**3GPP TSG WG RAN5 Meeting #94-e draft R5-220020**

**Electronic Meeting**

**21st February – 4th March 2022**



**Draft Report from the RAN WG5#94-e Meeting**

Electronic Meeting

21st February – 4th March 2022

v 1.0

**Chairman: Jacob John, Motorola Mobility**

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

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RF session Secretary: Amy Tao, Bureau Veritas

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## 1 Opening of the meeting

**R5-220000 Agenda - opening session**

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

**Discussion:**

RAN5#94-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 **revised to R5-221376**.

**R5-220001 RAN5#94-e E-Meeting Timelines, Scope, Process**

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

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

**R5-221376 Agenda - opening session**

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

(Replaces R5-220000)

**Discussion:**

sub AIs added:

5.3.29.5 TS 38.508-2

6.3.10.9 TS 37.571-4

**Decision:** The document was **revised to R5-221415**.

**R5-221415 Agenda - opening session**

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

(Replaces R5-221376)

**Discussion:**

sub AI added: 6.6.6.6 TS 34.229-5

late i/c LS R1-2202769 will be handled at the next meeting RAN5#95-e.

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

## 2 Reports

### 2.1 Live Reports

**R5-220002 RAN5 Leadership Team**

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

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

**R5-220003 RAN5#93-e WG Minutes**

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

**Discussion:**

TF160 manager: R5-217790 TF160 discussion paper on Streamlining PICS for IMS emergency capabilities: the comments from the meeting\_handling sheet should be added.

**Decision:** The document was **revised to R5-221374**.

**R5-220004 RAN5#93-e WG Action Points**

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

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

**R5-220005 Latest RAN Plenary notes**

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

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

**R5-220006 Latest RAN Plenary draft Report**

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

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

**R5-220007 Post Plenary Active Work Item update**

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

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

**R5-220450 MCC TF160 Status Report**

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

**Abstract:**

Completed:

5GS Rel-16: 5G to 3G SRVCC

IMS over NR/5GC: Call Control

Mission Critical:MCPTT client configuration

Started:

IMS over NR/5GC: IMS emergency

Progressed:

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

5GS Rel-16: NR RACS, NR SON/MDT, NR mobility enhancements, NR private networks, NR UE power saving, Network slicing enhancements

IMS over NR/5GC: Supplementary services

POS: Rel-16 NR positioning

Mission Critical: MCPTT on-network group/private call, MCPTT on-network location

Summary & open issues from   
TTCN Workshop #56 (3rd Feb’2):

Test Models – 5G:

NR RRC connection re-establishment procedure: endorsed TTCN test sequence updates.

NR ASPs: discussed updates to control the NDI toggle in NR DCIs and the MacBearerRouting field.

Multi-DNNs: endorsed adding new IP PIXITs required for supporting new 5G slices/DNNs.

NE-DC: endorsed new test models for NE-DC L3 and NE-DC L2 (PDCP).

5G V2X: endorsed updated test model & ASPs.

NR URLLC: discussed NR ASPs updates to support NR DCIs x\_2.

NR SON/MDT: endorsed new test model for NR/WLAN Inter-RAT.

NR UE power saving: endorsed NR ASP updates to support NR DCI 2\_6.

Prose CRs to TS 38.523-3 proposed at RAN5#94-e for the above.

Test Models – POS:

Rel-16 NR positioning: endorsed NR ASP updates for Multi-RTT (UL SRS).

5G V2X: endorsed addition of GNSS test model for NR sidelink.

Prose CRs to TS 37.571-4 proposed at RAN5#94-e for the above.

Test Models – MCX:

MCData:

endorsed HTTP & SDP ASP updates.

endorsed test model updates and new ASPs for MSRP (RFC 4975).

endorsed dedicated EPS Bearer configuration updates.

MCVideo:

endorsed new ASPs for transmission control protocol.

endorsed dedicated EPS Bearer configuration updates.

Prose CR to TS 36.508, 36.579-5 proposed at RAN5#94-e for the above.

Status of TTCN funding in 2022:

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

PCG#47/OP#46 approved the 3GPP funding of 58 mm for 2022 TTCN tasks.

CTIA/PTCRB and GCF have agreed to continue TF160 financial support in 2022.

3GPP companies / 3GPP MRPs committed to provide 17 mm as voluntary contributions for 2022 TTCN development.

Total resources of 101 mm > no estimated funding gap.

TTCN baseline and deliveries   
– 2022 schedul:

One TTCN-2 full deliveries (FDD & LCR TDD) and five TTCN-3 full deliveries / year.

Q2/Q3/Q4 dates tentative: dependent on RAN/RAN5 meetings being physical or electronic (TBC).

Type definitions baseline upgrade to 3GPP Release 17 required in 2022:

Rel-17 Stage3 freeze scheduled by 3GPP in March 2022.

Rel-17 ASN.1 freeze scheduled by 3GPP in June 2022.

**Decision:** The document was **revised to R5-221378**.

### 2.2 General Reports for information

**R5-220008 RAN5 SR to RP#94-e**

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

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

**R5-220009 TF160 SR to RP#94-e**

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

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

## 3 Incoming Liaison Statements

**R5-220015 Non-Support of Ciphering Algorithm GEA1**

*Type: LS in For: Information  
 Original outgoing LS: S-21-245r2\_LS to 3GPP SA3 on nonsupport of GEA1, to TSG WG SA3, cc TSG WG RAN5, PTCRB, PVG  
 Source: GCF SG*

**Abstract:**

GCF has implemented relevant certification criteria to ensure that Mobile Stations do not support GEA1 if they are REL-11 and higher. GCF has also implemented transparency in their Certification Declaration to indicate which of the UEs of REL-10 and earlier do support GEA1.

Unfortunately, there are still quite a number of UE certifications which indicate implementation of GEA1.

GCF understands that making use of the compromised ciphering algorithms in Mobile Stations is diluting the integrity of the 3GPP radio technologies, being known as very secure all over the world, and GCF would like to support 3GPP in abandoning such security leaks. However, GCF cannot apply stronger certification criteria than outlined in the related 3GPP standards. In order to fully abandon use of insecure ciphering algorithms, GCF would like to request 3GPP SA WG3 to explicitly prohibit support of GEA1 in all releases of TS 43.020.

GCF also recommends 3GPP SA WG3 to consider phasing out of GEA2 in a similar way.

GCF will then adapt their certification criteria accordingly.

Actions: 3GPP is kindly asked to discuss above mentioned recommendations and feed back to GCF.

**Discussion:**

RAN5 actions will follow SA3 updates.

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

**R5-220016 Defining test cases for E2E verification of Edge Application Server Discovery**

*Type: LS in For: Information  
 Original outgoing LS: S2-2109255, to TSG WG RAN5, cc -  
 Source: TSG WG SA2*

**Abstract:**

SA2 has defined Edge Application server discovery using DNS procedures as part of the Rel-17 eEdge\_5GC Work Item.

TS 23.548 clause 6.2.3.2.2 provides the call flow for the EAS discovery procedure using EASDF (Edge Application Server Discovery Function). To ensure the procedure is successfully executed, UE sends DNS query to the EASDF IP Address that is configured as the DNS resolver for that PDU Session. The Edge DNS Client in the UE ensures that DNS queries are sent to the EASDF. The attached CR is introducing EDC functionality in TS 23.548.

SA2 has discussed and agreed that based on the call flow in TS 23.548 the testcase needs to verify that the DNS query is sent to the EASDF and that the application has received the response from the EASDF.

Actions: SA2 requests RAN5 to kindly take the above requirement into consideration for defining the EAS discovery test case.

**Discussion:**

Deferred. Waiting for clarifications from Apple for SA2 and CT1 from Huawei.

Noted in the midweek joint.

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

**R5-220017 LS on Energy Efficiency as guiding principle for new solutions**

*Type: LS in For: Information  
 Original outgoing LS: SP-211621, to TSG RAN, TSG CT, TSG SA WG1, TSG SA WG2, TSG SA WG3, TSG SA WG4, TSG SA WG5, TSG SA WG6, TSG RAN WG1, TSG RAN WG2, TSG RAN WG3, TSG RAN WG4, TSG RAN WG5, TSG CT WG1, TSG CT WG3, TSG CT WG4, TSG CT WG6, cc -  
 Source: TSG SA*

**Abstract:**

3GPP has addressed the topic of EE (Energy Efficiency) for several 3GPP releases. For instance, TSG SA has undertaken studies at TSG SA level and in some of its WGs. Similarly, TSG RAN has addressed the topic quite extensively in various studies and is also soon engaging in additional work on the subject in Rel-18.

The EE-specific efforts so far undertaken e.g., in SA5 have aimed mostly at improving the energy efficiency by impacting the operations of the system. As we now are starting to specify the 5G-Advanced features, TSG SA kindly requests the recipient WGs and TSGs to consider EE even more as a guiding principle when developing new solutions and evolving the 3GPP systems specification, in addition to the other established principles of 3GPP system design.

TSG SA clarifies that in addition to EE, other system level criteria shall continue to be met (i.e. the energy efficiency aspects of a solution defined in 3GPP is not to be interpreted to take priority or to be alternative to security, privacy, complexity etc. and to meeting the requirements and performance targets of the specific feature(s) the solution addresses).

This guiding principle complements the continued importance of work specifically dedicated to Energy efficiency (e.g., work aiming at improving the energy efficiency by impacting the operations of the system, as for instance work in [1],[2],[3],[4]).

ACTION: 3GPP SA kindly requests to take the above principles into consideration.

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

**R5-220019 Reply LS on energy efficiency as guiding principle for new solutions**

*Type: LS in For: Information  
 Original outgoing LS: S5-221501, to TSG SA, cc TSG RAN, TSG CT, TSG SA WG1, TSG SA WG2, TSG SA WG3, TSG SA WG4, TSG SA WG6, TSG RAN WG1, TSG RAN WG2, TSG RAN WG3, TSG RAN WG4, TSG RAN WG5, TSG CT WG1, TSG CT WG3, TSG CT WG4, TSG CT WG6  
 Source: TSG WG SA5*

**Abstract:**

3GPP SA5 would like to thank TSG SA for your LS on energy efficiency as guiding principle for new solutions.

3GPP SA5 would also like to inform TSG SA that we will initiate our Release 18 work on energy efficiency and energy saving in 5G networks at SA5#142e. In relation to your LS on Energy Efficiency as guiding principle for new solutions, amongst many objectives, our Rel-18 work on EE aims to investigate on digital sobriety applied to 3GPP SA5 OA&M solutions. Given that a) the cheapest energy is the energy which is not used and b) the energy consumed by network elements / network functions has some dependency on data or signaling volumes processed and/or transported and/or stored by the network elements / network functions, we aim to:

• study which forms digital sobriety could take in SA5, e.g. by minimizing the volume of OA&M data (number and type of operation parameters, input data to MDAF (Management Data Analytics Function), etc.) to be processed and/or transported and/or stored,

• study if any metrics can be defined so as to compare different alternative solutions with regards to digital sobriety.

Reference documents are:

o SP-211440 (New Study on new aspects of EE for 5G networks Phase 2). Available at: https://portal.3gpp.org/ngppapp/TdocList.aspx?meetingId=60223

o SP-211441 (New WID on Enhancements of EE for 5G Phase 2). Available at: https://portal.3gpp.org/ngppapp/TdocList.aspx?meetingId=60223

2. Actions:

To TSG SA, TSG RAN, TSG CT, TSG SA WG1, TSG SA WG2, TSG SA WG3, TSG SA WG4, TSG SA WG6, TSG RAN WG1, TSG RAN WG2, TSG RAN WG3, TSG RAN WG4, TSG RAN WG5, TSG CT WG1, TSG CT WG3, TSG CT WG4, TSG CT WG6: please take the above information into account.

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

**R5-220020 dummy LS3**

*Type: LS in For: Information  
 Original outgoing LS: -, to -, cc -  
 Source: ETSI Secretariat*

**Decision:** The document was **not treated**.

**R5-220021 dummy LS4**

*Type: LS in For: Information  
 Original outgoing LS: -, to -, cc -  
 Source: ETSI Secretariat*

**Decision:** The document was **not treated**.

## 4 RAN5 General Issues

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

**R5-220102 New WID on UE Conformance - Enhancement of data collection for SON and MDT in NR SA and MR-DC**

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

**Abstract:**

Self-Organising Networks (SON) and Minimization of Drive Tests (MDT) were introduced in LTE to support deployment of the system and performance optimization. Many of the standardized SON/MDT features are implemented in LTE commercial networks and have provided means for a cost-efficient handing of the networks.

The core part of WI SON/MDT support for NR was introduced in Rel-16. It uses LTE solutions as baseline and takes the NR new architectures and features into account, e.g. MR-DC, beam, inactive state, etc. In this WI, SON features Mobility Robustness Optimisation (MRO), RACH optimisation, L2 measurements and Minimization of Drive Tests (MDT) support for NR were introduced. Due to the time constrains, some of the objectives listed in the Rel-16 SON and MDT WID were considered in Rel-17.

Therefore, the core part of data collection enhancement in NR SA (standalone) and MR-DC (EN-DC, NE-DC, NR-DC) for SON/MDT are introduced in Rel-17. This WI tackles the leftover features and further enhancement of SON/MDT, including leftovers of Rel-16 WI, e.g., Successful HO reports, RACH Optimisation enhancements, MDT enhancements, MDT for MR-DC, etc, and enhancement of R16 new features enabled by data collection, e.g. 2-step RACH, mobility enhancements, etc.

The completion level of the 3GPP Rel-17 work item on enhancement of data collection for SON/MDT in NR has achieved 75% at RP#94-e (Dec-2021), and the Target Completion Date of the WI is March-2022. There is a need to introduce an associated RAN5 work item to enable UE conformance testing for enhancement of data collection for SON/MDT in NR SA (standalone) and MR-DC (EN-DC, NE-DC, NR-DC).

Objective:

Objective of SI or Core part WI or Testing part WI

The objective of this work item is to enable protocol conformance testing for enhancement of data collection for SON/MDT in NR SA (standalone) and MR-DC (EN-DC, NE-DC, NR-DC) corresponding to WID on NR\_ENDC\_SON\_MDT\_enh-Core with Unique identifier 860153.

**Discussion:**

r2

Added Ericsson and Dish and Ericsson.

**Decision:** The document was **revised to R5-221379**.

**R5-220164 New WID - UE Conformance - Enhancement of Network Slicing Phase 2**

*Type: WID new For: Endorsement  
 Source: CMCC, CATT*

**Abstract:**

The Rel-17 work item on Enhancement of Network Slicing Phase 2 in SA and CT is for the purpose of Network Slice Access Control (NSAC), including following requirements for UE.

- Restriction on the maximum number of UEs per network slice with a proper cause and a backoff timer.

- Restriction on the maximum number of PDU sessions per network slice with a proper cause and a backoff timer.

- Support of subscription-based mechanism ensuring that a UE is only allowed to be registered with compatible network slices.

The completion level of the 3GPP Rel-17 work item on Enhancement of Network Slicing Phase 2 has achieved 80% at CT#94-e (Dec-2021). There is a need to introduce an associated RAN5 work item to enable UE conformance testing for Enhancement of Network Slicing Phase 2.

Objective:

Objective of SI or Core part WI or Testing part WI

The objective of the proposed Work Item is to define UE conformance requirements corresponding to WID on Rel-17 enhancement of Network Slicing Phase2, including protocol test cases and associated test environment, test applicability, etc.

**Discussion:**

r1

AT&T asked to be added.

**Decision:** The document was **revised to R5-221380**.

**R5-220173 New WID on UE Conformance – Support of reduced capability NR devices**

*Type: WID new For: Approval  
 Source: China Unicom, Hisilicon, Ericsson, Huawei, Qualcomm*

**Abstract:**

With rapid development of 5G industry, there is an increasing industrial market demand for 5G products with low power consumption and low cost. In Rel-17, a study item Study on support of reduced capability NR devices has introduced the reduced capability NR devices at RP#86 meeting, enabling the advanced features and spectral efficiency of NR to be available for devices that do not require the full high data rate capabilities of NR. Such 5G devices include video surveillance, industrial sensors and wearable products, which will open up a broad space for 5G consumer market and facilitate the development of vertical industry. At the RP#90 meeting, the follow-up WI NR\_redcap with 2 sub-WIs Core part: NR\_redcap and Perf. part: NR\_redcap has been introduced into 3GPP, and the overall completion of the core part of NR\_redcap is already achieved 75% at the RP#94 meeting in Dec 2021. The core part of NR\_redcap WI and CT1 WI ARCH\_NR\_REDCAP are expected to be 100% completed at March 2022, and the performance WI is expected to complete at Sep 2022.

To fulfill the strong demand of low cost 5G product, it is proposed to introduce an associated RAN5 work item to enable UE conformance test for supporting of reduced capability NR devices as soon as possible.

Objective:

Objective of SI or Core part WI or Testing part WI

The objective of this WI is to propose UE conformance requirements corresponding to Rel-17 reduced Capability NR devices,including specify necessary performance requirements, measurement accuracy requirements, associated test environment, UE conformance test cases and test applicability related to the above-mentioned enhancements and core requirements.

The WI has the following objectives to test for supporting reduced capability NR devices:

- Protocol test case to support NR Redcap device.

- RF test cases to support NR RedCap device.

- RRM test cases to support the NR RedCap devices

**Discussion:**

r1

RAN5 Chair: check WIC with RAN secretary.

Completion dates are not needed to be all the same; some can be eralier.

R&S suggested to include 37.571 for core POS impact as well.

**Decision:** The document was **revised to R5-221381**.

**R5-220328 New WID on UE Conformance - LTE/NR Multi-SIM devices**

*Type: WID new For: Endorsement  
 Source: China Telecommunications,Vivo,CATT*

**Abstract:**

Multi-USIM devices have become more and more popular in different countries. The user may have both a personal and a business subscription in one device or has two personal subscriptions in one device for different services (e.g., use one individual subscription and one “family circle” plan). However, support for multi-USIM within a device is currently handled in an implementation-specific manner, resulting in a variety of implementations and UE behaviours. Standardizing support for such UE’s can prove beneficial from a performance perspective in that network functionality can be based on predictable UE behaviour.

Collision due to reception of paging when the UE is in IDLE/INACTIVE mode in both of the networks associated with respective SIMs was discussed in both SA/CT and RAN. An IMSI offset was introduced into LTE to calculate an alternative IMSI for deriving the modified Paging Occasion to avoid paging collisions. The procedures for network switching (with or without retaining RRC connection in network A) were designed for the UE to notify Network A of its switch from Network A to Network B. Finally, the paging cause feature was introduced to allow network to indicate to the UE whether the service is VoLTE/VoNR, which can be used by the UE to prioritize VoLTE/VoNR services in connection with MUSIM. All of these procedures are intended to allow predictable UE behaviour when MUSIM operation is used so networks can provide better UE performance.

CT WGs have completed 90% of the MUSIM normative work for core network aspects in Q4 2021, and the target date of specification completion in RAN2 MUSIM WI is planned to be completed in Q1 2022, with the ASN.1 freezing date planned for Q2 2022. In addition, per the consensus in RP-213622 during the RAN#94e meeting, no RRM requirements related to MUSIM gaps will be introduced as part of the R17 MUSIM WI. In other words, the core specifications WI aspects will be completed soon, and only protocol standardization (e.g., measurement gap patterns) remains to be completed, so it is proper time to start the related conformance test work in RAN5.

Objective:

Objective of SI or Core part WI or Testing part WI

The objective of this work item is to define the UE conformance requirements corresponding to the WID on LTE/NR Multi-SIM devices. This work item will cover NAS and AS Protocol conformance test specifications with Rel-17 NR/LTE MUSIM features.

**Decision:** The document was **revised to R5-221382**.

**R5-220426 New WID on UE Conformance - NR coverage enhancements**

*Type: WID new For: Endorsement  
 Source: China Telecom*

**Abstract:**

Coverage is one of the key factors that an operator considers when commercializing cellular communication networks due to its direct impact on service quality as well as CAPEX and OPEX. Many countries are making available more spectrum in FR1, such as 3.5 GHz, which is typically in higher frequencies than for LTE or 3G. Furthermore, compared to LTE, NR is designed to operate at much higher frequencies such as 28GHz or 39GHz in FR2. Due to the higher frequencies, it is inevitable that the wireless channel will be subject to higher path-loss making it more challenging to maintain an adequate quality of service that is at least equal to that of legacy RATs.

The Rel-17 study item “Study on NR coverage enhancements” studied the enhancements of coverage for PUSCH, PUCCH and other channels/signals. In the follow-up WI on NR coverage enhancements, the enhancements for PUSCH, PUCCH and Msg3 PUSCH have been specified.

The overall completion level for the core part of NR\_cov\_enh WI is already 85% at the RAN #94e in December 2021, and the WI core part is expected to be 100% completed at March 2022. The corresponding UE conformance specifications are now required to be implemented in RAN5.

Objective

Objective of SI or Core part WI or Testing part WI

The objective of this work item is to define the UE conformance requirements corresponding to WID on NR coverage enhancements. This work item will cover RF and Protocol conformance test specifications.

**Discussion:**

Verizon & Dish to be added.

**Decision:** The document was **revised to R5-221383**.

**R5-220622 New WID on UE Conformance - NR Multicast and Broadcast Services including CT and SA aspects**

*Type: WID new For: Approval  
 Source: Huawei, Hisilicon*

**Abstract:**

There is no broadcast/multicast feature support specified in the first two NR releases, i.e. Rel-15 and Rel-16. However, there are important use cases for which broadcast/multicast could provide substantial improvements, especially in regards to system efficiency and user experience.

3GPP Rel-17 has specified the feature support of multicast and broadcast services (MBS) over 5GS. This feature can provide substantial benefits for use cases such as (but not limited to) public safety and mission critical, V2X applications, transparent IPv4/IPv6 multicast delivery, IPTV, software delivery over wireless, group communications and IoT applications. Therefore, there is a strong industry need for this feature to be applicable in the real network scenario, so that variant applications as stated above can be available for customers to improve user experience.

The 3GPP CT WGs have completed 80% of the normative work for core network aspects including the security of NR MBS, the 3GPP RAN WGs plan to complete RAN part core specification for NR MBS at the end of Feb 2022 meeting, thus it’s time for corresponding RAN5 specification update to define conformance test part.

Objective

Objective of SI or Core part WI or Testing part WI

The objective of this work item is to provide conformance test specifications for the core requirements of Rel-17, including CT aspects of NR MBS, Security Aspects of NR MBS, and RAN aspects of NR MBS. This work item will cover Protocol conformance test specifications with NR-MBS operation.

**Discussion:**

AT&T asked to be added.

**Decision:** The document was **revised to R5-221384**.

**R5-221137 New WID on UE Conformance - Introduction of FR2 FWA UE with maximum TRP of 23dBm for band n257 and n258**

*Type: WID new For: Approval  
 Source: Huawei, Hisilicon*

**Abstract:**

In RAN#87 meeting, a new RAN4 Rel-17 WI was approved which introduced a new FR2 FWA UE with max EIRP of 43dBm and max TRP of 23dBm for band n257 and n258. A new power class (PC5) definition was introduced. The corresponding RF, RRM and Performance requirements are specified. This RAN4 WI has been 100% completed at RAN#91e meeting. There is a need to introduce a related RAN5 work item to enable corresponding UE conformance testing for FWA UE supporting PC5 in Rel-17.

Objective

Objective of SI or Core part WI or Testing part WI

The objective of this work item is to define the UE conformance requirements corresponding to WID on Introduction of FR2 FWA UE with maximum TRP of 23dBm for band n257 and n258 with Unique Identifier 870064, analysing the test case impact, applicability, test environment, and updating the relevant conformance specifications for the work item in Rel-17.

**Decision:** The document was **revised to R5-221385**.

### 4.2 General Discussion Papers

#### 4.2.1 5GS

**R5-220024 Checklist - NR\_Rel-16\_CA\_DC for RAN5#94-e**

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

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

**R5-220140 Discussion on 5G NR CADC configuration handling in RAN5**

*Type: discussion For: Endorsement  
 Source: CMCC, Huawei, Hisilicon, Ericsson, China Unicom, China Telecom, Nokia, CAICT, Bureau Veritas, ZTE*

**Abstract:**

The proposals to be implemented in PRD21 v0.1.0 introduced by R5-220767.

Observation 1: As of RAN5#93-e, the guide on how to handle 5G NR CADC configuration WIs is scattered across all the Tdocs above and maybe more Tdocs in the future, which leads to hard collection of all the latest guidelines.

Proposal 1: To create a living RAN5 PRD to give guideline/checklist on how to handle 5G NR CADC configuration WIs and how to introduce new 5G NR CADC configuration into RAN5 specs basing on the existing 9 Tdocs (R5-195406/197600/198048/201917/212566/215709/217504/217767/217498).

Observation 2: As of RAN5#93-e, the above 8 WIs are in the scope of 5G NR CADC config WIs, and 7 of the above WIs have already introduced “interested operators” into their WPs.

Proposal 2: The new RAN5 PRD proposed in Prop 1 will apply to all the 8 WIs (UIC=760087, 830083, 900056, 911000, 920065, 920066, 930051, 870062).

Observation 3: As of RAN5#93-e, the above 2 NR bands WIs relate to 5G NR CADC configuration WIs. As agreed in R5-195406, only after the Rel-16 new bands have been introduced into RAN5 Rel-16 test specs, the Rel-16 new band combos could be introduced into RAN5 Rel-16 test specs. The introduction of Rel-16 new bands is out of the scope of “NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest” WI.

Proposal 3: Only after the Rel-16/17 new bands have been introduced into RAN5 test specs, the Rel-16/17 new band combos could be introduced into RAN5 test specs. The introduction of Rel-16/17 new bands is out of the scope of “NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest” (UIC=830083) and “NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest” WI (UIC=900056).

Observation 4.1: As of RAN5#93-e, the following 9 feature specific WIs relate to 5G NR CADC configuration WIs. Specific configurations will be used to complete the corresponding test cases in the following 9 WIs.

Observation 4.2: As of RAN5#93-e, the following 3 configuration specific WIs relate to 5G NR CADC configuration WIs. Configuration specific WIs aim for introducing configuration test cases into RAN5 specs, while feature specific WIs aim for introducing new feature test cases into RAN5 specs.

Proposal 4.1: When specific Rel-16 configurations are needed to be used for completing test cases introduced by Rel-16 feature specific WIs (UIC=760087/870061/910098/911004/870062/911000/920065/920066/930051), the specific Rel-16 configurations shall be picked out among the “Ongoing” or “Completed” configurations in Rel-16 configuration specific WI (UIC=830083). If there is no "Ongoing" or "Completed" configuration in Rel-16 configuration specific WI can be used to complete the test cases introduced by some Rel-16 feature specific WIs, one feature specific configuration without interested operators in Rel-16 configuration specific WI can be used to complete the test cases introduced by the Rel-16 feature specific WI pending on the feature specific WI rapporteur’s decision.

Proposal 4.2: Only the feature specific configurations can be introduced into RAN5 specifications under the feature specific WIs(UIC=760087/870061/910098/911004/870062/911000/920065/920066/930051). All the other configurations shall be introduced into RAN5 specifications under the configuration specific WIs(UIC=760087, 830083, 900056).

Observation 5: As per the discussion on R5-217339 during RAN5#93-e, there are 5G NR CADC fallback configurations without “interested operators” but still need to be completed as long as they are in the same fallback groups of the configurations with “interested operators”.

Proposal 5: For the 5G NR CADC fallback configurations without “interested operators”, as long as they are in the same “Fallback group” of the configurations with “interested operators”, they shall be tagged as “Ongoing (FB)” in the “Status” Column and are ready for accepting contributions. They also shall be tagged as “Completed (FB)” in the “Status” Column when they are 100% completed in the WPs.

**Discussion:**

r1

The RAN5 Chair's advice was not to blindly follow the core requirements if there is no deployment intrest.

r2 was presented in the midweek joint.

Proposal 1 can be endorsed.

Ericsson commented on slide 8 Prop 5 on the fallback interband configurations contiguous.

Bureau Veritas and ZTE agreed with Ericsson.

**Decision:** The document was **revised to R5-221397**.

**R5-220445 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**.

#### 4.2.2 All other topics

**R5-220783 Draft ITU-R document for IMT-2020**

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

**Discussion:**

Skeleton for TS 38.521-3 to be reviewed and comments passed on to Huawei

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

**R5-221065 Discussion on the naming of meeting handling**

*Type: discussion For: Approval  
 Source: ZTE Corporation*

**Abstract:**

In this paper, we suggest to optimize the naming rules for the documents of meeting handlings in RAN5.

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

**R5-221215 On the LS response to ITU-R on Generic unwanted emission (IMT-2020)**

*Type: discussion For: Endorsement  
 Source: Ericsson*

**Abstract:**

ITU-R WP5D sent an LS to TSG RAN (R5-216419), where the group informed about the creation of two new recommendations for Generic unwanted emission characteristics and “kindly invite the Proponents of IMT-2020 to provide relevant materials for these new Recommendations consistent with the Recommendation ITU-R M.2150.”, including “Generic unwanted emission characteristics of mobile stations using the terrestrial radio interfaces of IMT-2020.”.

At RAN5#93-e, RAN5 responded to TSG RAN in R5-217769, explaining that the new Generic unwanted emissions recommendations will also be of much higher complexity than the existing Recommendations ITU-R M.2070 and M.2071. It was proposed to respond by June 2022. This conclusion was forwarded to ITU-R WP5D in RP-213642.The following is proposed:

Proposal 1: RAN5 (and RAN4) will work on the response until RAN5#96 in August and submit the result to TSG RAN#97, targeting an input to WP 5D#42 in October.

Proposal 2: The response should only cover 5G NR aspects (38-series), while we will reference the legacy recommendations for E-UTRA UE aspects.

Proposal 3: A work split is arranged to share the burden between multiple contributing companies.

The same proposal has been made to RAN4 in R4-2203621.

**Discussion:**

late doc

all 3 proposals are endorsed.

RAN will be informed vi the RAN5 Chair report, rather than sending an LS.

Thanks to Huawei, Apple, Orange.

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

### 4.3 RAN5 PRDs/Templates

**R5-220010 RAN5#94-e LS Template**

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

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

**R5-220451 RAN5 PRD12 version 6.8**

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

**Abstract:**

This PRD covers the process to agree the TTCN of new test cases and to maintain the TTCN of previously approved test cases, using the 3GPP\_TSG\_RAN\_WG5\_SIG (RAN5\_SIG) email reflector. The protocol test cases from the following 3GPP test specification series are within scope:

 TS 34.123,

 TS 34.229,

 TS 36.523,

 TS 36.579,

 TS 37.571,

 TS 38.523,

 TS 51.010 (note: only the GERAN to UTRAN Inter-RAT test cases).

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

**R5-220767 PRD21 v0.1.0 on NR bands and 5G NR CADC configuration handling in RAN5**

*Type: other For: Approval  
 Source: CMCC*

**Abstract:**

PRD21 describes handling and tracks completion status of RAN5 work items introducing new NR bands, new channel bandwidth extensions of existing NR bands and 5G NR CADC configurations. This also covers handling and tracking of RAN5 work items for introducing new power classes for NR bands and 5G NR CADC configurations.

PRD21 is based on the RAN5 agreements in [1-10]. In case of any deviations between PRD21 and the agreements in [1-10], PRD21 takes precedence.

Clause 4 provides RAN5 agreed guidelines for the different areas covered by PRD21:

- 5G NR CADC configurations (sub-clasue 4.1)

- New NR bands and CBW extensions (sub-clasue 4.2)

- 5G NR feature specific WIs impacting 5G NR CADC configurations (sub-clasue 4.3)

- 5G NR High Power WIs impacting 5G NR CADC configurations (sub-clasue 4.4)

- 5G NR CADC fallback configurations without Interested Operator (sub-clasue 4.5)

The tracking of completion status, industry priorities and responsibility of NR bands and 5G NR CADC configurations is provided by the PRD21 attached Excel document "5G NR bands and CADC configurations list". Clause 5 gives an overview of the different work sheets in the Excel document.

For 5G NR CADC configuration work items the handling in RAN5 is based on the following principles endorsed by RAN5 at RAN5#94-e in [10]:

- RAN5 5G NR CADC configuration work items should focus on updating existing test cases and/or adding new test cases for the new type of 5G NR CADC configurations introduced by the work items. The status of the new 5G NR CADC configurations introduced by the work items shall be tracked in the 5G NR CADC configuration list, including "Interested Operator" and the status of “Pending”, “Ongoing” and “Completed”.

- The minimum criteria for closing a RAN5 5G NR CADC work item is that the associated RAN4 core work item(s) are completed; that all required new or existing test cases have been completed for at least one representative 5G NR CADC configuration; and that PRD21 includes all the 5G NR CADC configurations introduced by the associated RAN4 core work items.

- PRD21 is used to keep track of TS 38.101-1 [11], TS 38.101-2 [12] and TS 38.101-3 [13] 5G NR CADC configurations and the status of the configurations in RAN5 conformance test specifications.

1 Scope

The scope of present document is to track status of for NR bands, NR band CBW extensions and 5G NR CADC configurations and its power classes covered by RAN5 work items and to provide a tool and guideline for companies volunteering to take responsibility to introduce new NR bands, NR band CBW extensions and 5G NR CADC configurations in 3GPP RAN5 test specifications.

**Discussion:**

r1

**Decision:** The document was **revised to R5-221398**.

### 4.4 Meeting schedule for 2022

**R5-220011 Meeting schedule for 2022-23**

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

**Discussion:**

the May meeting dates changed to 9.-20.

**Decision:** The document was **revised to R5-222000**.

**R5-222000 Meeting schedule for 2022-23**

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

(Replaces R5-220011)

**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

**R5-221374 RAN5#93-e WG Minutes**

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

(Replaces R5-220003)

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

**R5-221346 Avoiding Scell Drop in FR2 RF UL-CA tests**

*Type: discussion For: Agreement  
 Source: Apple Portugal*

**Abstract:**

AI 5.3.1.17

Associated CRs in R5-221347, R5-221348, R5-221349.

There have been extensive discussions over the course of several meetings regarding the SCell drop in FR2 UL-CA RF test cases. The purpose of this discussion paper is to summarize current status in RAN5 on the issue of FR2 EN-DC UEs dropping NR SCell during the TRx measurement and thereby ceasing to be in UL-CA mode. This is in lieu of the DUT following the prioritization rules in TS 38.101-2 [1] and TS 38.213 [2]. The issue has been discussed in length in RAN5 [5] [6] [7] [8], [9].We further propose some solutions for agreement.

It should also be noted that there was a way forward in RAN4 (R4-2202341) as of RAN4#101-bise which discussed possible ways to limit the serving cell power to prevent excessive power scaling of secondary cells, however there is no immediate solution seemingly available. While the actual method is still under discussion, the impact of this to conformance testing and possible options to consider in RAN5 spec are discussed.In this contribution, the following observations were made

Observation 1: As per TS 38.213 prioritization rules, PCC is prioritized over SCC. This is also the mode of operation in the field

Observation 2: RAN4 clarified via LS [2] to RAN5 that equal PSD is preferred test condition. However, actual UE behavior in the field has to be considered as well as prioritization rules in TS 38.213 to identify testing details.

Observation 3: RAN5 has agreed that the way forward recognizes prioritization rules in TS 38.213 [10]

Observation 4: RAN5 has to analyse and define test procedures which will ensure testability for intra-band UL-CA scenarios. Considering the ongoing RAN4 discussion, a potential solution from RAN4 cannot be precluded.

Observation 5: RAN1 confirms that no changes to prioritization rules is planned as there is no known issue as such. Further any UE-specific configuration of power limits to prevent SCell drop would not conflict with RAN1 specifications but a confirmation on this is dependent on the actual RAN4 solution.

Observation 6: There are 3 (three) completed FR2 RF UL-CA tests that are blocked solely by SCell drop issue. Other tests are not complete in the spec : either have multiple other blocking issues or are not yet introduced in the spec even in Release 15 work plan for the past many RAN5 meetings.

Observation 7: RAN5 has agreed that PCC beam peak direction as the beam peak for intra-band DL CA for a frequency separation of up to 800 MHz. This can be extended to UL-CA

Observation 8: Focusing on a reduced set of test points for MPR UL-CA tests allows to avoid testability issues related to noise impact while enabling testing for UL-CA configurations

Observation 9: To prevent SCell dropping due to a large power reduction, the discussed approach in RAN5 aligns with ongoing discussions in RAN4 that seek to attain the same objective i.e. limit the PCell power.

Option 1: To prevent SCell dropping due to a large power reduction, configure a power back-off on the PCC power via TPC so that remaining power up to Pcmax is available for Scells. Start with a limited set of test points on MPR CA tests to unblock UL-CA testing.

Observation 10: One aspect that kept arising with this option, however, is the MU impact of the dynamic range/noise issues discussed in this section. Based on some feedback from TE vendors, this aspect could not really be resolved and has been a constant limitation of Option 1.

Option 2: Introduce a conformance test function, for Release 16 onward testing only, to apply the backoff Xmax,f,Pcell that the UE can apply during the UL-CA conformance tests that are configured to test at max transmit power.

Observation 11a: Based on prior discussions, this approach effectively puts the responsibility on the UE to backoff/set its transmit power in response to the test function.

Observation 11b: Based on preliminary analysis (additional feedback and analysis is welcome), it is likely there will be some limitation on the number of testable points even with test function usage.

Observation 12: RAN4 solution being worked on in Release 17 with possibility of RAN2 updates

Option 3: Based on the Observation 7 and Observation 11, the option is to wait for RAN4/RAN2 solution (configured power limits for PCell/SCell and MAC-CE for enabling/disabling limits).

Observation 13: One aspect that has arisen from discussions is that Option 3 will require similar analysis of testability and UE side uncertainty with respect to setting transmit power as Option 2.

Observation 14: The RAN4 WF from RAN4#101-bis is added as reference under Appendix A.1. This gives an idea about the number of FFS items and options being discussed for this topic

Proposal 1: Prefer Option 2 (test function) to enable coverage for the testable UL-CA FR2 RF tests with no core WG dependency.

Option 3 would become the default way forward if there are strong concerns with Option2. RAN5 company inputs/preferences to both these options are critical to achieve consensus either way.

**Discussion:**

r1

Option 2 seems to be the way forward.

- An updated draft of the Discussion Paper (Draftv3\_R5-221346r2\_FR2\_PCC-Prio\_Discussion.docx ) containing the way forward proposals is uploaded to Drafts folder. Proposal 1 aligns with the general agreement today to proceed with Option2 and Proposal 2 incorporates the proposed LS to RAN4 idea.

- A draft LS to RAN4 on FR2 ULCA SCell Drop.docx” is uploaded.

r3

Proposals are endorsed.

**Decision:** The document was **revised to R5-221630**.

**R5-221630 Avoiding Scell Drop in FR2 RF UL-CA tests**

*Type: discussion For: Agreement  
 Source: Apple Portugal*

(Replaces R5-221346)

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

#### 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)

**R5-220177 Text Proposal on Test Procedure A.2.2.3**

*Type: pCR For: Approval  
 38.918 v0.3.0  
 Source: CMCC*

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

**R5-220178 Text Proposal on Test Procedure A.2.2.4**

*Type: pCR For: Approval  
 38.918 v0.3.0  
 Source: CMCC*

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

**R5-220179 Updates to Test Configurations**

*Type: pCR For: Approval  
 38.918 v0.3.0  
 Source: CMCC*

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

**R5-220180 Updates to message contents in A.2.1.1**

*Type: pCR For: Approval  
 38.918 v0.3.0  
 Source: CMCC*

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

**R5-220181 Addition of default URSP rule to Test Procedure A.2.2.1**

*Type: pCR For: Approval  
 38.918 v0.3.0  
 Source: CMCC*

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

**R5-220182 Addition of default URSP rule to Test Procedure A.2.2.2**

*Type: pCR For: Approval  
 38.918 v0.3.0  
 Source: CMCC*

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

**R5-221035 Text Proposal to update 5.4.2 and 5.4.3**

*Type: pCR For: Agreement  
 38.918 v0.3.0  
 Source: ROHDE & SCHWARZ*

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

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

**R5-220183 Summary of the documents for TR 38.918**

*Type: discussion For: Information  
 Source: CMCC*

**Abstract:**

Test Configuration

R5-220179: Added the test configuration for FQDN and IP 3 tuples based URSP rules

Test Procedure

R5-220177: Added new Test Procedure A.2.2.3 5G NR / Mapping Application to Network Slicing / FQDN

R5-220178: Added new Test Procedure A.2.2.4 5G NR / Mapping Application to Network Slicing / IP 3 Tuples

R5-220181: Updated test procedure A.2.2.1 to add default URSP rule in the message configuration

R5-220182: Updated test procedure A.2.2.2 to add default URSP rule in the message configuration

R5-220180: Updated the message contents in A.2.2.1

Statistical Analysis

R5-221035: Added 5.4.2 and 5.4.3 describing the application layer throughput and latency in a network slicing configuration

**Discussion:**

r1

all pCRs for block approval.

**Decision:** The document was **revised to R5-221399**.

**R5-221399 Summary of the documents for TR 38.918**

*Type: discussion For: Information  
 Source: CMCC*

(Replaces R5-220183)

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

##### 5.3.1.1 TS 38.508-1

###### 5.3.1.1.1 Test frequencies (Clause 4.3.1)

**R5-220090 Correction of clause title tyles of 4.3.1.1.1.x**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2171 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220308 Introduction of test frequencies for CA\_n261M**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2195 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson*

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

**R5-220903 Correction to test frequency range for n14**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2258 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221667**.

**R5-221667 Correction to test frequency range for n14**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2258 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-220903)

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

**R5-221050 Correction of 4.3.1.2.4.4.2 for test frequencies for CA\_n260\_A-I**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2268 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

Editorial

**Discussion:**

()!

r1

**Decision:** The document was **revised to R5-221668**.

**R5-221668 Correction of 4.3.1.2.4.4.2 for test frequencies for CA\_n260\_A-I**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2268 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-221050)

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

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

**R5-221165 Update to NZP CSI-RS power control offset IE for Demod scenarios**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2274 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

deferred. Some more checks needed.

Based on further checks it was determined the proposed change is not needed

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

**R5-221167 Update to Ciphering algo IE for FR1 NSA SDR**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2275 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

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

**R5-221264 Correction of csi-ResourceConfigId**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2284 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221265 Correction of DMRS-DownlinkConfig**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2285 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

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

**R5-220687 Correction to default RRC IEs for RRM**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2236 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r2

**Decision:** The document was **revised to R5-221669**.

**R5-221669 Correction to default RRC IEs for RRM**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2236 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220687)

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

**R5-220916 Addition of PRB-Id setting for RRM test cases**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2259 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-221255 Update K1 value for RRM TDD FR1 30kHz RMC**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2282 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-221369 Update to PUCCH resource counfiguration for Scell CSI**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2289 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

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

###### 5.3.1.1.4 Other clauses, Annexes

**R5-220039 Updated the related RRC information for DSS**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2167 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

wrong WIC on cover!

r1

**Decision:** The document was **revised to R5-221670**.

**R5-221670 Updated the related RRC information for DSS**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2167 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220039)

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

**R5-220247 Added FR2 connection diagram using modulated interferer**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2190 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221671**.

**R5-221671 Added FR2 connection diagram using modulated interferer**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2190 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-220247)

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

**R5-220248 Correct TDD pattern for FR2 RF 60kHz SCS**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2191 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-220778 Correction of 4.1.1 on removal of lower humidity limit in NR test environment**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2244 Cat: F (Rel-17)  
  
 Source: Samsung R&D Institute UK, ZTE Corporation*

**Abstract:**

To be consistent with the previous agreements in GERAN and UTRAN/E-UTRAN, it is suggested to remove the lower humidity limit of 25% and keep the upper limit unchanged so that all systems can be tested in same normal conditions.

It is noted that there is

**Discussion:**

cover TEI16!

revision marks!

r4

**Decision:** The document was **revised to R5-221672**.

**R5-221672 Correction of 4.1.1 on removal of lower humidity limit in NR test environment**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2244 rev 1 Cat: F (Rel-17)  
  
 Source: Samsung R&D Institute UK, ZTE Corporation*

(Replaces R5-220778)

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

**R5-220925 Correction to radioLinkMonitoringConfig for Scell**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2260 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

avoid overlap with R5-221178.

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

**R5-221066 Discussion on the lower humidity limit in temperature test environment**

*Type: discussion For: Approval  
 Source: ZTE Corporation, Samsung R&D Institute UK*

**Abstract:**

Discussion on the lower humidity limit in temperature test environment

**Discussion:**

related LS out 221604 is approved.

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

**R5-221349 Add new messages and procedure for test function to limit Pcell Power**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2288 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

**Abstract:**

Discussion Paper R5-221346

**Discussion:**

late doc (0:49)

offline comment by R&S.

r1

will produce a draftCR.

**Decision:** The document was **revised to R5-221660**.

**R5-221660 Add new messages and procedure for test function to limit Pcell Power**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2288 rev 1 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

(Replaces R5-221349)

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

**R5-221620 Add new messages and procedure for test function to limit Pcell Power**

*Type: draftCR For: Endorsement  
 38.508-1 v17.3.0  
 Source: Apple Portugal*

**Abstract:**

In lieu of R5-221349r1, requesting draftCR TDoc#

**Discussion:**

r2

**Decision:** The document was **revised to R5-221920**.

**R5-221920 Add new messages and procedure for test function to limit Pcell Power**

*Type: draftCR For: Endorsement  
 38.508-1 v17.3.0  
 Source: Apple Portugal*

(Replaces R5-221620)

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

##### 5.3.1.2 TS 38.508-2

**R5-220042 Addition of PICS for frequencyShift7p5khz**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0285 Cat: F (Rel-17)  
  
 Source: CMCC, Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221673**.

**R5-221673 Addition of PICS for frequencyShift7p5khz**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0285 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC, Huawei, Hisilicon*

(Replaces R5-220042)

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

**R5-220666 Correction typo for Table A.4.3.2B.2.3.1-3a and Table A.4.3.8-1**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0295 Cat: F (Rel-17)  
  
 Source: SGS Wireless*

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

**R5-221005 Addition of PICs for FR2 CSI-RS based RLM**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0305 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

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

**R5-221047 Addition of A.4.3.2B.2.3.7 for DC\_3A-42D\_n257A and DC\_3A-42E\_n257A**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0307 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

Add inter-band EN-DC configurations DC\_3A-42D\_n257A and DC\_3A-42E\_n257 to Table A.4.3.2B.2.3.7-2.

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

**R5-221054 Correction of A.4.3.2B.2 for intra-band contiguous and non-contiguous EN-DC**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0308 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

Editorial

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

**R5-221055 Correction of A.4.3.2B.2.3.4 for supported inter-band EN-DC configurations within FR1**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0309 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

Correction of A.4.3.2B.2.3.4 for supported inter-band EN-DC configurations within FR1

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

**R5-221064 Update of A.4.3.9 for Additional capabilities for UE declared capability**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0313 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

Update of A.4.3.9 for Additional capabilities for UE declared capability

**Discussion:**

first agreed, then r1

based on Ericsson's comments.

Keysight Spain: should WIC be Rel-17 band combo instead?

**Decision:** The document was **revised to R5-221674**.

**R5-221674 Update of A.4.3.9 for Additional capabilities for UE declared capability**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0313 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-221064)

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

##### 5.3.1.3 TS 38.509

**R5-221348 Addition of new test function to limit Pcell power**

*Type: CR For: Agreement  
 38.509 v16.3.0 CR-0056 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

**Abstract:**

Discussion Paper R5-221346

**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.

TF160 manager:

- WIC is Rel-15 5GS\_NR\_LTE-UEConTest, but your CR is on Rel-16 spec. You also need a Rel-15 CR.

- ME shall be ticked.

- Clauses affected says “5,6” but you add a new clause 5.8???

- The text in clause 5.8.1 is worded like a discussion document proposal, but here we have a Change Request to a Technical Specification.

- There is no UE requirement (no ‘shall’) whatsoever in your CR. It is not specified what the UE shall do (and possibly not do) upon reception of the DL message.

- Wrong format of the figure.

- What is this f,Pcell on the left of the figure???

- No figure title.

- Only a general section 5.8.1, no section 5.8.2???

- New message definitions to be added under clause 6.

r2

will produce a draftCR.

**Decision:** The document was **revised to R5-221659**.

**R5-221659 Addition of new test function to limit Pcell power**

*Type: CR For: Agreement  
 38.509 v16.3.0 CR-0056 rev 1 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

(Replaces R5-221348)

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

**R5-221619 Addition of new test function to limit Pcell power**

*Type: draftCR For: Endorsement  
 38.509 v..  
 Source: Apple Portugal*

**Abstract:**

In lieu of R5-221348r2, requesting draftCR TDoc#

**Discussion:**

r2

**Decision:** The document was **revised to R5-221921**.

**R5-221921 Addition of new test function to limit Pcell power**

*Type: draftCR For: Endorsement  
 38.509 v..  
 Source: Apple Portugal*

(Replaces R5-221619)

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

##### 5.3.1.4 TS 38.521-1

###### 5.3.1.4.1 Tx Requirements (Clause 6)

**R5-220064 Correction of test applicability of A-MPR**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1480 Cat: F (Rel-17)  
  
 Source: CAICT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221675**.

**R5-221675 Correction of test applicability of A-MPR**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1480 rev 1 Cat: F (Rel-17)  
  
 Source: CAICT*

(Replaces R5-220064)

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

**R5-220071 Addition of Test description and Test requirement for 6.3A.2.1 Transmit OFF power for 2UL CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1481 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220072 Correction of Table number in step 4 of 6.3A.4.2.1.4.1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1482 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220073 Correction of Test SCS in Table 6.2D.2.4.1-1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1483 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220074 Addition of missing clause titles for 6.5B, 6.5D.2\_1.4 and 6.5D.2\_1.4.1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1484 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220075 Correction of clause title styles**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1485 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220080 Adding additional tolerance to test requirement of Transmitter power test cases**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1489 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220081 Removal of Editor note about PC1 requirements in Rel-15 and Rel-16**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1490 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220252 Editorial correction to minimum requirements in test 6.2D.2**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1513 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

Editorial

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

**R5-220253 General corrections in FR1 6.3A.3.1 ONOFF time mask CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1514 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-220254 Frequency correction for NS\_27 in A-MPR test**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1515 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-220405 Alignment of test points of ACLR with MPR**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1528 Cat: F (Rel-17)  
  
 Source: CAICT*

**Discussion:**

Conflict with R5-220200.

r3

**Decision:** The document was **revised to R5-221676**.

**R5-221676 Alignment of test points of ACLR with MPR**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1528 rev 1 Cat: F (Rel-17)  
  
 Source: CAICT*

(Replaces R5-220405)

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

**R5-220537 Correction on test procedure and initial condition for power tolerance test cases**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1531 Cat: F (Rel-17)  
  
 Source: TTA*

**Abstract:**

Editorial

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

**R5-220770 Corrections of Tx TCs having impact on ETSI EN 301 908-25**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1539 Cat: F (Rel-17)  
  
 Source: China Unicom*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221677**.

**R5-221677 Corrections of Tx TCs having impact on ETSI EN 301 908-25**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1539 rev 1 Cat: F (Rel-17)  
  
 Source: China Unicom*

(Replaces R5-220770)

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

**R5-220892 Correction to note of general spurious emissions**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1557 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

RAN4 dependent draftCR number : R4-2205620

**Discussion:**

r1

**Decision:** The document was **revised to R5-221678**.

**R5-221678 Correction to note of general spurious emissions**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1557 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-220892)

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

**R5-220893 Correction to test procedure of SRS time mask**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1558 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220898 Correction to test requirement of 6.2.4**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1559 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

first agreed, then r1.

This revision removes test requirements at test ID 3 for bands other than n40, n41, n77, n78, n79 from Table 6.2.4.5-1 and 6.2.4.5-1b based on E///'s comment.

**Decision:** The document was **revised to R5-221679**.

**R5-221679 Correction to test requirement of 6.2.4**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1559 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-220898)

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

**R5-220899 Correction to test requirement of NS\_27 in 6.2.3**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1560 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220900 Correction to test requirement of NS\_47 in 6.2.3**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1561 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220901 Correction to measurement timing for inter-band CA with FDD and TDD**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1562 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221680**.

**R5-221680 Correction to measurement timing for inter-band CA with FDD and TDD**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1562 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-220901)

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

**R5-220905 Correction to test CBW for Non-SUL carrier in 6.4C.2.2**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1563 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220906 Correction to test requirement of 6.5C.3.2**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1564 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220907 Editorial correction to SUL test cases**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1565 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221681**.

**R5-221681 Editorial correction to SUL test cases**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1565 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-220907)

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

**R5-220914 Correction to RMC for PUCCH format 1 test cases**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1566 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220915 Correction to connection diagram and test configuration for Tx SUL test cases**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1567 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220919 Correction to transmission slot in SRS time mask test case**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1568 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-221052 Correction of 6.2A.2 on UE MPR for CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1572 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

Correction of 6.2A.2 on UE MPR for CA

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

**R5-221106 Correcting test applicabilities for MIMO test cases**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1573 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

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

**R5-221107 Correcting to NR test case 6.2A.1 MOP for CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1574 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

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

**R5-221109 Updating test case 6.2.3 AMPR for NS\_03 and NS\_03U**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1576 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

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

**R5-221266 Correction of in-band emissions test cases**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1604 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

"Author confirmed resolution of overlap with R5-220770 is ongoing

Overlap resolving by revising R5-220770 (ChinaUnicom) "

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

**R5-221267 Correction of SRS time mask test case**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1605 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221322 Update for 6.5C.3.3 Additional spurious emissions for SUL**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1606 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

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

**R5-221323 Editorial correction to clause 6.5.3.2 and 6.5.3.3**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1607 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221682**.

**R5-221682 Editorial correction to clause 6.5.3.2 and 6.5.3.3**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1607 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

(Replaces R5-221323)

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

**R5-221365 Introduction of AMPR modification in n30**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1614 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

**Abstract:**

Dependent on RAN4 CR agreement

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

###### 5.3.1.4.2 Rx Requirements (Clause 7)

**R5-220076 Correction of Test SCS in Table 7.3C.2.4.1-1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1486 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220077 Correction of style in Table 7.4D.4.1-1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1487 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220078 Correction of Test frequency in Table 7.6C.3\_1.1.4.1-1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1488 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220082 Correction of table numbers in 7.6C.2\_1.1 and 7.6C.3\_1.1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1491 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220249 Corrected REFSENS reference in SUL Frequency error test**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1510 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-220250 Correction of test requirements in spurious test 7.7D**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1511 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

"Author confirmed conflicted with R5-220891 (Anritsu) and R5-221246 (T-mobile)

R5-220891r1 and R5-221246r1 will be provided removing overlap with R5-220250

‘overlap’ resolution pending

Keysight: Anritsu’s paper has been withdrawn while the other from T-Mobile has been revised removing the overlap. resolved overlap"

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

**R5-220255 n71 IBNC - UL allocation correction for testing REFSENS without exceptions**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1516 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-221108 Updating message contents for REFSENS for 2DL CA exceptions testing**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1575 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

RAN4 dependency

**Discussion:**

Tdoc#

r1

The RAN4 dependent CR was endorsed.

**Decision:** The document was **revised to R5-221930**.

**R5-221930 Updating message contents for REFSENS for 2DL CA exceptions testing**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1575 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-221108)

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

###### 5.3.1.4.3 Clauses 1-5, Annexes

**R5-220251 DL RMC correction for TDD SCS 60kHz**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1512 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-220273 Clarifications on 5G NR connectivity options for RF FR1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1518 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-220781 Update to statistical testing**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1541 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Disc in R5-220780

**Discussion:**

r2

**Decision:** The document was **revised to R5-221683**.

**R5-221683 Update to statistical testing**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1541 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220781)

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

**R5-221263 Correction to FR1 UL RMCs**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1603 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ, T-Mobile USA Inc.*

**Abstract:**

depends on RAN4 draftCR R4-2203605

**Discussion:**

r1

RAN4 draft CR has been agreed.

**Decision:** The document was **revised to R5-221684**.

**R5-221684 Correction to FR1 UL RMCs**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1603 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ, T-Mobile USA Inc.*

(Replaces R5-221263)

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

**R5-221361 Editorial update within channel raster section**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1613 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

**Abstract:**

Editorial

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

##### 5.3.1.5 TS 38.521-2

###### 5.3.1.5.1 Tx Requirements (Clause 6)

**R5-220093 Corrrection of test config tables of non-CA test cases for consistency with CA test cases on without RB allocation case**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0683 Cat: F (Rel-16)  
  
 Source: CAICT*

**Discussion:**

cover Rel-17.

r1

**Decision:** The document was **revised to R5-221685**.

**R5-221685 Corrrection of test config tables of non-CA test cases for consistency with CA test cases on without RB allocation case**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0683 rev 1 Cat: F (Rel-16)  
  
 Source: CAICT*

(Replaces R5-220093)

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

**R5-220256 FR2 Frequency error tests - unify requirements per polarization**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0684 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-220257 Test limit correction in FR2 MPR test case**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0685 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-220354 FR2 SA EVM test case update based on MU and TT analysis**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0689 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221686**.

**R5-221686 FR2 SA EVM test case update based on MU and TT analysis**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0689 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-220354)

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

**R5-220765 Core spec alignment for FR2 test case 6.3.4.3, Relative power tolerance**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0692 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

late doc

r1

The dependent RAN4 draft CR, R4-2204599, was not pursued.

**Decision:** The document was **revised to R5-221929**.

**R5-221929 Core spec alignment for FR2 test case 6.3.4.3, Relative power tolerance**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0692 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-220765)

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

**R5-220885 Correction of general ON OFF time mask**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0696 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221687**.

**R5-221687 Correction of general ON OFF time mask**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0696 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-220885)

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

**R5-220888 Correction to FR2 absolute power tolerance MU and TT**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0697 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

r4

As a result of further MU discussion, expected measured power at test point 1 is corrected again.

**Decision:** The document was **revised to R5-221688**.

**R5-221688 Correction to FR2 absolute power tolerance MU and TT**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0697 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-220888)

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

**R5-220908 Correction to test procedure of 6.4A.1.1**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0698 Cat: F (Rel-16)  
  
 Source: Anritsu*

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

**R5-221060 Update of 6.2A.1 for UE maximum output power**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0699 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Abstract:**

Update of 6.2A.1 for UE maximum output power

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

**R5-221061 Update of 6.2.3 for UE maximum output power with additional requirements**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0700 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Abstract:**

Update of 6.2.3 for UE maximum output power with additional requirements

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

**R5-221112 Update to test applicability to FR2 test cases**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0705 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

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

**R5-221269 Correction of ON OFF time mask test cases for FR2**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0706 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221328 Removing TP analysis editor note for FR2 Tx spur emission UL MIMO test case**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1608 Cat: F (Rel-17)  
  
 Source: Qualcomm Finland RFFE Oy*

**Abstract:**

Removing TP analysis editor note if dependent TP analysis approved. Dependent 38.905 TP analysis tdoc is R5-221324

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

**R5-221334 Removing TP analysis editor note for FR2 Tx spur emission UL MIMO test case**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0709 Cat: F (Rel-16)  
  
 Source: Qualcomm Finland RFFE Oy*

**Abstract:**

Removing TP analysis editor note if dependent TP analysis approved. Dependent 38.905 TP analysis tdoc is R5-221324.

**Discussion:**

Dependent 38.905 TP analysis tdoc is R5-221324. R&S comment to TP analysis

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

**R5-221347 CR to implement test function approach to avoid Scell Drop in FR2 UL-CA**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0713 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

**Abstract:**

Associated Discussion paper R5-221346

**Discussion:**

r1

will produce a draftCR.

**Decision:** The document was **revised to R5-221658**.

**R5-221658 CR to implement test function approach to avoid Scell Drop in FR2 UL-CA**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0713 rev 1 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

(Replaces R5-221347)

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

**R5-221618 Implement test function approach to avoid Scell Drop in FR2 UL-CA**

*Type: draftCR For: Endorsement  
 38.521-2 v..  
 Source: Apple Portugal*

**Abstract:**

In lieu of R5-221347r1, requesting draftCR TDoc#

**Discussion:**

r1

**Decision:** The document was **revised to R5-221922**.

**R5-221922 Implement test function approach to avoid Scell Drop in FR2 UL-CA**

*Type: draftCR For: Endorsement  
 38.521-2 v..  
 Source: Apple Portugal*

(Replaces R5-221618)

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

###### 5.3.1.5.2 Rx Requirements (Clause 7)

**R5-220091 Removal of empty lines in Table 7.3.2.3.2-1 and Table 7.3.2.5-2**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0681 Cat: F (Rel-16)  
  
 Source: CAICT*

**Discussion:**

cover Rel-17.

r1?

**Decision:** The document was **revised to R5-221689**.

**R5-221689 Removal of empty lines in Table 7.3.2.3.2-1 and Table 7.3.2.5-2**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0681 rev 1 Cat: F (Rel-16)  
  
 Source: CAICT*

(Replaces R5-220091)

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

**R5-220259 Updated reference to FR2 connection diagram in tests using modulated interferer**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0687 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

"Author confirmed no overlap/conflicts

R&S comment, discussion ongoing

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

**R5-221110 Correction to PDCCH DCI format for FR2 test cases**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0703 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221690**.

**R5-221690 Correction to PDCCH DCI format for FR2 test cases**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0703 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-221110)

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

**R5-221111 Editorial correction to titles of FR2 test cases**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0704 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

Editorial

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

**R5-221338 Update to Clause 7.6 Blocking Characteristics**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0710 Cat: F (Rel-16)  
  
 Source: Apple Hungary Kft.*

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

**R5-221340 Update to Clause 7.5 Adjacent channel selectivity**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0711 Cat: F (Rel-16)  
  
 Source: Apple Hungary Kft.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221691**.

**R5-221691 Update to Clause 7.5 Adjacent channel selectivity**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0711 rev 1 Cat: F (Rel-16)  
  
 Source: Apple Hungary Kft.*

(Replaces R5-221340)

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

**R5-221341 Update to Intra-band non-contiguous CA**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0712 Cat: F (Rel-16)  
  
 Source: Apple Hungary Kft.*

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

###### 5.3.1.5.3 Clauses 1-5, Annexes

**R5-220092 Correction of the table title style of Table 5.5A.3-1**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0682 Cat: F (Rel-16)  
  
 Source: CAICT*

**Discussion:**

cover Rel-17.

r1?

**Decision:** The document was **revised to R5-221692**.

**R5-221692 Correction of the table title style of Table 5.5A.3-1**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0682 rev 1 Cat: F (Rel-16)  
  
 Source: CAICT*

(Replaces R5-220092)

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

**R5-220258 RX beam peak direction search procedure update in case of intra-band DL CA**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0686 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

"Depends on discussion paper R5-221253

discussion ongoing on R5-221253

RF close GTM:deferred for more time for agreement on the content"

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

**R5-220274 Clarifications on 5G NR connectivity options for RF FR2**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0688 Cat: F (Rel-16)  
  
 Source: CMCC*

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

**R5-220406 Addition of new R15 configurations in clause 5**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0690 Cat: F (Rel-16)  
  
 Source: CAICT*

**Discussion:**

late doc

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

**R5-221276 38.521-2 Beam correspondence Measurement Uncertainties and test tolerances**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0707 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd*

**Abstract:**

This document depends on R5-221275.

**Discussion:**

r1

r2 done after the agreement -> not allowed, but nevertheless changes introduced in the final doc.

**Decision:** The document was **revised to R5-221611**.

**R5-221611 38.521-2 Beam correspondence Measurement Uncertainties and test tolerances**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0707 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd*

(Replaces R5-221276)

**Decision:** The document was **revised to R5-221657**.

**R5-221657 38.521-2 Beam correspondence Measurement Uncertainties and test tolerances**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0707 rev 2 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd*

(Replaces R5-221611)

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

##### 5.3.1.6 TS 38.521-3

###### 5.3.1.6.1 Tx Requirements (Clause 6)

**R5-220063 Correction of Test applicability of 6.2B.2.3**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1251 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220065 Correction of Test applicability of 6.2B.3.3**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1252 Cat: F (Rel-17)  
  
 Source: CAICT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221693**.

**R5-221693 Correction of Test applicability of 6.2B.3.3**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1252 rev 1 Cat: F (Rel-17)  
  
 Source: CAICT*

(Replaces R5-220065)

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

**R5-220066 Correction of 6.5B.2.3.3 to include 6.5.2.4.2 of 38.521-1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1253 Cat: F (Rel-17)  
  
 Source: CAICT*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221694**.

**R5-221694 Correction of 6.5B.2.3.3 to include 6.5.2.4.2 of 38.521-1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1253 rev 1 Cat: F (Rel-17)  
  
 Source: CAICT*

(Replaces R5-220066)

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

**R5-220068 Correction of test config table for 6.3B.3\_1.1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1254 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220069 Correction of reference section numbers in 6.4B.2.4.5.4.1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1255 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220070 Correction of Editor Note and reference section numbers in 6.5B.3.4.2\_1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1256 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220260 FR1 NSA IBC - ACLR clean up to leverage MPR test definition**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1260 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-220275 Clarifications on 5G NR connectivity options for RF FR1 and FR2**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1261 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-220279 Update MOP for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1262 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221695**.

**R5-221695 Update MOP for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1262 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220279)

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

**R5-220355 FR2 NSA EVM test case editor notes update**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1269 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221696**.

**R5-221696 FR2 NSA EVM test case editor notes update**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1269 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-220355)

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

**R5-220538 Correction on test requirements for TC 6.5B.3.3.2**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1282 Cat: F (Rel-17)  
  
 Source: TTA*

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

**R5-220656 Clarification on clause number of NE-DC for Tx test cases**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1287 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

can't open.

r1

**Decision:** The document was **revised to R5-221697**.

**R5-221697 Clarification on clause number of NE-DC for Tx test cases**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1287 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220656)

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

**R5-220754 Updating on 6.5B.3.3.2 Spurious emission for UE co-existence for inter-band within FR1 including n1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1289 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO INC.*

**Decision:** The document was **revised to R5-221698**.

**R5-221698 Updating on 6.5B.3.3.2 Spurious emission for UE co-existence for inter-band within FR1 including n1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1289 rev 1 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO INC.*

(Replaces R5-220754)

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

**R5-220886 Correction of ON OFF time mask for inter-band EN-DC including FR2**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1293 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221699**.

**R5-221699 Correction of ON OFF time mask for inter-band EN-DC including FR2**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1293 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-220886)

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

**R5-220894 Definition of MTSU and TT for Intra-band EN-DC additional spurious emissions test cases**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1294 Cat: F (Rel-17)  
  
 Source: Anritsu, DOCOMO Communications Lab.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221700**.

**R5-221700 Definition of MTSU and TT for Intra-band EN-DC additional spurious emissions test cases**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1294 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu, DOCOMO Communications Lab.*

(Replaces R5-220894)

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

**R5-220895 Correction to test procedure of FR1 EN-DC Spurious test for EN-DC only capable UE**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1295 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221701**.

**R5-221701 Correction to test procedure of FR1 EN-DC Spurious test for EN-DC only capable UE**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1295 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-220895)

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

**R5-220902 Correction to measurement timing for EN-DC combination with FDD and TDD**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1298 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220967 Update of 6.2B.1.3 Maximum Output Power for Inter-Band EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1305 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-220968 Update of 6.2B.4.1.3 Configured Output Power for Inter-Band EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1306 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-221053 Correction of 6.2B.1.1 for intra-band contiguous EN-DC maximum output power**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1314 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

Editorial

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

**R5-221170 Addition of 6.2B.2.3a MPR for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1316 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-221171 Addition of 6.4B.2.3a.4 EVM Equalizer Flatness for inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1317 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-221172 Addition of 6.2B.4.2.3a TIB,c for Inter-band NE-DC within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1318 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-221315 Editorial correction for 6.5B.3.3 Spurious emission**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1324 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

**Abstract:**

Editorial

**Discussion:**

r2

**Decision:** The document was **revised to R5-221702**.

**R5-221702 Editorial correction for 6.5B.3.3 Spurious emission**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1324 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

(Replaces R5-221315)

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

**R5-221317 Update for 6.5B.4.2 Additional Spurious Emissions for Intra-band non-contiguous EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1326 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

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

**R5-221325 Editorial Update for 6.2B.4.2.3.1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1328 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

**Abstract:**

Editorial corrections

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

###### 5.3.1.6.2 Rx Requirements (Clause 7)

**R5-220655 Adding RIB,c for Inter-band NE-DC**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1286 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-220657 Clarification on clause number of NE-DC for Rx test cases**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1288 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

can't open.

r1

**Decision:** The document was **revised to R5-221703**.

**R5-221703 Clarification on clause number of NE-DC for Rx test cases**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1288 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220657)

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

**R5-220904 Correction to test frequency of EN-DC 28\_n51 in 7.3B.2.3**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1299 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220975 Addition of transmit power configuration for EN-DC reference sensitivity**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1307 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

RAN4 dependent

**Discussion:**

r2

The RAN4 dependent CR was endorsed.

**Decision:** The document was **revised to R5-221931**.

**R5-221931 Addition of transmit power configuration for EN-DC reference sensitivity**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1307 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220975)

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

**R5-220976 Correction to reference sensitivity for intra-band contiguous EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1308 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

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

**R5-220977 Correction to Maximum Input Level for intra-band contiguous EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1309 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

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

**R5-220978 Correction to Adjacent Channel Selectivity for intra-band contiguous EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1310 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TP in R5-220982

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

**R5-220979 Update of Adjacent Channel Selectivity for intra-band non-contiguous EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1311 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

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

**R5-220980 Correction to out-of-band blocking for intra-band contiguous EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1312 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

RAN4 dependent

**Discussion:**

"RAN4 dependent draftCR R4-2205304 (Endorsed)

RAN4 verdict pending"

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

**R5-221321 Update for reference sensitivity for EN\_DC\_r15**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1327 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

**Abstract:**

This is CR withdrawn in last meeting due to further discussion is required.

TP Analysis for Dc\_2\_n78 is covered by CR R5-221313

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

**R5-221331 Update for 7.3B.2**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1331 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

**Abstract:**

Editorial

**Discussion:**

r1

**Decision:** The document was **revised to R5-221704**.

**R5-221704 Update for 7.3B.2**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1331 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

(Replaces R5-221331)

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

###### 5.3.1.6.3 Clauses 1-5, Annexes

**R5-220429 Regrouping DC Configuration in clause 5**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1278 Cat: F (Rel-17)  
  
 Source: Bureau Veritas, ZTE, Apple Portugal*

**Abstract:**

Regrouping DC configuration according to RAN5#93-e endorsed proposals in R5-217348.

The changes may cover part of DC configurations from WIC “NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest”, “NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest”.

**Discussion:**

r1

**Decision:** The document was **revised to R5-221705**.

**R5-221705 Regrouping DC Configuration in clause 5**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1278 rev 1 Cat: F (Rel-17)  
  
 Source: Bureau Veritas, ZTE, Apple Portugal*

(Replaces R5-220429)

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

**R5-220430 Update to R15 Configuration for DC**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1279 Cat: F (Rel-17)  
  
 Source: Bureau Veritas*

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

**R5-220896 Definition of MTSU for 7.6B.3.3\_1.1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1296 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220981 Update of Annex F for Adjacent Channel Selectivity for intra-band EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1313 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

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

**R5-221059 Update of 3.2 and 3.3 on symbols and abbreviations**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1315 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

Update of 3.2 and 3.3 on symbols and abbreviations

**Discussion:**

r1

**Decision:** The document was **revised to R5-221706**.

**R5-221706 Update of 3.2 and 3.3 on symbols and abbreviations**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1315 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-221059)

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

**R5-221268 Update of E-UTRA configuration**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1323 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

##### 5.3.1.7 TS 38.521-4

###### 5.3.1.7.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-220276 Clarifications on 5G NR connectivity options for Demod**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0454 Cat: F (Rel-16)  
  
 Source: CMCC*

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

**R5-220629 Correction to demod TC 5.2.2.1.4\_1**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0460 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

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

**R5-220630 Correction to demod TC 5.2.3.2.1\_1**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0461 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

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

**R5-220917 Correction to test frequencies for performance test cases**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0492 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

r1

R&S: We concur that in current specification the test frequencies do not match with the RAN4 minimum requirements with respect to offsetToCarrier.

However, we have the concern that the addition of “adjusted such that offsetToCarrier is equal to 0, as defined in Table 5.2-1.” in the Initial Conditions is not working properly, since many values in the test frequency tables are derived based on offsetToCarrier.

For example, point A, absoluteFrequencyPointA, offsetToPointA (SIB), etc., all depend on offsetToCarrier. Changing only offsetToCarrier will result in inconsistent test frequency configuration.

Therefore, new test frequency tables have to be introduced for Demod in TS 38.508-1 clause 5.2.2. There is already a table for band n71 present and for other bands analog tables are required.

Ericsson: we agree with R&S that if the current test frequencies in clause 4.3.1 is not fulfilling what is required by 38.521-4 test cases then should alternative test frequencies be defined in clause 5.2.2 in 38.508-1 such that all test case implementations use the same configurations.

The alternative would be to shift all Mid-range test frequencies in clause 43.1 to use OffsetToCarrier=0. For Low and High the priority is to get the carrier Low and High edge as close as possible to the band edges, but for Mid I assume it doesn’t matter if the frequency is not exact at the band’s bandwidth center. But that is probably not preferred due to the wide use of the Mid test frequencies in test case implementations today.

When It was discussed last time I thought it was only for band 71 there was an issue and thus alternative test frequencies were defined to fit the full CBW in CORESET0. Is there a problem for more bands or is it “only” because the offsetToCarrier value is defined as <>0?

