 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-214508 | Update of Tx test cases for PC2 CA\_n40A-n41A with UL CA\_n40A-n41A | CMCC | 38.521-1 | 1301 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-215989 | Update of Tx test cases for PC2 CA\_n40A-n41A with UL CA\_n40A-n41A | CMCC | 38.521-1 | 1301 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-214509 | Update of Tx test cases for PC2 CA\_n3A-n41A with UL PC2 n41A | CMCC | 38.521-1 | 1302 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-215990 | Update of Tx test cases for PC2 CA\_n3A-n41A with UL PC2 n41A | CMCC | 38.521-1 | 1302 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-214510 | Update of Tx test cases for PC2 CA\_n28A-n79A with UL PC2 n79A | CMCC | 38.521-1 | 1303 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-215991 | Update of Tx test cases for PC2 CA\_n28A-n79A with UL PC2 n79A | CMCC | 38.521-1 | 1303 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-214511 | Update of Tx test cases for PC2 CA\_n28A-n41A with UL PC2 n41A | CMCC | 38.521-1 | 1304 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-215992 | Update of Tx test cases for PC2 CA\_n28A-n41A with UL PC2 n41A | CMCC | 38.521-1 | 1304 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-214598 | Addition of reference section for TDD DL reference measurement channels in 7.1 | CAICT | 38.521-1 | 1305 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214599 | Correction of test SCS in the test configuration table | CAICT | 38.521-1 | 1306 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214600 | Correction of Test Frequencies in the test configuration table | CAICT | 38.521-1 | 1307 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214601 | Correction of Test Frequencies for NR band n28 and30MHz test channel bandwidth in the test configuration table | CAICT | 38.521-1 | 1308 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214602 | Alignment of UL measurement channels in Annex A.2 with the core spec | CAICT | 38.521-1 | 1309 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214603 | Unify the Terminology of normal condition in the test configuration tables | CAICT | 38.521-1 | 1310 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214604 | Correction of subclause titles with appropriate styles | CAICT | 38.521-1 | 1311 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214941 | Update of FR1 UL RMCs | Rohde & Schwarz, CAICT | 38.521-1 | 1312 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215847 | Update of FR1 UL RMCs | Rohde & Schwarz, CAICT | 38.521-1 | 1312 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215043 | Correcting test frequencies in test case 6.2D.4 | Ericsson | 38.521-1 | 1313 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215049 | Correcting references in EN-DC RX test cases | Ericsson | 38.521-1 | 1314 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215055 | Correction of UTRA ACLR for inter-band CA | Huawei, HiSilicon | 38.521-1 | 1315 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215845 | Correction of UTRA ACLR for inter-band CA | Huawei, HiSilicon | 38.521-1 | 1315 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215073 | Addition of 6.2E.1.1D MOP for non-concurrent with SL-MIMO | Huawei, HiSilicon | 38.521-1 | 1316 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-215074 | Addition of 6.2E.2.1D MPR for non-concurrent with SL-MIMO | Huawei, HiSilicon | 38.521-1 | 1317 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-215075 | Addition of 6.3E.1.1D Minimum output power for non-concurrent with SL-MIMO | Huawei, HiSilicon | 38.521-1 | 1318 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-215080 | Addition of NR ACLR for intra-band CA | Huawei, HiSilicon | 38.521-1 | 1319 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-215163 | Adding A-MPR NS\_06 test case for band 14 power class 1 | Ericsson | 38.521-1 | 1320 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215846 | Adding A-MPR NS\_06 test case for band 14 power class 1 | Ericsson | 38.521-1 | 1320 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215165 | Correction of test frequencies for A-MPR NS\_47 | Ericsson, Keysight | 38.521-1 | 1321 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215182 | Correction to IE and UE capability for low PAPR DMRS across Tx cases | Huawei, HiSilicon | 38.521-1 | 1322 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-216141 | Correction to IE and UE capability for low PAPR DMRS across Tx cases | Huawei, HiSilicon | 38.521-1 | 1322 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215185 | Update of 6.2D.2 MPR for UL MIMO with supporting ULFPTx | Huawei, HiSilicon | 38.521-1 | 1323 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215198 | Introduction of n24 and n99 - Common | Ligado Networks | 38.521-1 | 1324 | - | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-215800 | Introduction of n24 and n99 - Common | Ligado Networks | 38.521-1 | 1324 | 1 | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | withdrawn |
| R5-215199 | Introduction of of MOP, MPR and configured Tx power test cases for n24 and n99 | Ligado Networks | 38.521-1 | 1325 | - | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-215962 | Introduction of of MOP, MPR and configured Tx power test cases for n24 and n99 | Ligado Networks | 38.521-1 | 1325 | 1 | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-215200 | Introduction of A-MPR test cases for n24 and n99 | Ligado Networks | 38.521-1 | 1326 | - | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-216114 | Introduction of A-MPR test cases for n24 and n99 | Ligado Networks | 38.521-1 | 1326 | 1 | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-215201 | Introduction of n24 and n99 to spurious emissions and addition spurious emission test cases | Ligado Networks | 38.521-1 | 1327 | - | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-215963 | Introduction of n24 and n99 to spurious emissions and addition spurious emission test cases | Ligado Networks | 38.521-1 | 1327 | 1 | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-215202 | Introduction of n24 to receiver sensitivity test cases | Ligado Networks | 38.521-1 | 1328 | - | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-215965 | Introduction of n24 to receiver sensitivity test cases | Ligado Networks | 38.521-1 | 1328 | 1 | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-215203 | Introduction of n24 - blocking test cases | Ligado Networks | 38.521-1 | 1329 | - | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-215966 | Introduction of n24 - blocking test cases | Ligado Networks | 38.521-1 | 1329 | 1 | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-215213 | Cleanup for spurious emission for UE co-existence table | Apple Italia S.R.L. | 38.521-1 | 1330 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216031 | Cleanup for spurious emission for UE co-existence table | Apple Italia S.R.L. | 38.521-1 | 1330 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215214 | Corrections on power tolerance for intra-band contiguous CA | Apple Italia S.R.L. | 38.521-1 | 1331 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215224 | Update intra-band CA to 6.2A.2.1 | Guangdong OPPO Mobile Telecom. | 38.521-1 | 1332 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216032 | Update intra-band CA to 6.2A.2.1 | Guangdong OPPO Mobile Telecom. | 38.521-1 | 1332 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215225 | Update p-Max of PCC of intra-band CA to 6.5A.1.1 | Guangdong OPPO Mobile Telecom. | 38.521-1 | 1333 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216084 | Update p-Max of PCC of intra-band CA to 6.5A.1.1 | Guangdong OPPO Mobile Telecom. | 38.521-1 | 1333 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215282 | Introduction of CA\_n71(2A) to Rx cases | WE Certification Oy, DISH Network | 38.521-1 | 1334 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-215284 | Updating message contents for SUL test cases | Huawei, Hisilicon | 38.521-1 | 1335 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215285 | Removal of SUL band in NR single-carrier test cases | Huawei, Hisilicon | 38.521-1 | 1336 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215286 | Editorial correction to test case 6.2A.1 and 6.2A.2 | Huawei, Hisilicon | 38.521-1 | 1337 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215287 | Correction to test procedure of test case 6.5.2.3 Additional SEM | Huawei, Hisilicon | 38.521-1 | 1338 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215297 | Updating the test requirement of NR test case MPR for MIMO | Huawei, Hisilicon | 38.521-1 | 1339 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-215298 | Updating NR test case 6.2A.1 MOP for intra-band non-contiguous UL CA | Huawei, Hisilicon | 38.521-1 | 1340 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-215299 | Updating test case 6.3A.4.1 Absolute power tolerance for intra-band non-contiguous UL CA | Huawei, Hisilicon | 38.521-1 | 1341 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | revised |
| R5-216065 | Updating test case 6.3A.4.1 Absolute power tolerance for intra-band non-contiguous UL CA | Huawei, Hisilicon | 38.521-1 | 1341 | 1 | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-215301 | Updating test case 6.3A.4.2 Relative power tolerance for intra-band non-contiguous UL CA | Huawei, Hisilicon | 38.521-1 | 1342 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | revised |
| R5-216066 | Updating test case 6.3A.4.2 Relative power tolerance for intra-band non-contiguous UL CA | Huawei, Hisilicon | 38.521-1 | 1342 | 1 | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-215303 | Updating test case 6.3A.4.3 Aggregate power tolerance for intra-band non-contiguous UL CA | Huawei, Hisilicon | 38.521-1 | 1343 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | revised |
| R5-216067 | Updating test case 6.3A.4.3 Aggregate power tolerance for intra-band non-contiguous UL CA | Huawei, Hisilicon | 38.521-1 | 1343 | 1 | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-215305 | Updating test case 6.5A.1.1 occupied bandwidth for intra-band CA | Huawei, Hisilicon | 38.521-1 | 1344 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-215307 | Updating test case 6.3A.2 Transmit OFF power for intra-band non-contiguous UL CA | Huawei, Hisilicon | 38.521-1 | 1345 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-215311 | Updating MOP testing for SUL band n97 | Huawei, Hisilicon | 38.521-1 | 1346 | - | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-215312 | Updating MPR testing for SUL band band n97 | Huawei, Hisilicon | 38.521-1 | 1347 | - | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-215313 | Updating Spurious emissions for UE co-existence test cases for R17 requirements | Huawei, Hisilicon | 38.521-1 | 1348 | - | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-215964 | Updating Spurious emissions for UE co-existence test cases for R17 requirements | Huawei, Hisilicon | 38.521-1 | 1348 | 1 | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-215318 | Updating FR1 RMC for Rx test cases | Huawei, Hisilicon | 38.521-1 | 1349 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215332 | Update of requirement for spurious emission test case in 6.5A.3.2.1 | Anritsu | 38.521-1 | 1350 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215333 | Correction to test configuration in 7.3A.1 | Anritsu | 38.521-1 | 1351 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216035 | Correction to test configuration in 7.3A.1 | Anritsu | 38.521-1 | 1351 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215334 | Correction of A-MPR test configuration for NS\_27 in 6.2.3 | Anritsu | 38.521-1 | 1352 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215335 | Correction of A-SPR test configuration for NS\_17 in 6.5.3.3 | Anritsu | 38.521-1 | 1353 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215373 | Update Test applicability to FR1 TC 6.3C.2 | Bureau Veritas | 38.521-1 | 1354 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215382 | Updating FR1 RMC for Rx test cases | Huawei, Hisilicon | 38.521-1 | 1355 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215391 | Update of R16 new CBW configurations into TS38.521-1 clause 5 | China Unicom | 38.521-1 | 1356 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | revised |
| R5-215929 | Update of R16 new CBW configurations into TS38.521-1 clause 5 | China Unicom | 38.521-1 | 1356 | 1 | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-215400 | Update of R17 CADC configurations into TS38.521-1 clause 5 | China Unicom, WE Certification, DISH Network, China Telecommunications | 38.521-1 | 1357 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-216080 | Update of R17 CADC configurations into TS38.521-1 clause 5 | China Unicom, WE Certification, DISH Network, China Telecommunications | 38.521-1 | 1357 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-215403 | Update of R17 new band and CBWs into TS38.521-1 clause 5 | China Unicom, Huawei, HiSilicon | 38.521-1 | 1358 | - | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-215967 | Update of R17 new band and CBWs into TS38.521-1 clause 5 | China Unicom, Huawei, HiSilicon | 38.521-1 | 1358 | 1 | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-215406 | Update of CBW 70MHz into TC 6.3.4.2 absolute power tolerance | China Unicom | 38.521-1 | 1359 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-215438 | Update of CBW 70MHz into TC 6.3.4.3 relative power tolerance | China Unicom | 38.521-1 | 1360 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-215439 | Update of CBW 70MHz into TC 6.3A.3.1 | China Unicom | 38.521-1 | 1361 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-215452 | Update of 6.3.3.6 for SRS time mask test for BW 70MHz | ZTE Corporation, China Unicom | 38.521-1 | 1362 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | revised |
| R5-216110 | Update of 6.3.3.6 for SRS time mask test for BW 70MHz | ZTE Corporation, China Unicom | 38.521-1 | 1362 | 1 | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-215453 | Update of 6.2A.1 for UE maximum output power for CA | ZTE Corporation | 38.521-1 | 1363 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-216107 | Update of 6.2A.1 for UE maximum output power for CA | ZTE Corporation | 38.521-1 | 1363 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215459 | Correction of 6.2.3 for UE additional maximum output power reduction | ZTE Corporation | 38.521-1 | 1364 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216085 | Correction of 6.2.3 for UE additional maximum output power reduction | ZTE Corporation | 38.521-1 | 1364 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215461 | Correction of 6.2.1 for UE capability IE for maximum output power | ZTE Corporation | 38.521-1 | 1365 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216086 | Correction of 6.2.1 for UE capability IE for maximum output power | ZTE Corporation | 38.521-1 | 1365 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215463 | Correct the abbreviations for network signalling value in 38.521-1 | ZTE Corporation | 38.521-1 | 1366 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215465 | Correction of 5.5C for configurations of SUL bands | ZTE Corporation | 38.521-1 | 1367 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | withdrawn |
| R5-215472 | Correction of test configuration in test case 6.5.2.2.2 | ROHDE & SCHWARZ | 38.521-1 | 1368 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215488 | Adding Power Class 1.5 for LTE Band 41and NR Band n41 MOP | T-Mobile USA Inc. | 38.521-1 | 1369 | - | Rel-17 | F | LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest | revised |
| R5-216000 | Adding Power Class 1.5 for LTE Band 41and NR Band n41 MOP | T-Mobile USA Inc. | 38.521-1 | 1369 | 1 | Rel-17 | F | LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest | agreed |
| R5-215489 | Adding Power Class 1.5 for LTE Band 41and NR Band n41 MPR | T-Mobile USA Inc. | 38.521-1 | 1370 | - | Rel-17 | F | LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest | revised |
| R5-216001 | Adding Power Class 1.5 for LTE Band 41and NR Band n41 MPR | T-Mobile USA Inc. | 38.521-1 | 1370 | 1 | Rel-17 | F | LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest | agreed |
| R5-215490 | Adding Power Class 1.5 for LTE Band 41and NR Band n41 A-MPR | T-Mobile USA Inc. | 38.521-1 | 1371 | - | Rel-17 | F | LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest | revised |
| R5-216002 | Adding Power Class 1.5 for LTE Band 41and NR Band n41 A-MPR | T-Mobile USA Inc. | 38.521-1 | 1371 | 1 | Rel-17 | F | LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest | agreed |
| R5-215513 | Update of CBW 70MHz into TC 6.3A.3.1\_1 | China Unicom | 38.521-1 | 1372 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-215544 | Update to the coherent UL-MIMO test case | Huawei, HiSilicon | 38.521-1 | 1373 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216033 | Update to the coherent UL-MIMO test case | Huawei, HiSilicon | 38.521-1 | 1373 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215562 | Introduction of Reference sensitivity for NR-U | Qualcomm Austria RFFE GmbH | 38.521-1 | 1374 | - | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-215563 | Introduction of general spurious emission for NR-U | Qualcomm Austria RFFE GmbH | 38.521-1 | 1375 | - | Rel-17 | F | NR\_unlic-UEConTest | revised |
| R5-215985 | Introduction of general spurious emission for NR-U | Qualcomm Austria RFFE GmbH | 38.521-1 | 1375 | 1 | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-215564 | Introduction of Spectrum emission mask for NR-U | Qualcomm Austria RFFE GmbH | 38.521-1 | 1376 | - | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-215566 | Correction to test applicability for different NS value | Qualcomm Austria RFFE GmbH | 38.521-1 | 1377 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216034 | Correction to test applicability for different NS value | Qualcomm Austria RFFE GmbH | 38.521-1 | 1377 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215573 | Update for 6.5.4 Transmit intermodulation | Qualcomm Austria RFFE GmbH | 38.521-1 | 1378 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214327 | Update to FR2 minimum output power test case | Ericsson | 38.521-2 | 0556 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216087 | Update to FR2 minimum output power test case | Ericsson | 38.521-2 | 0556 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214328 | Update to FR2 ACLR test case | Ericsson, Anritsu | 38.521-2 | 0557 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216088 | Update to FR2 ACLR test case | Ericsson, Anritsu | 38.521-2 | 0557 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214383 | Introduction of new clause 6.3A.4.4 and Minimum conformance requirements | 3in | 38.521-2 | 0558 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215848 | Introduction of new clause 6.3A.4.4 and Minimum conformance requirements | 3in | 38.521-2 | 0558 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214393 | Introduction of Aggregate power tolerance for CA (2UL CA) | 3in | 38.521-2 | 0559 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214396 | Introduction of Aggregate power tolerance for CA (3UL CA) | 3in | 38.521-2 | 0560 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214397 | Introduction of Aggregate power tolerance for CA (4UL CA) | 3in | 38.521-2 | 0561 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214398 | Introduction of Aggregate power tolerance for CA (5UL CA) | 3in | 38.521-2 | 0562 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214399 | Introduction of Aggregate power tolerance for CA (6UL CA) | 3in | 38.521-2 | 0563 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214400 | Introduction of Aggregate power tolerance for CA (7UL CA) | 3in | 38.521-2 | 0564 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214452 | Introduction of new TC 6.3A.4.4.1 Aggregate power tolerance for CA (2UL CA) | 3in | 38.521-2 | 0565 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215849 | Introduction of new TC 6.3A.4.4.1 Aggregate power tolerance for CA (2UL CA) | 3in | 38.521-2 | 0565 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214453 | Introduction of new TC 6.3A.4.4.2 Aggregate power tolerance for CA (3UL CA) | 3in | 38.521-2 | 0566 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215850 | Introduction of new TC 6.3A.4.4.2 Aggregate power tolerance for CA (3UL CA) | 3in | 38.521-2 | 0566 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214454 | Introduction of new TC 6.3A.4.4.3 Aggregate power tolerance for CA (4UL CA) | 3in | 38.521-2 | 0567 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215851 | Introduction of new TC 6.3A.4.4.3 Aggregate power tolerance for CA (4UL CA) | 3in | 38.521-2 | 0567 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214455 | Introduction of new TC 6.3A.4.4.4 Aggregate power tolerance for CA (5UL CA) | 3in | 38.521-2 | 0568 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215852 | Introduction of new TC 6.3A.4.4.4 Aggregate power tolerance for CA (5UL CA) | 3in | 38.521-2 | 0568 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214456 | Introduction of new TC 6.3A.4.4.5 Aggregate power tolerance for CA (6UL CA) | 3in | 38.521-2 | 0569 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215853 | Introduction of new TC 6.3A.4.4.5 Aggregate power tolerance for CA (6UL CA) | 3in | 38.521-2 | 0569 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214457 | Introduction of new TC 6.3A.4.4.6 Aggregate power tolerance for CA (7UL CA) | 3in | 38.521-2 | 0570 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215854 | Introduction of new TC 6.3A.4.4.6 Aggregate power tolerance for CA (7UL CA) | 3in | 38.521-2 | 0570 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214458 | Introduction of new TC 6.3A.4.4.7 Aggregate power tolerance for CA (8UL CA) | 3in | 38.521-2 | 0571 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215855 | Introduction of new TC 6.3A.4.4.7 Aggregate power tolerance for CA (8UL CA) | 3in | 38.521-2 | 0571 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214605 | Removal of empty cells in the test configuration table | CAICT | 38.521-2 | 0572 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214606 | Removal of brackets from the Minimum Conformance Requirements of Reference sensitivity power level for Intra-band non-contiguous CA | CAICT | 38.521-2 | 0573 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214607 | Alignment of UL measurement channels in Annex A.2.3 with the core spec | CAICT | 38.521-2 | 0574 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214608 | Move the definition of cumulative aggregated channel bandwidth to the Definitions section | CAICT | 38.521-2 | 0575 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214839 | Update Minumum conformance requirement clause 7.4A.0 for Rel-16 Enhancement | Apple Italia S.R.L., Nokia | 38.521-2 | 0576 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | revised |
| R5-215976 | Update Minumum conformance requirement clause 7.4A.0 for Rel-16 Enhancement | Apple Italia S.R.L., Nokia | 38.521-2 | 0576 | 1 | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-214841 | Addition of clause 7.5A.0 minimum conformance requirement for Rel-16 Enhancement WP | Apple Italia S.R.L., Nokia | 38.521-2 | 0577 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | revised |
| R5-215977 | Addition of clause 7.5A.0 minimum conformance requirement for Rel-16 Enhancement WP | Apple Italia S.R.L., Nokia | 38.521-2 | 0577 | 1 | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-214842 | Addition of clause 7.6A.2.0 minimum conformance requirement for Rel-16 Enhancement WP | Apple Italia S.R.L., Nokia | 38.521-2 | 0578 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | revised |
| R5-215978 | Addition of clause 7.6A.2.0 minimum conformance requirement for Rel-16 Enhancement WP | Apple Italia S.R.L., Nokia | 38.521-2 | 0578 | 1 | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-214845 | Correction to MU and TT for spurious emission band UE co-existence | Anritsu | 38.521-2 | 0579 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214904 | Addition of new test case 6.4D.1 Frequency error for UL MIMO in FR2 | TTA | 38.521-2 | 0580 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215856 | Addition of new test case 6.4D.1 Frequency error for UL MIMO in FR2 | TTA | 38.521-2 | 0580 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214905 | Update of test case 6.4D.3 Time alignment error for UL MIMO in FR2 | TTA | 38.521-2 | 0581 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215857 | Update of test case 6.4D.3 Time alignment error for UL MIMO in FR2 | TTA | 38.521-2 | 0581 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214910 | Editorial correction to Reference sensitivity power level for Inter-band CA | Nokia, Nokia Shanghai Bell | 38.521-2 | 0582 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-214911 | Maximum input level for Inter-band CA | Nokia, Nokia Shanghai Bell | 38.521-2 | 0583 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | withdrawn |
| R5-214912 | Adjacent channel selectivity for Inter-band CA | Nokia, Nokia Shanghai Bell | 38.521-2 | 0584 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | withdrawn |
| R5-214913 | In-band blocking for Inter-band CA | Nokia, Nokia Shanghai Bell | 38.521-2 | 0585 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | withdrawn |
| R5-214914 | Transmit ON/OFF time mask test configuration for non-contiguous CA | Nokia, Nokia Shanghai Bell | 38.521-2 | 0586 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-214915 | Frequency error for non-contiguous CA | Nokia, Nokia Shanghai Bell | 38.521-2 | 0587 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-214916 | Transmit modulation quality for non-contiguous CA | Nokia, Nokia Shanghai Bell | 38.521-2 | 0588 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | revised |
| R5-215975 | Transmit modulation quality for non-contiguous CA | Nokia, Nokia Shanghai Bell | 38.521-2 | 0588 | 1 | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-214942 | Update of FR2 UL RMCs | Rohde & Schwarz, CAICT | 38.521-2 | 0589 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215862 | Update of FR2 UL RMCs | Rohde & Schwarz, CAICT | 38.521-2 | 0589 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215056 | Update to time mask for FR2 UL-MIMO | Huawei, HiSilicon | 38.521-2 | 0590 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215057 | Cleaning up the specification skeleton | Huawei, HiSilicon, Nokia | 38.521-2 | 0591 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215858 | Cleaning up the specification skeleton | Huawei, HiSilicon, Nokia | 38.521-2 | 0591 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215263 | Add missing LO retrieval step in ULCA carrier leakage test procedure | Qualcomm Wireless GmbH | 38.521-2 | 0592 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216089 | Add missing LO retrieval step in ULCA carrier leakage test procedure | Qualcomm Wireless GmbH | 38.521-2 | 0592 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215264 | Editorial corrections for various test cases | Qualcomm Wireless GmbH | 38.521-2 | 0593 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215859 | Editorial corrections for various test cases | Qualcomm Wireless GmbH | 38.521-2 | 0593 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215265 | FR2 Spur emissions test config table updates and editor notes clean up | Qualcomm Wireless GmbH | 38.521-2 | 0594 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216090 | FR2 Spur emissions test config table updates and editor notes clean up | Qualcomm Wireless GmbH | 38.521-2 | 0594 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215273 | Correction of FR2 Carrier Leakage Test Case | Sporton, Keysight technologies UK Ltd | 38.521-2 | 0595 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215860 | Correction of FR2 Carrier Leakage Test Case | Sporton, Keysight technologies UK Ltd | 38.521-2 | 0595 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215322 | Correction of power control in 38.521-2 | Anritsu | 38.521-2 | 0596 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216091 | Correction of power control in 38.521-2 | Anritsu | 38.521-2 | 0596 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215325 | Correction of ON OFF time mask in 38.521-2 | Anritsu | 38.521-2 | 0597 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215329 | Correction to MU and TT for spurious emission band UE co-existence | Anritsu | 38.521-2 | 0598 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215339 | Editors note correction to reference sensitivity for CA | Anritsu | 38.521-2 | 0599 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215861 | Editors note correction to reference sensitivity for CA | Anritsu | 38.521-2 | 0599 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215369 | Update of TC6.2D.1 UE maximum output power for UL MIMO | SGS Wireless | 38.521-2 | 0600 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215454 | Update of 5.5A.2 for intra-band non-contiguous CA configuration table | ZTE Corporation | 38.521-2 | 0601 | - | Rel-16 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-215807 | Update of 5.5A.2 for intra-band non-contiguous CA configuration table | ZTE Corporation | 38.521-2 | 0601 | 1 | Rel-16 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | withdrawn |
| R5-215455 | Update of 5.5A.1 for intra-band contiguous CA configuration table | ZTE Corporation | 38.521-2 | 0602 | - | Rel-16 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-216063 | Update of 5.5A.1 for intra-band contiguous CA configuration table | ZTE Corporation | 38.521-2 | 0602 | 1 | Rel-16 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215464 | Correct the abbreviations for network signalling value in 38.521-2 | ZTE Corporation | 38.521-2 | 0603 | - | Rel-16 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-215925 | Correct the abbreviations for network signalling value in 38.521-2 | ZTE Corporation | 38.521-2 | 0603 | 1 | Rel-16 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215468 | Update of beam peak search procedure | Rohde & Schwarz | 38.521-2 | 0604 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215473 | Clarification of PCC for FR2 DL CA | ROHDE & SCHWARZ | 38.521-2 | 0605 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215474 | Correction of common UL configuration | ROHDE & SCHWARZ | 38.521-2 | 0606 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215477 | Update of transmit modulation quality test cases | ROHDE & SCHWARZ | 38.521-2 | 0607 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215509 | Updating n259 TT in TS38.521-2 | DOCOMO Communications Lab. | 38.521-2 | 0608 | - | Rel-16 | F | NR\_bands\_BW\_R16-UEConTest | withdrawn |
| R5-215517 | Minor correction on UL additional reference channels parameters for TDD 60kHz SCS | Keysight technologies UK Ltd, Qualcomm Incorporated | 38.521-2 | 0609 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215520 | Updates to spurious emission CA test points | Keysight technologies UK Ltd | 38.521-2 | 0610 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215532 | FR2 SA UL MIMO Out-of-band emissions initial conditions updates | Keysight technologies UK Ltd, Sporton | 38.521-2 | 0611 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216036 | FR2 SA UL MIMO Out-of-band emissions initial conditions updates | Keysight technologies UK Ltd, Sporton | 38.521-2 | 0611 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215534 | FR2 SA UL MIMO measurement uncertainties and test tolerances updates | Keysight technologies UK Ltd, Sporton | 38.521-2 | 0612 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215830 | FR2 SA UL MIMO measurement uncertainties and test tolerances updates | Keysight technologies UK Ltd, Sporton | 38.521-2 | 0612 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215535 | FR2 SA UL MIMO Maximum Power Reduction update | Keysight technologies UK Ltd, Sporton | 38.521-2 | 0613 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216037 | FR2 SA UL MIMO Maximum Power Reduction update | Keysight technologies UK Ltd, Sporton | 38.521-2 | 0613 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215542 | Editorial correction for Receiver Spurious Emissions Measurement Uncertainty | Keysight technologies UK Ltd | 38.521-2 | 0614 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215831 | Editorial correction for Receiver Spurious Emissions Measurement Uncertainty | Keysight technologies UK Ltd | 38.521-2 | 0614 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215557 | UE maximum output power for UL-MIMO | Apple Gesellschaft | 38.521-2 | 0615 | - | Rel-16 | F | NR\_eMIMO-UEConTest | withdrawn |
| R5-215558 | EIS spherical coverage for inter-band CA | Apple Gesellschaft | 38.521-2 | 0616 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | withdrawn |
| R5-215559 | DL CA BW Enhancement and CA REFSENS | Apple Gesellschaft | 38.521-2 | 0617 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | withdrawn |
| R5-215583 | MTSU and TT mapping related to Max Device Size | Keysight Technologies UK Ltd | 38.521-2 | 0618 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215584 | MTSU and TT mapping related to Max Device Size | Keysight Technologies UK Ltd | 38.521-2 | 0619 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215585 | MTSU and TT mapping related to Max Device Size | Keysight Technologies UK Ltd | 38.521-2 | 0620 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215617 | UE maximum output power for UL-MIMO | Apple Gesellschaft | 38.521-2 | 0621 | - | Rel-16 | F | NR\_eMIMO-UEConTest | revised |
| R5-216111 | UE maximum output power for UL-MIMO | Apple Gesellschaft | 38.521-2 | 0621 | 1 | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215618 | EIS spherical coverage for inter-band CA | Apple Gesellschaft | 38.521-2 | 0622 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-215619 | DL CA BW Enhancement and CA REFSENS | Apple Gesellschaft | 38.521-2 | 0623 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | revised |
| R5-215979 | DL CA BW Enhancement and CA REFSENS | Apple Gesellschaft | 38.521-2 | 0623 | 1 | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-215628 | Beam correspondence Measurement Uncertainties | Keysight technologies UK Ltd | 38.521-2 | 0624 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215631 | 38.521-2 CR FR2 ETC MU & TT updates | Keysight technologies UK Ltd | 38.521-2 | 0625 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216092 | 38.521-2 CR FR2 ETC MU & TT updates | Keysight technologies UK Ltd | 38.521-2 | 0625 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215634 | Updates to Rel.16 enhanced Beam Correspondence test | Apple Portugal | 38.521-2 | 0626 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | revised |
| R5-216081 | Updates to Rel.16 enhanced Beam Correspondence test | Apple Portugal | 38.521-2 | 0626 | 1 | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-215635 | Common clause updates to cover Rel.16 FR2 changes | Apple Portugal | 38.521-2 | 0627 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | revised |
| R5-215980 | Common clause updates to cover Rel.16 FR2 changes | Apple Portugal | 38.521-2 | 0627 | 1 | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-215636 | Updates to CSI-RS based beam correspondence minimum requirements | Apple Portugal | 38.521-2 | 0628 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-215637 | Updates to SSB based beam correspondence minimum requirements | Apple Portugal | 38.521-2 | 0629 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-215641 | Text correction to section clarifying leverage from NSA test coverage | Apple Portugal | 38.521-2 | 0630 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214188 | Update of R17 CADC configurations into TS38.521-3 clause 5 | China Telecommunications | 38.521-3 | 1030 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-214279 | Introduction of Rel-15 EN-DC DC\_1A\_n28A to spurious emission test cases | Ericsson | 38.521-3 | 1031 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216007 | Introduction of Rel-15 EN-DC DC\_1A\_n28A to spurious emission test cases | Ericsson | 38.521-3 | 1031 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214280 | Introduction of Rel-15 EN-DC DC\_1A\_n77A to spurious emission test cases | Ericsson | 38.521-3 | 1032 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214281 | Introduction of Rel-15 EN-DC DC\_1A\_n79A to spurious emission test cases | Ericsson | 38.521-3 | 1033 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214282 | Introduction of Rel-15 EN-DC DC\_3A\_n28A to spurious emission test cases | Ericsson, Orange | 38.521-3 | 1034 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214283 | Introduction of Rel-15 EN-DC DC\_3A\_n77A to spurious emission test cases | Ericsson | 38.521-3 | 1035 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214284 | Introduction of Rel-15 EN-DC DC\_7A\_n28A to spurious emission test cases | Ericsson, Orange | 38.521-3 | 1036 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216008 | Introduction of Rel-15 EN-DC DC\_7A\_n28A to spurious emission test cases | Ericsson, Orange | 38.521-3 | 1036 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214285 | Introduction of Rel-15 EN-DC DC\_19A\_n77A to spurious emission test cases | Ericsson | 38.521-3 | 1037 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215863 | Introduction of Rel-15 EN-DC DC\_19A\_n77A to spurious emission test cases | Ericsson | 38.521-3 | 1037 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214286 | Introduction of Rel-15 EN-DC DC\_19A\_n78A to spurious emission test cases | Ericsson | 38.521-3 | 1038 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215864 | Introduction of Rel-15 EN-DC DC\_19A\_n78A to spurious emission test cases | Ericsson | 38.521-3 | 1038 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214287 | Introduction of Rel-15 EN-DC DC\_19A\_n79A to spurious emission test cases | Ericsson | 38.521-3 | 1039 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215865 | Introduction of Rel-15 EN-DC DC\_19A\_n79A to spurious emission test cases | Ericsson | 38.521-3 | 1039 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214288 | Introduction of Rel-15 EN-DC DC\_20A\_n28A to spurious emission test cases | Ericsson, Orange, Huawei, HiSilicon | 38.521-3 | 1040 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216009 | Introduction of Rel-15 EN-DC DC\_20A\_n28A to spurious emission test cases | Ericsson, Orange, Huawei, HiSilicon | 38.521-3 | 1040 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214289 | Introduction of Rel-15 EN-DC DC\_20A\_n78A to spurious emission test cases | Ericsson, Huawei, HiSilicon | 38.521-3 | 1041 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215866 | Introduction of Rel-15 EN-DC DC\_20A\_n78A to spurious emission test cases | Ericsson, Huawei, HiSilicon | 38.521-3 | 1041 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214290 | Introduction of Rel-15 EN-DC DC\_21A\_n77A to spurious emission test cases | Ericsson | 38.521-3 | 1042 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214291 | Introduction of Rel-15 EN-DC DC\_21A\_n78A to spurious emission test cases | Ericsson | 38.521-3 | 1043 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214292 | Introduction of Rel-15 EN-DC DC\_21A\_n79A to spurious emission test cases | Ericsson | 38.521-3 | 1044 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214293 | Introduction of Rel-15 EN-DC DC\_28A\_n77A to spurious emission test cases | Ericsson | 38.521-3 | 1045 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214294 | Introduction of Rel-15 EN-DC DC\_28A\_n78A to spurious emission test cases | Ericsson | 38.521-3 | 1046 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214295 | Introduction of Rel-15 EN-DC DC\_28A\_n79A to spurious emission test cases | Ericsson | 38.521-3 | 1047 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215867 | Introduction of Rel-15 EN-DC DC\_28A\_n79A to spurious emission test cases | Ericsson | 38.521-3 | 1047 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214296 | Introduction of Rel-15 EN-DC DC\_42A\_n77A to spurious emission test cases | Ericsson | 38.521-3 | 1048 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214297 | Update of Rel-15 EN-DC DC\_1A\_n78A in spurious emission test cases | Ericsson | 38.521-3 | 1049 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216038 | Update of Rel-15 EN-DC DC\_1A\_n78A in spurious emission test cases | Ericsson | 38.521-3 | 1049 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214298 | Update of Rel-15 EN-DC DC\_3A\_n79A in spurious emission test cases | Ericsson | 38.521-3 | 1050 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214299 | Update of Rel-15 EN-DC DC\_5A\_n66A in spurious emission test cases | Ericsson | 38.521-3 | 1051 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214300 | Update of Rel-15 EN-DC DC\_5A\_n78A in spurious emission test cases | Ericsson | 38.521-3 | 1052 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215868 | Update of Rel-15 EN-DC DC\_5A\_n78A in spurious emission test cases | Ericsson | 38.521-3 | 1052 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214301 | Update of Rel-15 EN-DC DC\_7A\_n78A in spurious emission test cases | Ericsson, Orange | 38.521-3 | 1053 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214302 | Update of Rel-15 EN-DC DC\_11A\_n77A in spurious emission test cases | Ericsson | 38.521-3 | 1054 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214303 | Update of Rel-15 EN-DC DC\_11A\_n78A in spurious emission test cases | Ericsson | 38.521-3 | 1055 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214304 | Update of Rel-15 EN-DC DC\_11A\_n79A in spurious emission test cases | Ericsson | 38.521-3 | 1056 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214305 | Update of Rel-15 EN-DC DC\_25A\_n41A in spurious emission test cases | Ericsson | 38.521-3 | 1057 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215869 | Update of Rel-15 EN-DC DC\_25A\_n41A in spurious emission test cases | Ericsson | 38.521-3 | 1057 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214306 | Update of Rel-15 EN-DC DC\_26A\_n77A in spurious emission test cases | Ericsson | 38.521-3 | 1058 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216010 | Update of Rel-15 EN-DC DC\_26A\_n77A in spurious emission test cases | Ericsson | 38.521-3 | 1058 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214307 | Update of Rel-15 EN-DC DC\_26A\_n78A in spurious emission test cases | Ericsson | 38.521-3 | 1059 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214308 | Update of Rel-15 EN-DC DC\_39A\_n79A in spurious emission test cases | Ericsson | 38.521-3 | 1060 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214309 | Update of Rel-15 EN-DC DC\_41A\_n77A in spurious emission test cases | Ericsson | 38.521-3 | 1061 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214310 | Update of Rel-15 EN-DC DC\_41A\_n78A in spurious emission test cases | Ericsson | 38.521-3 | 1062 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214311 | Update of Rel-15 EN-DC DC\_41A\_n79A in spurious emission test cases | Ericsson | 38.521-3 | 1063 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214312 | Update of Rel-15 EN-DC DC\_66A\_n5A in spurious emission test cases | Ericsson | 38.521-3 | 1064 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214313 | Update of Rel-15 EN-DC DC\_66A\_n78A in spurious emission test cases | Ericsson | 38.521-3 | 1065 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214317 | Update of Rel-16 EN-DC DC\_40A\_n1A in spurious emission test cases | Ericsson | 38.521-3 | 1066 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-214318 | Update of Rel-16 EN-DC DC\_40A\_n78A in spurious emission test cases | Ericsson | 38.521-3 | 1067 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-214319 | Updating clause 6 for Rel-17 EN-DC combinations in TS 38.521-3 | China Telecommunications | 38.521-3 | 1068 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-215805 | Updating clause 6 for Rel-17 EN-DC combinations in TS 38.521-3 | China Telecommunications | 38.521-3 | 1068 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | withdrawn |
| R5-214335 | Clarification of SA and NSA support in the UE | Ericsson | 38.521-3 | 1069 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215870 | Clarification of SA and NSA support in the UE | Ericsson | 38.521-3 | 1069 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214384 | Update clause 7 for R17 DC RX characteristics in TS 38.521-3 | China Telecommunications | 38.521-3 | 1070 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-214481 | Update of Applicability and Titles for ACS for EN-DC within FR1 | CMCC | 38.521-3 | 1071 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214483 | Clarification on NSA Option 3 Tx test cases | CMCC | 38.521-3 | 1072 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214484 | Clarification on NSA Option 3 Rx test cases | CMCC | 38.521-3 | 1073 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214485 | Addition of 6.4B.1.3A Frequency Error for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1074 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215871 | Addition of 6.4B.1.3A Frequency Error for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1074 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214486 | Addition of 6.4B.2.3A.1 Error Vector Magnitude for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1075 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215872 | Addition of 6.4B.2.3A.1 Error Vector Magnitude for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1075 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214487 | Addition of 6.4B.2.3A.2 Carrier Leakage for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1076 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215873 | Addition of 6.4B.2.3A.2 Carrier Leakage for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1076 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214488 | Addition of 6.4B.2.3A.3 In-band Emissions for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1077 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215874 | Addition of 6.4B.2.3A.3 In-band Emissions for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1077 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214489 | Addition of 6.4B.2.3A.4 EVM Equalizer Flatnessfor inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1078 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214490 | Addition of 6.5B.2.3A.1 Spectrum emissions mask for Inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1079 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215875 | Addition of 6.5B.2.3A.1 Spectrum emissions mask for Inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1079 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214491 | Addition of 6.5B.2.3A.2 Additional Spectrum emissions mask for Inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1080 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215876 | Addition of 6.5B.2.3A.2 Additional Spectrum emissions mask for Inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1080 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214492 | Addition of 6.5B.2.3A.3 Adjacent channel leakage ratio for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1081 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215877 | Addition of 6.5B.2.3A.3 Adjacent channel leakage ratio for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1081 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214493 | Addition of 6.5B.3.3A.1 General Spurious Emissions for Inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1082 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215878 | Addition of 6.5B.3.3A.1 General Spurious Emissions for Inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1082 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214494 | Addition of 6.5B.3.3A.2 Spurious Emission band UE co-existence for Inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1083 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214495 | Addition of 6.5B.5.3A Transmit Intermodulation for Inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1084 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215879 | Addition of 6.5B.5.3A Transmit Intermodulation for Inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1084 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214496 | Addition of 7.3B.2.3A Reference sensitivity for Inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1085 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214497 | Addition of 7.4B.3A Maximum Input Level for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1086 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215891 | Addition of 7.4B.3A Maximum Input Level for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1086 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214498 | Addition of 7.5B.3A ACS for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1087 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215892 | Addition of 7.5B.3A ACS for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1087 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214499 | Addition of 7.6B.2.3A In-band blocking for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1088 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215893 | Addition of 7.6B.2.3A In-band blocking for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1088 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214500 | Addition of 7.6B.4.3A Narrow band blocking for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1089 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215894 | Addition of 7.6B.4.3A Narrow band blocking for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1089 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214501 | Addition of 7.8B.2.3A Wide band Intermodulation for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1090 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215895 | Addition of 7.8B.2.3A Wide band Intermodulation for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1090 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214502 | Addition of 7.9B.3A Spurious Emissions for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1091 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215896 | Addition of 7.9B.3A Spurious Emissions for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1091 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214503 | Update of Annex F.1.3 for ACS for inter-band NE-DC within FR1 2CCs | CMCC | 38.521-3 | 1092 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214504 | Addition of 7.5B.0.4a Inter-band NE-DC including FR2 | CMCC | 38.521-3 | 1093 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215897 | Addition of 7.5B.0.4a Inter-band NE-DC including FR2 | CMCC | 38.521-3 | 1093 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214846 | Correction to EN-DC receiver spurious emission test cases | Anritsu | 38.521-3 | 1094 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214906 | Editorial correction to test applicability in 6.2B.1.4\_1.1.1 | TTA | 38.521-3 | 1095 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215880 | Editorial correction to test applicability in 6.2B.1.4\_1.1.1 | TTA | 38.521-3 | 1095 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215047 | Correcting references in EN-DC TX test cases | Ericsson | 38.521-3 | 1096 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215058 | Addition of spurious emission for DC 1A\_n78A and 20A\_n78A and 28A\_n78A | Huawei, HiSilicon, Ericsson | 38.521-3 | 1097 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215881 | Addition of spurious emission for DC 1A\_n78A and 20A\_n78A and 28A\_n78A | Huawei, HiSilicon, Ericsson | 38.521-3 | 1097 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215061 | Update of REFSENS for inter-band EN-DC 2CC adding DC\_28A\_n78A | Huawei, HiSilicon | 38.521-3 | 1098 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215062 | Update of REFSENS for inter-band EN-DC 3CC adding DC\_1A-28A\_n78A | Huawei, HiSilicon | 38.521-3 | 1099 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215063 | Update of REFSENS for inter-band EN-DC 3CC adding DC\_3A-28A\_n78A | Huawei, HiSilicon | 38.521-3 | 1100 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215131 | Clarification on cl 4.5.1 test coverage across 5G NR architecture options for RF | CMCC, Qualcomm, Ericsson | 38.521-3 | 1101 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216022 | Clarification on cl 4.5.1 test coverage across 5G NR architecture options for RF | CMCC, Qualcomm, Ericsson | 38.521-3 | 1101 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215133 | Clarification on cl 3A.1.1 test coverage across 5G NR architecture options for RRM | CMCC, Qualcomm, Ericsson | 38.521-3 | 1102 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215141 | Update of TC6.3B.1.4D Minimum output power for inter-band EN-DC including FR2 for UL-MIMO | SGS Wireless | 38.521-3 | 1103 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215802 | Update of TC6.3B.1.4D Minimum output power for inter-band EN-DC including FR2 for UL-MIMO | SGS Wireless | 38.521-3 | 1103 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215142 | Addition of TC6.3B.2.4D Transmit OFF Power for inter-band EN-DC including FR2 for UL-MIMO | SGS Wireless | 38.521-3 | 1104 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215882 | Addition of TC6.3B.2.4D Transmit OFF Power for inter-band EN-DC including FR2 for UL-MIMO | SGS Wireless | 38.521-3 | 1104 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215143 | Update of TC6.3B.3.4 Transmit ON/OFF time mask for inter-band EN-DC including FR2 (1 NR CC) | SGS Wireless | 38.521-3 | 1105 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215144 | Addition of TC6.3B.3.4D Transmit ON/OFF time mask for inter-band EN-DC including FR2 for UL-MIMO | SGS Wireless | 38.521-3 | 1106 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215883 | Addition of TC6.3B.3.4D Transmit ON/OFF time mask for inter-band EN-DC including FR2 for UL-MIMO | SGS Wireless | 38.521-3 | 1106 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215145 | Addition of TC6.3B.4.4 PRACH Time Mask for inter-band EN-DC including FR2 | SGS Wireless | 38.521-3 | 1107 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215884 | Addition of TC6.3B.4.4 PRACH Time Mask for inter-band EN-DC including FR2 | SGS Wireless | 38.521-3 | 1107 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215194 | Correction to 6.2B.2.1 MPR for intra-band contiguous EN-DC | Huawei, HiSilicon | 38.521-3 | 1108 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215195 | Correction to 6.2B.2.2 MPR for intra-band non-contiguous EN-DC | Huawei, HiSilicon | 38.521-3 | 1109 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215196 | Update of test applicability for 6.2B.2 MPR and 6.2B.3 A-MPR for inter-band EN-DC | Huawei, HiSilicon | 38.521-3 | 1110 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215885 | Update of test applicability for 6.2B.2 MPR and 6.2B.3 A-MPR for inter-band EN-DC | Huawei, HiSilicon | 38.521-3 | 1110 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215207 | Cleanup for TS 38.521-3 spurious emission for UE co-existence table for Rel-15 | Apple Italia S.R.L. | 38.521-3 | 1111 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216011 | Cleanup for TS 38.521-3 spurious emission for UE co-existence table for Rel-15 | Apple Italia S.R.L. | 38.521-3 | 1111 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215208 | Cleanup for TS 38.521-3 spurious emission for UE co-existence table Rel-16 | Apple Italia S.R.L. | 38.521-3 | 1112 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216012 | Cleanup for TS 38.521-3 spurious emission for UE co-existence table Rel-16 | Apple Italia S.R.L. | 38.521-3 | 1112 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215209 | Correction to 6.5B.2.1.1 SEM for intra-band contiguous EN-DC | Huawei, HiSilicon | 38.521-3 | 1113 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215210 | Correction to 6.5B.2.1.3 ACLR for intra-band contiguous EN-DC | Huawei, HiSilicon | 38.521-3 | 1114 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215211 | Correction to 6.5B.2.2.1 SEM for intra-band non-contiguous EN-DC | Huawei, HiSilicon | 38.521-3 | 1115 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216119 | Correction to 6.5B.2.2.1 SEM for intra-band non-contiguous EN-DC | Huawei, HiSilicon | 38.521-3 | 1115 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215212 | Correction to 6.5B.2.2.3 ACLR for intra-band non-contiguous EN-DC | Huawei, HiSilicon | 38.521-3 | 1116 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216120 | Correction to 6.5B.2.2.3 ACLR for intra-band non-contiguous EN-DC | Huawei, HiSilicon | 38.521-3 | 1116 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215216 | Update of general spurious emissions test requirements for Rel-16 inter-band EN-DC | Huawei, HiSilicon | 38.521-3 | 1117 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-216015 | Update of general spurious emissions test requirements for Rel-16 inter-band EN-DC | Huawei, HiSilicon | 38.521-3 | 1117 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215223 | Correction to 6.5B.3.1.2 and 6.5B.3.2.2 UE co-existence spurious emissions | Huawei, HiSilicon | 38.521-3 | 1118 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215228 | Correction to 6.4B.2 in-band emission for intra-band contiguous EN-DC | Huawei, HiSilicon | 38.521-3 | 1119 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215230 | Addition of test case body to 6.5B.5 transmit intermodulation | Huawei, HiSilicon | 38.521-3 | 1120 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215231 | Update of MOP requirements for DC\_3A\_n3A | Huawei, HiSilicon | 38.521-3 | 1121 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215886 | Update of MOP requirements for DC\_3A\_n3A | Huawei, HiSilicon | 38.521-3 | 1121 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215232 | Addition of reference sensitivity testing for DC\_1A\_n28A-n78A | Huawei, HiSilicon | 38.521-3 | 1122 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215233 | Addition of reference sensitivity testing for DC\_1A-3A\_n28A | Huawei, HiSilicon | 38.521-3 | 1123 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215234 | Addition of reference sensitivity testing for DC\_1A-7A\_n28A | Huawei, HiSilicon | 38.521-3 | 1124 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215235 | Addition of reference sensitivity testing for DC\_3A-7A\_n28A | Huawei, HiSilicon | 38.521-3 | 1125 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215254 | Update of reference sensitivity test requirements for DC\_41A\_n77A and DC\_41A\_n78A | Huawei, HiSilicon | 38.521-3 | 1126 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215255 | Correction to reference sensitivity test configuration for 3CC EN-DC | Huawei, HiSilicon | 38.521-3 | 1127 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215256 | Update of reference sensitivity test coverage for 3CC EN-DC configurations | Huawei, HiSilicon | 38.521-3 | 1128 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216094 | Update of reference sensitivity test coverage for 3CC EN-DC configurations | Huawei, HiSilicon | 38.521-3 | 1128 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215257 | Update of reference sensitivity test coverage for 4CC EN-DC configurations | Huawei, HiSilicon | 38.521-3 | 1129 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215266 | Added refsens deltaRIB test case for EN-DC including FR1 and FR2 | Qualcomm Wireless GmbH | 38.521-3 | 1130 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215268 | Updated EN-DC spur emissions including FR2 editor notes | Qualcomm Wireless GmbH | 38.521-3 | 1131 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215887 | Updated EN-DC spur emissions including FR2 editor notes | Qualcomm Wireless GmbH | 38.521-3 | 1131 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215272 | Updated editors note to indicate missing LO retrieval RRC framework | Qualcomm Wireless GmbH | 38.521-3 | 1132 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216093 | Updated editors note to indicate missing LO retrieval RRC framework | Qualcomm Wireless GmbH | 38.521-3 | 1132 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215288 | Updating 7.3B.2.3 REFSENS testing for DC\_3A\_n28A-n78A | Huawei, Hisilicon | 38.521-3 | 1133 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215898 | Updating 7.3B.2.3 REFSENS testing for DC\_3A\_n28A-n78A | Huawei, Hisilicon | 38.521-3 | 1133 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215290 | Updating 7.3B.2.3 REFSENS testing for DC\_7A\_n28A-n78A | Huawei, Hisilicon | 38.521-3 | 1134 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215899 | Updating 7.3B.2.3 REFSENS testing for DC\_7A\_n28A-n78A | Huawei, Hisilicon | 38.521-3 | 1134 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215292 | Updating 7.3B.2.3 REFSENS testing for DC\_3A-20A\_n28A | Huawei, Hisilicon | 38.521-3 | 1135 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215294 | Updating 7.3B.2.3 REFSENS testing for DC\_7A-20A\_n28A | Huawei, Hisilicon | 38.521-3 | 1136 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215296 | Editorial correction to clause 7.3B.2.0.3 | Huawei, Hisilicon | 38.521-3 | 1137 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215323 | Correction of power control in 38.521-3 | Anritsu | 38.521-3 | 1138 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215326 | Correction of ON OFF time mask in 38.521-3 | Anritsu | 38.521-3 | 1139 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215337 | Correction of test CBW for n28 in 6.2B.1.3 | Anritsu | 38.521-3 | 1140 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215338 | Editors note correction to reference sensitivity for inter-band EN-DC including FR2 | Anritsu | 38.521-3 | 1141 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215900 | Editors note correction to reference sensitivity for inter-band EN-DC including FR2 | Anritsu | 38.521-3 | 1141 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215376 | Update to EN-DC R15 common section | Bureau Veritas | 38.521-3 | 1142 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215377 | Update to EN-DC R16 common section | Bureau Veritas, Apple Portugal | 38.521-3 | 1143 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-215928 | Update to EN-DC R16 common section | Bureau Veritas, Apple Portugal | 38.521-3 | 1143 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215378 | Update to EN-DC R17 common section | Bureau Veritas, China Unicom | 38.521-3 | 1144 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-215379 | Update of R15 EN-DC Tx tests | Bureau Veritas | 38.521-3 | 1145 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215380 | Update of applicability and title for R16 EN-DC Tx tests | Bureau Veritas | 38.521-3 | 1146 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215381 | Updated to title of clause 6.5B.5.x | Bureau Veritas | 38.521-3 | 1147 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215384 | Update of cl 6.2B.1.1 for RF | CMCC, Qualcomm | 38.521-3 | 1148 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215385 | Update of cl 6.2B.1.2 for RF | CMCC, Qualcomm | 38.521-3 | 1149 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215386 | Update of cl 6.2B.1.3 for RF | CMCC, Qualcomm | 38.521-3 | 1150 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215813 | Update of cl 6.2B.1.3 for RF | CMCC, Qualcomm | 38.521-3 | 1150 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215387 | Update of cl 7.3B.2.1 for RF | CMCC, Qualcomm | 38.521-3 | 1151 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215388 | Update of cl 7.3B.2.2 for RF | CMCC, Qualcomm | 38.521-3 | 1152 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215389 | Update of cl 7.3B.2.3 for RF | CMCC, Qualcomm | 38.521-3 | 1153 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215451 | Update of 6.5B.3.3.2.3 for the requirements of spurious emission band UE co-existence limits for Rel-16 | ZTE Corporation | 38.521-3 | 1154 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-216016 | Update of 6.5B.3.3.2.3 for the requirements of spurious emission band UE co-existence limits for Rel-16 | ZTE Corporation | 38.521-3 | 1154 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215460 | Correction of 5.4B.1 for channel spacing for intra-band EN-DC carriers | ZTE Corporation | 38.521-3 | 1155 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215475 | Addition of test case 6.4B.2.4.5 | ROHDE & SCHWARZ | 38.521-3 | 1156 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215888 | Addition of test case 6.4B.2.4.5 | ROHDE & SCHWARZ | 38.521-3 | 1156 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215508 | Updating Rel-17 NR inter-band CA configuration | DOCOMO Communications Lab. | 38.521-3 | 1157 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | withdrawn |
| R5-215510 | Updating test frequencies for Rel-16 inter-band EN-DC configurations | DOCOMO Communications Lab. | 38.521-3 | 1158 | - | Rel-16 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | withdrawn |
| R5-215519 | Spurious co-existence core requirement updates for Dual connectivity including band n28 and other core requirement alignments | Keysight technologies UK Ltd, Orange | 38.521-3 | 1159 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216131 | Spurious co-existence core requirement updates for Dual connectivity including band n28 and other core requirement alignments | Keysight technologies UK Ltd, Orange | 38.521-3 | 1159 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215521 | Updates to Editors note for spurious emission CA test case | Keysight technologies UK Ltd | 38.521-3 | 1160 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215522 | Spurious co-existence corrections for band combo DC\_8\_n41 | Keysight technologies UK Ltd, Ericsson | 38.521-3 | 1161 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-215926 | Spurious co-existence corrections for band combo DC\_8\_n41 | Keysight technologies UK Ltd, Ericsson | 38.521-3 | 1161 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215525 | EN-DC including FR2 DL CA up to 8 NR CCs REFSENS test cases addition | Keysight technologies UK Ltd | 38.521-3 | 1162 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215832 | EN-DC including FR2 DL CA up to 8 NR CCs REFSENS test cases addition | Keysight technologies UK Ltd | 38.521-3 | 1162 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215526 | EN-DC including FR2 DL CA up to 8 NR CCs REFSENS test cases addition | Keysight technologies UK Ltd | 38.521-3 | 1163 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215528 | Occupied bandwidth for Intra-Band Contiguous EN-DC measurement uncertainty - notes | Keysight technologies UK Ltd | 38.521-3 | 1164 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215816 | Occupied bandwidth for Intra-Band Contiguous EN-DC measurement uncertainty - notes | Keysight technologies UK Ltd | 38.521-3 | 1164 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215529 | Occupied bandwidth for Intra-Band Contiguous EN-DC measurement uncertainty | Keysight technologies UK Ltd | 38.521-3 | 1165 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215817 | Occupied bandwidth for Intra-Band Contiguous EN-DC measurement uncertainty | Keysight technologies UK Ltd | 38.521-3 | 1165 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215537 | Editorial corrections to Spectrum emissions mask for intra-band contiguous EN-DC | Keysight technologies UK Ltd | 38.521-3 | 1166 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215538 | Message content updates for intra-band contiguous EN-DC additional spectrum emission mask test | Keysight technologies UK Ltd | 38.521-3 | 1167 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215889 | Message content updates for intra-band contiguous EN-DC additional spectrum emission mask test | Keysight technologies UK Ltd | 38.521-3 | 1167 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215539 | Message contents addition for intra-band non contiguous EN-DC SEM, A-SEM and ACLR test cases | Keysight technologies UK Ltd | 38.521-3 | 1168 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215890 | Message contents addition for intra-band non contiguous EN-DC SEM, A-SEM and ACLR test cases | Keysight technologies UK Ltd | 38.521-3 | 1168 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215540 | Measurement Uncertainties and test tolerances for NSA FR2 CA Maximum Output Power and Spectrum Emission Mask | Keysight technologies UK Ltd | 38.521-3 | 1169 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215833 | Measurement Uncertainties and test tolerances for NSA FR2 CA Maximum Output Power and Spectrum Emission Mask | Keysight technologies UK Ltd | 38.521-3 | 1169 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215567 | Update for 6.5B.3.3.1 for Rel 15 combos | Qualcomm Austria RFFE GmbH | 38.521-3 | 1170 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216013 | Update for 6.5B.3.3.1 for Rel 15 combos | Qualcomm Austria RFFE GmbH | 38.521-3 | 1170 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215568 | Update for reference sensitivity for DC\_48A\_n66A | Qualcomm Austria RFFE GmbH | 38.521-3 | 1171 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216108 | Update for reference sensitivity for DC\_48A\_n66A | Qualcomm Austria RFFE GmbH | 38.521-3 | 1171 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215569 | TP analysis for DC\_48A\_n66A | Qualcomm Austria RFFE GmbH | 38.521-3 | 1172 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215570 | Update for 6.5B.3.3.1 for Rel 16 combos | Qualcomm Austria RFFE GmbH | 38.521-3 | 1173 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-215927 | Update for 6.5B.3.3.1 for Rel 16 combos | Qualcomm Austria RFFE GmbH | 38.521-3 | 1173 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215571 | Update for 6.5B.3.3.2 Spurious emission band UE co-existence | Qualcomm Austria RFFE GmbH | 38.521-3 | 1174 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-215810 | Update for 6.5B.3.3.2 Spurious emission band UE co-existence | Qualcomm Austria RFFE GmbH | 38.521-3 | 1174 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | withdrawn |