**Decision:** The document was **revised to R5-221615**.

**R5-221615 Correction to test frequencies for performance test cases**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0492 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-220917)

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

**R5-221160 Editorial update to PBCH demod requirements section**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0499 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221707**.

**R5-221707 Editorial update to PBCH demod requirements section**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0499 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-221160)

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

###### 5.3.1.7.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

**R5-221163 Update to testability of test requirements due to achievable SNR improvements**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0500 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

R&S: In R5-221163r1 Table 8.1.1\_1-1 is updated. However, content of associated Table D.3.2.2-2 in TR 38.903 CR R5-2211593r3 is not changed and it is not associated to the discussion paper neither. Content of this table is for AWGN condition without fading and affects only TC 8.2.2.2.1.1 for which already all test points are applicable.

Therefore, we kindly request to remove the changes to Table 8.1.1\_1-1 from CR R5-221163.

r1

**Decision:** The document was **revised to R5-221708**.

**R5-221708 Update to testability of test requirements due to achievable SNR improvements**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0500 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-221163)

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

###### 5.3.1.7.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

**R5-220631 Correction to demod TC 9.4B.1.1**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0462 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

merge the changes on R5-221166.

w/d?

"Author confirmed conflicted with R5-221166 (QC), will discuss and merge

‘overlap’ resolution pending

HW: likely that we will withdraw R5-220631 and merge the changes on R5-221166. But since the discussion may not be finished before end of this week, so please mark R5-220631 as deferred.

Discussion between R5-221166 and R5-220631(HW) is ongoing

withdrawn by 4 March RF MH if no contrary comments rxvd by 4 march 16:00 UTC"

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

**R5-221166 FR1 NSA SDR message contents update**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0501 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

r1

resolve overlaps with Huawei CR R5-220631. More discussion with Huawei on the NSA SDR message contents.

r2

**Decision:** The document was **revised to R5-221709**.

**R5-221709 FR1 NSA SDR message contents update**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0501 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-221166)

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

###### 5.3.1.7.4 Clauses 1-4, Annexes

**R5-220638 Addition of fading profile power uncertainty for 4Tx, FR1**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0467 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**R5-220909 Correction to Annex H.1.2**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0491 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221710**.

**R5-221710 Correction to Annex H.1.2**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0491 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-220909)

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

##### 5.3.1.8 TS 38.522

**R5-220062 Correction of Additional Information for 6.2.2, 6.2.3 and 6.5.2.4.1 of 38.521-1 and 6.2B.2.3 and 6.2B.3.3 of 38.521-3**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0132 Cat: F (Rel-17)  
  
 Source: CAICT*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221711**.

**R5-221711 Correction of Additional Information for 6.2.2, 6.2.3 and 6.5.2.4.1 of 38.521-1 and 6.2B.2.3 and 6.2B.3.3 of 38.521-3**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0132 rev 1 Cat: F (Rel-17)  
  
 Source: CAICT*

(Replaces R5-220062)

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

**R5-220536 Correction to Applicability and Additional information for EN-DC TC and RRM TC**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0139 Cat: F (Rel-17)  
  
 Source: TTA, SGS Wireless*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221712**.

**R5-221712 Correction to Applicability and Additional information for EN-DC TC and RRM TC**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0139 rev 1 Cat: F (Rel-17)  
  
 Source: TTA, SGS Wireless*

(Replaces R5-220536)

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

**R5-220667 Correction the condition of 38.533 RRM TC6.7.7.1**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0141 Cat: F (Rel-17)  
  
 Source: SGS Wireless*

**Discussion:**

merged into R5-220536.

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

**R5-221004 Correction to applicability of FR2 intra-frequency measurement without DRX and BFD TCs**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0149 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

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

**R5-221048 Correction of 4.0 for tested DC configuration selection criteria**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0150 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

Correct the tested DC configuration selection criteria for test codes E011, E011a, E012, E012a, E013, E013a and E014 in Table 4.0-3.

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

**R5-221295 Correction of RRM test cases applicability - Note 1 removal**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0154 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Note 1 removal from complete test cases

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

##### 5.3.1.9 TS 38.533

###### 5.3.1.9.1 EN-DC with all NR cells in FR1 (Clause 4)

**R5-220109 Update of SA FR1 TC 4.5.3.1 and 4.5.3.3**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1580 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

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

**R5-220278 Clarifications on 5G NR connectivity options for RRM**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1587 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

no sub-AI

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

**R5-220688 Correction to FR1 EN-DC RRM TCs - interruption SCC**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1591 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221713**.

**R5-221713 Correction to FR1 EN-DC RRM TCs - interruption SCC**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1591 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220688)

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

**R5-220689 Correction to FR1 EN-DC RRM TCs - SCell activation**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1592 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204844

**Discussion:**

"RAN4 dependent draftCR R4-2204844 (Endorsed)

Author confirmed no overlap/conflicts

RAN4 verdict pending"

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

**R5-220913 Correction to test procedure of SFTD measurement accuracy**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1660 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r3

**Decision:** The document was **revised to R5-221923**.

**R5-221923 Correction to test procedure of SFTD measurement accuracy**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1660 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-220913)

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

**R5-220918 Correction to SRS configuration condition for FR1 timing test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1661 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220923 Correction to BWP switch delay test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1665 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220924 Correction to message exception for 4.7.5.1**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1666 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220937 Correction to BWP configuration for 4.5.6.1.2**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1677 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221924**.

**R5-221924 Correction to BWP configuration for 4.5.6.1.2**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1677 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-220937)

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

**R5-221009 Editorial corrections for EditHelp comments s4**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1699 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Editorial CR for EditHelp comments

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

**R5-221010 Editorial corrections to revert headers to h6 for s4**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1700 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Editorial CR for subheader level

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

**R5-221020 Minimum requirements for EN-DC FR1 L1-RSRP test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1710 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

###### 5.3.1.9.2 NE-DC with all NR cells in FR1 (Clause 4A)

**R5-221019 New section for NE-DC RRM test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1709 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

"Discussing to revise R5-221366 (Apple) and remove the overlap

R5-221366r1 to resolve the overlap/conflicts"

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

**R5-221254 Update 4.5.7.1 test procedure**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1733 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-221366 Introduce Test case for LTE PSCell addition and release in NE-DC**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1746 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

**Discussion:**

feedback from R&S.

r1

**Decision:** The document was **revised to R5-221714**.

**R5-221714 Introduce Test case for LTE PSCell addition and release in NE-DC**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1746 rev 1 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

(Replaces R5-221366)

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

###### 5.3.1.9.3 EN-DC with at least 1 NR Cell in FR2 (Clause5)

**R5-220690 Correction to FR2 EN-DC RRM TCs - RLM**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1593 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r1

**Decision:** The document was **revised to R5-221715**.

**R5-221715 Correction to FR2 EN-DC RRM TCs - RLM**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1593 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220690)

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

**R5-220691 Correction to FR2 EN-DC RRM TC 5.5.5.1 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1594 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r3

**Decision:** The document was **revised to R5-221716**.

**R5-221716 Correction to FR2 EN-DC RRM TC 5.5.5.1 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1594 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220691)

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

**R5-220692 Correction to FR2 EN-DC RRM TC 5.5.5.2 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1595 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r3

**Decision:** The document was **revised to R5-221717**.

**R5-221717 Correction to FR2 EN-DC RRM TC 5.5.5.2 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1595 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220692)

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

**R5-220693 Correction to FR2 EN-DC RRM TC 5.5.5.3 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1596 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r3

**Decision:** The document was **revised to R5-221718**.

**R5-221718 Correction to FR2 EN-DC RRM TC 5.5.5.3 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1596 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220693)

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

**R5-220694 Correction to FR2 EN-DC RRM TC 5.5.5.4 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1597 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r3

**Decision:** The document was **revised to R5-221719**.

**R5-221719 Correction to FR2 EN-DC RRM TC 5.5.5.4 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1597 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220694)

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

**R5-220695 Correction to FR2 EN-DC RRM TC 5.5.5.5 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1598 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r3

**Decision:** The document was **revised to R5-221720**.

**R5-221720 Correction to FR2 EN-DC RRM TC 5.5.5.5 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1598 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220695)

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

**R5-220696 Correction to FR2 EN-DC RRM TC 5.6.1.1 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1599 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r1

**Decision:** The document was **revised to R5-221721**.

**R5-221721 Correction to FR2 EN-DC RRM TC 5.6.1.1 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1599 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220696)

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

**R5-220697 Correction to FR2 EN-DC RRM TC 5.6.1.2**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1600 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

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

**R5-220698 Correction to FR2 EN-DC RRM TC 5.6.1.3 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1601 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r1

**Decision:** The document was **revised to R5-221722**.

**R5-221722 Correction to FR2 EN-DC RRM TC 5.6.1.3 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1601 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220698)

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

**R5-220699 Correction to FR2 EN-DC RRM TC 5.6.1.4**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1602 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

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

**R5-220930 Correction to ssb-ResourceList for 5.3.2.2.2**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1671 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-221011 Editorial corrections for EditHelp comments s5**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1701 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Editorial CR for EditHelp comments

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

**R5-221012 Editorial corrections to revert headers to h6 for s5**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1702 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Editorial CR for subheader level

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

**R5-221021 Minimum requirements for EN-DC FR2 L1-RSRP test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1711 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221022 New test case 5.7.4.1**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1712 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

CR#

r1

**Decision:** The document was **revised to R5-221723**.

**R5-221723 New test case 5.7.4.1**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1712 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-221022)

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

**R5-221023 New test case 5.7.4.2**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1713 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221724**.

**R5-221724 New test case 5.7.4.2**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1713 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-221023)

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

**R5-221026 Corrections to 5.7.x.x**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1716 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221158 Update to RRM test case with CDRX**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1725 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

3GU??

**Decision:** The document was **revised to R5-221725**.

**R5-221725 Update to RRM test case with CDRX**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1725 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-221158)

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

**R5-221187 Correct message content for RLM-SSB Based FR2 5.5.1.1**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1728 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221188 Correct message content for RLM-SSB Based FR2 5.5.1.2**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1729 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221189 Correct message content for RLM-SSB Based FR2 5.5.1.3**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1730 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221190 Correct message content for RLM-SSB Based FR2 5.5.1.4**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1731 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221191 Correct message content for FR2 interruption**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1732 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

###### 5.3.1.9.4 NR Standalone in FR1 (Clause 6)

**R5-220110 Update of SA FR1 TC 6.5.3.1 and 6.5.3.3**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1581 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

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

**R5-220700 Correction to FR1 NR SA RRM TCs - low priority reselection**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1603 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

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

**R5-220701 Correction to FR1 NR SA RRM TC 6.5.2.1 - interruption SCC**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1604 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

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

**R5-220702 Correction to FR1 NR SA RRM TCs - SCell activation**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1605 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204844

**Discussion:**

"RAN4 dependent draftCR R4-2204844 (Endorsed)

Author confirmed no overlap/conflicts

RAN4 verdict pending"

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

**R5-220910 Correction to TRS Configuration of 6.3.2.1.3**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1657 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

"RAN4 dependent draftCR R4-2203572 merged into R4-2206805 (Endorsed)

RAN4 verdict pending"

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

**R5-220911 Correction to test procedure of 6.1.1.2**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1658 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220912 Correction to reference of test frequency in 6.3.1.x NR only test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1659 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220921 Correction to message exception for handover test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1663 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220927 Correction to 6.3.2.3.1 NR SA FR1 RRC connection release with redirection**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1668 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

"RAN4 dependent draftCR R4-2203572 merged into R4-2206805 (Endorsed)

Author confirmed no overlap/conflicts

RAN4 verdict pending"

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

**R5-220932 Correction to active BWP ID and TRS configuration in 6.5.6.1.1**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1673 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221925**.

**R5-221925 Correction to active BWP ID and TRS configuration in 6.5.6.1.1**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1673 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-220932)

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

**R5-220933 Correction to T HARQ setting for 6.5.3.1**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1674 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

"RAN4 dependent draftCR R4-2203572 merged into R4-2206805 (Endorsed)

RAN4 verdict pending"

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

**R5-220934 Correction to CSI-RS offset for 6.5.3.1**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1675 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

RAN4 dependent draftCR number : R4-2203572

**Discussion:**

r1

**Decision:** The document was **revised to R5-221926**.

**R5-221926 Correction to CSI-RS offset for 6.5.3.1**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1675 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-220934)

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

**R5-220935 Correction to CSI report offset for 6.5.3.1**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1676 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

RAN4 dependent draftCR number : R4-2203572

**Discussion:**

r1

**Decision:** The document was **revised to R5-221927**.

**R5-221927 Correction to CSI report offset for 6.5.3.1**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1676 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-220935)

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

**R5-221013 Editorial corrections for EditHelp comments s6.1 to s6.3**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1703 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Editorial CR for EditHelp comments

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

**R5-221014 Editorial corrections for EditHelp comments s6.4 to s6.5**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1704 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Editorial CR for EditHelp comments

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

**R5-221030 Corrections to 6.7.x.x**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1720 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Depends on R4-2203599

**Discussion:**

r1

draftCR R4-2203599 has been endorsed.

**Decision:** The document was **revised to R5-221726**.

**R5-221726 Corrections to 6.7.x.x**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1720 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-221030)

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

**R5-221162 Update to FR1 SA Scell activation and deactivation test case**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1727 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Abstract:**

RAN4 dependency R4-2203837, R4-2203840, R4-2203843, R4-2203845, R4-2203847, R4-2203849

**Discussion:**

r1

RAN4 verdict and 'overlap' resolution pending

‘overlap’ resolution pending

QC: No overlap with R5-220689, R5-220109.

r1 uploaded to update Figure 4.5.3.1.5-1 and Figure 6.5.3.1.5-1 as per the proposals in this CR after receving an editable version of the figure from the original contributing company

QC 3/3: RAN4 draftCR was not pursued in this meeting..The content was agreed, but due to an unusual procedural problem, CR was not pursued in this meeting. In light of that, we would like to withdraw R5-221162 and resubmit in next meeting

**Decision:** The document was **revised to R5-221928**.

**R5-221928 Update to FR1 SA Scell activation and deactivation test case**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1727 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-221162)

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

**R5-221367 Addition of NR SA CGI test for inter-RAT E-UTRA cell using autonomous gaps**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1747 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

**Abstract:**

Align with core requirements and include a correction in test requirements section

**Discussion:**

As pointed out by R&S and Huawei the test has to be introduced as part of future Rel16 RRM enhancements WID.

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

###### 5.3.1.9.5 NR standalone with at least one NR cell in FR2 (Clause7)

**R5-220703 Correction to FR2 NR SA RRM TCs - RLM**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1606 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

This CR is RAN4 dependent. And during RAN4 1st round discussion it was agreed that all corresponding changes shall be reversed. So R5-220703 is no longer needed.

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

**R5-220704 Correction to FR2 NR SA RRM TC 7.5.5.1 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1607 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r3

**Decision:** The document was **revised to R5-221727**.

**R5-221727 Correction to FR2 NR SA RRM TC 7.5.5.1 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1607 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220704)

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

**R5-220705 Correction to FR2 NR SA RRM TC 7.5.5.2 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1608 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r3

**Decision:** The document was **revised to R5-221728**.

**R5-221728 Correction to FR2 NR SA RRM TC 7.5.5.2 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1608 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220705)

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

**R5-220706 Correction to FR2 NR SA RRM TC 7.5.5.3 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1609 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r3

**Decision:** The document was **revised to R5-221729**.

**R5-221729 Correction to FR2 NR SA RRM TC 7.5.5.3 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1609 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220706)

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

**R5-220707 Correction to FR2 NR SA RRM TC 7.5.5.4 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1610 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r3

**Decision:** The document was **revised to R5-221730**.

**R5-221730 Correction to FR2 NR SA RRM TC 7.5.5.4 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1610 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220707)

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

**R5-220708 Correction to FR2 NR SA RRM TC 7.5.5.5 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1611 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r3

**Decision:** The document was **revised to R5-221731**.

**R5-221731 Correction to FR2 NR SA RRM TC 7.5.5.5 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1611 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220708)

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

**R5-220709 Correction to FR2 NR SA RRM TC 7.6.1.1 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1612 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r1

**Decision:** The document was **revised to R5-221732**.

**R5-221732 Correction to FR2 NR SA RRM TC 7.6.1.1 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1612 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220709)

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

**R5-220710 Correction to FR2 NR SA RRM TC 7.6.1.2 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1613 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221637**.

**R5-221637 Correction to FR2 NR SA RRM TC 7.6.1.2 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1613 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220710)

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

**R5-220711 Correction to FR2 NR SA RRM TC 7.6.1.3 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1614 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r1

**Decision:** The document was **revised to R5-221733**.

**R5-221733 Correction to FR2 NR SA RRM TC 7.6.1.3 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1614 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220711)

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

**R5-220712 Correction to FR2 NR SA RRM TC 7.6.1.4 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1615 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221638**.

**R5-221638 Correction to FR2 NR SA RRM TC 7.6.1.4 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1615 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220712)

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

**R5-221015 Editorial corrections for EditHelp comments s7**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1705 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Editorial CR for EditHelp comments

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

**R5-221289 Correction of RRM re-establishment test case 7.3.2.1.1 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1736 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Test case correction with Test Tolerance. RAN4 dependant.

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

**R5-221290 Correction of RRM re-establishment test case 7.3.2.1.2 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1737 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Test case correction with Test Tolerance. RAN4 dependant.

**Discussion:**

"Test case correction with Test Tolerance. RAN4 dependent draftCR R4-2205073(Endorsed)

2/25 Moderator (E///): some work needed or revision expected

2/28 Moderator (E///): good to go"

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

###### 5.3.1.9.6 E-UTRA – NR Inter-RAT with E-UTRA serving cell (Clause 8)

**R5-220926 Correction to message exception for 8.4.2.x with SSB index detection**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1667 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221734**.

**R5-221734 Correction to message exception for 8.4.2.x with SSB index detection**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1667 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-220926)

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

**R5-220929 Correction to message exception for 8.5.1.1**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1670 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-221016 Editorial corrections for EditHelp comments s8**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1706 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Editorial CR for EditHelp comments

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

**R5-221017 Editorial corrections to revert headers to h6 for s8**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1707 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Editorial CR for subheader level

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

**R5-221024 Correct message contents reference iRAT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1714 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221027 Corrections to 8.4.2.4**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1717 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221028 Corrections to 8.2.1.1**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1718 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221029 Corrections to 8.5.2.2.1**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1719 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221033 Corrections to message contents for 8.4.2.3 and 8.4.2.4**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1723 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221161 Test procedure update to L2NR Cell reselection test case**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1726 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

cl. aff.

r1

**Decision:** The document was **revised to R5-221735**.

**R5-221735 Test procedure update to L2NR Cell reselection test case**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1726 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-221161)

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

###### 5.3.1.9.7 Clauses 1-3, Annexes

**R5-220713 Correction to Annex F for FR2 SSB based BFD TCs**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1616 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r1

**Decision:** The document was **revised to R5-221736**.

**R5-221736 Correction to Annex F for FR2 SSB based BFD TCs**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1616 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220713)

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

**R5-220714 Correction to Annex F for FR2 SSB based intra-freq measurement TCs**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1617 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r1

**Decision:** The document was **revised to R5-221737**.

**R5-221737 Correction to Annex F for FR2 SSB based intra-freq measurement TCs**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1617 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220714)

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

**R5-220715 Correction to default configuration in Annex H**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1618 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r3

**Decision:** The document was **revised to R5-221738**.

**R5-221738 Correction to default configuration in Annex H**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1618 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220715)

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

**R5-221008 Editorial corrections for EditHelp comments s1 to s3**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1698 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Editorial CR for EditHelp comments

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

**R5-221018 Editorial corrections for EditHelp comments Annexes**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1708 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Editorial CR for EditHelp comments

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

**R5-221025 Add auxiliary band for n39**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1715 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221031 Correction reportAmount for B2 report**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1721 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221032 Updates to CSI-ReportConfig for FR2**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1722 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221739**.

**R5-221739 Updates to CSI-ReportConfig for FR2**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1722 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-221032)

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

**R5-221034 Update report config for iRAT test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1724 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221740**.

**R5-221740 Update report config for iRAT test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1724 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-221034)

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

**R5-221256 Update number of HARQ processes for FDD**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1734 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-221257 Update on number of measurement reports in 6.3.1.4**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1735 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-221291 Test Tolerance addition in Annex F for RRM FR2 re-establishment test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1738 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

TT addition to Annex F

**Discussion:**

"TT addition to Annex F, RAN4 dependent draftCR R4-2205073 (Endorsed)

Author confirmed no overlap/conflicts

2/25 Moderator (E///): some work needed or revision expected

2/28 Moderator (E///): good to go"

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

**R5-221303 Correction of clause 3**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1745 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Editiorial correction of Clause 3

**Discussion:**

r1

**Decision:** The document was **revised to R5-221741**.

**R5-221741 Correction of clause 3**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1745 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-221303)

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

**R5-221370 Update to PDSCH reference measurement channels for RRM test cases with DRX config**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1748 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Abstract:**

RAN4 dependency R4-2203831

**Discussion:**

QC 3/3: RAN4 draftCR is now endorsed. The RAN5 CR can be agreed

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

**R5-221601 Correction to test frequencies for intra-band contiguous CA**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1749 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-221742**.

**R5-221742 Correction to test frequencies for intra-band contiguous CA**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1749 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-221601)

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

##### 5.3.1.10 TS 36.508

##### 5.3.1.11 TS 36.521-3

##### 5.3.1.12 TS 37.571-1

**R5-220534 Update test applicability to allow for support of limited GNSS combinations for 5G tests**

*Type: CR For: Agreement  
 37.571-1 v16.11.0 CR-0358 Cat: F (Rel-16)  
  
 Source: Bureau Veritas, Spirent Communications*

**Abstract:**

Update test applicability to align RAN5#93e agreed CR R5-217676

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

##### 5.3.1.13 TS 37.571-3

##### 5.3.1.14 TS 37.571-5

##### 5.3.1.15 TR 38.903 ((NR MU & TT analyses)

**R5-220356 FR2 EVM MU definition in 38.903**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0286 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221743**.

**R5-221743 FR2 EVM MU definition in 38.903**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0286 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-220356)

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

**R5-220716 TT analysis for FR2 SSB based BFD TCs**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0287 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r2

**Decision:** The document was **revised to R5-221744**.

**R5-221744 TT analysis for FR2 SSB based BFD TCs**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0287 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220716)

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

**R5-220717 TT analysis for FR2 SSB intra-freq measurement without DRX TCs**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0288 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204847

**Discussion:**

r2

**Decision:** The document was **revised to R5-221745**.

**R5-221745 TT analysis for FR2 SSB intra-freq measurement without DRX TCs**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0288 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220717)

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

**R5-220718 TT analysis for FR2 SSB intra-freq measurement with DRX TCs**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0289 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

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

**R5-220782 Addition of summary table for MU factors**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0292 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

Keysight Spain: Regarding table B.2.2.27-1, we think that, instead of listing companies SNR values, it would be worthy to show the SNR chosen for the given impact of noise and relaxation.

Please notice that some revisions could have been done internally before the final agreement when other TE vendor made the final proposal, hence not being documented in any RAN5 Tdoc.

It also seems you have not carried out the second change described in the cover page in the network analyzer?

Huawei: we didn’t always agree on SNR. Sometime we just agreed on the noise impact value based on companies’ input.

Maybe I can try to calculate the SNR value based on existing noise impact value in next version.

For example maybe for below OFF power (TRP), I could update the SNR for FR2a to -24.4dB, and SNR for FR2a to <-25dB.

r2

Keysight Spain: we think the approach you mentioned should be acceptable (including the cases where relaxation has been used).

**Decision:** The document was **revised to R5-221746**.

**R5-221746 Addition of summary table for MU factors**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0292 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220782)

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

**R5-221159 Update of predicted SNR upper bound for noise free SDR scenarios**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0300 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

was wrong ver in 3GU + cover!

r3

**Decision:** The document was **revised to R5-221747**.

**R5-221747 Update of predicted SNR upper bound for noise free SDR scenarios**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0300 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-221159)

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

**R5-221277 38.903 Beam correspondence Measurement Uncertainties**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0301 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd*

**Abstract:**

This document depends on R5-221275.

**Discussion:**

2/23 FR2 MU GTM#1:

Moderator (AT&T): Companies are encouraged to review the CR for content based on the endorsement of the proposals in R5-221275 by the end of the week.

Could be agreed.

2/25: Moderator (AT&T): There have been no further comments on the CR. This document can be provisionally agreed.

r1

**Decision:** The document was **revised to R5-221629**.

**R5-221629 38.903 Beam correspondence Measurement Uncertainties**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0301 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight technologies UK Ltd*

(Replaces R5-221277)

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

**R5-221287 Test Tolerance analysis for inter-frequency RRC re-establishment test case**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0303 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test tolerance analysis. RAN4 dependant.

**Discussion:**

"Test tolerance analysis. RAN4 dependent draftCR R4-2205073 (Endorsed)

2/24 Moderator (E///): good to go after RAN4 dependency is cleared

pending RRM TT facilitator update on the RAN5 analysis of the CR

2/25 Moderator (E///): good to go"

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

**R5-221288 Test Tolerance analysis for inter-frequency RRC re-establishment test case**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0304 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test tolerance analysis. RAN4 dependant.

**Discussion:**

r1

**Decision:** The document was **revised to R5-221644**.

**R5-221644 Test Tolerance analysis for inter-frequency RRC re-establishment test case**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0304 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-221288)

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

**R5-221304 Correction of clause 3**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0305 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Editiorial correction of Clause 3

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

##### 5.3.1.16 TR 38.905 (NR Test Points Radio Transmission and Reception )

**R5-220755 Addition of Test Point analysis for FR1 Spurious emission for UE co-existence for DC\_19\_n1**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0555 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO INC.*

**Decision:** The document was **revised to R5-221748**.

**R5-221748 Addition of Test Point analysis for FR1 Spurious emission for UE co-existence for DC\_19\_n1**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0555 rev 1 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO INC.*

(Replaces R5-220755)

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

**R5-220756 Addition of Test Point analysis for FR1 Spurious emission for UE co-existence for DC\_21\_n1**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0556 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO INC.*

**Decision:** The document was **revised to R5-221749**.

**R5-221749 Addition of Test Point analysis for FR1 Spurious emission for UE co-existence for DC\_21\_n1**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0556 rev 1 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO INC.*

(Replaces R5-220756)

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

**R5-220982 Update of test point analysis for Adjacent Channel Selectivity for EN-DC within FR1**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0561 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TC in R5-220978

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

**R5-221313 TP analysis for ref sensitivity for DC\_2A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0573 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

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

**R5-221314 Update\_TP\_analysis for EVM**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0574 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea, ROHDE & SCHWARZ*

**Discussion:**

rev 1!

r1

**Decision:** The document was **revised to R5-221750**.

**R5-221750 Update\_TP\_analysis for EVM**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0574 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea, ROHDE & SCHWARZ*

(Replaces R5-221314)

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

**R5-221324 Test Point analysis for FR2 Tx spur emission UL MIMO tests**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0576 Cat: F (Rel-17)  
  
 Source: Qualcomm Finland RFFE Oy*

**Abstract:**

This CR proposes same test point analysis as Tx spur single carrier to be used for Tx spur UL MIMO test

**Discussion:**

r1

incorporating offline feedback from Ericsson and R&S.

**Decision:** The document was **revised to R5-221751**.

**R5-221751 Test Point analysis for FR2 Tx spur emission UL MIMO tests**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0576 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Finland RFFE Oy*

(Replaces R5-221324)

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

**R5-221344 Addition of reference sensitivity checklist for CA reference sensitivity test point analysis**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0578 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221752**.

**R5-221752 Addition of reference sensitivity checklist for CA reference sensitivity test point analysis**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0578 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-221344)

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

**R5-221345 Modification of test point analysis clause for FR1 NR CA**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0579 Cat: F (Rel-17)  
  
 Source: Ericsson, WE Certification Oy, DISH Network, China Unicom*

**Discussion:**

r3

**Decision:** The document was **revised to R5-221753**.

**R5-221753 Modification of test point analysis clause for FR1 NR CA**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0579 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, WE Certification Oy, DISH Network, China Unicom*

(Replaces R5-221345)

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

**R5-221634 Update of spurious emission TP analysis for DC\_26A\_n41A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0582 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

Add test requirement for NS\_04 to spurious emission TP for DC\_26A\_n41A

Associated CR R5-220897"

**Discussion:**

late doc

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

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

**R5-220061 Discussion of Additional Information for 6.2.2 and 6.2.3 of 38.521-1 and 6.2B.2.3 and 6.2B.3.3 of 38.521-3**

*Type: discussion For: Endorsement  
 38.522 v..  
 Source: CAICT*

**Discussion:**

r1

proposals in R5-220061r1 can be endorsed as no more comment received.

**Decision:** The document was **revised to R5-221661**.

**R5-221661 Discussion of Additional Information for 6.2.2 and 6.2.3 of 38.521-1 and 6.2B.2.3 and 6.2B.3.3 of 38.521-3**

*Type: discussion For: Endorsement  
 38.522 v..  
 Source: CAICT*

(Replaces R5-220061)

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

**R5-220079 Discussion of adding additional tolerance deltaTIB,c to test requirement of Transmitter power test cases in 38.521-1**

*Type: discussion For: Endorsement  
 38.521-1 v..  
 Source: CAICT*

**Abstract:**

TDocList update Title to align discussion title.

Associated CR R5-220080

**Discussion:**

Noted and proposal is endorsed

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

**R5-220353 Discussion on MU and TT proposal for FR2 EVM**

*Type: discussion For: Discussion  
 38.521-2 v..  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

Associated CRs: R5-220354, R5-220355, R5-220356.

**Discussion:**

r2

Ericsson and Huawei: the MU/TT ratio of 1.0 in R5-220353r2 need further analysis.

2/23 FR2 MU GTM#1:

R&S: Why are the values in Table 3 so large? Also applies to Anritsu paper. We have a different view on Observation 1. State of the art TE can cover 64QAM and no need to look at Near-Field systems.

KS: We also see a big difference with Anritsu. The values that we are suggesting are scaled for the different BWs.

Anritsu: A value between the KS and Anritsu proposals could be acceptable.

R&S: We would expect the BW scaling to apply to the noise but this is taken into account separately. Is the scaling with the BW confirmed with measurements? We don't see this large of impact.

E///: In both papers, we cannot fully test the highest modulation. The allowed MPR values are quite large and we could likely test if we check the UE ON Power and test coverage could be improved. We are already considering this approach for ON/OFF time mask.

KS: We could also move this discussion to email to consider further.

Revised to: R5-220353r1.

Revised from: R5-220353.

Associated CRs: R5-220354, R5-220355, R5-220356.

2/28 FR2 MU GTM#2:

E///: Sent email comment to use a lower TT. This testability analysis is extremely pessimistic by summing up multiple factors. Don't see why this is any different than previous discussion on MU/TT factor.

Anritsu: P2 is agreeable. For P1, we will provide MU values from Anritsu that should be closer to KS values. Will provide values by today COB.

Orange: We support lower TT values.

HW: This testability analysis is not extremely pessimistic as E/// commented. The factors are independent of each other. TE EVM will harm the measurement. We also have UE EVM impact. For some test points, the TE EVM impact is already above the requirement. Using ~50% of requirement is already aggressive. P3 is acceptable.

KS: Agree with the comments from HW on MU factors independence.

E///: Can discuss this further by email. The issue is more the assumption on UE output power across 20 slots.

Moderator (AT&T): P2 can be endorsed. Further discussion will be held over email.

Revised to: R5-220353r2.

Revised from: R5-220353r1.

Associated CRs: R5-220354, R5-220355, R5-220356.

3/1:

KS: Proposal 3 seems to be able to be endorsed.

E///: As commented by both Ericsson and Huawei, the MU/TT ratio of 1.0 in R5-220353r2 need further analysis, and are therefore not endorsable.

Moderator (AT&T): Proposal 1 is superseded by Proposal 1 in the Anritsu paper in R5-220883r3. Proposal 3 cannot be endorsed at this time and requires additional discussion on MU/TT ratio. This document can be given a final Tdoc number and Proposal 2 can be endorsed.

Revised to: R5-221625.

Revised from: R5-220353r2.

Noted and Proposal 2 is endorsed

**Decision:** The document was **revised to R5-221625**.

**R5-221625 Discussion on MU and TT proposal for FR2 EVM**

*Type: discussion For: Discussion  
 38.521-2 v..  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-220353)

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

**R5-220780 Discussion on statistical testing**

*Type: discussion For: Endorsement  
 38.521-1 v..  
 Source: Huawei, HiSilicon*

**Abstract:**

CR in R5-220781

**Discussion:**

r2

"Revised from: R5-220780.

Associated CR R5-220781

RF session#2:

KS: is there a need for revalidating the tests? Given the test time is changing (decreasing)

Revalidations needs to be considered post RAN5 spec agreement with revalidation org

Option1 vs Option2 to be considered in offline discussions

document is deferred

Revised to: R5-220780r2."

"Revised from: R5-220780r1.

HW: dedicated email thread is created for discussion

RF close GTM:

Noted proposals endorsed implemented in 781r2

Revised to: R5-221639.

**Decision:** The document was **revised to R5-221639**.

**R5-221639 Discussion on statistical testing**

*Type: discussion For: Endorsement  
 38.521-1 v..  
 Source: Huawei, HiSilicon*

(Replaces R5-220780)

**Discussion:**

Noted and proposals endorsed and implemented in R5-220781r2

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

**R5-220883 MU and TT proposal for FR2 EVM**

*Type: discussion For: Endorsement  
 Source: Anritsu*

**Discussion:**

r1

improved MU values from Anritsu in R5-220883r1. Comparing values in R5-215476 (R&S), R5-220353r1 (Keysight) and R5-220883r1 (Anritsu), I think the following values are acceptable for all TEVs.

r3

2/23 FR2 MU GTM#1:

Moderator (AT&T): GTM comments related to this paper are captured generically under the discussion for R5-220353.

Revised to: R5-220883r1.

2/28 FR2 MU GTM#2:

Moderator (AT&T): Anritsu will capture their updated MU values in a revision.

Revised from: R5-220883.

Revised to: R5-220883r2.

Revised from: R5-220883r1.

Revised to: R5-220883r3.

Revised from: R5-220883r2.

3/1:

KS: Proposal 1 seems to be able to be endorsed.

Moderator (AT&T): This document can be given a final Tdoc number and Proposal 1 can be endorsed.

Revised to: R5-221626.

Revised from: R5-220883r3.

Noted and Proposal 1 is endorsed

**Decision:** The document was **revised to R5-221626**.

**R5-221626 MU and TT proposal for FR2 EVM**

*Type: discussion For: Endorsement  
 Source: Anritsu*

(Replaces R5-220883)

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

**R5-220884 Discussion on the dynamic range issue for FR2 ON OFF time mask**

*Type: discussion For: Endorsement  
 Source: Anritsu*

**Discussion:**

R&S:

to Anritsu: Thank you very much for the summary of the two papers. We share your view that all Proposals of both papers except the Proposals 3 can be endorsed. Can you confirm that you share the same intention of TT as expressed in R5-221270r1 paper?

To E///: Our intention is to reuse the same formula as for minimum output power. Due to the required relaxation, this will result in TT=0dB for all channel bandwidths and frequency ranges. I have updated this aspect in R5-221270r1 r1.

To Keysight Spain: Our analysis covers PC3 and PC1. Regarding the risk to fail the test: Risk of misjudgment is not higher due to ON power dependent relaxation, since due to higher ON power also the power of the transient leaking in the OFF region is higher which results in same detection efficiency, i.e., the SNR for the leaking power stays constant.

Keysight Spain: if the proposals in these 2 documents are endorsed, different PC3 devices will be tested against different test requirements, where relaxations are higher for those devices with higher risk to fail this test. Would this be fair?

r1

Anritsu assumes only PC3 for now. Corrected the comparison table which clarifies PC3.

Regarding TT, we agree with the new Proposal 6 and Eq.(1). It seems to introduce the same approach endorsed in R5-215826. We will revise the TT table in R5-220885 (CR for 38.521-2) as below.

Regarding power class, I would like to consider PC1 as well when considering the relaxation value of R5-221270r1.

R&S: Correct, it is the same approach. In the CRs of RAN5#92-e R has been subtracted from the formula of the discussion paper in order to specify R and TT separately.

Regarding the table in the Annex F, it seems to be confusing to refer to 6.3.1 since there a different table for the relaxation values is referred to and also the ΔSNR\_mr values do not match:…

Thus, I suggest to reuse the formula with some explanation:

TT = max(R, ΔSNRmr + 0.65 x (MTSUIFF – 1.0)) -R

R: Relaxation needed to limit influence of TE noise to 1 dB (specified in clause 6.3.3.2.5)

ΔSNRmr: Systematic offset due to noise when measuring at minimum requirement level (-30 dBm)

TT = 0, since R > ΔSNRmr + 0.65 x (MTSUIFF – 1.0)

RF AP#89e.24, associated CR R5-220885, R5-220886

2/22: Offline discussions are occurring.

Revised to: R5-220884r1.

Revised from: R5-220884.

RF AP#89e.24, associated CR R5-220885, R5-220886

2/23 FR2 MU GTM#1:

Moderator (AT&T): Given the similarity in proposals, this paper can be given a final Tdoc and noted as the R&S paper in R5-221270r1 will be used as baseline for further discussion.

Revised to: R5-221610.

Revised from: R5-220884r1.

RF AP#89e.24, associated CR R5-220885, R5-220886

document noted

**Decision:** The document was **revised to R5-221610**.

**R5-221610 Discussion on the dynamic range issue for FR2 ON OFF time mask**

*Type: discussion For: Endorsement  
 Source: Anritsu*

(Replaces R5-220884)

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

**R5-220887 Introduction of DL MU for FR2 absolute power tolerance**

*Type: discussion For: Endorsement  
 Source: Anritsu*

**Discussion:**

r1

Anritsu: Regarding Proposal 2, we are OK to reconsider TT equation. Could you please let me know ideas.

R&S: We agree with P1 and P2. For P3, the SNR is 5dB below the measured level. We have usually avoided this high of a noise level. This is setting a new requirement for noise floor. We need to check if this has an impact to impact of noise.

Anritsu: For the concern from R&S, upper limit will be correctly measured even in red cells, so I think we can consider to withdraw Proposal 3 and skip red cells for lower limit.

Huawei: we have concern regarding P2 because TT=0 only happens when there is a large R at the same time. This is true for minimum output power, but for absolute power tolerance, we are not always measuring at -13dBm. The target power level for absolute power tolerance ranges from 6dBm to 21dBm, for which I believe no relaxation is needed.

Another point that needs further consideration is, the minimum output power is a single-side measurement with MU around 5dB. UE could optimize it’s performance to compliment the impact of MU.

However, the absolute power tolerance is a double-sided measurement with MU around 8dB according to R5-220887. The minimum requirement itself is just +/-12dB for Pmax ≥ P > Pint.

In this case, if the UE’s transmit power is adjusted by a value >4dB, the measurement uncertainty 8dB might bring the final result to >12dB, which means the UE is failed. This is limiting the UE’s allowed tolerance to only 1/3 of the minimum requirement which I think is too strict.

Based on above, we would propose to set a TT=0.9\*MU for absolute power tolerance.

1. The absolute power tolerance requirements includes the impact of both DL link and UL link, therefore is difficult for UE to achieve large performance improvement.

The TT values proposed in RR-220887 is derived by equation considering the DL and UL impact.

2. The absolute power tolerance requirements are double-sided, therefore UE can’t simply improve the performance towards a single direction, and is just stuck in the middle.

Huawei to Orange: As we discussed before, when TT=MU, a borderline UE is expected to pass the test case with acceptable impact from uncertainty.

When TT =0.7\*MU for REFSENS, UE has to improve the performance by 0.3\*MU to pass the test case.

For absolute power tolerance, it’s more difficult for UE to adjust its performance as it needs to ensure the accuracy in both side. So I propose a value higher than the ratio for REFSENS.

Regarding your comment ‘The TT values proposed in RR-220887 is derived by equation considering the DL and UL impact.’, I would say the equation is not using the correct UL TT as I stated in previous email.

Associated CR R5-220888

2/23 FR2 MU GTM#1:

R&S: We agree with P1 and P2. For P3, the SNR is 5dB below the measured level. We have usually avoided this high of a noise level. This is setting a new requirement for noise floor. We need to check if this has an impact to impact of noise.

E///: P1 looks reasonable. This could affect our selection of test points and may have to revisit those.

Huawei: May need more time to consider P2. TT values in some cases are quite small when compared to MU value.

Moderator (AT&T): P1 can be endorsed at this time. Companies to further check on P2 and P3.

2/24: Moderator (AT&T): P3 will no longer be considered based on proponent feedback. P2 is still under discussion.

Revised to: R5-220887r1.

2/28 FR2 MU GTM#2:

E///: We will need to revisit the test points if MU and TT increase. Worried about the higher MU/TT ratio and what the impact on the output power will be.

Orange: Don't agree with the MU/TT factor of 0.9.

HW: Agree with Orange since the MU value is now too large and we need to further discuss testability for this test case.

KS: Following same approach with FR1 on MU. Agree with the values proposed by Anritsu.

R&S: Share the same view with Anritsu and KS.

E///: Maybe we can have an Action Point to check the testability of this test case.

Moderator (AT&T): Do we need an editor's note for the test case to make this clear?

Anritsu: Do we need to send this test case back to incomplete based on the need for further analysis?

Moderator (AT&T): We can continue discussion on the CR and decide on need for an Action Point later in the week. P1 can be endorsed.

HW: P2 is calculating TT based on minimum power. Not appropriate for this test case.

Moderator (AT&T): Modify P2 to use MU value directly and modify CR accordingly. With this update P2 should be able to be endorsed. Will check the revision before conclusion.

Revised from: R5-220887.

Associated CR R5-220888

3/1:

Moderator (AT&T): The test points need to be revisited based on the update. The information in the revision concerning the testability is not confirmed. The effort to revisit the test points can be considered in the CR. With the r1, the paper can be given a final Tdoc and noted. Proposal 1 and Proposal 2 can be endorsed.

Revised to: R5-221627.

Revised from: R5-220887r1.

Noted and Proposal 1 and 2 are endorsed

**Decision:** The document was **revised to R5-221627**.

**R5-221627 Introduction of DL MU for FR2 absolute power tolerance**

*Type: discussion For: Endorsement  
 Source: Anritsu*

(Replaces R5-220887)

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

**R5-220889 Discussion on test procedure for SCell drop issue**

*Type: discussion For: Endorsement  
 Source: Anritsu*

**Abstract:**

"RF AP#90e.23

**Discussion:**

Moderator (Apple) discussion ongoing

Moderator (Apple): Document can be noted (no proposals endorsed)

document Noted"

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

**R5-221135 Discussion on Additional RF requirements for NS\_03U, NS\_05U and NS\_43U**

*Type: discussion For: Endorsement  
 Source: Huawei, Hisilicon*

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

**R5-221164 Discussion on fading crest factor**

*Type: discussion For: Endorsement  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

late doc

r1

Keysight Spain: - Is the intention that proposal 4 replaces proposal 1 and proposal 5 replaces proposal 2?

- Now that 28 GHz and 39 GHz testability is covered, will the LS be sent?

With the new proposal 4 and 5 we are not only removing the additional fading back-off but, even reducing the widely used assumption of 13 dB for signal PAPR.

[QC]: yes, over a year back, we started with signal PAPR of 13 dB and additional 10 dB backoff due to fading. Based on the faded signal simulation results we have revised these assumptions starting with a total backoff of ~18 dB (corresponding to worst case PAPR obtained from joint distribution of faded signal) . Now that we have link level simulation results for the different test scenarios defined in the 38.521-4 spec for different faded signal clipping probabilities, we see no tput degradation for 1e-4/1e-3 signal clipping depending on 64QAM or 256QAM.

Are we willing to go beyond signal PAPR assumptions?

>>[QC]: yes. that’s what simulation results from 2 companies suggest. As we have seen in previous discussions, in the end instead of looking at signal PAPR and PAPR due to fading separately, it is better to look at the joint probability of the faded signal.

Would like to hear your and other company comments if you see a concern in revising these PAPR assumptions.

Do we need to inform RAN4 about it?

[QC]: As we discussed in the GTM, consensus seems to be that we don’t need to inform RAN4 about it. Although Ran4 provided the initial MU analysis, it was Ran5 that took up the MU/TT analysis

• Is the intention that proposal 4 replaces proposal 1 and proposal 5 replaces proposal 2?

[QC]: correct

• Now that 28 GHz and 39 GHz testability is covered, will the LS be sent?

[QC]: Consensus in the GTM session seems to be that LS is not needed. Would like to hear feedback in favor of sending LS to RAN4.

r2

3/1:

R&S: Proposal 4 is acceptable based on our analysis.

Moderator (AT&T): r2 produced after the discussion paper deadline. Only Proposal 4 can be considered based on previous feedback from Anritsu on Proposal 5 (256QAM) and since Proposal 4 was not modified in the r2. The CR can take the outcome of Proposal 4 into consideration. The paper can be given a final Tdoc number and noted. Proposal 4 can be endorsed.

LATE DOCUMENT

RF AP#89e.23

2/23 FR2 MU GTM#1:

E///: This is not performing any link level evaluation and the values are only being measured. Good to hear that additional simulations are in progress. RAN4 SI scope does not include this aspect so this question would not need to be added to the LS.

Anritsu: Only can accept 64QAM at this time. Need more time to check 256QAM by looking at actual device impact.

QC: May be able to extend the RAN SI scope to Demod. Would like Anritsu to clarify the comment on 256QAM.

Moderator (AT&T): Is it acceptable to send an LS to RAN4?

E///: Defer RAN4 LS until further discussion at this meeting.

Revised to: R5-221164r1.

LATE DOCUMENT

Revised from: R5-221164.

RF AP#89e.23

2/28 FR2 MU GTM#2:

KS: The new P4 will replace the previous P1 and the new P5 will replace the previous P2, correct? With the new P4 and P5, we are going beyond the signal PAPR backoff by almost 2dBs. Should we inform RAN4 about this since RAN4 was assuming 13dB PAPR.

QC: Need to fix typo on current working assumption for 64QAM Demod. It should be 17.71dB. To KS, P1 and P2 are superceded by P4 and P5. Yes, we are going beyond the signal clipping margin. Are you requesting the LS to RAN4 to be sent as an FYI?

R&S: For P5, the proposal is different from the Observation. Why is 12.62 selected instead of 15.36 since the proposal was to use the worst case value for Demod and CSI? Need to recheck the values for n259.

QC: The signal power doesn't change. Need to check if the testability table used 15.36 or not. Update P5 to align with worst case.

Anritsu: We can only accept 64QAM at this time. We need to check experimental results align with simulation results.

E///: Thanks for the link-level simulation results. We have 2 companies coming to similar conclusions. We don't think that an LS to RAN4 is required. We should check if we have responded to their LS on n262. For 256QAM, maybe we need one value for Demod and one for CSI to improve the Demod testability. RAN4 TR expects n262 to be 3.5dB worse than what we have today.

QC: Need to check the one CSI test point but we can consider using separate values for Demod and CSI. We agree that RAN4 will not consider the RAN5 values. It would be good to inform RAN4 on n262.

Moderator (AT&T): QC will modify P5 to reflect the comments above and split P6 such that 64QAM and 256QAM are handled separately. P4 may be able to be endorsed but R&S needs time to check the values for n259.

Revised to: R5-221164r2.

LATE DOCUMENT

Revised from: R5-221164r1.

3/1:

R&S: Proposal 4 is acceptable based on our analysis.

Moderator (AT&T): r2 produced after the discussion paper deadline. Only Proposal 4 can be considered based on previous feedback from Anritsu on Proposal 5 (256QAM) and since Proposal 4 was not modified in the r2. The CR can take the outcome of Proposal 4 into consideration. The paper can be given a final Tdoc number and noted. Proposal 4 can be endorsed.

Revised to: R5-221628.

LATE DOCUMENT

r3

Revised from: R5-221164r2.

Noted and Proposal 4 is endorsed

**Decision:** The document was **revised to R5-221628**.

**R5-221628 Discussion on fading crest factor**

*Type: discussion For: Endorsement  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-221164)

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

**R5-221192 Update on RRM issue #8**

*Type: discussion For: Information  
 38.533 v..  
 Source: ROHDE & SCHWARZ*

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

**R5-221249 Discussion on acceptable clipping and testable SNR for FR2 demod**

*Type: discussion For: Endorsement  
 Source: Ericsson*

**Abstract:**

RF AP#89e.23

**Discussion:**

r1.

2/28 FR2 MU GTM#2:

Moderator (AT&T): Ericsson agreed to use QC paper in R5-221164 as baseline. This paper can be given a final Tdoc number and noted.

RF AP#89e.23

Revised to: R5-221249r1.

Revised from: R5-221249.

RF AP#89e.23

2/23 FR2 MU GTM#1:

Anritsu: Only can accept 64QAM at this time. Need more time to check 256QAM.

QC: Can E/// clarify if the proposals include CQI?

E///: Our proposals are only considering Demod and not CQI at this point. Don't see the need to stop and wait for CQI outcome.

Revised to: R5-221249r2.

Revised from: R5-221249r1.

RF AP#89e.23

2/28 FR2 MU GTM#2:

Moderator (AT&T): Ericsson agreed to use QC paper in R5-221164 as baseline. This paper can be given a final Tdoc number and noted.

Revised to: R5-221614.

Revised from: R5-221249r2.

document noted

**Decision:** The document was **revised to R5-221614**.

**R5-221614 Discussion on acceptable clipping and testable SNR for FR2 demod**

*Type: discussion For: Endorsement  
 Source: Ericsson*

(Replaces R5-221249)

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

**R5-221250 Solutions for preventing SCell drop in RAN5 FR2 UL CA test cases**

*Type: discussion For: Endorsement  
 Source: Ericsson*

**Abstract:**

RF AP#90e.23

**Discussion:**

Moderator (Apple) discussion ongoing

Moderator (Apple): Document can be noted (no proposals endorsed)

document Noted"

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

**R5-221253 Discussion on Beam Peak Search procedure in case of intra-band DL CA**

*Type: discussion For: Endorsement  
 38.521-2 v..  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

r1

Proposal endorsed.

**Decision:** The document was **revised to R5-221643**.

**R5-221643 Discussion on Beam Peak Search procedure in case of intra-band DL CA**

*Type: discussion For: Endorsement  
 38.521-2 v..  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-221253)

**Discussion:**

Noted and Proposal1&2 are implemented in CR R5-220258.

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

**R5-221270 On FR2 ON/OFF Time Mask**

*Type: discussion For: Endorsement  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

received comments.

It has been clarified that Proposal 3 is applicable to PC3 and PC1.

Proposal 6 has been reworded and TT derivation clarified.

Anritsu: Proposal 3 is acceptable

RF AP#89e.24

2/22: Offline discussions are occurring.

Revised to: R5-221270r1.

Revised from: R5-221270.

RF AP#89e.24

2/23 FR2 MU GTM#1:

Moderator (AT&T): Given the similarities in the proposals with R5-220884, can we take this paper as the baseline for further discussion? No objections were raised.

Anritsu: Need more time to assess the new P6 and to check relaxation values for P3.

Moderator (AT&T): P1, P2, P4, and P5 can be endorsed. Will come back to P3 and P6.

2/25: Moderator (AT&T): P3 and P6 can now be endorsed based on feedback from Anritsu. Anritsu capture ON/OFF Time Mask outcome to reuse the MU of the MOP test case for the ON power measurement. This paper can be given a final Tdoc number and noted with all of the proposals endorsed.

Revised to: R5-221612.

2/28 FR2 MU GTM#2:

Moderator (AT&T): The 38.903 content will be captured in the HW CR in R5-220782 as opposed to requiring a late Tdoc.

Revised from: R5-221270r1.

Noted and all of the proposals are endorsed

**Decision:** The document was **revised to R5-221612**.

**R5-221612 On FR2 ON/OFF Time Mask**

*Type: discussion For: Endorsement  
 Source: ROHDE & SCHWARZ*

(Replaces R5-221270)

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

**R5-221275 Beam correspondence Measurement Uncertainties and test tolerances derivation**

*Type: discussion For: Endorsement  
 Source: Keysight technologies UK Ltd*

**Abstract:**

Associated CRS in R5-221276 and R5-221277

**Discussion:**

2/23 FR2 MU GTM#1:

Moderator (AT&T): Companies are encouraged to review the corresponding CRs prior to the end of the week. If no updates are required, the CRs will be recommended to be provisionally agreed. This paper can be noted and the proposals can be endorsed.

Noted and proposals are endorsed

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

**R5-221284 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**.

**R5-221285 FR2 RRM test cases: Known Issue List - after RAN5\_94e**

*Type: discussion For: Information  
 Source: Ericsson*

**Abstract:**

Document for tracking FR2 RRM known issues

**Discussion:**

• Issue #10(new) has been assigned to Anritsu.

• One issue have been resolved during RAN5#94e:

o Issue#8, R&S

• 4 issues remain open.

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

**R5-221318 Discussion on handling ETC for FR2 UE RF test scenarios**

*Type: discussion For: Discussion  
 Source: Apple Hungary Kft.*

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

**R5-221319 Discussion on applicability of FR2 single carrier Tx beam peak for UL MIMO Tx test cases**

*Type: discussion For: Endorsement  
 Source: Qualcomm Finland RFFE Oy*

**Abstract:**

Proposes reuse and apply single carrier Tx beam peak for UL MIMO Tx test cases

**Discussion:**

Noted and endorsed P1, P2->Option 1 and P3.

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

#### 5.3.2 Rel-15 LTE CA configurations (UID - 770064) LTE\_CA\_R15-UEConTest

##### 5.3.2.1 TS 36.508

##### 5.3.2.2 TS 36.521-1

**R5-220674 Removing editors note in CA test cases**

*Type: CR For: Agreement  
 36.521-1 v17.1.0 CR-5398 Cat: F (Rel-17)  
  
 Source: DEKRA*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221754**.

**R5-221754 Removing editors note in CA test cases**

*Type: CR For: Agreement  
 36.521-1 v17.1.0 CR-5398 rev 1 Cat: F (Rel-17)  
  
 Source: DEKRA*

(Replaces R5-220674)

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

**R5-220675 Addition of new test case in Annex F.1.5 and Annex F.3.5**

*Type: CR For: Agreement  
 36.521-1 v17.1.0 CR-5399 Cat: F (Rel-17)  
  
 Source: DEKRA*

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

##### 5.3.2.3 TS 36.521-2

##### 5.3.2.4 TS 36.521-3

**R5-220676 Removing editors note in CA test cases**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2610 Cat: F (Rel-16)  
  
 Source: DEKRA*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221755**.

**R5-221755 Removing editors note in CA test cases**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2610 rev 1 Cat: F (Rel-16)  
  
 Source: DEKRA*

(Replaces R5-220676)

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

**R5-220677 Addition of new test case in Annex F.1.2 and Annex F.3.2**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2611 Cat: F (Rel-16)  
  
 Source: DEKRA*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221756**.

**R5-221756 Addition of new test case in Annex F.1.2 and Annex F.3.2**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2611 rev 1 Cat: F (Rel-16)  
  
 Source: DEKRA*

(Replaces R5-220677)

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

##### 5.3.2.5 TS 37.571-1

##### 5.3.2.6 TS 37.571-3

##### 5.3.2.7 TS 37.571-5

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

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

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

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

#### 5.3.3 Rel-16 CA configurations (UID - 810061) LTE\_CA\_R16-UEConTest

##### 5.3.3.1 TS 36.508

##### 5.3.3.2 TS 36.521-1

**R5-220448 Correction of UL CA configurations for CA\_25A-41A,CA\_25A-25A-41A, CA\_25A-41C, CA\_25A-25A-41C and CA\_25A-41D in Table 5.4.2A.1-2**

*Type: CR For: Agreement  
 36.521-1 v17.1.0 CR-5397 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

##### 5.3.3.3 TS 36.521-2

##### 5.3.3.4 TS 36.521-3

##### 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 NR CA and DC; and NR and LTE DC Configurations (UID-830083) NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest

##### 5.3.4.1 TS 38.508-1

**R5-220206 Addition of test frequencies for CA\_n3A-n41A with and without UL configuration**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2188 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-220271 Addition of test frequencies for CA\_n41A-n79A with UL configuration**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2192 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-220309 Correction of NR inter-band CA configurations for CA\_n260-n261 in FR2**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2196 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**R5-220311 Introduction of test frequencies for Rel-16 inter-band EN-DC two band combinations within FR1**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2197 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**R5-220653 Addition of test frequencies for CA\_n41C-n79A with and without UL configuration**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2234 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-220972 Addition of test frequencies for Rel-16 EN-DC configurations**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2265 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, Orange*

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

**R5-221049 Correction of 4.3.1.1.5.48 for test frequencies of CA\_n48\_2A**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2267 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

Correct the test frequencies for CA\_n48(2A) in Table 4.3.1.1.5.48-2.

**Discussion:**

() !

r1

**Decision:** The document was **revised to R5-221757**.

**R5-221757 Correction of 4.3.1.1.5.48 for test frequencies of CA\_n48\_2A**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2267 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-221049)

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

**R5-221176 Introduction of test frequencies for NR CA configurations CA\_n5A-n7A, CA\_n5A-n78A and CA\_n7A-n78A**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2276 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-221186 Introduction of test frequencies for DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A, DC\_28A\_n7A**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2278 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

##### 5.3.4.2 TS 38.508-2

**R5-220205 Addition of NR CA Physical Layer Baseline Implementation Capabilities for R16 CA\_n3A-n41A**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0290 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-220312 Introduction of Rel-16 inter-band EN-DC two band configurations within FR1 for physical layer baseline implementation capabilities**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0292 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**R5-220533 Editorial correction to UE declaration of Bandwidth Class and BCS information**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0293 Cat: F (Rel-17)  
  
 Source: Bureau Veritas*

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

**R5-220973 Addition of physical baseline implementation capabilities for Rel-16 EN-DC configurations**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0303 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, Orange*

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

**R5-221056 Removal of supported BCS for inter-band EN-DC configurations including FR1 and FR2**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0310 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

Removal of supported BCS for inter-band EN-DC configurations including FR1 and FR2

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

**R5-221057 Removal of supported BCS for inter-band EN-DC configurations including FR2**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0311 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

Removal of supported BCS for inter-band EN-DC configurations including FR2

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

**R5-221058 Removal of supported BCS for inter-band EN-DC configurations within FR1**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0312 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

Removal of supported BCS for inter-band EN-DC configurations within FR1

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

##### 5.3.4.3 TS 38.521-1

###### 5.3.4.3.1 Tx Requirements (Clause 6)

**R5-220209 Update Spurious emissions for UE co-existence for CA\_n3A-n41A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1509 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

can't open.

r1

**Decision:** The document was **revised to R5-221758**.

**R5-221758 Update Spurious emissions for UE co-existence for CA\_n3A-n41A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1509 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220209)

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

**R5-220272 Update Spurious emissions for UE co-existence for CA\_n41A-n79A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1517 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

can't open.

r1

**Decision:** The document was **revised to R5-221759**.

**R5-221759 Update Spurious emissions for UE co-existence for CA\_n41A-n79A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1517 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220272)

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

**R5-221051 Correction of 6.2A.1 for UE maximum output power for CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1571 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

Correction of 6.2A.1 for UE maximum output power for CA

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

**R5-221113 Updating General Spurious testing for CA\_n41A-n79A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1577 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

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

**R5-221114 Updating A-MPR for CA testing for CA\_n41A-n79A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1578 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TP in R5-221115

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

**R5-221244 Addition of CA\_n1A-n3A into TC 6.2A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1596 Cat: F (Rel-17)  
  
 Source: China Unicom*

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

###### 5.3.4.3.2 Rx Requirements (Clause 7)

**R5-220208 Update Reference sensitivity test case for CA\_n3A-n41A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1508 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

can't open.

r1

**Decision:** The document was **revised to R5-221760**.

**R5-221760 Update Reference sensitivity test case for CA\_n3A-n41A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1508 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220208)

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

**R5-220360 Introduction of CA\_n5A-n7A reference sensitivity test requirements**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1525 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

TP analysis in R5-220357.

**Discussion:**

r1

Withdrawn since it was introducing IMD for 2 UL CA for CA\_n5A-n7A.

2UL CA is a Rel-17 WI and the CR was for Rel-16.

**Decision:** The document was **revised to R5-221609**.

**R5-221609 Introduction of CA\_n5A-n7A reference sensitivity test requirements**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1525 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-220360)

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

**R5-220361 Introduction of CA\_n5A-n78A reference sensitivity test requirements**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1526 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

TP analysis in R5-220358.

**Discussion:**

r1

**Decision:** The document was **revised to R5-221761**.

**R5-221761 Introduction of CA\_n5A-n78A reference sensitivity test requirements**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1526 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-220361)

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

**R5-220362 Introduction of CA\_n7A-n78A reference sensitivity test requirements**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1527 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

TP analysis in R5-220359.

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

**R5-220758 Introduction of CA\_n5A-n7A and CA\_n7A\_n78A maximum output power test requirements**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1538 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221762**.

**R5-221762 Introduction of CA\_n5A-n7A and CA\_n7A\_n78A maximum output power test requirements**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1538 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-220758)

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

**R5-221350 MSD test configurations modification for US inter-band CA combinations with n77**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1611 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

**Abstract:**

Aligns with agreed R4-2119867

**Discussion:**

corrects typo in band configuration nomenclature as pointed out by CMRI.

r3

**Decision:** The document was **revised to R5-221763**.

**R5-221763 MSD test configurations modification for US inter-band CA combinations with n77**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1611 rev 1 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

(Replaces R5-221350)

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

###### 5.3.4.3.3 Clauses 1-5, Annexes

**R5-220207 Update operating bands and CA configurations for CA\_n3A-n41A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1507 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

can't open.

r1

**Decision:** The document was **revised to R5-221764**.

**R5-221764 Update operating bands and CA configurations for CA\_n3A-n41A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1507 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220207)

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

**R5-220280 Update CA configurations for CA\_n41A-n79A BCS1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1520 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-220876 General updates of clause 5 for R16 CADC configurations**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1553 Cat: F (Rel-17)  
  
 Source: China Unicom, Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221765**.

**R5-221765 General updates of clause 5 for R16 CADC configurations**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1553 rev 1 Cat: F (Rel-17)  
  
 Source: China Unicom, Ericsson*

(Replaces R5-220876)

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

##### 5.3.4.4 TS 38.521-2

###### 5.3.4.4.1 Tx Requirements (Clause 6)

**R5-221062 Update of 6.2A.2 for UE maximum output power reduction for CA**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0701 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Abstract:**

Update of 6.2A.2 for UE maximum output power reduction for CA

**Discussion:**

comments from Anritsu.

r1

**Decision:** The document was **revised to R5-221766**.

**R5-221766 Update of 6.2A.2 for UE maximum output power reduction for CA**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0701 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-221062)

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

**R5-221063 Update of 6.2A.4 for configured transmitted power for CA**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0702 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Abstract:**

Update of 6.2A.4 for configured transmitted power for CA

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

###### 5.3.4.4.2 Rx Requirements (Clause 7)

###### 5.3.4.4.3 Clauses 1-5, Annexes

**R5-220407 Addition of new R16 CA configurations in clause 5**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0691 Cat: F (Rel-16)  
  
 Source: CAICT*

**Discussion:**

wrong AI; late doc

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

##### 5.3.4.5 TS 38.521-3

###### 5.3.4.5.1 Tx Requirements (Clause 6)

**R5-220314 Introduction of Output power requirements for Rel-16 inter-band EN-DC FR1 two band combinations**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1264 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**R5-220315 Introduction of General Spurious emissions requirements for Rel-16 inter-band EN-DC FR1 two band combinations**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1265 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**R5-220316 Introduction of Spurious emissions band UE co-existence requirements for Rel-16 inter-band EN-DC FR1 two band combinations**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1266 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221767**.

**R5-221767 Introduction of Spurious emissions band UE co-existence requirements for Rel-16 inter-band EN-DC FR1 two band combinations**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1266 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-220316)

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

**R5-220897 Correction to test requirement of DC\_xxA\_n41A in 6.5B.3.3.1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1297 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221768**.

**R5-221768 Correction to test requirement of DC\_xxA\_n41A in 6.5B.3.3.1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1297 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-220897)

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

**R5-220951 Correction of General Spurious emissions requirements for Rel-16 inter-band EN-DC FR1 two band combinations**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1300 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221769**.

**R5-221769 Correction of General Spurious emissions requirements for Rel-16 inter-band EN-DC FR1 two band combinations**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1300 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-220951)

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

**R5-221184 Introduction of DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A, DC\_28A\_n7A to general spurious emission test case**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1320 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set for TS 38.521-3.

r1

**Decision:** The document was **revised to R5-221770**.

**R5-221770 Introduction of DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A, DC\_28A\_n7A to general spurious emission test case**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1320 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-221184)

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

**R5-221185 Introduction of DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A, DC\_28A\_n7A to UE co-existence spurious emission test case**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1321 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set for TS 38.521-3.

r1

**Decision:** The document was **revised to R5-221771**.

**R5-221771 Introduction of DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A, DC\_28A\_n7A to UE co-existence spurious emission test case**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1321 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-221185)

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

**R5-221212 Addition of new CADC MPR TC 6.2B.2.4\_1.1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1322 Cat: F (Rel-17)  
  
 Source: Intertek*

**Discussion:**

r1

comments from R&S.

**Decision:** The document was **revised to R5-221772**.

**R5-221772 Addition of new CADC MPR TC 6.2B.2.4\_1.1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1322 rev 1 Cat: F (Rel-17)  
  
 Source: Intertek*

(Replaces R5-221212)

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

###### 5.3.4.5.2 Rx Requirements (Clause 7)

**R5-220322 Adding Reference sensitivity exceptions and MSD test points for Rel-16 inter-band EN-DC FR1 two band combinations**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1267 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**R5-220323 Adding reference sensitivity requirements for Rel-16 inter-band EN-DC FR1 two band combinations**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1268 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**R5-220380 Introduction of DC\_1A-n5A reference sensitivity test requirements**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1273 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

TP analysis in R5-220379.

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

**R5-220382 Introduction of DC\_3A-n5A reference sensitivity test requirements**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1274 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

TP analysis in R5-220381,

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

**R5-220384 Introduction of DC\_7A-n5A reference sensitivity test requirements**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1275 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

TP analysis in R5-220383.

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

**R5-220387 Introduction of DC\_7A-n78A reference sensitivity test requirements**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1276 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

TP analysis in R5-220386.

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

**R5-220390 Introduction of DC\_28A\_n7A-n78A reference sensitivity test requirements**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1277 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

TP analysis in R5-220389.

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

**R5-220759 Introduction of maximum output power test requirements for DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A and DC\_28A\_n7A**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1290 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-221326 Update for 7.3B.2.0 Min Requirements of Ref sensitivity for EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1329 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221773**.

**R5-221773 Update for 7.3B.2.0 Min Requirements of Ref sensitivity for EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1329 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

(Replaces R5-221326)

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

**R5-221329 Update Ref sense for r16 DC combos**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1330 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

**Abstract:**

TP covered in R5-221327

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

###### 5.3.4.5.3 Clauses 1-5, Annexes

**R5-220313 Introduction of Rel-16 inter-band EN-DC two band configurations within FR1**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1263 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**R5-220431 Update to R16 Configuration for DC**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1280 Cat: F (Rel-17)  
  
 Source: Bureau Veritas, Ericsson, Nokia, KDDI*

**Discussion:**

"Author confirmed no overlap/conflicts

Whether DC\_18A-n41A\_n3A could be condiered as part of jumbo CR, it's depends on Proposal 5 of R5-220140 (CMCC)

R5-220140 revised to R5-221397 with all proposals enodorsed"

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

**R5-221362 Update to Rel.16 EN-DC FR2 Band Combination Tables**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1334 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

**Abstract:**

Cleanup to ensure only owned/assigned bands are included in RAN5 specs

**Discussion:**

late doc (1:47)

merged with R5-220429.

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

##### 5.3.4.6 TS 38.521-4

###### 5.3.4.6.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.4.6.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.4.6.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.4.6.4 Clauses 1-4, Annexes

##### 5.3.4.7 TS 38.522

**R5-221213 Addition of applicability for CADC MPR TC 6.2B.2.4\_1.1**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0152 Cat: F (Rel-17)  
  
 Source: Intertek*

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

##### 5.3.4.8 TS 38.533

##### 5.3.4.9 TR 38.903 (NR MU & TT analyses)

##### 5.3.4.10 TR 38.905 (NR Test Points Radio Transmission and Reception)

**R5-220317 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_8A\_n20A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0533 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221774**.

**R5-221774 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_8A\_n20A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0533 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-220317)

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

**R5-220318 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_20A\_n7A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0534 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221775**.

**R5-221775 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_20A\_n7A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0534 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-220318)

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

**R5-220319 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_28A\_n5A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0535 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221776**.

**R5-221776 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_28A\_n5A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0535 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-220319)

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

**R5-220320 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_40A\_n79A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0536 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221777**.

**R5-221777 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_40A\_n79A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0536 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-220320)

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

**R5-220321 Adding Reference sensitivity Test point analysis for Rel-16 inter-band EN-DC FR1 two band combinations**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0537 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**R5-220357 Introduction of reference sensitivity test point analysis for CA\_n5A-n7**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0538 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Related CR for TS 38.521-3 in R5-220360.

**Discussion:**

Withdrawn since it was introducing IMD for 2 UL CA for CA\_n5A-n7A.

2UL CA is a Rel-17 WI and the CR was for Rel-16.

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

**R5-220358 Introduction of reference sensitivity test point analysis for CA\_n5A-n78A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0539 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Related CR for TS 38.521-3 in R5-220361

**Discussion:**

added A to the title (typo).

r1

w/d

merged into R5-221345.

**Decision:** The document was **revised to R5-221621**.

**R5-221621 Introduction of reference sensitivity test point analysis for CA\_n5A-n78A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0539 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-220358)

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

**R5-220359 Introduction of reference sensitivity test point analysis for CA\_n7A-n78A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0540 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Related CR for TS 38.521-3 in R5-220362.

**Discussion:**

first agreed, then withdrawn.

merged into R5-221345.

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

**R5-220377 Introduction of reference sensitivity test point analysis for DC\_1A-n7A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0545 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-220378 Introduction of reference sensitivity test point analysis for DC\_28A\_n7A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0546 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-220379 Introduction of reference sensitivity test point analysis for DC\_1A\_n5A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0547 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Related CR for TS 38.521-3 in R5-220380.

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

**R5-220381 Introduction of reference sensitivity test point analysis for DC\_3A\_n5A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0548 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Related CR for TS 38.521-3 in R5-220382.

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

**R5-220383 Introduction of reference sensitivity test point analysis for DC\_7A-n5A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0549 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Related CR for TS 38.521-3 in R5-220384.

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

**R5-220385 Introduction of reference sensitivity test point analysis for DC\_7A\_n28A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0550 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-220386 Introduction of reference sensitivity test point analysis for DC\_7A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0551 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Related CR for TS 38.521-3 in R5-220387.

**Discussion:**

r1

**Decision:** The document was **revised to R5-221778**.

**R5-221778 Introduction of reference sensitivity test point analysis for DC\_7A\_n78A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0551 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-220386)

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

**R5-220388 Introduction of reference sensitivity test point analysis for DC\_7A\_n5A-n78A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0552 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-220389 Introduction of reference sensitivity test point analysis for DC\_28A\_n7A-n78A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0553 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Related CR for TS 38.521-3 in R5-220390.

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

**R5-221115 Updating TP analysis for FR1 AMPR for CA\_n41A-n79A testing**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0562 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TC in R5-221114

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

**R5-221179 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_1A\_n5A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0567 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set for TS 38.905.

r1

**Decision:** The document was **revised to R5-221779**.

**R5-221779 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_1A\_n5A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0567 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-221179)

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

**R5-221180 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_1A\_n7A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0568 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

see R5-221179.

r1

**Decision:** The document was **revised to R5-221780**.

**R5-221780 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_1A\_n7A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0568 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-221180)

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

**R5-221181 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_3A\_n5A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0569 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

see R5-221179.

r1

**Decision:** The document was **revised to R5-221781**.

**R5-221781 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_3A\_n5A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0569 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-221181)

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

**R5-221182 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_7A\_n5A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0570 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

see R5-221179.

r1

**Decision:** The document was **revised to R5-221782**.

**R5-221782 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_7A\_n5A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0570 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-221182)

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

**R5-221183 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_28A\_n7A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0571 Cat: F (Rel-17)  
  
 Source: Ericsson, Qualcomm*

**Discussion:**

see R5-221179.

r1

**Decision:** The document was **revised to R5-221783**.

**R5-221783 Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_28A\_n7A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0571 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Qualcomm*

(Replaces R5-221183)

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

**R5-221327 TP analysis for ref sensitivity for DC\_2A\_n66A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0577 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

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

**R5-221602 Correction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_8A\_n3A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0580 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

late doc

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

**R5-221603 Correction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_20A\_n3A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0581 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

late doc

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

**R5-221631 Update of spurious emission TP analysis for DC\_3A\_n41A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0583 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

late doc

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

**R5-221632 Update of spurious emission TP analysis for DC\_8A\_n41A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0584 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

late doc

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

**R5-221633 Update of spurious emission TP analysis for DC\_25A\_n41A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0585 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

late doc

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

**R5-221635 Update of spurious emission TP analysis for DC\_39A\_n41A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0586 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

late doc

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

**R5-221636 Update of spurious emission TP analysis for DC\_40A\_n41A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0587 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

late doc

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

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

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

##### 5.3.5.1 TS 36.508

##### 5.3.5.2 TS 36.521-1

##### 5.3.5.3 TS 36.521-2

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

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

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

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

##### 5.3.6.1 TR 37.901-5

**R5-220513 Updates to A.7.1.1.1 and A.9.1.1.1 test points**

*Type: CR For: Agreement  
 37.901-5 v16.6.0 CR-0024 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

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

**R5-220514 Updates to A.7.1.2.1 and A.9.1.2.1**

*Type: CR For: Agreement  
 37.901-5 v16.6.0 CR-0025 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

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

**R5-220515 Updates to A.10 and Annex.11 for Downlink Throughput tests with Variable Reference Channel**

*Type: CR For: Agreement  
 37.901-5 v16.6.0 CR-0026 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

**Discussion:**

filename! ()

r1

**Decision:** The document was **revised to R5-221784**.

**R5-221784 Updates to A.10 and Annex.11 for Downlink Throughput tests with Variable Reference Channel**

*Type: CR For: Agreement  
 37.901-5 v16.6.0 CR-0026 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

(Replaces R5-220515)

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

**R5-220516 Updates to Conclusion**

*Type: CR For: Agreement  
 37.901-5 v16.6.0 CR-0027 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

**Discussion:**

cl. aff.

r2

**Decision:** The document was **revised to R5-221785**.

**R5-221785 Updates to Conclusion**

*Type: CR For: Agreement  
 37.901-5 v16.6.0 CR-0027 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

(Replaces R5-220516)

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

**R5-220517 Updates to Annex.B**

*Type: CR For: Agreement  
 37.901-5 v16.6.0 CR-0028 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

**Discussion:**

cl. aff.

r2

**Decision:** The document was **revised to R5-221786**.

**R5-221786 Updates to Annex.B**

*Type: CR For: Agreement  
 37.901-5 v16.6.0 CR-0028 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm communications-France*

(Replaces R5-220517)

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

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

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

##### 5.3.7.1 TS 38.508-1

**R5-220067 Removal of CBW 40MHz of n25 from Table 4.3.1.0C-1 High Test Channel bandwidths for each NR band, FR1**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2170 Cat: F (Rel-17)  
  
 Source: CAICT*

**Discussion:**

feedback from R&S and T-Mobile.

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

**R5-220094 Correction of test channel bandwidth for n38**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2172 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220541 Introduction of test frequencies for n25 adding CBWs 25MHz, 30MHz, 40MHz**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2204 Cat: F (Rel-17)  
  
 Source: Ericsson, Rohde & Schwarz*

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

**R5-220779 Update of test frequencies for n66 and asymmetric channel bandwidth combination set 1**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2245 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-220890 Correction to test channel bandwidth for n38**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2257 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-221261 Update of mid test channel bandwidth for band n25**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2283 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ, T-Mobile USA Inc.*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221787**.

**R5-221787 Update of mid test channel bandwidth for band n25**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2283 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ, T-Mobile USA Inc.*

(Replaces R5-221261)

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

##### 5.3.7.2 TS 38.508-2

**R5-221006 UE capabilities for completed NR CA configurations CA\_n5A-n7A, CA\_n5A-n78A and CA\_n7A-n78A**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0306 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

##### 5.3.7.3 TS 38.521-1

###### 5.3.7.3.1 Tx Requirements (Clause 6)

**R5-221046 Addition of 6.5.2.3 on new CBW to A-SEM for NS\_04**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1570 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

Addition of 6.5.2.3 on new CBW to A-SEM for NS\_04

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

**R5-221116 Updating minimum requirements for test case 6.2.3 AMPR**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1579 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

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

**R5-221117 Updating test case Additional spurious emissions for NS\_46**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1580 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, Bureau Veritas*

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

**R5-221198 Addition of CBW 70MHz into TC 6.5D**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1591 Cat: F (Rel-17)  
  
 Source: China Unicom*

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

**R5-221245 New channel bandwidth for n25. UL-MIMO.**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1597 Cat: F (Rel-17)  
  
 Source: T-Mobile USA Inc., ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221788**.

**R5-221788 New channel bandwidth for n25. UL-MIMO.**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1597 rev 1 Cat: F (Rel-17)  
  
 Source: T-Mobile USA Inc., ROHDE & SCHWARZ*

(Replaces R5-221245)

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

**R5-221262 Addition of CBHWs 25 MHz, 30 MHz, 40 MHz for n25**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1602 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ, T-Mobile USA Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221789**.

**R5-221789 Addition of CBHWs 25 MHz, 30 MHz, 40 MHz for n25**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1602 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ, T-Mobile USA Inc.*

(Replaces R5-221262)

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

###### 5.3.7.3.2 Rx Requirements (Clause 7)

**R5-220891 Correction to Rx test cases for n38 new CBW 25MHz and 30MHz**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1556 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-221200 Addition of CBW 70MHz into Rx TCs**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1592 Cat: F (Rel-17)  
  
 Source: China Unicom*

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

**R5-221246 New channel bandwidth for n25. refsens and UL-MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1598 Cat: F (Rel-17)  
  
 Source: T-Mobile USA Inc., ROHDE & SCHWARZ*

**Discussion:**

r3

Further applicable WIC: “NR\_lic\_bands\_BW\_R17-UEConTest” to allow 45MHz CBW.

**Decision:** The document was **revised to R5-221790**.

**R5-221790 New channel bandwidth for n25. refsens and UL-MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1598 rev 1 Cat: F (Rel-17)  
  
 Source: T-Mobile USA Inc., ROHDE & SCHWARZ*

(Replaces R5-221246)

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

###### 5.3.7.3.3 Clauses 1-5, Annexes

**R5-220777 General updates of clause 5 for R16 new CBW configurations**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1540 Cat: F (Rel-17)  
  
 Source: China Unicom, ROHDE & SCHWARZ, Huawei, Hisilicon*

**Discussion:**

conflict with and Apple CR R5-221361.

r1

**Decision:** The document was **revised to R5-221791**.

**R5-221791 General updates of clause 5 for R16 new CBW configurations**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1540 rev 1 Cat: F (Rel-17)  
  
 Source: China Unicom, ROHDE & SCHWARZ, Huawei, Hisilicon*

(Replaces R5-220777)

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

##### 5.3.7.4 TS 38.521-2

###### 5.3.7.4.1 Tx Requirements (Clause 6)

**R5-221332 ETC for FR2 RF CA**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0708 Cat: F (Rel-16)  
  
 Source: Apple Hungary Kft.*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221792**.

**R5-221792 ETC for FR2 RF CA**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0708 rev 1 Cat: F (Rel-16)  
  
 Source: Apple Hungary Kft.*

(Replaces R5-221332)

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

###### 5.3.7.4.2 Rx Requirements (Clause 7)

###### 5.3.7.4.3 Clauses 1-5, Annexes

##### 5.3.7.5 TS 38.521-4

###### 5.3.7.5.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.7.5.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.7.5.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.7.5.4 Clauses 1-4, Annexes

##### 5.3.7.6 TS 38.533

##### 5.3.7.7 TS 37.571-1

##### 5.3.7.8 TR 38.903 ((NR MU & TT analyses)

##### 5.3.7.9 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

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

##### 5.3.8.1 TS 38.508-1

**R5-221292 Addition of Setup Diagram for RRM multicell 2x2 test cases**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2287 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Connection diagram for RRM 2x2 configuration

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

##### 5.3.8.2 TS 38.508-2

**R5-221293 Addition of Condition for FR1 DL Interruptions test cases applicability**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0316 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Applicability condittion for DL interruptions test cases

**Discussion:**

r1

**Decision:** The document was **revised to R5-221793**.

**R5-221793 Addition of Condition for FR1 DL Interruptions test cases applicability**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0316 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-221293)

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

##### 5.3.8.3 TS 38.521-1

###### 5.3.8.3.1 Tx Requirements (Clause 6)

**R5-220350 Addition of UE co-existence requirements for band n18 to TS 38.521-1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1523 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO INC.*

**Discussion:**

will come back in next meeting.

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

**R5-220351 Addition of UE co-existence requirements for band n40 to TS 38.521-1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1524 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO INC., KDDI Corporation*

**Discussion:**

reissued as R5-221388 because of title change

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

**R5-221388 Addition of UE co-existence requirements for band n18**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1615 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO INC., KDDI Corporation*

**Abstract:**

reissued from R5-220351 because of title change

**Discussion:**

did not re-instate the withdrawn R5-220350 instead.

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

**R5-220752 Updating on additional UE co-ex requirements for 2 Band UL CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1536 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO INC.*

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

**R5-220753 Updating on n74 co-existence for TS 38.521-1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1537 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO INC.*

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

**R5-221118 Updating test case AMPR for MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1581 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221794**.

**R5-221794 Updating test case AMPR for MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1581 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-221118)

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

**R5-221119 Updating UTRA ACLR for UL MIMO Rel-16 onward for NS\_100**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1582 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

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

**R5-221120 Updating Additional spurious emissions for UL MIMO Rel-16 onward for several bands**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1583 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

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

**R5-221121 Updating 6.1A for intra-band contiguous CA Outer1 RB allocation**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1584 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

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

**R5-221122 Updating test case 6.2A.2 MPR for intra-band non-contiguous CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1585 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TP in R5-221123

**Discussion:**

Author confirmed no overlap/conflicts

CAICT: conflicts with discussion paper R5-220059 proposal and CR R5-220405; More test poit mismatch between MPR and ACLR"

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

**R5-221124 Updating Absolute power tolerance for intra-band non-contiguous CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1586 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TP in R5-221125

**Discussion:**

cl. aff.

r1

**Decision:** The document was **revised to R5-221795**.

**R5-221795 Updating Absolute power tolerance for intra-band non-contiguous CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1586 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-221124)

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

**R5-221126 Updating FR1 ACLR for intra-band CA test case**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1587 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TP in R5-221127

**Discussion:**

r1

**Decision:** The document was **revised to R5-221796**.

**R5-221796 Updating FR1 ACLR for intra-band CA test case**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1587 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-221126)

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

**R5-221128 Updating FR1 Spectrum emission mask for intra-band CA test case**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1588 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TP in R5-221129

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

**R5-221130 Updating Relative power control tolerance testing for intra-band CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1589 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

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

**R5-221339 A-MPR updates for n77**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1610 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Nokia*

**Discussion:**

was wrong AI.

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

###### 5.3.8.3.2 Rx Requirements (Clause 7)

###### 5.3.8.3.3 Clauses 1-5, Annexes

##### 5.3.8.4 TS 38.521-3

###### 5.3.8.4.1 Tx Requirements (Clause 6)

###### 5.3.8.4.2 Rx Requirements (Clause 7)

###### 5.3.8.4.3 Clauses 1-5, Annexes

##### 5.3.8.5 TS 38.522

**R5-221294 Addition of FR1 DL Interruptions test cases applicability**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0153 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Applicability of DL interruptions test cases

**Discussion:**

r1

**Decision:** The document was **revised to R5-221797**.

**R5-221797 Addition of FR1 DL Interruptions test cases applicability**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0153 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-221294)

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

##### 5.3.8.6 TS 38.533

**R5-221297 Addition of Minimum conformance requirements for DL interruptions at switching between two uplink carriers**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1739 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Minimum conformance requirements for DL interruptions at switching between two uplink carriers

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

**R5-221298 Addition of UL switching test case 6.5.7.1**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1740 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

New test case

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

**R5-221299 Addition of UL switching test case 6.5.7.2**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1741 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

New test case

**Discussion:**

r1

**Decision:** The document was **revised to R5-221798**.

**R5-221798 Addition of UL switching test case 6.5.7.2**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1741 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-221299)

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

**R5-221300 Cell configuration mapping for UL switching test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1742 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Cell confiduration for UL switching test cases

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

##### 5.3.8.7 TR 38.903 (NR MU & TT analyses)

##### 5.3.8.8 TR 38.905 (NR Test Points Radio Transmission and Reception)

**R5-221123 Updating TP analysis for FR1 MPR for intra-band CA test case**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0563 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TC in R5-221122

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

**R5-221125 Updating TP analysis for FR1 Absolute power tolerance CA test case**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0564 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TC in R5-221124

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

**R5-221127 Updating TP analysis for FR1 ACLR for intra-band CA test case**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0565 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TC in R5-221126

**Discussion:**

deferred.

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

**R5-221129 Updating TP analysis for FR1 SEM for intra-band CA test case**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0566 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

TC in R5-221128

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

##### 5.3.8.9 TS 36.521-3

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

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

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

##### 5.3.9.1 TS 36.508

##### 5.3.9.2 TS 36.521-2

**R5-220348 Add applicability of new feMob RRM test cases**

*Type: CR For: Agreement  
 36.521-2 v16.11.0 CR-0975 Cat: F (Rel-16)  
  
 Source: ZTE Corporation, Huawei, HiSilicon*

**Discussion:**

r1

R5-220825 merged into this doc.

**Decision:** The document was **revised to R5-221799**.

**R5-221799 Add applicability of new feMob RRM test cases**

*Type: CR For: Agreement  
 36.521-2 v16.11.0 CR-0975 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation, Huawei, HiSilicon*

(Replaces R5-220348)

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

**R5-220825 Addition of test applicability of DAPS handover test cases**

*Type: CR For: Agreement  
 36.521-2 v16.11.0 CR-0976 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

was wrong AI.

w/d.

Changes merged into R5-220348.

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

**R5-221312 Addition conditional handover test cases applicability**

*Type: CR For: Agreement  
 36.521-2 v16.11.0 CR-0978 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Applicability of CHO test cases

**Discussion:**

r1

**Decision:** The document was **revised to R5-221800**.

**R5-221800 Addition conditional handover test cases applicability**

*Type: CR For: Agreement  
 36.521-2 v16.11.0 CR-0978 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-221312)

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

##### 5.3.9.3 TS 36.521-3

**R5-220337 Addition of new feMob test case 5.1.42**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2598 Cat: F (Rel-16)  
  
 Source: ZTE, Tejet, SRTC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221801**.

**R5-221801 Addition of new feMob test case 5.1.42**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2598 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE, Tejet, SRTC*

(Replaces R5-220337)

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

**R5-220338 Addition of new feMob test case 5.1.43**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2599 Cat: F (Rel-16)  
  
 Source: ZTE, Tejet, SRTC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221802**.

**R5-221802 Addition of new feMob test case 5.1.43**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2599 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE, Tejet, SRTC*

(Replaces R5-220338)

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

**R5-220339 Addition of new feMob test case 5.1.44**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2600 Cat: F (Rel-16)  
  
 Source: ZTE, Tejet, SRTC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221803**.

**R5-221803 Addition of new feMob test case 5.1.44**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2600 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE, Tejet, SRTC*

(Replaces R5-220339)

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

**R5-220340 Addition of new feMob test case 5.1.45**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2601 Cat: F (Rel-16)  
  
 Source: ZTE, SRTC, Tejet*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221804**.

**R5-221804 Addition of new feMob test case 5.1.45**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2601 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE, SRTC, Tejet*

(Replaces R5-220340)

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

**R5-220341 Addition of new feMob test case 5.1.46**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2602 Cat: F (Rel-16)  
  
 Source: ZTE, SRTC, Tejet*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221805**.

**R5-221805 Addition of new feMob test case 5.1.46**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2602 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE, SRTC, Tejet*

(Replaces R5-220341)

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

**R5-220342 Addition of new feMob test case 5.1.53**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2603 Cat: F (Rel-16)  
  
 Source: ZTE, SRTC, Tejet*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221806**.

**R5-221806 Addition of new feMob test case 5.1.53**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2603 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE, SRTC, Tejet*

(Replaces R5-220342)

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

**R5-220343 Addition of new feMob test case 5.1.54**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2604 Cat: F (Rel-16)  
  
 Source: ZTE, SRTC, Tejet*

**Discussion:**

correct Table nr.

r1

**Decision:** The document was **revised to R5-221807**.

**R5-221807 Addition of new feMob test case 5.1.54**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2604 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE, SRTC, Tejet*

(Replaces R5-220343)

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

**R5-220344 Addition of new feMob test case 5.1.55**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2605 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221808**.

**R5-221808 Addition of new feMob test case 5.1.55**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2605 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-220344)

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

**R5-220345 Addition of new feMob test case 5.1.56**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2606 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221809**.

**R5-221809 Addition of new feMob test case 5.1.56**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2606 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-220345)

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

**R5-220346 Addition of new feMob test case 5.1.57**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2607 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221810**.

**R5-221810 Addition of new feMob test case 5.1.57**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2607 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-220346)

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

**R5-220347 Addition of new feMob test case 5.1.58**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2608 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221811**.

**R5-221811 Addition of new feMob test case 5.1.58**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2608 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-220347)

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

**R5-220824 Addition of 5.1.41 inter-frequency DAPS handover**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2612 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

was wrong AI.

The RAN4 CR R4-2205324 is revised to R4-2206834 and endorsed.

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

**R5-221305 Addition of Intra frequency conditional handover Test Case 5.1.47**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2613 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

New test case

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

**R5-221306 Addition of Intra frequency conditional handover Test Case 5.1.48**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2614 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

New test case

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

**R5-221307 Addition of Inter frequency conditional handover Test Case 5.1.49**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2615 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

New test case

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

**R5-221308 Addition of Inter frequency conditional handover Test Case 5.1.50**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2616 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

New test case

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

**R5-221309 Addition of Inter frequency conditional handover Test Case 5.1.51**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2617 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

New test case

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

**R5-221310 Addition of Inter frequency conditional handover Test Case 5.1.52**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2618 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

New test case

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

**R5-221311 Addition of cell configuration mapping for conditional handover test cases in Annex E**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2619 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Cell confiduration for CHO test cases

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

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

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

#### 5.3.10 NR Mobility Enhancements (UID-880068) NR\_Mob\_enh-UEConTest

##### 5.3.10.1 TS 38.508-1

##### 5.3.10.2 TS 38.508-2

##### 5.3.10.3 TS 38.522

##### 5.3.10.4 TS 38.533

**R5-220096 Correction to Mob\_enh RRM TC 6.3.1.11 - inter-band sync DAPS HO including test tolerance**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1578 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

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

**R5-220097 Correction to Mob\_enh RRM TC 6.3.1.12 - inter-band async DAPS HO including test tolerance**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1579 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

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

**R5-220136 Correction to Annex F for Mob\_enh RRM TCs**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1582 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

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

**R5-220719 Correction to Mob\_enh RRM TC 7.3.1.4 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1619 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r4

**Decision:** The document was **revised to R5-221645**.

**R5-221645 Correction to Mob\_enh RRM TC 7.3.1.4 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1619 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220719)

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

**R5-220720 Correction to Mob\_enh RRM TC 7.3.1.5 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1620 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

r4

**Decision:** The document was **revised to R5-221646**.

**R5-221646 Correction to Mob\_enh RRM TC 7.3.1.5 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1620 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220720)

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

**R5-220721 Correction to Mob\_enh RRM TC 7.3.3.1 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1621 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204854

**Discussion:**

r1

**Decision:** The document was **revised to R5-221812**.

**R5-221812 Correction to Mob\_enh RRM TC 7.3.3.1 with TT**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1621 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220721)

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

**R5-220722 Correction to Annex F for Mob\_enh RRM TCs**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1622 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204854

**Discussion:**

cover 5GS!

r1

**Decision:** The document was **revised to R5-221813**.

**R5-221813 Correction to Annex F for Mob\_enh RRM TCs**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1622 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220722)

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

##### 5.3.10.5 TR 38.903 (NR MU & TT analyses)

**R5-220151 TT analysis for Mob\_enh RRM TC 6.3.1.9+6.3.1.10**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0281 Cat: F (Rel-16)  
  
 Source: China Telecommunications,huawei*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221647**.

**R5-221647 TT analysis for Mob\_enh RRM TC 6.3.1.9+6.3.1.10**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0281 rev 1 Cat: F (Rel-16)  
  
 Source: China Telecommunications,huawei*

(Replaces R5-220151)

**Discussion:**

db: Rel-17->16

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

**R5-220152 TT analysis for Mob\_enh RRM TC 6.3.1.11+6.3.1.12**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0282 Cat: F (Rel-16)  
  
 Source: China Telecommunications,Huawei*

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

**R5-220153 TT analysis for Mob\_enh RRM TC 6.3.1.11+6.3.1.12**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0283 Cat: F (Rel-16)  
  
 Source: China Telecommunications,Huawei*

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

**R5-220154 TT analysis for Mob\_enh RRM TC 6.3.1.11+6.3.1.12**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0284 Cat: F (Rel-16)  
  
 Source: China Telecommunications,Huawei*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221648**.

**R5-221648 TT analysis for Mob\_enh RRM TC 6.3.1.11+6.3.1.12**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0284 rev 1 Cat: F (Rel-16)  
  
 Source: China Telecommunications,Huawei*

(Replaces R5-220154)

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

**R5-220723 TT analysis for Mob\_enh RRM TCs 7.3.1.4 and 7.3.1.5**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0290 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

cover 5GS!

r1

**Decision:** The document was **revised to R5-221649**.

**R5-221649 TT analysis for Mob\_enh RRM TCs 7.3.1.4 and 7.3.1.5**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0290 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220723)

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

**R5-220724 TT analysis for Mob\_enh RRM TCs 7.3.3.1**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0291 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204854

**Discussion:**

cover 5GS!

r1

**Decision:** The document was **revised to R5-221814**.

**R5-221814 TT analysis for Mob\_enh RRM TCs 7.3.3.1**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0291 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220724)

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

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

#### 5.3.11 5G V2X with NR sidelink (UID-880069) 5G\_V2X\_NRSL\_eV2XARC-UEConTest

##### 5.3.11.1 TS 38.508-1

**R5-220725 Addition of default configuration for NR SL RRM test**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2237 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204850

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

**R5-220788 Addition of V2X connection diagram**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2246 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-220789 Update to NR sidelink preconfiguration**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2247 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

TF160 offline comment.

r2

**Decision:** The document was **revised to R5-221815**.

**R5-221815 Update to NR sidelink preconfiguration**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2247 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220789)

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

**R5-220790 Update to GNSS configuration for NR sidelink**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2248 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221816**.

**R5-221816 Update to GNSS configuration for NR sidelink**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2248 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220790)

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

##### 5.3.11.2 TS 38.508-2

##### 5.3.11.3 TS 38.509

##### 5.3.11.4 TS 38.521-1

###### 5.3.11.4.1 Tx Requirements (Clause 6)

**R5-220083 Introduction of new V2X test cases in 6.3E.2**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1492 Cat: F (Rel-17)  
  
 Source: CAICT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221817**.

**R5-221817 Introduction of new V2X test cases in 6.3E.2**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1492 rev 1 Cat: F (Rel-17)  
  
 Source: CAICT*

(Replaces R5-220083)

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

**R5-220784 Update to NR V2X test cases with non-concurrent operation**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1542 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221818**.

**R5-221818 Update to NR V2X test cases with non-concurrent operation**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1542 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220784)

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

**R5-220785 Addition of 6.2E.2.2 MPR for concurrent opration**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1543 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TP in R5-220786

**Discussion:**

r1

**Decision:** The document was **revised to R5-221819**.

**R5-221819 Addition of 6.2E.2.2 MPR for concurrent opration**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1543 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220785)

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

###### 5.3.11.4.2 Rx Requirements (Clause 7)

**R5-220084 Introduction of new V2X test cases in 7.6E**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1493 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220085 Introduction of new V2X test cases in 7.7E**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1494 Cat: F (Rel-17)  
  
 Source: CAICT*

**Discussion:**

first agreed, then r1

based on comment from Huawei.

**Decision:** The document was **revised to R5-221820**.

**R5-221820 Introduction of new V2X test cases in 7.7E**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1494 rev 1 Cat: F (Rel-17)  
  
 Source: CAICT*

(Replaces R5-220085)

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

**R5-220086 Introduction of new V2X test cases in 7.8E**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1495 Cat: F (Rel-17)  
  
 Source: CAICT*

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

###### 5.3.11.4.3 Clauses 1-5, Annexes

##### 5.3.11.5 TS 38.521-3

###### 5.3.11.5.1 Tx Requirements (Clause 6)

**R5-220539 Addition of 6.4E.1 Frequency error for V2X**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1283 Cat: F (Rel-17)  
  
 Source: TTA*

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

**R5-220540 Addition of 6.4E.2.1 Error Vector Magnitude for V2X**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1284 Cat: F (Rel-17)  
  
 Source: TTA*

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

###### 5.3.11.5.2 Rx Requirements (Clause 7)

**R5-220087 Introduction of new V2X test cases in 7.6E**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1257 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220088 Introduction of new V2X test cases in 7.7E**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1258 Cat: F (Rel-17)  
  
 Source: CAICT*

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

**R5-220089 Introduction of new V2X test cases in 7.8E**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1259 Cat: F (Rel-17)  
  
 Source: CAICT*

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

###### 5.3.11.5.3 Clauses 1-5, Annexes

##### 5.3.11.6 TS 38.521-4

###### 5.3.11.6.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.11.6.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.11.6.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.11.6.4 Clauses 1-4, Annexes

##### 5.3.11.7 TS 38.522

**R5-220787 Update to test applicability for V2X test cases**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0144 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

##### 5.3.11.8 TS 38.533

**R5-220726 Addition of band group for NR SL RRM test**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1623 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

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

**R5-220727 Addition of minimum requirements for NR SL UE Tx timing TCs**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1624 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

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

**R5-220728 Addition of NR SL RRM TC 9.1.1.1 - Tx Timing GNSS**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1625 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204852

**Discussion:**

"RAN4 dependent draftCR R4-2204852 revised to R4-2207092 (Endorsed)

RAN4 verdict pending"

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

**R5-220729 Addition of NR SL RRM TC 9.1.1.2 - Tx Timing SyncRef UE**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1626 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204852

**Discussion:**

"RAN4 dependent draftCR R4-2204852 revised to R4-2207092 (Endorsed)

RAN4 verdict pending"

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

**R5-220730 Addition of NR SL RRM TC 9.1.1.3 - Tx Timing NR Cell**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1627 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204852

**Discussion:**

"RAN4 dependent draftCR R4-2204852 revised to R4-2207092 (Endorsed)

RAN4 verdict pending"

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

**R5-220731 Addition of minimum requirements for NR SL S-SSB Tx TCs**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1628 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

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

**R5-220732 Addition of NR SL RRM TC 9.1.2.1 - SLSS Tx NR Cell**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1629 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204852

**Discussion:**

r1

**Decision:** The document was **revised to R5-221821**.

**R5-221821 Addition of NR SL RRM TC 9.1.2.1 - SLSS Tx NR Cell**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1629 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220732)

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

**R5-220733 Addition of NR SL RRM TC 9.1.2.2 - SLSS Tx SyncRef UE**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1630 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204852

**Discussion:**

r1

**Decision:** The document was **revised to R5-221822**.

**R5-221822 Addition of NR SL RRM TC 9.1.2.2 - SLSS Tx SyncRef UE**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1630 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220733)

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

**R5-220734 Addition of minimum requirements for NR SL SyncRef reselection TCs**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1631 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

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

**R5-220735 Addition of NR SL RRM TC 9.1.3.1 - SyncRef reselection GNSS**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1632 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204852

**Discussion:**

r1

**Decision:** The document was **revised to R5-221823**.

**R5-221823 Addition of NR SL RRM TC 9.1.3.1 - SyncRef reselection GNSS**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1632 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220735)

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

**R5-220736 Addition of NR SL RRM TC 9.1.3.2 - SyncRef reselection Cell**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1633 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204852

**Discussion:**

r1

**Decision:** The document was **revised to R5-221824**.

**R5-221824 Addition of NR SL RRM TC 9.1.3.2 - SyncRef reselection Cell**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1633 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220736)

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

**R5-220737 Addition of minimum requirements for NR SL L1 SL-RSRP TCs**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1634 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

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

**R5-220738 Addition of NR SL RRM TC 9.1.4.1 - Resource sensing**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1635 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204852

**Discussion:**

"RAN4 dependent draftCR R4-2204852 revised to R4-2207092 (Endorsed)

RAN4 verdict pending"

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

**R5-220739 Addition of NR SL RRM TC 9.1.4.2 - Resource pre-emption**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1636 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204852

**Discussion:**

r1

**Decision:** The document was **revised to R5-221825**.

**R5-221825 Addition of NR SL RRM TC 9.1.4.2 - Resource pre-emption**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1636 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220739)

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

**R5-220740 Addition of NR SL RRM TC 9.1.4.3 - Resource re-evaluation**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1637 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204852

**Discussion:**

r1

**Decision:** The document was **revised to R5-221826**.

**R5-221826 Addition of NR SL RRM TC 9.1.4.3 - Resource re-evaluation**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1637 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220740)

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

**R5-220741 Addition of minimum requirements for NR SL Congestion control TCs**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1638 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

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

**R5-220742 Addition of NR SL RRM TC 9.1.5.1 - SL-RSSI con-current**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1639 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204852

**Discussion:**

"RAN4 dependent draftCR R4-2204852 revised to R4-2207092 (Endorsed)

RAN4 verdict pending"

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

**R5-220743 Addition of NR SL RRM TC 9.1.5.2 - SL-RSSI PC5 only**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1640 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204852

**Discussion:**

r1

**Decision:** The document was **revised to R5-221827**.

**R5-221827 Addition of NR SL RRM TC 9.1.5.2 - SL-RSSI PC5 only**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1640 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220743)

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

**R5-220744 Addition of minimum requirements for NR SL interruption TCs**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1641 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

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

**R5-220745 Addition of NR SL RRM TC 9.1.6.1 - WAN interruption**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1642 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204852

**Discussion:**

"RAN4 dependent draftCR R4-2204852 revised to R4-2207092 (Endorsed)

RAN4 verdict pending"

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

**R5-220746 Addition of RMC for NR SL RRM test in Annex A**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1643 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204850

**Discussion:**

r1

**Decision:** The document was **revised to R5-221828**.

**R5-221828 Addition of RMC for NR SL RRM test in Annex A**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1643 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

(Replaces R5-220746)

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

**R5-220747 Addition of side conditions for NR SL RRM test in Annex B**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1644 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

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

**R5-220748 Correction to Annex E for NR SL RRM TCs**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1645 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

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

**R5-220749 Correction to Annex G for NR SL RRM TCs**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1646 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

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

##### 5.3.11.9 TS 36.509

##### 5.3.11.10 TR 38.903 (NR MU & TT analyses)

##### 5.3.11.11 TR 38.905 (NR Test Points Radio Transmission and Reception)

**R5-220786 TP analysis for 6.2E.2.2 MPR for concurrent opration**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0557 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-220785

**Discussion:**

R5-xx

r1

**Decision:** The document was **revised to R5-221829**.

**R5-221829 TP analysis for 6.2E.2.2 MPR for concurrent opration**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0557 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220786)

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

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

#### 5.3.12 Enhancements on MIMO for NR (UID-880070) NR\_eMIMO-UEConTest

##### 5.3.12.1 TS 38.508-1

**R5-220797 Addition of connection diagram for 16Tx**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2249 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-220808 Update to MAC-CellGroupConfig**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2250 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

##### 5.3.12.2 TS 38.508-2

**R5-220999 Addition of physical implementation capability for L1-SINR measurement**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0304 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Sporton*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221830**.

**R5-221830 Addition of physical implementation capability for L1-SINR measurement**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0304 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Sporton*

(Replaces R5-220999)

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

##### 5.3.12.3 TS 38.521-1

###### 5.3.12.3.1 Tx Requirements (Clause 6)

**R5-220639 Editorial, correction of clause numbering in test case 6.5D.2.4.1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1532 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-220642 Addition of test case, 6.5D.2\_1.4.1, NR ACLR for UL MIMO (Rel-16 onward)**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1533 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

w/d

new test case may not be needed.

**Decision:** The document was **revised to R5-221616**.

**R5-221616 Addition of test case, 6.5D.2\_1.4.1, NR ACLR for UL MIMO (Rel-16 onward)**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1533 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-220642)

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

###### 5.3.12.3.2 Rx Requirements (Clause 7)

###### 5.3.12.3.3 Clauses 1-5, Annexes

##### 5.3.12.4 TS 38.521-2

###### 5.3.12.4.1 Tx Requirements (Clause 6)

**R5-220791 Update to 6.2D.1 for ULFPTx**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0693 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TP in R5-220794

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

**R5-220792 Update to 6.2D.2 for ULFPTx**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0694 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TP in R5-220795

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

**R5-220793 Update to 6.2D.4 for ULFPTx**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0695 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

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

###### 5.3.12.4.2 Rx Requirements (Clause 7)

###### 5.3.12.4.3 Clauses 1-5, Annexes

##### 5.3.12.5 TS 38.521-3

###### 5.3.12.5.1 Tx Requirements (Clause 6)

###### 5.3.12.5.2 Rx Requirements (Clause 7)

###### 5.3.12.5.3 Clauses 1-5, Annexes

##### 5.3.12.6 TS 38.521-4

###### 5.3.12.6.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-220796 Update to eMIMO demod test cases**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0478 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Pending discussion on minimum test time R5-220811

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

###### 5.3.12.6.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.12.6.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.12.6.4 Clauses 1-4, Annexes

##### 5.3.12.7 TS 38.522

**R5-220948 Addition of test applicability for UE Enhancements on MIMO**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0146 Cat: F (Rel-17)  
  
 Source: Sporton*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221831**.

**R5-221831 Addition of test applicability for UE Enhancements on MIMO**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0146 rev 1 Cat: F (Rel-17)  
  
 Source: Sporton*

(Replaces R5-220948)

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

**R5-221000 Addition of test applicability for L1-SINR measurement cases**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0148 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Jumbo CR

**Discussion:**

r1

**Decision:** The document was **revised to R5-221832**.

**R5-221832 Addition of test applicability for L1-SINR measurement cases**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0148 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-221000)

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

##### 5.3.12.8 TS 38.533

**R5-220798 Update to 5.5.5.0 FR2 BFD minimum requirements**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1647 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-220799 Addition of 5.5.5.6 FR2 SCell BFD in non-DRX for NSA**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1648 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TT in R5-220807

**Discussion:**

r1

**Decision:** The document was **revised to R5-221833**.

**R5-221833 Addition of 5.5.5.6 FR2 SCell BFD in non-DRX for NSA**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1648 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220799)

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

**R5-220800 Addition of 5.5.5.7 FR2 SCell BFD in DRX for NSA**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1649 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TT in R5-220807

**Discussion:**

r1

**Decision:** The document was **revised to R5-221834**.

**R5-221834 Addition of 5.5.5.7 FR2 SCell BFD in DRX for NSA**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1649 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220800)

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

**R5-220801 Update to 7.5.5.0 FR2 BFD minimum requirements**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1650 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-220802 Addition of 7.5.5.6 FR2 SCell BFD in non-DRX for SA**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1651 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TT in R5-220807

**Discussion:**

r1

**Decision:** The document was **revised to R5-221835**.

**R5-221835 Addition of 7.5.5.6 FR2 SCell BFD in non-DRX for SA**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1651 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220802)

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

**R5-220803 Addition of 7.5.5.7 FR2 SCell BFD in DRX for SA**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1652 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TT in R5-220807

**Discussion:**

r1

**Decision:** The document was **revised to R5-221836**.

**R5-221836 Addition of 7.5.5.7 FR2 SCell BFD in DRX for SA**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1652 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220803)

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

**R5-220804 Update to Annex E for eMIMO test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1653 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-220805 Update to Annex F for eMIMO test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1654 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TT in R5-220807

**Discussion:**

r2

**Decision:** The document was **revised to R5-221837**.

**R5-221837 Update to Annex F for eMIMO test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1654 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220805)

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

**R5-220806 Update to Annex H for eMIMO test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1655 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221838**.

**R5-221838 Update to Annex H for eMIMO test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1655 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220806)

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

**R5-220942 Addition of new test case 7.7.6.1 NR SA FR2 CSI-RS based CMR and no dedicated IMR configured and CSI-RS resource set with repetition off L1-SINR measurement accuracy**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1682 Cat: F (Rel-17)  
  
 Source: Sporton*

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

**R5-220943 Addition of new test case 7.7.6.2 NR SA FR2 SSB based CMR and dedicated IMR L1-SINR measurement accuracy**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1683 Cat: F (Rel-17)  
  
 Source: Sporton*

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

**R5-220944 Addition of new test case 7.7.6.3 NR SA FR2 CSI-RS based CMR and dedicated IMR L1-SINR measurement accuracy**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1684 Cat: F (Rel-17)  
  
 Source: Sporton*

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

**R5-220945 Completion 4.5.5.5 including TT anaysis results**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1685 Cat: F (Rel-17)  
  
 Source: Sporton*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221650**.

**R5-221650 Completion 4.5.5.5 including TT anaysis results**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1685 rev 1 Cat: F (Rel-17)  
  
 Source: Sporton*

(Replaces R5-220945)

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

**R5-220946 Completion 4.5.5.6 including TT anaysis results**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1686 Cat: F (Rel-17)  
  
 Source: Sporton*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221651**.

**R5-221651 Completion 4.5.5.6 including TT anaysis results**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1686 rev 1 Cat: F (Rel-17)  
  
 Source: Sporton*

(Replaces R5-220946)

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

**R5-220947 Addition of cell configuration MU and TT for Enhancement on MIMO**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1687 Cat: F (Rel-17)  
  
 Source: Sporton*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221652**.

**R5-221652 Addition of cell configuration MU and TT for Enhancement on MIMO**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1687 rev 1 Cat: F (Rel-17)  
  
 Source: Sporton*

(Replaces R5-220947)

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

**R5-220986 Update of 4.6.7.1 EN-DC FR1 CSI-RS based CMR and no dedicated IMR L1-SINR measurement in non-DRX**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1688 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TT analysis in R5-220994

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

**R5-220987 Update of 4.6.7.2 EN-DC FR1 SSB based CMR and dedicated IMR L1-SINR measurement in DRX**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1689 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TT analysis in R5-220995

**Discussion:**

r1

**Decision:** The document was **revised to R5-221653**.

**R5-221653 Update of 4.6.7.2 EN-DC FR1 SSB based CMR and dedicated IMR L1-SINR measurement in DRX**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1689 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220987)

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

**R5-220988 Update of 4.6.7.3 EN-DC FR1 CSI-RS based CMR and dedicated IMR L1-SINR measurement in DRX**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1690 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TT analysis in R5-220996

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

**R5-220989 Update of 6.6.8.1 NR SA FR1 CSI-RS based CMR and no dedicated IMR L1-SINR measurement in DRX**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1691 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TT analysis in R5-220994

RAN4 dependent

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

**R5-220990 Update of 6.6.8.2 NR SA FR1 SSB based CMR and dedicated IMR L1-SINR measurement in non-DRX**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1692 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TT analysis in R5-220997

**Discussion:**

r1

**Decision:** The document was **revised to R5-221654**.

**R5-221654 Update of 6.6.8.2 NR SA FR1 SSB based CMR and dedicated IMR L1-SINR measurement in non-DRX**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1692 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220990)

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

**R5-220991 Update of 6.6.8.3 NR SA FR1 CSI-RS based CMR and dedicated IMR L1-SINR measurement in non-DRX**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1693 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TT analysis in R5-220998

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

**R5-220992 Update of Annex for EN-DC FR1 L1-SINR measurement test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1694 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-220993 Update of Annex for NR SA FR1 L1-SINR measurement test cases**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1695 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-221001 Correction to Annex H.3.6A RRC messages for L1-SINR measurement**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1696 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-221002 Update of RRM Test Cases for UE Enhancements on MIMO**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1697 Cat: F (Rel-17)  
  
 Source: Sporton*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221839**.

**R5-221839 Update of RRM Test Cases for UE Enhancements on MIMO**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1697 rev 1 Cat: F (Rel-17)  
  
 Source: Sporton*

(Replaces R5-221002)

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

##### 5.3.12.9 TR 38.903 (NR MU & TT analyses)

**R5-220807 Addition of TT analysis for FR2 BFR test cases**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0293 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-220799, R5-220800, R5-220802, R5-220803, R5-220805

**Discussion:**

r1

**Decision:** The document was **revised to R5-221840**.

**R5-221840 Addition of TT analysis for FR2 BFR test cases**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0293 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220807)

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

**R5-220994 Addition of test tolerance analysis for 4.6.7.1 and 6.6.8.1 EN-DC and NR SA CSI-RS based L1-SINR measurement**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0295 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-220986, R5-220989

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

**R5-220995 Addition of test tolerance analysis for 4.6.7.2 EN-DC SSB based L1-SINR measurement**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0296 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-220987

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

**R5-220996 Addition of test tolerance analysis for 4.6.7.3 EN-DC CSI-RS based L1-SINR measurement**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0297 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-220988

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

**R5-220997 Addition of test tolerance analysis for 6.6.8.2 NR SA SSB based L1-SINR measurement**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0298 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-220990

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

**R5-220998 Addition of test tolerance analysis for 6.6.8.3 NR SA CSI-RS based L1-SINR measurement**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0299 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-220991

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

##### 5.3.12.10 TR 38.905 (NR Test Points Radio Transmission and Reception)

**R5-220645 Addition of TP analysis for test case 6.5D.2\_1.4 in 38.905**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0554 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

first agreed, then withdrawn.

new test case may not be needed.

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

**R5-220794 TP analysis for 6.2D.1 for ULFPTx**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0558 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-220791

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

**R5-220795 TP analysis for 6.2D.2 for ULFPTx**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0559 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-220792

**Discussion:**

r1

**Decision:** The document was **revised to R5-221841**.

**R5-221841 TP analysis for 6.2D.2 for ULFPTx**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0559 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220795)

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

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

#### 5.3.13 UE Power Saving in NR (UID-880071) NR\_UE\_pow\_sav-UEConTest

##### 5.3.13.1 TS 38.508-1

##### 5.3.13.2 TS 38.508-2

**R5-220750 Correction to PICS for PS TCs**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0296 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

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

##### 5.3.13.3 TS 38.521-4

###### 5.3.13.3.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-220751 Correction to PS Demod TC 5.3.2.1.3**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0476 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Abstract:**

RAN4 dependency: R4-2204744

**Discussion:**

"RAN4 dependent draftCR R4-2205744 revised to R4-2207260 (Endorsed)

RAN4 verdict pending"

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

**R5-220936 Editorial correction to 5.3.3.1.3 and 5.3.3.2.3**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0493 Cat: F (Rel-16)  
  
 Source: Anritsu*

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

###### 5.3.13.3.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.13.3.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.13.3.4 Clauses 1-4, Annexes

##### 5.3.13.4 TS 38.522

##### 5.3.13.5 TS 38.533

##### 5.3.13.6 TR 38.903

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

#### 5.3.14 Cross Link Interference (CLI) handling for NR (UID-890047) NR\_CLI-UEConTest

##### 5.3.14.1 TS 38.508-1

##### 5.3.14.2 TS 38.508-2

##### 5.3.14.3 TS 38.522

##### 5.3.14.4 TS 38.533

**R5-220282 Test case update for FR1 CLI-RSSI measurement with non-DRX**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1588 Cat: F (Rel-17)  
  
 Source: Qualcomm Tech. Netherlands B.V*

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

**R5-220283 Annexure update for test tolerance for FR1 CLI-RSSI measurement with non-DRX**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1589 Cat: F (Rel-17)  
  
 Source: Qualcomm Tech. Netherlands B.V*

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

##### 5.3.14.5 TR 38.903 (NR MU & TT analyses)

**R5-220281 Test Tolerance analysis for FR1 CLI-RSSI measurement with non-DRX**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0285 Cat: F (Rel-16)  
  
 Source: Qualcomm Tech. Netherlands B.V*

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

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

#### 5.3.15 NR performance requirement enhancement (UID-890048) NR\_perf\_enh-UEConTest

##### 5.3.15.1 TS 38.508-1

**R5-220762 Addition of connection diagram for 16Tx, 2Rx**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2240 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

##### 5.3.15.2 TS 38.508-2

##### 5.3.15.3 TS 38.521-4

###### 5.3.15.3.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-220417 Correction on Type I PMI test cases**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0455 Cat: F (Rel-16)  
  
 Source: China Telecom*

**Discussion:**

first agreed, then r1

**Decision:** The document was **revised to R5-221842**.

**R5-221842 Correction on Type I PMI test cases**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0455 rev 1 Cat: F (Rel-16)  
  
 Source: China Telecom*

(Replaces R5-220417)

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

**R5-220419 Addition of FR1 CA CQI test cases**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0456 Cat: F (Rel-16)  
  
 Source: China Telecom*

**Discussion:**

r1

comments from QC and Ericsson.

**Decision:** The document was **revised to R5-221843**.

**R5-221843 Addition of FR1 CA CQI test cases**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0456 rev 1 Cat: F (Rel-16)  
  
 Source: China Telecom*

(Replaces R5-220419)

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

**R5-220420 Addition of applicability for FR1 CA CQI test requirements**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0457 Cat: F (Rel-16)  
  
 Source: China Telecom*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221844**.

**R5-221844 Addition of applicability for FR1 CA CQI test requirements**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0457 rev 1 Cat: F (Rel-16)  
  
 Source: China Telecom*

(Replaces R5-220420)

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

**R5-220685 Addition of test case 5.2.3.2.4\_1, 4Rx TDD FR1 PDSCH Mapping Type A and LTE-NR coexistence performance - 4x4 MIMO with baseline receiver for both SA and NSA**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0474 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221845**.

**R5-221845 Addition of test case 5.2.3.2.4\_1, 4Rx TDD FR1 PDSCH Mapping Type A and LTE-NR coexistence performance - 4x4 MIMO with baseline receiver for both SA and NSA**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0474 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-220685)

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

**R5-220686 Correcting test applicability for EN-DC, rel-16 to rel-15**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0475 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**R5-220764 Updating test case 6.3.2.2.3, 2Rx TDD FR1 Single PMI with 16Tx Type1 - SinglePanel codebook for both SA and NSA**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0477 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**R5-221153 Update to FR1 CA normal PDSCH test cases**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0494 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Abstract:**

dependent draftCR R4-2206118

**Discussion:**

RAN4 draftCR is now agreed.

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

**R5-221154 Update to FR1 CA power imbalance test cases**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0495 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

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

**R5-221156 Introduction of FR1 CA SDR test case**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0497 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221846**.

**R5-221846 Introduction of FR1 CA SDR test case**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0497 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-221156)

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

**R5-221157 Introduction of FR1 CA CQI reporting test case**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0498 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

changes are contained in R5-220419.

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

###### 5.3.15.3.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

**R5-220422 Addition of FR2 CA CQI test cases**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0458 Cat: F (Rel-16)  
  
 Source: China Telecom*

**Discussion:**

first agreed, then r1.

based on comments from QC.

**Decision:** The document was **revised to R5-221847**.

**R5-221847 Addition of FR2 CA CQI test cases**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0458 rev 1 Cat: F (Rel-16)  
  
 Source: China Telecom*

(Replaces R5-220422)

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

**R5-220423 Addition of applicability for FR2 CA CQI test requirements**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0459 Cat: F (Rel-16)  
  
 Source: China Telecom*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221848**.

**R5-221848 Addition of applicability for FR2 CA CQI test requirements**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0459 rev 1 Cat: F (Rel-16)  
  
 Source: China Telecom*

(Replaces R5-220423)

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

**R5-221155 Update to FR2 CA normal PDSCH test cases**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0496 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Abstract:**

dependent draftCR R4-2206118

**Discussion:**

RAN4 draftCR is now agreed.

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

###### 5.3.15.3.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

5.3.15.3.4 Clauses 1-4, Annexes

**R5-220684 Addition of new RMCs to Annex**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0473 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

##### 5.3.15.4 TS 38.522

**R5-220040 Updated the Test case conditions and selection criteria for TDD DSS NR bands n38, n48, n90**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0130 Cat: F (Rel-17)  
  
 Source: CMCC*

**Abstract:**

The related CR is R5-220041.

D0XX in Table 4.0-2 and Table 4.1.4-1 needs to be allocated with hard number.

**Discussion:**

r2

**Decision:** The document was **revised to R5-221849**.

**R5-221849 Updated the Test case conditions and selection criteria for TDD DSS NR bands n38, n48, n90**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0130 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220040)

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

**R5-220418 Addition of FR1 CA CQI test cases applicability**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0137 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

first agreed, then r1

**Decision:** The document was **revised to R5-221850**.

**R5-221850 Addition of FR1 CA CQI test cases applicability**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0137 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecom*

(Replaces R5-220418)

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

**R5-220421 Addition of FR2 CA CQI test cases applicability**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0138 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

first agreed, then r1

**Decision:** The document was **revised to R5-221851**.

**R5-221851 Addition of FR2 CA CQI test cases applicability**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0138 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecom*

(Replaces R5-220421)

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

**R5-220757 Addition of new performance enhancement test case in 38.522**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0143 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-221152 Applicability of NR perf enh WI test cases**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0151 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

Requested to defer the verdict to include applicability from other companies contributing to the NR perf enh WI in this meeting.

r1

**Decision:** The document was **revised to R5-221852**.

**R5-221852 Applicability of NR perf enh WI test cases**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0151 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-221152)

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

##### 5.3.15.5 TR 38.903 (NR MU & TT analyses)

##### 5.3.15.6 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

#### 5.3.16 NR support for high speed train scenario (UID-900050) NR\_HST-UEConTest

##### 5.3.16.1 TS 38.508-1

##### 5.3.16.2 TS 38.508-2

**R5-220165 Addition of UE capability for maximum number of activated TCI states**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0286 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221853**.

**R5-221853 Addition of UE capability for maximum number of activated TCI states**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0286 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220165)

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

##### 5.3.16.3 TS 38.521-4

###### 5.3.16.3.1 Conducted Demod Performance and CSI Reporting Requirements (Clause 5)

**R5-220634 Updates to HST test case 5.2.3.1.9\_1**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0463 Cat: F (Rel-16)  
  
 Source: CMCC*

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

**R5-220635 Updates to HST test case 5.2.3.1.10\_1**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0464 Cat: F (Rel-16)  
  
 Source: CMCC*

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

**R5-220664 Editorial change for the position of clause 5.2.3.1.9 and 5.2.3.1.10**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0469 Cat: F (Rel-16)  
  
 Source: CMCC*

**Abstract:**

Editorial

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

**R5-220672 Addition of test case 5.2.3.2.10\_1, 4Rx TDD FR1 HST DPS performance - 2x4 MIMO with baseline receiver for both SA and NSA**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0470 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

was R17 in 3GU.

r1

**Decision:** The document was **revised to R5-221854**.

**R5-221854 Addition of test case 5.2.3.2.10\_1, 4Rx TDD FR1 HST DPS performance - 2x4 MIMO with baseline receiver for both SA and NSA**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0470 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-220672)

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

**R5-220678 Correcting applicability part of HST test cases in 38.521-4**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0471 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**R5-220881 Correction to HST Demod TC 5.2.2.1.9\_1 - HST-SFN**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0490 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

fully covered by R5-221169.

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

**R5-221169 Update to HST Demod test cases**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0502 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Abstract:**

depends on discussion paper R5-221168

**Discussion:**

deferred.

r1

**Decision:** The document was **revised to R5-221855**.

**R5-221855 Update to HST Demod test cases**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0502 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-221169)

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

###### 5.3.16.3.2 Clauses 1-4, Annexes

**R5-220636 Addition of HST test case 5.2.3.1.9\_1 to annex F**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0465 Cat: F (Rel-16)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221856**.

**R5-221856 Addition of HST test case 5.2.3.1.9\_1 to annex F**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0465 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC*

(Replaces R5-220636)

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

**R5-220637 Addition of HST test case 5.2.3.1.10\_1 to annex F**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0466 Cat: F (Rel-16)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221857**.

**R5-221857 Addition of HST test case 5.2.3.1.10\_1 to annex F**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0466 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC*

(Replaces R5-220637)

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

**R5-220651 Editorial correction for test case title in Annex F**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0468 Cat: F (Rel-16)  
  
 Source: CMCC*

**Abstract:**

Editorial

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

##### 5.3.16.4 TS 38.522

**R5-220166 Update of RRM test case applicability - Note 1 removal**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0134 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-220169 Correction of HST test case applicability**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0135 Cat: F (Rel-17)  
  
 Source: CMCC, Anritsu*

**Abstract:**

Related CR: R5-220165

**Discussion:**

first agreed, then r1

r2

**Decision:** The document was **revised to R5-221858**.

**R5-221858 Correction of HST test case applicability**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0135 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC, Anritsu*

(Replaces R5-220169)

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

**R5-220663 Update of HST Demod test case applicability - Note 1 removal**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0140 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-220673 Correcting applicability of HST test cases in 38.522**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0142 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-220680 Adding new HST test cases to 38.522**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0472 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

reissued as R5-221371 because of wrong spec.

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

**R5-221371 Adding new HST test cases**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0158 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

reissued from R5-220680 because of wrong spec.

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

##### 5.3.16.5 TS 38.533

**R5-220167 Updates to RRM HST Test Case 6.6.1.7**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1584 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-220168 Updates to RRM HST Test Case 6.6.4.5**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1585 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-220879 Correction to NR SA FR1 cell re-selection for UE configured with highSpeedMeasFlag-r16**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1656 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

TT is specified for NR SA FR1 cell re-selection for UE configured with highSpeedMeasFlag-r16 (6.1.1.7)

Associated CR for TR38.903 R5-220880

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set for TS 38.533.

r1

**Decision:** The document was **revised to R5-221655**.

**R5-221655 Correction to NR SA FR1 cell re-selection for UE configured with highSpeedMeasFlag-r16**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1656 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-220879)

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

**R5-220920 Correction to DRX setting of 8.4.2.9**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1662 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220922 Correction to DRX setting of 4.6.4.5 and 6.6.4.5**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1664 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221859**.

**R5-221859 Correction to DRX setting of 4.6.4.5 and 6.6.4.5**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1664 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-220922)

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

**R5-220928 Correction to NR-EUTRA and EUTRA-NR reselection with high speed**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1669 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220931 Correction to SMTC configuration in 6.1.1.7**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1672 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220938 Correction to DRX setting of 6.6.1.7**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1678 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220939 Correction to message exception of 4.6.1.7**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1679 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220940 Correction to test procedure for 8.2.1.2**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1680 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-220941 Correction to SIB1 message exceptions of 4.6.1.7 and 4.6.4.5**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1681 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

##### 5.3.16.6 TS 36.508

##### 5.3.16.7 TR 38.903 (NR MU & TT analyses)

**R5-220880 Add Test Tolerance analyses for NR SA FR1 cell re-selection for UE configured with highSpeedMeasFlag-r16 Test cases**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0294 Cat: F (Rel-16)  
  
 Source: Anritsu*

**Abstract:**

Add the attached zip files to TR 38.903:

•‘’38.533 6.1.1.7 TT’’

Associated CR for TS38.533 R5-220879

**Discussion:**

None of the CR impact tick boxes for UICC apps, ME, RAN or CN shall be set for TS 38.533.

r1

**Decision:** The document was **revised to R5-221656**.

**R5-221656 Add Test Tolerance analyses for NR SA FR1 cell re-selection for UE configured with highSpeedMeasFlag-r16 Test cases**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0294 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu*

(Replaces R5-220880)

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

**R5-221286 Test Tolerance analysis for E-UTRA - NR FR1 Cell reselection tests for HST**

*Type: CR For: Agreement  
 38.903 v16.10.1 CR-0302 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

Test tolerance analysis correction

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

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

**R5-221168 Discussion on minimum test time for HST Demod scenarios**

*Type: discussion For: Endorsement  
 Source: Qualcomm CDMA Technologies*

**Abstract:**

Associated CR R5-221169

**Discussion:**

late doc

RF session#2 : CR in R5-221169 , Add Doc Tag HSt\_Strat

E// requesting more time to check.

Huawei: can we consisder abs tput for Tput vs SNR convergence

CMCC: update Annex G with the test time analyzed in this paper.

No other concerns , document can noted and proposals endorsed by end of first week if no further changes needed.

Qualcomm: would like to defer this document since I plan to revise my paper by end of this week with more simulation data

r1

**Decision:** The document was **revised to R5-221662**.

**R5-221662 Discussion on minimum test time for HST Demod scenarios**

*Type: discussion For: Endorsement  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-221168)

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

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

##### 5.3.17.1 TS 38.508-1

##### 5.3.17.2 TS 38.508-2

##### 5.3.17.3 TS 38.521-2

###### 5.3.17.3.1 Tx Requirements (Clause 6)

###### 5.3.17.3.2 Rx Requirements (Clause 7)

###### 5.3.17.3.3 Clauses 1-5, Annexes

##### 5.3.17.4 TS 38.521-4

###### 5.3.17.4.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.17.4.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.17.4.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.17.4.4 Clauses 1-4, Annexes

##### 5.3.17.5 TS 38.522

##### 5.3.17.6 TR 38.903 (NR MU & TT analyses)

##### 5.3.17.7 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

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

##### 5.3.18.1 TS 38.508-1

##### 5.3.18.2 TS 38.508-2

##### 5.3.18.3 TS 38.521-4

###### 5.3.18.3.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-220813 Update to 5.2.x.y.5 PDSCH with 1e-5 BLER**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0480 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

first agreed, then r1

**Decision:** The document was **revised to R5-221860**.

**R5-221860 Update to 5.2.x.y.5 PDSCH with 1e-5 BLER**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0480 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220813)

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

**R5-220814 Update to 5.2.x.y.6 PDSCH with repetitions over multiple slots**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0481 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Pending discussion on minimum test time R5-220811

**Discussion:**

first agreed, then r1

**Decision:** The document was **revised to R5-221861**.

**R5-221861 Update to 5.2.x.y.6 PDSCH with repetitions over multiple slots**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0481 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220814)

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

**R5-220815 Update to 5.2.x.y.7 PDSCH mapping type B**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0482 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

RAN4 dependency

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

**R5-220816 Update to 5.2.2.y.8 PDSCH pre-emption**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0483 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

2.x

r2

**Decision:** The document was **revised to R5-221862**.

**R5-221862 Update to 5.2.2.y.8 PDSCH pre-emption**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0483 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220816)

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

**R5-220817 Addition of 5.2.3.1.8 PDSCH pre-emption 4Rx FDD**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0484 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

New test case

**Discussion:**

r2

**Decision:** The document was **revised to R5-221863**.

**R5-221863 Addition of 5.2.3.1.8 PDSCH pre-emption 4Rx FDD**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0484 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220817)

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

**R5-220818 Addition of 5.2.3.2.8 PDSCH pre-emption 4Rx TDD**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0485 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

New test case

**Discussion:**

r2

**Decision:** The document was **revised to R5-221864**.

**R5-221864 Addition of 5.2.3.2.8 PDSCH pre-emption 4Rx TDD**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0485 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220818)

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

###### 5.3.18.3.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

**R5-220820 Adding testability description of 7.2.2.2.2 and 7.2.2.2.3**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0487 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

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

**R5-220821 Addition of 7.2.2.2.2 FR2 PDSCH repetition**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0488 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

New test case, Pending discussion on minimum test time R5-220811

**Discussion:**

r1

**Decision:** The document was **revised to R5-221865**.

**R5-221865 Addition of 7.2.2.2.2 FR2 PDSCH repetition**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0488 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220821)

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

**R5-220822 Addition of 7.2.2.2.3 FR2 PDSCH mapping Type B**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0489 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

New test case

**Discussion:**

R5-xx

r2

**Decision:** The document was **revised to R5-221866**.

**R5-221866 Addition of 7.2.2.2.3 FR2 PDSCH mapping Type B**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0489 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220822)

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

###### 5.3.18.3.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.18.3.4 Clauses 1-4, Annexes

**R5-220812 Addition of minimum test time for 1% residual BLER**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0479 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Pending discussion on minimum test time R5-220811

**Discussion:**

cl. aff.

r3

**Decision:** The document was **revised to R5-221867**.

**R5-221867 Addition of minimum test time for 1% residual BLER**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0479 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220812)

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

**R5-220819 Update to Annex F for URLLC test cases**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0486 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221868**.

**R5-221868 Update to Annex F for URLLC test cases**

*Type: CR For: Agreement  
 38.521-4 v16.10.0 CR-0486 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220819)

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

##### 5.3.18.4 TS 38.522

**R5-220823 Update to test applicability for URLLC test cases**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0145 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

##### 5.3.18.5 TR 38.903 (NR MU & TT analyses)

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

**R5-220811 Discussion on minimum test time for 1% residual BLER**

*Type: discussion For: Discussion  
 38.521-4 v..  
 Source: Huawei, HiSilicon*

**Abstract:**

CR in R5-220812, R5-220814, R5-220821, R5-220796

**Discussion:**

r2

Noted without anything endorsed.

**Decision:** The document was **revised to R5-221663**.

**R5-221663 Discussion on minimum test time for 1% residual BLER**

*Type: discussion For: Discussion  
 38.521-4 v..  
 Source: Huawei, HiSilicon*

(Replaces R5-220811)

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

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

##### 5.3.19.1 TS 38.508-1

**R5-220760 Introduction of test frequencies for n5 adding CBW 25MHz**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2238 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-220761 Editorial corrections for NR CA configuration CA\_n48B**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2239 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-221132 Updating channel bandwidths for NR band n97**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2271 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

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

**R5-221133 Updating test frequencies for NR band n97**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2272 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

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

**R5-221134 Updating test frequencies for NR band n1**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2273 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

offline comments from Ericsson and Anritsu.

r1

**Decision:** The document was **revised to R5-221869**.

**R5-221869 Updating test frequencies for NR band n1**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2273 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-221134)

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

##### 5.3.19.2 TS 38.508-2

##### 5.3.19.3 TS 38.521-1

###### 5.3.19.3.1 Tx Requirements (Clause 6)

**R5-221209 Updating MPR minimum requirement for NR band n97**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1593 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

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

###### 5.3.19.3.2 Rx Requirements (Clause 7)

**R5-221259 Update of R17 new CBW 45M into refsense TC**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1601 Cat: F (Rel-17)  
  
 Source: China Unicom, T-Mobile USA Inc., ROHDE & SCHWARZ, Anritsu*

**Abstract:**

further applicable WIC：NR\_bands\_BW\_R16-UEConTest

**Discussion:**

r1

The test requirement and minimum conformance requirement of R5-220891 and R5-221246 is merged into here.

r2

**Decision:** The document was **revised to R5-221870**.

**R5-221870 Update of R17 new CBW 45M into refsense TC**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1601 rev 1 Cat: F (Rel-17)  
  
 Source: China Unicom, T-Mobile USA Inc., ROHDE & SCHWARZ, Anritsu*

(Replaces R5-221259)

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

###### 5.3.19.3.3 Clauses 1-5, Annexes

**R5-220878 General updates of clause 5 for R17 new CBW configurations**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1555 Cat: F (Rel-17)  
  
 Source: China Unicom, Huawei, Hisilicon*

**Discussion:**

merged into R5-220777r1.

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

##### 5.3.19.4 TS 38.521-2

###### 5.3.19.4.1 Tx Requirements (Clause 6)

###### 5.3.19.4.2 Rx Requirements (Clause 7)

###### 5.3.19.4.3 Clauses 1-5, Annexes

##### 5.3.19.5 TS 38.521-4

###### 5.3.19.5.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.19.5.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.19.5.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.19.5.4 Clauses 1-4, Annexes

##### 5.3.19.6 TS 38.533

##### 5.3.19.7 TR 38.903 ((NR MU & TT analyses)

##### 5.3.19.8 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

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

##### 5.3.20.1 TS 38.508-1

**R5-220170 Add test frequencies for R17 NR inter-band CA configurations in FR1**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2185 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221871**.

**R5-221871 Add test frequencies for R17 NR inter-band CA configurations in FR1**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2185 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

(Replaces R5-220170)

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

**R5-220198 Addition of test frequencies for NE-DC configurations DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2187 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221872**.

**R5-221872 Addition of test frequencies for NE-DC configurations DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2187 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220198)

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

**R5-220374 Introduction of test frequencies for additional Rel-17 EN-DC inter-band configurations**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2198 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Ericsson*

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

**R5-220503 Update of protocol testing applicability for inter-band FR1 EN-DC configurations with NR CA non-contiguous**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2201 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

resolves conflict with Huawei CR in R5-220974.

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

**R5-220508 Update of protocol testing applicability for 3CC inter-band NR DC configurations**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2202 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221873**.

**R5-221873 Update of protocol testing applicability for 3CC inter-band NR DC configurations**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2202 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-220508)

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

**R5-220643 Introduction of test frequencies for n2 adding CBWs 25MHz, 30MHz, 40MHz**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2232 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-220771 Introduction of test frequencies for CA\_n66(2A) BCS1 and BCS2**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2242 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-220860 Introducing Rel-17 2 band CA configurations for n24 and n41 to clause 4.3.1**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2254 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

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

**R5-220861 Introducing Rel-17 2 band CA configurations for n24 and n48 to clause 4.3.1**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2255 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

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

**R5-220862 Introducing Rel-17 2 band CA configurations for n24 and n77 to clause 4.3.1**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2256 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

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

**R5-220950 Addition of several NR CA combinations to FR1 inter-band configurations table**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2261 Cat: F (Rel-17)  
  
 Source: WE Certification Oy, DISH Network*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221874**.

**R5-221874 Addition of several NR CA combinations to FR1 inter-band configurations table**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2261 rev 1 Cat: F (Rel-17)  
  
 Source: WE Certification Oy, DISH Network*

(Replaces R5-220950)

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

**R5-220974 Correction to applicability for protocol testing for inter-band EN-DC configurations**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2266 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, China Unicom*

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

##### 5.3.20.2 TS 38.508-2

**R5-220195 Introduction of new R17 NR inter-band CA configurations in FR1**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0288 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221875**.

**R5-221875 Introduction of new R17 NR inter-band CA configurations in FR1**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0288 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

(Replaces R5-220195)

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

**R5-220199 Update Physical Layer Baseline Implementation Capabilities for NE-DC**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0289 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-220864 Introducing Rel-17 2 band CA configurations for n24 and n41 to clause A.4.3.2A.4.1**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0299 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

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

**R5-220865 Introducing Rel-17 2 band CA configurations for n24 and n48 to clause A.4.3.2A.4.1**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0300 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

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

**R5-220866 Introducing Rel-17 2 band CA configurations for n24 and n77 to clause A.4.3.2A.4.1**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0301 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

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

**R5-220952 Addition of applicability tables of several NR CA combinations to FR1 inter-band configurations**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0302 Cat: F (Rel-17)  
  
 Source: WE Certification Oy, DISH Network*

**Discussion:**

first agreed, then r1

**Decision:** The document was **revised to R5-221876**.

**R5-221876 Addition of applicability tables of several NR CA combinations to FR1 inter-band configurations**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0302 rev 1 Cat: F (Rel-17)  
  
 Source: WE Certification Oy, DISH Network*

(Replaces R5-220952)

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

**R5-221330 Introduction of UE capabilities for Rel-17 EN-DC configurations**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0317 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Ericsson, Qualcomm*

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

##### 5.3.20.3 TS 38.521-1

###### 5.3.20.3.1 Tx Requirements (Clause 6)

**R5-220270 Update of R17 NR inter-band CA Tx requirements within FR1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1519 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221877**.

**R5-221877 Update of R17 NR inter-band CA Tx requirements within FR1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1519 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

(Replaces R5-220270)

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

**R5-220870 Updating MOP and Configured Tx Power TCs for CA\_n24A-n41A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1547 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

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

**R5-220871 Updating MOP and Configured Tx Power TCs for CA\_n24A-n48A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1548 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

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

**R5-220872 Updating MOP and Configured Tx Power TCs for CA\_n24A-n77A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1549 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

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

###### 5.3.20.3.2 Rx Requirements (Clause 7)

**R5-220284 Update of R17 NR inter-band CA Rx requirements within FR1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1521 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Discussion:**

r3

**Decision:** The document was **revised to R5-221878**.

**R5-221878 Update of R17 NR inter-band CA Rx requirements within FR1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1521 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

(Replaces R5-220284)

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

**R5-220873 Updating reference sensitvity test requirement for CA combination of n24 and n41**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1550 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

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

**R5-220874 Updating Delta\_RIB\_c and reference sensitvity test requirement for CA combination of n24 and n48**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1551 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

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

**R5-220875 Updating Delta\_RIB\_c and reference sensitvity test requirement for CA combination of n24 and n77**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1552 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221879**.

**R5-221879 Updating Delta\_RIB\_c and reference sensitvity test requirement for CA combination of n24 and n77**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1552 rev 1 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

(Replaces R5-220875)

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

**R5-220953 Addition of several CA combinations to Reference Sensitivity test case**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1569 Cat: F (Rel-17)  
  
 Source: WE Certification Oy, DISH Network*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221880**.

**R5-221880 Addition of several CA combinations to Reference Sensitivity test case**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1569 rev 1 Cat: F (Rel-17)  
  
 Source: WE Certification Oy, DISH Network*

(Replaces R5-220953)

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

###### 5.3.20.3.3 Clauses 1-5, Annexes

**R5-220197 Update of R17 NR inter-band CA configurations within FR1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1501 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Discussion:**

r1

Will be merged into R5-220877r1.

**Decision:** The document was **revised to R5-221600**.

**R5-221600 Update of R17 NR inter-band CA configurations within FR1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1501 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

(Replaces R5-220197)

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

**R5-220867 Introducing Rel-17 2 band CA configurations for n24 and n41 to clause 5**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1544 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

**Discussion:**

merged in R5-220877r1.

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

**R5-220868 Introducing Rel-17 2 band CA configurations for n24 and n48 to clause 5**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1545 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

**Discussion:**

merged in R5-220877r1.

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

**R5-220869 Introducing Rel-17 2 band CA configurations for n24 and n77 to clause 5**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1546 Cat: F (Rel-17)  
  
 Source: Ligado Networks*

**Discussion:**

merged in R5-220877r1.

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

**R5-220877 General updates of clause 5 for R17 CADC configurations**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1554 Cat: F (Rel-17)  
  
 Source: China Unicom, WE Certification, Dish Network, China Telecommunications, Ligado Networks*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221881**.

**R5-221881 General updates of clause 5 for R17 CADC configurations**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1554 rev 1 Cat: F (Rel-17)  
  
 Source: China Unicom, WE Certification, Dish Network, China Telecommunications, Ligado Networks*

(Replaces R5-220877)

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

**R5-221131 Updating clause 5.2C for R17 SUL configurations**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1590 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221882**.

**R5-221882 Updating clause 5.2C for R17 SUL configurations**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1590 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-221131)

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

##### 5.3.20.4 TS 38.521-2

###### 5.3.20.4.1 Tx Requirements (Clause 6)

###### 5.3.20.4.2 Rx Requirements (Clause 7)

###### 5.3.20.4.3 Clauses 1-5, Annexes

##### 5.3.20.5 TS 38.521-3

###### 5.3.20.5.1 Tx Requirements (Clause 6)

**R5-220369 Update general spurious emissions 6.5B.3.3.1 for 4 Rel-17 ENDC combos**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1270 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Qualcomm, Ericsson*

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

**R5-220371 Update for 6.5B.3.3.2 Spurious emission band UE co-existence for 4 Rel-17 combos**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1271 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Qualcomm, Ericsson*

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

**R5-220375 Update Tx TC for 4 Rel-17 combos**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1272 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Qualcomm, Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221883**.

**R5-221883 Update Tx TC for 4 Rel-17 combos**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1272 rev 1 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Qualcomm, Ericsson*

(Replaces R5-220375)

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

**R5-220766 Update Tx test cases for DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1291 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

late doc

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

###### 5.3.20.5.2 Rx Requirements (Clause 7)

**R5-221173 Update Rx test cases for DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1319 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

late doc

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

**R5-221316 Update Rx Requirements for 4 Rel-17 ENDC combos**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1325 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Qualcomm, Ericsson*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221884**.

**R5-221884 Update Rx Requirements for 4 Rel-17 ENDC combos**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1325 rev 1 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Qualcomm, Ericsson*

(Replaces R5-221316)

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

**R5-221351 MSD test configurations modification for US inter-band EN-DC combinations with n77**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1333 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

**Abstract:**

Aligns with agreed R4-2119868

**Discussion:**

r1

WIC changed from CADC R16 to R17.

**Decision:** The document was **revised to R5-221885**.

**R5-221885 MSD test configurations modification for US inter-band EN-DC combinations with n77**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1333 rev 1 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

(Replaces R5-221351)

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

###### 5.3.20.5.3 Clauses 1-5, Annexes

**R5-220432 Update to R17 Configuration for DC**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1281 Cat: F (Rel-17)  
  
 Source: Bureau Veritas, Verizon Wireless*

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

**R5-220654 Update NE-DC configurations for DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1285 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221886**.

**R5-221886 Update NE-DC configurations for DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1285 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220654)

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

##### 5.3.20.6 TS 38.521-4

###### 5.3.20.6.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.20.6.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.20.6.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.20.6.4 Clauses 1-4, Annexes

##### 5.3.20.7 TS 38.522

##### 5.3.20.8 TS 38.533

##### 5.3.20.9 TR 38.903 (NR MU & TT analyses)

##### 5.3.20.10 TR 38.905 (NR Test Points Radio Transmission and Reception)

**R5-220363 Update TP analysis for Rel-17 DC\_2A\_n77A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0541 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Qualcomm, Ericsson*

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

**R5-220364 Update TP analysis for Rel-17 DC\_5A\_n77A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0542 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Qualcomm, Ericsson*

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

**R5-220365 Update TP analysis for Rel-17 DC\_13A\_n77A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0543 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Qualcomm, Ericsson*

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

**R5-220366 Update TP analysis for Rel-17 DC\_66A\_n77A**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0544 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Qualcomm, Ericsson*

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

**R5-220954 Test point analysis for reference sensitivity for several CA combinations**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0560 Cat: F (Rel-17)  
  
 Source: WE Certification Oy, DISH Network*

**Discussion:**

after discussion with Ericsson.