| R5-215572 | CR coversheet:  Update for 6.5B.3.3.2 Spurious emission band UE co-existence | Qualcomm Austria RFFE GmbH | 38.521-3 | 1175 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215811 | CR coversheet:  Update for 6.5B.3.3.2 Spurious emission band UE co-existence | Qualcomm Austria RFFE GmbH | 38.521-3 | 1175 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215629 | Beam correspondence Measurement Uncertainties | Keysight technologies UK Ltd | 38.521-3 | 1176 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215639 | Update to Rel.16 EN-DC FR2 Band Combination Tables | Apple Portugal | 38.521-3 | 1177 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | withdrawn |
| R5-215640 | Update to Rel.15 EN-DC FR2 Band Combination Tables | Apple Portugal | 38.521-3 | 1178 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216095 | Update to Rel.15 EN-DC FR2 Band Combination Tables | Apple Portugal | 38.521-3 | 1178 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215668 | Correcting references in EN-DC RX test cases | Ericsson | 38.521-3 | 1179 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215673 | EN-DC including FR2 DL CA up to 8 NR CCs REFSENS measurement uncertainties | Keysight technologies UK Ltd | 38.521-3 | 1180 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215804 | Update of 6.5B.2.3 out of band emissions for inter-band EN-DC | Huawei, HiSilicon | 38.521-3 | 1181 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215808 | Addition of cl 6.2B.1.3A for RF | CMCC, Qualcomm, Ericsson | 38.521-3 | 1182 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216039 | Addition of cl 6.2B.1.3A for RF | CMCC, Qualcomm, Ericsson | 38.521-3 | 1182 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214203 | Update of FR2 demod test cases | ROHDE & SCHWARZ, Anritsu, Qualcomm | 38.521-4 | 0336 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216096 | Update of FR2 demod test cases | ROHDE & SCHWARZ, Anritsu, Qualcomm | 38.521-4 | 0336 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214532 | Addition of FR2 DL 256QAM demodulation test case | China Telecom | 38.521-4 | 0337 | - | Rel-16 | F | NR\_DL256QAM\_FR2-UEConTest | revised |
| R5-216076 | Addition of FR2 DL 256QAM demodulation test case | China Telecom | 38.521-4 | 0337 | 1 | Rel-16 | F | NR\_DL256QAM\_FR2-UEConTest | agreed |
| R5-214533 | Updates on FRC for FR2 DL 256QAM | China Telecom | 38.521-4 | 0338 | - | Rel-16 | F | NR\_DL256QAM\_FR2-UEConTest | agreed |
| R5-214557 | Updates to PDSCH Demodulation Performance for 2DL CA | Qualcomm CDMA Technologies | 38.521-4 | 0339 | - | Rel-16 | F | NR\_perf\_enh-UEConTest | revised |
| R5-215942 | Updates to PDSCH Demodulation Performance for 2DL CA | Qualcomm CDMA Technologies | 38.521-4 | 0339 | 1 | Rel-16 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-214566 | Addition of 2Rx TDD FR1 PDCCH 1 Tx antenna performance for power saving test case | CATT | 38.521-4 | 0340 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-216072 | Addition of 2Rx TDD FR1 PDCCH 1 Tx antenna performance for power saving test case | CATT | 38.521-4 | 0340 | 1 | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-214567 | Addition of 4Rx TDD FR1 PDCCH 1 Tx antenna performance for power saving test case | CATT | 38.521-4 | 0341 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-216073 | Addition of 4Rx TDD FR1 PDCCH 1 Tx antenna performance for power saving test case | CATT | 38.521-4 | 0341 | 1 | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-214568 | Addition of 2Rx TDD FR2 PDCCH 1 Tx antenna performance for power saving test case | CATT | 38.521-4 | 0342 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-216074 | Addition of 2Rx TDD FR2 PDCCH 1 Tx antenna performance for power saving test case | CATT | 38.521-4 | 0342 | 1 | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-214569 | Update of Annex F for test cases of demodulation for power saving | CATT, Huawei, HiSilicon | 38.521-4 | 0343 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-215937 | Update of Annex F for test cases of demodulation for power saving | CATT, Huawei, HiSilicon | 38.521-4 | 0343 | 1 | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-214847 | Correction to maximum testable SNR for FR2 tests | Anritsu | 38.521-4 | 0344 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214889 | Update Applicability of requirement for HST-DPS and multi-TRxP test cases | Apple Italia S.R.L. | 38.521-4 | 0345 | - | Rel-16 | F | NR\_HST-UEConTest | revised |
| R5-215944 | Update Applicability of requirement for HST-DPS and multi-TRxP test cases | Apple Italia S.R.L. | 38.521-4 | 0345 | 1 | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-214901 | Update FR2 RI test configuration update for TS 38.521-4 | Apple Italia S.R.L. | 38.521-4 | 0346 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215901 | Update FR2 RI test configuration update for TS 38.521-4 | Apple Italia S.R.L. | 38.521-4 | 0346 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215017 | Addition of NR PS Demod TC 5.3.2.1.3-FR1 FDD 2Rx | Huawei,Hisilicon | 38.521-4 | 0347 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-216112 | Addition of NR PS Demod TC 5.3.2.1.3-FR1 FDD 2Rx | Huawei,Hisilicon | 38.521-4 | 0347 | 1 | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-215018 | Addition of NR PS Demod TC 5.3.3.1.3-FR1 FDD 4Rx | Huawei,Hisilicon | 38.521-4 | 0348 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-216113 | Addition of NR PS Demod TC 5.3.3.1.3-FR1 FDD 4Rx | Huawei,Hisilicon | 38.521-4 | 0348 | 1 | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-215029 | Addition of NR HST Demod TC 5.2.2.1.1\_3 - 2Rx FDD type A | Huawei,Hisilicon | 38.521-4 | 0349 | - | Rel-16 | F | NR\_HST-UEConTest | revised |
| R5-215945 | Addition of NR HST Demod TC 5.2.2.1.1\_3 - 2Rx FDD type A | Huawei,Hisilicon | 38.521-4 | 0349 | 1 | Rel-16 | F | NR\_HST-UEConTest | not pursued |
| R5-215030 | Addition of NR HST Demod TC 5.2.2.1.9 - HST SFN | Huawei,Hisilicon | 38.521-4 | 0350 | - | Rel-16 | F | NR\_HST-UEConTest | revised |
| R5-215946 | Addition of NR HST Demod TC 5.2.2.1.9 - HST SFN | Huawei,Hisilicon | 38.521-4 | 0350 | 1 | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-215031 | Addition of NR HST Demod TC 5.2.2.1.10 - HST DPS | Huawei,Hisilicon | 38.521-4 | 0351 | - | Rel-16 | F | NR\_HST-UEConTest | revised |
| R5-215947 | Addition of NR HST Demod TC 5.2.2.1.10 - HST DPS | Huawei,Hisilicon | 38.521-4 | 0351 | 1 | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-215032 | Addition of NR HST Demod TC 5.2.2.2.1\_3 2Rx TDD type A | Huawei,Hisilicon | 38.521-4 | 0352 | - | Rel-16 | F | NR\_HST-UEConTest | not pursued |
| R5-215065 | Core spec alignment of RMC | Huawei, HiSilicon | 38.521-4 | 0353 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215081 | Addition of eMIMO demod test case 5.2.2.1.12 | Huawei, HiSilicon | 38.521-4 | 0354 | - | Rel-16 | F | NR\_eMIMO-UEConTest | revised |
| R5-216126 | Addition of eMIMO demod test case 5.2.2.1.12 | Huawei, HiSilicon | 38.521-4 | 0354 | 1 | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215082 | Addition of eMIMO demod test case 5.2.2.1.13 | Huawei, HiSilicon | 38.521-4 | 0355 | - | Rel-16 | F | NR\_eMIMO-UEConTest | revised |
| R5-216127 | Addition of eMIMO demod test case 5.2.2.1.13 | Huawei, HiSilicon | 38.521-4 | 0355 | 1 | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215083 | Addition of eMIMO demod test case 5.2.2.1.14 | Huawei, HiSilicon | 38.521-4 | 0356 | - | Rel-16 | F | NR\_eMIMO-UEConTest | revised |
| R5-216128 | Addition of eMIMO demod test case 5.2.2.1.14 | Huawei, HiSilicon | 38.521-4 | 0356 | 1 | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215084 | Addition of eMIMO demod test case 5.2.2.2.12 | Huawei, HiSilicon | 38.521-4 | 0357 | - | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215085 | Addition of eMIMO demod test case 5.2.2.2.13 | Huawei, HiSilicon | 38.521-4 | 0358 | - | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215086 | Addition of eMIMO demod test case 5.2.2.2.14 | Huawei, HiSilicon | 38.521-4 | 0359 | - | Rel-16 | F | NR\_eMIMO-UEConTest | revised |
| R5-216071 | Addition of eMIMO demod test case 5.2.2.2.14 | Huawei, HiSilicon | 38.521-4 | 0359 | 1 | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215087 | Addition of eMIMO demod test case 5.2.3.1.12 | Huawei, HiSilicon | 38.521-4 | 0360 | - | Rel-16 | F | NR\_eMIMO-UEConTest | revised |
| R5-215934 | Addition of eMIMO demod test case 5.2.3.1.12 | Huawei, HiSilicon | 38.521-4 | 0360 | 1 | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215088 | Addition of eMIMO demod test case 5.2.3.1.13 | Huawei, HiSilicon | 38.521-4 | 0361 | - | Rel-16 | F | NR\_eMIMO-UEConTest | revised |
| R5-216129 | Addition of eMIMO demod test case 5.2.3.1.13 | Huawei, HiSilicon | 38.521-4 | 0361 | 1 | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215089 | Addition of eMIMO demod test case 5.2.3.1.14 | Huawei, HiSilicon | 38.521-4 | 0362 | - | Rel-16 | F | NR\_eMIMO-UEConTest | revised |
| R5-216130 | Addition of eMIMO demod test case 5.2.3.1.14 | Huawei, HiSilicon | 38.521-4 | 0362 | 1 | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215090 | Addition of eMIMO demod test case 5.2.3.2.12 | Huawei, HiSilicon | 38.521-4 | 0363 | - | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215091 | Addition of eMIMO demod test case 5.2.3.2.13 | Huawei, HiSilicon | 38.521-4 | 0364 | - | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215092 | Addition of eMIMO demod test case 5.2.3.2.14 | Huawei, HiSilicon | 38.521-4 | 0365 | - | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215093 | Adding FRC for eMIMO demod test cases | Huawei, HiSilicon | 38.521-4 | 0366 | - | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215094 | Adding MU and TT for eMIMO demod test cases | Huawei, HiSilicon | 38.521-4 | 0367 | - | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215098 | Completing CQI reporting test case with 256QAM | Huawei, HiSilicon | 38.521-4 | 0368 | - | Rel-16 | F | NR\_DL256QAM\_FR2-UEConTest | revised |
| R5-215950 | Completing CQI reporting test case with 256QAM | Huawei, HiSilicon | 38.521-4 | 0368 | 1 | Rel-16 | F | NR\_DL256QAM\_FR2-UEConTest | agreed |
| R5-215100 | Addition of URLLC demod test case 5.2.2.1.7 | Huawei, HiSilicon | 38.521-4 | 0369 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-215952 | Addition of URLLC demod test case 5.2.2.1.7 | Huawei, HiSilicon | 38.521-4 | 0369 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-215101 | Addition of URLLC demod test case 5.2.2.2.7 | Huawei, HiSilicon | 38.521-4 | 0370 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-215953 | Addition of URLLC demod test case 5.2.2.2.7 | Huawei, HiSilicon | 38.521-4 | 0370 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-215102 | Addition of URLLC demod test case 5.2.3.1.7 | Huawei, HiSilicon | 38.521-4 | 0371 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-216078 | Addition of URLLC demod test case 5.2.3.1.7 | Huawei, HiSilicon | 38.521-4 | 0371 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-215103 | Addition of URLLC demod test case 5.2.3.2.7 | Huawei, HiSilicon | 38.521-4 | 0372 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-215132 | Clarification on cl 4.6 test coverage across 5G NR architecture options for Demod | CMCC, Qualcomm, Ericsson | 38.521-4 | 0373 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216024 | Clarification on cl 4.6 test coverage across 5G NR architecture options for Demod | CMCC, Qualcomm, Ericsson | 38.521-4 | 0373 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215274 | Addition of 5.2.2.1.6 2Rx FDD FR1 PDSCH repetitions over multiple slots performance | Sporton, Huawei, HiSilicon | 38.521-4 | 0374 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-215954 | Addition of 5.2.2.1.6 2Rx FDD FR1 PDSCH repetitions over multiple slots performance | Sporton, Huawei, HiSilicon | 38.521-4 | 0374 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-215275 | Addition of 5.2.2.1.8 2Rx FDD FR1 PDSCH pre-emption performance | Sporton, Huawei, HiSilicon | 38.521-4 | 0375 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-215955 | Addition of 5.2.2.1.8 2Rx FDD FR1 PDSCH pre-emption performance | Sporton, Huawei, HiSilicon | 38.521-4 | 0375 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-215276 | Addition of 5.2.2.2.6 2Rx TDD FR1 PDSCH repetitions over multiple slots performance | Sporton | 38.521-4 | 0376 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-215956 | Addition of 5.2.2.2.6 2Rx TDD FR1 PDSCH repetitions over multiple slots performance | Sporton | 38.521-4 | 0376 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-215277 | Addition of 5.2.2.2.8 2Rx TDD FR1 PDSCH pre-emption performance | Sporton | 38.521-4 | 0377 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-215957 | Addition of 5.2.2.2.8 2Rx TDD FR1 PDSCH pre-emption performance | Sporton | 38.521-4 | 0377 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-215278 | Addition of 5.2.3.1.6 4Rx FDD FR1 PDSCH repetitions over multiple slots performance | Sporton | 38.521-4 | 0378 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-215958 | Addition of 5.2.3.1.6 4Rx FDD FR1 PDSCH repetitions over multiple slots performance | Sporton | 38.521-4 | 0378 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-215279 | Addition of 5.2.3.2.6 4Rx TDD FR1 PDSCH repetitions over multiple slots performance | Sporton | 38.521-4 | 0379 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-215959 | Addition of 5.2.3.2.6 4Rx TDD FR1 PDSCH repetitions over multiple slots performance | Sporton | 38.521-4 | 0379 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-215342 | Correction to reporting granularity for single PMI TCs | Anritsu | 38.521-4 | 0380 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215343 | Correction to test time for measuring CQI in Sub-band CQI TCs | Anritsu | 38.521-4 | 0381 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215344 | Editorial error correction in Section 7 and 8 | Anritsu | 38.521-4 | 0382 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215902 | Editorial error correction in Section 7 and 8 | Anritsu | 38.521-4 | 0382 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215345 | Correction to DCI bitlength for test 1-5 and 1-6 in TC 5.2.2.2.1\_1 and 5.2.3.2.1\_1 | Anritsu | 38.521-4 | 0383 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215346 | Correction to dedicated CORESET ID setting in PDCCH-Config for Standalone | Anritsu | 38.521-4 | 0384 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216040 | Correction to dedicated CORESET ID setting in PDCCH-Config for Standalone | Anritsu | 38.521-4 | 0384 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215347 | Clean-up of parameter settings and message contents in 8.4.2.2.1 | Anritsu | 38.521-4 | 0385 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216021 | Clean-up of parameter settings and message contents in 8.4.2.2.1 | Anritsu | 38.521-4 | 0385 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215390 | Update of cl 5.2.2.1.1\_1 for Demod | CMCC, Qualcomm | 38.521-4 | 0386 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215470 | Correction of message exceptions in PDCCH test cases | ROHDE & SCHWARZ | 38.521-4 | 0387 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215471 | Update of message exceptions | ROHDE & SCHWARZ | 38.521-4 | 0388 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216041 | Update of message exceptions | ROHDE & SCHWARZ | 38.521-4 | 0388 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215511 | Addition of PDSCH demodulation for DC with power imbalance | DOCOMO Communications Lab. | 38.521-4 | 0389 | - | Rel-16 | F | NR\_bands\_BW\_R16-UEConTest | withdrawn |
| R5-215609 | MTSU and TT mapping related to Max Device Size in TS 38.521-4 | Keysight Technologies UK Ltd | 38.521-4 | 0390 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215610 | Update 9.4B.1.1 message content | Keysight Technologies UK Ltd | 38.521-4 | 0391 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215659 | Update to FR2 NSA SDR TC 9.4B.1.2 | Qualcomm Korea | 38.521-4 | 0392 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216118 | Update to FR2 NSA SDR TC 9.4B.1.2 | Qualcomm Korea | 38.521-4 | 0392 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215662 | Update to max testable SNR for 8.2.2.2.2.1 | Qualcomm Korea | 38.521-4 | 0393 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215663 | Updates to FR1 2DLCA PDSCH demodulation with power imbalance test case | Qualcomm Korea | 38.521-4 | 0394 | - | Rel-16 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-215664 | Updates to FR2 2DLCA PDSCH demodulation test case | Qualcomm Korea | 38.521-4 | 0395 | - | Rel-16 | F | NR\_perf\_enh-UEConTest | revised |
| R5-216075 | Updates to FR2 2DLCA PDSCH demodulation test case | Qualcomm Korea | 38.521-4 | 0395 | 1 | Rel-16 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-215665 | Editorial correction to the section 6.2.2.2.2 title | Qualcomm Korea | 38.521-4 | 0396 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215666 | Update to test coverage across 5G NR architecture options for Demod scenarios | Qualcomm Korea | 38.521-4 | 0397 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215667 | Update of cl 5.2.2.1.1\_1 for Demod | CMCC, Qualcomm | 38.521-4 | 0398 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216023 | Update of cl 5.2.2.1.1\_1 for Demod | CMCC, Qualcomm | 38.521-4 | 0398 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214380 | Change title of iRAT test cases for clarity - Applicability | ROHDE & SCHWARZ | 38.522 | 0079 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214401 | Add test applicability for several NR MobEnc DAPS handover test cases | China Telecommunications | 38.522 | 0080 | - | Rel-17 | F | NR\_Mob\_enh-UEConTest | withdrawn |
| R5-214480 | 38.522 Jumbo CR for R16 CADC configurations | CMCC | 38.522 | 0081 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-214534 | Addition of applicability for FR2 DL 256QAM demodulation test case | China Telecom | 38.522 | 0082 | - | Rel-17 | F | NR\_DL256QAM\_FR2-UEConTest | agreed |
| R5-214571 | Adding test applicability for UE power saving test cases | CATT, Huawei, HiSilicon | 38.522 | 0083 | - | Rel-17 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-214609 | Correction of condition C30 C37 C37a C41 C41a and introduction of condition C37b and C37c | CAICT | 38.522 | 0084 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214834 | Applicability for 5G-SRVCC | Huawei, Hisilicon | 38.522 | 0085 | - | Rel-17 | F | SRVCC\_NR\_to\_UMTS-UEConTest | agreed |
| R5-214917 | FR2 standalone RF conformance test case applicability | Nokia, Nokia Shanghai Bell | 38.522 | 0086 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh-UEConTest | revised |
| R5-215981 | FR2 standalone RF conformance test case applicability | Nokia, Nokia Shanghai Bell | 38.522 | 0086 | 1 | Rel-17 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-214950 | Update to applicability spec for CSI-RS based RLM test cases | Qualcomm Incorporated | 38.522 | 0087 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214952 | Update to applicability spec for test cases requiring gap pattern ID 4 | Qualcomm Incorporated | 38.522 | 0088 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214980 | Correction to applicability of NR TCs | Huawei,Hisilicon | 38.522 | 0089 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215004 | Addition of applicability for Mob\_Enh TCs | Huawei,Hisilicon, China Telecommunications | 38.522 | 0090 | - | Rel-17 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-215931 | Addition of applicability for Mob\_Enh TCs | Huawei,Hisilicon, China Telecommunications | 38.522 | 0090 | 1 | Rel-17 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-215019 | Addition of applicability for NR PS TCs | Huawei,Hisilicon | 38.522 | 0091 | - | Rel-17 | F | NR\_UE\_pow\_sav-UEConTest | withdrawn |
| R5-215033 | Addition of applicability for NR HST TCs | Huawei,Hisilicon | 38.522 | 0092 | - | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-215045 | Addition of R16 FDD-TDD PC2 inter-band EN-DC baseline implementation capabilities into 38.522 | China Unicom | 38.522 | 0093 | - | Rel-17 | F | ENDC\_UE\_PC2\_FDD\_TDD-UEConTest | agreed |
| R5-215052 | Addition of R17 PC2 EN-DC baseline implementation capabilities into 38.522 | China Unicom | 38.522 | 0094 | - | Rel-17 | F | ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest | withdrawn |
| R5-215079 | Addition of test applicability for V2X test cases | Huawei, HiSilicon | 38.522 | 0095 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-215096 | Adding test applicability for eMIMO test cases | Huawei, HiSilicon, Ericsson | 38.522 | 0096 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-215935 | Adding test applicability for eMIMO test cases | Huawei, HiSilicon, Ericsson | 38.522 | 0096 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215099 | Test applicability for FR2 256QAM CQI reporting | Huawei, HiSilicon | 38.522 | 0097 | - | Rel-17 | F | NR\_DL256QAM\_FR2-UEConTest | revised |
| R5-216077 | Test applicability for FR2 256QAM CQI reporting | Huawei, HiSilicon | 38.522 | 0097 | 1 | Rel-17 | F | NR\_DL256QAM\_FR2-UEConTest | agreed |
| R5-215105 | Addition of applicability of URLLC demod test cases | Huawei, HiSilicon, Sporton | 38.522 | 0098 | - | Rel-17 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-215960 | Addition of applicability of URLLC demod test cases | Huawei, HiSilicon, Sporton | 38.522 | 0098 | 1 | Rel-17 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-215245 | Addition of test applicability for RRM test case 6.6.4.5 | CMCC | 38.522 | 0099 | - | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-215350 | Addition of UE measurement capabilities for SFTD measurement | Anritsu | 38.522 | 0100 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215372 | Update to applicability spec for 5G test cases | Bureau Veritas, China Mobile, MediaTek Inc., Huawei, HiSilicon, Ericsson, ROHDE & SCHWARZ, TTA, Qualcomm Incorporated, Anritsu, CAICT | 38.522 | 0101 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216097 | Update to applicability spec for 5G test cases | Bureau Veritas, China Mobile, MediaTek Inc., Huawei, HiSilicon, Ericsson, ROHDE & SCHWARZ, TTA, Qualcomm Incorporated, Anritsu, CAICT | 38.522 | 0101 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215399 | Add 2-Step PRACH test cases to Applicability spec | ROHDE & SCHWARZ | 38.522 | 0102 | - | Rel-17 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-215411 | Correction of RRM HST test cases applicability | Ericsson | 38.522 | 0103 | - | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-215435 | Add 5.3.2.2.1 and 5.3.2.2.2 to applicability test spec | ROHDE & SCHWARZ | 38.522 | 0104 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214208 | Addition of new test case 7.1.1.6.5 for Multi configured uplink grants in NR IIoT | CMCC | 38.523-1 | 2279 | - | Rel-16 | F | NR\_IioT-UEConTest | agreed |
| R5-214210 | Addition of new test case 8.1.6.2.1 for Immediate MDT in Inter-RAT MDT | CMCC | 38.523-1 | 2280 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216285 | Addition of new test case 8.1.6.2.1 for Immediate MDT in Inter-RAT MDT | CMCC | 38.523-1 | 2280 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214211 | Addition of new test case 8.1.6.2.2 for Logged MDT in Inter-RAT MDT | CMCC | 38.523-1 | 2281 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216286 | Addition of new test case 8.1.6.2.2 for Logged MDT in Inter-RAT MDT | CMCC | 38.523-1 | 2281 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214212 | Addition of new test case 8.1.6.2.3 for Radio Link Failure in Inter-RAT MDT | CMCC | 38.523-1 | 2282 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216287 | Addition of new test case 8.1.6.2.3 for Radio Link Failure in Inter-RAT MDT | CMCC | 38.523-1 | 2282 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214213 | Addition of new test case 8.1.6.2.4 for Connection Establishment Failure in Inter-RAT MDT | CMCC | 38.523-1 | 2283 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216288 | Addition of new test case 8.1.6.2.4 for Connection Establishment Failure in Inter-RAT MDT | CMCC | 38.523-1 | 2283 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214390 | Add test case 8.1.1.4.4 | Ericsson | 38.523-1 | 2284 | - | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-214391 | Add test case 8.1.1.4.5 | Ericsson | 38.523-1 | 2285 | - | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-214392 | Add test case 8.1.1.4.6 | Ericsson | 38.523-1 | 2286 | - | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-214429 | Correction to RRC reconfiguration Test Case 8.1.2.1.1 | Apple (UK) Limited | 38.523-1 | 2287 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216177 | Correction to RRC reconfiguration Test Case 8.1.2.1.1 | Apple (UK) Limited | 38.523-1 | 2287 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214430 | Correction to Carrier Aggregation Test Case 8.2.4.1.1.1 | Apple (UK) Limited | 38.523-1 | 2288 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216184 | Correction to Carrier Aggregation Test Case 8.2.4.1.1.1 | Apple (UK) Limited | 38.523-1 | 2288 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214433 | Add test case 8.1.1.4.7 | Ericsson | 38.523-1 | 2289 | - | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-214434 | Add test case 8.1.1.4.8 | Ericsson | 38.523-1 | 2290 | - | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-214435 | Add test case 8.1.1.4.9 | Ericsson | 38.523-1 | 2291 | - | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-214437 | Correction to NR5GC testcase 11.4.6 | ROHDE & SCHWARZ, Mediatek, Qualcomm | 38.523-1 | 2292 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216196 | Correction to NR5GC testcase 11.4.6 | ROHDE & SCHWARZ, Mediatek, Qualcomm | 38.523-1 | 2292 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214440 | Corrections to NR5GC testcase 11.3.2 | ROHDE & SCHWARZ, Huawei, HiSilicon, Qualcomm | 38.523-1 | 2293 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216191 | Corrections to NR5GC testcase 11.3.2 | ROHDE & SCHWARZ, Huawei, HiSilicon, Qualcomm | 38.523-1 | 2293 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214460 | Update Test Case 8.1.5.1.1 to allow segmentation of UE Capability Information | Tech Mahindra Limited | 38.523-1 | 2294 | - | Rel-16 | F | RACS-UEConTest | revised |
| R5-216276 | Update Test Case 8.1.5.1.1 to allow segmentation of UE Capability Information | Tech Mahindra Limited | 38.523-1 | 2294 | 1 | Rel-16 | F | RACS-UEConTest | agreed |
| R5-214461 | Modification of the TC 8.2.1.1.1 to allow uplink segmentation for Rel-16 RACS | Tech Mahindra Limited | 38.523-1 | 2295 | - | Rel-16 | F | RACS-UEConTest | revised |
| R5-216277 | Modification of the TC 8.2.1.1.1 to allow uplink segmentation for Rel-16 RACS | Tech Mahindra Limited | 38.523-1 | 2295 | 1 | Rel-16 | F | RACS-UEConTest | agreed |
| R5-214512 | Editorial changes of the title for subclause 8.1.6.3.2 and 8.1.6.3.3 in Inter-System MDT | CMCC | 38.523-1 | 2296 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214547 | Update of RSRP threshold for RRC TC 8.1.3.1.13 | MediaTek Inc. | 38.523-1 | 2297 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214548 | Correction of 5GMM TC 9.1.5.1.8 | MediaTek Inc., Keysight | 38.523-1 | 2298 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214549 | Update of MDT TC 8.1.6.1.3.1 | MediaTek Inc. | 38.523-1 | 2299 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216289 | Update of MDT TC 8.1.6.1.3.1 | MediaTek Inc. | 38.523-1 | 2299 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214550 | Update of MDT TC 8.1.6.1.3.2 | MediaTek Inc. | 38.523-1 | 2300 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214551 | Update of MDT TC 8.1.6.1.3.3 | MediaTek Inc. | 38.523-1 | 2301 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216290 | Update of MDT TC 8.1.6.1.3.3 | MediaTek Inc. | 38.523-1 | 2301 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214586 | Correction to NR Idle mode test case 6.3.1.5 | Keysight Technologies UK | 38.523-1 | 2302 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216162 | Correction to NR Idle mode test case 6.3.1.5 | Keysight Technologies UK | 38.523-1 | 2302 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214587 | Correction to NR MAC test cases 7.1.1.7.1.x | Keysight Technologies UK Ltd, Qualcomm | 38.523-1 | 2303 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214588 | Correction to NR MAC test case 7.1.1.4.2.3 | Keysight Technologies UK | 38.523-1 | 2304 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214589 | Correction to NR PDCP test case 7.1.3.5.5 | Keysight Technologies UK | 38.523-1 | 2305 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216173 | Correction to NR PDCP test case 7.1.3.5.5 | Keysight Technologies UK | 38.523-1 | 2305 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214590 | Correction to NR RRC test case 8.1.1.2.1 | Keysight Technologies UK | 38.523-1 | 2306 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214591 | Correction to NR RRC test case 8.1.1.2.3 | Keysight Technologies UK Ltd, Qualcomm | 38.523-1 | 2307 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214592 | Correction to NR RRC test case 8.1.1.4.1 | Keysight Technologies UK | 38.523-1 | 2308 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214593 | Correction to EPS fallback test case 11.1.4 | Keysight Technologies UK | 38.523-1 | 2309 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214594 | Correction to some idle mode test cases for RPLMN clearing | Keysight Technologies UK | 38.523-1 | 2310 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214595 | Correction to UAC test case 11.3.2 | Keysight Technologies UK Ltd, Qualcomm | 38.523-1 | 2311 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214614 | Updates to NR CA test cases 8.1.3.1.18.x | MCC TF160 | 38.523-1 | 2312 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214615 | Updates to NR CA test cases 8.1.4.1.8.x | MCC TF160 | 38.523-1 | 2313 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214616 | Updates to NR CA test cases 8.1.5.6.5.x | MCC TF160 | 38.523-1 | 2314 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214617 | Updates to NR CA test cases 8.1.5.7.1.x | MCC TF160 | 38.523-1 | 2315 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214618 | Updates to NR CA test cases 8.1.5.8.2.x | MCC TF160 | 38.523-1 | 2316 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214619 | Update to NR/5GC test case 11.4.3 | MCC TF160 | 38.523-1 | 2317 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214697 | Update of MDT TC 8.1.6.1.3.4 | MediaTek Inc. | 38.523-1 | 2318 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216291 | Update of MDT TC 8.1.6.1.3.4 | MediaTek Inc. | 38.523-1 | 2318 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214698 | Update of MDT TC 8.1.6.1.3.5 | MediaTek Inc. | 38.523-1 | 2319 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214699 | Update of MDT TC 8.1.6.1.3.6 | MediaTek Inc. | 38.523-1 | 2320 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216292 | Update of MDT TC 8.1.6.1.3.6 | MediaTek Inc. | 38.523-1 | 2320 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214700 | Update of MDT TC 8.1.6.1.3.7 | MediaTek Inc. | 38.523-1 | 2321 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-214701 | Correction of Srxlev for Idle TC 6.1.2.2 | MediaTek Inc. | 38.523-1 | 2322 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216163 | Correction of Srxlev for Idle TC 6.1.2.2 | MediaTek Inc. | 38.523-1 | 2322 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214702 | Update of RRC messages for MAC TC 7.1.1.3.11, 7.1.1.5.1 and 7.1.1.5.2 | MediaTek Inc. | 38.523-1 | 2323 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214703 | Correction of SIB1 for NR RRC TC 8.1.1.4.1 | MediaTek Inc. | 38.523-1 | 2324 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214704 | Correction of SIB1 for NR RRC TC 8.1.5.2.2 | MediaTek Inc. | 38.523-1 | 2325 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214705 | Correction of 5GMM capability for 5GMM TC 9.3.1.2 | MediaTek Inc. | 38.523-1 | 2326 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216185 | Correction of 5GMM capability for 5GMM TC 9.3.1.2 | MediaTek Inc. | 38.523-1 | 2326 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214706 | Correction of 5GMM capability for EPSFB TC 11.1.7 | MediaTek Inc. | 38.523-1 | 2327 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216187 | Correction of 5GMM capability for EPSFB TC 11.1.7 | MediaTek Inc. | 38.523-1 | 2327 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214707 | Update of TP for EPSFB TC 11.1.3 | MediaTek Inc. | 38.523-1 | 2328 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214708 | Update of TP for EPSFB TC 11.1.8 | MediaTek Inc. | 38.523-1 | 2329 | - | Rel-16 | F | TEI16\_Test | agreed |
| R5-214737 | Updates to NR RRC TC 8.1.1.3.7 | Qualcomm CDMA Technologies | 38.523-1 | 2330 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216174 | Updates to NR RRC TC 8.1.1.3.7 | Qualcomm CDMA Technologies | 38.523-1 | 2330 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214738 | Corrections to NR5G MAC BWP TC 7.1.1.8.1 | Qualcomm CDMA Technologies, Keysight Technologies UK Ltd, 1. Huawei, Hisilicon | 38.523-1 | 2331 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216169 | Corrections to NR5G MAC BWP TC 7.1.1.8.1 | Qualcomm CDMA Technologies, Keysight Technologies UK Ltd, 1. Huawei, Hisilicon | 38.523-1 | 2331 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214739 | Updates to NR-DC RRC TC 8.2.6.2.2 | Qualcomm CDMA Technologies | 38.523-1 | 2332 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214740 | Addition of Rel-16 SNPN TC 9.1.10.1 | Qualcomm CDMA Technologies | 38.523-1 | 2333 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | withdrawn |
| R5-214741 | Addition of Rel-16 SNPN TC 9.1.10.2 | Qualcomm CDMA Technologies | 38.523-1 | 2334 | - | Rel-17 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | withdrawn |
| R5-214742 | Corrections to NR5G UAC TC 11.3.7 | Qualcomm CDMA Technologies, Anrtisu, Keysight Technologies UK Ltd | 38.523-1 | 2335 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214744 | Updates to Rel-16 RACS RRC TC 8.1.5.9.1 | Qualcomm CDMA Technologies | 38.523-1 | 2336 | - | Rel-16 | F | RACS-UEConTest | revised |
| R5-216278 | Updates to Rel-16 RACS RRC TC 8.1.5.9.1 | Qualcomm CDMA Technologies | 38.523-1 | 2336 | 1 | Rel-16 | F | RACS-UEConTest | agreed |
| R5-214745 | Updates to Rel-16 RACS TC 9.1.9.5 | Qualcomm CDMA Technologies | 38.523-1 | 2337 | - | Rel-16 | F | RACS-UEConTest | revised |
| R5-216279 | Updates to Rel-16 RACS TC 9.1.9.5 | Qualcomm CDMA Technologies | 38.523-1 | 2337 | 1 | Rel-16 | F | RACS-UEConTest | agreed |
| R5-214746 | Update of Rel-16 NPN TC 6.5.2.2 | Qualcomm CDMA Technologies | 38.523-1 | 2338 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-214747 | Update of Rel-16 NPN TC 6.5.2.1 | Qualcomm CDMA Technologies | 38.523-1 | 2339 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-214749 | Correction to NR-DC RRC test case 8.2.2.4.2 | Qualcomm CDMA Technologies, Anrtisu | 38.523-1 | 2340 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214750 | Correction to NR-DC RRC test case 8.2.2.5.2 | Qualcomm CDMA Technologies, Anrtisu | 38.523-1 | 2341 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214751 | Correction to NR-DC RRC test case 8.2.2.9.2 | Qualcomm CDMA Technologies, Anrtisu | 38.523-1 | 2342 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214752 | Correction to NR-DC RRC test case 8.2.5.1.2 | Qualcomm CDMA Technologies, Anrtisu | 38.523-1 | 2343 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214753 | Correction to NR-DC RRC test case 8.2.5.3.2 | Qualcomm CDMA Technologies, Anrtisu | 38.523-1 | 2344 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214754 | Correction to NR-DC RRC test case 8.2.5.2.2 and 8.2.5.4.2 | Qualcomm CDMA Technologies, Anrtisu | 38.523-1 | 2345 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215715 | Correction to NR-DC RRC test case 8.2.5.2.2 and 8.2.5.4.2 | Qualcomm CDMA Technologies, Anrtisu | 38.523-1 | 2345 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214756 | Correction to MDT TC 8.1.6.1.1.1 | Qualcomm CDMA Technologies | 38.523-1 | 2346 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214757 | Addition of NR5G Power saving TC 8.1.5.10.1 | Qualcomm CDMA Technologies | 38.523-1 | 2347 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-216272 | Addition of NR5G Power saving TC 8.1.5.10.1 | Qualcomm CDMA Technologies | 38.523-1 | 2347 | 1 | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-214760 | Correction to NR TC 6.2.3.10-Inter-RAT cell reselection schedulingInfoList-v12j0 | Huawei, Hisilicon | 38.523-1 | 2348 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216164 | Correction to NR TC 6.2.3.10-Inter-RAT cell reselection schedulingInfoList-v12j0 | Huawei, Hisilicon | 38.523-1 | 2348 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214761 | Correction to NR TC 6.3.1.7-Emergency service pending to be activated | Huawei, Hisilicon | 38.523-1 | 2349 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216165 | Correction to NR TC 6.3.1.7-Emergency service pending to be activated | Huawei, Hisilicon | 38.523-1 | 2349 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214762 | Correction to NR TC 6.2.3.7-Update FR2 power level | Huawei, Hisilicon | 38.523-1 | 2350 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214763 | Correction to NR TC 6.4.3.1-Update FR2 power level | Huawei, Hisilicon | 38.523-1 | 2351 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214764 | Correction to NR TC 7.1.1.7.1.1-sCellDeactivationTimer | Huawei, Hisilicon, Keysight | 38.523-1 | 2352 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214765 | Correction to NR TC 7.1.1.8.1-BWP | Huawei, Hisilicon | 38.523-1 | 2353 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214766 | Correction to NR TC 8.1.1.2.1-T300 expired | Huawei, Hisilicon, Keysight | 38.523-1 | 2354 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216175 | Correction to NR TC 8.1.1.2.1-T300 expired | Huawei, Hisilicon, Keysight | 38.523-1 | 2354 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214767 | Correction to NR TC 8.1.1.3.7-Deprioritisation | Huawei, Hisilicon | 38.523-1 | 2355 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214768 | Correction to NR TC 8.1.4.1.9.1-Reestablish intra-band | Huawei, Hisilicon, Mediatek | 38.523-1 | 2356 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216180 | Correction to NR TC 8.1.4.1.9.1-Reestablish intra-band | Huawei, Hisilicon, Mediatek | 38.523-1 | 2356 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214769 | Correction to NR TC 8.1.5.8.1-Latency check | Huawei, Hisilicon | 38.523-1 | 2357 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214770 | Correction to NR-DC TC 8.2.2.3.2-Split SRB and SRB3 | Huawei, Hisilicon | 38.523-1 | 2358 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216181 | Correction to NR-DC TC 8.2.2.3.2-Split SRB and SRB3 | Huawei, Hisilicon | 38.523-1 | 2358 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214772 | Addition of NR SA TC 8.1.3.1.19-SFTD | Huawei, Hisilicon | 38.523-1 | 2359 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216178 | Addition of NR SA TC 8.1.3.1.19-SFTD | Huawei, Hisilicon | 38.523-1 | 2359 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214773 | Addition of EN-DC TC 8.2.3.17.1-SFTD | Huawei, Hisilicon | 38.523-1 | 2360 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216182 | Addition of EN-DC TC 8.2.3.17.1-SFTD | Huawei, Hisilicon | 38.523-1 | 2360 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214774 | Addition of NR-DC TC 8.2.3.17.2-SFTD | Huawei, Hisilicon | 38.523-1 | 2361 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216183 | Addition of NR-DC TC 8.2.3.17.2-SFTD | Huawei, Hisilicon | 38.523-1 | 2361 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214776 | Correction to NR TC 10.1.1.1 and 10.3.1.1-PDU Establish Accept | Huawei, Hisilicon, ROHDE & SCHWARZ | 38.523-1 | 2362 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216186 | Correction to NR TC 10.1.1.1 and 10.3.1.1-PDU Establish Accept | Huawei, Hisilicon, ROHDE & SCHWARZ | 38.523-1 | 2362 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214777 | Correction to NR TC 11.1.2-EPS Fallback from NR Idle | Huawei, Hisilicon | 38.523-1 | 2363 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216188 | Correction to NR TC 11.1.2-EPS Fallback from NR Idle | Huawei, Hisilicon | 38.523-1 | 2363 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214778 | Correction to NR TC 11.1.5-EPS Fallback from NR connected | Huawei, Hisilicon | 38.523-1 | 2364 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216189 | Correction to NR TC 11.1.5-EPS Fallback from NR connected | Huawei, Hisilicon | 38.523-1 | 2364 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214779 | Correction to NR TC 11.3.1-UAC AI0 with 0 percentage access probability | Huawei, Hisilicon, Qualcomm | 38.523-1 | 2365 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216192 | Correction to NR TC 11.3.1-UAC AI0 with 0 percentage access probability | Huawei, Hisilicon, Qualcomm | 38.523-1 | 2365 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214780 | Correction to NR TC 11.3.2-UAC AI0 Emergency Call | Huawei, Hisilicon | 38.523-1 | 2366 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214781 | Correction to NR TC 11.3.5-UAC Access Identity 1 | Huawei, Hisilicon | 38.523-1 | 2367 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216193 | Correction to NR TC 11.3.5-UAC Access Identity 1 | Huawei, Hisilicon | 38.523-1 | 2367 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214782 | Correction to NR TC 11.3.6-UAC AI2 MCS | Huawei, Hisilicon | 38.523-1 | 2368 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216194 | Correction to NR TC 11.3.6-UAC AI2 MCS | Huawei, Hisilicon | 38.523-1 | 2368 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214783 | Correction to NR TC 11.3.9-UAC for Operator Defined Access Category | Huawei, Hisilicon | 38.523-1 | 2369 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214785 | Correction to NR TC 11.4.1-emergency call and authentication failure | Huawei, Hisilicon | 38.523-1 | 2370 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215773 | Correction to NR TC 11.4.1-emergency call and authentication failure | Huawei, Hisilicon | 38.523-1 | 2370 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214786 | Correction to NR TC 11.4.2-Handling of forbidden PLMNs | Huawei, Hisilicon | 38.523-1 | 2371 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216198 | Correction to NR TC 11.4.2-Handling of forbidden PLMNs | Huawei, Hisilicon | 38.523-1 | 2371 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214787 | Correction to NR TC 11.4.3-Initial registration for emergency services | Huawei, Hisilicon, MCC TF160 | 38.523-1 | 2372 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216199 | Correction to NR TC 11.4.3-Initial registration for emergency services | Huawei, Hisilicon, MCC TF160 | 38.523-1 | 2372 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214788 | Correction to NR TC 11.4.4-T3346, T3396 | Huawei, Hisilicon | 38.523-1 | 2373 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216200 | Correction to NR TC 11.4.4-T3346, T3396 | Huawei, Hisilicon | 38.523-1 | 2373 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214789 | Correction to NR TC 11.4.5-Handling of 5GS forbidden tracking areas for roaming | Huawei, Hisilicon | 38.523-1 | 2374 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216201 | Correction to NR TC 11.4.5-Handling of 5GS forbidden tracking areas for roaming | Huawei, Hisilicon | 38.523-1 | 2374 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214790 | Correction to NR TC 11.4.9-Emergency call establishment and release | Huawei, Hisilicon | 38.523-1 | 2375 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216202 | Correction to NR TC 11.4.9-Emergency call establishment and release | Huawei, Hisilicon | 38.523-1 | 2375 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214791 | Correction to NR TC 7.1.3.4.3-DAPS handover L2 | Huawei, Hisilicon | 38.523-1 | 2376 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-216259 | Correction to NR TC 7.1.3.4.3-DAPS handover L2 | Huawei, Hisilicon | 38.523-1 | 2376 | 1 | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-214792 | Correction to NR TC 8.1.4.3.1-DAPS handover Success | Huawei, Hisilicon | 38.523-1 | 2377 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-216260 | Correction to NR TC 8.1.4.3.1-DAPS handover Success | Huawei, Hisilicon | 38.523-1 | 2377 | 1 | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-214793 | Addition of NR TC 8.1.4.3.2-DAPS handover Success RLF in source | Huawei, Hisilicon | 38.523-1 | 2378 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-216261 | Addition of NR TC 8.1.4.3.2-DAPS handover Success RLF in source | Huawei, Hisilicon | 38.523-1 | 2378 | 1 | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-214794 | Addition of NR TC 8.1.4.3.3-DAPS handover Failure RLF in source | Huawei, Hisilicon | 38.523-1 | 2379 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | withdrawn |
| R5-214795 | Addition of NR TC 8.2.3.17.1-Conditional PSCell change Success | Huawei, Hisilicon | 38.523-1 | 2380 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | withdrawn |
| R5-214824 | Correction to NR TC 8.1.6.1.3.7-PLMN list | Huawei, Hisilicon, Mediatek | 38.523-1 | 2381 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216293 | Correction to NR TC 8.1.6.1.3.7-PLMN list | Huawei, Hisilicon, Mediatek | 38.523-1 | 2381 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214825 | Correction to MDT NR TC 8.1.6.3.1.3-inter system immediate-sensor | Huawei, Hisilicon | 38.523-1 | 2382 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216294 | Correction to MDT NR TC 8.1.6.3.1.3-inter system immediate-sensor | Huawei, Hisilicon | 38.523-1 | 2382 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214826 | Correction to MDT NR TC 8.1.6.1.4.5-CEF location info | Huawei, Hisilicon | 38.523-1 | 2383 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-214827 | Correction to MDT NR TC 8.1.6.1.4.6-CEF Intra-Freq measurements | Huawei, Hisilicon | 38.523-1 | 2384 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216295 | Correction to MDT NR TC 8.1.6.1.4.6-CEF Intra-Freq measurements | Huawei, Hisilicon | 38.523-1 | 2384 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214828 | Addition of MDT NR TC 8.1.6.3.4.1-Inter System\_CEF\_bluetooth | Huawei, Hisilicon | 38.523-1 | 2385 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216296 | Addition of MDT NR TC 8.1.6.3.4.1-Inter System\_CEF\_bluetooth | Huawei, Hisilicon | 38.523-1 | 2385 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214829 | Addition of MDT NR TC 8.1.6.3.4.2-Inter System\_CEF\_wlan | Huawei, Hisilicon | 38.523-1 | 2386 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214830 | Addition of MDT NR TC 8.1.6.3.4.3-Inter System\_CEF\_sensor | Huawei, Hisilicon | 38.523-1 | 2387 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214840 | Correction to SDAP TC 7.1.4.1 | Qualcomm Finland RFFE Oy | 38.523-1 | 2388 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214855 | Update of MDT test case 8.1.6.1.2.1 | ZTE Corporation | 38.523-1 | 2389 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216297 | Update of MDT test case 8.1.6.1.2.1 | ZTE Corporation | 38.523-1 | 2389 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214856 | Update of MDT test case 8.1.6.1.2.2 | ZTE Corporation | 38.523-1 | 2390 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216298 | Update of MDT test case 8.1.6.1.2.2 | ZTE Corporation | 38.523-1 | 2390 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214857 | Update of MDT test case 8.1.6.1.2.3 | ZTE Corporation | 38.523-1 | 2391 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216299 | Update of MDT test case 8.1.6.1.2.3 | ZTE Corporation | 38.523-1 | 2391 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214858 | Update of MDT test case 8.1.6.1.2.4 | ZTE Corporation, TDIA, CATT | 38.523-1 | 2392 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216300 | Update of MDT test case 8.1.6.1.2.4 | ZTE Corporation, TDIA, CATT | 38.523-1 | 2392 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214859 | Update of MDT test case 8.1.6.1.2.5 | ZTE Corporation, TDIA, CATT | 38.523-1 | 2393 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216301 | Update of MDT test case 8.1.6.1.2.5 | ZTE Corporation, TDIA, CATT | 38.523-1 | 2393 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214860 | Update of MDT test case 8.1.6.1.2.6 | ZTE Corporation, TDIA, CATT | 38.523-1 | 2394 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216302 | Update of MDT test case 8.1.6.1.2.6 | ZTE Corporation, TDIA, CATT | 38.523-1 | 2394 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214861 | Update of MDT test case 8.1.6.1.2.7 | ZTE Corporation | 38.523-1 | 2395 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216303 | Update of MDT test case 8.1.6.1.2.7 | ZTE Corporation | 38.523-1 | 2395 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214862 | Update of MDT test case 8.1.6.1.2.8 | ZTE Corporation | 38.523-1 | 2396 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-214863 | Update of MDT test case 8.1.6.1.2.9 | ZTE Corporation | 38.523-1 | 2397 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216304 | Update of MDT test case 8.1.6.1.2.9 | ZTE Corporation | 38.523-1 | 2397 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214864 | Update of MDT test case 8.1.6.1.2.10 | ZTE Corporation | 38.523-1 | 2398 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216305 | Update of MDT test case 8.1.6.1.2.10 | ZTE Corporation | 38.523-1 | 2398 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214865 | Update of MDT test case 8.1.6.1.2.11 | ZTE Corporation | 38.523-1 | 2399 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216306 | Update of MDT test case 8.1.6.1.2.11 | ZTE Corporation | 38.523-1 | 2399 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214872 | Addition of new NR 2-step RACH test case 7.1.1.1.10 | ZTE Corporation | 38.523-1 | 2400 | - | Rel-16 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-214890 | Void NR5G RRC TC 8.1.3.1.22 | Qualcomm CDMA Technologies | 38.523-1 | 2401 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214894 | Editorial Updates to NR5G NPN TC 6.5.1.1 | Qualcomm CDMA Technologies | 38.523-1 | 2402 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-214895 | Updates to NR5G NPN TC 6.5.1.2 | Qualcomm CDMA Technologies | 38.523-1 | 2403 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-214896 | Corrections to NR5G UAC TC 11.3.2 | Qualcomm CDMA Technologies, Keysight | 38.523-1 | 2404 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214897 | Corrections to Idle mode TC 6.2.3.10 and 6.2.3.11 | Qualcomm CDMA Technologies, Keysight | 38.523-1 | 2405 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216166 | Corrections to Idle mode TC 6.2.3.10 and 6.2.3.11 | Qualcomm CDMA Technologies, Keysight | 38.523-1 | 2405 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214898 | Correction to NR5G NAS TC 9.1.5.1.3a | Qualcomm CDMA Technologies, Keysight Technologies, Anritsu | 38.523-1 | 2406 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215716 | Correction to NR5G NAS TC 9.1.5.1.3a | Qualcomm CDMA Technologies, Keysight Technologies, Anritsu | 38.523-1 | 2406 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214899 | Addition of NR-DC TC 8.2.3.11.3 | Qualcomm CDMA Technologies | 38.523-1 | 2407 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214932 | New UL TBS MAC test Case for NR URLLC | Lenovo and Motorola Mobility | 38.523-1 | 2408 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-216317 | New UL TBS MAC test Case for NR URLLC | Lenovo and Motorola Mobility | 38.523-1 | 2408 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-214933 | Addition of New DL MAC NR URLLC Test Case | Lenovo and Motorola Mobility | 38.523-1 | 2409 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-216318 | Addition of New DL MAC NR URLLC Test Case | Lenovo and Motorola Mobility | 38.523-1 | 2409 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-214936 | Correction to NR URLLC Test Case | Lenovo and Motorola Mobility | 38.523-1 | 2410 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-216319 | Correction to NR URLLC Test Case | Lenovo and Motorola Mobility | 38.523-1 | 2410 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-214943 | Correction to MDT TC 8.1.6.1.4.3 | MediaTek Inc. | 38.523-1 | 2411 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216307 | Correction to MDT TC 8.1.6.1.4.3 | MediaTek Inc. | 38.523-1 | 2411 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214944 | Correction of SIB1 for NR RRC TC 8.1.4.1.9.1 | MediaTek Inc. | 38.523-1 | 2412 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214945 | Correction of Emergency Number list for TC 11.4.8 | MediaTek Inc. | 38.523-1 | 2413 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216203 | Correction of Emergency Number list for TC 11.4.8 | MediaTek Inc. | 38.523-1 | 2413 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214946 | Addition of new NR 2-step RACH test case 7.1.1.1.9 | MediaTek Inc. | 38.523-1 | 2414 | - | Rel-16 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-214966 | Correction to MDT test case 8.1.6.1.2.8 | TDIA, CATT | 38.523-1 | 2415 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216308 | Correction to MDT test case 8.1.6.1.2.8 | TDIA, CATT | 38.523-1 | 2415 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214968 | Correction to MDT test case 8.1.6.1.2.12 | TDIA, CATT | 38.523-1 | 2416 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216309 | Correction to MDT test case 8.1.6.1.2.12 | TDIA, CATT | 38.523-1 | 2416 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214969 | Correction to MDT test case 8.1.6.1.2.13 | TDIA, CATT | 38.523-1 | 2417 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216310 | Correction to MDT test case 8.1.6.1.2.13 | TDIA, CATT | 38.523-1 | 2417 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214971 | Update of MDT test case 8.1.6.1.2.4 | TDIA, CATT | 38.523-1 | 2418 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-214972 | Update of MDT test case 8.1.6.1.2.5 | TDIA, CATT | 38.523-1 | 2419 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-214974 | Update of MDT test case 8.1.6.1.2.6 | TDIA, CATT | 38.523-1 | 2420 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-215041 | Update of UAC test case 11.3.1 | Qualcomm communications-France | 38.523-1 | 2421 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215046 | Addition of new RRC Inactive UAC test case 11.3.1a | Qualcomm communications-France, Huawei, Hisilicon | 38.523-1 | 2422 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216195 | Addition of new RRC Inactive UAC test case 11.3.1a | Qualcomm communications-France, Huawei, Hisilicon | 38.523-1 | 2422 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215048 | Update to NR RRC test cases 8.1.3.1.11 and 8.1.3.1.12 | Qualcomm communications-France | 38.523-1 | 2423 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216179 | Update to NR RRC test cases 8.1.3.1.11 and 8.1.3.1.12 | Qualcomm communications-France | 38.523-1 | 2423 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215134 | Correction to NR MAC 7.1.1.4.x test cases | ROHDE & SCHWARZ | 38.523-1 | 2424 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216170 | Correction to NR MAC 7.1.1.4.x test cases | ROHDE & SCHWARZ | 38.523-1 | 2424 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215136 | Correction to NR RRC test case 8.1.1.4.2 | ROHDE & SCHWARZ | 38.523-1 | 2425 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215138 | Correction to the test cases 7.1.2.3.5 and 7.1.2.3.5a | ROHDE & SCHWARZ, Keysight | 38.523-1 | 2426 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216172 | Correction to the test cases 7.1.2.3.5 and 7.1.2.3.5a | ROHDE & SCHWARZ, Keysight | 38.523-1 | 2426 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215149 | Update to title of test case 8.1.3.1.23 | Qualcomm communications-France | 38.523-1 | 2427 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215168 | Correction to test case 11.2.1 5G-SRVCC from NG-RAN to 3GPP UTRAN | CATT, TDIA | 38.523-1 | 2428 | - | Rel-16 | F | SRVCC\_NR\_to\_UMTS-UEConTest | revised |
| R5-216316 | Correction to test case 11.2.1 5G-SRVCC from NG-RAN to 3GPP UTRAN | CATT, TDIA | 38.523-1 | 2428 | 1 | Rel-16 | F | SRVCC\_NR\_to\_UMTS-UEConTest | agreed |
| R5-215169 | Correction to SDAP TC 7.1.4.1 | Qualcomm Finland RFFE Oy | 38.523-1 | 2429 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215714 | Correction to SDAP TC 7.1.4.1 | Qualcomm Finland RFFE Oy | 38.523-1 | 2429 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215170 | Correction to NR Idle mode test case 6.3.1.3 | Keysight Technologies UK | 38.523-1 | 2430 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215769 | Correction to NR Idle mode test case 6.3.1.3 | Keysight Technologies UK | 38.523-1 | 2430 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215171 | Correction to NR MAC test case 7.1.1.9.1 | Keysight Technologies UK, Qualcomm | 38.523-1 | 2431 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215172 | Correction to NR RLC test case 7.1.2.3.5 | Keysight Technologies UK | 38.523-1 | 2432 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215240 | Addition of new test case 9.1.10.1 for R16 eNS | CMCC, Rohde & Schwarz, MCC TF160 | 38.523-1 | 2433 | - | Rel-16 | F | eNS-UEConTest | revised |
| R5-216325 | Addition of new test case 9.1.10.1 for R16 eNS | CMCC, Rohde & Schwarz, MCC TF160 | 38.523-1 | 2433 | 1 | Rel-16 | F | eNS-UEConTest | agreed |
| R5-215241 | Addition of new test case 9.1.10.6 for R16 eNS | CMCC, Rohde & Schwarz, MCC TF160 | 38.523-1 | 2434 | - | Rel-16 | F | eNS-UEConTest | revised |
| R5-216326 | Addition of new test case 9.1.10.6 for R16 eNS | CMCC, Rohde & Schwarz, MCC TF160 | 38.523-1 | 2434 | 1 | Rel-16 | F | eNS-UEConTest | agreed |
| R5-215269 | Update of RRC TC 8.1.5.6.5.1 | Intertek | 38.523-1 | 2435 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215280 | Addition of Rel-16 SNPN TC 9.1.11.2 | Qualcomm CDMA Technologies | 38.523-1 | 2436 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | withdrawn |
| R5-215356 | Correction to 8.1.4.1.5 | Guangdong OPPO Mobile Telecom. | 38.523-1 | 2437 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215358 | Correction to 8.1.4.1.9.1 | Guangdong OPPO Mobile Telecom. | 38.523-1 | 2438 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215404 | Correction to 5GMM TC 9.1.5.1.1 | ANRITSU LTD | 38.523-1 | 2439 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215407 | Correction to NR MAC test case 7.1.1.3.2 | ANRITSU LTD | 38.523-1 | 2440 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215437 | Update of specific message content for MAC TC 7.1.1.1.2 | MediaTek Inc. | 38.523-1 | 2441 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215440 | Correction to Idle TC 6.3.1.10 | MediaTek Inc. | 38.523-1 | 2442 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216168 | Correction to Idle TC 6.3.1.10 | MediaTek Inc. | 38.523-1 | 2442 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215441 | Correction of MDT Test Case 8.1.6.1.4.1 and 8.1.6.1.4.4 | TDIA, CATT | 38.523-1 | 2443 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216311 | Correction of MDT Test Case 8.1.6.1.4.1 and 8.1.6.1.4.4 | TDIA, CATT | 38.523-1 | 2443 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-215442 | Correction of MDT Test Case 8.1.6.1.4.2 and 8.1.6.1.4.3 | TDIA, CATT | 38.523-1 | 2444 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216312 | Correction of MDT Test Case 8.1.6.1.4.2 and 8.1.6.1.4.3 | TDIA, CATT | 38.523-1 | 2444 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-215443 | Correction of MDT Test Case 8.1.6.1.4.5 | TDIA, CATT, Huawei, Hisilicon | 38.523-1 | 2445 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216313 | Correction of MDT Test Case 8.1.6.1.4.5 | TDIA, CATT, Huawei, Hisilicon | 38.523-1 | 2445 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-215444 | Correction of MDT Test Case 8.1.6.1.4.6 and 8.1.6.1.4.7 | TDIA, CATT | 38.523-1 | 2446 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216314 | Correction of MDT Test Case 8.1.6.1.4.6 and 8.1.6.1.4.7 | TDIA, CATT | 38.523-1 | 2446 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-215466 | Correction of NR5GC RRC Test Case 8.1.1.3.7 | TDIA, CATT | 38.523-1 | 2447 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215507 | Update to test case 6.2.1.4 | Ericsson | 38.523-1 | 2448 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215512 | Correction to NR5GC testcase 10.1.1.1 | ROHDE & SCHWARZ | 38.523-1 | 2449 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215514 | Correction to EPS FB Testcases 11.1.x for FR2 | ANRITSU LTD | 38.523-1 | 2450 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216190 | Correction to EPS FB Testcases 11.1.x for FR2 | ANRITSU LTD | 38.523-1 | 2450 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215576 | Modification of testcase 7.1.3.5.7 Ethernet header compression and decompression / Correct functionality of ethernet header compression and decompression | Nokia, Nokia Shanghai Bell | 38.523-1 | 2451 | - | Rel-16 | F | NR\_IioT-UEConTest | withdrawn |
| R5-215578 | Resubmission of New MAC test case on 2-Step RACH | ETSI (Lenovo, Motorola Mobility) | 38.523-1 | 2452 | - | Rel-16 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-215579 | Resubmission of New MAC test case on 2-Step RACH Explicitly signalled | ETSI (Lenovo, Motorola Mobility)) | 38.523-1 | 2453 | - | Rel-16 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-215670 | Addition of Rel-16 SNPN TC 9.1.11.1 | Qualcomm CDMA Technologies | 38.523-1 | 2454 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | revised |
| R5-216273 | Addition of Rel-16 SNPN TC 9.1.11.1 | Qualcomm CDMA Technologies | 38.523-1 | 2454 | 1 | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-215671 | Addition of Rel-16 SNPN TC 9.1.10.2 | Qualcomm CDMA Technologies | 38.523-1 | 2455 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-215675 | Correction to NR TC 7.1.1.3.8.1-PHR report with Intra-band Contiguous CA | Huawei, Hisilicon | 38.523-1 | 2456 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215677 | Addition of NR TC 8.2.3.18.1-Conditional PSCell change Success | Huawei, Hisilicon | 38.523-1 | 2457 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-215680 | Update of System information combination for NR-DC PDCP test cases | ANRITSU LTD, Qualcomm | 38.523-1 | 2458 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215681 | Corrections to Rel-16 MDT TC 8.1.6.1.4.4 | Qualcomm CDMA Technologies, Keysight Technologies, Anritsu Ltd. | 38.523-1 | 2459 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-215685 | Correction to NR testcase 8.1.5.4.1 | Rohde & Schwarz | 38.523-1 | 2460 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215693 | Corrections to NR MAC Recommended bit rate test case | Lenovo, Motorola Mobility, MCC TF160 | 38.523-1 | 2461 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216171 | Corrections to NR MAC Recommended bit rate test case | Lenovo, Motorola Mobility, MCC TF160 | 38.523-1 | 2461 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215696 | Update of RRC messages for MAC TC 7.1.1.5.1 and 7.1.1.5.2 | MediaTek Inc. | 38.523-1 | 2462 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215697 | Update of RRC messages for MAC TC 7.1.1.3.11 | MediaTek Inc. | 38.523-1 | 2463 | - | Rel-16 | F | NR\_IioT-UEConTest | agreed |
| R5-215698 | Correction to NR TC 7.1.1.3.2b-Logical channel prioritization handling with Mapping restrictions | Huawei, Hisilicon | 38.523-1 | 2464 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215699 | Correction to NR TC 6.4.1.2-Cell reselection of ePLMN in manual mode | Huawei, Hisilicon | 38.523-1 | 2465 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215702 | Addition of NR5G RRC TC 8.1.1.3.7a | Qualcomm CDMA Technologies | 38.523-1 | 2466 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216176 | Addition of NR5G RRC TC 8.1.1.3.7a | Qualcomm CDMA Technologies | 38.523-1 | 2466 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214209 | Applicability statement for new test case for Multi configured uplink grants in NR IIoT | CMCC | 38.523-2 | 0156 | - | Rel-16 | F | NR\_IioT-UEConTest | agreed |