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

**R5-221193 Update of test points analysis per CA configuration Table**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0572 Cat: F (Rel-17)  
  
 Source: China Unicom*

**Discussion:**

first agreed, then merged into R5-221345r1.

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

**R5-221320 TP analysis for ref sensitivity for 4 Rel-17 ENDC combos**

*Type: CR For: Agreement  
 38.905 v17.3.0 CR-0575 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Qualcomm, Ericsson*

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

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

#### 5.3.21 NR Positioning Support (UID-900057) NR\_pos-UEConTest

##### 5.3.21.1 TS 38.508-1

##### 5.3.21.2 TS 38.508-2

##### 5.3.21.3 TS 37.571-1

**R5-220518 Addition of test cases for UE Rx-Tx time difference measurement period**

*Type: CR For: Agreement  
 37.571-1 v16.11.0 CR-0356 Cat: F (Rel-16)  
  
 Source: CATT*

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

**R5-220519 Addition of UE Rx-Tx time difference measurement test uncertainties and test parameter relaxations**

*Type: CR For: Agreement  
 37.571-1 v16.11.0 CR-0357 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221887**.

**R5-221887 Addition of UE Rx-Tx time difference measurement test uncertainties and test parameter relaxations**

*Type: CR For: Agreement  
 37.571-1 v16.11.0 CR-0357 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-220519)

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

**R5-221201 Update for the signal conditions for FR2 test cases**

*Type: CR For: Agreement  
 37.571-1 v16.11.0 CR-0360 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221202 New NR RSTD test case 14.2.1**

*Type: CR For: Agreement  
 37.571-1 v16.11.0 CR-0361 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221203 New NR RSTD test case 14.2.2**

*Type: CR For: Agreement  
 37.571-1 v16.11.0 CR-0362 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221204 New NR RSTD test case 14.3.1**

*Type: CR For: Agreement  
 37.571-1 v16.11.0 CR-0363 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221205 New NR RSTD test case 14.3.2**

*Type: CR For: Agreement  
 37.571-1 v16.11.0 CR-0364 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221206 New NR PRS-RSRP test case 16.2.1**

*Type: CR For: Agreement  
 37.571-1 v16.11.0 CR-0365 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221207 New NR PRS-RSRP test case 16.2.2**

*Type: CR For: Agreement  
 37.571-1 v16.11.0 CR-0366 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-221208 New NR PRS-RSRP test case 16.3.1**

*Type: CR For: Agreement  
 37.571-1 v16.11.0 CR-0367 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

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

##### 5.3.21.4 TS 37.571-3

**R5-220520 Addition of test applicabilities for NR UE Rx-Tx time difference measurement test cases**

*Type: CR For: Agreement  
 37.571-3 v16.10.0 CR-0150 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

CR#

r1

**Decision:** The document was **revised to R5-221888**.

**R5-221888 Addition of test applicabilities for NR UE Rx-Tx time difference measurement test cases**

*Type: CR For: Agreement  
 37.571-3 v16.10.0 CR-0150 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-220520)

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

##### 5.3.21.5 TS 37.571-5

##### 5.3.21.6 TR 38.903 ((NR MU & TT analyses)

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

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

##### 5.3.22.1 TS 38.508-1

##### 5.3.22.2 TS 38.508-2

##### 5.3.22.3 TS 38.521-2

###### 5.3.22.3.1 Tx Requirements (Clause 6)

**R5-221352 FR2 Enhanced Beam Correspondence test updates**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0714 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

**Discussion:**

late doc (1:16)

first agreed, then r1.

re-opening is to incorporate a recent comment/discussion with Ericsson to remove references to Spherical Coverage in the added text until the Rel16 BC test case structure is further discussed.

**Decision:** The document was **revised to R5-221889**.

**R5-221889 FR2 Enhanced Beam Correspondence test updates**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0714 rev 1 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

(Replaces R5-221352)

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

**R5-221353 Minimum Conformance Requirements updates to enhanced beam correspondence**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0715 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

**Abstract:**

Aligns with RAN4 spec

**Discussion:**

r1

**Decision:** The document was **revised to R5-221890**.

**R5-221890 Minimum Conformance Requirements updates to enhanced beam correspondence**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0715 rev 1 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

(Replaces R5-221353)

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

**R5-221354 Update reference to intra-band non-contiguous UL-CA FR2 RF tests in Annex**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0716 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

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

**R5-221356 Add correct test case structure to Beam Correspondence CA test case**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0718 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

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

###### 5.3.22.3.2 Rx Requirements (Clause 7)

**R5-221357 Introduce EIS test cases to incorporate Rel.16 inter-band CA**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0719 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

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

###### 5.3.22.3.3 Clauses 1-5, Annexes

**R5-221355 Editorial correction in intra-band non-contiguous configurations table**

*Type: CR For: Agreement  
 38.521-2 v16.10.0 CR-0717 Cat: F (Rel-16)  
  
 Source: Apple Portugal*

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

##### 5.3.22.4 TS 38.521-3

###### 5.3.22.4.1 Tx Requirements (Clause 6)

###### 5.3.22.4.2 Rx Requirements (Clause 7)

###### 5.3.22.4.3 Clauses 1-5, Annexes

##### 5.3.22.5 TS 38.522

**R5-220310 Correction of FR2 standalone Enhanced Beam correspondence - EIRP RF conformance test case applicability**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0136 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

first agreed, then r1

**Decision:** The document was **revised to R5-221891**.

**R5-221891 Correction of FR2 standalone Enhanced Beam correspondence - EIRP RF conformance test case applicability**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0136 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-220310)

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

**R5-221363 38.522 applicability updates for Rel.16 FR2 RF enhancements**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0157 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

**Discussion:**

first agreed, then withdrawn.

. Request to withdraw based on Ericsson suggestion to keep current applicability logic and defer this change to next meeting until updates to test case structure are discussed.

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

##### 5.3.22.6 TR 38.903 (NR MU & TT analyses)

##### 5.3.22.7 TR 38.905 (NR Test Points Radio Transmission and Reception)

##### 5.3.22.8 Discussion Papers, Work Plan, TC lists

#### 5.3.23 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

##### 5.3.23.1 TS 38.508-1

##### 5.3.23.2 TS 38.508-2

**R5-220776 Update of PC2 DC\_8A-n78A Baseline Implementation Capabilities**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0297 Cat: F (Rel-17)  
  
 Source: China Unicom*

**Decision:** The document was **agreed**.

##### 5.3.23.3 TS 38.521-3

###### 5.3.23.3.1 Tx Requirements (Clause 6)

**R5-220775 Update of MOP TC for PC2 ENDC configurations**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1292 Cat: F (Rel-17)  
  
 Source: China Unicom*

**Discussion:**

first agreed, then r1

upon E///'s comments.

**Decision:** The document was **revised to R5-221892**.

**R5-221892 Update of MOP TC for PC2 ENDC configurations**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1292 rev 1 Cat: F (Rel-17)  
  
 Source: China Unicom*

(Replaces R5-220775)

**Decision:** The document was **agreed**.

###### 5.3.23.3.2 Rx Requirements (Clause 7)

**R5-221337 Addition of PC2 ENDC 4 combos into 38.521-3 TC7.3B.2**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1332 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Ericsson*

**Decision:** The document was **agreed**.

###### 5.3.23.3.3 Clauses 1-5, Annexes

##### 5.3.23.4 TS 38.521-4

###### 5.3.23.4.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.23.4.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.23.4.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.23.4.4 Clauses 1-4, Annexes

##### 5.3.23.5 TS 38.522

##### 5.3.23.6 TR 38.905 (NR Test Points Radio Transmission and Reception)

##### 5.3.23.7 Discussion Papers, Work Plan, TC lists

#### 5.3.24 2-step RACH for NR (UID-911001) NR\_2step\_RACH-UEConTest

##### 5.3.24.1 TS 38.508-1

##### 5.3.24.2 TS 38.508-2

##### 5.3.24.3 TS 38.522

**R5-220163 Add 2-Step RACH test cases to Applicability spec**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0133 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Decision:** The document was **agreed**.

##### 5.3.24.4 TS 38.533

**R5-220160 Add test case 7.3.2.2.4 for SA FR2 2-step PRACH**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1583 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Decision:** The document was **agreed**.

**R5-220196 Update to table E.5-1 to add the cell configurations for one 2-step RACH test case**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1586 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Decision:** The document was **agreed**.

**R5-220324 Add test case 7.3.2.2.3 for NR SA FR2 2-step RACH**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1590 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

RAN4 draft CR R4-2203528.

**Discussion:**

r1

RAN4 draft CR is endorsed as R4-2203528.

**Decision:** The document was **revised to R5-221893**.

**R5-221893 Add test case 7.3.2.2.3 for NR SA FR2 2-step RACH**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1590 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-220324)

**Decision:** The document was **agreed**.

##### 5.3.24.5 TR 38.903 (NR MU & TT analyses)

##### 5.3.24.6 Discussion Papers, Work Plan, TC lists

#### 5.3.25 NR-based access to unlicensed spectrum (UID-911003) NR\_unlic-UEConTest

##### 5.3.25.1 TS 38.508-1

##### 5.3.25.2 TS 38.508-2

##### 5.3.25.3 TS 38.509

##### 5.3.25.4 TS 38.521-1

###### 5.3.25.4.1 Tx Requirements (Clause 6)

**R5-221251 Introduction of NR-U OFF power test case**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1599 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221894**.

**R5-221894 Introduction of NR-U OFF power test case**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1599 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-221251)

**Decision:** The document was **agreed**.

**R5-221252 Introduction of NR-U General ON/OFF time mask test case**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1600 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221895**.

**R5-221895 Introduction of NR-U General ON/OFF time mask test case**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1600 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-221252)

**Decision:** The document was **agreed**.

###### 5.3.25.4.2 Rx Requirements (Clause 7)

###### 5.3.25.4.3 Clauses 1-5, Annexes

##### 5.3.25.5 TS 38.521-3

###### 5.3.25.5.1 Tx Requirements (Clause 6)

###### 5.3.25.5.2 Rx Requirements (Clause 7)

###### 5.3.25.5.3 Clauses 1-5, Annexes

##### 5.3.25.6 TS 38.521-4

###### 5.3.25.6.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.25.6.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.25.6.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.25.6.4 Clauses 1-4, Annexes

##### 5.3.25.7 TS 38.522

##### 5.3.25.8 TS 38.533

##### 5.3.25.9 TR 38.903 (NR MU & TT analyses)

##### 5.3.25.10 TR 38.905 (NR Test Points Radio Transmission and Reception)

##### 5.3.25.11 Discussion Papers, Work Plan, TC lists

#### 5.3.26 LTE-NR & NR-NR Dual Connectivity and NR CA enhancements (UID-911004) LTE\_NR\_DC\_CA\_enh-UEConTest

##### 5.3.26.1 TS 38.508-1

##### 5.3.26.2 TS 38.508-2

##### 5.3.26.3 TS 38.522

**R5-221296 Addition of Idle Mode CA/DC Measurements test cases applicability**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0155 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

New test cases added to the applicability table

**Decision:** The document was **agreed**.

##### 5.3.26.4 TS 38.533

**R5-221301 Addition of Idle mode CA/DC measurement test case 6.6.9.1**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1743 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

New test case

**Decision:** The document was **agreed**.

**R5-221302 Addition of Idle Mode measurements of inter-RAT CA candidate cells for early reporting test case 6.6.15.1**

*Type: CR For: Agreement  
 38.533 v17.1.0 CR-1744 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

New test case

**Decision:** The document was **agreed**.

##### 5.3.26.5 TR 38.903 (NR MU & TT analyses)

##### 5.3.26.6 Discussion Papers, Work Plan, TC lists

#### 5.3.27 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

##### 5.3.27.1 TS 38.508-1

##### 5.3.27.2 TS 38.508-2

##### 5.3.27.3 TS 38.521-1

###### 5.3.27.3.1 Tx Requirements (Clause 6)

**R5-220424 Update of MOP test cases for PC2 CA\_n1A-n78A with UL CA\_n1A-n78A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1529 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

cover: must add +PC2!

r2

**Decision:** The document was **revised to R5-221896**.

**R5-221896 Update of MOP test cases for PC2 CA\_n1A-n78A with UL CA\_n1A-n78A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1529 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecom*

(Replaces R5-220424)

**Decision:** The document was **agreed**.

###### 5.3.27.3.2 Rx Requirements (Clause 7)

###### 5.3.27.3.3 Clauses 1-5, Annexes

##### 5.3.27.4 TS 38.522

##### 5.3.27.5 TR 38.905 (NR Test Points Radio Transmission and Reception)

##### 5.3.27.6 Discussion Papers, Work Plan, TC lists

#### 5.3.28 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

##### 5.3.28.1 TS 38.508-1

##### 5.3.28.2 TS 38.508-2

##### 5.3.28.3 TS 38.521-1

###### 5.3.28.3.1 Tx Requirements (Clause 6)

**R5-220201 Update Tx test cases for PC1.5 CA\_n41C**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1503 Cat: F (Rel-17)  
  
 Source: CMCC*

**Decision:** The document was **withdrawn**.

**R5-220202 Update Tx test cases for PC2 CA\_n41C**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1504 Cat: F (Rel-17)  
  
 Source: CMCC*

**Decision:** The document was **withdrawn**.

**R5-220425 Update of MOP test cases for PC2 CA\_n3A-n78A with UL CA\_n3A-n78A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1530 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

first agreed, then r1

**Decision:** The document was **revised to R5-221897**.

**R5-221897 Update of MOP test cases for PC2 CA\_n3A-n78A with UL CA\_n3A-n78A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1530 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecom*

(Replaces R5-220425)

**Decision:** The document was **agreed**.

**R5-220658 Update superscripts of power class for inter-band CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1534 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

cannot open. Wrong WIC?

r1

**Decision:** The document was **revised to R5-221898**.

**R5-221898 Update superscripts of power class for inter-band CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1534 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220658)

**Decision:** The document was **agreed**.

**R5-220659 Update MOP for 2 bands DL and 1 band UL CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1535 Cat: F (Rel-17)  
  
 Source: CMCC*

**Abstract:**

The pending CR is R4-2203631

**Discussion:**

cannot open. Wrong WIC?

r2

**Decision:** The document was **revised to R5-221899**.

**R5-221899 Update MOP for 2 bands DL and 1 band UL CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1535 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220659)

**Decision:** The document was **agreed**.

**R5-221210 Update MOP for Intra-band contiguous CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1594 Cat: F (Rel-17)  
  
 Source: CMCC, CT*

**Abstract:**

The pending CR is R4-2203631

**Discussion:**

r2

**Decision:** The document was **revised to R5-221900**.

**R5-221900 Update MOP for Intra-band contiguous CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1594 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC, CT*

(Replaces R5-221210)

**Decision:** The document was **agreed**.

**R5-221211 Update MOP for Intra-band non-contiguous CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1595 Cat: F (Rel-17)  
  
 Source: CMCC, CT*

**Abstract:**

The pending CR is R4-2203631

**Discussion:**

r2

**Decision:** The document was **revised to R5-221901**.

**R5-221901 Update MOP for Intra-band non-contiguous CA**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1595 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC, CT*

(Replaces R5-221211)

**Decision:** The document was **agreed**.

###### 5.3.28.3.2 Rx Requirements (Clause 7)

###### 5.3.28.3.3 Clauses 1-5, Annexes

**R5-220203 Update UL CA configurations for PC2 and PC1.5 CA\_n41C**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1505 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221902**.

**R5-221902 Update UL CA configurations for PC2 and PC1.5 CA\_n41C**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1505 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220203)

**Decision:** The document was **agreed**.

**R5-220204 Update configuration for PC2 CA\_n3A-n41A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1506 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

can't open.

r1

**Decision:** The document was **revised to R5-221903**.

**R5-221903 Update configuration for PC2 CA\_n3A-n41A**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1506 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220204)

**Decision:** The document was **agreed**.

##### 5.3.28.4 TS 38.522

##### 5.3.28.5 TR 38.905 (NR Test Points Radio Transmission and Reception)

##### 5.3.28.6 Discussion Papers, Work Plan, TC lists

**R5-220269 Discussion on PC2 and PC1.5 CA\_n41C with single UL carrier handling in RAN5**

*Type: discussion For: Endorsement  
 Source: CMCC, Huawei, Hisilicon*

**Abstract:**

The related CR is R5-220203.

**Discussion:**

r1

added: PC1.5 CA\_n41C Tx/Rx TCs shall not be regarded as completed before PC1.5 n41 Tx/Rx TCs to be confirmed as completed.

**Decision:** The document was **revised to R5-221664**.

**R5-221664 Discussion on PC2 and PC1.5 CA\_n41C with single UL carrier handling in RAN5**

*Type: discussion For: Endorsement  
 Source: CMCC, Huawei, Hisilicon*

(Replaces R5-220269)

**Discussion:**

Noted and Proposal 1 is implemented in R5-220203r1, prop2/3 are working assumptions to be considered by contributors."

**Decision:** The document was **noted**.

#### 5.3.29 29 dBm UE Power Class for LTE Band 41 and NR Band n41 (UID-920068) LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest

##### 5.3.29.1 TS 38.521-1

###### 5.3.29.1.1 Tx Requirements (Clause 6)

###### 5.3.29.1.2 Rx Requirements (Clause 7)

###### 5.3.29.1.3 Clauses 1-5, Annexes

##### 5.3.29.2 TS 38.521-3

###### 5.3.29.2.1 Tx Requirements (Clause 6)

###### 5.3.29.2.2 Rx Requirements (Clause 7)

###### 5.3.29.2.3 Clauses 1-5, Annexes

##### 5.3.29.3 TS 38.522

##### 5.3.29.4 Discussion Papers, Work Plan, TC lists

**R5-221278 Discussion on LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest Work plan review to include dependencies with NR\_RF\_TxD-UEConTest work plan**

*Type: discussion For: Endorsement  
 Source: Keysight technologies UK Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221605**.

**R5-221605 Discussion on LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest Work plan review to include dependencies with NR\_RF\_TxD-UEConTest work plan**

*Type: discussion For: Endorsement  
 Source: Keysight technologies UK Ltd*

(Replaces R5-221278)

**Decision:** The document was **noted**.

##### 5.3.29.5 TS 38.508-2

**R5-220210 Addition of NR FR1 PC1.5 RF Baseline Implementation Capabilities for n41**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0291 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

first withdrawn before the meeting, then reinstated.

**Decision:** The document was **agreed**.

#### 5.3.30 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) (UID-930051) ENDC\_PC2\_R17\_xLTE\_yNR-UEConTest

##### 5.3.30.1 TS 38.508-2

##### 5.3.30.2 TS 38.521-3

###### 5.3.30.2.1 Tx Requirements (Clause 6)

###### 5.3.30.2.2 Rx Requirements (Clause 7)

###### 5.3.30.2.3 Clauses 1-5, Annexes

##### 5.3.30.3 TS 38.522

##### 5.3.30.4 Discussion Papers, Work Plan, TC lists

#### 5.3.31 High power UE (power class 1.5) for NR band n79 (UID-930052) NR\_UE\_PC1\_5\_n79-UEConTest

##### 5.3.31.1 TS 38.508-2

##### 5.3.31.2 TS 38.521-1

###### 5.3.31.2.1 Tx Requirements (Clause 6)

**R5-220060 Alignment of test points of ACLR with MPR**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1479 Cat: F (Rel-17)  
  
 Source: CAICT*

**Discussion:**

Conflict with R5-220200.

PC 1.5 TxD need to be defined in clause with suffix G as per the latest discussion of the WP.

**Decision:** The document was **withdrawn**.

**R5-220200 Update NR ACLR test case for PC1.5**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1502 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

conflicts with R5-220405/R5-220060 (CAICT).

r2

Keysight recommended to withdraw.

It makes no sense to make additions relative to PC1.5 in ACLR test case 6.5.4.2.1 that will be removed from there in 1 or 2 meeting cycles into a suffix G test case.

**Decision:** The document was **revised to R5-221904**.

**R5-221904 Update NR ACLR test case for PC1.5**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1502 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220200)

**Decision:** The document was **agreed**.

###### 5.3.31.2.2 Rx Requirements (Clause 7)

###### 5.3.31.2.3 Clauses 1-5, Annexes

##### 5.3.31.3 TS 38.522

##### 5.3.31.4 Discussion Papers, Work Plan, TC lists

**R5-220059 Discussion on Alignment of test points for MPR and ACLR in TS 38.521-1**

*Type: discussion For: Endorsement  
 38.521-1 v..  
 Source: CAICT*

**Abstract:**

proposes to revise ACLR to remove all the test config tables and just referring back to MPR to make the spec easier to maintain and to reduce misalignment.

**Discussion:**

r2

**Decision:** The document was **revised to R5-221665**.

**R5-221665 Discussion on Alignment of test points for MPR and ACLR in TS 38.521-1**

*Type: discussion For: Endorsement  
 38.521-1 v..  
 Source: CAICT*

(Replaces R5-220059)

**Discussion:**

Noted and proposal implemented in R5-220405r3, R5-220784r1 and R5-221126r1.

**Decision:** The document was **noted**.

**R5-221280 Discussion on NR\_UE\_PC1\_5\_n79-UEConTest Work plan review to include dependencies with NR\_RF\_TxD-UEConTest work plan**

*Type: discussion For: Endorsement  
 Source: Keysight technologies UK Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221606**.

**R5-221606 Discussion on NR\_UE\_PC1\_5\_n79-UEConTest Work plan review to include dependencies with NR\_RF\_TxD-UEConTest work plan**

*Type: discussion For: Endorsement  
 Source: Keysight technologies UK Ltd*

(Replaces R5-221280)

**Decision:** The document was **noted**.

#### 5.3.32 High power UE (power class 2) for NR band n34 (UID-930053) NR\_UE\_PC2\_n34-UEConTest

##### 5.3.32.1 TS 38.508-2

##### 5.3.32.2 TS 38.521-1

###### 5.3.32.2.1 Tx Requirements (Clause 6)

**R5-220138 Update test requirements of PC2 n34 MOP for UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1497 Cat: F (Rel-17)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

###### 5.3.32.2.2 Rx Requirements (Clause 7)

###### 5.3.32.2.3 Clauses 1-5, Annexes

##### 5.3.32.3 TS 38.522

##### 5.3.32.4 Discussion Papers, Work Plan, TC lists

#### 5.3.33 High power UE (power class 2) for NR band n39 (UID-930054) NR\_UE\_PC2\_n39-UEConTest

##### 5.3.33.1 TS 38.508-2

##### 5.3.33.2 TS 38.521-1

###### 5.3.33.2.1 Tx Requirements (Clause 6)

**R5-220139 Update test requirements of PC2 n39 MOP for UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1498 Cat: F (Rel-17)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

###### 5.3.33.2.2 Rx Requirements (Clause 7)

###### 5.3.33.2.3 Clauses 1-5, Annexes

##### 5.3.33.3 TS 38.522

##### 5.3.33.4 Discussion Papers, Work Plan, TC lists

#### 5.3.34 High-power UE (power class 1.5) operation in NR bands n77 and n78 (UID-930055) HPUE\_PC1\_5\_n77\_n78-UEConTest

##### 5.3.34.1 TS 38.508-2

##### 5.3.34.2 TS 38.521-1

###### 5.3.34.2.1 Tx Requirements (Clause 6)

###### 5.3.34.2.2 Rx Requirements (Clause 7)

###### 5.3.34.2.3 Clauses 1-5, Annexes

##### 5.3.34.3 TS 38.522

##### 5.3.34.4 Discussion Papers, Work Plan, TC lists

**R5-221279 Discussion on HPUE\_PC1\_5\_n77\_n78-UEConTest Work plan review to include dependencies with NR\_RF\_TxD-UEConTest work plan**

*Type: discussion For: Endorsement  
 Source: Keysight technologies UK Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221607**.

**R5-221607 Discussion on HPUE\_PC1\_5\_n77\_n78-UEConTest Work plan review to include dependencies with NR\_RF\_TxD-UEConTest work plan**

*Type: discussion For: Endorsement  
 Source: Keysight technologies UK Ltd*

(Replaces R5-221279)

**Decision:** The document was **noted**.

#### 5.3.35 LTE/NR spectrum sharing in Band 34/n34 and Band 39/n39 (UID-940089) DSS\_LTE\_B34\_NR\_Bn34\_LTE\_B39\_NR\_Bn39-UEConTest

##### 5.3.35.1 TS 38.521-1

###### 5.3.35.1.1 Tx Requirements (Clause 6)

**R5-220137 Update TC Frequency Error for DSS**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1496 Cat: F (Rel-17)  
  
 Source: CMCC, Huawei, Hisilicon*

**Discussion:**

r1

comments/suggestions from Anritsu.

**Decision:** The document was **revised to R5-221905**.

**R5-221905 Update TC Frequency Error for DSS**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1496 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC, Huawei, Hisilicon*

(Replaces R5-220137)

**Decision:** The document was **agreed**.

**R5-220141 Update TC Frequency Error for UL MIMO for DSS**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1499 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221906**.

**R5-221906 Update TC Frequency Error for UL MIMO for DSS**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1499 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220141)

**Decision:** The document was **agreed**.

**R5-220142 Update TC Frequency Error for CA for DSS**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1500 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221907**.

**R5-221907 Update TC Frequency Error for CA for DSS**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1500 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220142)

**Decision:** The document was **agreed**.

###### 5.3.35.1.2 Rx Requirements (Clause 7)

###### 5.3.35.1.3 Clauses 1-5, Annexes

##### 5.3.35.2 TS 38.522

**R5-220041 Addition of the TDD DSS NR bands n34, n39**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0131 Cat: F (Rel-17)  
  
 Source: CMCC*

**Abstract:**

The related CR is R5-220040.

D0XX in Table 4.0-2 needs to be allocated with hard number.

**Decision:** The document was **agreed**.

##### 5.3.35.3 Discussion Papers, Work Plan, TC lists

#### 5.3.36 Additional NR bands for UL-MIMO in Rel-17 (UID-940090) NR\_bands\_UL\_MIMO\_PC3\_R17-UEConTest

##### 5.3.36.1 TS 38.521-1

###### 5.3.36.1.1 Tx Requirements (Clause 6)

###### 5.3.36.1.2 Rx Requirements (Clause 7)

###### 5.3.36.1.3 Clauses 1-5, Annexes

**R5-220349 Adding NR bands for UL MIMO in FR1**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1522 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Decision:** The document was **agreed**.

##### 5.3.36.2 TS 38.522

##### 5.3.36.3 TR 38.905

##### 5.3.36.4 Discussion Papers, Work Plan, TC lists

#### 5.3.37 Common RF requirement configured output power for EN-DC with 3 uplink CC and 2 different bands (2CC LTE, 1CC NR FR1) (UID-940091) DC\_Pcmax\_3UL\_CC-UEConTest

##### 5.3.37.1 TS 38.508-1

**R5-220960 Addition of test frequency for DC\_7C\_n78A**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2264 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

##### 5.3.37.2 TS 38.508-2

##### 5.3.37.3 TS 38.521-3

###### 5.3.37.3.1 Tx Requirements (Clause 6)

**R5-220961 Addition of common uplink configuration for E-UTRA intra-band contiguous CA**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1301 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-220962, R5-220963

**Decision:** The document was **agreed**.

**R5-220962 Addition of new test case 6.2B.1.3\_1 for Maximum Output Power for inter-band EN-DC with 3 uplink**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1302 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Applicability in R5-220965

**Discussion:**

Ericsson’s comment.

r2

**Decision:** The document was **revised to R5-221908**.

**R5-221908 Addition of new test case 6.2B.1.3\_1 for Maximum Output Power for inter-band EN-DC with 3 uplink**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1302 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220962)

**Decision:** The document was **agreed**.

**R5-220963 Addition of new test case 6.2B.4.1.3\_1 for Configured Output Power for inter-band EN-DC with 3 uplink**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1303 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Applicability in R5-220965

**Discussion:**

Ericsson’s comment.

r2

**Decision:** The document was **revised to R5-221909**.

**R5-221909 Addition of new test case 6.2B.4.1.3\_1 for Configured Output Power for inter-band EN-DC with 3 uplink**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1303 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220963)

**Decision:** The document was **agreed**.

###### 5.3.37.3.2 Rx Requirements (Clause 7)

###### 5.3.37.3.3 Clauses 1-5, Annexes

**R5-220964 Addition of annex F for test cases for EN-DC configurations with 3 uplink**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1304 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221910**.

**R5-221910 Addition of annex F for test cases for EN-DC configurations with 3 uplink**

*Type: CR For: Agreement  
 38.521-3 v17.3.0 CR-1304 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220964)

**Decision:** The document was **agreed**.

##### 5.3.37.4 TS 38.522

**R5-220965 Addition of applicability for test cases for EN-DC with 3 uplink**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0147 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-220962, R5-220963

**Decision:** The document was **agreed**.

##### 5.3.37.5 TR 38.905

##### 5.3.37.6 Discussion Papers, Work Plan, TC lists

**R5-220966 Discussion on test cases about EN-DC with 3UL (2CC LTE, 1CC NR)**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon*

**Abstract:**

"Associated CR R5-220962, 0963, 0964, 0965, 0967, 0968

QC comment to TC CR R5-220962, 0963, 0964"

**Discussion:**

Noted.

Proposal 1/1a is implemented in CRs R5-221908/1910/0965/0967

Proposal 2/2a is implemented in CRs R5-221909/1910/0965/0968

Proposal 3 is endorsed.

Proposal 4 is more like a work assumption.

**Decision:** The document was **noted**.

#### 5.3.38 UE RF requirements for Transparent Tx Diversity (TxD) for NR (UID-940092) NR\_RF\_TxD-UEConTest

##### 5.3.38.1 TS 38.508-1

##### 5.3.38.2 TS 38.508-2

##### 5.3.38.3 TS 38.521-1

###### 5.3.38.3.1 Tx Requirements (Clause 6)

**R5-221358 CR on SRS IL for TxD**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1612 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

**Abstract:**

Dependent on RAN4 CR agreement

**Discussion:**

Author requested to withdraw to wait for RAN5 agreement before introducing the change in RAN5

**Decision:** The document was **withdrawn**.

###### 5.3.38.3.2 Rx Requirements (Clause 7)

###### 5.3.38.3.3 Clauses 1-5, Annexes

##### 5.3.38.4 TS 38.522

##### 5.3.38.5 TR 38.905

##### 5.3.38.6 Discussion Papers, Work Plan, TC lists

**R5-221039 Discussion on handling TxD test cases**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon*

**Discussion:**

r2

Proposal 1 and Proposal 2 can be endorsed. Now the disagreement is about how to introduce TxD case and move PC 1.5 cases to clause G at the same meeting in case PC1.5 re-arrangement is urgent for companies. Based on the outcome of offline discussion, R5-221039r2 listed the two possible solutions to discuss this problem.

r3

The WP needs to be stable before discussing the WIs.

Proposals 1-3 are endorsed.

Noted.

**Decision:** The document was **revised to R5-221666**.

**R5-221666 Discussion on handling TxD test cases**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon*

(Replaces R5-221039)

**Discussion:**

Noted and prop1 endorsed; prop2/3 working assumptions to be considered by contributors.

**Decision:** The document was **noted**.

**R5-221281 Discussion on Transparent Tx diversity work plan**

*Type: discussion For: Endorsement  
 Source: Keysight technologies UK Ltd*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221608**.

**R5-221608 Discussion on Transparent Tx diversity work plan**

*Type: discussion For: Endorsement  
 Source: Keysight technologies UK Ltd*

(Replaces R5-221281)

**Decision:** The document was **noted**.

#### 5.3.39 Introduction of UE TRP (Total Radiated Power) and TRS (Total Radiated Sensitivity) requirements and test methodologies for FR1 (NR SA and EN-DC) (UID-911110) NR\_FR1\_TRP\_TRS-Core (RAN5 Secondary Responsibility)

##### 5.3.39.1 Measurement Uncertainty (MU) assessment proposals for TR 38.834, Discussion Papers, Work Plan

**R5-220832 TP to TR 38.834 for Annex B MU tables**

*Type: discussion For: Endorsement  
 Source: MVG Industries, Rohde & Schwarz*

**Discussion:**

r1:

- Additional wording to reflect the values in tables are “preliminary examples” and the finalization of MU estimation is expected with the work on the RAN5 test specification.

- Clarification on the table titles to refer to the FR1 bands currently defined in TR 38.834.

- Update of QoQZ terms to align with changes in R5-221175r2.

r2:

- Clarification on the distribution of QoQZ terms.

- “Gaussian” replaced by “Actual”

- Typo correction

R&S: Regarding the RAN4 pCR to TR38.834, yes we have a reserved tdoc at RAN4#102-e to capture the endorsed content from RAN5. It’s R4-2205826 TP to TR 38.834 on contents for Annex B.

**Decision:** The document was **revised to R5-221623**.

**R5-221623 TP to TR 38.834 for Annex B MU tables**

*Type: discussion For: Endorsement  
 Source: MVG Industries, Rohde & Schwarz*

(Replaces R5-220832)

**Discussion:**

RF AP#93e.21 closed

R&S: final uploaded as well as the corresponding contribution to RAN4#102-e in R4-2205826.zip".

Noted and endorsed.

**Decision:** The document was **noted**.

**R5-221175 TP to TR 38.834 on MU General section and descriptions**

*Type: discussion For: Endorsement  
 38.834 v..  
 Source: ROHDE & SCHWARZ, MVG Industries*

**Abstract:**

The aim of this contribution is to progress on the contents for Annex B of TR 38.834, focusing on the general section and measurement error contribution descriptions. Most of the text was reused from Annex E of TS 37.544, except for relevant changes that

**Discussion:**

r1 and r2:

- Quality of the Quiet Zone definition (B.2.8) updated, including additional changes in r2 to improve wording and QoQZ for Stage 1.

- Clarification on the uncertainty for relevant equipment (B.2.4, B.2.5, B.2.15 and B.2.16) to include the usage of datasheet, and alternatively calibration report in case of the calibration antenna.

r3:

- Clarification on the distribution of QoQZ term for Stage 1.

- “Gaussian” replaced by “Actual”

**Decision:** The document was **revised to R5-221624**.

**R5-221624 TP to TR 38.834 on MU General section and descriptions**

*Type: discussion For: Endorsement  
 38.834 v..  
 Source: ROHDE & SCHWARZ, MVG Industries*

(Replaces R5-221175)

**Discussion:**

RF AP#93e.21 closed

R&S: final uploaded as well as the corresponding contribution to RAN4#102-e in R4-2205826.zip".

Noted and endorse.

**Decision:** The document was **noted**.

#### 5.3.40 Enhanced Test Methods for FR2 UEs

##### 5.3.40.1 Discussion Papers, Work Plan to track adoption of the TR 38.884 outcomes into RAN5 test specifications

**R5-220882 Common assumption for FR2 enhanced test methods**

*Type: discussion For: Endorsement  
 Source: Anritsu*

**Discussion:**

-> 5.3.40.1, FR2\_enhTestMethods?

2/23 FR2 MU GTM#1:

KS: Too early to agree/endorse the proposals due to the overlap with the testability improvement WI work plan development. These proposals are more about applicability than FR MU.

Apple: P2 is very generic statement on ETC. RAN5 has already determined feasibility for ETC. May not have to be discussed separately. P4 needs to wait for RAN4 conclusions. Need to keep FR2-1 and FR2-2 separate.

E///: On P3, we have PC5 coming and will need to be handled as part of the testability enhancements as well.

KS: On PC5, we also haven't done anything for PC2 and PC4 either. Needs more time for antenna assumptions. Focus on PC3 and PC1 as RAN5 has been doing.

Moderator (AT&T): Clear the FR2 MU flag and change the agenda item to 5.3.40.1 to discuss in the testing enhancements WI.

Document noted. No proposals endorsed.

**Decision:** The document was **noted**.

**R5-221260 On NF Methodologies for Low UL/High DL Power Test Cases**

*Type: discussion For: Approval  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

This contribution provides a high-level overview of the NF test methodologies identified by RAN4 for low UL/high DL power test cases

**Discussion:**

Anritsu: For Proposal 1, we believe that it is difficult to achieve the 14dB improvement by the actual future TE for the reasons in the next paragraph. We think that it is the maximum improvement value that can be theoretically possible with NF and is given as just a reference. Is our understanding correct?

Proposal 1: RAN5 to determine whether the ~14dB improvement in relaxations is sufficient before integrating and further researching the new NF methodologies in test specifications and technical reports.

Keysight USA: Depending on methodology, we can see up to ~14dB improvement due to the reduced path losses (assuming the 30cm QZ). As I outlined in the contribution, there could be additional improvements due to simplified switching and signal condition…

Anritsu: When we try to achieve 14 dB improvement by the actual TE, we assume the following concerns.

- We discussed expanding the QZ size to 40cm. The range length 22cm which is used for the path loss calculation of NF is almost equal to the radius of the 40cm QZ. We are afraid that the antenna will interfere with DUT holder or positioner.

Keysight USA: For larger QZs, the NF probe measurement distance would have to be adjusted, this is correct . Please keep in mind that when we started this work in RAN4, the larger QZs did not exist and we currently still have not completed the MU work and thus the required relaxations for 40cm and 55cm QZs

Anritsu: - As I mentioned in R5-220882, we need to consider ETC enclosure too. Considering the interference between antenna and ETC enclosure as well as DUT holder and positioner, the actual achievable range length will be much larger than 22cm.

Keysight USA: I don’t believe ETC is applicable for the test cases with the large relaxations and in order to maximize the reduction of relaxations (as requested by industry), I believe we might need to consider the removal of the ETC enclosure (which you stated as not realistic in your contribution).

ETC environment: It is not realistic to add or remove ETC enclosure for each TCs, so it is necessary to consider ETC environment even in TCs which do not need ETC testing.

Proposal 2 : Adopt ETC environment for the common assumption of FR2 enhanced test methods.

R&S: We share some of the concerns raised by Anritsu in the sense that the ~14dB improvement is only considering FSPL improvement under very concrete conditions, i.e. 30cm QZ, no ETC, comparison between 1m range/focal length to a 22cm… Therefore we think it is unlikely to reach that much improvement while allowing a reasonable freedom of test system implementation. Thus, we don’t think the ~14dB can be used as a plain number for the group to decide on.

In addition, we have another comment regarding Proposal 1. Following what it’s presented in clause 5.1.6 of TR 38.884, there must be first an assessment on the improvements to IFF before deciding on NF methods:

For a given test case, NF based solutions should only be considered if the improvement for current methods is not enough to remove the relaxations determined by RAN5.

Therefore, even if we tune the expected improvement for NF methods, we cannot resolve on Proposal 1 before analyzing the improvements to IFF.

r1

revised Proposal 1 in the absence of an estimate for the combined/total relaxation improvement. It now reads:

Proposal 1: RAN5 to determine whether the new NF methodologies should be considered if the relaxations cannot be completely be eliminated

This change also addresses Anritsu’s request to double check the FSPL value (which came directly from RAN4 and was documented there).

Conclusion: Proposals 1 and 2 are endorsed. (There has been a request from proponent to create corresponding Action Points).

**Decision:** The document was **revised to R5-221640**.

**R5-221640 On NF Methodologies for Low UL/High DL Power Test Cases**

*Type: discussion For: Approval  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-221260)

**Decision:** The document was **noted**.

**R5-221359 Discussion on Internal Work Plan Structure for FR2 Enhanced Test Methods**

*Type: discussion For: Agreement  
 38.521-2 v..  
 Source: Apple Portugal*

**Discussion:**

r1

offline feedback received from Keysight Spain, R&S and Ericsson.

Keysight: In section 2.2.2.4.2 you have added the following statement:

- Specify a grace period where the legacy method and the dual-polarization receiver can be used for conformance testing. After the grace period switch to the dual polarization method.

Is it not assuming that the applicability of such enhanced test method will be from Rel-15 onwards? As far as I know such discussion as not taken place yet.

r2

feedback received from Keysight and R&S.

Keysight Spain: we don’t agree yet with the statement:

- RAN5 to discuss the timeline aspects for enabling the dual receiver, while factoring in the applicability guidelines in clause 4 of TR38.884 e.g., by introducing a grace period for using both legacy and new method at the same time to allow TEV to implement and validate the test method.

Whether a grace period will be defined or not will depend on the discussions.

Our proposal is to keep such statement as: - RAN5 to discuss the timeline aspects for enabling the dual receiver, while factoring in the applicability guidelines in clause 4 of TR38.884

r3

R&S: We are fine the updated proposal P1 & P2 and with the creation of associated action points.

Conclusion: Proposals 1,2,3,4,5,6,7 are endorsed.

**Decision:** The document was **revised to R5-221641**.

**R5-221641 Discussion on Internal Work Plan Structure for FR2 Enhanced Test Methods**

*Type: discussion For: Agreement  
 38.521-2 v..  
 Source: Apple Portugal*

(Replaces R5-221359)

**Discussion:**

Noted and Proposal 1 to 7 endorsed

**Decision:** The document was **noted**.

**R5-221360 Draft internal Work Plan for FR2 Enhanced Test Methods**

*Type: Work Plan For: Approval  
 Source: Apple Portugal*

**Discussion:**

r1

offline feedback received from Keysight Spain, R&S and Ericsson.

r2

- RAN5 WP uploaded with a minor update to row39 to add a comment to track the Single LInk Polarization method as suggested by Chunying/Huawei. No additional comments/concerns and seems it can be agreed.

Associated Work Plan is agreed.

Noted.

**Decision:** The document was **revised to R5-221642**.

**R5-221642 Draft internal Work Plan for FR2 Enhanced Test Methods**

*Type: Work Plan For: Approval  
 Source: Apple Portugal*

(Replaces R5-221360)

**Decision:** The document was **noted**.

### 5.4 Routine Maintenance for 5G NR only TEIx\_Test

#### 5.4.1 TS 38.508-2

**R5-221335 Add\_UE capability enhancedUL-TransientPeriod**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0318 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea, ROHDE & SCHWARZ*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221911**.

**R5-221911 Add\_UE capability enhancedUL-TransientPeriod**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0318 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea, ROHDE & SCHWARZ*

(Replaces R5-221335)

**Decision:** The document was **agreed**.

#### 5.4.2 TS 38.521-1

**R5-221336 Update for 6.4.2.1a EVM including symbols with transient period**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1609 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea, ROHDE & SCHWARZ*

**Abstract:**

TP analysis is covered by CR R5-221314

**Discussion:**

r3

**Decision:** The document was **revised to R5-221912**.

**R5-221912 Update for 6.4.2.1a EVM including symbols with transient period**

*Type: CR For: Agreement  
 38.521-1 v17.3.0 CR-1609 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea, ROHDE & SCHWARZ*

(Replaces R5-221336)

**Decision:** The document was **agreed**.

#### 5.4.3 TS 38.521-3

#### 5.4.4 TS 38.522

**R5-221333 New EVM test case applicability**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0156 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea, ROHDE & SCHWARZ*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221913**.

**R5-221913 New EVM test case applicability**

*Type: CR For: Agreement  
 38.522 v17.3.0 CR-0156 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea, ROHDE & SCHWARZ*

(Replaces R5-221333)

**Decision:** The document was **agreed**.

### 5.5 Routine Maintenance for LTE only TEIx\_Test

#### 5.5.1 LTE RF

##### 5.5.1.1 TS 36.508

**R5-220826 Update to GNSS configuration for E-UTRA V2X**

*Type: CR For: Agreement  
 36.508 v17.1.0 CR-1385 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221914**.

**R5-221914 Update to GNSS configuration for E-UTRA V2X**

*Type: CR For: Agreement  
 36.508 v17.1.0 CR-1385 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220826)

**Decision:** The document was **agreed**.

**R5-220827 Update to GNSS configuration for LTE aerial testing**

*Type: CR For: Agreement  
 36.508 v17.1.0 CR-1386 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221915**.

**R5-221915 Update to GNSS configuration for LTE aerial testing**

*Type: CR For: Agreement  
 36.508 v17.1.0 CR-1386 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220827)

**Decision:** The document was **agreed**.

**R5-220853 Correction of 4.1.1 on lower humidity limit in temperature test environment**

*Type: CR For: Agreement  
 36.508 v17.1.0 CR-1388 Cat: F (Rel-17)  
  
 Source: Samsung R&D Institute UK, ZTE Corporation*

**Abstract:**

In RAN5#90-e meeting, a CR R5-211127 on test environment conditions revised the normal temperature test environment with the lower humidity limit to 25%.

However, this issue has been discussed in previous GERAN (GP-080557) and RAN5 meetings many years ag

**Discussion:**

inverted TEI16 and \_RF in 3GU.

BV: put TEI8\_Test!

r3

**Decision:** The document was **revised to R5-221916**.

**R5-221916 Correction of 4.1.1 on lower humidity limit in temperature test environment**

*Type: CR For: Agreement  
 36.508 v17.1.0 CR-1388 rev 1 Cat: F (Rel-17)  
  
 Source: Samsung R&D Institute UK, ZTE Corporation*

(Replaces R5-220853)

**Decision:** The document was **agreed**.

**R5-221272 Correction of NB-IoT test frequency for band 85**

*Type: CR For: Agreement  
 36.508 v17.1.0 CR-1390 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

spec!

r1

**Decision:** The document was **revised to R5-221917**.

**R5-221917 Correction of NB-IoT test frequency for band 85**

*Type: CR For: Agreement  
 36.508 v17.1.0 CR-1390 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-221272)

**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)

**R5-220055 Correction of 6.6.2.2\_2 Additional Spectrum Emission Mask**

*Type: CR For: Agreement  
 36.521-1 v17.1.0 CR-5396 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Discussion:**

cl. aff.

r1

**Decision:** The document was **revised to R5-221918**.

**R5-221918 Correction of 6.6.2.2\_2 Additional Spectrum Emission Mask**

*Type: CR For: Agreement  
 36.521-1 v17.1.0 CR-5396 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-220055)

**Decision:** The document was **agreed**.

**R5-221144 Update to maximum output power for UL CA Band combo 2A-46A**

*Type: CR For: Agreement  
 36.521-1 v17.1.0 CR-5400 Cat: F (Rel-17)  
  
 Source: Qualcomm Tech. Netherlands B.V*

**Decision:** The document was **agreed**.

**R5-221271 Correction of maximum output power for CA test case**

*Type: CR For: Agreement  
 36.521-1 v17.1.0 CR-5401 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221919**.

**R5-221919 Correction of maximum output power for CA test case**

*Type: CR For: Agreement  
 36.521-1 v17.1.0 CR-5401 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-221271)

**Decision:** The document was **agreed**.

**R5-221364 Correction of RB allocation in LTE MPR CA test case**

*Type: CR For: Agreement  
 36.521-1 v17.1.0 CR-5402 Cat: F (Rel-17)  
  
 Source: Apple Portugal*

**Decision:** The document was **agreed**.

###### 5.5.1.3.2 Rx Requirements (Clause 7)

###### 5.5.1.3.3 Clauses 1-5, 8-10, Annexes

##### 5.5.1.4 TS 36.521-2

**R5-221177 Update to Inter Band UL CA Band combo 2A-46A**

*Type: CR For: Agreement  
 36.521-2 v16.11.0 CR-0977 Cat: F (Rel-16)  
  
 Source: Qualcomm Tech. Netherlands B.V*

**Decision:** The document was **agreed**.

##### 5.5.1.5 TS 36.521-3

**R5-220372 Correction of Default Configuration Parameters for Test 1 in Test Case 7.1.11**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2609 Cat: F (Rel-16)  
  
 Source: STMicroelectronics*

**Discussion:**

was wrong Rel & ver.

Offline comments from Qualcomm that the changes requested in the CR cannot be done without changing 36.133 specification.

r1

w/d

We would go with option 2 unless you recommend otherwise

**Decision:** The document was **revised to R5-221622**.

**R5-221622 Correction of Default Configuration Parameters for Test 1 in Test Case 7.1.11**

*Type: CR For: Agreement  
 36.521-3 v16.11.0 CR-2609 rev 1 Cat: F (Rel-16)  
  
 Source: STMicroelectronics*

(Replaces R5-220372)

**Decision:** The document was **withdrawn**.

##### 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

**R5-220535 Update test applicability to allow for support of limited GNSS combinations**

*Type: CR For: Agreement  
 37.571-1 v16.11.0 CR-0359 Cat: F (Rel-16)  
  
 Source: Bureau Veritas, Spirent Communications*

**Abstract:**

Update test applicability to align RAN5#93e agreed CR R5-217676

**Decision:** The document was **agreed**.

#### 5.6.10 TS 37.571-3

#### 5.6.11 TS 37.571-5

#### 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

#### 5.6.16 TR 37.901

#### 5.6.17 Discussion Papers, Work Plan, TC lists

### 5.7 Outgoing liaison statements for provisional approval

**R5-221604 LS on lower humidity limit in normal temperature test environment**

*Type: LS out For: Approval  
 to TSG WG RAN4  
 Source: TSG WG RAN5*

**Abstract:**

In RAN5#94-e meeting, the issue of lower humidity limit in normal temperature test environment was discussed in [1]. During the discussion, it is noted that there are inconsistencies on the lower humidity limit in the normal temperature test environment among 2G/3G/4G/5G specifications. The following examples list the excerption from some specifications for temperature conditions.

To track the issue on lower limit for humidity for normal test condition, we found that the issue had already been discussed in 3GPP meetings long time ago for GSM/WCDMA/LTE specs. At that time, there had already reached an agreement that no performance dependency on the lower limit for the humidity level is needed in 3GPP specs.

The reason for removing the lower humidity limit in normal conditions for 2G/3G should be also applicable to LTE, NR systems, since it is expected E-UTRA, NR requirements will be tested in same or equivalent test rooms as GSM and WCDMA systems are used. It should also be made sure all systems can be used in same normal conditions.

In addition, ETSI ERM/MSG TFES group agreed to remove the lower limit requirement from the EU harmonized standard EN 301 908-13, release 5, for E-UTRA UE requirements.

So for testing purpose, it doesn’t make any sense to keep the lower limit for the humidity level. To avoid having to declare a lower limit value in UE test, the lower value has been removed in GERAN, UTRAN and E-UTRAN test spec [3-5].

In RAN5#94-e meeting online discussion, it is commented that RAN5 is tasked to align the temperature test environment with the core spec in RAN4. Considering the inconsistency among the specifications, RAN5 would like to know the exact reason why the test condition for humidity in E-UTRA/NR specifications are different. RAN5 will further consider how to unify the normal test condition for humidity in E-UTRA/NR test specifications based on RAN4 decision in core spec.

Actions: To RAN4 group: RAN WG5 requests RAN WG4 to provide the reason why the lower humidity limit in normal temperature test environment differs in GERAN/UTRAN/E-UTRAN/NR. Are there any detail considerations to keep the lower humidity limit for normal test environment?

**Discussion:**

(sent)

**Decision:** The document was **approved**.

**R5-221613 LS on Additional RF requirements for NS\_03U, NS\_05U and NS\_43U**

*Type: LS out For: Approval  
 to TSG WG RAN4  
 Source: TSG WG RAN5*

**Abstract:**

In TS 38.101-1 clause 6.2.3, UE shall meet additional emission requirements on specific NR bands if NS\_03U, NS\_05U, NS\_43U are indicated by RRC signaling. But the specific additional emission requirements for these network signaling values are actually absent in current specification.

Taking NS\_05U as an example. According to TS 38.101-1 clause 6.2.3.1, UE should meet the additional emission requirement specified in clause 6.5.3.3.4 for NR band n1, n65 and n84 when NS\_05U is indicated in the field additionalSpectrumEmission. But in clause 6.5.3.3.4, there’s only additional requirements for NS\_05 specified. Additional requirements for NS\_05U are not included. And no instructions can be found throughout specification whether the requirements in table 6.5.3.3.4-1 can be applied for NS\_05U or not.

Similar issues also exist for NS\_03U and NS\_43U. The additional requirements in clause 6.5.2.3.3 for NS\_03U and 6.5.3.3.5 for NS\_43U are absent in TS 38.101-1.

The additional emission requirements for NS\_03U, NS\_05U and NS\_43U need to be clarified in TS 38.101-1. RAN5 respectfully requests RAN4 to reply with clarification of the additional emission requirements for NS\_03U, NS\_05U and NS\_43U in TS 38.101-1 subclauses 6.5.2.3.3, 6.5.3.3.4 and 6.5.3.3.5 so that RAN5 could correctly design the testing of these requirements.

Actions: To RAN4 group: RAN5 requests RAN4 to reply with clarification of the additional emission requirements for NS\_03U, NS\_05U and NS\_43U in TS 38.101-1 subclauses 6.5.2.3.3, 6.5.3.3.4 and 6.5.3.3.5.

**Discussion:**

(sent)

**Decision:** The document was **approved**.

**R5-221617 LS on SCell Dropping in FR2 RF UL-CA tests**

*Type: LS out For: Approval  
 to TSG WG RAN4  
 Source: TSG WG RAN5*

**Abstract:**

LS to RAN4 in lieu of the way forward based on discussions on R5-221346r2.

RAN5 has been discussing the issue seen in FR2 RF UL-CA conformance test cases wherein UEs stop transmitting UL signals of FR2 NR SCC (Scell Drop) when set to transmit at maximum power, as described in [3], [4] and [6].

RAN4 provided information to RAN5 via [1] on aspects to consider when defining FR2 UL-CA conformance test cases. In addition, RAN1 acknowledged via [5] that SCell drop due to priority rules can occur and that RAN1 has not identified any issue with the priority rules in TS 38.213.

RAN5 is considering the usage of a conformance-only test function to test FR2 RF UL-CA conformance tests, for 3GPP Release 16 and forward. Such a conformance-only test function approach includes usage of a parameter that defines the power back-off needed to be applied to the PCell to potentially avoid SCell drop in FR2 UL-CA conformance test cases [3]. RAN5 will further define the test procedures to accomplish the FR2 UL-CA conformance test as per the attached draftCRs endorsed by RAN5 [7] [8] [9].

RAN5 requests RAN4 for responses to the following questions:

a) Whether RAN4 sees a need to define within TS 38.101-2, the aforementioned power backoff parameter which will be used by conformance-only test function?

b) Whether RAN4 can share guidance on any impact on absolute and relative power tolerance accuracy that needs to be factored because of usage of such a conformance-only test function to apply power limits/back-off?

Actions: To RAN4 group: RAN5 requests RAN4 group to provide feedback on the questions raised above.

**Discussion:**

deferred.

email approved on last day Fri.

(sent)

**Decision:** The document was **approved**.

### 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

**R5-220014 Reply LS on Emergency call after Authentication Failure**

*Type: LS in For: Information  
 Original outgoing LS: C1-217256, to TSG WG RAN5, cc -  
 Source: TSG WG CT1*

**Discussion:**

moved to SIG.

**Decision:** The document was **noted**.

**R5-220018 Response LS on duplicated measurements for SCell**

*Type: LS in For: Information  
 Original outgoing LS: R2-2201924, to -, cc -  
 Source: TSG WG RAN2*

**Abstract:**

RAN2 would thanks RAN5 for their LS in R5-217991. The topic of duplicated measurement results when SCell is a neighbour cell has been discussed at RAN2#116bis. As a result, RAN2 would like to provide the following replies to the questions asked by RAN5:

Q

**Discussion:**

moved to SIG.

**Decision:** The document was **noted**.

### 6.3 Open Work Items

#### 6.3.1 5G system with NR and LTE (UID - 760087) 5GS\_NR\_LTE-UEConTest

##### 6.3.1.1 TS 38.508-1

###### 6.3.1.1.1 Generic Procedures and Test Procedures (Clauses 4.5, 4.5A & 4.9)

**R5-220103 Update chapter 4.5.1 General**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2173 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

input from MCC TF160 to add a note for NR connected to 5GC.

**Decision:** The document was **revised to R5-221419**.

**R5-221419 Update chapter 4.5.1 General**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2173 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-220103)

**Decision:** The document was **agreed**.

**R5-220240 Corrections to 4.9.17 on IMS MO call release**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2189 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220452 Correction to RF E-UTRA RRC\_CONNECTED procedure**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2200 Cat: F (Rel-17)  
  
 Source: MCC TF160, Anritsu*

**Discussion:**

Keysight UK/TF160: 36.300 cl. 13.1 and 23.401 cl. 4.7.2 specify:

When a data radio bearer exists, there is a one-to-one mapping between this data radio bearer and the EPS bearer. This means that a new dedicated EPS bearer shall be linked to the SCG DRB, as this cannot be linked to the same EPS bearer identity as the MCG.

You can have an MCG bearer terminated in the SN i.e. you can have just one DRB, which is configured on the NR cell, but if you want 2 DRBs, for an MCG and an SCG, then you will need a default bearer and a dedicated bearer.

R&S: is OK with the contents of R5-220452 and we do not see the need for the changes proposed by Keysight.

Keysight Spain: As we commented below, our proposal is to reduce RF EUTRA RRC\_CONNECTED state as much as possible considering RF testing does not care about DRB configuration. There is not any RF, RRM or Demod (except Demod SDR test case) where DRB is exercised.

Hence, considering this context, the proposal is to not activate a dedicated EPS bearer during RF E-UTRA RRC\_CONNECTED state for all RF, RRM and Demod test cases as it is not needed, saving unnecessary NSA message transaction for all NSA preambles, in all RF, RRM and Demod test cases. Of course, for doing that, only one DRB would be stablished at the end of RF E-UTRA CONNECTED state. In that case only SCG DRB would be stablished and MCG DRB would be release during RF E-UTRA RRC\_CONNECTED state.

Translating this proposal into RF E-UTRA RRC\_CONNECTED stated, step 12 would consider:

- MCG DRB release

- And, SCG DRB addition

- Linking SCG DRB to default EPS bearer

- Hence, no need to send ACTIVATE DEDICATED EPS BEARER

Then, RF E-UTRA RRC\_CONNECTED would finalize in step 13 as step 12 would not send ACTIVATE DEDICATED EPSA BEARER REQUEST

**Decision:** The document was **agreed**.

**R5-220542 Correction to cl 4.5.3 RRC\_INACTIVE generic procedure**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2205 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

deferred.

r1

**Decision:** The document was **revised to R5-222039**.

**R5-222039 Correction to cl 4.5.3 RRC\_INACTIVE generic procedure**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2205 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220542)

**Decision:** The document was **agreed**.

**R5-220768 Correction to test procedure for adding video to speech call in 5GC**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2241 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **withdrawn**.

**R5-220774 Corrections to test procedures 4.9.26 and 4.9.27**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2243 Cat: F (Rel-17)  
  
 Source: MCC TF160, ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-221402 Correction to generic procedure 4.9.7**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2292 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

late doc

needs more careful consideration and can be handled in next meeting.

**Decision:** The document was **withdrawn**.

###### 6.3.1.1.2 Default NG-RAN RRC messages and IEs (Clause 4.6)

**R5-220104 Update RRCReconfiguration**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2174 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-220105 Update IE P-Max**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2175 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-220143 Update IE FreqBandList**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2178 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-220144 Update IE CellGroupConfig**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2179 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-220145 Editorial update IE CellGroupId**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2180 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-220146 Editorial update IE PDCCH-ConfigCommon**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2181 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-220147 Editorial update IE SCellIndex**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2182 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-220148 Editorial update IE ServCellIndex**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2183 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-220149 Editorial update IE RAT-Type**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2184 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-220652 Correction to RRCReconfiguration message with condition REEST**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2233 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ, MediaTek, Ericsson*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221420**.

**R5-221420 Correction to RRCReconfiguration message with condition REEST**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2233 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ, MediaTek, Ericsson*

(Replaces R5-220652)

**Decision:** The document was **agreed**.

**R5-220670 Correction to the BWP-DownlinkDedicated.**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2235 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **withdrawn**.

**R5-221178 Correction to the BWP-DownlinkDedicated**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2277 Cat: F (Rel-17)  
  
 Source: MediaTek Inc., Rohde & Schwarz, Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221421**.

**R5-221421 Correction to the BWP-DownlinkDedicated**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2277 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc., Rohde & Schwarz, Anritsu*

(Replaces R5-221178)

**Decision:** The document was **agreed**.

**R5-221214 Update IE RadioBearerConfig**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2279 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

merged in R5-220652r2.

During review of those changes, TF160 has identified an issue within Table 4.6.3-132: RadioBearerConfig, for condition DRBn.

The condition DRBn is used for NR-DC and NE-DC and other cases of PDU session establishment. In case of NR-DC and NE-DC, the field defaultDRB shall be set to non default DRB (false), because we modify the PDU session to add an additional DRB, only one DRB can be set to default DRB in a PDU session (as per TS 38.331). When the condition DRBn is used in other context, the DRB should be set to true (default DRB). E.g. Table 4.5A.2.2.3-2: RRCReconfiguration … etc. So the conditions should be adapted for the 2 cases.

Unfortunately it is too late at this RAN5#94-e meeting to resolve the identified issues, so we propose that a RAN5 SIG Action Point is raised to document and track this issue.

**Decision:** The document was **withdrawn**.

**R5-221222 NE-DC support for UECapabilityEnquiry and UECapabilityInformation messages**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2280 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221422**.

**R5-221422 NE-DC support for UECapabilityEnquiry and UECapabilityInformation messages**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2280 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-221222)

**Decision:** The document was **agreed**.

**R5-221243 Update IE RadioBearerConfig**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2281 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

reissued as R5-221413 because of title change.

**Decision:** The document was **withdrawn**.

**R5-221413 Update IE SDAP-Config**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2293 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

reissued from R5-221243 because of title change.

**Decision:** The document was **agreed**.

###### 6.3.1.1.3 Default 5GC NAS messages and IEs (Clause 4.7)

**R5-220298 Correction to IMS MO speech call establishment generic procedure**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2194 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221423**.

**R5-221423 Correction to IMS MO speech call establishment generic procedure**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2194 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK*

(Replaces R5-220298)

**Decision:** The document was **agreed**.

###### 6.3.1.1.4 Test environment for SIG (Clause 6)

**R5-220449 Update of test frequencies for protocol testing and NR inter-band CA**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2199 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-220847 Addition of test frequency n53 in Table 6.2.3.1-4**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2253 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

late doc

TF160 requested deferral.

->solved.

first agreed, then put to 'not pursued' after the meeting.

The TF160 manager commented that currently TS 38.508-1 clause 6.2.3 has been designed and specified around the principle that for a given NR band we choose one CBW and one associated set of signalling test frequencies. This design principle also impacts other specs (e.g. 38.523-3). Since this CR was introducing CBW of 10Mhz (SCS 30Khz) while spec already has CBW of 5Mhz (SCS 15KHz) defined, this will essentially break the TTCN design principle and will not be implementable although the CR Is technically correct and might also be required in the ecosystem.

->Missing definition of channel bandwidth 10MHz (SCS = 30KHz) for n53 in TS 38.508-1 clause 6.2.3 for Signalling test cases.

**Decision:** The document was **not pursued**.

**R5-221377 Addition of Test frequencies for NE-DC band configurations for signalling testing**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2290 Cat: F (Rel-17)  
  
 Source: CMCC*

**Abstract:**

Pending CR is R5-220198.

**Discussion:**

late doc

**Decision:** The document was **agreed**.

**R5-221389 Correction to SIG test frequencies for intra-band non-contiguous CA**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2291 Cat: F (Rel-17)  
  
 Source: Huawei,Hisilicon, Starpoint*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

###### 6.3.1.1.5 Other clauses, Annexes

**R5-220111 Correction to test procedure 4.9.11 IMS Emergency call or eCall over IMS establishment in 5GC with IMS emergency registration**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2176 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221424**.

**R5-221424 Correction to test procedure 4.9.11 IMS Emergency call or eCall over IMS establishment in 5GC with IMS emergency registration**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2176 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-220111)

**Decision:** The document was **agreed**.

**R5-220112 Correction to test procedure 4.9.12 IMS Emergency call or eCall over IMS establishment in 5GC without IMS emergency registration**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2177 Cat: F (Rel-17)  
  
 Source: MediaTek Inc., Anritsu*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221425**.

**R5-221425 Correction to test procedure 4.9.12 IMS Emergency call or eCall over IMS establishment in 5GC without IMS emergency registration**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2177 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc., Anritsu*

(Replaces R5-220112)

**Decision:** The document was **agreed**.

**R5-220186 Editorial update of test procedure 4.9.15**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2186 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-220955 Updates to IE UE Route Selection Policy Rules**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2262 Cat: F (Rel-17)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

**R5-220956 Updates to IE Route Selection Descriptors**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2263 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221426**.

**R5-221426 Updates to IE Route Selection Descriptors**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2263 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220956)

**Decision:** The document was **agreed**.

##### 6.3.1.2 TS 38.508-2

**R5-220172 Introduction of common implementation conformance statements for NE-DC**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0287 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

comments from TF160.

r2

**Decision:** The document was **revised to R5-221427**.

**R5-221427 Introduction of common implementation conformance statements for NE-DC**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0287 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220172)

**Decision:** The document was **agreed**.

**R5-221094 Introduce and update PICS**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0315 Cat: F (Rel-17)  
  
 Source: Lenovo, Motorola Mobility, Qualcomm, Rhode & Schwarz*

**Discussion:**

r3

**Decision:** The document was **revised to R5-221428**.

**R5-221428 Introduce and update PICS**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0315 rev 1 Cat: F (Rel-17)  
  
 Source: Lenovo, Motorola Mobility, Qualcomm, Rhode & Schwarz*

(Replaces R5-221094)

**Decision:** The document was **agreed**.

##### 6.3.1.3 TS 38.509

**R5-220113 Editorial update of section 6.6.2 and 6.7**

*Type: CR For: Agreement  
 38.509 v16.3.0 CR-0051 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**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.

r1

**Decision:** The document was **revised to R5-221410**.

**R5-221410 Editorial update of section 6.6.2 and 6.7**

*Type: CR For: Agreement  
 38.509 v16.3.0 CR-0051 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-220113)

**Decision:** The document was **agreed**.

**R5-220265 Addition of test loop mode for NE-DC**

*Type: CR For: Agreement  
 38.509 v15.11.0 CR-0052 Cat: B (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r2

comments from TF160 (mainly editorial).

**Decision:** The document was **revised to R5-221429**.

**R5-221429 Addition of test loop mode for NE-DC**

*Type: CR For: Agreement  
 38.509 v15.11.0 CR-0052 rev 1 Cat: B (Rel-15)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220265)

**Decision:** The document was **agreed**.

**R5-220266 Addition of test loop mode for NE-DC**

*Type: CR For: Agreement  
 38.509 v16.3.0 CR-0053 Cat: A (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

mirror CR of R5-220265

**Discussion:**

cl. aff.

r3

comments from TF160 (mainly editorial).

**Decision:** The document was **revised to R5-221430**.

**R5-221430 Addition of test loop mode for NE-DC**

*Type: CR For: Agreement  
 38.509 v16.3.0 CR-0053 rev 1 Cat: A (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220266)

**Decision:** The document was **agreed**.

**R5-221386 Editorial update of section 6.7 in Rel-15**

*Type: CR For: Agreement  
 38.509 v15.11.0 CR-0057 Cat: F (Rel-15)  
  
 Source: MediaTek Inc.*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

##### 6.3.1.4 TS 38.523-1

###### 6.3.1.4.1 Clauses 1 - 5

###### 6.3.1.4.2 Idle Mode (Clause 6)

**R5-220187 Update of SIB modification steps for Idle TC 6.1.2.9, 6.1.2.18, 6.2.3.1 and 6.2.3.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2697 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221431**.

**R5-221431 Update of SIB modification steps for Idle TC 6.1.2.9, 6.1.2.18, 6.2.3.1 and 6.2.3.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2697 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-220187)

**Decision:** The document was **agreed**.

**R5-220301 Correction to Idle Mode SOR test case 6.3.1.5**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2715 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221432**.

**R5-221432 Correction to Idle Mode SOR test case 6.3.1.5**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2715 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

(Replaces R5-220301)

**Decision:** The document was **agreed**.

**R5-220391 Align the terminology being used for OTA environment (Idle Mode TCs)**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2732 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221433**.

**R5-221433 Align the terminology being used for OTA environment (Idle Mode TCs)**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2732 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220391)

**Decision:** The document was **agreed**.

**R5-220543 Correction to NR TC 6.4.1.1-PLMN Selection-Higher priority PLMN**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2752 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-221224 Update Connectivity NR to NR/5GC in clause 6**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2837 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

###### 6.3.1.4.3 Layer 2

6.3.1.4.3.1 NR Layer 2

6.3.1.4.3.1.1 Common Test Case Specific Values for Layer 2 (Clause 7.1.0)

6.3.1.4.3.1.2 MAC

**R5-220287 Correction to NR MAC test case 7.1.1.3.8.x**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2705 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK, Qualcomm*

**Decision:** The document was **agreed**.

**R5-220392 Align the terminology being used for OTA environment (MAC TCs)**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2733 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220544 Correction to NR TC 7.1.1.5.3-Short Cycle DRX**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2753 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-220640 Correction to NR-DC testcase 7.1.1.11.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2789 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Keysight, Qualcomm*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221434**.

**R5-221434 Correction to NR-DC testcase 7.1.1.11.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2789 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Keysight, Qualcomm*

(Replaces R5-220640)

**Decision:** The document was **agreed**.

**R5-220648 Correction to NR MAC testcase 7.1.1.3.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2792 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

no comments received.

**Decision:** The document was **agreed**.

**R5-220671 Correction to NR test case 7.1.1.9.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2797 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

deferred.

r2

**Decision:** The document was **revised to R5-222044**.

**R5-222044 Correction to NR test case 7.1.1.9.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2797 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220671)

**Decision:** The document was **agreed**.

**R5-221225 Update Connectivity NR to NR/5GC in clause 7 MAC**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2838 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

6.3.1.4.3.1.3 RLC

**R5-220453 Deletion of Editor's Note below clause 7.1.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2742 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-221227 Update Connectivity NR to NR/5GC in clause 7 RLC**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2840 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

6.3.1.4.3.1.4 PDCP

**R5-220641 Correction to NR PDCP test case 7.1.3.5.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2790 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-221226 Update Connectivity NR to NR/5GC in clause 7 PDCP**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2839 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

6.3.1.4.3.1.5 SDAP

**R5-220302 Correction to NR SDAP test case 7.1.4.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2716 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK, MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221435**.

**R5-221435 Correction to NR SDAP test case 7.1.4.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2716 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK, MCC TF160*

(Replaces R5-220302)

**Decision:** The document was **agreed**.

###### 6.3.1.4.4 RRC

6.3.1.4.4.1 NR RRC

6.3.1.4.4.2 MR-DC RRC

6.3.1.4.4.1.1 RRC Connection Management Procedures (clause 8.1.1)

**R5-220159 Correction to NR TC 8.1.1.4.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2694 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Decision:** The document was **withdrawn**.

**R5-220393 Align the terminology being used for OTA environment (RRC 8.1.1.x TCs)**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2734 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

was wrong AI.

r1

**Decision:** The document was **revised to R5-221436**.

**R5-221436 Align the terminology being used for OTA environment (RRC 8.1.1.x TCs)**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2734 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220393)

**Decision:** The document was **agreed**.

**R5-220545 Correction to NR SA TC 8.1.1.3.7-RRC release**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2754 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-220649 Correction to NR test case 8.1.1.4.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2793 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, TDIA, CATT, Spreadtrum*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221437**.

**R5-221437 Correction to NR test case 8.1.1.4.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2793 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, TDIA, CATT, Spreadtrum*

(Replaces R5-220649)

**Decision:** The document was **agreed**.

6.3.1.4.4.1.2 RRC Reconfiguration (clause 8.1.2)

**R5-220546 Correction to NR TC 8.1.2.1.1-RRC Reconfiguration**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2755 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221438**.

**R5-221438 Correction to NR TC 8.1.2.1.1-RRC Reconfiguration**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2755 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220546)

**Decision:** The document was **agreed**.

6.3.1.4.4.2.1 RRC UE Capability / Others (clause 8.2.1)

**R5-220849 Editorial Updates to Clause 8.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2812 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **agreed**.

**R5-221391 Correction to NR RRC test cases 8.2.1.1.1 and 8.2.1.1.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2860 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

6.3.1.4.4.1.3 RRC Measurement Configuration Control and Reporting (clause 8.1.3)

**R5-220098 Update the FR2 cell powers of test case 8.1.3.2.6**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2671 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Decision:** The document was **agreed**.

**R5-220099 Update the FR2 cell powers of test case 8.1.3.2.7**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2672 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Decision:** The document was **withdrawn**.

**R5-220100 Update the FR2 cell powers of test case 8.1.3.2.8**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2673 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Decision:** The document was **agreed**.

**R5-220394 Align the terminology being used for OTA environment (RRC 8.1.3.x TCs)**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2735 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221439**.

**R5-221439 Align the terminology being used for OTA environment (RRC 8.1.3.x TCs)**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2735 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220394)

**Decision:** The document was **agreed**.

6.3.1.4.4.2.2 RRC Radio Bearer (clause 8.2.2)

**R5-220548 Correction to NR SA TC 8.2.2.2.1-Split SRB**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2757 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

6.3.1.4.4.1.3 RRC Measurement Configuration Control and Reporting (clause 8.1.3)

**R5-221228 Update Connectivity NR to NR/5GC in clause 8.1.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2841 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

6.3.1.4.4.2.2 RRC Radio Bearer (clause 8.2.2)

**R5-221232 Update Connectivity NR to NR/5GC in clause 8.2.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2845 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

6.3.1.4.4.2.3 RRC Measurement / Handovers (clause 8.2.3)

**R5-220106 Addition of new test case 8.2.3.6.2 for Intra-frequency measurements Event A3 in NE-DC**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2675 Cat: F (Rel-16)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221443**.

**R5-221443 Addition of new test case 8.2.3.6.2 for Intra-frequency measurements Event A3 in NE-DC**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2675 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC*

(Replaces R5-220106)

**Decision:** The document was **agreed**.

**R5-220107 Addition of new test case 8.2.3.6.2a for Inter-frequency measurements Event A3 in NE-DC**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2676 Cat: F (Rel-16)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221444**.

**R5-221444 Addition of new test case 8.2.3.6.2a for Inter-frequency measurements Event A3 in NE-DC**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2676 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC*

(Replaces R5-220107)

**Decision:** The document was **agreed**.

**R5-220162 Addition of new test case 8.2.3.6.2b for Inter-band measurements Event A3 in NE-DC**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2696 Cat: F (Rel-16)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221445**.

**R5-221445 Addition of new test case 8.2.3.6.2b for Inter-band measurements Event A3 in NE-DC**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2696 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC*

(Replaces R5-220162)

**Decision:** The document was **agreed**.

6.3.1.4.4.1.4 RRC Handover (clause 8.1.4)

**R5-220188 Editorial update of NR RRC TC 8.1.4.1.7.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2698 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-220189 Editorial update of NR RRC TC 8.1.4.1.8.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2699 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-220288 Correction to NR RRC test case 8.1.4.1.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2706 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221440**.

**R5-221440 Correction to NR RRC test case 8.1.4.1.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2706 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

(Replaces R5-220288)

**Decision:** The document was **agreed**.

6.3.1.4.4.2.3 RRC Measurement / Handovers (clause 8.2.3)

**R5-220291 Correction to NR-DC RRC test case 8.2.3.14.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2709 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK, Qualcomm*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221446**.

**R5-221446 Correction to NR-DC RRC test case 8.2.3.14.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2709 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK, Qualcomm*

(Replaces R5-220291)

**Decision:** The document was **agreed**.

6.3.1.4.4.1.4 RRC Handover (clause 8.1.4)

**R5-220395 Align the terminology being used for OTA environment (RRC 8.1.4.x TCs)**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2736 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221441**.

**R5-221441 Align the terminology being used for OTA environment (RRC 8.1.4.x TCs)**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2736 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220395)

**Decision:** The document was **agreed**.

6.3.1.4.4.2.3 RRC Measurement / Handovers (clause 8.2.3)

**R5-220396 Align the terminology being used for OTA environment (RRC 8.2.3.x)**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2737 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r2

comments from TF160 (mainly editorial).

**Decision:** The document was **revised to R5-221447**.

**R5-221447 Align the terminology being used for OTA environment (RRC 8.2.3.x)**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2737 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220396)

**Decision:** The document was **agreed**.

6.3.1.4.4.1.4 RRC Handover (clause 8.1.4)

**R5-220547 Correction to NR SA TC 8.1.4.1.7.x-SCell release**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2756 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221442**.

**R5-221442 Correction to NR SA TC 8.1.4.1.7.x-SCell release**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2756 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220547)

**Decision:** The document was **agreed**.

6.3.1.4.4.2.3 RRC Measurement / Handovers (clause 8.2.3)

**R5-220839 Correction to NR-DC RRC test case 8.2.3.11.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2804 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221448**.

**R5-221448 Correction to NR-DC RRC test case 8.2.3.11.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2804 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-220839)

**Decision:** The document was **agreed**.

**R5-221229 Update Connectivity NR to NR/5GC in clause 8.2.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2842 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

6.3.1.4.4.1.4 RRC Handover (clause 8.1.4)

**R5-221392 Correction to the NR5GC testcases 8.1.4.1.9.1, 8.1.4.1.9.2 and 8.1.4.1.9.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2861 Cat: F (Rel-16)  
  
 Source: Rohde&Schwarz*

**Abstract:**

Parikshit

**Discussion:**

late doc

**Decision:** The document was **agreed**.

6.3.1.4.4.2.4 RRC Carrier Aggregation (clause 8.2.4)

**R5-220397 Align the terminology being used for OTA environment (RRC 8.2.4.x)**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2738 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220662 Correction to NR testcases 8.2.4.1.1.1, 8.2.4.1.1.2 and 8.2.4.1.1.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2795 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221449**.

**R5-221449 Correction to NR testcases 8.2.4.1.1.1, 8.2.4.1.1.2 and 8.2.4.1.1.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2795 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220662)

**Decision:** The document was **agreed**.

6.3.1.4.4.1.5 RRC Others (clause 8.1.5)

**R5-221105 Correction to NR testcase 8.1.5.2.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2831 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-221230 Update Connectivity NR to NR/5GC in clause 8.1.5**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2843 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-221368 Correction to NR RRC test case 8.1.5.2.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2857 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Decision:** The document was **agreed**.

6.3.1.4.4.2.5 RRC Reconfiguration / Radio Link Failure (clause 8.2.5)

**R5-220277 Clarifications on 5G NR connectivity options for SIG**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2704 Cat: F (Rel-16)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221450**.

**R5-221450 Clarifications on 5G NR connectivity options for SIG**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2704 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC*

(Replaces R5-220277)

**Decision:** The document was **agreed**.

**R5-220504 Correction to NR RRC test case 8.1.5.2.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2744 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Decision:** The document was **withdrawn**.

6.3.1.4.4.2.6 RRC Others (clause 8.2.6)

**R5-221231 Update Connectivity NR to NR/5GC in clause 8.2.6**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2844 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

6.3.1.4.4.2.7 RRC Resume (clause 8.2.7)

**R5-220156 Correction to NR-DC TC 8.2.7.2.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2692 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Decision:** The document was **agreed**.

###### 6.3.1.4.5 5GS Mobility Management

6.3.1.4.5.1 MM Primary authentication and key agreement (clause 9.1.1)

**R5-220454 Correction to 5GC test case 9.1.1.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2743 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

6.3.1.4.5.2 MM Security mode control, Identification & Generic UE configuration update (clauses 9.1.2, 9.1.3 & 9.1.4)

**R5-220114 Update of date for 5GC TC 9.1.4.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2677 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Datang Linktester*

**Discussion:**

first agreed, then r1

based on comments from TF160 and R&S.

**Decision:** The document was **revised to R5-221451**.

**R5-221451 Update of date for 5GC TC 9.1.4.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2677 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Datang Linktester*

(Replaces R5-220114)

**Decision:** The document was **agreed**.

**R5-220549 Correction to NR TC 9.1.4.1-Generic UE configuration update**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2758 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

6.3.1.4.5.3 MM Registration & De-registration (clauses 9.1.5 & 9.1.6)

**R5-220367 Correction to NAS 5GMM test case 9.1.5.1.15**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2726 Cat: F (Rel-16)  
  
 Source: Anritsu Ltd, Rohde and Schwarz*

**Decision:** The document was **agreed**.

**R5-221233 Update Connectivity NR to NR/5GC in clause 9.1.5**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2846 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

6.3.1.4.5.4 MM Service Request (clause 9.1.7)

6.3.1.4.5.5 MM SMS Over NAS (clause 9.1.8)

6.3.1.4.5.6 Inter-system Mobility (clause 9.3)

**R5-221234 Update Connectivity NR to NR/5GC in clause 9.3.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2847 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

###### 6.3.1.4.6 5GS Session Management

6.3.1.4.6.1 SM PDU session authentication and authorization (clause 10.1.1)

**R5-220550 Correction to NR TC 10.1.1.1-PDU session authentication and authorization**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2759 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-220551 Correction to NR TC 10.1.1.2-After the UE-requested PDU session procedure**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2760 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

6.3.1.4.6.2 SM Network-requested PDU session modification & release (clauses 10.1.2 & 10.1.3)

6.3.1.4.6.3 SM UE-requested PDU session establishment, modification & release (clauses 10.1.4, 10.1.5 & 10.1.6)

###### 6.3.1.4.7 EN-DC Session Management

**R5-220552 Correction to ENDC TC 10.2.2.1-EPS bearer resource allocation**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2761 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

###### 6.3.1.4.8 5GS Multilayer and Services

6.3.1.4.8.1 EPS Fallback

**R5-220268 Add test case 11.1.1a**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2703 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221452**.

**R5-221452 Add test case 11.1.1a**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2703 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-220268)

**Decision:** The document was **agreed**.

**R5-220398 Align the terminology being used for OTA environment (EPS Fallback TCs)**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2739 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220553 Correction to NR TC 11.1.5-EPS Fallback from NR Connected without N26**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2762 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, CATT, Datang Linktester*

**Discussion:**

r3

**Decision:** The document was **revised to R5-221453**.

**R5-221453 Correction to NR TC 11.1.5-EPS Fallback from NR Connected without N26**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2762 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, CATT, Datang Linktester*

(Replaces R5-220553)

**Decision:** The document was **agreed**.

**R5-220554 Correction to NR TC 11.1.6-EPS Fallback from NR Idle without N26**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2763 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, CATT, Datang Linktester*

**Discussion:**

first agreed. then r1

r2

**Decision:** The document was **revised to R5-221454**.

**R5-221454 Correction to NR TC 11.1.6-EPS Fallback from NR Idle without N26**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2763 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, CATT, Datang Linktester*

(Replaces R5-220554)

**Decision:** The document was **agreed**.

**R5-220644 Correction to NR5GC testcase 11.1.7**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2791 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Qualcomm*

**Discussion:**

no comments received.

**Decision:** The document was **agreed**.

**R5-221195 Update to test cases 11.1.1, 11.1.3, 11.1.4, 11.1.8 and 11.1.9**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2833 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

no overlap.

**Decision:** The document was **revised to R5-221455**.

**R5-221455 Update to test cases 11.1.1, 11.1.3, 11.1.4, 11.1.8 and 11.1.9**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2833 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-221195)

**Decision:** The document was **agreed**.

**R5-221235 Update Connectivity NR to NR/5GC in clause 11.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2848 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-221406 Correction to NR TC 11.1.2-EPS Fallback with redirection without N26**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2865 Cat: F (Rel-16)  
  
 Source: Huawei,Hisilicon*

**Discussion:**

late doc; CR# changed later!

**Decision:** The document was **agreed**.

6.3.1.4.8.2 5G-SRVCC

**R5-220095 Update the FR2 cell powers of test case 11.2.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2670 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Decision:** The document was **agreed**.

6.3.1.4.8.3 Unified Access Control (UAC)

**R5-220190 Update of UAC TC 11.3.1 and 11.3.1a**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2700 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

merged into R5-220555r1.

**Decision:** The document was **withdrawn**.

**R5-220294 Correction to UAC test case 11.3.1a**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2712 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Discussion:**

deferred.

r1

**Decision:** The document was **revised to R5-222048**.

**R5-222048 Correction to UAC test case 11.3.1a**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2712 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

(Replaces R5-220294)

**Decision:** The document was **agreed**.

**R5-220295 Correction to UAC test case 11.3.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2713 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK, Qualcomm, Huawei, Hisilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221456**.

**R5-221456 Correction to UAC test case 11.3.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2713 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

(Replaces R5-220295)

**Decision:** The document was **agreed**.

**R5-220296 Correction to UAC test case 11.3.6**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2714 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK, Qualcomm*

**Discussion:**

WIC cover NR\_SON\_MDT??

r1

**Decision:** The document was **revised to R5-221457**.

**R5-221457 Correction to UAC test case 11.3.6**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2714 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK, Qualcomm*

(Replaces R5-220296)

**Decision:** The document was **agreed**.

**R5-220325 Correction to TC 11.3.8 UAC / Access Identity 0 / NR RRC\_IDLE / Cell re-selection while T390 is running**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2717 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221458**.

**R5-221458 Correction to TC 11.3.8 UAC / Access Identity 0 / NR RRC\_IDLE / Cell re-selection while T390 is running**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2717 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-220325)

**Decision:** The document was **withdrawn**.

**R5-220399 Align the terminology being used for OTA environment (UAC TCs)**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2740 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **withdrawn**.

**R5-220555 Correction to NR TC 11.3.1-UAC for MO Speech Call and SMSoIP**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2764 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, CATT, Datang Linktester, MediaTek Inc.*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221459**.

**R5-221459 Correction to NR TC 11.3.1-UAC for MO Speech Call and SMSoIP**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2764 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, CATT, Datang Linktester, MediaTek Inc.*

(Replaces R5-220555)

**Decision:** The document was **agreed**.

**R5-220556 Correction to NR TC 11.3.2-UAC for Emergency Call**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2765 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

same changes (fixing the PICS ) as Qualcomm CR R5-220848.

**Decision:** The document was **withdrawn**.

**R5-220557 Correction to NR TC 11.3.5-UAC New cell not in the country of its HPLMN**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2766 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon, CATT, Datang Linktester*

**Decision:** The document was **agreed**.

**R5-220558 Correction to NR TC 11.3.6-UAC for Access Identity 2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2767 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

still needed further discussion. deferred.

TDIA: If the time cell selection takes is uncertain, It's hard to say exactly why UE did not send RRCSetupRequest in 20s or 120s, is it because of cell selection or Barring?

We think it makes TP1 not testable.

Could we change TP1 using Access Category 7(checking MO-data) instead of Access Category 3(checking MO-sig, mobility registration), and corresponding steps?

r1

**Decision:** The document was **revised to R5-222036**.

**R5-222036 Correction to NR TC 11.3.6-UAC for Access Identity 2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2767 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220558)

**Discussion:**

withdrawn.

Could not reach agreement with TF160.

**Decision:** The document was **withdrawn**.

**R5-220559 Correction to NR TC 11.3.9-UAC for ODAC**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2768 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-220848 Correction to NR test case 11.3.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2811 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

the PICS update is being handled in Keysight CR R5-220295.

**Decision:** The document was **withdrawn**.

**R5-221236 Update Connectivity NR to NR/5GC in clause 11.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2849 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

6.3.1.4.8.4 Emergency Services

**R5-220403 Addition of new 5GS IMS test case 11.4.12**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2741 Cat: F (Rel-16)  
  
 Source: NTT DOCOMO, INC.*

**Discussion:**

was wrong AI.

cover Rel-15!

r1

**Decision:** The document was **revised to R5-221460**.

**R5-221460 Addition of new 5GS IMS test case 11.4.12**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2741 rev 1 Cat: F (Rel-16)  
  
 Source: NTT DOCOMO, INC.*

(Replaces R5-220403)

**Decision:** The document was **agreed**.

**R5-220560 Correction to NR TC 11.4.1-emergency call and authentication failure**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2769 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-220561 Correction to NR TC 11.4.10-N26 not supported - N1 to S1 transfer of an existing emergency PDU session**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2770 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

deferred.

r1

**Decision:** The document was **revised to R5-221417**.

**R5-221417 Correction to NR TC 11.4.10-N26 not supported - N1 to S1 transfer of an existing emergency PDU session**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2770 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220561)

**Discussion:**

voided test case-> reissued as R5-221418 because of title change.

**Decision:** The document was **withdrawn**.

**R5-221418 Removal of test case 11.4.10 - N26 not supported - N1 to S1 transfer of an existing emergency PDU session**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2864 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

reissued from R5-220561/1417 because of title change

**Decision:** The document was **agreed**.

**R5-221237 Update Connectivity NR to NR/5GC in clause 11.4**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2850 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

6.3.1.4.8.5 3GPP PS Data Off

**R5-221223 Update to test case 11.6.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2836 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221461**.

**R5-221461 Update to test case 11.6.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2836 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-221223)

**Decision:** The document was **agreed**.

**R5-221238 Adition of new test case 11.6.3 Data Off / SMSoIP**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2851 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

##### 6.3.1.5 TS 38.523-2

**R5-220108 Applicability statement for new test cases for NE-DC RRC**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0196 Cat: F (Rel-16)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222038**.

**R5-222038 Applicability statement for new test cases for NE-DC RRC**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0196 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC*

(Replaces R5-220108)

**Decision:** The document was **agreed**.

**R5-220150 Update test applicabilities of UAC test cases supporting IMS voice**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0197 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Decision:** The document was **withdrawn**.

**R5-220242 Updating applicability statements of Data Off test cases**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0198 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220243 Update of 5G-NR test cases applicability**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0199 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221462**.

**R5-221462 Update of 5G-NR test cases applicability**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0199 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-220243)

**Decision:** The document was **agreed**.

**R5-220267 Add applicability for test case 11.1.1a**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0200 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-220299 Correction to applicability of UAC test case 11.3.2**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0201 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Discussion:**

merged with Sporton CR R5-220949.

**Decision:** The document was **withdrawn**.

**R5-220404 Addition of applicability for emergency call eatablishment over EPS with disabling N1 mode**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0202 Cat: F (Rel-16)  
  
 Source: NTT DOCOMO, INC.*

**Discussion:**

was wrong AI.

cover Rel-15!

r1

**Decision:** The document was **revised to R5-221463**.

**R5-221463 Addition of applicability for emergency call eatablishment over EPS with disabling N1 mode**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0202 rev 1 Cat: F (Rel-16)  
  
 Source: NTT DOCOMO, INC.*

(Replaces R5-220404)

**Decision:** The document was **agreed**.

**R5-220668 Correction the condition of 38.523-1 TC11.3.2 and TC11.3.8 and Test case Selection Expression of C61**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0205 Cat: F (Rel-16)  
  
 Source: SGS Wireless*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221464**.

**R5-221464 Correction the condition of 38.523-1 TC11.3.2 and TC11.3.8 and Test case Selection Expression of C61**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0205 rev 1 Cat: F (Rel-16)  
  
 Source: SGS Wireless*

(Replaces R5-220668)

**Decision:** The document was **agreed**.

**R5-220949 Correct of conditions for Uplink Data Transfer and Unified Access Control**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0206 Cat: F (Rel-16)  
  
 Source: Sporton, Keysight, CATT, TDIA, SGS Wireless*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221465**.

**R5-221465 Correct of conditions for Uplink Data Transfer and Unified Access Control**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0206 rev 1 Cat: F (Rel-16)  
  
 Source: Sporton, Keysight, CATT, TDIA, SGS Wireless*

(Replaces R5-220949)

**Decision:** The document was **agreed**.

**R5-221241 Addition of applicability for new test case 11.6.3**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0214 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-221242 Updates to emergency applicabilities and conditions**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0215 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

r3

**Decision:** The document was **revised to R5-221466**.

**R5-221466 Updates to emergency applicabilities and conditions**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0215 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-221242)

**Decision:** The document was **agreed**.

##### 6.3.1.6 TS 38.523-3

**R5-220455 5G Rel-15: Test Models updates**

*Type: CR For: Agreement  
 38.523-3 v17.1.0 CR-2367 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221467**.

**R5-221467 5G Rel-15: Test Models updates**

*Type: CR For: Agreement  
 38.523-3 v17.1.0 CR-2367 rev 1 Cat: F (Rel-17)  
  
 Source: MCC TF160*

(Replaces R5-220455)

**Decision:** The document was **agreed**.

##### 6.3.1.7 TS 34.229-1

**R5-220058 Clarification on Accept-Contact header**

*Type: CR For: Agreement  
 34.229-1 v16.0.0 CR-1486 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

##### 6.3.1.8 TS 34.229-2

**R5-220185 Update applicability for test case 7.4**

*Type: CR For: Agreement  
 34.229-2 v16.1.0 CR-0301 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-220194 Add applicabilities for EVS B0 and A1**

*Type: CR For: Agreement  
 34.229-2 v16.1.0 CR-0302 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221468**.

**R5-221468 Add applicabilities for EVS B0 and A1**

*Type: CR For: Agreement  
 34.229-2 v16.1.0 CR-0302 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-220194)

**Decision:** The document was **agreed**.

**R5-220213 Corrections for IMS5GS test cases**

*Type: CR For: Agreement  
 34.229-2 v16.1.0 CR-0303 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220983 Update to applicability of test case 6.4**

*Type: CR For: Agreement  
 34.229-2 v16.1.0 CR-0304 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

Qualcomm: we didn’t receive any preference on having optional TP vs split test case during offline discussion.

So, I proceeded further with optional TP for 34.229-5 test case 6.4.

replacement Tdoc R5-221400.

**Decision:** The document was **withdrawn**.

**R5-221217 Update for IMS emergency service applicability**

*Type: CR For: Agreement  
 34.229-2 v16.1.0 CR-0307 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

r3

**Decision:** The document was **revised to R5-221469**.

**R5-221469 Update for IMS emergency service applicability**

*Type: CR For: Agreement  
 34.229-2 v16.1.0 CR-0307 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-221217)

**Decision:** The document was **agreed**.

**R5-221218 Updates to IMS security applicabilities**

*Type: CR For: Agreement  
 34.229-2 v16.1.0 CR-0308 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

##### 6.3.1.9 TS 34.229-3

##### 6.3.1.10 TS 34.229-5

**R5-220155 Update test case 7.4a**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0284 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

offline comments from Rohde & Schwarz.

r1

**Decision:** The document was **revised to R5-221470**.

**R5-221470 Update test case 7.4a**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0284 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-220155)

**Decision:** The document was **agreed**.

**R5-220171 Add generic procedure for default MO voice call**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0285 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-220174 Update test case 7.4**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0286 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-220214 Corrections to A.6**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0288 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220215 Corrections to usage or non-usage of mode-set**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0289 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Apple Inc*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221471**.

**R5-221471 Corrections to usage or non-usage of mode-set**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0289 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Apple Inc*

(Replaces R5-220215)

**Decision:** The document was **agreed**.

**R5-220216 Corrections to TC 10.1**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0290 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222037**.

**R5-222037 Corrections to TC 10.1**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0290 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220216)

**Decision:** The document was **agreed**.

**R5-220217 Corrections to TC 10.2**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0291 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221472**.

**R5-221472 Corrections to TC 10.2**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0291 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220217)

**Decision:** The document was **agreed**.

**R5-220218 Addition of IMS5GS test case 10.7**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0292 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221473**.

**R5-221473 Addition of IMS5GS test case 10.7**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0292 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220218)

**Decision:** The document was **agreed**.

**R5-220219 Addition of IMS5GS TC 10.8**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0293 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221474**.

**R5-221474 Addition of IMS5GS TC 10.8**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0293 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220219)

**Decision:** The document was **agreed**.

**R5-220220 Corrections to TC 7.24**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0294 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220221 Corrections to TC 7.24a**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0295 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220222 Corrections to TC 7.24b**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0296 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Huawei*

**Discussion:**

Huawei's R5-220646 was merged into this doc.

r1

**Decision:** The document was **revised to R5-221475**.

**R5-221475 Corrections to TC 7.24b**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0296 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Huawei*

(Replaces R5-220222)

**Decision:** The document was **agreed**.

**R5-220223 Corrections to TC 8.8**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0297 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **withdrawn**.

**R5-220224 Corrections to TC 8.34**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0298 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220225 Corrections to TC 8.35**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0299 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220226 Corrections to TC 8.36**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0300 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **withdrawn**.

**R5-220227 Corrections to TC 8.37**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0301 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220228 Corrections to TC 8.38**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0302 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

needs to correct table numbering.

r2

**Decision:** The document was **revised to R5-221476**.

**R5-221476 Corrections to TC 8.38**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0302 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220228)

**Decision:** The document was **agreed**.

**R5-220229 Corrections to TC 8.41**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0303 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220230 Corrections to TC 7.25**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0304 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220231 Corrections to TC 7.27**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0305 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Apple Inc*

**Decision:** The document was **agreed**.

**R5-220232 Corrections to TC 7.6**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0306 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221477**.

**R5-221477 Corrections to TC 7.6**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0306 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220232)

**Decision:** The document was **agreed**.

**R5-220233 Corrections to TC 8.28**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0307 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220234 Addition of IMS5GS TC 8.39**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0308 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220235 Addition of IMS5GS TC 8.39a**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0309 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220236 Corrections to TC 8.8**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0310 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221478**.

**R5-221478 Corrections to TC 8.8**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0310 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220236)

**Decision:** The document was **agreed**.

**R5-220237 Corrections to TC 8.36**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0311 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221479**.

**R5-221479 Corrections to TC 8.36**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0311 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220237)

**Decision:** The document was **agreed**.

**R5-220238 Corrections to test case titles**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0312 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220239 Voiding unused test case numbers**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0313 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221480**.

**R5-221480 Voiding unused test case numbers**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0313 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220239)

**Decision:** The document was **agreed**.

**R5-220244 Corrections to TC 7.26**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0314 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220245 Corrections to TC 7.20**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0315 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Huawei*

**Discussion:**

Huawei's R5-220562 was merged into this doc.

r1

**Decision:** The document was **revised to R5-221481**.

**R5-221481 Corrections to TC 7.20**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0315 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Huawei*

(Replaces R5-220245)

**Decision:** The document was **agreed**.

**R5-220246 Corrections to TC 7.21**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0316 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221482**.

**R5-221482 Corrections to TC 7.21**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0316 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-220246)

**Decision:** The document was **agreed**.

**R5-220264 Corrections to TC 10.3**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0317 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

overlap with R5-221037.

**Decision:** The document was **withdrawn**.

**R5-220402 Correction of 5GS IMS test case 10.9**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0318 Cat: F (Rel-16)  
  
 Source: NTT DOCOMO, INC.*

**Discussion:**

cover Rel-15!

r1

**Decision:** The document was **revised to R5-221483**.

**R5-221483 Correction of 5GS IMS test case 10.9**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0318 rev 1 Cat: F (Rel-16)  
  
 Source: NTT DOCOMO, INC.*

(Replaces R5-220402)

**Decision:** The document was **agreed**.

**R5-220562 Correction to NR IMS TC 7.20-MTSI MO Voice Call to add video and remove video with preconditions**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0319 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

merged into R&S's R5-220245.

**Decision:** The document was **withdrawn**.

**R5-220563 Correction to NR IMS TC 7.21-MTSI MT Voice Call to add video and remove video without preconditions**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0320 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221484**.

**R5-221484 Correction to NR IMS TC 7.21-MTSI MT Voice Call to add video and remove video without preconditions**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0320 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220563)

**Decision:** The document was **agreed**.

**R5-220564 Correction to NR IMS TC 7.23-MTSI MT Voice Call to add video and remove video without preconditions**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0321 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221485**.

**R5-221485 Correction to NR IMS TC 7.23-MTSI MT Voice Call to add video and remove video without preconditions**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0321 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220564)

**Decision:** The document was **agreed**.

**R5-220565 Correction to NR IMS TC 7.4-MTSI MO Voice Call with preconditions**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0322 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-220566 Correction to NR IMS TC 8.40-User initiated USSI**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0323 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221486**.

**R5-221486 Correction to NR IMS TC 8.40-User initiated USSI**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0323 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220566)

**Decision:** The document was **agreed**.

**R5-220646 Correction to NR IMS TC 7.24b-MTSI MO Voice Call Forking**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0324 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

merged into R&S's R5-220222.

**Decision:** The document was **withdrawn**.

**R5-220647 Correction to NR IMS generic procedure A.4.1-MTSI MO Voice Call with preconditions**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0325 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-220763 Corrections to TC 10.9**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0326 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220852 Correction to IMS5GS test cases 7.21**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0327 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

late doc

**Decision:** The document was **withdrawn**.

**R5-221037 Corrections to TC 10.3**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0332 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221487**.

**R5-221487 Corrections to TC 10.3**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0332 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-221037)

**Decision:** The document was **agreed**.

**R5-221219 Update of XCAP test case Preambles**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0333 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

r1

not yet agreed

**Decision:** The document was **revised to R5-221488**.

**R5-221488 Update of XCAP test case Preambles**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0333 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-221219)

**Decision:** The document was **agreed**.

**R5-221387 Corrections to A.9**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0334 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-221489**.

**R5-221489 Corrections to A.9**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0334 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-221387)

**Decision:** The document was **agreed**.

**R5-221400 Update to test case 6.4**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0335 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-222046**.

**R5-222046 Update to test case 6.4**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0335 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-221400)

**Decision:** The document was **agreed**.

##### 6.3.1.11 TS 36.508

**R5-220300 Update SCG-Configuration-r12-NE-DC**

*Type: CR For: Agreement  
 36.508 v17.1.0 CR-1382 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-220851 Updates to Table 4.7.3-6 for "without N26 Interface"**

*Type: CR For: Agreement  
 36.508 v17.1.0 CR-1387 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

late doc

**Decision:** The document was **withdrawn**.

##### 6.3.1.12 TS 36.509

##### 6.3.1.13 TS 36.523-1

##### 6.3.1.14 TS 36.523-2

**R5-220176 Update applicability for IMS emergency**

*Type: CR For: Agreement  
 36.523-2 v17.0.0 CR-1366 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

TF160 manager: wrong WiC+AI

cover Rel-16!

r1

**Decision:** The document was **revised to R5-221408**.

**R5-221408 Update applicability for IMS emergency**

*Type: CR For: Agreement  
 36.523-2 v17.0.0 CR-1366 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-220176)

**Decision:** The document was **withdrawn**.

##### 6.3.1.15 TS 36.523-3

##### 6.3.1.16 TS 37.571-2

##### 6.3.1.17 TS 37.571-3

##### 6.3.1.18 TS 37.571-4

##### 6.3.1.19 TS 37.571-5

##### 6.3.1.20 Discussion Papers, Work Plan, TC lists

**R5-220241 Discussion paper on versioning dedicated NG.114 PICS**

*Type: discussion For: Endorsement  
 Source: ROHDE & SCHWARZ*

**Discussion:**

R&S to continue discussion via eamil and reach consensus on highl level level principles

**Decision:** The document was **noted**.

**R5-220285 NG.114 EPS fallback**

*Type: discussion For: Endorsement  
 Source: Ericsson*

**Discussion:**

Proposal acceped in principle, actual implementation will be subject to CR review

**Decision:** The document was **noted**.

**R5-220286 NG.114 SDP voice**

*Type: discussion For: Endorsement  
 Source: Ericsson*

**Discussion:**

"Continue discussion via email to reach consensus on way forward

Generic procedure to be updated to include EVS Configuration (additional configurations) - Rapporteur

Dedicated test case to cover specific confgiuration (e.g. B0)"

**Decision:** The document was **noted**.

**R5-220352 Ongoing exchange with CT1**

*Type: discussion For: Discussion  
 Source: ROHDE & SCHWARZ*

**Discussion:**

"For issue B RAN5 will wait for CT1 outcome and R&S input of possible actions needed including update of and/or late CRs

Scheduled call with CT1 expert next week to clairfy things

R&S to provide list of impacted test cases to TF160"

**Decision:** The document was **noted**.

**R5-220856 FR1/E-UTRA/UTRA OTA environment limitation**

*Type: discussion For: Decision  
 Source: ROHDE & SCHWARZ*

**Discussion:**

"Continue discussion via email to reach consnesus on way forward

Proposal 2 not accepted

Weighing up on Proposals1 &3

Proposal 1 to be pursued for one more meeting cycle before RAN5 conclude

Action points to remain till RAN5#95-e"

**Decision:** The document was **noted**.

#### 6.3.2 Rel-15 CA configurations (UID - 770064) LTE\_CA\_R15-UEConTest

##### 6.3.2.1 TS 36.508

##### 6.3.2.2 TS 36.523-1

##### 6.3.2.3 TS 36.523-2

##### 6.3.2.4 TS 36.523-3

##### 6.3.2.5 Discussion Papers, Work Plan, TC lists

#### 6.3.3 Rel-16 LTE CA configurations (UID - 810061) LTE\_CA\_R16-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 NR CA and DC; and NR and LTE DC Configurations (UID-830083) NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest

##### 6.3.4.1 TS 38.508-1

**R5-220632 Introduction\_of\_test\_frequencies\_for\_new\_EN-DC\_comb\_within\_FR1**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2231 Cat: F (Rel-17)  
  
 Source: KDDI Corporation*

**Decision:** The document was **agreed**.

##### 6.3.4.2 TS 38.508-2

**R5-220633 Introduction\_of\_UE\_capabilities\_for\_new\_EN-DC\_comb\_within\_FR1**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0294 Cat: F (Rel-17)  
  
 Source: KDDI Corporation*

**Decision:** The document was **agreed**.

##### 6.3.4.3 TS 38.523-1

##### 6.3.4.4 TS 38.523-2

##### 6.3.4.5 TS 38.523-3

##### 6.3.4.6 Discussion Papers, Work Plan, TC lists

#### 6.3.5 New Rel-16 NR bands and extension of existing NR bands (UID - 850062) NR\_bands\_BW\_R16-UEConTest

##### 6.3.5.1 TS 38.508-1

##### 6.3.5.2 TS 38.508-2

##### 6.3.5.3 TS 38.523-3

##### 6.3.5.4 Discussion Papers, Work Plan, TC lists

#### 6.3.6 RF requirements for NR frequency range 1 (FR1) (UID-870061) NR\_RF\_FR1-UEConTest

##### 6.3.6.1 TS 38.508-1

##### 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 Even Further Mobility Enhancement for E-UTRAN (UID – 880066) LTE\_feMob-UEConTest

##### 6.3.7.1 TS 36.508

##### 6.3.7.2 TS 36.523-1

**R5-220610 Addtion of LTE TC 8.2.4.31.4-Conditional handover**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5074 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221490**.

**R5-221490 Addtion of LTE TC 8.2.4.31.4-Conditional handover**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5074 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220610)

**Decision:** The document was **agreed**.

##### 6.3.7.3 TS 36.523-2

**R5-220611 Correction to applicability for LTE feMob**

*Type: CR For: Agreement  
 36.523-2 v17.0.0 CR-1367 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

##### 6.3.7.4 TS 36.523-3

##### 6.3.7.5 Discussion Papers, Work Plan, TC lists

#### 6.3.8 Support of NR Industrial Internet of Things (IoT) (UID-880067) NR\_IioT-UEConTest

##### 6.3.8.1 TS 38.508-1

**R5-220048 Update of NR CA configurations for Protocol testing with NR CA 3CC**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2168 Cat: F (Rel-17)  
  
 Source: CMCC, WE Certification, DISH Network, Ericsson*

**Discussion:**

Ericsson: we have not explicitly specified which UL band to use for PCell for an intra-band NR CA configuration when UL CA is not configured (or if the NR CA configuration does not support UL CA). There is some exception for the CA two band configurations with SDL bands n29 and n76 where there are a specific note saying that the other band should be used as PCell. For the 3 band table there is a not that the SDL band shall not be used as Pcell (which should be obvious as SDL bands are DL only bands!).

For intra-band contiguous CA we have a note stating that the first CC in the table is used as PCell if nothing else is stated in the test case. We could add a similar comment to the inter-band NR CA tables that the first listed band in the configuration not being a SDL band shall be used if nothing else is stated in the test case. See example below in Table 4.3.1.1.2.2-1.

Dish network: Would it be ok to set it as “the band with lowest UL frequency is used as PCell” as I’m not sure if in e.g. TDD-FDD we would prefer FDD over TDD.

So this solves the non-UL CA case, but how is the selection done when UL CA is supported? Shouldn’t that also be clarified?

E///: We could add what is felt most appropriate in the note. E.g. referring as by Your suggestion to the lowest UL frequency (then we don’t need to mention SDL part) + we could include the case when an exception is needed for a specific configuration by a specific not in the table…something like.

Note 2: The band with the lowest UL frequency is used as PCell if nothing else is specified for in the table or in the test case for the specific configuration.

r1

TF160 reviewed.

**Decision:** The document was **revised to R5-221491**.

**R5-221491 Update of NR CA configurations for Protocol testing with NR CA 3CC**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2168 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC, WE Certification, DISH Network, Ericsson*

(Replaces R5-220048)

**Decision:** The document was **agreed**.

**R5-220049 Update of inter-band cell environment for Protocol testing with NR CA 3CC**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2169 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

comments from TF160.

r1

**Decision:** The document was **revised to R5-221492**.

**R5-221492 Update of inter-band cell environment for Protocol testing with NR CA 3CC**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2169 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-220049)

**Decision:** The document was **agreed**.

**R5-221273 Modification of common test environment for EHC testing**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2286 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

ver

r1

wrong Rel+ver!

r2

**Decision:** The document was **revised to R5-221493**.

**R5-221493 Modification of common test environment for EHC testing**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2286 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-221273)

**Decision:** The document was **agreed**.

##### 6.3.8.2 TS 38.508-2

##### 6.3.8.3 TS 38.509

**R5-221401 Addition of EHC function to the test loop mode A**

*Type: CR For: Agreement  
 38.509 v16.3.0 CR-0058 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

##### 6.3.8.4 TS 38.523-1

**R5-220045 Update of TC 7.1.3.5.6 for PDCP Duplication 3 RLC entities in NR IIoT**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2662 Cat: F (Rel-16)  
  
 Source: CMCC*

**Decision:** The document was **withdrawn**.

**R5-220046 Addition of new test case for PDCP Duplication 3 RLC entities with NR intra-band non-contiguous CA in NR IIoT**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2663 Cat: F (Rel-16)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

**R5-221080 Update of TC 7.1.3.5.6 for PDCP Duplication 3 RLC entities in NR IIoT**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2821 Cat: F (Rel-16)  
  
 Source: CMCC, MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221494**.

**R5-221494 Update of TC 7.1.3.5.6 for PDCP Duplication 3 RLC entities in NR IIoT**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2821 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC, MCC TF160*

(Replaces R5-221080)

**Decision:** The document was **agreed**.

**R5-221258 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 v16.10.0 CR-2854 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

ver

r2

**Decision:** The document was **revised to R5-221495**.

**R5-221495 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 v16.10.0 CR-2854 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-221258)

**Decision:** The document was **agreed**.

##### 6.3.8.5 TS 38.523-2

**R5-220047 Applicability statement for new test cases for PDCP Duplication 3 RLC entities in NR IIoT**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0194 Cat: F (Rel-16)  
  
 Source: CMCC*

**Discussion:**

first agreed, then r1

**Decision:** The document was **revised to R5-222034**.

**R5-222034 Applicability statement for new test cases for PDCP Duplication 3 RLC entities in NR IIoT**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0194 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC*

(Replaces R5-220047)

**Decision:** The document was **agreed**.

##### 6.3.8.6 TS 38.523-3

##### 6.3.8.7 TS 36.508

##### 6.3.8.8 TS 36.509

##### 6.3.8.9 TS 36.523-1

##### 6.3.8.10 TS 36.523-2

##### 6.3.8.11 TS 36.523-3

##### 6.3.8.12 Discussion Papers, Work Plan, TC lists

#### 6.3.9 NR Mobility Enhancements (UID-880068) NR\_Mob\_enh-UEConTest

##### 6.3.9.1 TS 38.508-1

##### 6.3.9.2 TS 38.508-2

##### 6.3.9.3 TS 38.523-1

**R5-220056 Addition of Rel-16 NR Mobility Enhancement test case for Conditional PSCell change / PCell change / PSCell change / EN-DC**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2669 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221496**.

**R5-221496 Addition of Rel-16 NR Mobility Enhancement test case for Conditional PSCell change / PCell change / PSCell change / EN-DC**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2669 rev 1 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

(Replaces R5-220056)

**Decision:** The document was **agreed**.

**R5-220601 Correction to NR TC 7.1.3.4.3-PDCP DAPS HO**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2774 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

reissued as R5-221375 because of title change.

**Decision:** The document was **withdrawn**.

**R5-221375 Correction to NR TCs 7.1.3.4.3 and TC 7.1.3.4.4 - PDCP DAPS HO**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2858 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

reissued from R5-220601 because of title change.

**Discussion:**

deferred.

r1

**Decision:** The document was **revised to R5-222043**.

**R5-222043 Correction to NR TCs 7.1.3.4.3 and TC 7.1.3.4.4 - PDCP DAPS HO**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2858 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-221375)

**Decision:** The document was **agreed**.

**R5-220602 Correction to NR TC 8.1.4.3.1-RRC DAPS HO Success**

*Type: CR For: Agreement* 38.523-1 v16.10.0 CR-2775 Cat: F (Rel-16)  
  
 *Source: Huawei, Hisilicon*

**Discussion:**

deferred.

r1

**Decision:** The document was **revised to R5-222040**.

**R5-222040 Correction to NR TC 8.1.4.3.1-RRC DAPS HO Success**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2775 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220602)

**Decision:** The document was **agreed**.

**R5-220603 Correction to NR TC 8.1.4.3.2-RRC DAPS HO Failure**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2776 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222041**.

**R5-222041 Correction to NR TC 8.1.4.3.2-RRC DAPS HO Failure**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2776 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220603)

**Decision:** The document was **agreed**.

**R5-220604 Correction to NR TC 8.1.4.3.4-RRC DAPS HO Success Inter-frequency**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2777 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221497**.

**R5-221497 Correction to NR TC 8.1.4.3.4-RRC DAPS HO Success Inter-frequency**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2777 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220604)

**Decision:** The document was **agreed**.

**R5-220605 Correction to NR TC 8.1.4.4.4-Conditional handover and legacy handover**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2778 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

deferred.

r1

**Decision:** The document was **revised to R5-222042**.

**R5-222042 Correction to NR TC 8.1.4.4.4-Conditional handover and legacy handover**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2778 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220605)

**Decision:** The document was **agreed**.

**R5-220606 Correction to NR TC 8.2.3.18.1-Conditional PSCell change Success**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2779 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221498**.

**R5-221498 Correction to NR TC 8.2.3.18.1-Conditional PSCell change Success**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2779 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220606)

**Decision:** The document was **agreed**.

##### 6.3.9.4 TS 38.523-2

**R5-220057 Addition of applicability for Rel-16 NR Mobility Enhancement test case**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0195 Cat: F (Rel-16)  
  
 Source: CATT, TDIA*

**Decision:** The document was **agreed**.

**R5-220607 Correction to applicability for NR MobEnh**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0204 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1?

**Decision:** The document was **agreed**.

##### 6.3.9.5 TS 38.523-3

##### 6.3.9.6 Discussion Papers, Work Plan, TC lists

#### 6.3.10 5G V2X with NR sidelink (UID-880069) 5G\_V2X\_NRSL\_eV2XARC-UEConTest

##### 6.3.10.1 TS 38.508-1

**R5-220567 Addition of default AT command and information element for NR SL test**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2206 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-220568 Correction to generic test procedures for NR SL MIMO tests**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2207 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221499**.

**R5-221499 Correction to generic test procedures for NR SL MIMO tests**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2207 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220568)

**Decision:** The document was **agreed**.

**R5-220569 Correction to test procedures for establishing unicast link**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2208 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-220570 Addition of test procedures for releasing unicast link**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2209 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221500**.

**R5-221500 Addition of test procedures for releasing unicast link**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2209 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220570)

**Decision:** The document was **agreed**.

**R5-220571 Addition of test procedures for data exchanging on unicast link**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2210 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221501**.

**R5-221501 Addition of test procedures for data exchanging on unicast link**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2210 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220571)

**Decision:** The document was **agreed**.

**R5-220572 Correction to PC5 RRC message MasterInformationBlockSidelink**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2211 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221502**.

**R5-221502 Correction to PC5 RRC message MasterInformationBlockSidelink**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2211 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220572)

**Decision:** The document was **agreed**.

**R5-220573 Correction to PC5 RRC message MeasurementReportSidelink**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2212 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221503**.

**R5-221503 Correction to PC5 RRC message MeasurementReportSidelink**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2212 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220573)

**Decision:** The document was **agreed**.

**R5-220574 Correction to PC5 RRC message RRCReconfigurationSidelink**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2213 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221504**.

**R5-221504 Correction to PC5 RRC message RRCReconfigurationSidelink**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2213 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220574)

**Decision:** The document was **agreed**.

**R5-220575 Correction to PC5 RRC message RRCReconfigurationCompleteSidelink**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2214 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221505**.

**R5-221505 Correction to PC5 RRC message RRCReconfigurationCompleteSidelink**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2214 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220575)

**Decision:** The document was **agreed**.

**R5-220576 Correction to PC5 RRC message RRCReconfigurationFailureSidelink**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2215 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221506**.

**R5-221506 Correction to PC5 RRC message RRCReconfigurationFailureSidelink**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2215 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220576)

**Decision:** The document was **agreed**.

**R5-220577 Correction to PC5 RRC message UECapabilityEnquirySidelink**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2216 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221507**.

**R5-221507 Correction to PC5 RRC message UECapabilityEnquirySidelink**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2216 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220577)

**Decision:** The document was **agreed**.

**R5-220578 Correction to PC5 RRC message UECapabilityInformationSidelink**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2217 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221508**.

**R5-221508 Correction to PC5 RRC message UECapabilityInformationSidelink**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2217 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220578)

**Decision:** The document was **agreed**.

**R5-220579 Correction to SIB12**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2218 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-220580 Correction to IE SL-BWP-Config and SL-BWP-ConfigCommon**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2219 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

-Pool removed in 3GU!

**Decision:** The document was **agreed**.

**R5-220581 Correction to SL-PreconfigurationNR**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2220 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

merged into R5-220789.

**Decision:** The document was **withdrawn**.

**R5-220582 Correction to IE SL-ResourcePool**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2221 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-220583 Correction to V2X message DIRECT LINK ESTABLISHMENT REQUEST**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2222 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221509**.

**R5-221509 Correction to V2X message DIRECT LINK ESTABLISHMENT REQUEST**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2222 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220583)

**Decision:** The document was **agreed**.

**R5-220584 Correction to V2X message DIRECT LINK ESTABLISHMENT ACCEPT**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2223 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221510**.

**R5-221510 Correction to V2X message DIRECT LINK ESTABLISHMENT ACCEPT**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2223 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220584)

**Decision:** The document was **agreed**.

**R5-220585 Correction to V2X message DIRECT LINK RELEASE REQUEST**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2224 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221511**.

**R5-221511 Correction to V2X message DIRECT LINK RELEASE REQUEST**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2224 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220585)

**Decision:** The document was **agreed**.

**R5-220586 Correction to V2X message DIRECT LINK RELEASE ACCEPT**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2225 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221512**.

**R5-221512 Correction to V2X message DIRECT LINK RELEASE ACCEPT**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2225 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220586)

**Decision:** The document was **agreed**.

**R5-220587 Correction to V2X message DIRECT LINK KEEPALIVE REQUEST**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2226 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221513**.

**R5-221513 Correction to V2X message DIRECT LINK KEEPALIVE REQUEST**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2226 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220587)

**Decision:** The document was **agreed**.

**R5-220588 Correction to V2X message DIRECT LINK SECURITY MODE COMMAND**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2227 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221514**.

**R5-221514 Correction to V2X message DIRECT LINK SECURITY MODE COMMAND**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2227 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220588)

**Decision:** The document was **agreed**.

**R5-220589 Correction to V2X message DIRECT LINK SECURITY MODE COMPLETE**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2228 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221515**.

**R5-221515 Correction to V2X message DIRECT LINK SECURITY MODE COMPLETE**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2228 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220589)

**Decision:** The document was **agreed**.

**R5-220590 Correction to V2X service identifier to PC5 RAT and Tx profiles mapping rule**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2229 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-220591 Correction to V2X frequencies**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2230 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

##### 6.3.10.2 TS 38.508-2

##### 6.3.10.3 TS 38.509

**R5-220592 Correction to test loop procedures for SL test**

*Type: CR For: Agreement  
 38.509 v16.3.0 CR-0054 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221516**.

**R5-221516 Correction to test loop procedures for SL test**

*Type: CR For: Agreement  
 38.509 v16.3.0 CR-0054 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220592)

**Decision:** The document was **agreed**.

**R5-220593 Correction to test protocol messages for SL test**

*Type: CR For: Agreement  
 38.509 v16.3.0 CR-0055 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221517**.

**R5-221517 Correction to test protocol messages for SL test**

*Type: CR For: Agreement  
 38.509 v16.3.0 CR-0055 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220593)

**Decision:** The document was **agreed**.

##### 6.3.10.4 TS 38.523-1

**R5-220101 Addition of new CVX TC 12.2.1.6- Inter-carrier concurrent operation / Sidelink communication / RRC\_CONNECTED / Reception**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2674 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221518**.

**R5-221518 Addition of new CVX TC 12.2.1.6- Inter-carrier concurrent operation / Sidelink communication / RRC\_CONNECTED / Reception**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2674 rev 1 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

(Replaces R5-220101)

**Decision:** The document was **agreed**.

**R5-220158 Addition of sub-clause titles for NR V2X TCs**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2693 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221519**.

**R5-221519 Addition of sub-clause titles for NR V2X TCs**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2693 rev 1 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

(Replaces R5-220158)

**Decision:** The document was **agreed**.

**R5-220161 Addition of NR V2X test case 12.2.1.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2695 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222049**.

**R5-222049 Addition of NR V2X test case 12.2.1.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2695 rev 1 Cat: F (Rel-16)  
  
 Source: TDIA, CATT*

(Replaces R5-220161)

**Decision:** The document was **agreed**.

**R5-220594 Addition of V2X TC 13.2.1-Conflict Layer 2 ID**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2771 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221520**.

**R5-221520 Addition of V2X TC 13.2.1-Conflict Layer 2 ID**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2771 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220594)

**Decision:** The document was **agreed**.

**R5-220595 Addition of V2X TC 13.2.2-Security Mode**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2772 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221521**.

**R5-221521 Addition of V2X TC 13.2.2-Security Mode**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2772 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220595)

**Decision:** The document was **agreed**.

**R5-220596 Addition of V2X TC 13.2.6-Link keep alive**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2773 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221522**.

**R5-221522 Addition of V2X TC 13.2.6-Link keep alive**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2773 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220596)

**Decision:** The document was **agreed**.

**R5-220650 Correction to NR V2X TC 13.1.1-policy provisioning**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2794 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221523**.

**R5-221523 Correction to NR V2X TC 13.1.1-policy provisioning**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2794 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220650)

**Decision:** The document was **agreed**.

**R5-221097 Addition of new NR V2X PC5 RRC reconfiguration failure / Initiating UE side**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2827 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221524**.

**R5-221524 Addition of new NR V2X PC5 RRC reconfiguration failure / Initiating UE side**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2827 rev 1 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

(Replaces R5-221097)

**Decision:** The document was **agreed**.

**R5-221098 Addition of new NR V2X PC5 RRC reconfiguration failure / Peer UE side test case**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2828 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221525**.

**R5-221525 Addition of new NR V2X PC5 RRC reconfiguration failure / Peer UE side test case**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2828 rev 1 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

(Replaces R5-221098)

**Decision:** The document was **agreed**.

**R5-221099 Addition of new NR V2X Sidelink radio link failure / Transmission side test case**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2829 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221526**.

**R5-221526 Addition of new NR V2X Sidelink radio link failure / Transmission side test case**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2829 rev 1 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

(Replaces R5-221099)

**Decision:** The document was **agreed**.

##### 6.3.10.5 TS 38.523-2

**R5-220597 Addition of NR V2X TC applicability**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0203 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221527**.

**R5-221527 Addition of NR V2X TC applicability**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0203 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220597)

**Decision:** The document was **agreed**.

**R5-221100 Addition of applicability for new V2X test cases**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0212 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

**Discussion:**

CR#

r2

**Decision:** The document was **revised to R5-221528**.

**R5-221528 Addition of applicability for new V2X test cases**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0212 rev 1 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

(Replaces R5-221100)

**Decision:** The document was **agreed**.

##### 6.3.10.6 TS 38.523-3

**R5-220456 5G V2X: Test Model updates**

*Type: CR For: Agreement  
 38.523-3 v17.1.0 CR-2368 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Discussion:**

cover Rel-16!

r1

**Decision:** The document was **revised to R5-221529**.

**R5-221529 5G V2X: Test Model updates**

*Type: CR For: Agreement  
 38.523-3 v17.1.0 CR-2368 rev 1 Cat: F (Rel-17)  
  
 Source: MCC TF160*

(Replaces R5-220456)

**Decision:** The document was **agreed**.

##### 6.3.10.7 TS 36.509

##### 6.3.10.8 Discussion Papers, Work Plan, TC lists

**R5-220598 Discussion on NR V2X PC5 unicast test**

*Type: discussion For: Endorsement  
 Source: Huawei, Hisilicon*

**Discussion:**

Huawei: the change of TS 24.587 cl 6.1.2.7.3, i.e change from <security not activated> to <link is unsecured>, is not clear. Our understanding for NR V2X core spec is: Null algorithm -> not ciphered -> msg not protected -> security is not activated.

This is not the same as TS 24.501, where Null algorithm -> ciphered -> msg protected -> Not clearly say whether security is activated or not, but our understanding goes to security is activated.

Not sure why NR V2X with Null algorithm does not go with the same way as the original NAS spec TS 24.501?

Consider proposals again in SIG Session 2, interested companies are asked to check with their SA3, CT1 and RAN2 colleagues and convey position on the proposals

Meeting agreed to send LS to SA3/CT1/RAN2. Huawei to draft the LS.

**Decision:** The document was **noted**.

##### 6.3.10.9 TS 37.571-4

**R5-220457 5G V2X: GNSS Test Model updates for NR sidelink**

*Type: CR For: Agreement  
 37.571-4 v16.4.0 CR-0156 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Discussion:**

wrong AI! Spec doesn't exist in WID!

Huawei: must update the WID to add TS 37.571-4.

**Decision:** The document was **agreed**.

#### 6.3.11 Enhancements on MIMO for NR (UID-880070) NR\_eMIMO-UEConTest

##### 6.3.11.1 TS 38.508-1

##### 6.3.11.2 TS 38.508-2

##### 6.3.11.3 TS 38.523-1

##### 6.3.11.4 TS 38.523-2

##### 6.3.11.5 TS 38.523-3

##### 6.3.11.6 Discussion Papers, Work Plan, TC lists

#### 6.3.12 UE Power Saving in NR (UID-880071) NR\_UE\_pow\_sav-UEConTest

##### 6.3.12.1 TS 38.508-1

##### 6.3.12.2 TS 38.508-2

##### 6.3.12.3 TS 38.509

##### 6.3.12.4 TS 38.523-1

**R5-220525 Correction to TC 7.1.1.12.3 DRX adaptation / UE wakeup indication**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2748 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

first agreed, then r1.

r2

**Decision:** The document was **revised to R5-221530**.

**R5-221530 Correction to TC 7.1.1.12.3 DRX adaptation / UE wakeup indication**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2748 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-220525)

**Decision:** The document was **agreed**.

##### 6.3.12.5 TS 38.523-2

##### 6.3.12.6 TS 38.523-3

##### 6.3.12.7 Discussion Papers, Work Plan, TC lists

#### 6.3.13 Private Network Support for NG-RAN (UID-880072) NG\_RAN\_PRN\_Vertical\_LAN-UEConTest

##### 6.3.13.1 TS 38.508-1

**R5-220846 Editorial Updates to Clause. 4.4.3.1.2 for System information combination**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2252 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

late doc

**Decision:** The document was **withdrawn**.

##### 6.3.13.2 TS 38.508-2

##### 6.3.13.3 TS 38.523-1

**R5-220530 Update of NR5G NPN TC 6.5.2.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2749 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221531**.

**R5-221531 Update of NR5G NPN TC 6.5.2.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2749 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-220530)

**Decision:** The document was **agreed**.

**R5-220531 Update of NR5G NPN TC 6.5.2.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2750 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-220532 Update of NR5G NPN TC 6.5.2.4**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2751 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-220679 Correction to NR5GC testcase 6.5.2.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2798 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

merged into R5-220530r1.

**Decision:** The document was **withdrawn**.

**R5-220681 Correction to NR5GC testcase 6.5.1.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2799 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Qualcomm*

**Discussion:**

first agreed, then r1

**Decision:** The document was **revised to R5-221532**.

**R5-221532 Correction to NR5GC testcase 6.5.1.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2799 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Qualcomm*

(Replaces R5-220681)

**Decision:** The document was **agreed**.

**R5-220682 Correction to NR5GC testcase 6.5.1.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2800 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-220683 Correction to NR5GC testcase 6.5.1.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2801 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Qualcomm*

**Discussion:**

first agreed, then r1

After discussions with Qualcomm, the TP text is reverted to original text, and included Qualcomm as co-source.

**Decision:** The document was **revised to R5-221533**.

**R5-221533 Correction to NR5GC testcase 6.5.1.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2801 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Qualcomm*

(Replaces R5-220683)

**Decision:** The document was **agreed**.

**R5-221095 Addition of new SNPN test case for EAP based primary authentication and key agreement**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2826 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221534**.

**R5-221534 Addition of new SNPN test case for EAP based primary authentication and key agreement**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2826 rev 1 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

(Replaces R5-221095)

**Decision:** The document was **agreed**.

##### 6.3.13.4 TS 38.523-2

**R5-221096 Addition of applicability for new SNPN test cases**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0211 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221535**.

**R5-221535 Addition of applicability for new SNPN test cases**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0211 rev 1 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

(Replaces R5-221096)

**Decision:** The document was **agreed**.

##### 6.3.13.5 TS 38.523-3

##### 6.3.13.6 Discussion Papers, Work Plan, TC lists

**R5-220837 Discussion paper for Rel-15 NR Tests Applicability on SNPN Only UE**

*Type: discussion For: Discussion  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

"LATE DOCUMENT

Continue to do scoping

Proposal 2 seems acceptable

Send LS to GCF, PTCRB seeking feedback on certification needs/expectation for SNPN

"

**Decision:** The document was **noted**.

#### 6.3.14 Optimisations on UE radio capability signalling – NR/E-UTRA Aspects (UID-880073) RACS-UEConTest

##### 6.3.14.1 TS 38.508-1

**R5-220297 Correction to Registration Accept message for UEs supporting RACS**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2193 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK*

**Decision:** The document was **withdrawn**.

**R5-221104 Addition of new USIM configuration for RACS test case**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2270 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

##### 6.3.14.2 TS 38.508-2

**R5-220850 Addition of new RACS PICS**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0298 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **agreed**.

##### 6.3.14.3 TS 38.509

##### 6.3.14.4 TS 38.523-1

**R5-220292 Addition of new RACS test case 9.1.9.7**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2710 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-222047**.

**R5-222047 Addition of new RACS test case 9.1.9.7**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2710 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

(Replaces R5-220292)

**Decision:** The document was **agreed**.

**R5-220373 Addition of Rel-16 RACS TC 9.1.9.6**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2730 Cat: F (Rel-16)  
  
 Source: ANRITSU LTD*

**Discussion:**

offline comments from Qualcomm and MCC160.

r1

**Decision:** The document was **revised to R5-221536**.

**R5-221536 Addition of Rel-16 RACS TC 9.1.9.6**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2730 rev 1 Cat: F (Rel-16)  
  
 Source: ANRITSU LTD*

(Replaces R5-220373)

**Decision:** The document was **agreed**.

**R5-220376 Addition of Rel-16 RACS TC 9.1.9.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2731 Cat: F (Rel-16)  
  
 Source: ANRITSU LTD*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221537**.

**R5-221537 Addition of Rel-16 RACS TC 9.1.9.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2731 rev 1 Cat: F (Rel-16)  
  
 Source: ANRITSU LTD*

(Replaces R5-220376)

**Decision:** The document was **agreed**.

**R5-220769 Correction to RACS test case 9.1.9.5**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2802 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK, Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221538**.

**R5-221538 Correction to RACS test case 9.1.9.5**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2802 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK, Anritsu*

(Replaces R5-220769)

**Decision:** The document was **agreed**.

**R5-221103 Addition of new RACS test case 9.1.9.4**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2830 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221539**.

**R5-221539 Addition of new RACS test case 9.1.9.4**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2830 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-221103)

**Decision:** The document was **agreed**.

**R5-221394 Correction to NR5GC testcase 8.1.5.9.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2863 Cat: F (Rel-16)  
  
 Source: Rohde&Schwarz*

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-221540**.

**R5-221540 Correction to NR5GC testcase 8.1.5.9.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2863 rev 1 Cat: F (Rel-16)  
  
 Source: Rohde&Schwarz*

(Replaces R5-221394)

**Decision:** The document was **agreed**.

##### 6.3.14.5 TS 38.523-2

**R5-221102 Applicability updates for NR RACS test cases**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0213 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated, Keysight, Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221541**.

**R5-221541 Applicability updates for NR RACS test cases**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0213 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated, Keysight, Anritsu*

(Replaces R5-221102)

**Decision:** The document was **agreed**.

##### 6.3.14.6 TS 38.523-3

##### 6.3.14.7 TS 36.508

**R5-221084 RACS updates to default message content of Attach and TAU accept messages**

*Type: CR For: Agreement  
 36.508 v17.1.0 CR-1389 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

6.3.14.8 TS 36.509

**R5-221085 Addition of predefined UE capability message container for test function Set UL Message**

*Type: CR For: Agreement  
 36.509 v16.1.0 CR-0210 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**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 36.509.

r2

**Decision:** The document was **revised to R5-221542**.

**R5-221542 Addition of predefined UE capability message container for test function Set UL Message**

*Type: CR For: Agreement  
 36.509 v16.1.0 CR-0210 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-221085)

**Decision:** The document was **agreed**.

##### 6.3.14.9 TS 36.523-1

**R5-221076 Addition of new RACS test case 9.2.5.1**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5078 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

**R5-221079 Addition of new RACS test case 9.2.5.2**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5079 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221543**.

**R5-221543 Addition of new RACS test case 9.2.5.2**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5079 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-221079)

**Decision:** The document was **agreed**.

**R5-221081 Addition of new RACS test case 9.2.5.3**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5080 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

**R5-221086 Update of network requested CA band combination test cases 8.5.4.2 and 8.5.4.3**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5081 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221544**.

**R5-221544 Update of network requested CA band combination test cases 8.5.4.2 and 8.5.4.3**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5081 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-221086)

**Decision:** The document was **agreed**.

##### 6.3.14.10 TS 36.523-2

**R5-221075 Addition of applicability for RACS test cases**

*Type: CR For: Agreement  
 36.523-2 v17.0.0 CR-1368 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

##### 6.3.14.11 TS 36.523-3

##### 6.3.14.12 Discussion Papers, Work Plan, TC lists

#### 6.3.15 Enhancements for Mission Critical Services MCPTT, MCData and MCVideo (UID – 890042) MCenhUEConTest

##### 6.3.15.1 TS 36.579-1

**R5-220401 Additional Rel-15 parameters for MCVideo User Profile 5.5.8.7**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0230 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221545**.

**R5-221545 Additional Rel-15 parameters for MCVideo User Profile 5.5.8.7**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0230 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-220401)

**Decision:** The document was **agreed**.

##### 6.3.15.2 TS 36.579-2

##### 6.3.15.3 TS 36.579-3

##### 6.3.15.4 TS 36.579-4

##### 6.3.15.5 TS 36.579-5

##### 6.3.15.6 TS 36.579-6

**R5-220303 New MCVideo TC 6.4.1 Video Pull**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0032 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221546**.

**R5-221546 New MCVideo TC 6.4.1 Video Pull**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0032 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-220303)

**Decision:** The document was **agreed**.

**R5-220304 New MCVideo TC 6.5.1 Video Push**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0033 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221547**.

**R5-221547 New MCVideo TC 6.5.1 Video Push**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0033 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-220304)

**Decision:** The document was **agreed**.

**R5-220305 New MCVideo TC 6.3.1 Emergency Alert CO**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0034 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221548**.

**R5-221548 New MCVideo TC 6.3.1 Emergency Alert CO**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0034 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-220305)

**Decision:** The document was **agreed**.

**R5-220400 New MCVideo TC 6.7.1 Remote Initiated Ambient Viewing CO**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0035 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221549**.

**R5-221549 New MCVideo TC 6.7.1 Remote Initiated Ambient Viewing CO**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0035 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-220400)

**Decision:** The document was **agreed**.

**R5-220511 New MCVideo TC 6.7.2 Remote Initiated Ambient Viewing CT**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0041 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221550**.

**R5-221550 New MCVideo TC 6.7.2 Remote Initiated Ambient Viewing CT**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0041 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-220511)

**Decision:** The document was **agreed**.

**R5-220512 New MCVideo TC Selected Group Change of Targeted User CO**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0042 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221551**.

**R5-221551 New MCVideo TC Selected Group Change of Targeted User CO**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0042 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-220512)

**Decision:** The document was **agreed**.

**R5-220854 New MCVideo TC Selected Group Change of Targeted User CT**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0043 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221552**.

**R5-221552 New MCVideo TC Selected Group Change of Targeted User CT**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0043 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-220854)

**Decision:** The document was **agreed**.

**R5-220855 New MCVideo TC Conference Event Package**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0044 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221553**.

**R5-221553 New MCVideo TC Conference Event Package**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0044 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-220855)

**Decision:** The document was **agreed**.

**R5-220857 New MCVideo TC 6.3.2 Emergency Alert CT**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0045 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221554**.

**R5-221554 New MCVideo TC 6.3.2 Emergency Alert CT**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0045 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-220857)

**Decision:** The document was **agreed**.

**R5-221343 New MCVideo TC MBMS**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0046 Cat: F (Rel-15)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221555**.

**R5-221555 New MCVideo TC MBMS**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0046 rev 1 Cat: F (Rel-15)  
  
 Source: NIST*

(Replaces R5-221343)

**Decision:** The document was **agreed**.

##### 6.3.15.7 TS 36.579-7

##### 6.3.15.8 Discussion Papers, Work Plan, TC lists

#### 6.3.16 SON (Self-Organising Networks) and MDT (Minimization of Drive Tests) support for NR (UID-890043) NR\_SON\_MDT-UEConTest

##### 6.3.16.1 TS 38.508-1

##### 6.3.16.2 TS 38.508-2

##### 6.3.16.3 TS 38.509

##### 6.3.16.4 TS 38.523-1

**R5-220050 Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.2.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2664 Cat: F (Rel-16)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

**R5-220051 Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.2.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2665 Cat: F (Rel-16)  
  
 Source: CMCC*

**Discussion:**

comments from R&S and Starpoint.

r1

**Decision:** The document was **revised to R5-221556**.

**R5-221556 Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.2.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2665 rev 1 Cat: F (Rel-16)  
  
 Source: CMCC*

(Replaces R5-220051)

**Decision:** The document was **agreed**.

**R5-220052 Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.2.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2666 Cat: F (Rel-16)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

**R5-220053 Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.1.3.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2667 Cat: F (Rel-16)  
  
 Source: CMCC, MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-220054 Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.1.3.4**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2668 Cat: F (Rel-16)  
  
 Source: CMCC, MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-220116 Update of MDT TC 8.1.6.1.2.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2679 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221557**.

**R5-221557 Update of MDT TC 8.1.6.1.2.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2679 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-220116)

**Decision:** The document was **agreed**.

**R5-220117 Update of MDT TC 8.1.6.1.2.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2680 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221558**.

**R5-221558 Update of MDT TC 8.1.6.1.2.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2680 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-220117)

**Decision:** The document was **agreed**.

**R5-220118 Update of MDT TC 8.1.6.1.2.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2681 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221559**.

**R5-221559 Update of MDT TC 8.1.6.1.2.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2681 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-220118)

**Decision:** The document was **agreed**.

**R5-220119 Update of MDT TC 8.1.6.1.2.4**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2682 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221560**.

**R5-221560 Update of MDT TC 8.1.6.1.2.4**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2682 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Anritsu*

(Replaces R5-220119)

**Decision:** The document was **agreed**.

**R5-220120 Update of MDT TC 8.1.6.1.2.5**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2683 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Rohde & Schwarz, Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221561**.

**R5-221561 Update of MDT TC 8.1.6.1.2.5**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2683 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Rohde & Schwarz, Anritsu*

(Replaces R5-220120)

**Decision:** The document was **agreed**.

**R5-220121 Update of MDT TC 8.1.6.1.2.6**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2684 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Rohde & Schwarz, Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221562**.

**R5-221562 Update of MDT TC 8.1.6.1.2.6**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2684 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Rohde & Schwarz, Anritsu*

(Replaces R5-220121)

**Decision:** The document was **agreed**.

**R5-220122 Update of MDT TC 8.1.6.1.2.7**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2685 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., ZTE Corporation, Anritsu Ltd, Keysight*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221563**.

**R5-221563 Update of MDT TC 8.1.6.1.2.7**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2685 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., ZTE Corporation, Anritsu Ltd, Keysight*

(Replaces R5-220122)

**Decision:** The document was **agreed**.

**R5-220123 Update of MDT TC 8.1.6.1.2.8**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2686 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221564**.

**R5-221564 Update of MDT TC 8.1.6.1.2.8**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2686 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-220123)

**Decision:** The document was **agreed**.

**R5-220124 Update of MDT TC 8.1.6.1.2.9**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2687 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221565**.

**R5-221565 Update of MDT TC 8.1.6.1.2.9**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2687 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Anritsu*

(Replaces R5-220124)

**Decision:** The document was **agreed**.

**R5-220125 Update of MDT TC 8.1.6.1.2.10**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2688 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221566**.

**R5-221566 Update of MDT TC 8.1.6.1.2.10**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2688 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-220125)

**Decision:** The document was **agreed**.

**R5-220126 Update of MDT TC 8.1.6.1.2.11**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2689 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221567**.

**R5-221567 Update of MDT TC 8.1.6.1.2.11**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2689 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Anritsu*

(Replaces R5-220126)

**Decision:** The document was **agreed**.

**R5-220127 Update of MDT TC 8.1.6.1.2.12**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2690 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Anritsu, Rohde & Schwarz*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221568**.

**R5-221568 Update of MDT TC 8.1.6.1.2.12**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2690 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Anritsu, Rohde & Schwarz*

(Replaces R5-220127)

**Decision:** The document was **agreed**.

**R5-220128 Update of MDT TC 8.1.6.1.2.13**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2691 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Rohde & Schwarz, Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221569**.

**R5-221569 Update of MDT TC 8.1.6.1.2.13**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2691 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Rohde & Schwarz, Anritsu*

(Replaces R5-220128)

**Decision:** The document was **agreed**.

**R5-220191 Update of MDT TC 8.1.6.1.4.7**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2701 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221570**.

**R5-221570 Update of MDT TC 8.1.6.1.4.7**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2701 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-220191)

**Decision:** The document was **agreed**.

**R5-220192 Update of MDT TC 8.1.6.3.2.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2702 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

merged into R5-221042r1.

**Decision:** The document was **withdrawn**.

**R5-220289 Correction to NR MDT test case 8.1.6.1.4.6**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2707 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK, Qualcomm, Rohde & Schwarz*

**Decision:** The document was **agreed**.

**R5-220290 Correction to NR MDT test case 8.1.6.1.4.7**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2708 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK, Qualcomm*

**Discussion:**

merged with Mediatek CR R5-220191.

**Decision:** The document was **withdrawn**.

**R5-220329 Update of MDT test case 8.1.6.1.2.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2718 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Decision:** The document was **agreed**.

**R5-220330 Update of MDT test case 8.1.6.1.2.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2719 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Decision:** The document was **agreed**.

**R5-220331 Update of MDT test case 8.1.6.1.2.4**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2720 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Decision:** The document was **agreed**.

**R5-220332 Update of MDT test case 8.1.6.1.2.7**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2721 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

merged into R5-220122r1.

**Decision:** The document was **withdrawn**.

**R5-220333 Update of MDT test case 8.1.6.1.2.8**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2722 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Decision:** The document was **agreed**.

**R5-220334 Update of MDT test case 8.1.6.1.2.9**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2723 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Decision:** The document was **agreed**.

**R5-220335 Update of MDT test case 8.1.6.1.2.12**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2724 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221571**.

**R5-221571 Update of MDT test case 8.1.6.1.2.12**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2724 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-220335)

**Decision:** The document was **agreed**.

**R5-220336 Update of MDT test case 8.1.6.1.2.13**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2725 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221572**.

**R5-221572 Update of MDT test case 8.1.6.1.2.13**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2725 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

(Replaces R5-220336)

**Decision:** The document was **agreed**.

**R5-220368 Correction to MDT test case 8.1.6.1.2.7**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2727 Cat: F (Rel-16)  
  
 Source: Anritsu Ltd, Keysight*

**Discussion:**

merged into R5-220122r1.

**Decision:** The document was **withdrawn**.

**R5-220370 Correction to MDT test case 8.1.6.1.2.9**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2728 Cat: F (Rel-16)  
  
 Source: ANRITSU LTD*

**Discussion:**

merged into R5-220124r1.

**Decision:** The document was **withdrawn**.

**R5-220505 Remove test case 8.1.6.1.3.6**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2745 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

cl. aff.

r2

RAN5 is aware of known open issues in TS 38.523-1 TC 8.1.6.1.3.6 which will be addressed in RAN5#95-e meeting.

**Decision:** The document was **revised to R5-221412**.

**R5-221412 Remove test case 8.1.6.1.3.6**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2745 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-220505)

**Decision:** The document was **withdrawn**.

**R5-220506 Correction to SON-MDT test case 8.1.6.1.4.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2746 Cat: F (Rel-16)  
  
 Source: Anritsu Ltd, Qualcomm, Keysight*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221573**.

**R5-221573 Correction to SON-MDT test case 8.1.6.1.4.2**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2746 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu Ltd, Qualcomm, Keysight*

(Replaces R5-220506)

**Decision:** The document was **agreed**.

**R5-220507 Update to test case 8.1.6.1.3.7**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2747 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Rohde & Schwarz, Qualcomm, Keysight Technologies UK, Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221574**.

**R5-221574 Update to test case 8.1.6.1.3.7**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2747 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Rohde & Schwarz, Qualcomm, Keysight Technologies UK, Anritsu*

(Replaces R5-220507)

**Decision:** The document was **agreed**.

**R5-220612 Correction to NR MDT TC 8.1.6.1.4.3-Intra NR\_Connection Establishment Failure\_Reporting at intra-NR handover**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2780 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-220613 Correction to NR MDT TC 8.1.6.1.4.4-Intra NR\_Connection Establishment Failure\_RRC connection re-establishment**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2781 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-220614 Correction to NR MDT TC 8.1.6.1.4.7-Intra NR\_Connection Establishment Failure\_ Inter-frequency measurements**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2782 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

merged into CR R5-220191.

**Decision:** The document was **withdrawn**.

**R5-220615 Correction to NR MDT TC 8.1.6.3.1.3-Inter System\_Immediate MDT\_Sensor**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2783 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221575**.