| R5-214214 | Applicability statement for new test cases for Inter-RAT MDT | CMCC | 38.523-2 | 0157 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214389 | Update of 5G-NR test cases applicability | Qualcomm Incorporated, CAICT, Lenovo, Motorola Mobility | 38.523-2 | 0158 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216204 | Update of 5G-NR test cases applicability | Qualcomm Incorporated, CAICT, Lenovo, Motorola Mobility | 38.523-2 | 0158 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214404 | Aligning PICS usage for IMS emergency calls | ROHDE & SCHWARZ | 38.523-2 | 0159 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215717 | Aligning PICS usage for IMS emergency calls | ROHDE & SCHWARZ | 38.523-2 | 0159 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214513 | Update of applicability statement and conditions for the test cases in NR MDT | CMCC | 38.523-2 | 0160 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-216315 | Update of applicability statement and conditions for the test cases in NR MDT | CMCC | 38.523-2 | 0160 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214514 | Add applicabilities for test cases 8.1.1.4.4, 8.1.1.4.5 and 8.1.1.4.6 | Ericsson | 38.523-2 | 0161 | - | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-216333 | Add applicabilities for test cases 8.1.1.4.4, 8.1.1.4.5 and 8.1.1.4.6 | Ericsson | 38.523-2 | 0161 | 1 | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-214515 | Add applicabilities for test cases 8.1.1.4.7, 8.1.1.4.8 and 8.1.1.4.9 | Ericsson | 38.523-2 | 0162 | - | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-216334 | Add applicabilities for test cases 8.1.1.4.7, 8.1.1.4.8 and 8.1.1.4.9 | Ericsson | 38.523-2 | 0162 | 1 | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-214610 | Correction of condition C48 | CAICT | 38.523-2 | 0163 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214748 | Addition of applicability for NPN test cases | Qualcomm CDMA Technologies | 38.523-2 | 0164 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | revised |
| R5-216274 | Addition of applicability for NPN test cases | Qualcomm CDMA Technologies | 38.523-2 | 0164 | 1 | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-214758 | Addition of applicability NR5G Power saving TC 8.1.5.10.1 | Qualcomm CDMA Technologies | 38.523-2 | 0165 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-214775 | Addition of Applicability for SFTD TCs | Huawei, Hisilicon | 38.523-2 | 0166 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216205 | Addition of Applicability for SFTD TCs | Huawei, Hisilicon | 38.523-2 | 0166 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214796 | Correction to applicability for NR MobEnh | Huawei, Hisilicon | 38.523-2 | 0167 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-216262 | Correction to applicability for NR MobEnh | Huawei, Hisilicon | 38.523-2 | 0167 | 1 | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-214831 | Correction to NR MDT Applicability | Huawei, Hisilicon | 38.523-2 | 0168 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-214873 | Addition of applicability for new NR 2-step RACH test cases | ZTE Corporation | 38.523-2 | 0169 | - | Rel-16 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-214931 | Adding applicability for new NR URLLC test cases | Lenovo and Motorola Mobility | 38.523-2 | 0170 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-215160 | Correction to applicability for MDT Test cases | Qualcomm Finland RFFE Oy | 38.523-2 | 0171 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-215242 | Addition of applicability for eNS test case 9.1.10.1 and 9.1.10.6 | CMCC | 38.523-2 | 0172 | - | Rel-16 | F | eNS-UEConTest | agreed |
| R5-214620 | 5G Rel-15 Test Models updates | MCC TF160 | 38.523-3 | 1856 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214621 | Addition of NR/UTRAN Inter-RAT Test Model | MCC TF160 | 38.523-3 | 1857 | - | Rel-16 | F | SRVCC\_NR\_to\_UMTS-UEConTest | agreed |
| R5-215605 | Introduction of n24 | Ligado Networks | 38.523-3 | 1866 | - | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-215725 | Introduction of n24 | Ligado Networks | 38.523-3 | 1866 | 1 | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-214191 | Completion 5.7.1.2 including TT analysis results | ROHDE & SCHWARZ | 38.533 | 1228 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216048 | Completion 5.7.1.2 including TT analysis results | ROHDE & SCHWARZ | 38.533 | 1228 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214192 | Completion 5.7.2.2 including TT analysis results | ROHDE & SCHWARZ | 38.533 | 1229 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216049 | Completion 5.7.2.2 including TT analysis results | ROHDE & SCHWARZ | 38.533 | 1229 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214193 | Completion 5.7.3.2 including TT analysis results | ROHDE & SCHWARZ | 38.533 | 1230 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216050 | Completion 5.7.3.2 including TT analysis results | ROHDE & SCHWARZ | 38.533 | 1230 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214194 | Completion 7.7.1.2 including TT analysis results | ROHDE & SCHWARZ | 38.533 | 1231 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216052 | Completion 7.7.1.2 including TT analysis results | ROHDE & SCHWARZ | 38.533 | 1231 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214195 | Completion 7.7.2.2 including TT analysis results | ROHDE & SCHWARZ | 38.533 | 1232 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214196 | Completion 7.7.3.2 including TT analysis results | ROHDE & SCHWARZ | 38.533 | 1233 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216053 | Completion 7.7.3.2 including TT analysis results | ROHDE & SCHWARZ | 38.533 | 1233 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214197 | Annex E and F update for FR2 inter-frequency periodic measurements tests | ROHDE & SCHWARZ | 38.533 | 1234 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214198 | Completion 7.7.1.1 | ROHDE & SCHWARZ | 38.533 | 1235 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214199 | Completion 7.7.2.1 | ROHDE & SCHWARZ | 38.533 | 1236 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214200 | Completion 7.7.3.1 | ROHDE & SCHWARZ | 38.533 | 1237 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214338 | Change to EN-DC L1-RSRP test cases to add evaluation rules | ROHDE & SCHWARZ | 38.533 | 1238 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215903 | Change to EN-DC L1-RSRP test cases to add evaluation rules | ROHDE & SCHWARZ | 38.533 | 1238 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214339 | Correction to 4.5.1.1 message contents and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1239 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214340 | Correction to 4.5.1.2 core spec alignment | ROHDE & SCHWARZ | 38.533 | 1240 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215904 | Correction to 4.5.1.2 core spec alignment | ROHDE & SCHWARZ | 38.533 | 1240 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214341 | Correction to 4.5.1.3 message contents and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1241 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215905 | Correction to 4.5.1.3 message contents and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1241 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214342 | Correction to 4.5.1.4 core spec alignment | ROHDE & SCHWARZ | 38.533 | 1242 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214343 | Correction to 4.5.1.5 message contents and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1243 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214344 | Correction to 4.5.1.7 message contents and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1244 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215906 | Correction to 4.5.1.7 message contents and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1244 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214345 | Correction to 4.4.1.1 and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1245 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214346 | Correction to 4.5.7.1 and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1246 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214347 | Editorial corrections and core spec alignment for 5.7.1.1 | ROHDE & SCHWARZ | 38.533 | 1247 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214348 | Editorial corrections and core spec alignment for 5.7.2.1 | ROHDE & SCHWARZ | 38.533 | 1248 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214349 | Editorial corrections and core spec alignment for 5.7.3.1 | ROHDE & SCHWARZ | 38.533 | 1249 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214350 | Core spec alignment for 5.6.1.1 | ROHDE & SCHWARZ | 38.533 | 1250 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214351 | Core spec alignment for 5.6.1.2 | ROHDE & SCHWARZ | 38.533 | 1251 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214352 | Core spec alignment for 5.6.1.3 | ROHDE & SCHWARZ | 38.533 | 1252 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214353 | Core spec alignment for 5.6.1.4 | ROHDE & SCHWARZ | 38.533 | 1253 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214354 | Correction to 5.6.2.1 message contents | ROHDE & SCHWARZ | 38.533 | 1254 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214355 | Correction to 5.6.2.2 message contents | ROHDE & SCHWARZ | 38.533 | 1255 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214356 | Correction to 5.6.2.3 message contents | ROHDE & SCHWARZ | 38.533 | 1256 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214357 | Correction to 5.6.2.4 message contents | ROHDE & SCHWARZ | 38.533 | 1257 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214358 | Correction to 5.6.2.5 message contents | ROHDE & SCHWARZ | 38.533 | 1258 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214359 | Correction to 5.6.2.6 message contents | ROHDE & SCHWARZ | 38.533 | 1259 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214360 | Correction to 5.6.2.7 message contents | ROHDE & SCHWARZ | 38.533 | 1260 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214361 | Correction to 5.6.2.8 message contents | ROHDE & SCHWARZ | 38.533 | 1261 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214362 | Change to SA L1-RSRP test cases to add evaluation rules | ROHDE & SCHWARZ | 38.533 | 1262 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215908 | Change to SA L1-RSRP test cases to add evaluation rules | ROHDE & SCHWARZ | 38.533 | 1262 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214363 | Correction to 6.5.1.1 message contents and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1263 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214364 | Correction to 6.5.1.3 message contents and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1264 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215909 | Correction to 6.5.1.3 message contents and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1264 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214365 | Correction to 6.5.1.5 message contents and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1265 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214366 | Correction to 6.5.1.7 message contents and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1266 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215910 | Correction to 6.5.1.7 message contents and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1266 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214367 | Correction to 6.3.1.6 and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1267 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214368 | Correction to 6.5.2.1 and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1268 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214369 | Correction to 6.5.3.1 and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1269 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214370 | Correction to 6.7.5.1 and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1270 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214371 | Correction to 6.7.6.1 and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1271 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214372 | Correction to 6.7.7.1 and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1272 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214373 | Core spec alignment for 7.6.1.1 | ROHDE & SCHWARZ | 38.533 | 1273 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214374 | Core spec alignment for 7.6.1.2 | ROHDE & SCHWARZ | 38.533 | 1274 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214375 | Core spec alignment for 7.6.1.3 | ROHDE & SCHWARZ | 38.533 | 1275 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214376 | Core spec alignment for 7.6.1.4 | ROHDE & SCHWARZ | 38.533 | 1276 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214377 | Change title of iRAT test cases for clarity | ROHDE & SCHWARZ | 38.533 | 1277 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215913 | Change title of iRAT test cases for clarity | ROHDE & SCHWARZ | 38.533 | 1277 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214378 | Correction to 8.3.1.1 and core spec alignment | ROHDE & SCHWARZ | 38.533 | 1278 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214379 | Change title of iRAT test cases for clarity - Annexes | ROHDE & SCHWARZ | 38.533 | 1279 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215915 | Change title of iRAT test cases for clarity - Annexes | ROHDE & SCHWARZ | 38.533 | 1279 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214395 | Addition of FR1 mobility enhancement TC 6.3.1.9-Intra-band inter-frequency sync DAPS HO in SA for FR1 | China Telecommunications | 38.533 | 1280 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-214407 | Clarification of test procedure for 4.3.2.2.1 | ROHDE & SCHWARZ | 38.533 | 1281 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214408 | Corrections to 4.7.1.x.y SS-RSRP test cases | ROHDE & SCHWARZ | 38.533 | 1282 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214409 | Corrections to 4.7.2.x SS-RSRQ test cases | ROHDE & SCHWARZ | 38.533 | 1283 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214410 | Corrections to 4.7.3.x SS-SINR test cases | ROHDE & SCHWARZ | 38.533 | 1284 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214411 | Corrections to 4.5.1.6 | ROHDE & SCHWARZ | 38.533 | 1285 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214412 | Corrections to 4.5.1.8 | ROHDE & SCHWARZ | 38.533 | 1286 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214413 | Core spec alignment of EN-DC FR2 PRACH | ROHDE & SCHWARZ | 38.533 | 1287 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214414 | Corrections to 6.5.1.2 | ROHDE & SCHWARZ | 38.533 | 1288 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214415 | Corrections to 6.5.1.4 | ROHDE & SCHWARZ | 38.533 | 1289 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214416 | Corrections to 6.7.1.x.y SS-RSRP test cases | ROHDE & SCHWARZ | 38.533 | 1290 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214417 | Corrections to 6.7.2.x SS-RSRQ test cases | ROHDE & SCHWARZ | 38.533 | 1291 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214418 | Corrections to 6.7.3.x SS-SINR test cases | ROHDE & SCHWARZ | 38.533 | 1292 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214419 | Corrections to 6.5.1.6 | ROHDE & SCHWARZ | 38.533 | 1293 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214420 | Corrections to 6.5.1.8 | ROHDE & SCHWARZ | 38.533 | 1294 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214421 | Align 6.3.2.2.x to core spec | ROHDE & SCHWARZ | 38.533 | 1295 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214422 | Align 6.4.3.1 to core spec | ROHDE & SCHWARZ | 38.533 | 1296 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214423 | Align 6.6.2.x to core spec | ROHDE & SCHWARZ | 38.533 | 1297 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214424 | Align 6.6.3.x to core spec | ROHDE & SCHWARZ | 38.533 | 1298 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214425 | Completion Annex C.2.3 | ROHDE & SCHWARZ | 38.533 | 1299 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216055 | Completion Annex C.2.3 | ROHDE & SCHWARZ | 38.533 | 1299 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214426 | Correction to Table H.3.5-9 | ROHDE & SCHWARZ | 38.533 | 1300 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214427 | Clarification CSI-ReportConfig from Annex H | ROHDE & SCHWARZ | 38.533 | 1301 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214519 | Addition of FR1 mobility enhancement TC 6.3.1.10-Intra-band inter-frequency asynchronous DAPS HO in SA for FR1 | China Telecommunications | 38.533 | 1302 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-214520 | Addition of FR1 mobility enhancement TC 6.3.1.11-Inter-band inter-frequency sync DAPS HO in SA for FR1 | China Telecommunications | 38.533 | 1303 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-214521 | Addition of FR1 mobility enhancement TC 6.3.1.12-Inter-band inter-frequency asynchronousDAPS HO in SA for FR1 | China Telecommunications | 38.533 | 1304 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-214522 | Update of applicability for RLM TC 4.6.1.3 and 4.6.1.6 | MediaTek Inc. | 38.533 | 1305 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214523 | Correction of specific message content for EN-DC FR2 TC 5.6.1.4 | MediaTek Inc. | 38.533 | 1306 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214524 | Correction of non-existent config for SA FR1 TC 6.5.3.1 | MediaTek Inc. | 38.533 | 1307 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214525 | Update of applicability for RLM TC 6.6.1.3 and 6.6.1.6 | MediaTek Inc. | 38.533 | 1308 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214526 | Correction of cell configuration for SA FR1 TC 6.3.2.1.2 and 6.3.2.1.3 | MediaTek Inc. | 38.533 | 1309 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214527 | Correction of specific message content for SA FR2 TC 7.6.1.4 | MediaTek Inc. | 38.533 | 1310 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214528 | Correction of cell configuration for SA FR2 TC 7.3.2.1.1, 7.3.2.1.2 and 7.3.2.1.3 | MediaTek Inc. | 38.533 | 1311 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214529 | Update of TCI configuration for SA FR2 TC 7.6.2.1 and 7.6.2.3 | MediaTek Inc. | 38.533 | 1312 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214530 | Correction of non-existent config for SA FR2 TC 7.7.1.3.1 | MediaTek Inc. | 38.533 | 1313 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214572 | Addition of NR SA FR2 cell re-selection for UE fulfilling low mobility relaxed measurement criterion | CATT | 38.533 | 1314 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-216364 | Addition of NR SA FR2 cell re-selection for UE fulfilling low mobility relaxed measurement criterion | CATT | 38.533 | 1314 | 1 | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-214573 | Addition of NR SA FR2 cell re-selection for UE fulfilling not-at-cell edge relaxed measurement criterion | CATT | 38.533 | 1315 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-216365 | Addition of NR SA FR2 cell re-selection for UE fulfilling not-at-cell edge relaxed measurement criterion | CATT | 38.533 | 1315 | 1 | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-214574 | Addition of NR SA FR2-FR2 cell re-selection for UE fulfilling low mobility relaxed measurement criterion | CATT | 38.533 | 1316 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-215938 | Addition of NR SA FR2-FR2 cell re-selection for UE fulfilling low mobility relaxed measurement criterion | CATT | 38.533 | 1316 | 1 | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-214575 | Addition of NR SA FR2-FR2 cell re-selection for UE fulfilling not-at-cell edge relaxed measurement criterion | CATT | 38.533 | 1317 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-216366 | Addition of NR SA FR2-FR2 cell re-selection for UE fulfilling not-at-cell edge relaxed measurement criterion | CATT | 38.533 | 1317 | 1 | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-214680 | Addition of BWP definition for FR2 SSB SCS240kHz | Anritsu | 38.533 | 1318 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216101 | Addition of BWP definition for FR2 SSB SCS240kHz | Anritsu | 38.533 | 1318 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214681 | Core alignment for DRX configuration | Anritsu | 38.533 | 1319 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214682 | Correction to FR2 event-triggered reporting in DRX test cases | Anritsu | 38.533 | 1320 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214683 | Correction to test case title for 6.7.6.1 and 6.7.7.1 | Anritsu | 38.533 | 1321 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214684 | Correction to 6.5.3.1 NR SA FR1 SCell activation and deactivation of known SCell | Anritsu | 38.533 | 1322 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216051 | Correction to 6.5.3.1 NR SA FR1 SCell activation and deactivation of known SCell | Anritsu | 38.533 | 1322 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214685 | Correction to Inter-RAT SFTD measurement delay and event triggered reporting tests | Anritsu | 38.533 | 1323 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214686 | Correction to 6.5.2.1 NR SA FR1 interruptions during measurements on deactivated NR SCC | Anritsu | 38.533 | 1324 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216099 | Correction to 6.5.2.1 NR SA FR1 interruptions during measurements on deactivated NR SCC | Anritsu | 38.533 | 1324 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214687 | Correction to 4.5.7.1EN-DC FR1 addition and release delay of known PSCell | Anritsu | 38.533 | 1325 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214688 | Correction to NR SA FR1 - E-UTRAN event-triggered reporting tests | Anritsu | 38.533 | 1326 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214689 | Correction to the number of entries in the measObjectToAddModList | Anritsu | 38.533 | 1327 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214690 | Correction to FR1 Beam Failure Detection and Link Recovery tests | Anritsu | 38.533 | 1328 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216042 | Correction to FR1 Beam Failure Detection and Link Recovery tests | Anritsu | 38.533 | 1328 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214691 | Correction to FR1 and FR2 event-triggered reporting with gap tests | Anritsu, MediaTek Inc. | 38.533 | 1329 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215907 | Correction to FR1 and FR2 event-triggered reporting with gap tests | Anritsu, MediaTek Inc. | 38.533 | 1329 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214692 | Correction to the propagation condition of NR cell for Inter RAT test cases | Anritsu | 38.533 | 1330 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216100 | Correction to the propagation condition of NR cell for Inter RAT test cases | Anritsu | 38.533 | 1330 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214693 | Clean up on editor notes for FR2 test cases | Anritsu | 38.533 | 1331 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214694 | Correction to FR2 SSB-based L1-RSRP measurement tests | Anritsu | 38.533 | 1332 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214695 | Update to Annex H.3.4 | Anritsu | 38.533 | 1333 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215916 | Update to Annex H.3.4 | Anritsu | 38.533 | 1333 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214709 | Update to table E.4-1 to add the cell configurations for several DAPS test cases | China Telecommunications | 38.533 | 1334 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | withdrawn |
| R5-214711 | Add minimum conformance requirements for DAPS handover | China Telecommunications | 38.533 | 1335 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-214712 | Correction to EN-DC FR2 interruptions at transitions between active and non-active during DRX | Anritsu | 38.533 | 1336 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216098 | Correction to EN-DC FR2 interruptions at transitions between active and non-active during DRX | Anritsu | 38.533 | 1336 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214832 | Correction to 5G-SRVCC RRM TC 6.3.1.6-handover | Huawei, Hisilicon | 38.533 | 1337 | - | Rel-16 | F | SRVCC\_NR\_to\_UMTS-UEConTest | agreed |
| R5-214833 | Correction to 5G-SRVCC RRM TC 6.6.5.1-envent triggered reporting non-DRX | Huawei, Hisilicon | 38.533 | 1338 | - | Rel-16 | F | SRVCC\_NR\_to\_UMTS-UEConTest | agreed |
| R5-214920 | Correction message contents 4.3.2.2.2 | ROHDE & SCHWARZ | 38.533 | 1339 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216043 | Correction message contents 4.3.2.2.2 | ROHDE & SCHWARZ | 38.533 | 1339 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214921 | Alignment HO test case 6.3.1.2 with core requirements | ROHDE & SCHWARZ | 38.533 | 1340 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214922 | Correction re-establishment test cases 6.3.2.1.x | ROHDE & SCHWARZ | 38.533 | 1341 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214923 | Remove gapUE and gapFR1 from iRAT test cases | ROHDE & SCHWARZ | 38.533 | 1342 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214924 | Annex A.6.1 for iRAT test cases | ROHDE & SCHWARZ | 38.533 | 1343 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214948 | Addition of FR-1 NSA CLI Measurement test cases | Qualcomm Incorporated | 38.533 | 1344 | - | Rel-16 | F | NR\_CLI-UEConTest | agreed |
| R5-214949 | Update to applicability of test cases on CSI-RS based RLM | Qualcomm Incorporated | 38.533 | 1345 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216044 | Update to applicability of test cases on CSI-RS based RLM | Qualcomm Incorporated | 38.533 | 1345 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214951 | Update to applicability of test cases requiring gap pattern ID 4 | Qualcomm Incorporated | 38.533 | 1346 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216054 | Update to applicability of test cases requiring gap pattern ID 4 | Qualcomm Incorporated | 38.533 | 1346 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214981 | Correction to FR1 EN-DC TC 4.5.7.1-PSCell addition | Huawei,Hisilicon | 38.533 | 1347 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216132 | Correction to FR1 EN-DC TC 4.5.7.1-PSCell addition | Huawei,Hisilicon | 38.533 | 1347 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214982 | Correction to FR1 EN-DC TCs-BWP switching | Huawei,Hisilicon | 38.533 | 1348 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216133 | Correction to FR1 EN-DC TCs-BWP switching | Huawei,Hisilicon | 38.533 | 1348 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214983 | Correction to FR1 EN-DC TCs-RLM | Huawei,Hisilicon | 38.533 | 1349 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214984 | Correction to FR1 EN-DC TCs-SCell activation | Huawei,Hisilicon | 38.533 | 1350 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216134 | Correction to FR1 EN-DC TCs-SCell activation | Huawei,Hisilicon | 38.533 | 1350 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214985 | Correction to FR2 EN-DC TCs-RLM | Huawei,Hisilicon | 38.533 | 1351 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214986 | Correction to FR2 EN-DC TCs-SCell activation | Huawei,Hisilicon | 38.533 | 1352 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214987 | Correction to FR1 NR SA TC 6.5.2.1-SCell interruption | Huawei,Hisilicon | 38.533 | 1353 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214988 | Correction to FR1 NR SA TCs-BWP switching | Huawei,Hisilicon | 38.533 | 1354 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216135 | Correction to FR1 NR SA TCs-BWP switching | Huawei,Hisilicon | 38.533 | 1354 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214989 | Correction to FR1 NR SA TCs-cell reselection | Huawei,Hisilicon | 38.533 | 1355 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214990 | Correction to FR1 NR SA TCs-inter-RAT accuracy | Huawei,Hisilicon | 38.533 | 1356 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215911 | Correction to FR1 NR SA TCs-inter-RAT accuracy | Huawei,Hisilicon | 38.533 | 1356 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214991 | Correction to FR1 NR SA TCs-RLM | Huawei,Hisilicon | 38.533 | 1357 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214992 | Correction to FR1 NR SA TCs-SCell activation | Huawei,Hisilicon | 38.533 | 1358 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216136 | Correction to FR1 NR SA TCs-SCell activation | Huawei,Hisilicon | 38.533 | 1358 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214993 | Correction to FR2 NR SA TCs-cell reselection | Huawei,Hisilicon | 38.533 | 1359 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214994 | Correction to FR2 NR SA TCs-SCell activation | Huawei,Hisilicon | 38.533 | 1360 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214995 | Correction to LTE SA TC 8.5.1.1-SFTD accuracy | Huawei,Hisilicon | 38.533 | 1361 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215914 | Correction to LTE SA TC 8.5.1.1-SFTD accuracy | Huawei,Hisilicon | 38.533 | 1361 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214996 | Correction to LTE SA TCs-cell reselection | Huawei,Hisilicon | 38.533 | 1362 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214997 | Correction to LTE SA TCs-inter-RAT delay | Huawei,Hisilicon | 38.533 | 1363 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214998 | Correction to LTE SA TCs-SFTD delay | Huawei,Hisilicon, Anritsu | 38.533 | 1364 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216138 | Correction to LTE SA TCs-SFTD delay | Huawei,Hisilicon, Anritsu | 38.533 | 1364 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214999 | Correction to cell mapping for CA TCs | Huawei,Hisilicon | 38.533 | 1365 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215000 | Correction to default configuration-Annex H | Huawei,Hisilicon | 38.533 | 1366 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215917 | Correction to default configuration-Annex H | Huawei,Hisilicon | 38.533 | 1366 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215005 | Addition of minimum requirements for FR1 CHO | Huawei,Hisilicon | 38.533 | 1367 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-215006 | Addition of minimum requirements for FR2 CHO | Huawei,Hisilicon | 38.533 | 1368 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-215007 | Addition of NR Mob\_Enh RRM TC 6.3.1.7-intra freq sync DAPS HO | Huawei,Hisilicon | 38.533 | 1369 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-215008 | Addition of NR Mob\_Enh RRM TC 6.3.1.8-intra freq async DAPS HO | Huawei,Hisilicon | 38.533 | 1370 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-215009 | Addition of NR Mob\_Enh RRM TC 6.3.3.1-intra freq CHO | Huawei,Hisilicon | 38.533 | 1371 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-215010 | Addition of NR Mob\_Enh RRM TC 6.3.3.2-inter freq CHO | Huawei,Hisilicon | 38.533 | 1372 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-215011 | Addition of NR Mob\_Enh RRM TC 7.3.1.4-inter band sync DAPS HO | Huawei,Hisilicon | 38.533 | 1373 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-215012 | Addition of NR Mob\_Enh RRM TC 7.3.1.5-inter band async DAPS HO | Huawei,Hisilicon | 38.533 | 1374 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-215013 | Addition of NR Mob\_Enh RRM TC 7.3.3.1-intra freq CHO | Huawei,Hisilicon | 38.533 | 1375 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-215014 | Addition of NR Mob\_Enh RRM TC 7.3.3.2-inter freq CHO | Huawei,Hisilicon | 38.533 | 1376 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-215015 | Addition of cell mapping for Mob\_Enh RRM TCs | Huawei,Hisilicon, China Telecommunications | 38.533 | 1377 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-215932 | Addition of cell mapping for Mob\_Enh RRM TCs | Huawei,Hisilicon, China Telecommunications | 38.533 | 1377 | 1 | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-215020 | Addition of minimum requirements for inter-freq relaxed measurement | Huawei,Hisilicon | 38.533 | 1378 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-215021 | Addition of minimum requirements for inter-RAT relaxed measurement | Huawei,Hisilicon | 38.533 | 1379 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | withdrawn |
| R5-215022 | Addition of minimum requirements for intra-freq relaxed measurement | Huawei,Hisilicon | 38.533 | 1380 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-215023 | Addition of NR PS RRM TC 6.1.1.3 - intra-freq cell reselection low mobility | Huawei,Hisilicon | 38.533 | 1381 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-215024 | Addition of NR PS RRM TC 6.1.1.4 - intra-freq cell reselection non-cell-edge | Huawei,Hisilicon | 38.533 | 1382 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-215025 | Addition of NR PS RRM TC 6.1.1.5 - inter-freq cell reselection low mobility | Huawei,Hisilicon | 38.533 | 1383 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-215026 | Addition of NR PS RRM TC 6.1.1.6 - inter-freq cell reselection non-cell-edge | Huawei,Hisilicon | 38.533 | 1384 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-215027 | Addition of cell mapping for NR PS RRM TCs | Huawei,Hisilicon | 38.533 | 1385 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-215939 | Addition of cell mapping for NR PS RRM TCs | Huawei,Hisilicon | 38.533 | 1385 | 1 | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-215034 | Addition of NR HST RRM TC 4.6.1.7-intra-freq DRX highSpeedMeasFlag | Huawei,Hisilicon | 38.533 | 1386 | - | Rel-16 | F | NR\_HST-UEConTest | revised |
| R5-215948 | Addition of NR HST RRM TC 4.6.1.7-intra-freq DRX highSpeedMeasFlag | Huawei,Hisilicon | 38.533 | 1386 | 1 | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-215035 | Addition of NR HST RRM TC 6.1.2.5-intra-freq cell reselection highSpeedMeasFlag | Huawei,Hisilicon | 38.533 | 1387 | - | Rel-16 | F | NR\_HST-UEConTest | revised |
| R5-215949 | Addition of NR HST RRM TC 6.1.2.5-intra-freq cell reselection highSpeedMeasFlag | Huawei,Hisilicon | 38.533 | 1387 | 1 | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-215036 | Correction to minimum requirements for inter-RAT cell reselection with highSpeedMeasFlag | Huawei,Hisilicon | 38.533 | 1388 | - | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-215037 | Correction to minimum requirements for intra-frequency measurement with highSpeedMeasFlag | Huawei,Hisilicon | 38.533 | 1389 | - | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-215038 | Correction to NR HST RRM TC 6.1.1.7-HST intra-freq cell reselection | Huawei,Hisilicon | 38.533 | 1390 | - | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-215039 | Addition of cell mapping for NR HST RRM TCs | Huawei,Hisilicon | 38.533 | 1391 | - | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-215067 | Addition of minimum conformance requirements of inter-RAT cell re-selection with relaxed measurement criterion | Huawei, HiSilicon | 38.533 | 1392 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-215940 | Addition of minimum conformance requirements of inter-RAT cell re-selection with relaxed measurement criterion | Huawei, HiSilicon | 38.533 | 1392 | 1 | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-215068 | Addition of 6.1.2.3 inter-RAT cell re-selection with relaxed measurement with low mobility | Huawei, HiSilicon | 38.533 | 1393 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-216143 | Addition of 6.1.2.3 inter-RAT cell re-selection with relaxed measurement with low mobility | Huawei, HiSilicon | 38.533 | 1393 | 1 | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-215069 | Addition of 6.1.2.4 inter-RAT cell re-selection with relaxed measurement with not at cell edge | Huawei, HiSilicon | 38.533 | 1394 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-216144 | Addition of 6.1.2.4 inter-RAT cell re-selection with relaxed measurement with not at cell edge | Huawei, HiSilicon | 38.533 | 1394 | 1 | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-215070 | Update of Annex E and Annex F for test cases with relaxed measurement criterion | Huawei, HiSilicon, CATT | 38.533 | 1395 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-215941 | Update of Annex E and Annex F for test cases with relaxed measurement criterion | Huawei, HiSilicon, CATT | 38.533 | 1395 | 1 | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-215137 | Clarification on cl 3A.1.1 test coverage across 5G NR architecture options for RRM | CMCC, Qualcomm, Ericsson | 38.533 | 1396 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216025 | Clarification on cl 3A.1.1 test coverage across 5G NR architecture options for RRM | CMCC, Qualcomm, Ericsson | 38.533 | 1396 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215206 | Introduction of n24 | Ligado Networks | 38.533 | 1397 | - | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-215968 | Introduction of n24 | Ligado Networks | 38.533 | 1397 | 1 | Rel-17 | B | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-215243 | Update of test case 6.6.4.5 for R16 NR HST | CMCC | 38.533 | 1398 | - | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-215244 | Editorial change of RRM test case 6.6.1.7 | CMCC | 38.533 | 1399 | - | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-215351 | Correction of Frame Time offset and SMTC config in EUTRA-NR Inter-RAT SFTD measurement delay | Anritsu | 38.533 | 1400 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215352 | Correction to test frequeny selection for intra-band EN-DC | Anritsu | 38.533 | 1401 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215353 | Correction to test procedure for 6.1.2.2 IRAT ReSelection | Anritsu, Qualcomm Korea | 38.533 | 1402 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215912 | Correction to test procedure for 6.1.2.2 IRAT ReSelection | Anritsu, Qualcomm Korea | 38.533 | 1402 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215354 | Correction to test requirement for 8.4.2.4 and error in writing for 8.4.2.x | Anritsu | 38.533 | 1403 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215355 | Correction to DRX configuration for eliminating overlap between DRX and SMTC | Anritsu | 38.533 | 1404 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215360 | Correction to test case 6.3.1.1 and 6.3.1.3 | China Telecommunications | 38.533 | 1405 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215365 | Core spec alignment to add CCR configuration for EN-DC PRACH | ROHDE & SCHWARZ | 38.533 | 1406 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215366 | Core spec alignment to add CCR configuration for EN-DC Timing | ROHDE & SCHWARZ | 38.533 | 1407 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215367 | Core spec alignment to add CCR configuration for EN-DC event triggered | ROHDE & SCHWARZ | 38.533 | 1408 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215368 | Addition of minimum conformance requirements of cell re-selection with relaxed measurement criterion in FR2 | CATT | 38.533 | 1409 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-215392 | Add test case 4.3.2.2.3 for EN-DC FR1 2-step PRACH | ROHDE & SCHWARZ | 38.533 | 1410 | - | Rel-16 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-215393 | Add test case 4.3.2.2.4 for EN-DC FR1 2-step PRACH | ROHDE & SCHWARZ | 38.533 | 1411 | - | Rel-16 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-215394 | Add test case 5.3.2.2.3 for EN-DC FR2 2-step PRACH | ROHDE & SCHWARZ | 38.533 | 1412 | - | Rel-16 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-215395 | Add test case 5.3.2.2.4 for EN-DC FR2 2-step PRACH | ROHDE & SCHWARZ | 38.533 | 1413 | - | Rel-16 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-215396 | Add test case 6.3.2.2.3 for SA FR1 2-step PRACH | ROHDE & SCHWARZ | 38.533 | 1414 | - | Rel-16 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-215397 | Add test case 6.3.2.2.4 for SA FR1 2-step PRACH | ROHDE & SCHWARZ | 38.533 | 1415 | - | Rel-16 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-215398 | Add 2-Step PRACH test cases to Annex E | ROHDE & SCHWARZ | 38.533 | 1416 | - | Rel-16 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-215412 | Addition of cell configuration for RRM HST test cases in Annex E | Ericsson | 38.533 | 1417 | - | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-215413 | Correction of RRM HST Inter-RAT measurements test case 6.6.3.3 | Ericsson | 38.533 | 1418 | - | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-215414 | Correction of RRM HST E-UTRA NR FR1 Cell reselection test case 8.2.1.2 | Ericsson | 38.533 | 1419 | - | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-215415 | Correction of RRM HST E-UTRA NR Inter-RAT event triggered reporting test case 8.4.2.9 | Ericsson | 38.533 | 1420 | - | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-215416 | Correction of CSI-ReportConfig in Annex H | Ericsson | 38.533 | 1421 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215918 | Correction of CSI-ReportConfig in Annex H | Ericsson | 38.533 | 1421 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215417 | Correction of RRM EN-DC FR2 SSB-based L1-RSRP measurement in non-DRX test case 5.6.3.1 including Test Tolerance | Ericsson | 38.533 | 1422 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216145 | Correction of RRM EN-DC FR2 SSB-based L1-RSRP measurement in non-DRX test case 5.6.3.1 including Test Tolerance | Ericsson | 38.533 | 1422 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215418 | Correction of RRM EN-DC FR2 SSB-based L1-RSRP measurement in DRX test case 5.6.3.2 including Test Tolerance | Ericsson | 38.533 | 1423 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216146 | Correction of RRM EN-DC FR2 SSB-based L1-RSRP measurement in DRX test case 5.6.3.2 including Test Tolerance | Ericsson | 38.533 | 1423 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215419 | Correction of RRM EN-DC FR2 CSI-RS-based L1-RSRP measurement in non-DRX test case 5.6.3.3 | Ericsson | 38.533 | 1424 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216147 | Correction of RRM EN-DC FR2 CSI-RS-based L1-RSRP measurement in non-DRX test case 5.6.3.3 | Ericsson | 38.533 | 1424 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215420 | Correction of RRM EN-DC FR2 CSI-RS-based L1-RSRP measurement in DRX test case 5.6.3.4 | Ericsson | 38.533 | 1425 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215421 | Correction of RRM NR SA FR2 SSB-based L1-RSRP measurement in non-DRX test case 7.6.3.1 including Test Tolerance | Ericsson | 38.533 | 1426 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216148 | Correction of RRM NR SA FR2 SSB-based L1-RSRP measurement in non-DRX test case 7.6.3.1 including Test Tolerance | Ericsson | 38.533 | 1426 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215422 | Correction of RRM NR SA FR2 SSB-based L1-RSRP measurement in DRX test case 7.6.3.2 including Test Tolerance | Ericsson | 38.533 | 1427 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216149 | Correction of RRM NR SA FR2 SSB-based L1-RSRP measurement in DRX test case 7.6.3.2 including Test Tolerance | Ericsson | 38.533 | 1427 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215423 | Correction of RRM NR SA FR2 CSI-RS-based L1-RSRP measurement in non-DRX test case 7.6.3.3 | Ericsson | 38.533 | 1428 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216360 | Correction of RRM NR SA FR2 CSI-RS-based L1-RSRP measurement in non-DRX test case 7.6.3.3 | Ericsson | 38.533 | 1428 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215424 | Correction of RRM NR SA FR2 CSI-RS-based L1-RSRP measurement in DRX test case 7.6.3.4 | Ericsson | 38.533 | 1429 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216361 | Correction of RRM NR SA FR2 CSI-RS-based L1-RSRP measurement in DRX test case 7.6.3.4 | Ericsson | 38.533 | 1429 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215425 | Correction of RRM EN-DC FR2-FR2 event-triggered reporting in DRX test case 5.6.2.2 including Test Tolerance | Ericsson | 38.533 | 1430 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215426 | Correction of RRM EN-DC FR2-FR2 event-triggered reporting in DRX with SSB time index detection test case 5.6.2.4 including Test Tolerance | Ericsson | 38.533 | 1431 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215427 | Correction of RRM SA FR2-FR2 event-triggered reporting in DRX test case 7.6.2.2 including Test Tolerance | Ericsson | 38.533 | 1432 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215428 | Correction of RRM SA FR2-FR2 event-triggered reporting in DRX with SSB time index detection test case 7.6.2.4 including Test Tolerance | Ericsson | 38.533 | 1433 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215429 | Editorial correction of RRM FR2 EN-DC event triggered measurement test cases | Ericsson | 38.533 | 1434 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215430 | Editorial correction of RRM FR2 SA event triggered measurement test cases | Ericsson | 38.533 | 1435 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215431 | Correction of Measurement Uncertainty and Test Tolerance in Annex F for RRM test cases | Ericsson | 38.533 | 1436 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215436 | Add MsgA configuration to the TS 38.533 annexes | ROHDE & SCHWARZ | 38.533 | 1437 | - | Rel-16 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-215614 | Update on 6.3.1.1 to be aligned with TS 38.133 | Keysight Technologies UK Ltd | 38.533 | 1438 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215620 | MTSU and TT mapping related to Max Device Size in TS 38.533 | Keysight Technologies UK Ltd | 38.533 | 1439 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215621 | Update on 6.3.2.2.2 initial conditions | Keysight Technologies UK Ltd | 38.533 | 1440 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215622 | Updates on 5.6.1.3 and 5.6.1.4 CSI-RS RLM test cases test appliability | Keysight Technologies UK Ltd | 38.533 | 1441 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215623 | Update applicability section for 5.6.2.1, 5.6.2.2, 5.6.2.3, 5.6.2.4 | Keysight Technologies UK Ltd | 38.533 | 1442 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215624 | Correction in 5.6.1.1, 5.6.1.3 test procedure to configure iterations | Keysight Technologies UK Ltd | 38.533 | 1443 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215625 | Correction in 5.6.2.1, 5.6.2.2, 5.6.2.3, 5.6.2.4 test procedure to configure iterations | Keysight Technologies UK Ltd | 38.533 | 1444 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215649 | Updates to DCI based BWP switch NSA FR1 TC 4.5.6.1.1 | Qualcomm Korea | 38.533 | 1445 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216045 | Updates to DCI based BWP switch NSA FR1 TC 4.5.6.1.1 | Qualcomm Korea | 38.533 | 1445 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215650 | Updates to DCI based BWP switch NSA FR1 2DLCA TC 4.5.6.1.2 | Qualcomm Korea | 38.533 | 1446 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216046 | Updates to DCI based BWP switch NSA FR1 2DLCA TC 4.5.6.1.2 | Qualcomm Korea | 38.533 | 1446 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215651 | Updates to RRC based BWP switch NSA FR1 TC 4.5.6.2.1 | Qualcomm Korea | 38.533 | 1447 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216047 | Updates to RRC based BWP switch NSA FR1 TC 4.5.6.2.1 | Qualcomm Korea | 38.533 | 1447 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215652 | Updates to DCI based BWP switch SA FR1 2DLCA TC 6.5.6.1.1 | Qualcomm Korea | 38.533 | 1448 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216123 | Updates to DCI based BWP switch SA FR1 2DLCA TC 6.5.6.1.1 | Qualcomm Korea | 38.533 | 1448 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215653 | Updates to DCI based BWP switch SA FR1 TC 6.5.6.1.2 | Qualcomm Korea | 38.533 | 1449 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216124 | Updates to DCI based BWP switch SA FR1 TC 6.5.6.1.2 | Qualcomm Korea | 38.533 | 1449 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215654 | Updates to RRC based BWP switch SA FR1 TC 6.5.6.2.1 | Qualcomm Korea | 38.533 | 1450 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216125 | Updates to RRC based BWP switch SA FR1 TC 6.5.6.2.1 | Qualcomm Korea | 38.533 | 1450 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215655 | Update to applicability statement to include gap pattern id 13 for applicable NSA event triggered test cases | Qualcomm Korea | 38.533 | 1451 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215656 | TRS configuration update to NSA FR1 TC 6.5.4.1.1 | Qualcomm Korea | 38.533 | 1452 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215657 | Test procedure update to RRM SA FR1 TC 6.1.2.2 | Qualcomm Korea | 38.533 | 1453 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215658 | Correction to UL BWP configuration for SA FR1 TC 6.5.2.1 | Qualcomm Korea | 38.533 | 1454 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216137 | Correction to UL BWP configuration for SA FR1 TC 6.5.2.1 | Qualcomm Korea | 38.533 | 1454 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214189 | TT analysis for RRM test cases 5.7.2.2 and 7.7.2.2 | ROHDE & SCHWARZ | 38.903 | 0240 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214190 | TT analysis for RRM test cases 5.7.3.2 and 7.7.3.2 | ROHDE & SCHWARZ | 38.903 | 0241 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214204 | Update of demod SNR testability | ROHDE & SCHWARZ, Anritsu | 38.903 | 0242 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216102 | Update of demod SNR testability | ROHDE & SCHWARZ, Anritsu | 38.903 | 0242 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214713 | Add Test Tolerance analyses for EN-DC FR2 interruptions at transitions between active and non-active during DRX Test cases | Anritsu | 38.903 | 0243 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216103 | Add Test Tolerance analyses for EN-DC FR2 interruptions at transitions between active and non-active during DRX Test cases | Anritsu | 38.903 | 0243 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214848 | Introducing EIRP UL Absolute Power MU for FR2 RRM | Anritsu | 38.903 | 0244 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216104 | Introducing EIRP UL Absolute Power MU for FR2 RRM | Anritsu | 38.903 | 0244 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214849 | Correction to MU for spurious emission band UE co-existence | Anritsu | 38.903 | 0245 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214854 | Update of FR2 demod SNR range calculator | Anritsu | 38.903 | 0246 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214919 | Update TT analysis for RRM test cases 5.7.1.2 and 7.7.1.2 | ROHDE & SCHWARZ | 38.903 | 0247 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215002 | TT analysis for LTE SA TC 8.5.1.1-SFTD accuracy | Huawei,Hisilicon | 38.903 | 0248 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215320 | Correction of power control in 38.903 | Anritsu | 38.903 | 0249 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216105 | Correction of power control in 38.903 | Anritsu | 38.903 | 0249 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215330 | Correction to MU for spurious emission band UE co-existence | Anritsu | 38.903 | 0250 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215432 | Correction of Test Tolerance analysis for FR2 event triggered reporting in non-DRX test cases | Ericsson | 38.903 | 0251 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216362 | Correction of Test Tolerance analysis for FR2 event triggered reporting in non-DRX test cases | Ericsson | 38.903 | 0251 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215433 | Correction of Test Tolerance analysis for FR2 event triggered reporting in DRX test cases | Ericsson | 38.903 | 0252 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215434 | Test Tolerance analysis for FR2 SSB-based L1-RSRP measurement for beam reporting test cases | Ericsson | 38.903 | 0253 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216363 | Test Tolerance analysis for FR2 SSB-based L1-RSRP measurement for beam reporting test cases | Ericsson | 38.903 | 0253 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215478 | MU for Tx modulation quality test cases | ROHDE & SCHWARZ | 38.903 | 0254 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215815 | MU for Tx modulation quality test cases | ROHDE & SCHWARZ | 38.903 | 0254 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215582 | Introduction of MTSU mapping related to Max Device Size | Keysight Technologies UK Ltd | 38.903 | 0255 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215834 | Introduction of MTSU mapping related to Max Device Size | Keysight Technologies UK Ltd | 38.903 | 0255 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215630 | 38.903 CR FR2 ETC MU updates for new ETC test cases | Keysight technologies UK Ltd | 38.903 | 0256 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216117 | 38.903 CR FR2 ETC MU updates for new ETC test cases | Keysight technologies UK Ltd | 38.903 | 0256 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214244 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_1A\_n28A | Ericsson, Orange | 38.905 | 0430 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216014 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_1A\_n28A | Ericsson, Orange | 38.905 | 0430 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214245 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_1A\_n77A | Ericsson | 38.905 | 0431 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214246 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_1A\_n79A | Ericsson | 38.905 | 0432 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214247 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_3A\_n28A | Ericsson, Orange | 38.905 | 0433 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214248 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_3A\_n77A | Ericsson | 38.905 | 0434 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214249 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_7A\_n28A | Ericsson, Orange | 38.905 | 0435 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214250 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_19A\_n77A | Ericsson | 38.905 | 0436 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214251 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_19A\_n78A | Ericsson | 38.905 | 0437 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214252 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_19A\_n79A | Ericsson | 38.905 | 0438 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214253 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_20A\_n28A | Ericsson, Orange | 38.905 | 0439 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214254 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_20A\_n78A | Ericsson, Huawei, HiSilicon | 38.905 | 0440 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215919 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_20A\_n78A | Ericsson, Huawei, HiSilicon | 38.905 | 0440 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214255 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_21A\_n77A | Ericsson | 38.905 | 0441 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214256 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_21A\_n78A | Ericsson | 38.905 | 0442 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214257 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_21A\_n79A | Ericsson | 38.905 | 0443 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214258 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_28A\_n77A | Ericsson | 38.905 | 0444 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214259 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_28A\_n78A | Ericsson | 38.905 | 0445 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-214260 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_28A\_n79A | Ericsson | 38.905 | 0446 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214261 | Introduction of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_42A\_n77A | Ericsson | 38.905 | 0447 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214262 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_1A\_n78A | Ericsson | 38.905 | 0448 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214263 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_3A\_n79A | Ericsson | 38.905 | 0449 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214264 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_5A\_n66A | Ericsson | 38.905 | 0450 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214265 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_5A\_n78A | Ericsson | 38.905 | 0451 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214266 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_7A\_n78A | Ericsson, Orange | 38.905 | 0452 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214267 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_11A\_n77A | Ericsson | 38.905 | 0453 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214268 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_11A\_n78A | Ericsson | 38.905 | 0454 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214269 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_11A\_n79A | Ericsson | 38.905 | 0455 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214270 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_25A\_n41A | Ericsson | 38.905 | 0456 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215920 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_25A\_n41A | Ericsson | 38.905 | 0456 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214271 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_26A\_n77A | Ericsson | 38.905 | 0457 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214272 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_26A\_n78A | Ericsson | 38.905 | 0458 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214273 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_39A\_n79A | Ericsson | 38.905 | 0459 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214274 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_41A\_n77A | Ericsson | 38.905 | 0460 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214275 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_41A\_n78A | Ericsson | 38.905 | 0461 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214276 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_41A\_n79A | Ericsson | 38.905 | 0462 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214277 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_66A\_n5A | Ericsson | 38.905 | 0463 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214278 | Update of spurious emission TP analysis for Rel-15 EN-DC configuration DC\_66A\_n78A | Ericsson | 38.905 | 0464 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214315 | Update of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_40A\_n1A | Ericsson | 38.905 | 0465 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-214316 | Update of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_40A\_n78A | Ericsson | 38.905 | 0466 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-214385 | Introduction of NR FR2 Test Points For Aggregate power tolerance for CA | 3in | 38.905 | 0467 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-214721 | Adding TP analysis for test case 6.5D.1\_1 | Ericsson | 38.905 | 0468 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-214907 | Introduction of test point analysis for FR2 Time alignment error for UL MIMO test case | TTA | 38.905 | 0469 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215059 | Addition of TP analysis for spurious emissions for DC\_20A\_n78A | Huawei, HiSilicon | 38.905 | 0470 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-215060 | Addition of TP analysis for spurious emissions for DC\_28A\_n78A | Huawei, HiSilicon, Ericsson | 38.905 | 0471 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-215921 | Addition of TP analysis for spurious emissions for DC\_28A\_n78A | Huawei, HiSilicon, Ericsson | 38.905 | 0471 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215064 | Addition of TP for REFSENS for inter-band EN-DC 2CC and 3CC combos | Huawei, HiSilicon | 38.905 | 0472 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216056 | Addition of TP for REFSENS for inter-band EN-DC 2CC and 3CC combos | Huawei, HiSilicon | 38.905 | 0472 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215076 | Addition of TP analysis of V2X MPR, SEM and ACLR non-concurrent with SL-MIMO | Huawei, HiSilicon | 38.905 | 0473 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-215077 | Addition of TP analysis of V2X minimum output power for non-concurrent with SL-MIMO | Huawei, HiSilicon | 38.905 | 0474 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-215164 | Addition of test points analysis for NS\_06 power class 1 test cases | Ericsson | 38.905 | 0475 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215183 | Correction to IE and UE capability for low PAPR DMRS in test point analysis | Huawei, HiSilicon | 38.905 | 0476 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-216142 | Correction to IE and UE capability for low PAPR DMRS in test point analysis | Huawei, HiSilicon | 38.905 | 0476 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-215217 | Update of TP analysis for general spurious emissions for DC\_3A\_n41A | Huawei, HiSilicon | 38.905 | 0477 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-216017 | Update of TP analysis for general spurious emissions for DC\_3A\_n41A | Huawei, HiSilicon | 38.905 | 0477 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215218 | Update of TP analysis for general spurious emissions for DC\_8A\_n41A | Huawei, HiSilicon | 38.905 | 0478 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | withdrawn |
| R5-215219 | Update of TP analysis for general spurious emissions for DC\_12A\_n78A | Huawei, HiSilicon | 38.905 | 0479 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215220 | Update of TP analysis for general spurious emissions for DC\_28A\_n3A | Huawei, HiSilicon | 38.905 | 0480 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215221 | Update of TP analysis for general spurious emissions for DC\_39A\_n41A | Huawei, HiSilicon | 38.905 | 0481 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-216018 | Update of TP analysis for general spurious emissions for DC\_39A\_n41A | Huawei, HiSilicon | 38.905 | 0481 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215222 | Update of TP analysis for general spurious emissions for DC\_40A\_n41A | Huawei, HiSilicon | 38.905 | 0482 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-216019 | Update of TP analysis for general spurious emissions for DC\_40A\_n41A | Huawei, HiSilicon | 38.905 | 0482 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215229 | Correction to TP analysis for in-band emission for intra-band contiguous EN-DC | Huawei, HiSilicon | 38.905 | 0483 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215236 | Addition of reference sensitivity TP analysis for DC\_1A\_n28A-n78A | Huawei, HiSilicon | 38.905 | 0484 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215237 | Addition of reference sensitivity TP analysis for DC\_1A-3A\_n28A | Huawei, HiSilicon | 38.905 | 0485 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215238 | Addition of reference sensitivity TP analysis for DC\_1A-7A\_n28A | Huawei, HiSilicon | 38.905 | 0486 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215239 | Addition of reference sensitivity TP analysis for DC\_3A-7A\_n28A | Huawei, HiSilicon | 38.905 | 0487 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215258 | Correction to TP analysis for reference sensitivity per EN-DC configuration | Huawei, HiSilicon | 38.905 | 0488 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216057 | Correction to TP analysis for reference sensitivity per EN-DC configuration | Huawei, HiSilicon | 38.905 | 0488 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215259 | Correction to Annex D Principles for test point selection for EN-DC reference sensitivity test cases | Huawei, HiSilicon | 38.905 | 0489 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216058 | Correction to Annex D Principles for test point selection for EN-DC reference sensitivity test cases | Huawei, HiSilicon | 38.905 | 0489 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215289 | Updating Test point analysis for DC\_3A\_n28A-n78A | Huawei, Hisilicon | 38.905 | 0490 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216059 | Updating Test point analysis for DC\_3A\_n28A-n78A | Huawei, Hisilicon | 38.905 | 0490 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215291 | Updating Test point analysis for DC\_7A\_n28A-n78A | Huawei, Hisilicon | 38.905 | 0491 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216060 | Updating Test point analysis for DC\_7A\_n28A-n78A | Huawei, Hisilicon | 38.905 | 0491 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215293 | Updating Test point analysis for DC\_3A-20A\_n28A | Huawei, Hisilicon | 38.905 | 0492 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215295 | Updating Test point analysis for DC\_7A-20A\_n28A | Huawei, Hisilicon | 38.905 | 0493 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216061 | Updating Test point analysis for DC\_7A-20A\_n28A | Huawei, Hisilicon | 38.905 | 0493 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215300 | Updating TP analysis for Absolute power tolerance for CA | Huawei, Hisilicon | 38.905 | 0494 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | revised |
| R5-216068 | Updating TP analysis for Absolute power tolerance for CA | Huawei, Hisilicon | 38.905 | 0494 | 1 | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-215302 | Updating TP analysis for Relative power tolerance for CA | Huawei, Hisilicon | 38.905 | 0495 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-215304 | Updating TP analysis for Aggregate power tolerance for CA | Huawei, Hisilicon | 38.905 | 0496 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-215306 | Updating TP analysis for Occupied bandwidth for CA | Huawei, Hisilicon | 38.905 | 0497 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-215327 | TP analysis for FR2 General ON OFF time mask | Anritsu | 38.905 | 0498 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215336 | Correction to TP analysis for FR1 A-SPR with NS\_17 | Anritsu | 38.905 | 0499 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215516 | Update\_TP\_analysis for Rel\_16\_DC\_14A\_n66A | Qualcomm Austria RFFE GmbH | 38.905 | 0500 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-216064 | Update\_TP\_analysis for Rel\_16\_DC\_14A\_n66A | Qualcomm Austria RFFE GmbH | 38.905 | 0500 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215536 | Defining TP analysis for MPR, SEM and ACLR for FR2 UL MIMO | Keysight technologies UK Ltd, Sporton | 38.905 | 0501 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-216062 | Defining TP analysis for MPR, SEM and ACLR for FR2 UL MIMO | Keysight technologies UK Ltd, Sporton | 38.905 | 0501 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215543 | Update\_TP\_analysis for Rel\_16\_DC\_14A\_n2A | Qualcomm Austria RFFE GmbH | 38.905 | 0502 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215545 | Update\_TP\_analysis for Rel\_16\_DC\_13A\_n2A | Qualcomm Austria RFFE GmbH | 38.905 | 0503 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215547 | Update\_TP\_analysis for Rel\_15\_DC\_2A\_n71A | Qualcomm Austria RFFE GmbH | 38.905 | 0504 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215550 | Update\_TP\_analysis for Rel\_15\_DC\_66A\_n71A | Qualcomm Austria RFFE GmbH | 38.905 | 0505 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-215669 | TP analysis for ref sensitivity DC\_48A\_n66A | Qualcomm Austria RFFE GmbH | 38.905 | 0506 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-216109 | TP analysis for ref sensitivity DC\_48A\_n66A | Qualcomm Austria RFFE GmbH | 38.905 | 0506 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215801 | Update of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_8A\_n41A | Keysight technologies UK Ltd, Ericsson, Huawei, HiSIlicon | 38.905 | 0507 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-216020 | Update of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_8A\_n41A | Keysight technologies UK Ltd, Ericsson, Huawei, HiSIlicon | 38.905 | 0507 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-215692 | Update to mandate non support of GEA1 for Release 11 | Vodafone | 51.010-2 | 4406 | - | Rel-13 | F | TEI11\_Test | agreed |