**R5-221575 Correction to NR MDT TC 8.1.6.3.1.3-Inter System\_Immediate MDT\_Sensor**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2783 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220615)

**Decision:** The document was **agreed**.

**R5-220616 Correction to NR MDT TC 8.1.6.3.2.1-Inter System\_Logged\_Bluetooth**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2784 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

be merged into R5-221042.

**Decision:** The document was **withdrawn**.

**R5-220617 Correction to NR MDT TC 8.1.6.3.2.3-Inter System\_Logged\_Sensor**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2785 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221576**.

**R5-221576 Correction to NR MDT TC 8.1.6.3.2.3-Inter System\_Logged\_Sensor**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2785 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220617)

**Decision:** The document was **agreed**.

**R5-220618 Correction to NR MDT TC 8.1.6.3.3.3-Inter System\_RLF\_Sensor**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2786 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221577**.

**R5-221577 Correction to NR MDT TC 8.1.6.3.3.3-Inter System\_RLF\_Sensor**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2786 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220618)

**Decision:** The document was **agreed**.

**R5-220619 Correction to NR MDT TC 8.1.6.3.4.3-Inter System\_Connection Establishment Failure\_Sensor**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2787 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221578**.

**R5-221578 Correction to NR MDT TC 8.1.6.3.4.3-Inter System\_Connection Establishment Failure\_Sensor**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2787 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220619)

**Decision:** The document was **agreed**.

**R5-220669 Correction to MDT test case 8.1.6.1.3.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2796 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Rohde & Schwarz*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221579**.

**R5-221579 Correction to MDT test case 8.1.6.1.3.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2796 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Rohde & Schwarz*

(Replaces R5-220669)

**Decision:** The document was **agreed**.

**R5-220843 Correction to NR MDT test case 8.1.6.1.3.4**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2808 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Anritsu Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221580**.

**R5-221580 Correction to NR MDT test case 8.1.6.1.3.4**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2808 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Anritsu Ltd*

(Replaces R5-220843)

**Decision:** The document was **agreed**.

**R5-220844 Correction to NR MDT test case 8.1.6.1.3.7**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2809 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Anritsu Ltd, Keysight Technologies UK*

**Discussion:**

cover shall add +NR!

merged changes with Mediatek in revised R5-220507.

**Decision:** The document was **withdrawn**.

**R5-220845 Correction to NR MDT test case 8.1.6.1.4.8**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2810 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

late doc

**Decision:** The document was **withdrawn**.

**R5-221041 Updates to Inter-System MDT test cases 8.1.6.3.1.x**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2813 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-221042 Updates to Inter-System MDT test cases 8.1.6.3.2.x**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2814 Cat: F (Rel-16)  
  
 Source: MCC TF160, MediaTek Inc., Huawei, HiSilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221581**.

**R5-221581 Updates to Inter-System MDT test cases 8.1.6.3.2.x**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2814 rev 1 Cat: F (Rel-16)  
  
 Source: MCC TF160, MediaTek Inc., Huawei, HiSilicon*

(Replaces R5-221042)

**Decision:** The document was **agreed**.

**R5-221043 Updates to Inter-System MDT test cases 8.1.6.3.3.x**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2815 Cat: F (Rel-16)  
  
 Source: MCC TF160, MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221582**.

**R5-221582 Updates to Inter-System MDT test cases 8.1.6.3.3.x**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2815 rev 1 Cat: F (Rel-16)  
  
 Source: MCC TF160, MediaTek Inc.*

(Replaces R5-221043)

**Decision:** The document was **agreed**.

**R5-221044 Updates to Inter-System MDT test cases 8.1.6.3.4.x**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2816 Cat: F (Rel-16)  
  
 Source: MCC TF160, MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221583**.

**R5-221583 Updates to Inter-System MDT test cases 8.1.6.3.4.x**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2816 rev 1 Cat: F (Rel-16)  
  
 Source: MCC TF160, MediaTek Inc.*

(Replaces R5-221044)

**Decision:** The document was **agreed**.

**R5-221077 Update of MDT TC 8.1.6.3.3.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2819 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

merged into R5-221043r1.

**Decision:** The document was **revised to R5-221395**.

**R5-221395 Update of MDT TC 8.1.6.3.3.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2819 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-221077)

**Decision:** The document was **withdrawn**.

**R5-221078 Update of MDT TC 8.1.6.3.4.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2820 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

merged into R5-221044.

**Decision:** The document was **revised to R5-221396**.

**R5-221396 Update of MDT TC 8.1.6.3.4.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2820 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-221078)

**Decision:** The document was **withdrawn**.

**R5-221390 Update of NR Immediate MDT TC 8.1.6.2.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2859 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

late doc

was wrongly uploaded.

replaced by R5-221393.

**Decision:** The document was **withdrawn**.

**R5-221393 Update of NR Immediate MDT TC 8.1.6.2.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2862 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Abstract:**

replacement of R5-221390.

**Discussion:**

Keysight UK/TF160:

• If step 8b1 onwards of generic procedure 4.9.7 are performed then steps 5A-5C will not be needed as the the UE will already have SRB2 and at least one DRB configured

• The 2nd reason for change seems to be wrong - there will be PDU sessions carried over from E-UTRA as this is a HO.

• Steps 5-6 of 4.5.4.2-3 aren't needed as these are included in the HO

• The specific message contents for this HO hard-codes on DRB1 is included in the HO. This is does not take into account the multiple PDU sessions that may have been created in NR and transferred to E-UTRA. This contradicts the DRB(s) referred to in step 12C.

->more discussion is required for fixing this test case.

**Decision:** The document was **withdrawn**.

##### 6.3.16.5 TS 38.523-2

**R5-221045 Updates to titles of Inter-System MDT sensor test cases**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0208 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

##### 6.3.16.6 TS 38.523-3

**R5-220458 Addition of NR/WLAN Inter-RAT test model**

*Type: CR For: Agreement  
 38.523-3 v17.1.0 CR-2369 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Discussion:**

Rel -17.

r1

**Decision:** The document was **revised to R5-221403**.

**R5-221403 Addition of NR/WLAN Inter-RAT test model**

*Type: CR For: Agreement  
 38.523-3 v17.1.0 CR-2369 rev 1 Cat: F (Rel-17)  
  
 Source: MCC TF160*

(Replaces R5-220458)

**Decision:** The document was **agreed**.

##### 6.3.16.7 Discussion Papers, Work Plan, TC lists

#### 6.3.17 Physical Layer Enhancements for NR Ultra-Reliable and Low Latency Communication (URLLC) (UID-900054) NR\_L1enh\_URLLC-UEConTest

##### 6.3.17.1 TS 38.508-1

**R5-220809 Addition of default DCI\_1\_2 for URLLC**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2251 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

first agreed, then r1

**Decision:** The document was **revised to R5-221584**.

**R5-221584 Addition of default DCI\_1\_2 for URLLC**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2251 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-220809)

**Decision:** The document was **agreed**.

##### 6.3.17.2 TS 38.508-2

**R5-221091 Addition of new PICS for URLLC**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0314 Cat: F (Rel-17)  
  
 Source: Lenovo, Motorola Mobility*

**Discussion:**

cover Rel-16.

r2

**Decision:** The document was **revised to R5-221585**.

**R5-221585 Addition of new PICS for URLLC**

*Type: CR For: Agreement  
 38.508-2 v17.3.0 CR-0314 rev 1 Cat: F (Rel-17)  
  
 Source: Lenovo, Motorola Mobility*

(Replaces R5-221091)

**Decision:** The document was **agreed**.

6.3.17.3 TS 38.523-1

**R5-220810 Addition of message exception to 7.1.1.4.1.5**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2803 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

changes are included in R5-221087.

**Decision:** The document was **withdrawn**.

**R5-221087 Correction to NR URLLC MAC Test Case 7.1.1.4.1.5**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2822 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility, Huawei, HiSilicon, MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221586**.

**R5-221586 Correction to NR URLLC MAC Test Case 7.1.1.4.1.5**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2822 rev 1 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility, Huawei, HiSilicon, MCC TF160*

(Replaces R5-221087)

**Decision:** The document was **agreed**.

**R5-221088 Addition of new NR URLLC MAC Test Case for DL Grant Prioritisation**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2823 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221587**.

**R5-221587 Addition of new NR URLLC MAC Test Case for DL Grant Prioritisation**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2823 rev 1 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

(Replaces R5-221088)

**Decision:** The document was **agreed**.

**R5-221089 Addition of new NR URLLC MAC Test Case for UL Data prioritisation**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2824 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221588**.

**R5-221588 Addition of new NR URLLC MAC Test Case for UL Data prioritisation**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2824 rev 1 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

(Replaces R5-221089)

**Decision:** The document was **agreed**.

**R5-221092 Correction to NR URLLC MAC Test Case 7.1.1.4.2.6**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0210 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility, MCC TF160*

**Decision:** The document was **withdrawn**.

**R5-221174 Correction to NR URLLC MAC Test Case 7.1.1.4.2.6**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2832 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221589**.

**R5-221589 Correction to NR URLLC MAC Test Case 7.1.1.4.2.6**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2832 rev 1 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

(Replaces R5-221174)

**Decision:** The document was **agreed**.

##### 6.3.17.4 TS 38.523-2

**R5-221090 Addition of new NR URLLC MAC Test Case applicabilities**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0209 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221590**.

**R5-221590 Addition of new NR URLLC MAC Test Case applicabilities**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0209 rev 1 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility*

(Replaces R5-221090)

**Decision:** The document was **agreed**.

##### 6.3.17.5 TS 38.523-3

##### 6.3.17.6 Discussion Papers, Work Plan, TC lists

#### 6.3.18 New Rel-17 NR licensed bands and extension of existing NR bands (UID - 900055) NR\_lic\_bands\_BW\_R17-UEConTest

##### 6.3.18.1 TS 38.508-1

##### 6.3.18.2 TS 38.508-2

##### 6.3.18.3 TS 38.523-3

##### 6.3.18.4 Discussion Papers, Work Plan, TC lists

#### 6.3.19 Rel-17 NR CA and DC; and NR and LTE DC Configurations (UID-900056) NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest

##### 6.3.19.1 TS 38.508-1

##### 6.3.19.2 TS 38.508-2

##### 6.3.19.3 TS 38.523-1

##### 6.3.19.4 TS 38.523-2

##### 6.3.19.5 TS 38.523-3

##### 6.3.19.6 Discussion Papers, Work Plan, TC lists

#### 6.3.20 NR Positioning Support (UID-900057) NR\_pos-UEConTest

##### 6.3.20.1 TS 38.508-1

**R5-220524 Addition of positioning system information blocks associated parameters**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2203 Cat: F (Rel-17)  
  
 Source: CATT*

**Discussion:**

Rel-16 cover!

r2

**Decision:** The document was **revised to R5-221591**.

**R5-221591 Addition of positioning system information blocks associated parameters**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2203 rev 1 Cat: F (Rel-17)  
  
 Source: CATT*

(Replaces R5-220524)

**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 37.571-2

**R5-220522 Addition of TC 9.4.1 PosSIB broadcasting followed by location information transfer**

*Type: CR For: Agreement  
 37.571-2 v16.10.0 CR-0156 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221592**.

**R5-221592 Addition of TC 9.4.1 PosSIB broadcasting followed by location information transfer**

*Type: CR For: Agreement  
 37.571-2 v16.10.0 CR-0156 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-220522)

**Decision:** The document was **agreed**.

**R5-220523 Correction of the assistance data elements for NR positioning support**

*Type: CR For: Agreement  
 37.571-2 v16.10.0 CR-0157 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

r2

**Decision:** The document was **revised to R5-221593**.

**R5-221593 Correction of the assistance data elements for NR positioning support**

*Type: CR For: Agreement  
 37.571-2 v16.10.0 CR-0157 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-220523)

**Decision:** The document was **agreed**.

##### 6.3.20.5 TS 37.571-3

**R5-220521 Addition of test applicabilities for PosSIB broadcasting test case**

*Type: CR For: Agreement  
 37.571-3 v16.10.0 CR-0151 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221594**.

**R5-221594 Addition of test applicabilities for PosSIB broadcasting test case**

*Type: CR For: Agreement  
 37.571-3 v16.10.0 CR-0151 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces R5-220521)

**Decision:** The document was **agreed**.

##### 6.3.20.6 TS 37.571-4

##### 6.3.20.7 TS 37.571-5

##### 6.3.20.8 Discussion Papers, Work Plan, TC lists

#### 6.3.21 2-step RACH for NR (UID-911001) NR\_2step\_RACH-UEConTest

##### 6.3.21.1 TS 38.508-1

##### 6.3.21.2 TS 38.508-2

##### 6.3.21.3 TS 38.523-1

##### 6.3.21.4 TS 38.523-2

##### 6.3.21.5 TS 38.523-3

##### 6.3.21.6 Discussion Papers, Work Plan, TC lists

#### 6.3.22 Support of eCall over IMS for NR (UID-911002) NR\_EIEI-UEConTest

##### 6.3.22.1 TS 38.508-1

**R5-221070 USIM configurations for NR EIEI test cases**

*Type: CR For: Agreement  
 38.508-1 v17.3.0 CR-2269 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

##### 6.3.22.2 TS 38.508-2

##### 6.3.22.3 TS 38.523-1

**R5-221068 Addition of new NR EIEI test case 11.5.5**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2817 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221595**.

**R5-221595 Addition of new NR EIEI test case 11.5.5**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2817 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-221068)

**Decision:** The document was **agreed**.

##### 6.3.22.4 TS 38.523-2

**R5-221040 Applicability updates for NR EIEI test cases**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0207 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

##### 6.3.22.5 TS 38.523-3

**R5-221038 Addition of new PIXIT parameter for NR EIEI**

*Type: CR For: Agreement  
 38.523-3 v17.1.0 CR-2371 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221596**.

**R5-221596 Addition of new PIXIT parameter for NR EIEI**

*Type: CR For: Agreement  
 38.523-3 v17.1.0 CR-2371 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-221038)

**Decision:** The document was **agreed**.

##### 6.3.22.6 TS 34.229-1

##### 6.3.22.7 TS 34.229-2

**R5-220984 Update to applicability of NR EIEI test cases**

*Type: CR For: Agreement  
 34.229-2 v16.1.0 CR-0305 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

first agreed, then r1

**Decision:** The document was **revised to R5-222045**.

**R5-222045 Update to applicability of NR EIEI test cases**

*Type: CR For: Agreement  
 34.229-2 v16.1.0 CR-0305 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-220984)

**Decision:** The document was **agreed**.

##### 6.3.22.8 TS 34.229-3

##### 6.3.22.9 TS 34.229-5

**R5-220985 Addition of new IMS over 5GS TC 11.5 eCall over IMS / Automatic initiation / MSD transfer and 200 OK with ACK / SIP INFO request for MSD Update / Success / 5GS**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0328 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221597**.

**R5-221597 Addition of new IMS over 5GS TC 11.5 eCall over IMS / Automatic initiation / MSD transfer and 200 OK with ACK / SIP INFO request for MSD Update / Success / 5GS**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0328 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-220985)

**Decision:** The document was **agreed**.

**R5-221003 Addition of new IMS over 5GS TC 11.6 eCall over IMS / Automatic initiation / MSD transfer and 200 OK with ACK / SIP INFO request for unsupported MSD / UE indicates unsuccessful in SIP INFO / 5GS**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0329 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221598**.

**R5-221598 Addition of new IMS over 5GS TC 11.6 eCall over IMS / Automatic initiation / MSD transfer and 200 OK with ACK / SIP INFO request for unsupported MSD / UE indicates unsuccessful in SIP INFO / 5GS**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0329 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-221003)

**Decision:** The document was **agreed**.

**R5-221007 Addition of new IMS over 5GS TC 11.7 eCall only mode / Manual initiation / Emergency registration / Abnormal case / IM CN sends a 486 (Busy Here) / UE performs eCall in CS domain / UTRAN or GERAN / 5GS**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0330 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

r1

As discussed in yesterday’s SIG session, ok to withdraw.

**Decision:** The document was **revised to R5-221599**.

**R5-221599 Addition of new IMS over 5GS TC 11.7 eCall only mode / Manual initiation / Emergency registration / Abnormal case / IM CN sends a 486 (Busy Here) / UE performs eCall in CS domain / UTRAN or GERAN / 5GS**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0330 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-221007)

**Decision:** The document was **withdrawn**.

**R5-221036 Addition of new IMS over 5GS TC 11.8 eCall only mode / Automatic initiation / Emergency registration / Abnormal case / IM CN sends a 600 (Busy Everywhere) / UE performs eCall in CS domain / UTRAN or GERAN / 5GS**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0331 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

r2

As discussed in yesterday’s SIG session, ok to withdraw.

**Decision:** The document was **revised to R5-222001**.

**R5-222001 Addition of new IMS over 5GS TC 11.8 eCall only mode / Automatic initiation / Emergency registration / Abnormal case / IM CN sends a 600 (Busy Everywhere) / UE performs eCall in CS domain / UTRAN or GERAN / 5GS**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0331 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-221036)

**Decision:** The document was **withdrawn**.

##### 6.3.22.10 Discussion Papers, Work Plan, TC lists

#### 6.3.23 NR-based access to unlicensed spectrum (UID-911003) NR\_unlic-UEConTest

##### 6.3.23.1 TS 38.508-1

##### 6.3.23.2 TS 38.508-2

##### 6.3.23.3 TS 38.509

##### 6.3.23.4 TS 38.523-1

**R5-220293 Correction to R16 eNS TC 9.1.10.6**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2711 Cat: F (Rel-16)  
  
 Source: Keysight Technologies, Qualcomm, Anritsu*

**Decision:** The document was **withdrawn**.

##### 6.3.23.5 TS 38.523-2

**R5-221274 Applicability clauses for Idle Inactive measurement test cases**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0216 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

cl. aff.

r3

**Decision:** The document was **revised to R5-222002**.

**R5-222002 Applicability clauses for Idle Inactive measurement test cases**

*Type: CR For: Agreement  
 38.523-2 v16.10.0 CR-0216 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-221274)

**Decision:** The document was **agreed**.

##### 6.3.23.6 TS 38.523-3

##### 6.3.23.7 Discussion Papers, Work Plan, TC lists

#### 6.3.24 LTE-NR & NR-NR Dual Connectivity and NR CA enhancements (UID-911004) LTE\_NR\_DC\_CA\_enh-UEConTest

##### 6.3.24.1 TS 38.508-1

##### 6.3.24.2 TS 38.508-2

##### 6.3.24.3 TS 38.523-1

**R5-221197 New testcase for Idle/Inactive measurements on NR cells in RRC\_INACTIVE state with configuration through SIB11**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2834 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r2

**Decision:** The document was **revised to R5-222003**.

**R5-222003 New testcase for Idle/Inactive measurements on NR cells in RRC\_INACTIVE state with configuration through SIB11**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2834 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-221197)

**Decision:** The document was **agreed**.

**R5-221199 New testcase for Idle/Inactive measurements on E-UTRA cells in RRC\_INACTIVE state with configuration through SIB11**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2835 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

cl. aff.

r2

**Decision:** The document was **revised to R5-222004**.

**R5-222004 New testcase for Idle/Inactive measurements on E-UTRA cells in RRC\_INACTIVE state with configuration through SIB11**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2835 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-221199)

**Decision:** The document was **agreed**.

**R5-221282 New testcase for Idle/Inactive measurements on NR cells in RRC\_INACTIVE state with configuration through RRCRelease**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2855 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r2

**Decision:** The document was **revised to R5-222005**.

**R5-222005 New testcase for Idle/Inactive measurements on NR cells in RRC\_INACTIVE state with configuration through RRCRelease**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2855 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-221282)

**Decision:** The document was **agreed**.

**R5-221283 New testcase for Idle/Inactive measurements on E-UTRA cells in RRC\_INACTIVE state with configuration through RRCRelease**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2856 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

<>

r3

**Decision:** The document was **revised to R5-222006**.

**R5-222006 New testcase for Idle/Inactive measurements on E-UTRA cells in RRC\_INACTIVE state with configuration through RRCRelease**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2856 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-221283)

**Decision:** The document was **agreed**.

##### 6.3.24.4 TS 38.523-2

##### 6.3.24.5 TS 38.523-3

##### 6.3.24.6 Discussion Papers, Work Plan, TC lists

#### 6.3.25 29 dBm UE Power Class for LTE Band 41 and NR Band n41 (UID-920068) LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest

##### 6.3.25.1 TS 38.523-1

##### 6.3.25.2 TS 38.523-2

##### 6.3.25.3 Discussion Papers, Work Plan, TC lists

### 6.4 Routine Maintenance for TS 38 Series TEIx\_Test

#### 6.4.1 TS 38.508-1

#### 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)

6.4.4.4.2.7 RRC Resume (clause 8.2.7)

##### 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)

###### 6.4.4.5.6 MM Network slice-specific authentication and authorization (clause 9.1.10)

**R5-220840 Correction to R16 eNS TC 9.1.10.6**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2805 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Keysight Technologies UK, Anritsu Ltd*

**Discussion:**

TF160 manager: should be: TEI16\_Test, eNS-UEConTest!

r1

**Decision:** The document was **revised to R5-222007**.

**R5-222007 Correction to R16 eNS TC 9.1.10.6**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2805 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Keysight Technologies UK, Anritsu Ltd*

(Replaces R5-220840)

**Decision:** The document was **agreed**.

**R5-220841 Correction to R16 eNS TC 9.1.10.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2806 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Anritsu Ltd, Ericsson*

**Discussion:**

TF160 manager: should be: TEI16\_Test, eNS-UEConTest!

r2

**Decision:** The document was **revised to R5-222008**.

**R5-222008 Correction to R16 eNS TC 9.1.10.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2806 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Anritsu Ltd, Ericsson*

(Replaces R5-220841)

**Decision:** The document was **agreed**.

**R5-220842 Correction to R16 eNS TC 9.1.10.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2807 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Keysight Technologies UK, Anritsu Ltd*

**Discussion:**

TF160 manager: should be: TEI16\_Test, eNS-UEConTest!

r1

**Decision:** The document was **revised to R5-222009**.

**R5-222009 Correction to R16 eNS TC 9.1.10.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2807 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm CDMA Technologies, Keysight Technologies UK, Anritsu Ltd*

(Replaces R5-220842)

**Decision:** The document was **agreed**.

**R5-221069 Correction to test case name of TC 9.1.10.3 and TC 9.1.10.4**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2818 Cat: F (Rel-16)  
  
 Source: Tejet*

**Discussion:**

TF160 manager: wrong WIC.

cl. aff.

r1

**Decision:** The document was **revised to R5-222010**.

**R5-222010 Correction to test case name of TC 9.1.10.3 and TC 9.1.10.4**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2818 rev 1 Cat: F (Rel-16)  
  
 Source: Tejet*

(Replaces R5-221069)

**Decision:** The document was **agreed**.

**R5-221093 Correction to Rel16 eNS EPS Mobility Management test case**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2825 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility, MCC TF160*

**Discussion:**

was wrong AI.

r1

**Decision:** The document was **revised to R5-222011**.

**R5-222011 Correction to Rel16 eNS EPS Mobility Management test case**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2825 rev 1 Cat: F (Rel-16)  
  
 Source: Lenovo, Motorola Mobility, MCC TF160*

(Replaces R5-221093)

**Decision:** The document was **agreed**.

**R5-221239 Updates to test case 9.1.10.3**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2852 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

merged into Qualcomm CR R5-220841r1.

**Decision:** The document was **withdrawn**.

**R5-221240 Updates to test case 9.1.10.4**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2853 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222012**.

**R5-222012 Updates to test case 9.1.10.4**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2853 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-221240)

**Decision:** The document was **agreed**.

##### 6.4.4.6 5GS Non-3GPP Access Mobility Management (clause 9.2)

**R5-220115 Update of date for 5GC TC 9.2.4.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2678 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

first agreed, then r1

based on comments from TF160 and R&S.

**Decision:** The document was **revised to R5-222013**.

**R5-222013 Update of date for 5GC TC 9.2.4.1**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2678 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces R5-220115)

**Decision:** The document was **agreed**.

##### 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

###### 6.4.4.11.2 5G-SRVCC

**R5-220621 Correction to NR SRVCC TC 8.1.3.2.8-Inter RAT**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2788 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

TF160 manager: should be: TEI16\_Test, SRVCC\_NR\_to\_UMTS-UEConTest!

r1

**Decision:** The document was **revised to R5-222014**.

**R5-222014 Correction to NR SRVCC TC 8.1.3.2.8-Inter RAT**

*Type: CR For: Agreement  
 38.523-1 v16.10.0 CR-2788 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-220621)

**Decision:** The document was **agreed**.

###### 6.4.4.11.3 Unified Access Control (UAC)

###### 6.4.4.11.4 Emergency Services

###### 6.4.4.11.5 3GPP PS Data Off

#### 6.4.5 TS 38.523-2

#### 6.4.6 TS 38.523-3

#### 6.4.7 Discussion Papers, Work Plan, TC lists

**R5-220625 TS 36.523-1 Tracker status before RAN5-94e**

*Type: other For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

### 6.5 Routine Maintenance for TS 36 Series TEIx\_Test

#### 6.5.1 Routine Maintenance for TS 36.508

**R5-220459 Reference dedicated EPS bearer contexts for MCVideo and MCData**

*Type: CR For: Agreement  
 36.508 v17.1.0 CR-1383 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222015**.

**R5-222015 Reference dedicated EPS bearer contexts for MCVideo and MCData**

*Type: CR For: Agreement  
 36.508 v17.1.0 CR-1383 rev 1 Cat: F (Rel-17)  
  
 Source: MCC TF160*

(Replaces R5-220459)

**Decision:** The document was **agreed**.

**R5-220620 Correction to default AT command and information element**

*Type: CR For: Agreement  
 36.508 v17.1.0 CR-1384 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**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

##### 6.5.3.2 Layer 2

###### 6.5.3.2.1 MAC

**R5-221220 Updates to test case 7.1.4.42**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5082 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222016**.

**R5-222016 Updates to test case 7.1.4.42**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5082 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-221220)

**Decision:** The document was **agreed**.

###### 6.5.3.2.2 RLC

###### 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)

**R5-221067 Updates to LTE audit TC 8.5.4.1**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5075 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-221405**.

**R5-221405 Updates to LTE audit TC 8.5.4.1**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5075 rev 1 Cat: F (Rel-17)  
  
 Source: MCC TF160*

(Replaces R5-221067)

**Decision:** The document was **agreed**.

**R5-221221 Updates to test case 8.5.4.1**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5083 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

###### 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)

###### 6.5.3.3.6 RRC ANR for UTRAN (clause 8.7)

##### 6.5.3.4 EPS Mobility Management

**R5-220129 Update of date for EPC TC 9.1.5.1**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5072 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222017**.

**R5-222017 Update of date for EPC TC 9.1.5.1**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5072 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-220129)

**Decision:** The document was **agreed**.

##### 6.5.3.5 EPS Session Management

##### 6.5.3.6 General Tests

**R5-221073 Update to EIEI test case 11.3.2**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5076 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

**R5-221074 Update to EIEI test case 11.3.6**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5077 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

##### 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...)

**R5-220157 Correction to NB-IoT test case 22.4.13**

*Type: CR For: Agreement  
 36.523-1 v17.0.0 CR-5073 Cat: F (Rel-17)  
  
 Source: TDIA, CATT*

**Decision:** The document was **agreed**.

#### 6.5.4 Routine Maintenance for TS 36.523-2

#### 6.5.5 Routine Maintenance for TS 36.523-3

**R5-220460 Routine maintenance for TS 36.523-3**

*Type: CR For: Agreement  
 36.523-3 v17.1.0 CR-4665 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Discussion:**

late doc

**Decision:** The document was **withdrawn**.

#### 6.5.6 Discussion Papers, Work Plan, TC lists

**R5-220626 TS 38.523-1 Tracker status before RAN5-94e**

*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

**R5-220130 Update of date for MM NITZ TC 9.4.10**

*Type: CR For: Agreement  
 34.123-1 v15.4.0 CR-3935 Cat: F (Rel-15)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222018**.

**R5-222018 Update of date for MM NITZ TC 9.4.10**

*Type: CR For: Agreement  
 34.123-1 v15.4.0 CR-3935 rev 1 Cat: F (Rel-15)  
  
 Source: MediaTek Inc.*

(Replaces R5-220130)

**Decision:** The document was **agreed**.

**R5-220131 Update of date for GMM NITZ TC 12.2.1.13 and 12.2.1.15**

*Type: CR For: Agreement  
 34.123-1 v15.4.0 CR-3936 Cat: F (Rel-15)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222019**.

**R5-222019 Update of date for GMM NITZ TC 12.2.1.13 and 12.2.1.15**

*Type: CR For: Agreement  
 34.123-1 v15.4.0 CR-3936 rev 1 Cat: F (Rel-15)  
  
 Source: MediaTek Inc.*

(Replaces R5-220131)

**Decision:** The document was **agreed**.

##### 6.6.4.2 TS 34.123-2

**R5-220193 Update applicability of TC 9.5.2 and 9.5.6**

*Type: CR For: Agreement  
 34.123-2 v15.2.0 CR-0793 Cat: F (Rel-15)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222020**.

**R5-222020 Update applicability of TC 9.5.2 and 9.5.6**

*Type: CR For: Agreement  
 34.123-2 v15.2.0 CR-0793 rev 1 Cat: F (Rel-15)  
  
 Source: MediaTek Inc.*

(Replaces R5-220193)

**Decision:** The document was **agreed**.

**R5-220665 Correction Ref. of Table A.18b/10**

*Type: CR For: Agreement  
 34.123-2 v15.2.0 CR-0794 Cat: F (Rel-15)  
  
 Source: SGS Wireless*

**Decision:** The document was **agreed**.

##### 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

**R5-220211 Corrections to TC 22.1**

*Type: CR For: Agreement  
 34.229-1 v16.0.0 CR-1487 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, Apple Inc*

**Decision:** The document was **agreed**.

**R5-220212 Corrections to o-lines for uniqueness**

*Type: CR For: Agreement  
 34.229-1 v16.0.0 CR-1488 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, MCC TF160*

**Decision:** The document was **agreed**.

**R5-220959 Update to Annex A.1.1**

*Type: CR For: Agreement  
 34.229-1 v16.0.0 CR-1489 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **withdrawn**.

**R5-220971 Update to A.2.1 for eCall over IMS**

*Type: CR For: Agreement  
 34.229-1 v16.0.0 CR-1490 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

##### 6.6.6.2 TS 34.229-2

**R5-220184 Update applicability for test case G.19.1**

*Type: CR For: Agreement  
 34.229-2 v16.1.0 CR-0300 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

TF160 manager: wrong WiC+AI

r1

**Decision:** The document was **revised to R5-221409**.

**R5-221409 Update applicability for test case G.19.1**

*Type: CR For: Agreement  
 34.229-2 v16.1.0 CR-0300 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-220184)

**Decision:** The document was **withdrawn**.

**R5-221216 Editorial update for IMS emergency service applicability**

*Type: CR For: Agreement  
 34.229-2 v16.1.0 CR-0306 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

TF160 manager: Wrong WIC and AI.

E///: use TEI9\_test and AI 6.6.6.2

r2

**Decision:** The document was **revised to R5-221407**.

**R5-221407 Editorial update for IMS emergency service applicability**

*Type: CR For: Agreement  
 34.229-2 v16.1.0 CR-0306 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-221216)

**Decision:** The document was **withdrawn**.

##### 6.6.6.3 TS 34.229-3

##### 6.6.6.4 TS 34.229-4

##### 6.6.6.5 Discussion Papers, Work Plan, TC lists

##### 6.6.6.6 TS 34.229-5

**R5-220175 Update generic procedure A.6**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0287 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222021**.

**R5-222021 Update generic procedure A.6**

*Type: CR For: Agreement  
 34.229-5 v16.1.0 CR-0287 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-220175)

**Decision:** The document was **agreed**.

#### 6.6.7 Routine Maintenance for TS 37.571

##### 6.6.7.1 TS 37.571-2

##### 6.6.7.2 TS 37.571-3

##### 6.6.7.3 TS 37.571-4

##### 6.6.7.4 TS 37.571-5

##### 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)

**R5-220132 Update of date for MM NITZ TC 26.7.6.1.1**

*Type: CR For: Agreement  
 51.010-1 v13.12.0 CR-5164 Cat: F (Rel-13)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222022**.

**R5-222022 Update of date for MM NITZ TC 26.7.6.1.1**

*Type: CR For: Agreement  
 51.010-1 v13.12.0 CR-5164 rev 1 Cat: F (Rel-13)  
  
 Source: MediaTek Inc.*

(Replaces R5-220132)

**Decision:** The document was **agreed**.

**R5-220133 Update of date for GMM NITZ TC 44.2.9.1.1 and 44.2.9.1.3**

*Type: CR For: Agreement  
 51.010-1 v13.12.0 CR-5165 Cat: F (Rel-13)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222023**.

**R5-222023 Update of date for GMM NITZ TC 44.2.9.1.1 and 44.2.9.1.3**

*Type: CR For: Agreement  
 51.010-1 v13.12.0 CR-5165 rev 1 Cat: F (Rel-13)  
  
 Source: MediaTek Inc.*

(Replaces R5-220133)

**Decision:** The document was **agreed**.

**R5-220134 Update of GMM TC 44.2.5.2.5**

*Type: CR For: Agreement  
 51.010-1 v13.12.0 CR-5166 Cat: F (Rel-13)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222024**.

**R5-222024 Update of GMM TC 44.2.5.2.5**

*Type: CR For: Agreement  
 51.010-1 v13.12.0 CR-5166 rev 1 Cat: F (Rel-13)  
  
 Source: MediaTek Inc.*

(Replaces R5-220134)

**Decision:** The document was **agreed**.

##### 6.6.8.2 TS 51.010-2 (Signalling)

**R5-220135 Update of the release for GEA1 test cases**

*Type: CR For: Agreement  
 51.010-2 v13.12.0 CR-4407 Cat: F (Rel-13)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-220428 Update to mandate non support of GEA2 from Rel-16**

*Type: CR For: Agreement  
 51.010-2 v13.12.0 CR-4408 Cat: F (Rel-13)  
  
 Source: Bureau Veritas*

**Discussion:**

TF160 manager: - the CR contains changes:

- Up to Rel-16,

- and also not related to the CR title, i.e. not related to GEA2.

Conclusion: update the GEA2 encryption applicability to follow SA3 decision, but only update till Release 13 to comply with latest TS 51.010-2.

Reissued as R5-221411 because of title change.

**Decision:** The document was **withdrawn**.

**R5-221411 Update to GEA2 Encryption applicability**

*Type: CR For: Agreement  
 51.010-2 v13.12.0 CR-4409 Cat: F (Rel-13)  
  
 Source: Bureau Veritas*

**Abstract:**

Reissued from R5-220428 because of title change.

**Discussion:**

r1

**Decision:** The document was **revised to R5-222025**.

**R5-222025 Update to GEA2 Encryption applicability**

*Type: CR For: Agreement  
 51.010-2 v13.12.0 CR-4409 rev 1 Cat: F (Rel-13)  
  
 Source: Bureau Veritas*

(Replaces R5-221411)

**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

**R5-220461 Correction of clause 2 - References**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0231 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220462 Correction of clause 5.4 - Generic test procedures for UE operation over E-UTRA/EPC**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0232 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220463 Correction of clause 5.5.11 - Default MCVideo Transmission Control Messages and other Information Elements**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0233 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220464 Correction of clause 5.5.12 - MSRP Messages for MCData**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0234 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220465 Correction of clause 5.5.2.16 - SIP 1xx**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0235 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220466 Correction of clause 5.5.2.17 - SIP 2xx**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0236 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220467 Correction of clause 5.5.2.5 - SIP INVITE**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0237 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220468 Correction of clause 5.5.2.7 - SIP MESSAGE**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0238 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220469 Correction of clause 5.5.2-11 - SIP PUBLISH**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0239 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220470 Correction of clause 5.5.2-8 - SIP NOTIFY**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0240 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220471 Correction of clause 5.5.3.1 - SDP Message**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0241 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222026**.

**R5-222026 Correction of clause 5.5.3.1 - SDP Message**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0241 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-220471)

**Decision:** The document was **agreed**.

**R5-220472 Correction of clause 5.5.3.10 - MCData Protected Payload Message**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0242 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220473 Correction of clause 5.5.3.6 - SIMPLE-FILTER**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0243 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222027**.

**R5-222027 Correction of clause 5.5.3.6 - SIMPLE-FILTER**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0243 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-220473)

**Decision:** The document was **agreed**.

**R5-220474 Correction of clause 5.5.3.8 - MCData Data signalling messages**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0244 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220475 Correction of clause 5.5.4 - Default HTTP message and other information elements**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0245 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220476 Correction of clause 5.5.6 - Default MCPTT media plane control messages and other information elements**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0246 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220477 Correction of clause 5.5.7 - Default MCX group management messages and other information elements**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0247 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220478 Correction of clause 5.5.8 - Default MCS configuration management messages and other information elements**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0248 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220479 Correction of clause 5.5.9.1 - CSK download by the SS**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0249 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220480 Removal of clause 5.5.3.13**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0250 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220481 Restructuring of clause 5.3 - Generic test procedures for UE MCS operation**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0251 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222028**.

**R5-222028 Restructuring of clause 5.3 - Generic test procedures for UE MCS operation**

*Type: CR For: Agreement  
 36.579-1 v15.4.0 CR-0251 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-220481)

**Decision:** The document was **agreed**.

##### 6.6.9.2 TS 36.579-2

**R5-220482 Correction of MCPTT Test Case 5.2**

*Type: CR For: Agreement  
 36.579-2 v15.2.0 CR-0280 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220483 Correction of MCPTT Test Case 5.3**

*Type: CR For: Agreement  
 36.579-2 v15.2.0 CR-0281 Cat: F (Rel-15)  
  
 Source: MCC TF160, NIST, UPV/EHU, Nemergent Solutions*

**Discussion:**

r1

**Decision:** The document was **revised to R5-222029**.

**R5-222029 Correction of MCPTT Test Case 5.3**

*Type: CR For: Agreement  
 36.579-2 v15.2.0 CR-0281 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160, NIST, UPV/EHU, Nemergent Solutions*

(Replaces R5-220483)

**Discussion:**

Unresolved issues have been identified late and there is no time any more to fix them at this meeting.

**Decision:** The document was **withdrawn**.

**R5-220484 Correction of MCPTT Test Case 5.5**

*Type: CR For: Agreement  
 36.579-2 v15.2.0 CR-0282 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220485 Correction of Test Cases in clause 6**

*Type: CR For: Agreement  
 36.579-2 v15.2.0 CR-0283 Cat: F (Rel-15)  
  
 Source: MCC TF160, , UPV/EHU, Nemergent Solutions*

**Discussion:**

r2

**Decision:** The document was **revised to R5-222030**.

**R5-222030 Correction of Test Cases in clause 6**

*Type: CR For: Agreement  
 36.579-2 v15.2.0 CR-0283 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160, , UPV/EHU, Nemergent Solutions*

(Replaces R5-220485)

**Decision:** The document was **agreed**.

**R5-220486 MCPTT condition clarification**

*Type: CR For: Agreement  
 36.579-2 v15.2.0 CR-0284 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-221082 Correction of MCPTT Test Case 6.2.2**

*Type: CR For: Agreement  
 36.579-2 v15.2.0 CR-0285 Cat: F (Rel-15)  
  
 Source: UPV/EHU, Nemergent Solutions*

**Discussion:**

CR will be merged into TF160’s R5-220485.

**Decision:** The document was **withdrawn**.

**R5-221083 Correction of MCPTT Test Case 6.1.1.17**

*Type: CR For: Agreement  
 36.579-2 v15.2.0 CR-0286 Cat: F (Rel-15)  
  
 Source: UPV/EHU, Nemergent Solutions*

**Decision:** The document was **withdrawn**.

##### 6.6.9.3 TS 36.579-3

##### 6.6.9.4 TS 36.579-4

**R5-220487 Addition of PICS**

*Type: CR For: Agreement  
 36.579-4 v15.2.0 CR-0021 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

rmv to Annex A.4!

r1

**Decision:** The document was **revised to R5-222031**.

**R5-222031 Addition of PICS**

*Type: CR For: Agreement  
 36.579-4 v15.2.0 CR-0021 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-220487)

**Decision:** The document was **agreed**.

**R5-221101 Misc. updates to MC client test cases**

*Type: CR For: Agreement  
 36.579-4 v15.2.0 CR-0022 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

##### 6.6.9.5 TS 36.579-5

**R5-220488 Routine maintenance for TS 36.579-5**

*Type: CR For: Agreement  
 36.579-5 v14.5.0 CR-0070 Cat: F (Rel-14)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

##### 6.6.9.6 TS 36.579-6

**R5-220489 Correction of MCVideo Test Case 5.1**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0036 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220490 Correction of MCVideo Test Case 5.2**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0037 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220491 Correction of MCVideo Test Case 5.3**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0038 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220492 Correction of MCVideo Test Case 5.4**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0039 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220493 MCVideo condition clarification**

*Type: CR For: Agreement  
 36.579-6 v15.1.0 CR-0040 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

##### 6.6.9.7 TS 36.579-7

**R5-220494 Addition of test files to annex A**

*Type: CR For: Agreement  
 36.579-7 v15.1.0 CR-0013 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Discussion:**

cover title!

r1

**Decision:** The document was **revised to R5-221404**.

**R5-221404 Addition of test files to annex A**

*Type: CR For: Agreement  
 36.579-7 v15.1.0 CR-0013 rev 1 Cat: F (Rel-15)  
  
 Source: MCC TF160*

(Replaces R5-220494)

**Decision:** The document was **agreed**.

**R5-220495 Correction of clause 2 - References**

*Type: CR For: Agreement  
 36.579-7 v15.1.0 CR-0014 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220496 Correction of clause 6.1 - Short Data Service**

*Type: CR For: Agreement  
 36.579-7 v15.1.0 CR-0015 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220497 Correction of clause 6.2 - File Distribution Test Cases**

*Type: CR For: Agreement  
 36.579-7 v15.1.0 CR-0016 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220498 Correction of clause 6.3 - Enhanced Status Test Cases**

*Type: CR For: Agreement  
 36.579-7 v15.1.0 CR-0017 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220499 Correction of MCData Test Case 5.2**

*Type: CR For: Agreement  
 36.579-7 v15.1.0 CR-0018 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220500 Correction of MCData Test Case 5.3**

*Type: CR For: Agreement  
 36.579-7 v15.1.0 CR-0019 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220501 Correction of MCData Test Case 5.4**

*Type: CR For: Agreement  
 36.579-7 v15.1.0 CR-0020 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-220502 MCData condition clarification**

*Type: CR For: Agreement  
 36.579-7 v15.1.0 CR-0021 Cat: F (Rel-15)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

##### 6.6.9.8 Other Specs

##### 6.6.9.9 Discussion Papers, Work Plan, TC lists

### 6.7 Outgoing liaison statements for provisional approval

### 6.8 AOB

## 7 Closing Joint Session

### 7.1 Pointer CRs

### 7.2 Open Issues

#### 7.2.1 RF group docs still requiring WG verdict/confirmation - original A.I. retained

#### 7.2.2 Sig group docs still requiring WG verdict/confirmation - original A.I. retained

#### 7.2.3 Other open issues from joint sessions - original A.I. retained

**R5-221397 Discussion on 5G NR CADC configuration handling in RAN5**

*Type: discussion For: Endorsement  
 Source: CMCC, Huawei, Hisilicon, Ericsson, China Unicom, China Telecom, Nokia, CAICT, Bureau Veritas, ZTE*

(Replaces R5-220140)

**Discussion:**

All proposals are endorsed.

**Decision:** The document was **noted**.

**R5-221398 PRD21 v0.1.0 on NR bands and 5G NR CADC configuration handling in RAN5**

*Type: other For: Approval  
 Source: CMCC*

(Replaces R5-220767)

**Decision:** The document was **noted**.

#### 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

**R5-220427 PRD-17 on Guidance to Work Item Codes (post RAN#95-e version)**

*Type: other For: Approval  
 Source: Bureau Veritas (Rapporteur)*

**Abstract:**

Post-meeting

**Decision:** The document was **not treated**.

**R5-220661 PRD21 v1.0.0 on NR bands and 5G NR CADC configuration handling in RAN5**

*Type: other For: Approval  
 Source: CMCC*

**Decision:** The document was **not treated**.

**R5-221932 Update to IWD-003**

*Type: other For: Approval  
 Source: Rohde & Schwarz*

**Abstract:**

11.4.1 This test case can now be removed from iwd-003, as CT1 LS answer in R5-220014 + the RAN5#94-e agreed CR R5-220560, have resolved this issue. This will help the test case to be made available for verification in iwd-22wk12.

**Discussion:**

for email approval

**Decision:** The document was **approved**.

### 7.4 Work Items/ Study Items

#### 7.4.1 Final version of Work Item Proposals

**R5-221379 New WID on UE Conformance - Enhancement of data collection for SON and MDT in NR SA and MR-DC**

*Type: WID new For: Endorsement  
 Source: CMCC*

(Replaces R5-220102)

**Discussion:**

is endorsed.

**Decision:** The document was **endorsed**.

**R5-221380 New WID - UE Conformance - Enhancement of Network Slicing Phase 2**

*Type: WID new For: Endorsement  
 Source: CMCC, CATT*

(Replaces R5-220164)

**Discussion:**

is endorsed.

**Decision:** The document was **endorsed**.

**R5-221381 New WID on UE Conformance – Support of reduced capability NR devices**

*Type: WID new For: Approval  
 Source: China Unicom, Hisilicon, Ericsson, Huawei, Qualcomm*

(Replaces R5-220173)

**Discussion:**

is endorsed.

**Decision:** The document was **endorsed**.

**R5-221382 New WID on UE Conformance - LTE/NR Multi-SIM devices**

*Type: WID new For: Endorsement  
 Source: China Telecommunications,Vivo,CATT*

(Replaces R5-220328)

**Discussion:**

is endorsed.

**Decision:** The document was **endorsed**.

**R5-221383 New WID on UE Conformance - NR coverage enhancements**

*Type: WID new For: Endorsement  
 Source: China Telecom*

(Replaces R5-220426)

**Discussion:**

is endorsed.

**Decision:** The document was **endorsed**.

**R5-221384 New WID on UE Conformance - NR Multicast and Broadcast Services including CT and SA aspects**

*Type: WID new For: Approval  
 Source: Huawei, Hisilicon*

(Replaces R5-220622)

**Discussion:**

is endorsed.

**Decision:** The document was **endorsed**.

**R5-221385 New WID on UE Conformance - Introduction of FR2 FWA UE with maximum TRP of 23dBm for band n257 and n258**

*Type: WID new For: Approval  
 Source: Huawei, Hisilicon*

(Replaces R5-221137)

**Discussion:**

is endorsed.

**Decision:** The document was **endorsed**.

#### 7.4.2 Active Work Items/ Study Item: work plans (wp), status reports (sr), Work Item Descriptions (wid)

**R5-220012 WI Progress and Target Completion Date Review**

*Type: other For: Information  
 Source: WG Chairman*

**Decision:** The document was **noted**.

**R5-220022 SR - NR\_Rel-16\_CA\_DC after RAN5#94-e**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-220023 WP - NR\_Rel-16\_CA\_DC after RAN5#94-e**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-220025 SR-LTE/NR spectrum sharing in Band 34/n34 and Band 39/n39 after RAN5#94-e**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-220026 WP-LTE/NR spectrum sharing in Band 34/n34 and Band 39/n39 after RAN5#94-e**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-220027 SR - Rel-16 HST after RAN5#94-e**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-220028 WP - Rel-16 HST after RAN5#94-e**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-220029 SR - Rel-16 IiOT after RAN5#94-e**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-220030 WP - Rel-16 IiOT after RAN5#94-e**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-220031 SR - FS\_NR\_Slice\_Test after RAN5#94-e**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-220032 WP - FS\_NR\_Slice\_Test after RAN5#94-e**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-220033 SR - NR\_Rel-17\_PC1.5\_n79 after RAN5#94-e**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Discussion:**

The completion level has reached 57% (+22%).

**Decision:** The document was **noted**.

**R5-220034 WP - NR\_Rel-17\_PC1.5\_n79 after RAN5#94-e**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-220035 SR - NR\_Rel-17\_PC2\_n34 after RAN5#94-e**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-220036 WP - NR\_Rel-17\_PC2\_n34 after RAN5#94-e**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-220037 SR - NR\_Rel-17\_PC2\_n39 after RAN5#94-e**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-220038 WP - NR\_Rel-17\_PC2\_n39 after RAN5#94-e**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-220043 SR - NR\_SON\_MDT-UEConTest after RAN5#94-e**

*Type: WI status report For: Information  
 Source: CMCC, Ericsson*

**Decision:** The document was **noted**.

**R5-220044 WP - NR\_SON\_MDT-UEConTest after RAN5#94-e**

*Type: Work Plan For: Information  
 Source: CMCC, Ericsson*

**Decision:** The document was **noted**.

**R5-220261 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**.

**R5-220262 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**.

**R5-220263 Revised WID - UE Conformance Test Aspects - 29 dBm UE Power Class for LTE Band 41and NR Band n41**

*Type: WID revised For: Endorsement  
 Source: T-Mobile USA Inc.*

**Discussion:**

is endorsed.

**Decision:** The document was **noted**.

**R5-220306 WP UE Conformance Test Aspects for NR RF Requirement Enhancements for FR2**

*Type: Work Plan For: Information  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **noted**.

**R5-220307 SR UE Conformance Test Aspects for NR RF Requirement Enhancements for FR2**

*Type: WI status report For: Information  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **noted**.

**R5-220326 WP UE Conformance Test Aspects for 2-step RACH for NR**

*Type: Work Plan For: (not specified)  
 Source: ZTE Corporation*

**Decision:** The document was **noted**.

**R5-220327 SR UE Conformance Test Aspects for 2-step RACH for NR**

*Type: WI status report For: (not specified)  
 Source: ZTE Corporation*

**Decision:** The document was **noted**.

**R5-220408 SR UE Conformance Test Aspects for NR performance requirement enhancement RAN5#94e**

*Type: WI status report For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-220409 WP UE Conformance Test Aspects for add support of NR DL 256QAM for FR2 RAN5#94e**

*Type: Work Plan For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-220410 SR UE Conformance Test Aspects for add support of NR DL 256QAM for FR2 RAN5#94e**

*Type: WI status report For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-220411 SR UE Conformance Aspects - Even further mobility enhancement in E-UTRAN RAN5#94e**

*Type: WI status report For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-220412 WP UE Conformance Aspects - Even further mobility enhancement in E-UTRAN RAN5#94e**

*Type: Work Plan For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-220413 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#94e**

*Type: WI status report For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-220414 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#94e**

*Type: Work Plan For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-220415 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#94e**

*Type: WI status report For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-220416 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#94e**

*Type: Work Plan For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-220435 WP UE Conformance Test Aspects - Rel-15 LTE CA configurations**

*Type: Work Plan For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-220436 SR UE Conformance Test Aspects - Rel-15 LTE CA configurations**

*Type: WI status report For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-220437 WP UE Conformance Test Aspects - Rel-16 LTE CA configurations**

*Type: Work Plan For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-220438 SR UE Conformance Test Aspects - Rel-16 LTE CA configurations**

*Type: WI status report For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-220439 WP UE Conformance Test Aspects - 5G system with NR and LTE**

*Type: Work Plan For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-220440 SR UE Conformance Test Aspects - 5G system with NR and LTE**

*Type: WI status report For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-220443 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 **noted**.

**R5-220444 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 **noted**.

**R5-220446 WP UE Conformance - Power Class 2 for EN-DC with xLTE band + yNR DL with 1LTE+1(TDD) NR UL band (x= 2, 3, 4, y=1; x=1, 2, y=2)**

*Type: Work Plan For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-220447 SR UE Conformance - Power Class 2 for EN-DC with xLTE band + yNR DL with 1LTE+1(TDD) NR UL band (x= 2, 3, 4, y=1; x=1, 2, y=2)**

*Type: WI status report For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-220509 WP for HPUE\_PC1\_5\_n77\_n78-UEConTest for RAN5#94-e**

*Type: Work Plan For: (not specified)  
 Source: Verizon Switzerland AG*

**Decision:** The document was **noted**.

**R5-220510 SR for HPUE\_PC1\_5\_n77\_n78-UEConTest for RAN5#94-e**

*Type: WI status report For: (not specified)  
 Source: Verizon Switzerland AG*

**Decision:** The document was **noted**.

**R5-220526 Work plan: UE Conformance Test Aspects for NR Positioning Support**

*Type: Work Plan For: Endorsement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-220527 SR UE Conformance Test Aspects - NR Positioning Support**

*Type: WI status report For: Endorsement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-220528 Work plan: UE Conformance Test Aspects – UE power saving in NR**

*Type: Work Plan For: Endorsement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-220529 SR UE Conformance Test Aspects - UE power saving in NR**

*Type: WI status report For: Endorsement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-220599 SR of Rel-16 NR V2X WI after RAN5 94e**

*Type: WI status report For: Endorsement  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-220600 WP of Rel-16 NR V2X WI after RAN5 94e**

*Type: Work Plan For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-220608 SR of Rel-16 NR Mobility Enhancement WI after RAN5 94e**

*Type: WI status report For: Endorsement  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-220609 WP of Rel-16 NR Mobility Enhancement WI after RAN5 94e**

*Type: Work Plan For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-220623 Revised WID on UE conformance test aspects for 5G V2X with NR sidelink**

*Type: WID revised For: Agreement  
 Source: Huawei, Hisilicon*

**Discussion:**

is endorsed.

**Decision:** The document was **noted**.

**R5-220624 Revised WID on UE conformance test aspects for NR mobility enhancements**

*Type: WID revised For: Agreement  
 Source: Huawei, Hisilicon*

**Discussion:**

is endorsed.

**Decision:** The document was **noted**.

**R5-220772 WP on ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest for RAN5#94e**

*Type: Work Plan For: (not specified)  
 Source: China Unicom*

**Decision:** The document was **noted**.

**R5-220773 SR on ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest for RAN5#94e**

*Type: WI status report For: (not specified)  
 Source: China Unicom*

**Decision:** The document was **noted**.

**R5-220828 WP - Enhancements on MIMO for NR**

*Type: Work Plan For: Information  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-220829 SR - Enhancements on MIMO for NR**

*Type: WI status report For: Endorsement  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-220830 WP - NR URLLC**

*Type: Work Plan For: Information  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-220831 SR - NR URLLC**

*Type: WI status report For: Endorsement  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-220833 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**.

**R5-220834 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**.

**R5-220835 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**.

**R5-220836 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**.

**R5-220838 Revised WID - UE Conformance Test Aspects - Rel-16 Optimisations on UE radio capability signalling – NR/E-UTRA**

*Type: WID revised For: Endorsement  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

rapporteur change

**Decision:** The document was **noted**.

**R5-220858 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**.

**R5-220859 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**.

**R5-220957 WP UE Conformance Test Aspects - Support of eCall over IMS for NR**

*Type: Work Plan For: (not specified)  
 Source: Qualcomm Incorporated*

**Decision:** The document was **noted**.

**R5-220958 SR UE Conformance Test Aspects - Support of eCall over IMS for NR**

*Type: WI status report For: (not specified)  
 Source: Qualcomm Incorporated*

**Decision:** The document was **noted**.

**R5-220969 WP - Common RF requirement configured output power for EN-DC with 3 uplink CC and 2 different bands (2CC LTE, 1CC NR FR1)**

*Type: Work Plan For: Information  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-220970 SR - Common RF requirement configured output power for EN-DC with 3 uplink CC and 2 different bands (2CC LTE, 1CC NR FR1)**

*Type: WI status report For: Endorsement  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-221071 WP - Transparent Tx Diversity (TxD) for NR**

*Type: Work Plan For: Information  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-221072 SR - Transparent Tx Diversity (TxD) for NR**

*Type: WI status report For: Endorsement  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-221136 Revised WID on UE Conformance - Additional NR bands for UL-MIMO in Rel-17**

*Type: WID revised For: Approval  
 Source: Huawei, Hisilicon*

**Discussion:**

is endorsed.

**Decision:** The document was **endorsed**.

**R5-221138 WP of New Rel-17 NR licensed bands and extension of existing NR bands**

*Type: Work Plan For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-221139 SR of New Rel-17 NR licensed bands and extension of existing NR bands**

*Type: WI status report For: Endorsement  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-221140 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 **noted**.

**R5-221141 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 **noted**.

**R5-221142 WP of Additional NR bands for UL-MIMO in Rel-17**

*Type: Work Plan For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-221143 SR of Additional NR bands for UL-MIMO in Rel-17**

*Type: WI status report For: Endorsement  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-221145 WP UE Conformance Test Aspects - NR performance requirement enhancement**

*Type: Work Plan For: Approval  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **noted**.

**R5-221146 WP UE Conformance Test Aspects - Rel -16 for CLI handling for NR**

*Type: Work Plan For: Approval  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **noted**.

**R5-221147 SR UE Conformance Test Aspects - Rel -16 for CLI handling for NR**

*Type: WI status report For: Approval  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **noted**.

**R5-221148 WP - 5G NR User Equipment (UE) Application Layer Data Throughput Performance**

*Type: Work Plan For: Approval  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **noted**.

**R5-221149 SR - 5G NR User Equipment (UE) Application Layer Data Throughput Performance**

*Type: WI status report For: Approval  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **noted**.

**R5-221150 WP - UE Conformance Test Aspects for NR-based Access to Unlicensed Spectrum**

*Type: Work Plan For: Approval  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **noted**.

**R5-221151 SR - UE Conformance Test Aspects for NR-based Access to Unlicensed Spectrum**

*Type: WI status report For: Approval  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **noted**.

**R5-221194 WP UE Conformance Test Aspects - LTE-NR & NR-NR Dual Connectivity and NR CA enhancements**

*Type: Work Plan For: (not specified)  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **noted**.

**R5-221196 SR UE Conformance Test Aspects - LTE-NR & NR-NR Dual Connectivity and NR CA enhancements**

*Type: WI status report For: (not specified)  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **noted**.

**R5-221247 WP UE Conformance Test Aspects – Rel14 Enhanced Full Dimension MIMO for LTE**

*Type: Work Plan For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-221248 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**.

**R5-221342 Revised WID on UE Conformance Test Aspects – LTE-NR & NR-NR Dual Connectivity and NR CA enhancements**

*Type: WID revised For: Endorsement  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r1

**Decision:** The document was **noted**.

**R5-222033 Revised WID on UE Conformance Test Aspects – LTE-NR & NR-NR Dual Connectivity and NR CA enhancements**

*Type: WID revised For: Endorsement  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-221342)

**Discussion:**

is endorsed.

**Decision:** The document was **noted**.

**R5-221372 WP - RF requirements for NR frequency range 1 (FR1)**

*Type: Work Plan For: Information  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-221373 SR - RF requirements for NR frequency range 1 (FR1)**

*Type: WI status report For: Information  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

#### 7.4.3 Work Plan updates of recently closed work items

**R5-220863 WP UE Conformance Test Aspects- SRVCC\_NR\_to\_UMTS**

*Type: Work Plan For: (not specified)  
 Source: China Unicom*

**Decision:** The document was **noted**.

### 7.5 Docs still needing agreement/endorsement/approval (e.g. Outgoing LS, Reports, New Specs, Info for certification bodies etc.)

**R5-220433 RAN5#94-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**.

**R5-220434 3GPP RAN5 PRD20 v1.1.0: CA status list**

*Type: other For: Information  
 Source: Ericsson*

**Abstract:**

Post meeting document

**Discussion:**

As there were no additional LTE CA configurations completed at RAN5#94-e there is no longer any need for an update.

**Decision:** The document was **withdrawn**.

**R5-220441 5GS progress report RAN5#94-e**

*Type: WI status report For: Information  
 Source: Ericsson*

**Abstract:**

Post meeting document

**Decision:** The document was **noted**.

**R5-220442 Update of RAN5 5G NR phases and target update RAN5#94-e**

*Type: discussion For: Endorsement  
 Source: Ericsson*

**Abstract:**

Post meeting document

**Decision:** The document was **not treated**.

**R5-221378 MCC TF160 Status Report**

*Type: report For: Approval  
 Source: MCC TF160*

(Replaces R5-220450)

**Decision:** The document was **approved**.

**R5-220627 TS 36.523-1 Tracker status after RAN5-94e**

*Type: other For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **not treated**.

**R5-220628 TS 38.523-1 Tracker status after RAN5-94e**

*Type: other For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **not treated**.

**R5-220660 draft TR 38.918 v0.4.0**

*Type: draft TR For: Approval  
 38.918 v0.4.0  
 Source: CMCC*

**Discussion:**

deadline 14.3. 15:00 CET

**Decision:** The document was **approved**.

**R5-221414 Critical prose CRs list for protocol test cases at RAN5#94-e**

*Type: LS out For: Approval  
 to GCF CAG, PTCRB PVG  
 Source: TSG WG RAN5*

**Abstract:**

Olivier

**Discussion:**

for email approval

**Decision:** The document was **for email approval**.

**R5-221416 LS on V2X PC5 link for unicast communication with null security algorithm**

*Type: LS out For: Approval  
 to TSG WG RAN2, TSG WG CT1, TSG WG SA3  
 Source: TSG WG RAN5*

**Abstract:**

Yuchun

**Decision:** The document was **revised to R5-222035**.

**R5-222035 LS on V2X PC5 link for unicast communication with null security algorithm**

*Type: LS out For: Approval  
 to TSG WG RAN2, TSG WG CT1, TSG WG SA3  
 Source: TSG WG RAN5*

(Replaces R5-221416)