## Annex C: Lists of liaisons

### C1: Incoming liaison statements

17 incoming LSs at RAN5#92-e

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document | Original | Title | From | Decision |
| R5-214164 | C1-212906 | Reply LS on 180 Ringing when preconditions are not used | TSG WG CT1 | noted |
| R5-214165 | C1-213546 | LS reply on ""ICE support for establishing an MCPTT pre-established session"" | TSG WG CT1 | noted |
| R5-214166 | C1-213548 | LS reply on SDP attribute a=key-mgmt:mikey | TSG WG CT1 | noted |
| R5-214167 | C1-213557 | Reply LS on confirming successful resource reservation | TSG WG CT1 | noted |
| R5-214168 | C1-213597 | LS reply on integrity and confidentiality protection of xcap-diff and pidf documents in MCPTT (TS 24.379) | TSG WG CT1 | noted |
| R5-214169 | R4-2107879 | LS on RAN4 recommendation for the 52.6 - 71 GHz frequency range designation | TSG WG RAN4 | noted |
| R5-214170 | R4-2107904 | Reply LS On minimum requirements for Transmit ON/OFF time mask in UL MIMO FR1 | TSG WG RAN4 | noted |
| R5-214171 | R4-2108019 | LS on time mask for NR V2X and LTE V2X switching in ITS band | TSG WG RAN4 | noted |
| R5-214172 | R4-2108233 | Reply LS to RAN5 LS on Frequency Bands for testing of A-GNSS Sensitivity requirements in NR and LTE | TSG WG RAN4 | noted |
| R5-214173 | R4-2108262 | LS on NR-U Test Cases subject to statistical testing | TSG WG RAN4 | withdrawn |
| R5-214174 | R4-2108622 | LS to RAN5 on MU work of FR1 TRP TRS WI | TSG WG RAN4 | noted |
| R5-214175 | R4-2108623 | Reply LS on 5G FR1 OTA Testing Method | TSG WG RAN4 | noted |
| R5-214176 | R4-2109739 | LS to RAN5 on LTE REFSENS Exceptions Simplification | TSG WG RAN4 | noted |
| R5-214177 | TFES(21)069022r1\_LSout\_to\_3GPP\_regarding\_editorial\_issues\_of\_5G-NR\_UE\_S | LS to 3GPP on the editorial issues of 5G-NR UE specifications in TSG RAN WG5 & TSG RAN WG4 | MSG TFES | noted |
| R5-214178 | TSG44\_032 | LS Announcing the publication of GSMA TS.48 Generic eUICC Test Profile for Device Testing version 4.0 | GSMA TSG eSIMTP | noted |
| R5-214179 | R4-2108262 | LS on NR-U Test Cases subject to statistical testing | TSG WG RAN4 | noted |
| R5-214180 | R4-2114569 | LS on RAN4 updates to TR 37.901-5 | TSG WG RAN4 | noted |

### C2: Outgoing liaison statements

5 outgoing LSs at RAN5#92-e, 1 email approved.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document | Title | To | Cc | status |
| R5-215762 | Association between serving cell and measurement object | TSG WG RAN2 | - | approved |
| R5-215763 | Response LS to RAN4 on MU work for FR1 TRP TRS WI | TSG WG RAN4 | - | approved |
| R5-215764 | LS on Revision of Recommendations ITU-R M.2070 and ITU-R M.2071 on Unwanted Emissions of IMT-Advanced | TSG RAN | - | approved |
| R5-215803 | Response LS to RAN4 on LTE REFSENS Exceptions Simplification | TSG WG RAN4 | - | approved |
| R5-215806 | Response LS to MSG TFES on the editorial issues of 5G-NR UE specifications in TSG RAN WG5 & TSG RAN WG4 | MSG TFES | TC ERM, TSG RAN, TSG WG RAN4 | approved |
| R5-215809 | Discussion on AMPR edge RB allocation for NS | TSG WG RAN4 | - | email approved |

## Annex D: List of agreed/approved new and revised Work Items

4 new WIDs were endorsed, 1 noted at RAN5#92-e, 3 revised WIDs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Tdoc | Title | Source | Decision | Doc-type | WorkItem | Release |
| R5-215190 | Revised WID for LTE\_B24\_mod-UEConTest | Ligado Networks | endorsed | WID revised | LTE\_B24\_mod-UEConTest | Rel-17 |
| R5-215684 | New WID - UE Conformance Test Aspects – Transparent Tx Diversity for NR | Guangdong OPPO Mobile Telecom. | noted | WID new | - | Rel-17 |
| R5-215704 | New WID - UE Conformance Test Aspects - High power UE (power class 1.5) for NR band n79 | CMCC | endorsed | WID new | NR\_UE\_PC1\_5\_n79\_UEConTest | Rel-17 |
| R5-215705 | New WID - UE Conformance Test Aspects - High power UE (power class 2) for NR band n34 | CMCC | endorsed | WID new | - | Rel-17 |
| R5-215706 | New WID - UE Conformance Test Aspects - High power UE (power class 2) for NR band n39 | CMCC | endorsed | WID new | - | Rel-17 |
| R5-215707 | New WID on UE Conformance - PC2 EN-DC with x LTE band + y NR band (x= 2, 3, 4, y=1; x=1, 2, y=2) | Ericsson | endorsed | WID new | ENDC\_PC2\_R17\_xLTE\_yNR\_UEConTest | Rel-17 |
| R5-215765 | Revised WID - UE Conformance Test Aspects for NR RF Requirement Enhancements for FR2 | Apple Portugal, Nokia | endorsed | WID revised | NR\_RF\_FR2\_req\_enh-UEConTest | - |
| R5-215772 | Revised WID on UE Conformance Test Aspects for NR Positioning Support | CATT | endorsed | WID revised | NR\_pos-UEConTest | Rel-16 |

## Annex E: List of draft Technical Specifications and Reports

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Spec | vers | Doc title |
| R5-215262 | 38.918 | 0.2.0 | draft TR 38.918 v0.2.0 |

## Annex F: List of action items

## SIG:

## Action Points at RAN5#92-e

| Action ID | sWG | Action | Responsible | Relevant Tdoc | Deadline | Status |
| --- | --- | --- | --- | --- | --- | --- |
| AP#92.01 | SIG | Review and streamline appropriate PICS for IMS Emergency Call & eCall capability covering LTE, NR & IMS test specs | TF160, R&S, Qualcomm, MediaTek | R5-215727  R5-215717  R5-216330 | RAN5#93 | Pending |

## Action Points at RAN5#91-e

| Action ID | sWG | Action | Responsible | Relevant Tdoc | Deadline | Status |
| --- | --- | --- | --- | --- | --- | --- |
| AP#91.01 | SIG | Analyse and update TCs based on the proposed solution to fully define the cell configuration to overcome the limitation due to lack of FR1/E-UTRA calibration in an OTA environment involving FR1/FR2/E-UTRA cells | Anritsu, 5G system with NR and LTE WI Sub Rapporteurs Protocol – Idle Mode; RRC; EPC Option 3; 5GC; Multilayer, Keysight, TF160 | R5-213259 | RAN5#93 | Pending  R5-21619 |
| AP#91.02 | SIG | Update TS 36.508 4.5A.5 generic procedure to skip authentication procedures | Qualcomm, TF160 | R5-213131 | RAN5#92 | Closed  R5-214623 |

## RF:

## Action Points at RAN5#92-e

| **Action ID** | **sWG** | **Action** | **Responsible** | **Relevant Tdoc** | **Deadline** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| AP#92e.21 | RF | Provide a list of Tests impacted by applicability for different NS values  Update TS38.522 to handle NS values applicability | CMCC, Qualcomm, Huawei, E/// | R5-215565, R5-215566 | RAN5#93e | Open |

## Action Points at RAN5#91-e

| **Action ID** | **sWG** | **Action** | **Responsible** | **Relevant Tdoc** | **Deadline** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| AP#91e.22 | RF | Bring clarification CRs to address following FR2 UL CA Tx config issues:  -- Add “*Retrieve the LO position…”* step to test procedures if missing.  --Clarify *DL CC configurations for UL CA test config table.*  FR2\_UL\_CA\_Tx | Qualcomm, Huawei, Anritsu, R&S, KEYS, Nokia, Ericsson | R5-212813r1  R5-215263  R5-215272 | RAN5#93e | Open  --DL CC config action is pending  --Retrieve LO position action closed |
| AP#91e.23 | RF | Investigate improvement of UE ON power and power tolerance in FR1 time mask test cases including TE dynamic range and noise impact.  FR1\_Time\_Mask | E///, R&S, China Unicom, KS, Oppo | R5-213090, R5-213091  R5-214323 | RAN5#92e | Closed |

## Action Points at RAN5#90-e

| **Action ID** | **sWG** | **Action** | **Responsible** | **Relevant Tdoc** | **Deadline** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| AP#90e.21 | RF | Group To provide feedback on which antenna aperture declaration to incorporate in TS38.508-2 for DFF methodology:  --- Option 1: UE vendor declares the exact maximum radiation aperture of any of the panels integrated in the UE  --- Option 2: UE vendor declares whether the maximum radiation aperture of any of the panels integrated in the UE is ≤5cm or not  -propose any other option  Antenna\_Aperture\_DFF | Anritsu, Apple, Huawei, KEYS | R5-210839  R5-211194  R5-212957  R5-212959  R5-213249/50  R5-215581  R5-215580 | RAN5#92e | Closed |
| AP#90e.22 | RF | Provide FR1 test procedure update to include P-max configuration ensuring UE transmit at FR1 UL CA status for following FR1 UL CA test cases: MOP, MPR, configured output power, OBW, out of band emission, Spurious emission for UL CA  FR1\_PCC\_SCC\_Prio | Huawei, Oppo, Qualcomm, E///, Apple, VzW | R5-210420  R5-212180  R5-212190  R5-212191  R5-212192  R5-212193  R5-212194  R5-212919  R5-215226  R5-215225 | RAN5#92e | Closed |
| AP#90e.23 | RF | Propose FR2 test procedure update to ensure UE transmit at FR2 UL CA status for UL CA FR2 test cases  FR2\_PCC\_SCC\_Prio | Qualcomm, Oppo, VzW, E///, Anritsu, Apple, Huawei, R&S | R5-211227  R5-212812  R5-212840  R5-213347/8  R5-212919  R5-212963  R5-213092  R5-213323  R5-213324  R5-215632 | RAN5#93e | Open |

## Action Points at RAN5#89-e

| **Action ID** | **sWG** | **Action** | **Responsible** | **Relevant Tdoc** | **Deadline** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| AP#89e.23 | RF | Provide input on acceptable clipping frequency due to fading and/or acceptable fading crest factor margin for FR2 Demod performance and CSI test cases Provide input on the impact to TxEVM (and consequently SNR) for higher probabability of saturation of faded signal  FR2\_Demod\_MU | Qualcomm, Anritsu, Keysight, E///, R&S | R5-206168, R5-205702  R5-211083  R5-212961  R5-213335  R5-212030/31/32  R5-215661, R5-214204, R5-214852, R5-214202/3 | RAN5#93e | Open |
| AP#89e.24 | RF | On/Off time mask MU/ requirement relaxation open items  a) Achievable power window PW for FR2 relative power control.  b) Wherther there will be a degradation of TE noise floor if the maximum UE power can be as high as 22.4 + 2\*PW in the test.  c) What is the maximum allowed UE ON power which will not degrade the current specified TE noise floor for OFF power measurement. Assess if this ON power is high enough to identify failing transient periods as shown in section 2.6.  Tx\_On\_Off\_MU | KS, R&S, Anritsu, E///, Huawei, OPPO. | R5-205991r2  R5-211105  R5-211268  R5-212626  R5-212627  R5-212628  R5-213312  R5-215325  R5-215324  R5-215480 | RAN5#93e | Open |

## Action Points at RAN5#88-e

| **Action ID** | **sWG** | **Action** | **Responsible** | | **Relevant Tdoc** | **Deadline** | **Status** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AP#88e.21 | RF | For FR2 absolute power control test cases analyze to determine if we can test both upper and lower limits with a very large span when the aggregated BW is smaller than or equal to 400 MHz.  FR2\_Abs\_Power\_MU | Ericsson, Anritsu, Keysight, R&S, Huawei | R5-204022  R5-212622  R5-212623  R5-212624  R5-212625  R5-215322  R5-215321 | | RAN5#92e | Closed |

## Action Points at RAN5#87-e

| **Action ID** | **sWG** | **Action** | **Responsible** | **Relevant Tdoc** | **Deadline** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| AP#87e.21 | RF | Review the existing test point analysis of NR (FR1, FR2) RF tests for optimization  RF\_TP\_Optimization | DCM, Ericsson, Huawei, Qualcomm, Oppo, DISH, China Unicom, TMO, CAICT, CMCC, Sporton | R5-201818  R5-202375  R5-204136 | RAN5#93e | Open |
| AP#87e.24 | RF | OEM vendors and operators to provide data on max antenna separation distances and device size for NR FR2 devices that can currently not be tested with the largest QZ size of 30cm in diameter  FR2\_MaxAntSeperation | OEMs and Operators | R5-202082  R5-202083  R5-202084  R5-202085  R5-198262  R5-204191  R5-204200  R5-205713  R5-206068  R5-210617  R5-213245  R5-213193 | RAN5#91e | Closed |

## Action Points at RAN5#84 Ljubljana

| **Action ID** | **sWG** | **Action** | **Responsible** | **Relevant Tdoc** | **Deadline** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| AP#84.21 | RF | Alignment of MPR/ACLR/SEM test points for NR and come with a combined TP analysis (separate analysis required for FR1, FR2 and Interworking) to TR38.905, and associated CRs  MPR\_ACLR\_SEM\_TP\_combining | Ericsson, KEYS, CAICT | R5-197586  R5-201930  R5-201936/7  R5-201931  R5-201946  R5-201947/8  R5-201786  R5-201919  R5-205572  R5-210546  R5-210547 | RAN5#93e | Open  FR1 intraband contigous config is open, rest FR1 configs are closed  FR2- closed |

## Annex G: List of decisions

|  |  |  |  |
| --- | --- | --- | --- |
| Meeting/Number | Agenda item | Document | Details |

## Annex H: List of participants

165 delegates and officials attended electronically the RAN5#92-e meeting from remote

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TITLE | Family Name | Given Name | Mobile Phone | Email | Organization Represented |
| Mr. | Akao | Takashi | 81 46 840 3100 | takashi.akao.wa@nttdocomo.com | DOCOMO Communications Lab. |
| Mrs. | AN | xiaojing |  | anxj@chinatelecom.cn | China Telecommunications |
| Mr. | Arroyo Narvaez | Carlos |  | carlos.arroyonarvaez@adare.de | adare GmbH |
| Mr. | Baba | Hiroyuki | + | hiroyuki.baba@anritsu.com | Anritsu Corporation |
| Mr. | Balasubramanian | Vijay | 18 583 374 807 | vijayb@qti.qualcomm.com | Qualcomm Korea |
| Ms. | Bardaux | Virginie |  | virginie.bardaux\_tf160@vbtelecom.fr | ANRITSU LTD |
| Miss | Basurto | Estrella |  | estrella.basurto@nemergent-solutions.com | NEMERGENT |
| Mr. | Bergner | Jörg | +49 (0)2054 9519 215 | joerg.bergner@cetecom.com | CETECOM GmbH |
| Mr. | Bernard | Jean-Yves | -10128 | jeanyves.bernard@rci.rogers.com | Rogers Communications Canada |
| Mrs. | Bestelmeyer | Waltraud | 4,99242E+11 | bestelmeyer-consulting@best-test.eu | ETSI |
| Mr. | Bhise | Parikshit | 1252666200 | parikshit.bhise@rohde-schwarz.com | ROHDE & SCHWARZ |
| Mr. | Biswas | Sudipto |  | sudipto.biswas@motorolasolutions.com | Motorola Solutions Poland |
| Mr. | Booth | Ryan |  | ryan\_booth@apple.com | Apple (UK) Limited |
| Mr. | Borsato | Ronald |  | rb354e@att.com | AT&T |
| Mrs. | Buis | Marija | ############# | marija.buis@adare.de | adare GmbH |
| Mr. | Cardalda Garcia | Adrian | + | adrian.cardalda-garcia@rohde-schwarz.com | ROHDE & SCHWARZ |
| Mr. | Catmur | Richard | +33 9 65 04 44 36 | richard.catmur@spirent.com | Spirent Communications |
| Mr. | Chander | Sharat | +1 (312) 364-6189 | sc1303@att.com | AT&T GNS Belgium SPRL |
| Mr. | Chen | Wenhong | + | chenwenhong@oppo.com | Beijing OPPO Com. corp., ltd |
| Dr. | Chen | Xiang (Steven) |  | steven.x.chen@apple.com | Apple (UK) Limited |
| Mr. | Chen | Xiaozhong |  | chenxiaozhong@catt.cn | CATT |
| Mr. | Cheng | Ivan |  | IvanCheng@sporton.com.tw | Sporton International Inc |
| Mr. | Cheruvu | Bharadwaj Kumar | 9,14068E+11 | bcheruvu@qti.qualcomm.com | Qualcomm communications-France |
| Mr. | Chhibber | Sachin |  | sachin@ligado.com | Ligado Networks |
| Mr. | Choksi | Ojas |  | Ojas.choksi@ligado.com | Ligado Networks |
| Mr. | Chouhan | Mukesh |  | mukesh.chouhan@mediatek.com | Mediatek India Technology Pvt. |
| Mr. | Chu | Jeremy | 61488117430 | jeremy.chu@team.telstra.com | Telstra Corporation Limited |
| Mr. | Chung | Standy |  | standychung@google.com | Google Inc. |
| Mr. | Coston | Steven G. | 14 102 906 652 | steve.coston@pctest.com | PCTEST Engineering Lab |
| Mr. | Cui | Shengjiang | + | cuishengjiang@oppo.com | Beijing OPPO Com. corp., ltd |
| Mr. | Das | Rabindranath | 9,19831E+11 | rabindranath.das@motorolasolutions.com | Motorola Solutions Poland |
| Ms. | DeLoach | Juanita |  | jdeloach@scc1.org | ZTE Corporation |
| Mr. | Dhuppad | Taran |  | tdhuppad@qti.qualcomm.com | Qualcomm Finland RFFE Oy |
| Ms. | Dong | Wenjia |  | dongwenjia@chinamobile.com | China Mobile E-Commerce Co. |
| Mr. | Dutta | Pranab |  | Pranab.dutta1@TechMahindra.com | Tech Mahindra Limited |
| Mr. | Edwards | Robert | + | rob.edwards@matrixx.com | Matrixx |
| Mr. | Farooq | Mohammad | 1-503-926-4245 | mohammad\_farooq@apple.com | Apple Italia S.R.L. |
| Miss | Fernandez Martos | Flores | 34951510037 | flores\_fernandez@keysight.com | Keysight Technologies UK Ltd |
| Mr. | Fortes Lopez | Jose M. |  | Jose.Fortes@rohde-schwarz.com | ROHDE & SCHWARZ |
| Mr. | fu | danbo |  | Danbo.Fu@mediatek.com | MediaTek Inc. |
| Mr. | Fuqua | Joseph |  | jfuqua@scc1.org | ZTE Corporation |
| Ms. | GAO | JIN |  | gaoj8@chinatelecom.cn | China Telecommunications |
| Mrs. | GAO | Ting | -62304414 | gaoting@starpointcomm.com | Starpoint |
| Mr. | Genoud | Olivier | +33 4 92 94 43 98 | olivier.genoud@etsi.org | ETSI |
| Mr. | Ghosh | Dhiman |  | dhiman.ghosh@motorolasolutions.com | Motorola Solutions Poland |
| Mr. | Gowda | Pradeep | -6118 | pgowda@qti.qualcomm.com | Qualcomm Incorporated |
| Mr. | Grant | Marc | 15 124 831 190 | marc.grant@att.com | AT&T GNS Belgium SPRL |
| Ms. | Gu | Chunying | +( 86)02138902183 | guchunying@huawei.com | Huawei Technologies Sweden AB |
| Mr. | Habib | Mursalin | 9199860936 | mhabib@qti.qualcomm.com | Qualcomm CDMA Technologies |
| Mr. | Hagenfeldt | Calle | 46 730 915 794 | calle.hagenfeldt@ericsson.com | Ericsson Inc. |
| Ms. | Han | Aitong |  | hanaitong@chinamobile.com | China Mobile M2M Company Ltd. |
| Miss | Hao | Yuxin |  | haoyuxin@hisilicon.com | Huawei Telecommunication India |
| Mr. | Heino | Aleksi | 3,58406E+11 | aleksi.heino@wecertification.com | WE Certification Oy |
| Dr. | Hertel | Thorsten | +1(408) 553-5914 | thorsten.hertel@keysight.com | Keysight Technologies UK Ltd |
| Mr. | Hsieh | Reclouds |  | reclouds.hsieh@dekra.com | DEKRA |
| Mr. | Hsueh | Bruce |  | bruce.hsueh@intertek.com | Intertek |
| Miss | Huang | Dinhwa |  | Althea.Huang@mediatek.com | MediaTek (Shenzhen) Inc. |
| Mr. | HUANG | JUN | 8,61376E+12 | huangjun@caict.ac.cn | SAICT |
| Dr. | Johansson | Mats | +46 10 714 7566 | mats.e.johansson@ericsson.com | Nanjing Ericsson Panda Com Ltd |
| Mr. | John | Jacob |  | Jacob.John@motorola.com | Motorola Mobility UK Ltd. |
| Mr. | Jönsson | Bo | 46107155105 | bo.jonsson@ericsson.com | Ericsson Limited |
| Mr. | Kahn | Jason | 13034973677 | jason.kahn@nist.gov | NIST |
| Mr. | Kalahasti | Narendra | 4,4785E+11 | narendra.kalahasti@anritsu.com | ANRITSU LTD |
| Mr. | Kanchan | Mohit | 441 252 688 428 | mohit.kanchan@keysight.com | Keysight Technologies UK Ltd |
| Mr. | Kangas | Matti |  | matti.kangas@nokia.com | Nokia Corporation |
| Mr. | Karlsson | Petter | 46702608096 | petter.karlsson@ericsson.com | Ericsson España S.A. |
| Mr. | Kawakami | Katsuji | 81367103171 | katsuji.kawakami@sony.com | Sony Corporation |
| Dr. | Khanfir | Hajer | +33 6 73 33 09 65 | hajer.khanfir@orange.com | Orange |
| Mr. | Kolodziej | Jakub | 46107168952 | jakub.kolodziej@ericsson.com | Ericsson-LG Co., LTD |
| Ms. | KONG | LUTING |  | kongluting@chinamobile.com | China Mobile (Hangzhou) Inf. |
| Mr. | Kum | Donghyun | +82 2 736 0384 | kdh0313@tta.or.kr | TTA |
| Mr. | Kumar | Pankaj |  | pankaj.kumar5@mavenir.com | Mavenir |
| Mr. | Kuo | Chun-ming | ############# | cm.kuo@mediatek.com | MediaTek Inc. |
| Mr. | Kuusisto | Jussi | 3,58505E+11 | jussi\_kuusisto@outlook.com | Dish Network |
| Mr. | Kwak | Phil | +82 31 500 0143 | pkkwak@ktl.re.kr | Korea Testing Laboratory |
| Mr. | Lai | Kenny |  | kenny.lai@sgs.com | SGS Wireless |
| Mr. | Lee | CG | -2418 | leecg@ttp.org | MTCC |
| Mr. | Lewis | Joseph | 12024086912 | jlewis@scc1.org | ZTE Corporation |
| Mr. | Li | Bozhi |  | bozhi.li@samsung.com | Samsung Research America |
| Ms. | Liang | Erica |  | eliang@scc1.org | ZTE Corporation |
| Dr. | Liberal | Fidel | +34 94 601 41 29 | fidel.liberal@ehu.eus | UPV/EHU |
| Mr. | Liu | Bing | 441 256 865 300 | leo.liubing@huawei.com | Huawei Device Co., Ltd |
| Dr. | Ma | Jinwen |  | jinwen.ma@verizonwireless.com | Verizon Switzerland AG |
| Mr. | Ma | Wei | -52874581 | ma.wei4@zte.com.cn | ZTE Corporation |
| Dr. | Ma | Zhifeng | -68895708 | ma.zhifeng@zte.com.cn | ZXNE |
| Mr. | Matsuyoshi | Taiki | -14775 | ta-matsuyoshi@kddi.com | KDDI Corporation |
| Mr. | Mattisson | Leif | +46 10 715 4905 | leif.mattisson@ericsson.com | Oy LM Ericsson AB |
| Ms. | McCarthy | Christine | 703-869-1598 | cmccarthy@scc1.org | ZTE Corporation |
| Mr. | Mendivil | Edwin | 5125312686 | Edwin.Mendivil@ETS-lindgren.com | ETS-Lindgren Europe |
| Dr. | Menzel | Edwin | +49 89 4129 15071 | edwin.menzel@rohde-schwarz.com | ROHDE & SCHWARZ |
| Mr. | Mohammed | Abdul Rasheed | 919 849 791 757 | A17043@motorola.com | Motorola Mobility UK Ltd. |
| Mr. | Mohan | Ashwin |  | ashwin\_mohan@apple.com | Apple Portugal |
| Mr. | Nakatogawa | Tsuyoshi |  | nakatogawa.t-iq@nhk.or.jp | NHK |
| Mr. | O'Leary | Edward | +1 416 230-0982 | ed.oleary@rci.rogers.com | Rogers Communications Canada |
| Ms. | Panchapakesan | Padma |  | PP00345770@Techmahindra.com | Tech Mahindra Limited |
| Dr. | Parikh | Hemish | -7407 | hparikh@qti.qualcomm.com | Qualcomm Wireless GmbH |
| Mr. | Park | Chanmin | -4813 | chanmin.park@kt.com | KT Corp. |
| Mr. | Petrovic | Niels | +49 89 4129 14083 | niels.petrovic@rohde-schwarz.com | ROHDE & SCHWARZ |
| Dr. | Pittampalli | Eshwar | 12025733759 | eshwar.pittampalli@firstnet.gov | FirstNet |
| Mr. | Polaki | Kiran |  | k.polaki@samsung.com | Samsung R&D Institute UK |
| Mr. | Probasco | Scott | 14 699 399 378 | scott.probasco@t-mobile.com | T-Mobile USA |
| Dr. | Ramamurthi | Vishwanath |  | vishwanath.ramamurthi@verizonwireless.com | Verizon Sweden |
| Mrs. | Rauer | Petra | 492 115 333 345 | petra.rauer@vodafone.com | Vodafone GmbH |
| Mr. | Rohnert | Hans | +49 89 4129 15264 | hans.rohnert@rohde-schwarz.com | ROHDE & SCHWARZ |
| Mr. | Ruiz | Emilio | 34951510128 | emilio\_ruiz@keysight.com | Keysight Technologies UK Ltd |
| Miss | Rutkowski | Kimberly |  | Kim.Rutkowski@MVG-US.COM | MVG Industries |
| Mr. | Saha | Anindya | 9,19341E+11 | anindya@saankhyalabs.com | Saankhya Labs |
| Ms. | Salmeron | Lidia | 447 763 810 845 | lidia.salmeron@teleplus.org.uk | ETSI |
| Mrs. | Saunders | Hellen | 441 252 775 200 | hellen.saunders@non.keysight.com | Keysight Technologies UK Ltd |
| Mr. | Säynäjäkangas | Tuomo |  | tuomo.saynajakangas@nokia.com | Nokia Germany |
| Mr. | Scannavini | Alessandro | 393 463 603 539 | alessandro.scannavini@mvg-world.com | MVG Industries |
| Mr. | Seka | Wolfgang | 499 131 828 830 | wolfgang.seka@nefkom.net | ANRITSU LTD |
| Mr. | Setsu | Masafumi |  | Masafumi.Setsu@anritsu.com | Anritsu Corporation |
| Miss | Shi | Yu | 8,6186E+12 | shiyu19@chinaunicom.cn | China Unicom |
| Dr. | SHI | Zhihua | + | szh@oppo.com | Beijing OPPO Com. corp., ltd |
| Mr. | Sigovich | Ingbert | +33 4 92 94 43 24 | ingbert.sigovich@etsi.org | ETSI |
| Mr. | Simcox | Steve | 2148469372 | ssimcox@scc1.org | ZTE Corporation |
| Mr. | Sinsathitchai | Wisuit | 14 089 961 010 | wsinsathitchai@apple.com | Apple Europe Limited |
| Mr. | Skousen | Derek | 17703782074 | derek.skousen@bluetest.se | Bluetest AB |
| Ms. | Sokondar | Eniko | 4,41955E+11 | eniko.sokondar@mediatek.com | MediaTek Korea Inc. |
| Dr. | Song | Dan |  | songdan@chinamobile.com | China Mobile Com. Corporation |
| Miss | Song | Huayue |  | hy.song@tta.or.kr | TTA |
| Dr. | Song | Xiaoxiong | -13426006188 | songxiaoxiong@chinamobile.com | China Mobile (Suzhou) Software |
| Miss | Sun | Huifang |  | sunhf50@chinaunicom.cn | China Unicom |
| Dr. | Szini | Istvan | 8472084531 | Istvan@apple.com | Apple Gesellschaft m.b.H. |
| Mr. | Takano | Masahiro | 8023310742 | masahiro.takano.ru@nttdocomo.com | NTT corporation |
| Mr. | Tamaoki | Masahiro | 81468403530 | masahiro.tamaoki.eu@nttdocomo.com | NTT DOCOMO INC. |
| Miss | Tao | Amy | 88632641985 | amy.tao@bureauveritas.com | Bureau Veritas |
| Mr. | Thiruvathirai | Ramakrishnan | 4,41253E+11 | Ramakrishnan.Thiruvathirai@rohde-schwarz.com | ROHDE & SCHWARZ |
| Miss | Tian | Xiaoyang | ############# | tianxiaoyang@catt.cn | CICT |
| Mr. | Tseng | Eric |  | eric.tseng@mediatek.com | MediaTek Inc. |
| Mr. | tugnawat | yogesh | 17853170074 | yogesht@qti.qualcomm.com | QUALCOMM JAPAN LLC. |
| Mr. | Ubicini | Massimiliano | 3,90112E+11 | massimiliano.ubicini@telecomitalia.it | TELECOM ITALIA S.p.A. |
| Mr. | Vora | Mayur | -30169371 | mvora@qti.qualcomm.com | Qualcomm Incorporated |
| Mr. | Wang | Kevin | -7121 | kevinw@qti.qualcomm.com | Qualcomm Austria RFFE GmbH |
| Ms. | wang | xiaoxia |  | wangxx507@chinaunicom.cn | China Unicom |
| Mr. | Wang | Xuelong | +86 10 5690 0888 | xuelong.wang@mediatek.com | MediaTek (Wuhan) Inc. |
| Dr. | Wang | Xuesong |  | cedar.wang@hisilicon.com | HUAWEI Technologies Japan K.K. |
| Mr. | Wu | Jingzhou |  | wujingzhou@chinatelecom.cn | China Telecomunication Corp. |
| Mr. | Wu | Yuchun | -13681002694 | wuyuchun@huawei.com | HiSilicon Technologies Co. Ltd |
| Miss | Wu | Zuomin |  | wuzuomin@oppo.com | Orope Germany GmbH |
| Mr. | Xiao | Jianfei | 86-13810026130 | jianfei.xiao@mediatek.com | MediaTek Beijing Inc. |
| Dr. | Xiao | Weimin | 847-802-0041 | wxiao@futurewei.com | Futurewei Technologies |
| Mr. | Xiong | Zengxin | -18621958134 | xiongzengxin@3in.org | 3in |
| Mr. | Yamanaka | Go |  | gou.yamanaka.md@nttdocomo.com | NTT DOCOMO INC. |
| Mr. | Yang | Hendry | -2900 | hendry@sporton.com.tw | Sporton International Inc |
| Ms. | yang | zhaobing |  | yangzhaobing@hisilicon.com | Huawei Tech.(UK) Co.. Ltd |
| Miss | Yingjia | Li | ############# | liyingjia@chinamobile.com | China Mobile Group Device Co. |
| Dr. | Yu | Tsang-wei | 88635670766 | Ato.Yu@mediatek.com | MediaTek (Chengdu) Inc. |
| Mr. | Zhan | Wenhao |  | zhanwenhao@oppo.com | Guangdong OPPO Mobile Telecom. |
| Miss | Zhang | Huiying | +86 10 62305566-2029 | zhanghuiying@catt.cn | CATT |
| Mr. | ZHANG | Shichang | 8,61581E+12 | shichangzhang@oppo.com | Chengdu OPPO Mobile Com. corp. |
| Miss | Zhang | Xiaofei |  | xiaofei.zhang@sjtu.edu.cn | Shanghai Jiao Tong University |
| Miss | Zhang | Yaping | -13951763021 | zhangyaping13@huawei.com | HuaWei Technologies Co., Ltd |
| Miss | Zhang | Yi | + | zhangy@oppo.com | Orope Germany GmbH |
| Ms. | Zhang | Yufeng | + | zhangyufeng@caict.ac.cn | CAICT |
| Miss | Zhang | Zhijiao | + | cetc5gsys@50.sh.cn | CENC |
| Ms. | ZHAO | JING |  | zhaoj16@chinatelecom.cn | China Telecommunications |
| Mr. | Zhao | Luyang | + | zhaoluyang@chinamobile.com | China Mobile International Ltd |
| Mr. | Zhao | Zheng | 19085597338 | zheng.zhao@verizon.com | Verizon Denmark |
| Mr. | Zhou | Daiwei | 86-10-56900888 | daiwei.zhou@mediatek.com | MediaTek (Hefei) Inc. |
| Mr. | Zhou | Xutao | -84439701 | xutao.zhou@samsung.com | Samsung Electronics Co., Ltd |
| Miss | Zhu | Ziyuan |  | zhuzy50@chinaunicom.cn | China Unicom |
| Mr. | Ziren | Mikael | +33 1 6993 7000 | mikael.ziren@ericsson.com | Ericsson France S.A.S |
| Mr. | Zuo | Zhisong | 13316980123 | zuozhisong@oppo.com | Shenzhen YZF Network Technolog |

## Annex I: List of future meetings