**Decision:** The document was **approved**.

**R5-222032 3GPP RAN5 work on Overall UE Certification for 3GPP Rel-16 SNPN and other verticals UE**

*Type: LS out For: Approval  
 to GCF, PTCRB  
 Source: TSG WG RAN5*

**Discussion:**

for email approval

**Decision:** The document was **for email approval**.

### 7.6 Confirmation of Future RAN5 Matters

**R5-220013 Review deadlines for next quarter**

*Type: other For: Information  
 Source: WG Chairman*

**Decision:** The document was **noted**.

### 7.7 AOB

## Annex A: Contribution documents and status

### A1: List of TDocs

1980 documents were submitted at RAN5#94-e. Plus 755 informal revisions (not shown here)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1. Document | 1. Title | 1. Source | 1. Decision | 1. Replaces | 1. Replaced by |
| R5-220000 | Agenda - opening session | WG Chairman | revised |  | R5-221376 |
| R5-220001 | RAN5#94-e E-Meeting Timelines, Scope, Process | WG Chairman | endorsed |  |  |
| R5-220002 | RAN5 Leadership Team | WG Chairman | noted |  |  |
| R5-220003 | RAN5#93-e WG Minutes | ETSI Secretariat | revised |  | R5-221374 |
| R5-220004 | RAN5#93-e WG Action Points | ETSI Secretariat | noted |  |  |
| R5-220005 | Latest RAN Plenary notes | WG Chairman | noted |  |  |
| R5-220006 | Latest RAN Plenary draft Report | WG Chairman | noted |  |  |
| R5-220007 | Post Plenary Active Work Item update | ETSI Secretariat | noted |  |  |
| R5-220008 | RAN5 SR to RP#94-e | WG Chairman | noted |  |  |
| R5-220009 | TF160 SR to RP#94-e | WG Chairman | noted |  |  |
| R5-220010 | RAN5#94-e LS Template | WG Chairman | noted |  |  |
| R5-220011 | Meeting schedule for 2022-23 | WG Chairman | revised |  | R5-222000 |
| R5-220012 | WI Progress and Target Completion Date Review | WG Chairman | noted |  |  |
| R5-220013 | Review deadlines for next quarter | WG Chairman | noted |  |  |
| R5-220014 | Reply LS on Emergency call after Authentication Failure | TSG WG CT1 | noted |  |  |
| R5-220015 | Non-Support of Ciphering Algorithm GEA1 | GCF SG | noted |  |  |
| R5-220016 | Defining test cases for E2E verification of Edge Application Server Discovery | TSG WG SA2 | noted |  |  |
| R5-220017 | LS on Energy Efficiency as guiding principle for new solutions | TSG SA | noted |  |  |
| R5-220018 | Response LS on duplicated measurements for SCell | TSG WG RAN2 | noted |  |  |
| R5-220019 | Reply LS on energy efficiency as guiding principle for new solutions | TSG WG SA5 | noted |  |  |
| R5-220020 | dummy LS3 | ETSI Secretariat | reserved |  |  |
| R5-220021 | dummy LS4 | ETSI Secretariat | reserved |  |  |
| R5-220022 | SR - NR\_Rel-16\_CA\_DC after RAN5#94-e | CMCC | noted |  |  |
| R5-220023 | WP - NR\_Rel-16\_CA\_DC after RAN5#94-e | CMCC | noted |  |  |
| R5-220024 | Checklist - NR\_Rel-16\_CA\_DC for RAN5#94-e | CMCC, BV, Ericsson | noted |  |  |
| R5-220025 | SR-LTE/NR spectrum sharing in Band 34/n34 and Band 39/n39 after RAN5#94-e | CMCC | noted |  |  |
| R5-220026 | WP-LTE/NR spectrum sharing in Band 34/n34 and Band 39/n39 after RAN5#94-e | CMCC | noted |  |  |
| R5-220027 | SR - Rel-16 HST after RAN5#94-e | CMCC | noted |  |  |
| R5-220028 | WP - Rel-16 HST after RAN5#94-e | CMCC | noted |  |  |
| R5-220029 | SR - Rel-16 IiOT after RAN5#94-e | CMCC | noted |  |  |
| R5-220030 | WP - Rel-16 IiOT after RAN5#94-e | CMCC | noted |  |  |
| R5-220031 | SR - FS\_NR\_Slice\_Test after RAN5#94-e | CMCC | noted |  |  |
| R5-220032 | WP - FS\_NR\_Slice\_Test after RAN5#94-e | CMCC | noted |  |  |
| R5-220033 | SR - NR\_Rel-17\_PC1.5\_n79 after RAN5#94-e | CMCC | noted |  |  |
| R5-220034 | WP - NR\_Rel-17\_PC1.5\_n79 after RAN5#94-e | CMCC | noted |  |  |
| R5-220035 | SR - NR\_Rel-17\_PC2\_n34 after RAN5#94-e | CMCC | noted |  |  |
| R5-220036 | WP - NR\_Rel-17\_PC2\_n34 after RAN5#94-e | CMCC | noted |  |  |
| R5-220037 | SR - NR\_Rel-17\_PC2\_n39 after RAN5#94-e | CMCC | noted |  |  |
| R5-220038 | WP - NR\_Rel-17\_PC2\_n39 after RAN5#94-e | CMCC | noted |  |  |
| R5-220039 | Updated the related RRC information for DSS | CMCC | revised |  | R5-221670 |
| R5-220040 | Updated the Test case conditions and selection criteria for TDD DSS NR bands n38, n48, n90 | CMCC | revised |  | R5-221849 |
| R5-220041 | Addition of the TDD DSS NR bands n34, n39 | CMCC | agreed |  |  |
| R5-220042 | Addition of PICS for frequencyShift7p5khz | CMCC, Huawei, Hisilicon | revised |  | R5-221673 |
| R5-220043 | SR - NR\_SON\_MDT-UEConTest after RAN5#94-e | CMCC, Ericsson | noted |  |  |
| R5-220044 | WP - NR\_SON\_MDT-UEConTest after RAN5#94-e | CMCC, Ericsson | noted |  |  |
| R5-220045 | Update of TC 7.1.3.5.6 for PDCP Duplication 3 RLC entities in NR IIoT | CMCC | withdrawn |  |  |
| R5-220046 | Addition of new test case for PDCP Duplication 3 RLC entities with NR intra-band non-contiguous CA in NR IIoT | CMCC | agreed |  |  |
| R5-220047 | Applicability statement for new test cases for PDCP Duplication 3 RLC entities in NR IIoT | CMCC | revised |  | R5-222034 |
| R5-220048 | Update of NR CA configurations for Protocol testing with NR CA 3CC | CMCC, WE Certification, DISH Network, Ericsson | revised |  | R5-221491 |
| R5-220049 | Update of inter-band cell environment for Protocol testing with NR CA 3CC | CMCC | revised |  | R5-221492 |
| R5-220050 | Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.2.1 | CMCC | agreed |  |  |
| R5-220051 | Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.2.2 | CMCC | revised |  | R5-221556 |
| R5-220052 | Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.2.3 | CMCC | agreed |  |  |
| R5-220053 | Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.1.3.1 | CMCC, MediaTek Inc. | agreed |  |  |
| R5-220054 | Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.1.3.4 | CMCC, MediaTek Inc. | agreed |  |  |
| R5-220055 | Correction of 6.6.2.2\_2 Additional Spectrum Emission Mask | MediaTek Inc. | revised |  | R5-221918 |
| R5-220056 | Addition of Rel-16 NR Mobility Enhancement test case for Conditional PSCell change / PCell change / PSCell change / EN-DC | CATT, TDIA | revised |  | R5-221496 |
| R5-220057 | Addition of applicability for Rel-16 NR Mobility Enhancement test case | CATT, TDIA | agreed |  |  |
| R5-220058 | Clarification on Accept-Contact header | ROHDE & SCHWARZ | agreed |  |  |
| R5-220059 | Discussion on Alignment of test points for MPR and ACLR in TS 38.521-1 | CAICT | revised |  | R5-221665 |
| R5-220060 | Alignment of test points of ACLR with MPR | CAICT | withdrawn |  |  |
| R5-220061 | Discussion of Additional Information for 6.2.2 and 6.2.3 of 38.521-1 and 6.2B.2.3 and 6.2B.3.3 of 38.521-3 | CAICT | revised |  | R5-221661 |
| R5-220062 | Correction of Additional Information for 6.2.2, 6.2.3 and 6.5.2.4.1 of 38.521-1 and 6.2B.2.3 and 6.2B.3.3 of 38.521-3 | CAICT | revised |  | R5-221711 |
| R5-220063 | Correction of Test applicability of 6.2B.2.3 | CAICT | agreed |  |  |
| R5-220064 | Correction of test applicability of A-MPR | CAICT | revised |  | R5-221675 |
| R5-220065 | Correction of Test applicability of 6.2B.3.3 | CAICT | revised |  | R5-221693 |
| R5-220066 | Correction of 6.5B.2.3.3 to include 6.5.2.4.2 of 38.521-1 | CAICT | revised |  | R5-221694 |
| R5-220067 | Removal of CBW 40MHz of n25 from Table 4.3.1.0C-1 High Test Channel bandwidths for each NR band, FR1 | CAICT | withdrawn |  |  |
| R5-220068 | Correction of test config table for 6.3B.3\_1.1 | CAICT | agreed |  |  |
| R5-220069 | Correction of reference section numbers in 6.4B.2.4.5.4.1 | CAICT | agreed |  |  |
| R5-220070 | Correction of Editor Note and reference section numbers in 6.5B.3.4.2\_1 | CAICT | agreed |  |  |
| R5-220071 | Addition of Test description and Test requirement for 6.3A.2.1 Transmit OFF power for 2UL CA | CAICT | agreed |  |  |
| R5-220072 | Correction of Table number in step 4 of 6.3A.4.2.1.4.1 | CAICT | agreed |  |  |
| R5-220073 | Correction of Test SCS in Table 6.2D.2.4.1-1 | CAICT | agreed |  |  |
| R5-220074 | Addition of missing clause titles for 6.5B, 6.5D.2\_1.4 and 6.5D.2\_1.4.1 | CAICT | agreed |  |  |
| R5-220075 | Correction of clause title styles | CAICT | agreed |  |  |
| R5-220076 | Correction of Test SCS in Table 7.3C.2.4.1-1 | CAICT | agreed |  |  |
| R5-220077 | Correction of style in Table 7.4D.4.1-1 | CAICT | agreed |  |  |
| R5-220078 | Correction of Test frequency in Table 7.6C.3\_1.1.4.1-1 | CAICT | agreed |  |  |
| R5-220079 | Discussion of adding additional tolerance deltaTIB,c to test requirement of Transmitter power test cases in 38.521-1 | CAICT | noted |  |  |
| R5-220080 | Adding additional tolerance to test requirement of Transmitter power test cases | CAICT | agreed |  |  |
| R5-220081 | Removal of Editor note about PC1 requirements in Rel-15 and Rel-16 | CAICT | agreed |  |  |
| R5-220082 | Correction of table numbers in 7.6C.2\_1.1 and 7.6C.3\_1.1 | CAICT | agreed |  |  |
| R5-220083 | Introduction of new V2X test cases in 6.3E.2 | CAICT | revised |  | R5-221817 |
| R5-220084 | Introduction of new V2X test cases in 7.6E | CAICT | agreed |  |  |
| R5-220085 | Introduction of new V2X test cases in 7.7E | CAICT | revised |  | R5-221820 |
| R5-220086 | Introduction of new V2X test cases in 7.8E | CAICT | agreed |  |  |
| R5-220087 | Introduction of new V2X test cases in 7.6E | CAICT | agreed |  |  |
| R5-220088 | Introduction of new V2X test cases in 7.7E | CAICT | agreed |  |  |
| R5-220089 | Introduction of new V2X test cases in 7.8E | CAICT | agreed |  |  |
| R5-220090 | Correction of clause title tyles of 4.3.1.1.1.x | CAICT | agreed |  |  |
| R5-220091 | Removal of empty lines in Table 7.3.2.3.2-1 and Table 7.3.2.5-2 | CAICT | revised |  | R5-221689 |
| R5-220092 | Correction of the table title style of Table 5.5A.3-1 | CAICT | revised |  | R5-221692 |
| R5-220093 | Corrrection of test config tables of non-CA test cases for consistency with CA test cases on without RB allocation case | CAICT | revised |  | R5-221685 |
| R5-220094 | Correction of test channel bandwidth for n38 | CAICT | agreed |  |  |
| R5-220095 | Update the FR2 cell powers of test case 11.2.1 | CATT, TDIA | agreed |  |  |
| R5-220096 | Correction to Mob\_enh RRM TC 6.3.1.11 - inter-band sync DAPS HO including test tolerance | China Telecommunications | agreed |  |  |
| R5-220097 | Correction to Mob\_enh RRM TC 6.3.1.12 - inter-band async DAPS HO including test tolerance | China Telecommunications | agreed |  |  |
| R5-220098 | Update the FR2 cell powers of test case 8.1.3.2.6 | CATT, TDIA | agreed |  |  |
| R5-220099 | Update the FR2 cell powers of test case 8.1.3.2.7 | CATT, TDIA | withdrawn |  |  |
| R5-220100 | Update the FR2 cell powers of test case 8.1.3.2.8 | CATT, TDIA | agreed |  |  |
| R5-220101 | Addition of new CVX TC 12.2.1.6- Inter-carrier concurrent operation / Sidelink communication / RRC\_CONNECTED / Reception | TDIA, CATT | revised |  | R5-221518 |
| R5-220102 | New WID on UE Conformance - Enhancement of data collection for SON and MDT in NR SA and MR-DC | CMCC | revised |  | R5-221379 |
| R5-220103 | Update chapter 4.5.1 General | Ericsson | revised |  | R5-221419 |
| R5-220104 | Update RRCReconfiguration | Ericsson | withdrawn |  |  |
| R5-220105 | Update IE P-Max | Ericsson | withdrawn |  |  |
| R5-220106 | Addition of new test case 8.2.3.6.2 for Intra-frequency measurements Event A3 in NE-DC | CMCC | revised |  | R5-221443 |
| R5-220107 | Addition of new test case 8.2.3.6.2a for Inter-frequency measurements Event A3 in NE-DC | CMCC | revised |  | R5-221444 |
| R5-220108 | Applicability statement for new test cases for NE-DC RRC | CMCC | revised |  | R5-222038 |
| R5-220109 | Update of SA FR1 TC 4.5.3.1 and 4.5.3.3 | MediaTek Inc. | agreed |  |  |
| R5-220110 | Update of SA FR1 TC 6.5.3.1 and 6.5.3.3 | MediaTek Inc. | agreed |  |  |
| R5-220111 | Correction to test procedure 4.9.11 IMS Emergency call or eCall over IMS establishment in 5GC with IMS emergency registration | MediaTek Inc. | revised |  | R5-221424 |
| R5-220112 | Correction to test procedure 4.9.12 IMS Emergency call or eCall over IMS establishment in 5GC without IMS emergency registration | MediaTek Inc., Anritsu | revised |  | R5-221425 |
| R5-220113 | Editorial update of section 6.6.2 and 6.7 | MediaTek Inc. | revised |  | R5-221410 |
| R5-220114 | Update of date for 5GC TC 9.1.4.1 | MediaTek Inc., Datang Linktester | revised |  | R5-221451 |
| R5-220115 | Update of date for 5GC TC 9.2.4.1 | MediaTek Inc. | revised |  | R5-222013 |
| R5-220116 | Update of MDT TC 8.1.6.1.2.1 | MediaTek Inc. | revised |  | R5-221557 |
| R5-220117 | Update of MDT TC 8.1.6.1.2.2 | MediaTek Inc. | revised |  | R5-221558 |
| R5-220118 | Update of MDT TC 8.1.6.1.2.3 | MediaTek Inc. | revised |  | R5-221559 |
| R5-220119 | Update of MDT TC 8.1.6.1.2.4 | MediaTek Inc., Anritsu | revised |  | R5-221560 |
| R5-220120 | Update of MDT TC 8.1.6.1.2.5 | MediaTek Inc., Rohde & Schwarz, Anritsu | revised |  | R5-221561 |
| R5-220121 | Update of MDT TC 8.1.6.1.2.6 | MediaTek Inc., Rohde & Schwarz, Anritsu | revised |  | R5-221562 |
| R5-220122 | Update of MDT TC 8.1.6.1.2.7 | MediaTek Inc., ZTE Corporation, Anritsu Ltd, Keysight | revised |  | R5-221563 |
| R5-220123 | Update of MDT TC 8.1.6.1.2.8 | MediaTek Inc. | revised |  | R5-221564 |
| R5-220124 | Update of MDT TC 8.1.6.1.2.9 | MediaTek Inc., Anritsu | revised |  | R5-221565 |
| R5-220125 | Update of MDT TC 8.1.6.1.2.10 | MediaTek Inc. | revised |  | R5-221566 |
| R5-220126 | Update of MDT TC 8.1.6.1.2.11 | MediaTek Inc., Anritsu | revised |  | R5-221567 |
| R5-220127 | Update of MDT TC 8.1.6.1.2.12 | MediaTek Inc., Anritsu, Rohde & Schwarz | revised |  | R5-221568 |
| R5-220128 | Update of MDT TC 8.1.6.1.2.13 | MediaTek Inc., Rohde & Schwarz, Anritsu | revised |  | R5-221569 |
| R5-220129 | Update of date for EPC TC 9.1.5.1 | MediaTek Inc. | revised |  | R5-222017 |
| R5-220130 | Update of date for MM NITZ TC 9.4.10 | MediaTek Inc. | revised |  | R5-222018 |
| R5-220131 | Update of date for GMM NITZ TC 12.2.1.13 and 12.2.1.15 | MediaTek Inc. | revised |  | R5-222019 |
| R5-220132 | Update of date for MM NITZ TC 26.7.6.1.1 | MediaTek Inc. | revised |  | R5-222022 |
| R5-220133 | Update of date for GMM NITZ TC 44.2.9.1.1 and 44.2.9.1.3 | MediaTek Inc. | revised |  | R5-222023 |
| R5-220134 | Update of GMM TC 44.2.5.2.5 | MediaTek Inc. | revised |  | R5-222024 |
| R5-220135 | Update of the release for GEA1 test cases | MediaTek Inc. | agreed |  |  |
| R5-220136 | Correction to Annex F for Mob\_enh RRM TCs | China Telecommunications | agreed |  |  |
| R5-220137 | Update TC Frequency Error for DSS | CMCC, Huawei, Hisilicon | revised |  | R5-221905 |
| R5-220138 | Update test requirements of PC2 n34 MOP for UL MIMO | CMCC | agreed |  |  |
| R5-220139 | Update test requirements of PC2 n39 MOP for UL MIMO | CMCC | agreed |  |  |
| R5-220140 | Discussion on 5G NR CADC configuration handling in RAN5 | CMCC, Huawei, Hisilicon, Ericsson, China Unicom, China Telecom, Nokia, CAICT, Bureau Veritas, ZTE | revised |  | R5-221397 |
| R5-220141 | Update TC Frequency Error for UL MIMO for DSS | CMCC | revised |  | R5-221906 |
| R5-220142 | Update TC Frequency Error for CA for DSS | CMCC | revised |  | R5-221907 |
| R5-220143 | Update IE FreqBandList | Ericsson | withdrawn |  |  |
| R5-220144 | Update IE CellGroupConfig | Ericsson | withdrawn |  |  |
| R5-220145 | Editorial update IE CellGroupId | Ericsson | withdrawn |  |  |
| R5-220146 | Editorial update IE PDCCH-ConfigCommon | Ericsson | withdrawn |  |  |
| R5-220147 | Editorial update IE SCellIndex | Ericsson | withdrawn |  |  |
| R5-220148 | Editorial update IE ServCellIndex | Ericsson | withdrawn |  |  |
| R5-220149 | Editorial update IE RAT-Type | Ericsson | withdrawn |  |  |
| R5-220150 | Update test applicabilities of UAC test cases supporting IMS voice | CATT, TDIA | withdrawn |  |  |
| R5-220151 | TT analysis for Mob\_enh RRM TC 6.3.1.9+6.3.1.10 | China Telecommunications,huawei | revised |  | R5-221647 |
| R5-220152 | TT analysis for Mob\_enh RRM TC 6.3.1.11+6.3.1.12 | China Telecommunications,Huawei | withdrawn |  |  |
| R5-220153 | TT analysis for Mob\_enh RRM TC 6.3.1.11+6.3.1.12 | China Telecommunications,Huawei | withdrawn |  |  |
| R5-220154 | TT analysis for Mob\_enh RRM TC 6.3.1.11+6.3.1.12 | China Telecommunications,Huawei | revised |  | R5-221648 |
| R5-220155 | Update test case 7.4a | Ericsson | revised |  | R5-221470 |
| R5-220156 | Correction to NR-DC TC 8.2.7.2.1 | TDIA, CATT | agreed |  |  |
| R5-220157 | Correction to NB-IoT test case 22.4.13 | TDIA, CATT | agreed |  |  |
| R5-220158 | Addition of sub-clause titles for NR V2X TCs | TDIA, CATT | revised |  | R5-221519 |
| R5-220159 | Correction to NR TC 8.1.1.4.1 | TDIA, CATT | withdrawn |  |  |
| R5-220160 | Add test case 7.3.2.2.4 for SA FR2 2-step PRACH | China Telecommunications | agreed |  |  |
| R5-220161 | Addition of NR V2X test case 12.2.1.2 | TDIA, CATT | revised |  | R5-222049 |
| R5-220162 | Addition of new test case 8.2.3.6.2b for Inter-band measurements Event A3 in NE-DC | CMCC | revised |  | R5-221445 |
| R5-220163 | Add 2-Step RACH test cases to Applicability spec | China Telecommunications | agreed |  |  |
| R5-220164 | New WID - UE Conformance - Enhancement of Network Slicing Phase 2 | CMCC, CATT | revised |  | R5-221380 |
| R5-220165 | Addition of UE capability for maximum number of activated TCI states | CMCC | revised |  | R5-221853 |
| R5-220166 | Update of RRM test case applicability - Note 1 removal | CMCC | agreed |  |  |
| R5-220167 | Updates to RRM HST Test Case 6.6.1.7 | CMCC | agreed |  |  |
| R5-220168 | Updates to RRM HST Test Case 6.6.4.5 | CMCC | agreed |  |  |
| R5-220169 | Correction of HST test case applicability | CMCC, Anritsu | revised |  | R5-221858 |
| R5-220170 | Add test frequencies for R17 NR inter-band CA configurations in FR1 | China Telecommunications | revised |  | R5-221871 |
| R5-220171 | Add generic procedure for default MO voice call | Ericsson | agreed |  |  |
| R5-220172 | Introduction of common implementation conformance statements for NE-DC | CMCC | revised |  | R5-221427 |
| R5-220173 | New WID on UE Conformance – Support of reduced capability NR devices | China Unicom, Hisilicon, Ericsson, Huawei, Qualcomm | revised |  | R5-221381 |
| R5-220174 | Update test case 7.4 | Ericsson | withdrawn |  |  |
| R5-220175 | Update generic procedure A.6 | Ericsson | revised |  | R5-222021 |
| R5-220176 | Update applicability for IMS emergency | Ericsson | revised |  | R5-221408 |
| R5-220177 | Text Proposal on Test Procedure A.2.2.3 | CMCC | approved |  |  |
| R5-220178 | Text Proposal on Test Procedure A.2.2.4 | CMCC | approved |  |  |
| R5-220179 | Updates to Test Configurations | CMCC | approved |  |  |
| R5-220180 | Updates to message contents in A.2.1.1 | CMCC | approved |  |  |
| R5-220181 | Addition of default URSP rule to Test Procedure A.2.2.1 | CMCC | approved |  |  |
| R5-220182 | Addition of default URSP rule to Test Procedure A.2.2.2 | CMCC | approved |  |  |
| R5-220183 | Summary of the documents for TR 38.918 | CMCC | revised |  | R5-221399 |
| R5-220184 | Update applicability for test case G.19.1 | Ericsson | revised |  | R5-221409 |
| R5-220185 | Update applicability for test case 7.4 | Ericsson | agreed |  |  |
| R5-220186 | Editorial update of test procedure 4.9.15 | MediaTek Inc. | agreed |  |  |
| R5-220187 | Update of SIB modification steps for Idle TC 6.1.2.9, 6.1.2.18, 6.2.3.1 and 6.2.3.3 | MediaTek Inc. | revised |  | R5-221431 |
| R5-220188 | Editorial update of NR RRC TC 8.1.4.1.7.1 | MediaTek Inc. | agreed |  |  |
| R5-220189 | Editorial update of NR RRC TC 8.1.4.1.8.1 | MediaTek Inc. | agreed |  |  |
| R5-220190 | Update of UAC TC 11.3.1 and 11.3.1a | MediaTek Inc. | withdrawn |  |  |
| R5-220191 | Update of MDT TC 8.1.6.1.4.7 | MediaTek Inc. | revised |  | R5-221570 |
| R5-220192 | Update of MDT TC 8.1.6.3.2.1 | MediaTek Inc. | withdrawn |  |  |
| R5-220193 | Update applicability of TC 9.5.2 and 9.5.6 | MediaTek Inc. | revised |  | R5-222020 |
| R5-220194 | Add applicabilities for EVS B0 and A1 | Ericsson | revised |  | R5-221468 |
| R5-220195 | Introduction of new R17 NR inter-band CA configurations in FR1 | China Telecommunications | revised |  | R5-221875 |
| R5-220196 | Update to table E.5-1 to add the cell configurations for one 2-step RACH test case | China Telecommunications | agreed |  |  |
| R5-220197 | Update of R17 NR inter-band CA configurations within FR1 | China Telecommunications | revised |  | R5-221600 |
| R5-220198 | Addition of test frequencies for NE-DC configurations DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C | CMCC | revised |  | R5-221872 |
| R5-220199 | Update Physical Layer Baseline Implementation Capabilities for NE-DC | CMCC | agreed |  |  |
| R5-220200 | Update NR ACLR test case for PC1.5 | CMCC | revised |  | R5-221904 |
| R5-220201 | Update Tx test cases for PC1.5 CA\_n41C | CMCC | withdrawn |  |  |
| R5-220202 | Update Tx test cases for PC2 CA\_n41C | CMCC | withdrawn |  |  |
| R5-220203 | Update UL CA configurations for PC2 and PC1.5 CA\_n41C | CMCC | revised |  | R5-221902 |
| R5-220204 | Update configuration for PC2 CA\_n3A-n41A | CMCC | revised |  | R5-221903 |
| R5-220205 | Addition of NR CA Physical Layer Baseline Implementation Capabilities for R16 CA\_n3A-n41A | CMCC | agreed |  |  |
| R5-220206 | Addition of test frequencies for CA\_n3A-n41A with and without UL configuration | CMCC | agreed |  |  |
| R5-220207 | Update operating bands and CA configurations for CA\_n3A-n41A | CMCC | revised |  | R5-221764 |
| R5-220208 | Update Reference sensitivity test case for CA\_n3A-n41A | CMCC | revised |  | R5-221760 |
| R5-220209 | Update Spurious emissions for UE co-existence for CA\_n3A-n41A | CMCC | revised |  | R5-221758 |
| R5-220210 | Addition of NR FR1 PC1.5 RF Baseline Implementation Capabilities for n41 | CMCC | agreed |  |  |
| R5-220211 | Corrections to TC 22.1 | ROHDE & SCHWARZ, Apple Inc | agreed |  |  |
| R5-220212 | Corrections to o-lines for uniqueness | ROHDE & SCHWARZ, MCC TF160 | agreed |  |  |
| R5-220213 | Corrections for IMS5GS test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-220214 | Corrections to A.6 | ROHDE & SCHWARZ | agreed |  |  |
| R5-220215 | Corrections to usage or non-usage of mode-set | ROHDE & SCHWARZ, Apple Inc | revised |  | R5-221471 |
| R5-220216 | Corrections to TC 10.1 | ROHDE & SCHWARZ | revised |  | R5-222037 |
| R5-220217 | Corrections to TC 10.2 | ROHDE & SCHWARZ | revised |  | R5-221472 |
| R5-220218 | Addition of IMS5GS test case 10.7 | ROHDE & SCHWARZ | revised |  | R5-221473 |
| R5-220219 | Addition of IMS5GS TC 10.8 | ROHDE & SCHWARZ | revised |  | R5-221474 |
| R5-220220 | Corrections to TC 7.24 | ROHDE & SCHWARZ | agreed |  |  |
| R5-220221 | Corrections to TC 7.24a | ROHDE & SCHWARZ | agreed |  |  |
| R5-220222 | Corrections to TC 7.24b | ROHDE & SCHWARZ, Huawei | revised |  | R5-221475 |
| R5-220223 | Corrections to TC 8.8 | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-220224 | Corrections to TC 8.34 | ROHDE & SCHWARZ | agreed |  |  |
| R5-220225 | Corrections to TC 8.35 | ROHDE & SCHWARZ | agreed |  |  |
| R5-220226 | Corrections to TC 8.36 | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-220227 | Corrections to TC 8.37 | ROHDE & SCHWARZ | agreed |  |  |
| R5-220228 | Corrections to TC 8.38 | ROHDE & SCHWARZ | revised |  | R5-221476 |
| R5-220229 | Corrections to TC 8.41 | ROHDE & SCHWARZ | agreed |  |  |
| R5-220230 | Corrections to TC 7.25 | ROHDE & SCHWARZ | agreed |  |  |
| R5-220231 | Corrections to TC 7.27 | ROHDE & SCHWARZ, Apple Inc | agreed |  |  |
| R5-220232 | Corrections to TC 7.6 | ROHDE & SCHWARZ | revised |  | R5-221477 |
| R5-220233 | Corrections to TC 8.28 | ROHDE & SCHWARZ | agreed |  |  |
| R5-220234 | Addition of IMS5GS TC 8.39 | ROHDE & SCHWARZ | agreed |  |  |
| R5-220235 | Addition of IMS5GS TC 8.39a | ROHDE & SCHWARZ | agreed |  |  |
| R5-220236 | Corrections to TC 8.8 | ROHDE & SCHWARZ | revised |  | R5-221478 |
| R5-220237 | Corrections to TC 8.36 | ROHDE & SCHWARZ | revised |  | R5-221479 |
| R5-220238 | Corrections to test case titles | ROHDE & SCHWARZ | agreed |  |  |
| R5-220239 | Voiding unused test case numbers | ROHDE & SCHWARZ | revised |  | R5-221480 |
| R5-220240 | Corrections to 4.9.17 on IMS MO call release | ROHDE & SCHWARZ | agreed |  |  |
| R5-220241 | Discussion paper on versioning dedicated NG.114 PICS | ROHDE & SCHWARZ | noted |  |  |
| R5-220242 | Updating applicability statements of Data Off test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-220243 | Update of 5G-NR test cases applicability | Qualcomm Incorporated | revised |  | R5-221462 |
| R5-220244 | Corrections to TC 7.26 | ROHDE & SCHWARZ | agreed |  |  |
| R5-220245 | Corrections to TC 7.20 | ROHDE & SCHWARZ, Huawei | revised |  | R5-221481 |
| R5-220246 | Corrections to TC 7.21 | ROHDE & SCHWARZ | revised |  | R5-221482 |
| R5-220247 | Added FR2 connection diagram using modulated interferer | Keysight Technologies UK Ltd | revised |  | R5-221671 |
| R5-220248 | Correct TDD pattern for FR2 RF 60kHz SCS | Keysight Technologies UK Ltd | agreed |  |  |
| R5-220249 | Corrected REFSENS reference in SUL Frequency error test | Keysight Technologies UK Ltd | agreed |  |  |
| R5-220250 | Correction of test requirements in spurious test 7.7D | Keysight Technologies UK Ltd | agreed |  |  |
| R5-220251 | DL RMC correction for TDD SCS 60kHz | Keysight Technologies UK Ltd | agreed |  |  |
| R5-220252 | Editorial correction to minimum requirements in test 6.2D.2 | Keysight Technologies UK Ltd | agreed |  |  |
| R5-220253 | General corrections in FR1 6.3A.3.1 ONOFF time mask CA | Keysight Technologies UK Ltd | agreed |  |  |
| R5-220254 | Frequency correction for NS\_27 in A-MPR test | Keysight Technologies UK Ltd | agreed |  |  |
| R5-220255 | n71 IBNC - UL allocation correction for testing REFSENS without exceptions | Keysight Technologies UK Ltd | agreed |  |  |
| R5-220256 | FR2 Frequency error tests - unify requirements per polarization | Keysight Technologies UK Ltd | agreed |  |  |
| R5-220257 | Test limit correction in FR2 MPR test case | Keysight Technologies UK Ltd | agreed |  |  |
| R5-220258 | RX beam peak direction search procedure update in case of intra-band DL CA | Keysight Technologies UK Ltd | agreed |  |  |
| R5-220259 | Updated reference to FR2 connection diagram in tests using modulated interferer | Keysight Technologies UK Ltd | agreed |  |  |
| R5-220260 | FR1 NSA IBC - ACLR clean up to leverage MPR test definition | Keysight Technologies UK Ltd | agreed |  |  |
| R5-220261 | WP - UE Conformance Test Aspects - 29 dBm UE Power Class for LTE Band 41and NR Band n41 (UID-920068) | T-Mobile USA Inc. | noted |  |  |
| R5-220262 | SR - UE Conformance Test Aspects - 29 dBm UE Power Class for LTE Band 41and NR Band n41 (UID-920068) | T-Mobile USA Inc. | noted |  |  |
| R5-220263 | Revised WID - UE Conformance Test Aspects - 29 dBm UE Power Class for LTE Band 41and NR Band n41 | T-Mobile USA Inc. | noted |  |  |
| R5-220264 | Corrections to TC 10.3 | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-220265 | Addition of test loop mode for NE-DC | ROHDE & SCHWARZ | revised |  | R5-221429 |
| R5-220266 | Addition of test loop mode for NE-DC | ROHDE & SCHWARZ | revised |  | R5-221430 |
| R5-220267 | Add applicability for test case 11.1.1a | Ericsson | agreed |  |  |
| R5-220268 | Add test case 11.1.1a | Ericsson | revised |  | R5-221452 |
| R5-220269 | Discussion on PC2 and PC1.5 CA\_n41C with single UL carrier handling in RAN5 | CMCC, Huawei, Hisilicon | revised |  | R5-221664 |
| R5-220270 | Update of R17 NR inter-band CA Tx requirements within FR1 | China Telecommunications | revised |  | R5-221877 |
| R5-220271 | Addition of test frequencies for CA\_n41A-n79A with UL configuration | CMCC | agreed |  |  |
| R5-220272 | Update Spurious emissions for UE co-existence for CA\_n41A-n79A | CMCC | revised |  | R5-221759 |
| R5-220273 | Clarifications on 5G NR connectivity options for RF FR1 | CMCC | agreed |  |  |
| R5-220274 | Clarifications on 5G NR connectivity options for RF FR2 | CMCC | agreed |  |  |
| R5-220275 | Clarifications on 5G NR connectivity options for RF FR1 and FR2 | CMCC | agreed |  |  |
| R5-220276 | Clarifications on 5G NR connectivity options for Demod | CMCC | agreed |  |  |
| R5-220277 | Clarifications on 5G NR connectivity options for SIG | CMCC | revised |  | R5-221450 |
| R5-220278 | Clarifications on 5G NR connectivity options for RRM | CMCC | agreed |  |  |
| R5-220279 | Update MOP for inter-band NE-DC within FR1 | CMCC | revised |  | R5-221695 |
| R5-220280 | Update CA configurations for CA\_n41A-n79A BCS1 | CMCC | agreed |  |  |
| R5-220281 | Test Tolerance analysis for FR1 CLI-RSSI measurement with non-DRX | Qualcomm Tech. Netherlands B.V | agreed |  |  |
| R5-220282 | Test case update for FR1 CLI-RSSI measurement with non-DRX | Qualcomm Tech. Netherlands B.V | agreed |  |  |
| R5-220283 | Annexure update for test tolerance for FR1 CLI-RSSI measurement with non-DRX | Qualcomm Tech. Netherlands B.V | agreed |  |  |
| R5-220284 | Update of R17 NR inter-band CA Rx requirements within FR1 | China Telecommunications | revised |  | R5-221878 |
| R5-220285 | NG.114 EPS fallback | Ericsson | noted |  |  |
| R5-220286 | NG.114 SDP voice | Ericsson | noted |  |  |
| R5-220287 | Correction to NR MAC test case 7.1.1.3.8.x | Keysight Technologies UK, Qualcomm | agreed |  |  |
| R5-220288 | Correction to NR RRC test case 8.1.4.1.2 | Keysight Technologies UK | revised |  | R5-221440 |
| R5-220289 | Correction to NR MDT test case 8.1.6.1.4.6 | Keysight Technologies UK, Qualcomm, Rohde & Schwarz | agreed |  |  |
| R5-220290 | Correction to NR MDT test case 8.1.6.1.4.7 | Keysight Technologies UK, Qualcomm | withdrawn |  |  |
| R5-220291 | Correction to NR-DC RRC test case 8.2.3.14.2 | Keysight Technologies UK, Qualcomm | revised |  | R5-221446 |
| R5-220292 | Addition of new RACS test case 9.1.9.7 | Keysight Technologies UK | revised |  | R5-222047 |
| R5-220293 | Correction to R16 eNS TC 9.1.10.6 | Keysight Technologies, Qualcomm, Anritsu | withdrawn |  |  |
| R5-220294 | Correction to UAC test case 11.3.1a | Keysight Technologies UK | revised |  | R5-222048 |
| R5-220295 | Correction to UAC test case 11.3.2 | Keysight Technologies UK, Qualcomm, Huawei, Hisilicon | revised |  | R5-221456 |
| R5-220296 | Correction to UAC test case 11.3.6 | Keysight Technologies UK, Qualcomm | revised |  | R5-221457 |
| R5-220297 | Correction to Registration Accept message for UEs supporting RACS | Keysight Technologies UK | withdrawn |  |  |
| R5-220298 | Correction to IMS MO speech call establishment generic procedure | Keysight Technologies UK | revised |  | R5-221423 |
| R5-220299 | Correction to applicability of UAC test case 11.3.2 | Keysight Technologies UK | withdrawn |  |  |
| R5-220300 | Update SCG-Configuration-r12-NE-DC | Ericsson | agreed |  |  |
| R5-220301 | Correction to Idle Mode SOR test case 6.3.1.5 | Keysight Technologies UK | revised |  | R5-221432 |
| R5-220302 | Correction to NR SDAP test case 7.1.4.1 | Keysight Technologies UK, MCC TF160 | revised |  | R5-221435 |
| R5-220303 | New MCVideo TC 6.4.1 Video Pull | NIST | revised |  | R5-221546 |
| R5-220304 | New MCVideo TC 6.5.1 Video Push | NIST | revised |  | R5-221547 |
| R5-220305 | New MCVideo TC 6.3.1 Emergency Alert CO | NIST | revised |  | R5-221548 |
| R5-220306 | WP UE Conformance Test Aspects for NR RF Requirement Enhancements for FR2 | Nokia, Nokia Shanghai Bell | noted |  |  |
| R5-220307 | SR UE Conformance Test Aspects for NR RF Requirement Enhancements for FR2 | Nokia, Nokia Shanghai Bell | noted |  |  |
| R5-220308 | Introduction of test frequencies for CA\_n261M | Nokia, Nokia Shanghai Bell, Ericsson | agreed |  |  |
| R5-220309 | Correction of NR inter-band CA configurations for CA\_n260-n261 in FR2 | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-220310 | Correction of FR2 standalone Enhanced Beam correspondence - EIRP RF conformance test case applicability | Nokia, Nokia Shanghai Bell | revised |  | R5-221891 |
| R5-220311 | Introduction of test frequencies for Rel-16 inter-band EN-DC two band combinations within FR1 | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-220312 | Introduction of Rel-16 inter-band EN-DC two band configurations within FR1 for physical layer baseline implementation capabilities | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-220313 | Introduction of Rel-16 inter-band EN-DC two band configurations within FR1 | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| R5-220314 | Introduction of Output power requirements for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-220315 | Introduction of General Spurious emissions requirements for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-220316 | Introduction of Spurious emissions band UE co-existence requirements for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | revised |  | R5-221767 |
| R5-220317 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_8A\_n20A | Nokia, Nokia Shanghai Bell | revised |  | R5-221774 |
| R5-220318 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_20A\_n7A | Nokia, Nokia Shanghai Bell | revised |  | R5-221775 |
| R5-220319 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_28A\_n5A | Nokia, Nokia Shanghai Bell | revised |  | R5-221776 |
| R5-220320 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_40A\_n79A | Nokia, Nokia Shanghai Bell | revised |  | R5-221777 |
| R5-220321 | Adding Reference sensitivity Test point analysis for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-220322 | Adding Reference sensitivity exceptions and MSD test points for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-220323 | Adding reference sensitivity requirements for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-220324 | Add test case 7.3.2.2.3 for NR SA FR2 2-step RACH | Nokia, Nokia Shanghai Bell | revised |  | R5-221893 |
| R5-220325 | Correction to TC 11.3.8 UAC / Access Identity 0 / NR RRC\_IDLE / Cell re-selection while T390 is running | CATT | revised |  | R5-221458 |
| R5-220326 | WP UE Conformance Test Aspects for 2-step RACH for NR | ZTE Corporation | noted |  |  |
| R5-220327 | SR UE Conformance Test Aspects for 2-step RACH for NR | ZTE Corporation | noted |  |  |
| R5-220328 | New WID on UE Conformance - LTE/NR Multi-SIM devices | China Telecommunications,Vivo,CATT | revised |  | R5-221382 |
| R5-220329 | Update of MDT test case 8.1.6.1.2.1 | ZTE Corporation | agreed |  |  |
| R5-220330 | Update of MDT test case 8.1.6.1.2.3 | ZTE Corporation | agreed |  |  |
| R5-220331 | Update of MDT test case 8.1.6.1.2.4 | ZTE Corporation | agreed |  |  |
| R5-220332 | Update of MDT test case 8.1.6.1.2.7 | ZTE Corporation | withdrawn |  |  |
| R5-220333 | Update of MDT test case 8.1.6.1.2.8 | ZTE Corporation | agreed |  |  |
| R5-220334 | Update of MDT test case 8.1.6.1.2.9 | ZTE Corporation | agreed |  |  |
| R5-220335 | Update of MDT test case 8.1.6.1.2.12 | ZTE Corporation | revised |  | R5-221571 |
| R5-220336 | Update of MDT test case 8.1.6.1.2.13 | ZTE Corporation | revised |  | R5-221572 |
| R5-220337 | Addition of new feMob test case 5.1.42 | ZTE, Tejet, SRTC | revised |  | R5-221801 |
| R5-220338 | Addition of new feMob test case 5.1.43 | ZTE, Tejet, SRTC | revised |  | R5-221802 |
| R5-220339 | Addition of new feMob test case 5.1.44 | ZTE, Tejet, SRTC | revised |  | R5-221803 |
| R5-220340 | Addition of new feMob test case 5.1.45 | ZTE, SRTC, Tejet | revised |  | R5-221804 |
| R5-220341 | Addition of new feMob test case 5.1.46 | ZTE, SRTC, Tejet | revised |  | R5-221805 |
| R5-220342 | Addition of new feMob test case 5.1.53 | ZTE, SRTC, Tejet | revised |  | R5-221806 |
| R5-220343 | Addition of new feMob test case 5.1.54 | ZTE, SRTC, Tejet | revised |  | R5-221807 |
| R5-220344 | Addition of new feMob test case 5.1.55 | ZTE Corporation | revised |  | R5-221808 |
| R5-220345 | Addition of new feMob test case 5.1.56 | ZTE Corporation | revised |  | R5-221809 |
| R5-220346 | Addition of new feMob test case 5.1.57 | ZTE Corporation | revised |  | R5-221810 |
| R5-220347 | Addition of new feMob test case 5.1.58 | ZTE Corporation | revised |  | R5-221811 |
| R5-220348 | Add applicability of new feMob RRM test cases | ZTE Corporation, Huawei, HiSilicon | revised |  | R5-221799 |
| R5-220349 | Adding NR bands for UL MIMO in FR1 | China Telecommunications | agreed |  |  |
| R5-220350 | Addition of UE co-existence requirements for band n18 to TS 38.521-1 | NTT DOCOMO INC. | withdrawn |  |  |
| R5-220351 | Addition of UE co-existence requirements for band n40 to TS 38.521-1 | NTT DOCOMO INC., KDDI Corporation | withdrawn |  | - |
| R5-220352 | Ongoing exchange with CT1 | ROHDE & SCHWARZ | noted |  |  |
| R5-220353 | Discussion on MU and TT proposal for FR2 EVM | Keysight Technologies UK Ltd | revised |  | R5-221625 |
| R5-220354 | FR2 SA EVM test case update based on MU and TT analysis | Keysight Technologies UK Ltd | revised |  | R5-221686 |
| R5-220355 | FR2 NSA EVM test case editor notes update | Keysight Technologies UK Ltd | revised |  | R5-221696 |
| R5-220356 | FR2 EVM MU definition in 38.903 | Keysight Technologies UK Ltd | revised |  | R5-221743 |
| R5-220357 | Introduction of reference sensitivity test point analysis for CA\_n5A-n7 | Ericsson | withdrawn |  |  |
| R5-220358 | Introduction of reference sensitivity test point analysis for CA\_n5A-n78A | Ericsson | revised |  | R5-221621 |
| R5-220359 | Introduction of reference sensitivity test point analysis for CA\_n7A-n78A | Ericsson | withdrawn |  |  |
| R5-220360 | Introduction of CA\_n5A-n7A reference sensitivity test requirements | Ericsson | revised |  | R5-221609 |
| R5-220361 | Introduction of CA\_n5A-n78A reference sensitivity test requirements | Ericsson | revised |  | R5-221761 |
| R5-220362 | Introduction of CA\_n7A-n78A reference sensitivity test requirements | Ericsson | agreed |  |  |
| R5-220363 | Update TP analysis for Rel-17 DC\_2A\_n77A | Verizon Switzerland AG, Qualcomm, Ericsson | agreed |  |  |
| R5-220364 | Update TP analysis for Rel-17 DC\_5A\_n77A | Verizon Switzerland AG, Qualcomm, Ericsson | agreed |  |  |
| R5-220365 | Update TP analysis for Rel-17 DC\_13A\_n77A | Verizon Switzerland AG, Qualcomm, Ericsson | agreed |  |  |
| R5-220366 | Update TP analysis for Rel-17 DC\_66A\_n77A | Verizon Switzerland AG, Qualcomm, Ericsson | agreed |  |  |
| R5-220367 | Correction to NAS 5GMM test case 9.1.5.1.15 | Anritsu Ltd, Rohde and Schwarz | agreed |  |  |
| R5-220368 | Correction to MDT test case 8.1.6.1.2.7 | Anritsu Ltd, Keysight | withdrawn |  |  |
| R5-220369 | Update general spurious emissions 6.5B.3.3.1 for 4 Rel-17 ENDC combos | Verizon Switzerland AG, Qualcomm, Ericsson | agreed |  |  |
| R5-220370 | Correction to MDT test case 8.1.6.1.2.9 | ANRITSU LTD | withdrawn |  |  |
| R5-220371 | Update for 6.5B.3.3.2 Spurious emission band UE co-existence for 4 Rel-17 combos | Verizon Switzerland AG, Qualcomm, Ericsson | agreed |  |  |
| R5-220372 | Correction of Default Configuration Parameters for Test 1 in Test Case 7.1.11 | STMicroelectronics | revised |  | R5-221622 |
| R5-220373 | Addition of Rel-16 RACS TC 9.1.9.6 | ANRITSU LTD | revised |  | R5-221536 |
| R5-220374 | Introduction of test frequencies for additional Rel-17 EN-DC inter-band configurations | Verizon Switzerland AG, Ericsson | agreed |  |  |
| R5-220375 | Update Tx TC for 4 Rel-17 combos | Verizon Switzerland AG, Qualcomm, Ericsson | revised |  | R5-221883 |
| R5-220376 | Addition of Rel-16 RACS TC 9.1.9.3 | ANRITSU LTD | revised |  | R5-221537 |
| R5-220377 | Introduction of reference sensitivity test point analysis for DC\_1A-n7A | Ericsson | agreed |  |  |
| R5-220378 | Introduction of reference sensitivity test point analysis for DC\_28A\_n7A | Ericsson | agreed |  |  |
| R5-220379 | Introduction of reference sensitivity test point analysis for DC\_1A\_n5A | Ericsson | agreed |  |  |
| R5-220380 | Introduction of DC\_1A-n5A reference sensitivity test requirements | Ericsson | agreed |  |  |
| R5-220381 | Introduction of reference sensitivity test point analysis for DC\_3A\_n5A | Ericsson | agreed |  |  |
| R5-220382 | Introduction of DC\_3A-n5A reference sensitivity test requirements | Ericsson | agreed |  |  |
| R5-220383 | Introduction of reference sensitivity test point analysis for DC\_7A-n5A | Ericsson | agreed |  |  |
| R5-220384 | Introduction of DC\_7A-n5A reference sensitivity test requirements | Ericsson | agreed |  |  |
| R5-220385 | Introduction of reference sensitivity test point analysis for DC\_7A\_n28A | Ericsson | agreed |  |  |
| R5-220386 | Introduction of reference sensitivity test point analysis for DC\_7A\_n78A | Ericsson | revised |  | R5-221778 |
| R5-220387 | Introduction of DC\_7A-n78A reference sensitivity test requirements | Ericsson | agreed |  |  |
| R5-220388 | Introduction of reference sensitivity test point analysis for DC\_7A\_n5A-n78A | Ericsson | agreed |  |  |
| R5-220389 | Introduction of reference sensitivity test point analysis for DC\_28A\_n7A-n78A | Ericsson | agreed |  |  |
| R5-220390 | Introduction of DC\_28A\_n7A-n78A reference sensitivity test requirements | Ericsson | agreed |  |  |
| R5-220391 | Align the terminology being used for OTA environment (Idle Mode TCs) | ROHDE & SCHWARZ | revised |  | R5-221433 |
| R5-220392 | Align the terminology being used for OTA environment (MAC TCs) | ROHDE & SCHWARZ | agreed |  |  |
| R5-220393 | Align the terminology being used for OTA environment (RRC 8.1.1.x TCs) | ROHDE & SCHWARZ | revised |  | R5-221436 |
| R5-220394 | Align the terminology being used for OTA environment (RRC 8.1.3.x TCs) | ROHDE & SCHWARZ | revised |  | R5-221439 |
| R5-220395 | Align the terminology being used for OTA environment (RRC 8.1.4.x TCs) | ROHDE & SCHWARZ | revised |  | R5-221441 |
| R5-220396 | Align the terminology being used for OTA environment (RRC 8.2.3.x) | ROHDE & SCHWARZ | revised |  | R5-221447 |
| R5-220397 | Align the terminology being used for OTA environment (RRC 8.2.4.x) | ROHDE & SCHWARZ | agreed |  |  |
| R5-220398 | Align the terminology being used for OTA environment (EPS Fallback TCs) | ROHDE & SCHWARZ | agreed |  |  |
| R5-220399 | Align the terminology being used for OTA environment (UAC TCs) | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-220400 | New MCVideo TC 6.7.1 Remote Initiated Ambient Viewing CO | NIST | revised |  | R5-221549 |
| R5-220401 | Additional Rel-15 parameters for MCVideo User Profile 5.5.8.7 | NIST | revised |  | R5-221545 |
| R5-220402 | Correction of 5GS IMS test case 10.9 | NTT DOCOMO, INC. | revised |  | R5-221483 |
| R5-220403 | Addition of new 5GS IMS test case 11.4.12 | NTT DOCOMO, INC. | revised |  | R5-221460 |
| R5-220404 | Addition of applicability for emergency call eatablishment over EPS with disabling N1 mode | NTT DOCOMO, INC. | revised |  | R5-221463 |
| R5-220405 | Alignment of test points of ACLR with MPR | CAICT | revised |  | R5-221676 |
| R5-220406 | Addition of new R15 configurations in clause 5 | CAICT | withdrawn |  |  |
| R5-220407 | Addition of new R16 CA configurations in clause 5 | CAICT | withdrawn |  |  |
| R5-220408 | SR UE Conformance Test Aspects for NR performance requirement enhancement RAN5#94e | China Telecom | noted |  |  |
| R5-220409 | WP UE Conformance Test Aspects for add support of NR DL 256QAM for FR2 RAN5#94e | China Telecom | noted |  |  |
| R5-220410 | SR UE Conformance Test Aspects for add support of NR DL 256QAM for FR2 RAN5#94e | China Telecom | noted |  |  |
| R5-220411 | SR UE Conformance Aspects - Even further mobility enhancement in E-UTRAN RAN5#94e | China Telecom | noted |  |  |
| R5-220412 | WP UE Conformance Aspects - Even further mobility enhancement in E-UTRAN RAN5#94e | China Telecom | noted |  |  |
| R5-220413 | 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#94e | China Telecom | noted |  |  |
| R5-220414 | 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#94e | China Telecom | noted |  |  |
| R5-220415 | 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#94e | China Telecom | noted |  |  |
| R5-220416 | 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#94e | China Telecom | noted |  |  |
| R5-220417 | Correction on Type I PMI test cases | China Telecom | revised |  | R5-221842 |
| R5-220418 | Addition of FR1 CA CQI test cases applicability | China Telecom | revised |  | R5-221850 |
| R5-220419 | Addition of FR1 CA CQI test cases | China Telecom | revised |  | R5-221843 |
| R5-220420 | Addition of applicability for FR1 CA CQI test requirements | China Telecom | revised |  | R5-221844 |
| R5-220421 | Addition of FR2 CA CQI test cases applicability | China Telecom | revised |  | R5-221851 |
| R5-220422 | Addition of FR2 CA CQI test cases | China Telecom | revised |  | R5-221847 |
| R5-220423 | Addition of applicability for FR2 CA CQI test requirements | China Telecom | revised |  | R5-221848 |
| R5-220424 | Update of MOP test cases for PC2 CA\_n1A-n78A with UL CA\_n1A-n78A | China Telecom | revised |  | R5-221896 |
| R5-220425 | Update of MOP test cases for PC2 CA\_n3A-n78A with UL CA\_n3A-n78A | China Telecom | revised |  | R5-221897 |
| R5-220426 | New WID on UE Conformance - NR coverage enhancements | China Telecom | revised |  | R5-221383 |
| R5-220427 | PRD-17 on Guidance to Work Item Codes (post RAN#95-e version) | Bureau Veritas (Rapporteur) | reserved |  |  |
| R5-220428 | Update to mandate non support of GEA2 from Rel-16 | Bureau Veritas | withdrawn |  | - |
| R5-220429 | Regrouping DC Configuration in clause 5 | Bureau Veritas, ZTE, Apple Portugal | revised |  | R5-221705 |
| R5-220430 | Update to R15 Configuration for DC | Bureau Veritas | withdrawn |  |  |
| R5-220431 | Update to R16 Configuration for DC | Bureau Veritas, Ericsson, Nokia, KDDI | agreed |  |  |
| R5-220432 | Update to R17 Configuration for DC | Bureau Veritas, Verizon Wireless | agreed |  |  |
| R5-220433 | RAN5#94-e summary of changes to RAN5 test cases with potential impact on GCF and PTCRB | Ericsson | reserved |  |  |
| R5-220434 | 3GPP RAN5 PRD20 v1.1.0: CA status list | Ericsson | withdrawn |  |  |
| R5-220435 | WP UE Conformance Test Aspects - Rel-15 LTE CA configurations | Ericsson | noted |  |  |
| R5-220436 | SR UE Conformance Test Aspects - Rel-15 LTE CA configurations | Ericsson | noted |  |  |
| R5-220437 | WP UE Conformance Test Aspects - Rel-16 LTE CA configurations | Ericsson | noted |  |  |
| R5-220438 | SR UE Conformance Test Aspects - Rel-16 LTE CA configurations | Ericsson | noted |  |  |
| R5-220439 | WP UE Conformance Test Aspects - 5G system with NR and LTE | Ericsson | noted |  |  |
| R5-220440 | SR UE Conformance Test Aspects - 5G system with NR and LTE | Ericsson | noted |  |  |
| R5-220441 | 5GS progress report RAN5#94-e | Ericsson | noted |  |  |
| R5-220442 | Update of RAN5 5G NR phases and target update RAN5#94-e | Ericsson | reserved |  |  |
| R5-220443 | WP UE Conformance Test Aspects - New Rel-16 NR bands and extension of existing NR bands | Ericsson | noted |  |  |
| R5-220444 | SR UE Conformance Test Aspects - New Rel-16 NR bands and extension of existing NR bands | Ericsson | noted |  |  |
| R5-220445 | Checklist - Adding new NR band or channel bandwidth to existing bands | Ericsson | noted |  |  |
| R5-220446 | WP UE Conformance - Power Class 2 for EN-DC with xLTE band + yNR DL with 1LTE+1(TDD) NR UL band (x= 2, 3, 4, y=1; x=1, 2, y=2) | Ericsson | noted |  |  |
| R5-220447 | SR UE Conformance - Power Class 2 for EN-DC with xLTE band + yNR DL with 1LTE+1(TDD) NR UL band (x= 2, 3, 4, y=1; x=1, 2, y=2) | Ericsson | noted |  |  |
| R5-220448 | Correction of UL CA configurations for CA\_25A-41A,CA\_25A-25A-41A, CA\_25A-41C, CA\_25A-25A-41C and CA\_25A-41D in Table 5.4.2A.1-2 | Ericsson | agreed |  |  |
| R5-220449 | Update of test frequencies for protocol testing and NR inter-band CA | Ericsson | agreed |  |  |
| R5-220450 | MCC TF160 Status Report | MCC TF160 | revised |  | R5-221378 |
| R5-220451 | RAN5 PRD12 version 6.8 | MCC TF160 | approved |  |  |
| R5-220452 | Correction to RF E-UTRA RRC\_CONNECTED procedure | MCC TF160, Anritsu | agreed |  |  |
| R5-220453 | Deletion of Editor's Note below clause 7.1.2 | MCC TF160 | agreed |  |  |
| R5-220454 | Correction to 5GC test case 9.1.1.3 | MCC TF160 | agreed |  |  |
| R5-220455 | 5G Rel-15: Test Models updates | MCC TF160 | revised |  | R5-221467 |
| R5-220456 | 5G V2X: Test Model updates | MCC TF160 | revised |  | R5-221529 |
| R5-220457 | 5G V2X: GNSS Test Model updates for NR sidelink | MCC TF160 | agreed |  |  |
| R5-220458 | Addition of NR/WLAN Inter-RAT test model | MCC TF160 | revised |  | R5-221403 |
| R5-220459 | Reference dedicated EPS bearer contexts for MCVideo and MCData | MCC TF160 | revised |  | R5-222015 |
| R5-220460 | Routine maintenance for TS 36.523-3 | MCC TF160 | withdrawn |  |  |
| R5-220461 | Correction of clause 2 - References | MCC TF160 | agreed |  |  |
| R5-220462 | Correction of clause 5.4 - Generic test procedures for UE operation over E-UTRA/EPC | MCC TF160 | agreed |  |  |
| R5-220463 | Correction of clause 5.5.11 - Default MCVideo Transmission Control Messages and other Information Elements | MCC TF160 | agreed |  |  |
| R5-220464 | Correction of clause 5.5.12 - MSRP Messages for MCData | MCC TF160 | agreed |  |  |
| R5-220465 | Correction of clause 5.5.2.16 - SIP 1xx | MCC TF160 | agreed |  |  |
| R5-220466 | Correction of clause 5.5.2.17 - SIP 2xx | MCC TF160 | agreed |  |  |
| R5-220467 | Correction of clause 5.5.2.5 - SIP INVITE | MCC TF160 | agreed |  |  |
| R5-220468 | Correction of clause 5.5.2.7 - SIP MESSAGE | MCC TF160 | agreed |  |  |
| R5-220469 | Correction of clause 5.5.2-11 - SIP PUBLISH | MCC TF160 | agreed |  |  |
| R5-220470 | Correction of clause 5.5.2-8 - SIP NOTIFY | MCC TF160 | agreed |  |  |
| R5-220471 | Correction of clause 5.5.3.1 - SDP Message | MCC TF160 | revised |  | R5-222026 |
| R5-220472 | Correction of clause 5.5.3.10 - MCData Protected Payload Message | MCC TF160 | agreed |  |  |
| R5-220473 | Correction of clause 5.5.3.6 - SIMPLE-FILTER | MCC TF160 | revised |  | R5-222027 |
| R5-220474 | Correction of clause 5.5.3.8 - MCData Data signalling messages | MCC TF160 | agreed |  |  |
| R5-220475 | Correction of clause 5.5.4 - Default HTTP message and other information elements | MCC TF160 | agreed |  |  |
| R5-220476 | Correction of clause 5.5.6 - Default MCPTT media plane control messages and other information elements | MCC TF160 | agreed |  |  |
| R5-220477 | Correction of clause 5.5.7 - Default MCX group management messages and other information elements | MCC TF160 | agreed |  |  |
| R5-220478 | Correction of clause 5.5.8 - Default MCS configuration management messages and other information elements | MCC TF160 | agreed |  |  |
| R5-220479 | Correction of clause 5.5.9.1 - CSK download by the SS | MCC TF160 | agreed |  |  |
| R5-220480 | Removal of clause 5.5.3.13 | MCC TF160 | agreed |  |  |
| R5-220481 | Restructuring of clause 5.3 - Generic test procedures for UE MCS operation | MCC TF160 | revised |  | R5-222028 |
| R5-220482 | Correction of MCPTT Test Case 5.2 | MCC TF160 | agreed |  |  |
| R5-220483 | Correction of MCPTT Test Case 5.3 | MCC TF160, NIST, UPV/EHU, Nemergent Solutions | revised |  | R5-222029 |
| R5-220484 | Correction of MCPTT Test Case 5.5 | MCC TF160 | agreed |  |  |
| R5-220485 | Correction of Test Cases in clause 6 | MCC TF160, , UPV/EHU, Nemergent Solutions | revised |  | R5-222030 |
| R5-220486 | MCPTT condition clarification | MCC TF160 | agreed |  |  |
| R5-220487 | Addition of PICS | MCC TF160 | revised |  | R5-222031 |
| R5-220488 | Routine maintenance for TS 36.579-5 | MCC TF160 | agreed |  |  |
| R5-220489 | Correction of MCVideo Test Case 5.1 | MCC TF160 | agreed |  |  |
| R5-220490 | Correction of MCVideo Test Case 5.2 | MCC TF160 | agreed |  |  |
| R5-220491 | Correction of MCVideo Test Case 5.3 | MCC TF160 | agreed |  |  |
| R5-220492 | Correction of MCVideo Test Case 5.4 | MCC TF160 | agreed |  |  |
| R5-220493 | MCVideo condition clarification | MCC TF160 | agreed |  |  |
| R5-220494 | Addition of test files to annex A | MCC TF160 | revised |  | R5-221404 |
| R5-220495 | Correction of clause 2 - References | MCC TF160 | agreed |  |  |
| R5-220496 | Correction of clause 6.1 - Short Data Service | MCC TF160 | agreed |  |  |
| R5-220497 | Correction of clause 6.2 - File Distribution Test Cases | MCC TF160 | agreed |  |  |
| R5-220498 | Correction of clause 6.3 - Enhanced Status Test Cases | MCC TF160 | agreed |  |  |
| R5-220499 | Correction of MCData Test Case 5.2 | MCC TF160 | agreed |  |  |
| R5-220500 | Correction of MCData Test Case 5.3 | MCC TF160 | agreed |  |  |
| R5-220501 | Correction of MCData Test Case 5.4 | MCC TF160 | agreed |  |  |
| R5-220502 | MCData condition clarification | MCC TF160 | agreed |  |  |
| R5-220503 | Update of protocol testing applicability for inter-band FR1 EN-DC configurations with NR CA non-contiguous | Ericsson | withdrawn |  |  |
| R5-220504 | Correction to NR RRC test case 8.1.5.2.2 | Keysight Technologies UK | withdrawn |  |  |
| R5-220505 | Remove test case 8.1.6.1.3.6 | MediaTek Inc. | revised |  | R5-221412 |
| R5-220506 | Correction to SON-MDT test case 8.1.6.1.4.2 | Anritsu Ltd, Qualcomm, Keysight | revised |  | R5-221573 |
| R5-220507 | Update to test case 8.1.6.1.3.7 | MediaTek Inc., Rohde & Schwarz, Qualcomm, Keysight Technologies UK, Anritsu | revised |  | R5-221574 |
| R5-220508 | Update of protocol testing applicability for 3CC inter-band NR DC configurations | Ericsson | revised |  | R5-221873 |
| R5-220509 | WP for HPUE\_PC1\_5\_n77\_n78-UEConTest for RAN5#94-e | Verizon Switzerland AG | noted |  |  |
| R5-220510 | SR for HPUE\_PC1\_5\_n77\_n78-UEConTest for RAN5#94-e | Verizon Switzerland AG | noted |  |  |
| R5-220511 | New MCVideo TC 6.7.2 Remote Initiated Ambient Viewing CT | NIST | revised |  | R5-221550 |
| R5-220512 | New MCVideo TC Selected Group Change of Targeted User CO | NIST | revised |  | R5-221551 |
| R5-220513 | Updates to A.7.1.1.1 and A.9.1.1.1 test points | Qualcomm communications-France | agreed |  |  |
| R5-220514 | Updates to A.7.1.2.1 and A.9.1.2.1 | Qualcomm communications-France | agreed |  |  |
| R5-220515 | Updates to A.10 and Annex.11 for Downlink Throughput tests with Variable Reference Channel | Qualcomm communications-France | revised |  | R5-221784 |
| R5-220516 | Updates to Conclusion | Qualcomm communications-France | revised |  | R5-221785 |
| R5-220517 | Updates to Annex.B | Qualcomm communications-France | revised |  | R5-221786 |
| R5-220518 | Addition of test cases for UE Rx-Tx time difference measurement period | CATT | agreed |  |  |
| R5-220519 | Addition of UE Rx-Tx time difference measurement test uncertainties and test parameter relaxations | CATT | revised |  | R5-221887 |
| R5-220520 | Addition of test applicabilities for NR UE Rx-Tx time difference measurement test cases | CATT | revised |  | R5-221888 |
| R5-220521 | Addition of test applicabilities for PosSIB broadcasting test case | CATT | revised |  | R5-221594 |
| R5-220522 | Addition of TC 9.4.1 PosSIB broadcasting followed by location information transfer | CATT | revised |  | R5-221592 |
| R5-220523 | Correction of the assistance data elements for NR positioning support | CATT | revised |  | R5-221593 |
| R5-220524 | Addition of positioning system information blocks associated parameters | CATT | revised |  | R5-221591 |
| R5-220525 | Correction to TC 7.1.1.12.3 DRX adaptation / UE wakeup indication | CATT | revised |  | R5-221530 |
| R5-220526 | Work plan: UE Conformance Test Aspects for NR Positioning Support | CATT | noted |  |  |
| R5-220527 | SR UE Conformance Test Aspects - NR Positioning Support | CATT | noted |  |  |
| R5-220528 | Work plan: UE Conformance Test Aspects – UE power saving in NR | CATT | noted |  |  |
| R5-220529 | SR UE Conformance Test Aspects - UE power saving in NR | CATT | noted |  |  |
| R5-220530 | Update of NR5G NPN TC 6.5.2.1 | MediaTek Inc. | revised |  | R5-221531 |
| R5-220531 | Update of NR5G NPN TC 6.5.2.2 | MediaTek Inc. | agreed |  |  |
| R5-220532 | Update of NR5G NPN TC 6.5.2.4 | MediaTek Inc. | agreed |  |  |
| R5-220533 | Editorial correction to UE declaration of Bandwidth Class and BCS information | Bureau Veritas | agreed |  |  |
| R5-220534 | Update test applicability to allow for support of limited GNSS combinations for 5G tests | Bureau Veritas, Spirent Communications | agreed |  |  |
| R5-220535 | Update test applicability to allow for support of limited GNSS combinations | Bureau Veritas, Spirent Communications | agreed |  |  |
| R5-220536 | Correction to Applicability and Additional information for EN-DC TC and RRM TC | TTA, SGS Wireless | revised |  | R5-221712 |
| R5-220537 | Correction on test procedure and initial condition for power tolerance test cases | TTA | agreed |  |  |
| R5-220538 | Correction on test requirements for TC 6.5B.3.3.2 | TTA | agreed |  |  |
| R5-220539 | Addition of 6.4E.1 Frequency error for V2X | TTA | agreed |  |  |
| R5-220540 | Addition of 6.4E.2.1 Error Vector Magnitude for V2X | TTA | agreed |  |  |
| R5-220541 | Introduction of test frequencies for n25 adding CBWs 25MHz, 30MHz, 40MHz | Ericsson, Rohde & Schwarz | agreed |  |  |
| R5-220542 | Correction to cl 4.5.3 RRC\_INACTIVE generic procedure | Huawei, Hisilicon | revised |  | R5-222039 |
| R5-220543 | Correction to NR TC 6.4.1.1-PLMN Selection-Higher priority PLMN | Huawei, Hisilicon | agreed |  |  |
| R5-220544 | Correction to NR TC 7.1.1.5.3-Short Cycle DRX | Huawei, Hisilicon | agreed |  |  |
| R5-220545 | Correction to NR SA TC 8.1.1.3.7-RRC release | Huawei, Hisilicon | agreed |  |  |
| R5-220546 | Correction to NR TC 8.1.2.1.1-RRC Reconfiguration | Huawei, Hisilicon | revised |  | R5-221438 |
| R5-220547 | Correction to NR SA TC 8.1.4.1.7.x-SCell release | Huawei, Hisilicon | revised |  | R5-221442 |
| R5-220548 | Correction to NR SA TC 8.2.2.2.1-Split SRB | Huawei, Hisilicon | agreed |  |  |
| R5-220549 | Correction to NR TC 9.1.4.1-Generic UE configuration update | Huawei, Hisilicon | agreed |  |  |
| R5-220550 | Correction to NR TC 10.1.1.1-PDU session authentication and authorization | Huawei, Hisilicon | agreed |  |  |
| R5-220551 | Correction to NR TC 10.1.1.2-After the UE-requested PDU session procedure | Huawei, Hisilicon | agreed |  |  |
| R5-220552 | Correction to ENDC TC 10.2.2.1-EPS bearer resource allocation | Huawei, Hisilicon | agreed |  |  |
| R5-220553 | Correction to NR TC 11.1.5-EPS Fallback from NR Connected without N26 | Huawei, Hisilicon, CATT, Datang Linktester | revised |  | R5-221453 |
| R5-220554 | Correction to NR TC 11.1.6-EPS Fallback from NR Idle without N26 | Huawei, Hisilicon, CATT, Datang Linktester | revised |  | R5-221454 |
| R5-220555 | Correction to NR TC 11.3.1-UAC for MO Speech Call and SMSoIP | Huawei, Hisilicon, CATT, Datang Linktester, MediaTek Inc. | revised |  | R5-221459 |
| R5-220556 | Correction to NR TC 11.3.2-UAC for Emergency Call | Huawei, Hisilicon | withdrawn |  |  |
| R5-220557 | Correction to NR TC 11.3.5-UAC New cell not in the country of its HPLMN | Huawei, Hisilicon, CATT, Datang Linktester | agreed |  |  |
| R5-220558 | Correction to NR TC 11.3.6-UAC for Access Identity 2 | Huawei, Hisilicon | revised |  | R5-222036 |
| R5-220559 | Correction to NR TC 11.3.9-UAC for ODAC | Huawei, Hisilicon | agreed |  |  |
| R5-220560 | Correction to NR TC 11.4.1-emergency call and authentication failure | Huawei, Hisilicon | agreed |  |  |
| R5-220561 | Correction to NR TC 11.4.10-N26 not supported - N1 to S1 transfer of an existing emergency PDU session | Huawei, Hisilicon | revised |  | R5-221417 |
| R5-220562 | Correction to NR IMS TC 7.20-MTSI MO Voice Call to add video and remove video with preconditions | Huawei, Hisilicon | withdrawn |  |  |
| R5-220563 | Correction to NR IMS TC 7.21-MTSI MT Voice Call to add video and remove video without preconditions | Huawei, Hisilicon | revised |  | R5-221484 |
| R5-220564 | Correction to NR IMS TC 7.23-MTSI MT Voice Call to add video and remove video without preconditions | Huawei, Hisilicon | revised |  | R5-221485 |
| R5-220565 | Correction to NR IMS TC 7.4-MTSI MO Voice Call with preconditions | Huawei, Hisilicon | agreed |  |  |
| R5-220566 | Correction to NR IMS TC 8.40-User initiated USSI | Huawei, Hisilicon | revised |  | R5-221486 |
| R5-220567 | Addition of default AT command and information element for NR SL test | Huawei, Hisilicon | agreed |  |  |
| R5-220568 | Correction to generic test procedures for NR SL MIMO tests | Huawei, Hisilicon | revised |  | R5-221499 |
| R5-220569 | Correction to test procedures for establishing unicast link | Huawei, Hisilicon | agreed |  |  |
| R5-220570 | Addition of test procedures for releasing unicast link | Huawei, Hisilicon | revised |  | R5-221500 |
| R5-220571 | Addition of test procedures for data exchanging on unicast link | Huawei, Hisilicon | revised |  | R5-221501 |
| R5-220572 | Correction to PC5 RRC message MasterInformationBlockSidelink | Huawei, Hisilicon | revised |  | R5-221502 |
| R5-220573 | Correction to PC5 RRC message MeasurementReportSidelink | Huawei, Hisilicon | revised |  | R5-221503 |
| R5-220574 | Correction to PC5 RRC message RRCReconfigurationSidelink | Huawei, Hisilicon | revised |  | R5-221504 |
| R5-220575 | Correction to PC5 RRC message RRCReconfigurationCompleteSidelink | Huawei, Hisilicon | revised |  | R5-221505 |
| R5-220576 | Correction to PC5 RRC message RRCReconfigurationFailureSidelink | Huawei, Hisilicon | revised |  | R5-221506 |
| R5-220577 | Correction to PC5 RRC message UECapabilityEnquirySidelink | Huawei, Hisilicon | revised |  | R5-221507 |
| R5-220578 | Correction to PC5 RRC message UECapabilityInformationSidelink | Huawei, Hisilicon | revised |  | R5-221508 |
| R5-220579 | Correction to SIB12 | Huawei, Hisilicon | agreed |  |  |
| R5-220580 | Correction to IE SL-BWP-Config and SL-BWP-ConfigCommon | Huawei, Hisilicon | agreed |  |  |
| R5-220581 | Correction to SL-PreconfigurationNR | Huawei, Hisilicon | withdrawn |  |  |
| R5-220582 | Correction to IE SL-ResourcePool | Huawei, Hisilicon | agreed |  |  |
| R5-220583 | Correction to V2X message DIRECT LINK ESTABLISHMENT REQUEST | Huawei, Hisilicon | revised |  | R5-221509 |
| R5-220584 | Correction to V2X message DIRECT LINK ESTABLISHMENT ACCEPT | Huawei, Hisilicon | revised |  | R5-221510 |
| R5-220585 | Correction to V2X message DIRECT LINK RELEASE REQUEST | Huawei, Hisilicon | revised |  | R5-221511 |
| R5-220586 | Correction to V2X message DIRECT LINK RELEASE ACCEPT | Huawei, Hisilicon | revised |  | R5-221512 |
| R5-220587 | Correction to V2X message DIRECT LINK KEEPALIVE REQUEST | Huawei, Hisilicon | revised |  | R5-221513 |
| R5-220588 | Correction to V2X message DIRECT LINK SECURITY MODE COMMAND | Huawei, Hisilicon | revised |  | R5-221514 |
| R5-220589 | Correction to V2X message DIRECT LINK SECURITY MODE COMPLETE | Huawei, Hisilicon | revised |  | R5-221515 |
| R5-220590 | Correction to V2X service identifier to PC5 RAT and Tx profiles mapping rule | Huawei, Hisilicon | agreed |  |  |
| R5-220591 | Correction to V2X frequencies | Huawei, Hisilicon | agreed |  |  |
| R5-220592 | Correction to test loop procedures for SL test | Huawei, Hisilicon | revised |  | R5-221516 |
| R5-220593 | Correction to test protocol messages for SL test | Huawei, Hisilicon | revised |  | R5-221517 |
| R5-220594 | Addition of V2X TC 13.2.1-Conflict Layer 2 ID | Huawei, Hisilicon | revised |  | R5-221520 |
| R5-220595 | Addition of V2X TC 13.2.2-Security Mode | Huawei, Hisilicon | revised |  | R5-221521 |
| R5-220596 | Addition of V2X TC 13.2.6-Link keep alive | Huawei, Hisilicon | revised |  | R5-221522 |
| R5-220597 | Addition of NR V2X TC applicability | Huawei, Hisilicon | revised |  | R5-221527 |
| R5-220598 | Discussion on NR V2X PC5 unicast test | Huawei, Hisilicon | noted |  |  |
| R5-220599 | SR of Rel-16 NR V2X WI after RAN5 94e | Huawei, Hisilicon | noted |  |  |
| R5-220600 | WP of Rel-16 NR V2X WI after RAN5 94e | Huawei, Hisilicon | noted |  |  |
| R5-220601 | Correction to NR TC 7.1.3.4.3-PDCP DAPS HO | Huawei, Hisilicon | withdrawn |  | - |
| R5-220602 | Correction to NR TC 8.1.4.3.1-RRC DAPS HO Success | Huawei, Hisilicon | revised |  | R5-222040 |
| R5-220603 | Correction to NR TC 8.1.4.3.2-RRC DAPS HO Failure | Huawei, Hisilicon | revised |  | R5-222041 |
| R5-220604 | Correction to NR TC 8.1.4.3.4-RRC DAPS HO Success Inter-frequency | Huawei, Hisilicon | revised |  | R5-221497 |
| R5-220605 | Correction to NR TC 8.1.4.4.4-Conditional handover and legacy handover | Huawei, Hisilicon | revised |  | R5-222042 |
| R5-220606 | Correction to NR TC 8.2.3.18.1-Conditional PSCell change Success | Huawei, Hisilicon | revised |  | R5-221498 |
| R5-220607 | Correction to applicability for NR MobEnh | Huawei, Hisilicon | agreed |  |  |
| R5-220608 | SR of Rel-16 NR Mobility Enhancement WI after RAN5 94e | Huawei, Hisilicon | noted |  |  |
| R5-220609 | WP of Rel-16 NR Mobility Enhancement WI after RAN5 94e | Huawei, Hisilicon | noted |  |  |
| R5-220610 | Addtion of LTE TC 8.2.4.31.4-Conditional handover | Huawei, Hisilicon | revised |  | R5-221490 |
| R5-220611 | Correction to applicability for LTE feMob | Huawei, Hisilicon | agreed |  |  |
| R5-220612 | Correction to NR MDT TC 8.1.6.1.4.3-Intra NR\_Connection Establishment Failure\_Reporting at intra-NR handover | Huawei, Hisilicon | agreed |  |  |
| R5-220613 | Correction to NR MDT TC 8.1.6.1.4.4-Intra NR\_Connection Establishment Failure\_RRC connection re-establishment | Huawei, Hisilicon | agreed |  |  |
| R5-220614 | Correction to NR MDT TC 8.1.6.1.4.7-Intra NR\_Connection Establishment Failure\_ Inter-frequency measurements | Huawei, Hisilicon | withdrawn |  |  |
| R5-220615 | Correction to NR MDT TC 8.1.6.3.1.3-Inter System\_Immediate MDT\_Sensor | Huawei, Hisilicon | revised |  | R5-221575 |
| R5-220616 | Correction to NR MDT TC 8.1.6.3.2.1-Inter System\_Logged\_Bluetooth | Huawei, Hisilicon | withdrawn |  |  |
| R5-220617 | Correction to NR MDT TC 8.1.6.3.2.3-Inter System\_Logged\_Sensor | Huawei, Hisilicon | revised |  | R5-221576 |
| R5-220618 | Correction to NR MDT TC 8.1.6.3.3.3-Inter System\_RLF\_Sensor | Huawei, Hisilicon | revised |  | R5-221577 |
| R5-220619 | Correction to NR MDT TC 8.1.6.3.4.3-Inter System\_Connection Establishment Failure\_Sensor | Huawei, Hisilicon | revised |  | R5-221578 |
| R5-220620 | Correction to default AT command and information element | Huawei, Hisilicon | agreed |  |  |
| R5-220621 | Correction to NR SRVCC TC 8.1.3.2.8-Inter RAT | Huawei, Hisilicon | revised |  | R5-222014 |
| R5-220622 | New WID on UE Conformance - NR Multicast and Broadcast Services including CT and SA aspects | Huawei, Hisilicon | revised |  | R5-221384 |
| R5-220623 | Revised WID on UE conformance test aspects for 5G V2X with NR sidelink | Huawei, Hisilicon | noted |  |  |
| R5-220624 | Revised WID on UE conformance test aspects for NR mobility enhancements | Huawei, Hisilicon | noted |  |  |
| R5-220625 | TS 36.523-1 Tracker status before RAN5-94e | Huawei, Hisilicon | noted |  |  |
| R5-220626 | TS 38.523-1 Tracker status before RAN5-94e | Huawei, Hisilicon | noted |  |  |
| R5-220627 | TS 36.523-1 Tracker status after RAN5-94e | Huawei, Hisilicon | reserved |  |  |
| R5-220628 | TS 38.523-1 Tracker status after RAN5-94e | Huawei, Hisilicon | reserved |  |  |
| R5-220629 | Correction to demod TC 5.2.2.1.4\_1 | Huawei, Hisilicon | agreed |  |  |
| R5-220630 | Correction to demod TC 5.2.3.2.1\_1 | Huawei, Hisilicon | agreed |  |  |
| R5-220631 | Correction to demod TC 9.4B.1.1 | Huawei, Hisilicon | withdrawn |  |  |
| R5-220632 | Introduction\_of\_test\_frequencies\_for\_new\_EN-DC\_comb\_within\_FR1 | KDDI Corporation | agreed |  |  |
| R5-220633 | Introduction\_of\_UE\_capabilities\_for\_new\_EN-DC\_comb\_within\_FR1 | KDDI Corporation | agreed |  |  |
| R5-220634 | Updates to HST test case 5.2.3.1.9\_1 | CMCC | agreed |  |  |
| R5-220635 | Updates to HST test case 5.2.3.1.10\_1 | CMCC | agreed |  |  |
| R5-220636 | Addition of HST test case 5.2.3.1.9\_1 to annex F | CMCC | revised |  | R5-221856 |
| R5-220637 | Addition of HST test case 5.2.3.1.10\_1 to annex F | CMCC | revised |  | R5-221857 |
| R5-220638 | Addition of fading profile power uncertainty for 4Tx, FR1 | Ericsson | agreed |  |  |
| R5-220639 | Editorial, correction of clause numbering in test case 6.5D.2.4.1 | Ericsson | agreed |  |  |
| R5-220640 | Correction to NR-DC testcase 7.1.1.11.1 | ROHDE & SCHWARZ, Keysight, Qualcomm | revised |  | R5-221434 |
| R5-220641 | Correction to NR PDCP test case 7.1.3.5.2 | MCC TF160 | agreed |  |  |
| R5-220642 | Addition of test case, 6.5D.2\_1.4.1, NR ACLR for UL MIMO (Rel-16 onward) | Ericsson | revised |  | R5-221616 |
| R5-220643 | Introduction of test frequencies for n2 adding CBWs 25MHz, 30MHz, 40MHz | Ericsson | agreed |  |  |
| R5-220644 | Correction to NR5GC testcase 11.1.7 | ROHDE & SCHWARZ, Qualcomm | agreed |  |  |
| R5-220645 | Addition of TP analysis for test case 6.5D.2\_1.4 in 38.905 | Ericsson | withdrawn |  |  |
| R5-220646 | Correction to NR IMS TC 7.24b-MTSI MO Voice Call Forking | Huawei, Hisilicon | withdrawn |  |  |
| R5-220647 | Correction to NR IMS generic procedure A.4.1-MTSI MO Voice Call with preconditions | Huawei, Hisilicon | agreed |  |  |
| R5-220648 | Correction to NR MAC testcase 7.1.1.3.3 | ROHDE & SCHWARZ | agreed |  |  |
| R5-220649 | Correction to NR test case 8.1.1.4.1 | ROHDE & SCHWARZ, TDIA, CATT, Spreadtrum | revised |  | R5-221437 |
| R5-220650 | Correction to NR V2X TC 13.1.1-policy provisioning | Huawei, Hisilicon | revised |  | R5-221523 |
| R5-220651 | Editorial correction for test case title in Annex F | CMCC | agreed |  |  |
| R5-220652 | Correction to RRCReconfiguration message with condition REEST | ROHDE & SCHWARZ, MediaTek, Ericsson | revised |  | R5-221420 |
| R5-220653 | Addition of test frequencies for CA\_n41C-n79A with and without UL configuration | CMCC | agreed |  |  |
| R5-220654 | Update NE-DC configurations for DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C | CMCC | revised |  | R5-221886 |
| R5-220655 | Adding RIB,c for Inter-band NE-DC | CMCC | agreed |  |  |
| R5-220656 | Clarification on clause number of NE-DC for Tx test cases | CMCC | revised |  | R5-221697 |
| R5-220657 | Clarification on clause number of NE-DC for Rx test cases | CMCC | revised |  | R5-221703 |
| R5-220658 | Update superscripts of power class for inter-band CA | CMCC | revised |  | R5-221898 |
| R5-220659 | Update MOP for 2 bands DL and 1 band UL CA | CMCC | revised |  | R5-221899 |
| R5-220660 | draft TR 38.918 v0.4.0 | CMCC | approved |  |  |
| R5-220661 | PRD21 v1.0.0 on NR bands and 5G NR CADC configuration handling in RAN5 | CMCC | reserved |  |  |
| R5-220662 | Correction to NR testcases 8.2.4.1.1.1, 8.2.4.1.1.2 and 8.2.4.1.1.3 | ROHDE & SCHWARZ | revised |  | R5-221449 |
| R5-220663 | Update of HST Demod test case applicability - Note 1 removal | CMCC | agreed |  |  |
| R5-220664 | Editorial change for the position of clause 5.2.3.1.9 and 5.2.3.1.10 | CMCC | agreed |  |  |
| R5-220665 | Correction Ref. of Table A.18b/10 | SGS Wireless | agreed |  |  |
| R5-220666 | Correction typo for Table A.4.3.2B.2.3.1-3a and Table A.4.3.8-1 | SGS Wireless | agreed |  |  |
| R5-220667 | Correction the condition of 38.533 RRM TC6.7.7.1 | SGS Wireless | withdrawn |  |  |
| R5-220668 | Correction the condition of 38.523-1 TC11.3.2 and TC11.3.8 and Test case Selection Expression of C61 | SGS Wireless | revised |  | R5-221464 |
| R5-220669 | Correction to MDT test case 8.1.6.1.3.3 | MediaTek Inc., Rohde & Schwarz | revised |  | R5-221579 |
| R5-220670 | Correction to the BWP-DownlinkDedicated. | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-220671 | Correction to NR test case 7.1.1.9.1 | ROHDE & SCHWARZ | revised |  | R5-222044 |
| R5-220672 | Addition of test case 5.2.3.2.10\_1, 4Rx TDD FR1 HST DPS performance - 2x4 MIMO with baseline receiver for both SA and NSA | Ericsson | revised |  | R5-221854 |
| R5-220673 | Correcting applicability of HST test cases in 38.522 | Ericsson | agreed |  |  |
| R5-220674 | Removing editors note in CA test cases | DEKRA | revised |  | R5-221754 |
| R5-220675 | Addition of new test case in Annex F.1.5 and Annex F.3.5 | DEKRA | agreed |  |  |
| R5-220676 | Removing editors note in CA test cases | DEKRA | revised |  | R5-221755 |
| R5-220677 | Addition of new test case in Annex F.1.2 and Annex F.3.2 | DEKRA | revised |  | R5-221756 |
| R5-220678 | Correcting applicability part of HST test cases in 38.521-4 | Ericsson | agreed |  |  |
| R5-220679 | Correction to NR5GC testcase 6.5.2.1 | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-220680 | Adding new HST test cases to 38.522 | Ericsson | withdrawn |  | - |
| R5-220681 | Correction to NR5GC testcase 6.5.1.3 | ROHDE & SCHWARZ, Qualcomm | revised |  | R5-221532 |
| R5-220682 | Correction to NR5GC testcase 6.5.1.2 | ROHDE & SCHWARZ | agreed |  |  |
| R5-220683 | Correction to NR5GC testcase 6.5.1.1 | ROHDE & SCHWARZ, Qualcomm | revised |  | R5-221533 |
| R5-220684 | Addition of new RMCs to Annex | Ericsson | agreed |  |  |
| R5-220685 | Addition of test case 5.2.3.2.4\_1, 4Rx TDD FR1 PDSCH Mapping Type A and LTE-NR coexistence performance - 4x4 MIMO with baseline receiver for both SA and NSA | Ericsson | revised |  | R5-221845 |
| R5-220686 | Correcting test applicability for EN-DC, rel-16 to rel-15 | Ericsson | agreed |  |  |
| R5-220687 | Correction to default RRC IEs for RRM | Huawei,Hisilicon | revised |  | R5-221669 |
| R5-220688 | Correction to FR1 EN-DC RRM TCs - interruption SCC | Huawei,Hisilicon | revised |  | R5-221713 |
| R5-220689 | Correction to FR1 EN-DC RRM TCs - SCell activation | Huawei,Hisilicon | agreed |  |  |
| R5-220690 | Correction to FR2 EN-DC RRM TCs - RLM | Huawei,Hisilicon | revised |  | R5-221715 |
| R5-220691 | Correction to FR2 EN-DC RRM TC 5.5.5.1 with TT | Huawei,Hisilicon | revised |  | R5-221716 |
| R5-220692 | Correction to FR2 EN-DC RRM TC 5.5.5.2 with TT | Huawei,Hisilicon | revised |  | R5-221717 |
| R5-220693 | Correction to FR2 EN-DC RRM TC 5.5.5.3 with TT | Huawei,Hisilicon | revised |  | R5-221718 |
| R5-220694 | Correction to FR2 EN-DC RRM TC 5.5.5.4 with TT | Huawei,Hisilicon | revised |  | R5-221719 |
| R5-220695 | Correction to FR2 EN-DC RRM TC 5.5.5.5 with TT | Huawei,Hisilicon | revised |  | R5-221720 |
| R5-220696 | Correction to FR2 EN-DC RRM TC 5.6.1.1 with TT | Huawei,Hisilicon | revised |  | R5-221721 |
| R5-220697 | Correction to FR2 EN-DC RRM TC 5.6.1.2 | Huawei,Hisilicon | agreed |  |  |
| R5-220698 | Correction to FR2 EN-DC RRM TC 5.6.1.3 with TT | Huawei,Hisilicon | revised |  | R5-221722 |
| R5-220699 | Correction to FR2 EN-DC RRM TC 5.6.1.4 | Huawei,Hisilicon | agreed |  |  |
| R5-220700 | Correction to FR1 NR SA RRM TCs - low priority reselection | Huawei,Hisilicon | withdrawn |  |  |
| R5-220701 | Correction to FR1 NR SA RRM TC 6.5.2.1 - interruption SCC | Huawei,Hisilicon | agreed |  |  |
| R5-220702 | Correction to FR1 NR SA RRM TCs - SCell activation | Huawei,Hisilicon | agreed |  |  |
| R5-220703 | Correction to FR2 NR SA RRM TCs - RLM | Huawei,Hisilicon | withdrawn |  |  |
| R5-220704 | Correction to FR2 NR SA RRM TC 7.5.5.1 with TT | Huawei,Hisilicon | revised |  | R5-221727 |
| R5-220705 | Correction to FR2 NR SA RRM TC 7.5.5.2 with TT | Huawei,Hisilicon | revised |  | R5-221728 |
| R5-220706 | Correction to FR2 NR SA RRM TC 7.5.5.3 with TT | Huawei,Hisilicon | revised |  | R5-221729 |
| R5-220707 | Correction to FR2 NR SA RRM TC 7.5.5.4 with TT | Huawei,Hisilicon | revised |  | R5-221730 |
| R5-220708 | Correction to FR2 NR SA RRM TC 7.5.5.5 with TT | Huawei,Hisilicon | revised |  | R5-221731 |
| R5-220709 | Correction to FR2 NR SA RRM TC 7.6.1.1 with TT | Huawei,Hisilicon | revised |  | R5-221732 |
| R5-220710 | Correction to FR2 NR SA RRM TC 7.6.1.2 with TT | Huawei,Hisilicon | revised |  | R5-221637 |
| R5-220711 | Correction to FR2 NR SA RRM TC 7.6.1.3 with TT | Huawei,Hisilicon | revised |  | R5-221733 |
| R5-220712 | Correction to FR2 NR SA RRM TC 7.6.1.4 with TT | Huawei,Hisilicon | revised |  | R5-221638 |
| R5-220713 | Correction to Annex F for FR2 SSB based BFD TCs | Huawei,Hisilicon | revised |  | R5-221736 |
| R5-220714 | Correction to Annex F for FR2 SSB based intra-freq measurement TCs | Huawei,Hisilicon | revised |  | R5-221737 |
| R5-220715 | Correction to default configuration in Annex H | Huawei,Hisilicon | revised |  | R5-221738 |
| R5-220716 | TT analysis for FR2 SSB based BFD TCs | Huawei,Hisilicon | revised |  | R5-221744 |
| R5-220717 | TT analysis for FR2 SSB intra-freq measurement without DRX TCs | Huawei,Hisilicon | revised |  | R5-221745 |
| R5-220718 | TT analysis for FR2 SSB intra-freq measurement with DRX TCs | Huawei,Hisilicon | agreed |  |  |
| R5-220719 | Correction to Mob\_enh RRM TC 7.3.1.4 with TT | Huawei,Hisilicon | revised |  | R5-221645 |
| R5-220720 | Correction to Mob\_enh RRM TC 7.3.1.5 with TT | Huawei,Hisilicon | revised |  | R5-221646 |
| R5-220721 | Correction to Mob\_enh RRM TC 7.3.3.1 with TT | Huawei,Hisilicon | revised |  | R5-221812 |
| R5-220722 | Correction to Annex F for Mob\_enh RRM TCs | Huawei,Hisilicon | revised |  | R5-221813 |
| R5-220723 | TT analysis for Mob\_enh RRM TCs 7.3.1.4 and 7.3.1.5 | Huawei,Hisilicon | revised |  | R5-221649 |
| R5-220724 | TT analysis for Mob\_enh RRM TCs 7.3.3.1 | Huawei,Hisilicon | revised |  | R5-221814 |
| R5-220725 | Addition of default configuration for NR SL RRM test | Huawei,Hisilicon | agreed |  |  |
| R5-220726 | Addition of band group for NR SL RRM test | Huawei,Hisilicon | agreed |  |  |
| R5-220727 | Addition of minimum requirements for NR SL UE Tx timing TCs | Huawei,Hisilicon | agreed |  |  |
| R5-220728 | Addition of NR SL RRM TC 9.1.1.1 - Tx Timing GNSS | Huawei,Hisilicon | agreed |  |  |
| R5-220729 | Addition of NR SL RRM TC 9.1.1.2 - Tx Timing SyncRef UE | Huawei,Hisilicon | agreed |  |  |
| R5-220730 | Addition of NR SL RRM TC 9.1.1.3 - Tx Timing NR Cell | Huawei,Hisilicon | agreed |  |  |
| R5-220731 | Addition of minimum requirements for NR SL S-SSB Tx TCs | Huawei,Hisilicon | agreed |  |  |
| R5-220732 | Addition of NR SL RRM TC 9.1.2.1 - SLSS Tx NR Cell | Huawei,Hisilicon | revised |  | R5-221821 |
| R5-220733 | Addition of NR SL RRM TC 9.1.2.2 - SLSS Tx SyncRef UE | Huawei,Hisilicon | revised |  | R5-221822 |
| R5-220734 | Addition of minimum requirements for NR SL SyncRef reselection TCs | Huawei,Hisilicon | agreed |  |  |
| R5-220735 | Addition of NR SL RRM TC 9.1.3.1 - SyncRef reselection GNSS | Huawei,Hisilicon | revised |  | R5-221823 |
| R5-220736 | Addition of NR SL RRM TC 9.1.3.2 - SyncRef reselection Cell | Huawei,Hisilicon | revised |  | R5-221824 |
| R5-220737 | Addition of minimum requirements for NR SL L1 SL-RSRP TCs | Huawei,Hisilicon | agreed |  |  |
| R5-220738 | Addition of NR SL RRM TC 9.1.4.1 - Resource sensing | Huawei,Hisilicon | agreed |  |  |
| R5-220739 | Addition of NR SL RRM TC 9.1.4.2 - Resource pre-emption | Huawei,Hisilicon | revised |  | R5-221825 |
| R5-220740 | Addition of NR SL RRM TC 9.1.4.3 - Resource re-evaluation | Huawei,Hisilicon | revised |  | R5-221826 |
| R5-220741 | Addition of minimum requirements for NR SL Congestion control TCs | Huawei,Hisilicon | agreed |  |  |
| R5-220742 | Addition of NR SL RRM TC 9.1.5.1 - SL-RSSI con-current | Huawei,Hisilicon | agreed |  |  |
| R5-220743 | Addition of NR SL RRM TC 9.1.5.2 - SL-RSSI PC5 only | Huawei,Hisilicon | revised |  | R5-221827 |
| R5-220744 | Addition of minimum requirements for NR SL interruption TCs | Huawei,Hisilicon | agreed |  |  |
| R5-220745 | Addition of NR SL RRM TC 9.1.6.1 - WAN interruption | Huawei,Hisilicon | agreed |  |  |
| R5-220746 | Addition of RMC for NR SL RRM test in Annex A | Huawei,Hisilicon | revised |  | R5-221828 |
| R5-220747 | Addition of side conditions for NR SL RRM test in Annex B | Huawei,Hisilicon | agreed |  |  |
| R5-220748 | Correction to Annex E for NR SL RRM TCs | Huawei,Hisilicon | agreed |  |  |
| R5-220749 | Correction to Annex G for NR SL RRM TCs | Huawei,Hisilicon | agreed |  |  |
| R5-220750 | Correction to PICS for PS TCs | Huawei,Hisilicon | agreed |  |  |
| R5-220751 | Correction to PS Demod TC 5.3.2.1.3 | Huawei,Hisilicon | agreed |  |  |
| R5-220752 | Updating on additional UE co-ex requirements for 2 Band UL CA | NTT DOCOMO INC. | agreed |  |  |
| R5-220753 | Updating on n74 co-existence for TS 38.521-1 | NTT DOCOMO INC. | agreed |  |  |
| R5-220754 | Updating on 6.5B.3.3.2 Spurious emission for UE co-existence for inter-band within FR1 including n1 | NTT DOCOMO INC. | revised |  | R5-221698 |
| R5-220755 | Addition of Test Point analysis for FR1 Spurious emission for UE co-existence for DC\_19\_n1 | NTT DOCOMO INC. | revised |  | R5-221748 |
| R5-220756 | Addition of Test Point analysis for FR1 Spurious emission for UE co-existence for DC\_21\_n1 | NTT DOCOMO INC. | revised |  | R5-221749 |
| R5-220757 | Addition of new performance enhancement test case in 38.522 | Ericsson | agreed |  |  |
| R5-220758 | Introduction of CA\_n5A-n7A and CA\_n7A\_n78A maximum output power test requirements | Ericsson | revised |  | R5-221762 |
| R5-220759 | Introduction of maximum output power test requirements for DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A and DC\_28A\_n7A | Ericsson | agreed |  |  |
| R5-220760 | Introduction of test frequencies for n5 adding CBW 25MHz | Ericsson | agreed |  |  |
| R5-220761 | Editorial corrections for NR CA configuration CA\_n48B | Ericsson | agreed |  |  |
| R5-220762 | Addition of connection diagram for 16Tx, 2Rx | Ericsson | withdrawn |  |  |
| R5-220763 | Corrections to TC 10.9 | ROHDE & SCHWARZ | agreed |  |  |
| R5-220764 | Updating test case 6.3.2.2.3, 2Rx TDD FR1 Single PMI with 16Tx Type1 - SinglePanel codebook for both SA and NSA | Ericsson | agreed |  |  |
| R5-220765 | Core spec alignment for FR2 test case 6.3.4.3, Relative power tolerance | Ericsson | revised |  | R5-221929 |
| R5-220766 | Update Tx test cases for DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C | CMCC | agreed |  |  |
| R5-220767 | PRD21 v0.1.0 on NR bands and 5G NR CADC configuration handling in RAN5 | CMCC | revised |  | R5-221398 |
| R5-220768 | Correction to test procedure for adding video to speech call in 5GC | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-220769 | Correction to RACS test case 9.1.9.5 | Keysight Technologies UK, Anritsu | revised |  | R5-221538 |
| R5-220770 | Corrections of Tx TCs having impact on ETSI EN 301 908-25 | China Unicom | revised |  | R5-221677 |
| R5-220771 | Introduction of test frequencies for CA\_n66(2A) BCS1 and BCS2 | Ericsson | agreed |  |  |
| R5-220772 | WP on ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest for RAN5#94e | China Unicom | noted |  |  |
| R5-220773 | SR on ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest for RAN5#94e | China Unicom | noted |  |  |
| R5-220774 | Corrections to test procedures 4.9.26 and 4.9.27 | MCC TF160, ROHDE & SCHWARZ | agreed |  |  |
| R5-220775 | Update of MOP TC for PC2 ENDC configurations | China Unicom | revised |  | R5-221892 |
| R5-220776 | Update of PC2 DC\_8A-n78A Baseline Implementation Capabilities | China Unicom | agreed |  |  |
| R5-220777 | General updates of clause 5 for R16 new CBW configurations | China Unicom, ROHDE & SCHWARZ, Huawei, Hisilicon | revised |  | R5-221791 |
| R5-220778 | Correction of 4.1.1 on removal of lower humidity limit in NR test environment | Samsung R&D Institute UK, ZTE Corporation | revised |  | R5-221672 |
| R5-220779 | Update of test frequencies for n66 and asymmetric channel bandwidth combination set 1 | Ericsson | agreed |  |  |
| R5-220780 | Discussion on statistical testing | Huawei, HiSilicon | revised |  | R5-221639 |
| R5-220781 | Update to statistical testing | Huawei, HiSilicon | revised |  | R5-221683 |
| R5-220782 | Addition of summary table for MU factors | Huawei, HiSilicon | revised |  | R5-221746 |
| R5-220783 | Draft ITU-R document for IMT-2020 | Huawei, HiSilicon | noted |  |  |
| R5-220784 | Update to NR V2X test cases with non-concurrent operation | Huawei, HiSilicon | revised |  | R5-221818 |
| R5-220785 | Addition of 6.2E.2.2 MPR for concurrent opration | Huawei, HiSilicon | revised |  | R5-221819 |
| R5-220786 | TP analysis for 6.2E.2.2 MPR for concurrent opration | Huawei, HiSilicon | revised |  | R5-221829 |
| R5-220787 | Update to test applicability for V2X test cases | Huawei, HiSilicon | agreed |  |  |
| R5-220788 | Addition of V2X connection diagram | Huawei, HiSilicon | agreed |  |  |
| R5-220789 | Update to NR sidelink preconfiguration | Huawei, HiSilicon | revised |  | R5-221815 |
| R5-220790 | Update to GNSS configuration for NR sidelink | Huawei, HiSilicon | revised |  | R5-221816 |
| R5-220791 | Update to 6.2D.1 for ULFPTx | Huawei, HiSilicon | agreed |  |  |
| R5-220792 | Update to 6.2D.2 for ULFPTx | Huawei, HiSilicon | agreed |  |  |
| R5-220793 | Update to 6.2D.4 for ULFPTx | Huawei, HiSilicon | agreed |  |  |
| R5-220794 | TP analysis for 6.2D.1 for ULFPTx | Huawei, HiSilicon | agreed |  |  |
| R5-220795 | TP analysis for 6.2D.2 for ULFPTx | Huawei, HiSilicon | revised |  | R5-221841 |
| R5-220796 | Update to eMIMO demod test cases | Huawei, HiSilicon | agreed |  |  |
| R5-220797 | Addition of connection diagram for 16Tx | Huawei, HiSilicon | agreed |  |  |
| R5-220798 | Update to 5.5.5.0 FR2 BFD minimum requirements | Huawei, HiSilicon | agreed |  |  |
| R5-220799 | Addition of 5.5.5.6 FR2 SCell BFD in non-DRX for NSA | Huawei, HiSilicon | revised |  | R5-221833 |
| R5-220800 | Addition of 5.5.5.7 FR2 SCell BFD in DRX for NSA | Huawei, HiSilicon | revised |  | R5-221834 |
| R5-220801 | Update to 7.5.5.0 FR2 BFD minimum requirements | Huawei, HiSilicon | agreed |  |  |
| R5-220802 | Addition of 7.5.5.6 FR2 SCell BFD in non-DRX for SA | Huawei, HiSilicon | revised |  | R5-221835 |
| R5-220803 | Addition of 7.5.5.7 FR2 SCell BFD in DRX for SA | Huawei, HiSilicon | revised |  | R5-221836 |
| R5-220804 | Update to Annex E for eMIMO test cases | Huawei, HiSilicon | agreed |  |  |
| R5-220805 | Update to Annex F for eMIMO test cases | Huawei, HiSilicon | revised |  | R5-221837 |
| R5-220806 | Update to Annex H for eMIMO test cases | Huawei, HiSilicon | revised |  | R5-221838 |
| R5-220807 | Addition of TT analysis for FR2 BFR test cases | Huawei, HiSilicon | revised |  | R5-221840 |
| R5-220808 | Update to MAC-CellGroupConfig | Huawei, HiSilicon | agreed |  |  |
| R5-220809 | Addition of default DCI\_1\_2 for URLLC | Huawei, HiSilicon | revised |  | R5-221584 |
| R5-220810 | Addition of message exception to 7.1.1.4.1.5 | Huawei, HiSilicon | withdrawn |  |  |
| R5-220811 | Discussion on minimum test time for 1% residual BLER | Huawei, HiSilicon | revised |  | R5-221663 |
| R5-220812 | Addition of minimum test time for 1% residual BLER | Huawei, HiSilicon | revised |  | R5-221867 |
| R5-220813 | Update to 5.2.x.y.5 PDSCH with 1e-5 BLER | Huawei, HiSilicon | revised |  | R5-221860 |
| R5-220814 | Update to 5.2.x.y.6 PDSCH with repetitions over multiple slots | Huawei, HiSilicon | revised |  | R5-221861 |
| R5-220815 | Update to 5.2.x.y.7 PDSCH mapping type B | Huawei, HiSilicon | withdrawn |  |  |
| R5-220816 | Update to 5.2.2.y.8 PDSCH pre-emption | Huawei, HiSilicon | revised |  | R5-221862 |
| R5-220817 | Addition of 5.2.3.1.8 PDSCH pre-emption 4Rx FDD | Huawei, HiSilicon | revised |  | R5-221863 |
| R5-220818 | Addition of 5.2.3.2.8 PDSCH pre-emption 4Rx TDD | Huawei, HiSilicon | revised |  | R5-221864 |
| R5-220819 | Update to Annex F for URLLC test cases | Huawei, HiSilicon | revised |  | R5-221868 |
| R5-220820 | Adding testability description of 7.2.2.2.2 and 7.2.2.2.3 | Huawei, HiSilicon | agreed |  |  |
| R5-220821 | Addition of 7.2.2.2.2 FR2 PDSCH repetition | Huawei, HiSilicon | revised |  | R5-221865 |
| R5-220822 | Addition of 7.2.2.2.3 FR2 PDSCH mapping Type B | Huawei, HiSilicon | revised |  | R5-221866 |
| R5-220823 | Update to test applicability for URLLC test cases | Huawei, HiSilicon | agreed |  |  |
| R5-220824 | Addition of 5.1.41 inter-frequency DAPS handover | Huawei, HiSilicon | agreed |  |  |
| R5-220825 | Addition of test applicability of DAPS handover test cases | Huawei, HiSilicon | withdrawn |  |  |
| R5-220826 | Update to GNSS configuration for E-UTRA V2X | Huawei, HiSilicon | revised |  | R5-221914 |
| R5-220827 | Update to GNSS configuration for LTE aerial testing | Huawei, HiSilicon | revised |  | R5-221915 |
| R5-220828 | WP - Enhancements on MIMO for NR | Huawei, HiSilicon | noted |  |  |
| R5-220829 | SR - Enhancements on MIMO for NR | Huawei, HiSilicon | noted |  |  |
| R5-220830 | WP - NR URLLC | Huawei, HiSilicon | noted |  |  |
| R5-220831 | SR - NR URLLC | Huawei, HiSilicon | noted |  |  |
| R5-220832 | TP to TR 38.834 for Annex B MU tables | MVG Industries, Rohde & Schwarz | revised |  | R5-221623 |
| R5-220833 | WP UE Conformance Test Aspects - Rel-16 Private Network Support for NG-RAN | Qualcomm CDMA Technologies | noted |  |  |
| R5-220834 | SR UE Conformance Test Aspects - Rel-16 Private Network Support for NG-RAN | Qualcomm CDMA Technologies | noted |  |  |
| R5-220835 | WP UE Conformance Test Aspects - Rel-16 Optimisations on UE radio capability signalling – NR/E-UTRA | Qualcomm CDMA Technologies | noted |  |  |
| R5-220836 | SR UE Conformance Test Aspects - Rel-16 Optimisations on UE radio capability signalling – NR/E-UTRA | Qualcomm CDMA Technologies | noted |  |  |
| R5-220837 | Discussion paper for Rel-15 NR Tests Applicability on SNPN Only UE | Qualcomm CDMA Technologies | noted |  |  |
| R5-220838 | Revised WID - UE Conformance Test Aspects - Rel-16 Optimisations on UE radio capability signalling – NR/E-UTRA | Qualcomm CDMA Technologies | noted |  |  |
| R5-220839 | Correction to NR-DC RRC test case 8.2.3.11.3 | Qualcomm CDMA Technologies | revised |  | R5-221448 |
| R5-220840 | Correction to R16 eNS TC 9.1.10.6 | Qualcomm CDMA Technologies, Keysight Technologies UK, Anritsu Ltd | revised |  | R5-222007 |
| R5-220841 | Correction to R16 eNS TC 9.1.10.3 | Qualcomm CDMA Technologies, Anritsu Ltd, Ericsson | revised |  | R5-222008 |
| R5-220842 | Correction to R16 eNS TC 9.1.10.1 | Qualcomm CDMA Technologies, Keysight Technologies UK, Anritsu Ltd | revised |  | R5-222009 |
| R5-220843 | Correction to NR MDT test case 8.1.6.1.3.4 | Qualcomm CDMA Technologies, Anritsu Ltd | revised |  | R5-221580 |
| R5-220844 | Correction to NR MDT test case 8.1.6.1.3.7 | Qualcomm CDMA Technologies, Anritsu Ltd, Keysight Technologies UK | withdrawn |  |  |
| R5-220845 | Correction to NR MDT test case 8.1.6.1.4.8 | Qualcomm CDMA Technologies | withdrawn |  |  |
| R5-220846 | Editorial Updates to Clause. 4.4.3.1.2 for System information combination | Qualcomm CDMA Technologies | withdrawn |  |  |
| R5-220847 | Addition of test frequency n53 in Table 6.2.3.1-4 | Qualcomm CDMA Technologies | not pursued |  |  |
| R5-220848 | Correction to NR test case 11.3.2 | Qualcomm CDMA Technologies | withdrawn |  |  |
| R5-220849 | Editorial Updates to Clause 8.2 | Qualcomm CDMA Technologies | agreed |  |  |
| R5-220850 | Addition of new RACS PICS | Qualcomm CDMA Technologies | agreed |  |  |
| R5-220851 | Updates to Table 4.7.3-6 for "without N26 Interface" | Qualcomm CDMA Technologies | withdrawn |  |  |
| R5-220852 | Correction to IMS5GS test cases 7.21 | Qualcomm CDMA Technologies | withdrawn |  |  |
| R5-220853 | Correction of 4.1.1 on lower humidity limit in temperature test environment | Samsung R&D Institute UK, ZTE Corporation | revised |  | R5-221916 |
| R5-220854 | New MCVideo TC Selected Group Change of Targeted User CT | NIST | revised |  | R5-221552 |
| R5-220855 | New MCVideo TC Conference Event Package | NIST | revised |  | R5-221553 |
| R5-220856 | FR1/E-UTRA/UTRA OTA environment limitation | ROHDE & SCHWARZ | noted |  |  |
| R5-220857 | New MCVideo TC 6.3.2 Emergency Alert CT | NIST | revised |  | R5-221554 |
| R5-220858 | SR UE Conformance Test Aspects - Enhancements for Mission Critical Services MCPTT, MCData and MCVideo | NIST | noted |  |  |
| R5-220859 | WP UE Conformance Test Aspects - Enhancements for Mission Critical Services MCPTT, MCData and MCVideo | NIST | noted |  |  |
| R5-220860 | Introducing Rel-17 2 band CA configurations for n24 and n41 to clause 4.3.1 | Ligado Networks | agreed |  |  |
| R5-220861 | Introducing Rel-17 2 band CA configurations for n24 and n48 to clause 4.3.1 | Ligado Networks | agreed |  |  |
| R5-220862 | Introducing Rel-17 2 band CA configurations for n24 and n77 to clause 4.3.1 | Ligado Networks | agreed |  |  |
| R5-220863 | WP UE Conformance Test Aspects- SRVCC\_NR\_to\_UMTS | China Unicom | noted |  |  |
| R5-220864 | Introducing Rel-17 2 band CA configurations for n24 and n41 to clause A.4.3.2A.4.1 | Ligado Networks | agreed |  |  |
| R5-220865 | Introducing Rel-17 2 band CA configurations for n24 and n48 to clause A.4.3.2A.4.1 | Ligado Networks | agreed |  |  |
| R5-220866 | Introducing Rel-17 2 band CA configurations for n24 and n77 to clause A.4.3.2A.4.1 | Ligado Networks | agreed |  |  |
| R5-220867 | Introducing Rel-17 2 band CA configurations for n24 and n41 to clause 5 | Ligado Networks | withdrawn |  |  |
| R5-220868 | Introducing Rel-17 2 band CA configurations for n24 and n48 to clause 5 | Ligado Networks | withdrawn |  |  |
| R5-220869 | Introducing Rel-17 2 band CA configurations for n24 and n77 to clause 5 | Ligado Networks | withdrawn |  |  |
| R5-220870 | Updating MOP and Configured Tx Power TCs for CA\_n24A-n41A | Ligado Networks | agreed |  |  |
| R5-220871 | Updating MOP and Configured Tx Power TCs for CA\_n24A-n48A | Ligado Networks | agreed |  |  |
| R5-220872 | Updating MOP and Configured Tx Power TCs for CA\_n24A-n77A | Ligado Networks | agreed |  |  |
| R5-220873 | Updating reference sensitvity test requirement for CA combination of n24 and n41 | Ligado Networks | agreed |  |  |
| R5-220874 | Updating Delta\_RIB\_c and reference sensitvity test requirement for CA combination of n24 and n48 | Ligado Networks | agreed |  |  |
| R5-220875 | Updating Delta\_RIB\_c and reference sensitvity test requirement for CA combination of n24 and n77 | Ligado Networks | revised |  | R5-221879 |
| R5-220876 | General updates of clause 5 for R16 CADC configurations | China Unicom, Ericsson | revised |  | R5-221765 |
| R5-220877 | General updates of clause 5 for R17 CADC configurations | China Unicom, WE Certification, Dish Network, China Telecommunications, Ligado Networks | revised |  | R5-221881 |
| R5-220878 | General updates of clause 5 for R17 new CBW configurations | China Unicom, Huawei, Hisilicon | withdrawn |  |  |
| R5-220879 | Correction to NR SA FR1 cell re-selection for UE configured with highSpeedMeasFlag-r16 | Anritsu | revised |  | R5-221655 |
| R5-220880 | Add Test Tolerance analyses for NR SA FR1 cell re-selection for UE configured with highSpeedMeasFlag-r16 Test cases | Anritsu | revised |  | R5-221656 |
| R5-220881 | Correction to HST Demod TC 5.2.2.1.9\_1 - HST-SFN | Huawei,Hisilicon | withdrawn |  |  |
| R5-220882 | Common assumption for FR2 enhanced test methods | Anritsu | noted |  |  |
| R5-220883 | MU and TT proposal for FR2 EVM | Anritsu | revised |  | R5-221626 |
| R5-220884 | Discussion on the dynamic range issue for FR2 ON OFF time mask | Anritsu | revised |  | R5-221610 |
| R5-220885 | Correction of general ON OFF time mask | Anritsu | revised |  | R5-221687 |
| R5-220886 | Correction of ON OFF time mask for inter-band EN-DC including FR2 | Anritsu | revised |  | R5-221699 |
| R5-220887 | Introduction of DL MU for FR2 absolute power tolerance | Anritsu | revised |  | R5-221627 |
| R5-220888 | Correction to FR2 absolute power tolerance MU and TT | Anritsu | revised |  | R5-221688 |
| R5-220889 | Discussion on test procedure for SCell drop issue | Anritsu | noted |  |  |
| R5-220890 | Correction to test channel bandwidth for n38 | Anritsu | withdrawn |  |  |
| R5-220891 | Correction to Rx test cases for n38 new CBW 25MHz and 30MHz | Anritsu | withdrawn |  |  |
| R5-220892 | Correction to note of general spurious emissions | Anritsu | revised |  | R5-221678 |
| R5-220893 | Correction to test procedure of SRS time mask | Anritsu | agreed |  |  |
| R5-220894 | Definition of MTSU and TT for Intra-band EN-DC additional spurious emissions test cases | Anritsu, DOCOMO Communications Lab. | revised |  | R5-221700 |
| R5-220895 | Correction to test procedure of FR1 EN-DC Spurious test for EN-DC only capable UE | Anritsu | revised |  | R5-221701 |
| R5-220896 | Definition of MTSU for 7.6B.3.3\_1.1 | Anritsu | agreed |  |  |
| R5-220897 | Correction to test requirement of DC\_xxA\_n41A in 6.5B.3.3.1 | Anritsu | revised |  | R5-221768 |
| R5-220898 | Correction to test requirement of 6.2.4 | Anritsu | revised |  | R5-221679 |
| R5-220899 | Correction to test requirement of NS\_27 in 6.2.3 | Anritsu | agreed |  |  |
| R5-220900 | Correction to test requirement of NS\_47 in 6.2.3 | Anritsu | agreed |  |  |
| R5-220901 | Correction to measurement timing for inter-band CA with FDD and TDD | Anritsu | revised |  | R5-221680 |
| R5-220902 | Correction to measurement timing for EN-DC combination with FDD and TDD | Anritsu | agreed |  |  |
| R5-220903 | Correction to test frequency range for n14 | Anritsu | revised |  | R5-221667 |
| R5-220904 | Correction to test frequency of EN-DC 28\_n51 in 7.3B.2.3 | Anritsu | agreed |  |  |
| R5-220905 | Correction to test CBW for Non-SUL carrier in 6.4C.2.2 | Anritsu | agreed |  |  |
| R5-220906 | Correction to test requirement of 6.5C.3.2 | Anritsu | agreed |  |  |
| R5-220907 | Editorial correction to SUL test cases | Anritsu | revised |  | R5-221681 |
| R5-220908 | Correction to test procedure of 6.4A.1.1 | Anritsu | agreed |  |  |
| R5-220909 | Correction to Annex H.1.2 | Anritsu | revised |  | R5-221710 |
| R5-220910 | Correction to TRS Configuration of 6.3.2.1.3 | Anritsu | agreed |  |  |
| R5-220911 | Correction to test procedure of 6.1.1.2 | Anritsu | agreed |  |  |
| R5-220912 | Correction to reference of test frequency in 6.3.1.x NR only test cases | Anritsu | agreed |  |  |
| R5-220913 | Correction to test procedure of SFTD measurement accuracy | Anritsu | revised |  | R5-221923 |
| R5-220914 | Correction to RMC for PUCCH format 1 test cases | Anritsu | agreed |  |  |
| R5-220915 | Correction to connection diagram and test configuration for Tx SUL test cases | Anritsu | agreed |  |  |
| R5-220916 | Addition of PRB-Id setting for RRM test cases | Anritsu | agreed |  |  |
| R5-220917 | Correction to test frequencies for performance test cases | Anritsu | revised |  | R5-221615 |
| R5-220918 | Correction to SRS configuration condition for FR1 timing test cases | Anritsu | agreed |  |  |
| R5-220919 | Correction to transmission slot in SRS time mask test case | Anritsu | agreed |  |  |
| R5-220920 | Correction to DRX setting of 8.4.2.9 | Anritsu | agreed |  |  |
| R5-220921 | Correction to message exception for handover test cases | Anritsu | agreed |  |  |
| R5-220922 | Correction to DRX setting of 4.6.4.5 and 6.6.4.5 | Anritsu | revised |  | R5-221859 |
| R5-220923 | Correction to BWP switch delay test cases | Anritsu | agreed |  |  |
| R5-220924 | Correction to message exception for 4.7.5.1 | Anritsu | agreed |  |  |
| R5-220925 | Correction to radioLinkMonitoringConfig for Scell | Anritsu | withdrawn |  |  |
| R5-220926 | Correction to message exception for 8.4.2.x with SSB index detection | Anritsu | revised |  | R5-221734 |
| R5-220927 | Correction to 6.3.2.3.1 NR SA FR1 RRC connection release with redirection | Anritsu | agreed |  |  |
| R5-220928 | Correction to NR-EUTRA and EUTRA-NR reselection with high speed | Anritsu | agreed |  |  |
| R5-220929 | Correction to message exception for 8.5.1.1 | Anritsu | agreed |  |  |
| R5-220930 | Correction to ssb-ResourceList for 5.3.2.2.2 | Anritsu | agreed |  |  |
| R5-220931 | Correction to SMTC configuration in 6.1.1.7 | Anritsu | agreed |  |  |
| R5-220932 | Correction to active BWP ID and TRS configuration in 6.5.6.1.1 | Anritsu | revised |  | R5-221925 |
| R5-220933 | Correction to T HARQ setting for 6.5.3.1 | Anritsu | agreed |  |  |
| R5-220934 | Correction to CSI-RS offset for 6.5.3.1 | Anritsu | revised |  | R5-221926 |
| R5-220935 | Correction to CSI report offset for 6.5.3.1 | Anritsu | revised |  | R5-221927 |
| R5-220936 | Editorial correction to 5.3.3.1.3 and 5.3.3.2.3 | Anritsu | agreed |  |  |
| R5-220937 | Correction to BWP configuration for 4.5.6.1.2 | Anritsu | revised |  | R5-221924 |
| R5-220938 | Correction to DRX setting of 6.6.1.7 | Anritsu | agreed |  |  |
| R5-220939 | Correction to message exception of 4.6.1.7 | Anritsu | agreed |  |  |
| R5-220940 | Correction to test procedure for 8.2.1.2 | Anritsu | agreed |  |  |
| R5-220941 | Correction to SIB1 message exceptions of 4.6.1.7 and 4.6.4.5 | Anritsu | agreed |  |  |
| R5-220942 | Addition of new test case 7.7.6.1 NR SA FR2 CSI-RS based CMR and no dedicated IMR configured and CSI-RS resource set with repetition off L1-SINR measurement accuracy | Sporton | agreed |  |  |
| R5-220943 | Addition of new test case 7.7.6.2 NR SA FR2 SSB based CMR and dedicated IMR L1-SINR measurement accuracy | Sporton | agreed |  |  |
| R5-220944 | Addition of new test case 7.7.6.3 NR SA FR2 CSI-RS based CMR and dedicated IMR L1-SINR measurement accuracy | Sporton | agreed |  |  |
| R5-220945 | Completion 4.5.5.5 including TT anaysis results | Sporton | revised |  | R5-221650 |
| R5-220946 | Completion 4.5.5.6 including TT anaysis results | Sporton | revised |  | R5-221651 |
| R5-220947 | Addition of cell configuration MU and TT for Enhancement on MIMO | Sporton | revised |  | R5-221652 |
| R5-220948 | Addition of test applicability for UE Enhancements on MIMO | Sporton | revised |  | R5-221831 |
| R5-220949 | Correct of conditions for Uplink Data Transfer and Unified Access Control | Sporton, Keysight, CATT, TDIA, SGS Wireless | revised |  | R5-221465 |
| R5-220950 | Addition of several NR CA combinations to FR1 inter-band configurations table | WE Certification Oy, DISH Network | revised |  | R5-221874 |
| R5-220951 | Correction of General Spurious emissions requirements for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | revised |  | R5-221769 |
| R5-220952 | Addition of applicability tables of several NR CA combinations to FR1 inter-band configurations | WE Certification Oy, DISH Network | revised |  | R5-221876 |
| R5-220953 | Addition of several CA combinations to Reference Sensitivity test case | WE Certification Oy, DISH Network | revised |  | R5-221880 |
| R5-220954 | Test point analysis for reference sensitivity for several CA combinations | WE Certification Oy, DISH Network | withdrawn |  |  |
| R5-220955 | Updates to IE UE Route Selection Policy Rules | CMCC | agreed |  |  |
| R5-220956 | Updates to IE Route Selection Descriptors | CMCC | revised |  | R5-221426 |
| R5-220957 | WP UE Conformance Test Aspects - Support of eCall over IMS for NR | Qualcomm Incorporated | noted |  |  |
| R5-220958 | SR UE Conformance Test Aspects - Support of eCall over IMS for NR | Qualcomm Incorporated | noted |  |  |
| R5-220959 | Update to Annex A.1.1 | Qualcomm Incorporated | withdrawn |  |  |
| R5-220960 | Addition of test frequency for DC\_7C\_n78A | Huawei, HiSilicon | agreed |  |  |
| R5-220961 | Addition of common uplink configuration for E-UTRA intra-band contiguous CA | Huawei, HiSilicon | agreed |  |  |
| R5-220962 | Addition of new test case 6.2B.1.3\_1 for Maximum Output Power for inter-band EN-DC with 3 uplink | Huawei, HiSilicon | revised |  | R5-221908 |
| R5-220963 | Addition of new test case 6.2B.4.1.3\_1 for Configured Output Power for inter-band EN-DC with 3 uplink | Huawei, HiSilicon | revised |  | R5-221909 |
| R5-220964 | Addition of annex F for test cases for EN-DC configurations with 3 uplink | Huawei, HiSilicon | revised |  | R5-221910 |
| R5-220965 | Addition of applicability for test cases for EN-DC with 3 uplink | Huawei, HiSilicon | agreed |  |  |
| R5-220966 | Discussion on test cases about EN-DC with 3UL (2CC LTE, 1CC NR) | Huawei, HiSilicon | noted |  |  |
| R5-220967 | Update of 6.2B.1.3 Maximum Output Power for Inter-Band EN-DC | Huawei, HiSilicon | agreed |  |  |
| R5-220968 | Update of 6.2B.4.1.3 Configured Output Power for Inter-Band EN-DC | Huawei, HiSilicon | agreed |  |  |
| R5-220969 | WP - Common RF requirement configured output power for EN-DC with 3 uplink CC and 2 different bands (2CC LTE, 1CC NR FR1) | Huawei, HiSilicon | noted |  |  |
| R5-220970 | SR - Common RF requirement configured output power for EN-DC with 3 uplink CC and 2 different bands (2CC LTE, 1CC NR FR1) | Huawei, HiSilicon | noted |  |  |
| R5-220971 | Update to A.2.1 for eCall over IMS | Qualcomm Incorporated | agreed |  |  |
| R5-220972 | Addition of test frequencies for Rel-16 EN-DC configurations | Huawei, Hisilicon, Orange | agreed |  |  |
| R5-220973 | Addition of physical baseline implementation capabilities for Rel-16 EN-DC configurations | Huawei, Hisilicon, Orange | agreed |  |  |
| R5-220974 | Correction to applicability for protocol testing for inter-band EN-DC configurations | Huawei, HiSilicon, China Unicom | agreed |  |  |
| R5-220975 | Addition of transmit power configuration for EN-DC reference sensitivity | Huawei, Hisilicon | revised |  | R5-221931 |
| R5-220976 | Correction to reference sensitivity for intra-band contiguous EN-DC | Huawei, Hisilicon | agreed |  |  |
| R5-220977 | Correction to Maximum Input Level for intra-band contiguous EN-DC | Huawei, Hisilicon | agreed |  |  |
| R5-220978 | Correction to Adjacent Channel Selectivity for intra-band contiguous EN-DC | Huawei, Hisilicon | agreed |  |  |
| R5-220979 | Update of Adjacent Channel Selectivity for intra-band non-contiguous EN-DC | Huawei, Hisilicon | agreed |  |  |
| R5-220980 | Correction to out-of-band blocking for intra-band contiguous EN-DC | Huawei, Hisilicon | agreed |  |  |
| R5-220981 | Update of Annex F for Adjacent Channel Selectivity for intra-band EN-DC | Huawei, Hisilicon | agreed |  |  |
| R5-220982 | Update of test point analysis for Adjacent Channel Selectivity for EN-DC within FR1 | Huawei, Hisilicon | agreed |  |  |
| R5-220983 | Update to applicability of test case 6.4 | Qualcomm Incorporated | withdrawn |  |  |
| R5-220984 | Update to applicability of NR EIEI test cases | Qualcomm Incorporated | revised |  | R5-222045 |
| R5-220985 | Addition of new IMS over 5GS TC 11.5 eCall over IMS / Automatic initiation / MSD transfer and 200 OK with ACK / SIP INFO request for MSD Update / Success / 5GS | Qualcomm Incorporated | revised |  | R5-221597 |
| R5-220986 | Update of 4.6.7.1 EN-DC FR1 CSI-RS based CMR and no dedicated IMR L1-SINR measurement in non-DRX | Huawei, HiSilicon | agreed |  |  |
| R5-220987 | Update of 4.6.7.2 EN-DC FR1 SSB based CMR and dedicated IMR L1-SINR measurement in DRX | Huawei, HiSilicon | revised |  | R5-221653 |
| R5-220988 | Update of 4.6.7.3 EN-DC FR1 CSI-RS based CMR and dedicated IMR L1-SINR measurement in DRX | Huawei, HiSilicon | agreed |  |  |
| R5-220989 | Update of 6.6.8.1 NR SA FR1 CSI-RS based CMR and no dedicated IMR L1-SINR measurement in DRX | Huawei, HiSilicon | agreed |  |  |
| R5-220990 | Update of 6.6.8.2 NR SA FR1 SSB based CMR and dedicated IMR L1-SINR measurement in non-DRX | Huawei, HiSilicon | revised |  | R5-221654 |
| R5-220991 | Update of 6.6.8.3 NR SA FR1 CSI-RS based CMR and dedicated IMR L1-SINR measurement in non-DRX | Huawei, HiSilicon | agreed |  |  |
| R5-220992 | Update of Annex for EN-DC FR1 L1-SINR measurement test cases | Huawei, HiSilicon | agreed |  |  |
| R5-220993 | Update of Annex for NR SA FR1 L1-SINR measurement test cases | Huawei, HiSilicon | agreed |  |  |
| R5-220994 | Addition of test tolerance analysis for 4.6.7.1 and 6.6.8.1 EN-DC and NR SA CSI-RS based L1-SINR measurement | Huawei, HiSilicon | agreed |  |  |
| R5-220995 | Addition of test tolerance analysis for 4.6.7.2 EN-DC SSB based L1-SINR measurement | Huawei, HiSilicon | agreed |  |  |
| R5-220996 | Addition of test tolerance analysis for 4.6.7.3 EN-DC CSI-RS based L1-SINR measurement | Huawei, HiSilicon | agreed |  |  |
| R5-220997 | Addition of test tolerance analysis for 6.6.8.2 NR SA SSB based L1-SINR measurement | Huawei, HiSilicon | agreed |  |  |
| R5-220998 | Addition of test tolerance analysis for 6.6.8.3 NR SA CSI-RS based L1-SINR measurement | Huawei, HiSilicon | agreed |  |  |
| R5-220999 | Addition of physical implementation capability for L1-SINR measurement | Huawei, HiSilicon, Sporton | revised |  | R5-221830 |
| R5-221000 | Addition of test applicability for L1-SINR measurement cases | Huawei, HiSilicon | revised |  | R5-221832 |
| R5-221001 | Correction to Annex H.3.6A RRC messages for L1-SINR measurement | Huawei, HiSilicon | agreed |  |  |
| R5-221002 | Update of RRM Test Cases for UE Enhancements on MIMO | Sporton | revised |  | R5-221839 |
| R5-221003 | Addition of new IMS over 5GS TC 11.6 eCall over IMS / Automatic initiation / MSD transfer and 200 OK with ACK / SIP INFO request for unsupported MSD / UE indicates unsuccessful in SIP INFO / 5GS | Qualcomm Incorporated | revised |  | R5-221598 |
| R5-221004 | Correction to applicability of FR2 intra-frequency measurement without DRX and BFD TCs | Huawei,Hisilicon | agreed |  |  |
| R5-221005 | Addition of PICs for FR2 CSI-RS based RLM | Huawei,Hisilicon | agreed |  |  |
| R5-221006 | UE capabilities for completed NR CA configurations CA\_n5A-n7A, CA\_n5A-n78A and CA\_n7A-n78A | Ericsson | agreed |  |  |
| R5-221007 | Addition of new IMS over 5GS TC 11.7 eCall only mode / Manual initiation / Emergency registration / Abnormal case / IM CN sends a 486 (Busy Here) / UE performs eCall in CS domain / UTRAN or GERAN / 5GS | Qualcomm Incorporated | revised |  | R5-221599 |
| R5-221008 | Editorial corrections for EditHelp comments s1 to s3 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221009 | Editorial corrections for EditHelp comments s4 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221010 | Editorial corrections to revert headers to h6 for s4 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221011 | Editorial corrections for EditHelp comments s5 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221012 | Editorial corrections to revert headers to h6 for s5 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221013 | Editorial corrections for EditHelp comments s6.1 to s6.3 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221014 | Editorial corrections for EditHelp comments s6.4 to s6.5 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221015 | Editorial corrections for EditHelp comments s7 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221016 | Editorial corrections for EditHelp comments s8 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221017 | Editorial corrections to revert headers to h6 for s8 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221018 | Editorial corrections for EditHelp comments Annexes | ROHDE & SCHWARZ | agreed |  |  |
| R5-221019 | New section for NE-DC RRM test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-221020 | Minimum requirements for EN-DC FR1 L1-RSRP test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-221021 | Minimum requirements for EN-DC FR2 L1-RSRP test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-221022 | New test case 5.7.4.1 | ROHDE & SCHWARZ | revised |  | R5-221723 |
| R5-221023 | New test case 5.7.4.2 | ROHDE & SCHWARZ | revised |  | R5-221724 |
| R5-221024 | Correct message contents reference iRAT | ROHDE & SCHWARZ | agreed |  |  |
| R5-221025 | Add auxiliary band for n39 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221026 | Corrections to 5.7.x.x | ROHDE & SCHWARZ | agreed |  |  |
| R5-221027 | Corrections to 8.4.2.4 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221028 | Corrections to 8.2.1.1 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221029 | Corrections to 8.5.2.2.1 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221030 | Corrections to 6.7.x.x | ROHDE & SCHWARZ | revised |  | R5-221726 |
| R5-221031 | Correction reportAmount for B2 report | ROHDE & SCHWARZ | agreed |  |  |
| R5-221032 | Updates to CSI-ReportConfig for FR2 | ROHDE & SCHWARZ | revised |  | R5-221739 |
| R5-221033 | Corrections to message contents for 8.4.2.3 and 8.4.2.4 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221034 | Update report config for iRAT test cases | ROHDE & SCHWARZ | revised |  | R5-221740 |
| R5-221035 | Text Proposal to update 5.4.2 and 5.4.3 | ROHDE & SCHWARZ | approved |  |  |
| R5-221036 | Addition of new IMS over 5GS TC 11.8 eCall only mode / Automatic initiation / Emergency registration / Abnormal case / IM CN sends a 600 (Busy Everywhere) / UE performs eCall in CS domain / UTRAN or GERAN / 5GS | Qualcomm Incorporated | revised |  | R5-222001 |
| R5-221037 | Corrections to TC 10.3 | ROHDE & SCHWARZ | revised |  | R5-221487 |
| R5-221038 | Addition of new PIXIT parameter for NR EIEI | Qualcomm Incorporated | revised |  | R5-221596 |
| R5-221039 | Discussion on handling TxD test cases | Huawei, HiSilicon | revised |  | R5-221666 |
| R5-221040 | Applicability updates for NR EIEI test cases | Qualcomm Incorporated | agreed |  |  |
| R5-221041 | Updates to Inter-System MDT test cases 8.1.6.3.1.x | MCC TF160 | agreed |  |  |
| R5-221042 | Updates to Inter-System MDT test cases 8.1.6.3.2.x | MCC TF160, MediaTek Inc., Huawei, HiSilicon | revised |  | R5-221581 |
| R5-221043 | Updates to Inter-System MDT test cases 8.1.6.3.3.x | MCC TF160, MediaTek Inc. | revised |  | R5-221582 |
| R5-221044 | Updates to Inter-System MDT test cases 8.1.6.3.4.x | MCC TF160, MediaTek Inc. | revised |  | R5-221583 |
| R5-221045 | Updates to titles of Inter-System MDT sensor test cases | MCC TF160 | agreed |  |  |
| R5-221046 | Addition of 6.5.2.3 on new CBW to A-SEM for NS\_04 | ZTE Corporation | agreed |  |  |
| R5-221047 | Addition of A.4.3.2B.2.3.7 for DC\_3A-42D\_n257A and DC\_3A-42E\_n257A | ZTE Corporation | agreed |  |  |
| R5-221048 | Correction of 4.0 for tested DC configuration selection criteria | ZTE Corporation | agreed |  |  |
| R5-221049 | Correction of 4.3.1.1.5.48 for test frequencies of CA\_n48\_2A | ZTE Corporation | revised |  | R5-221757 |
| R5-221050 | Correction of 4.3.1.2.4.4.2 for test frequencies for CA\_n260\_A-I | ZTE Corporation | revised |  | R5-221668 |
| R5-221051 | Correction of 6.2A.1 for UE maximum output power for CA | ZTE Corporation | agreed |  |  |
| R5-221052 | Correction of 6.2A.2 on UE MPR for CA | ZTE Corporation | agreed |  |  |
| R5-221053 | Correction of 6.2B.1.1 for intra-band contiguous EN-DC maximum output power | ZTE Corporation | agreed |  |  |
| R5-221054 | Correction of A.4.3.2B.2 for intra-band contiguous and non-contiguous EN-DC | ZTE Corporation | agreed |  |  |
| R5-221055 | Correction of A.4.3.2B.2.3.4 for supported inter-band EN-DC configurations within FR1 | ZTE Corporation | agreed |  |  |
| R5-221056 | Removal of supported BCS for inter-band EN-DC configurations including FR1 and FR2 | ZTE Corporation | agreed |  |  |
| R5-221057 | Removal of supported BCS for inter-band EN-DC configurations including FR2 | ZTE Corporation | agreed |  |  |
| R5-221058 | Removal of supported BCS for inter-band EN-DC configurations within FR1 | ZTE Corporation | agreed |  |  |
| R5-221059 | Update of 3.2 and 3.3 on symbols and abbreviations | ZTE Corporation | revised |  | R5-221706 |
| R5-221060 | Update of 6.2A.1 for UE maximum output power | ZTE Corporation | agreed |  |  |
| R5-221061 | Update of 6.2.3 for UE maximum output power with additional requirements | ZTE Corporation | agreed |  |  |
| R5-221062 | Update of 6.2A.2 for UE maximum output power reduction for CA | ZTE Corporation | revised |  | R5-221766 |
| R5-221063 | Update of 6.2A.4 for configured transmitted power for CA | ZTE Corporation | agreed |  |  |
| R5-221064 | Update of A.4.3.9 for Additional capabilities for UE declared capability | ZTE Corporation | revised |  | R5-221674 |
| R5-221065 | Discussion on the naming of meeting handling | ZTE Corporation | withdrawn |  |  |
| R5-221066 | Discussion on the lower humidity limit in temperature test environment | ZTE Corporation, Samsung R&D Institute UK | noted |  |  |
| R5-221067 | Updates to LTE audit TC 8.5.4.1 | MCC TF160 | revised |  | R5-221405 |
| R5-221068 | Addition of new NR EIEI test case 11.5.5 | Qualcomm Incorporated | revised |  | R5-221595 |
| R5-221069 | Correction to test case name of TC 9.1.10.3 and TC 9.1.10.4 | Tejet | revised |  | R5-222010 |
| R5-221070 | USIM configurations for NR EIEI test cases | Qualcomm Incorporated | agreed |  |  |
| R5-221071 | WP - Transparent Tx Diversity (TxD) for NR | Huawei, HiSilicon | noted |  |  |
| R5-221072 | SR - Transparent Tx Diversity (TxD) for NR | Huawei, HiSilicon | noted |  |  |
| R5-221073 | Update to EIEI test case 11.3.2 | Qualcomm Incorporated | agreed |  |  |
| R5-221074 | Update to EIEI test case 11.3.6 | Qualcomm Incorporated | agreed |  |  |
| R5-221075 | Addition of applicability for RACS test cases | Qualcomm Incorporated | agreed |  |  |
| R5-221076 | Addition of new RACS test case 9.2.5.1 | Qualcomm Incorporated | agreed |  |  |
| R5-221077 | Update of MDT TC 8.1.6.3.3.1 | MediaTek Inc. | revised |  | R5-221395 |
| R5-221078 | Update of MDT TC 8.1.6.3.4.1 | MediaTek Inc. | revised |  | R5-221396 |
| R5-221079 | Addition of new RACS test case 9.2.5.2 | Qualcomm Incorporated | revised |  | R5-221543 |
| R5-221080 | Update of TC 7.1.3.5.6 for PDCP Duplication 3 RLC entities in NR IIoT | CMCC, MCC TF160 | revised |  | R5-221494 |
| R5-221081 | Addition of new RACS test case 9.2.5.3 | Qualcomm Incorporated | agreed |  |  |
| R5-221082 | Correction of MCPTT Test Case 6.2.2 | UPV/EHU, Nemergent Solutions | withdrawn |  |  |
| R5-221083 | Correction of MCPTT Test Case 6.1.1.17 | UPV/EHU, Nemergent Solutions | withdrawn |  |  |
| R5-221084 | RACS updates to default message content of Attach and TAU accept messages | Qualcomm Incorporated | agreed |  |  |
| R5-221085 | Addition of predefined UE capability message container for test function Set UL Message | Qualcomm Incorporated | revised |  | R5-221542 |
| R5-221086 | Update of network requested CA band combination test cases 8.5.4.2 and 8.5.4.3 | Qualcomm Incorporated | revised |  | R5-221544 |
| R5-221087 | Correction to NR URLLC MAC Test Case 7.1.1.4.1.5 | Lenovo, Motorola Mobility, Huawei, HiSilicon, MCC TF160 | revised |  | R5-221586 |
| R5-221088 | Addition of new NR URLLC MAC Test Case for DL Grant Prioritisation | Lenovo, Motorola Mobility | revised |  | R5-221587 |
| R5-221089 | Addition of new NR URLLC MAC Test Case for UL Data prioritisation | Lenovo, Motorola Mobility | revised |  | R5-221588 |
| R5-221090 | Addition of new NR URLLC MAC Test Case applicabilities | Lenovo, Motorola Mobility | revised |  | R5-221590 |
| R5-221091 | Addition of new PICS for URLLC | Lenovo, Motorola Mobility | revised |  | R5-221585 |
| R5-221092 | Correction to NR URLLC MAC Test Case 7.1.1.4.2.6 | Lenovo, Motorola Mobility, MCC TF160 | withdrawn |  |  |
| R5-221093 | Correction to Rel16 eNS EPS Mobility Management test case | Lenovo, Motorola Mobility, MCC TF160 | revised |  | R5-222011 |
| R5-221094 | Introduce and update PICS | Lenovo, Motorola Mobility, Qualcomm, Rhode & Schwarz | revised |  | R5-221428 |
| R5-221095 | Addition of new SNPN test case for EAP based primary authentication and key agreement | Lenovo, Motorola Mobility | revised |  | R5-221534 |
| R5-221096 | Addition of applicability for new SNPN test cases | Lenovo, Motorola Mobility | revised |  | R5-221535 |
| R5-221097 | Addition of new NR V2X PC5 RRC reconfiguration failure / Initiating UE side | Lenovo, Motorola Mobility | revised |  | R5-221524 |
| R5-221098 | Addition of new NR V2X PC5 RRC reconfiguration failure / Peer UE side test case | Lenovo, Motorola Mobility | revised |  | R5-221525 |
| R5-221099 | Addition of new NR V2X Sidelink radio link failure / Transmission side test case | Lenovo, Motorola Mobility | revised |  | R5-221526 |
| R5-221100 | Addition of applicability for new V2X test cases | Lenovo, Motorola Mobility | revised |  | R5-221528 |
| R5-221101 | Misc. updates to MC client test cases | MCC TF160 | agreed |  |  |
| R5-221102 | Applicability updates for NR RACS test cases | Qualcomm Incorporated, Keysight, Anritsu | revised |  | R5-221541 |
| R5-221103 | Addition of new RACS test case 9.1.9.4 | Qualcomm Incorporated | revised |  | R5-221539 |
| R5-221104 | Addition of new USIM configuration for RACS test case | Qualcomm Incorporated | agreed |  |  |
| R5-221105 | Correction to NR testcase 8.1.5.2.2 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221106 | Correcting test applicabilities for MIMO test cases | Huawei, Hisilicon | agreed |  |  |
| R5-221107 | Correcting to NR test case 6.2A.1 MOP for CA | Huawei, Hisilicon | agreed |  |  |
| R5-221108 | Updating message contents for REFSENS for 2DL CA exceptions testing | Huawei, Hisilicon | revised |  | R5-221930 |
| R5-221109 | Updating test case 6.2.3 AMPR for NS\_03 and NS\_03U | Huawei, Hisilicon | agreed |  |  |
| R5-221110 | Correction to PDCCH DCI format for FR2 test cases | Huawei, Hisilicon | revised |  | R5-221690 |
| R5-221111 | Editorial correction to titles of FR2 test cases | Huawei, Hisilicon | agreed |  |  |
| R5-221112 | Update to test applicability to FR2 test cases | Huawei, Hisilicon | agreed |  |  |
| R5-221113 | Updating General Spurious testing for CA\_n41A-n79A | Huawei, Hisilicon | agreed |  |  |
| R5-221114 | Updating A-MPR for CA testing for CA\_n41A-n79A | Huawei, Hisilicon | agreed |  |  |
| R5-221115 | Updating TP analysis for FR1 AMPR for CA\_n41A-n79A testing | Huawei, Hisilicon | agreed |  |  |
| R5-221116 | Updating minimum requirements for test case 6.2.3 AMPR | Huawei, Hisilicon | agreed |  |  |
| R5-221117 | Updating test case Additional spurious emissions for NS\_46 | Huawei, Hisilicon, Bureau Veritas | agreed |  |  |
| R5-221118 | Updating test case AMPR for MIMO | Huawei, Hisilicon | revised |  | R5-221794 |
| R5-221119 | Updating UTRA ACLR for UL MIMO Rel-16 onward for NS\_100 | Huawei, Hisilicon | agreed |  |  |
| R5-221120 | Updating Additional spurious emissions for UL MIMO Rel-16 onward for several bands | Huawei, Hisilicon | agreed |  |  |
| R5-221121 | Updating 6.1A for intra-band contiguous CA Outer1 RB allocation | Huawei, Hisilicon | agreed |  |  |
| R5-221122 | Updating test case 6.2A.2 MPR for intra-band non-contiguous CA | Huawei, Hisilicon | agreed |  |  |
| R5-221123 | Updating TP analysis for FR1 MPR for intra-band CA test case | Huawei, Hisilicon | agreed |  |  |
| R5-221124 | Updating Absolute power tolerance for intra-band non-contiguous CA | Huawei, Hisilicon | revised |  | R5-221795 |
| R5-221125 | Updating TP analysis for FR1 Absolute power tolerance CA test case | Huawei, Hisilicon | agreed |  |  |
| R5-221126 | Updating FR1 ACLR for intra-band CA test case | Huawei, Hisilicon | revised |  | R5-221796 |
| R5-221127 | Updating TP analysis for FR1 ACLR for intra-band CA test case | Huawei, Hisilicon | agreed |  |  |
| R5-221128 | Updating FR1 Spectrum emission mask for intra-band CA test case | Huawei, Hisilicon | agreed |  |  |
| R5-221129 | Updating TP analysis for FR1 SEM for intra-band CA test case | Huawei, Hisilicon | agreed |  |  |
| R5-221130 | Updating Relative power control tolerance testing for intra-band CA | Huawei, Hisilicon | agreed |  |  |
| R5-221131 | Updating clause 5.2C for R17 SUL configurations | Huawei, Hisilicon | revised |  | R5-221882 |
| R5-221132 | Updating channel bandwidths for NR band n97 | Huawei, Hisilicon | agreed |  |  |
| R5-221133 | Updating test frequencies for NR band n97 | Huawei, Hisilicon | agreed |  |  |
| R5-221134 | Updating test frequencies for NR band n1 | Huawei, Hisilicon | revised |  | R5-221869 |
| R5-221135 | Discussion on Additional RF requirements for NS\_03U, NS\_05U and NS\_43U | Huawei, Hisilicon | noted |  |  |
| R5-221136 | Revised WID on UE Conformance - Additional NR bands for UL-MIMO in Rel-17 | Huawei, Hisilicon | endorsed |  |  |
| R5-221137 | New WID on UE Conformance - Introduction of FR2 FWA UE with maximum TRP of 23dBm for band n257 and n258 | Huawei, Hisilicon | revised |  | R5-221385 |
| R5-221138 | WP of New Rel-17 NR licensed bands and extension of existing NR bands | Huawei, Hisilicon | noted |  |  |
| R5-221139 | SR of New Rel-17 NR licensed bands and extension of existing NR bands | Huawei, Hisilicon | noted |  |  |
| R5-221140 | WP of Rel-17 NR CA and DC; and NR and LTE DC Configurations | Huawei, Hisilicon | noted |  |  |
| R5-221141 | SR of Rel-17 NR CA and DC; and NR and LTE DC Configurations | Huawei, Hisilicon | noted |  |  |
| R5-221142 | WP of Additional NR bands for UL-MIMO in Rel-17 | Huawei, Hisilicon | noted |  |  |
| R5-221143 | SR of Additional NR bands for UL-MIMO in Rel-17 | Huawei, Hisilicon | noted |  |  |
| R5-221144 | Update to maximum output power for UL CA Band combo 2A-46A | Qualcomm Tech. Netherlands B.V | agreed |  |  |
| R5-221145 | WP UE Conformance Test Aspects - NR performance requirement enhancement | Qualcomm CDMA Technologies | noted |  |  |
| R5-221146 | WP UE Conformance Test Aspects - Rel -16 for CLI handling for NR | Qualcomm CDMA Technologies | noted |  |  |
| R5-221147 | SR UE Conformance Test Aspects - Rel -16 for CLI handling for NR | Qualcomm CDMA Technologies | noted |  |  |
| R5-221148 | WP - 5G NR User Equipment (UE) Application Layer Data Throughput Performance | Qualcomm CDMA Technologies | noted |  |  |
| R5-221149 | SR - 5G NR User Equipment (UE) Application Layer Data Throughput Performance | Qualcomm CDMA Technologies | noted |  |  |
| R5-221150 | WP - UE Conformance Test Aspects for NR-based Access to Unlicensed Spectrum | Qualcomm CDMA Technologies | noted |  |  |
| R5-221151 | SR - UE Conformance Test Aspects for NR-based Access to Unlicensed Spectrum | Qualcomm CDMA Technologies | noted |  |  |
| R5-221152 | Applicability of NR perf enh WI test cases | Qualcomm CDMA Technologies | revised |  | R5-221852 |
| R5-221153 | Update to FR1 CA normal PDSCH test cases | Qualcomm CDMA Technologies | agreed |  |  |
| R5-221154 | Update to FR1 CA power imbalance test cases | Qualcomm CDMA Technologies | agreed |  |  |
| R5-221155 | Update to FR2 CA normal PDSCH test cases | Qualcomm CDMA Technologies | agreed |  |  |
| R5-221156 | Introduction of FR1 CA SDR test case | Qualcomm CDMA Technologies | revised |  | R5-221846 |
| R5-221157 | Introduction of FR1 CA CQI reporting test case | Qualcomm CDMA Technologies | withdrawn |  |  |
| R5-221158 | Update to RRM test case with CDRX | Qualcomm CDMA Technologies | revised |  | R5-221725 |
| R5-221159 | Update of predicted SNR upper bound for noise free SDR scenarios | Qualcomm CDMA Technologies | revised |  | R5-221747 |
| R5-221160 | Editorial update to PBCH demod requirements section | Qualcomm CDMA Technologies | revised |  | R5-221707 |
| R5-221161 | Test procedure update to L2NR Cell reselection test case | Qualcomm CDMA Technologies | revised |  | R5-221735 |
| R5-221162 | Update to FR1 SA Scell activation and deactivation test case | Qualcomm CDMA Technologies | revised |  | R5-221928 |
| R5-221163 | Update to testability of test requirements due to achievable SNR improvements | Qualcomm CDMA Technologies | revised |  | R5-221708 |
| R5-221164 | Discussion on fading crest factor | Qualcomm CDMA Technologies | revised |  | R5-221628 |
| R5-221165 | Update to NZP CSI-RS power control offset IE for Demod scenarios | Qualcomm CDMA Technologies | withdrawn |  |  |
| R5-221166 | FR1 NSA SDR message contents update | Qualcomm CDMA Technologies | revised |  | R5-221709 |
| R5-221167 | Update to Ciphering algo IE for FR1 NSA SDR | Qualcomm CDMA Technologies | agreed |  |  |
| R5-221168 | Discussion on minimum test time for HST Demod scenarios | Qualcomm CDMA Technologies | revised |  | R5-221662 |
| R5-221169 | Update to HST Demod test cases | Qualcomm CDMA Technologies | revised |  | R5-221855 |
| R5-221170 | Addition of 6.2B.2.3a MPR for inter-band NE-DC within FR1 | CMCC | agreed |  |  |
| R5-221171 | Addition of 6.4B.2.3a.4 EVM Equalizer Flatness for inter-band NE-DC within FR1 | CMCC | agreed |  |  |
| R5-221172 | Addition of 6.2B.4.2.3a TIB,c for Inter-band NE-DC within FR1 | CMCC | agreed |  |  |
| R5-221173 | Update Rx test cases for DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C | CMCC | withdrawn |  |  |
| R5-221174 | Correction to NR URLLC MAC Test Case 7.1.1.4.2.6 | Lenovo, Motorola Mobility | revised |  | R5-221589 |
| R5-221175 | TP to TR 38.834 on MU General section and descriptions | ROHDE & SCHWARZ, MVG Industries | revised |  | R5-221624 |
| R5-221176 | Introduction of test frequencies for NR CA configurations CA\_n5A-n7A, CA\_n5A-n78A and CA\_n7A-n78A | Ericsson | agreed |  |  |
| R5-221177 | Update to Inter Band UL CA Band combo 2A-46A | Qualcomm Tech. Netherlands B.V | agreed |  |  |
| R5-221178 | Correction to the BWP-DownlinkDedicated | MediaTek Inc., Rohde & Schwarz, Anritsu | revised |  | R5-221421 |
| R5-221179 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_1A\_n5A | Ericsson | revised |  | R5-221779 |
| R5-221180 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_1A\_n7A | Ericsson | revised |  | R5-221780 |
| R5-221181 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_3A\_n5A | Ericsson | revised |  | R5-221781 |
| R5-221182 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_7A\_n5A | Ericsson | revised |  | R5-221782 |
| R5-221183 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_28A\_n7A | Ericsson, Qualcomm | revised |  | R5-221783 |
| R5-221184 | Introduction of DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A, DC\_28A\_n7A to general spurious emission test case | Ericsson | revised |  | R5-221770 |
| R5-221185 | Introduction of DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A, DC\_28A\_n7A to UE co-existence spurious emission test case | Ericsson | revised |  | R5-221771 |
| R5-221186 | Introduction of test frequencies for DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A, DC\_28A\_n7A | Ericsson | agreed |  |  |
| R5-221187 | Correct message content for RLM-SSB Based FR2 5.5.1.1 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221188 | Correct message content for RLM-SSB Based FR2 5.5.1.2 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221189 | Correct message content for RLM-SSB Based FR2 5.5.1.3 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221190 | Correct message content for RLM-SSB Based FR2 5.5.1.4 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221191 | Correct message content for FR2 interruption | ROHDE & SCHWARZ | agreed |  |  |
| R5-221192 | Update on RRM issue #8 | ROHDE & SCHWARZ | noted |  |  |
| R5-221193 | Update of test points analysis per CA configuration Table | China Unicom | withdrawn |  |  |
| R5-221194 | WP UE Conformance Test Aspects - LTE-NR & NR-NR Dual Connectivity and NR CA enhancements | Nokia, Nokia Shanghai Bell | noted |  |  |
| R5-221195 | Update to test cases 11.1.1, 11.1.3, 11.1.4, 11.1.8 and 11.1.9 | MediaTek Inc. | revised |  | R5-221455 |
| R5-221196 | SR UE Conformance Test Aspects - LTE-NR & NR-NR Dual Connectivity and NR CA enhancements | Nokia, Nokia Shanghai Bell | noted |  |  |
| R5-221197 | New testcase for Idle/Inactive measurements on NR cells in RRC\_INACTIVE state with configuration through SIB11 | Nokia, Nokia Shanghai Bell | revised |  | R5-222003 |
| R5-221198 | Addition of CBW 70MHz into TC 6.5D | China Unicom | agreed |  |  |
| R5-221199 | New testcase for Idle/Inactive measurements on E-UTRA cells in RRC\_INACTIVE state with configuration through SIB11 | Nokia, Nokia Shanghai Bell | revised |  | R5-222004 |
| R5-221200 | Addition of CBW 70MHz into Rx TCs | China Unicom | agreed |  |  |
| R5-221201 | Update for the signal conditions for FR2 test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-221202 | New NR RSTD test case 14.2.1 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221203 | New NR RSTD test case 14.2.2 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221204 | New NR RSTD test case 14.3.1 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221205 | New NR RSTD test case 14.3.2 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221206 | New NR PRS-RSRP test case 16.2.1 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221207 | New NR PRS-RSRP test case 16.2.2 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221208 | New NR PRS-RSRP test case 16.3.1 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221209 | Updating MPR minimum requirement for NR band n97 | Huawei, Hisilicon | agreed |  |  |
| R5-221210 | Update MOP for Intra-band contiguous CA | CMCC, CT | revised |  | R5-221900 |
| R5-221211 | Update MOP for Intra-band non-contiguous CA | CMCC, CT | revised |  | R5-221901 |
| R5-221212 | Addition of new CADC MPR TC 6.2B.2.4\_1.1 | Intertek | revised |  | R5-221772 |
| R5-221213 | Addition of applicability for CADC MPR TC 6.2B.2.4\_1.1 | Intertek | agreed |  |  |
| R5-221214 | Update IE RadioBearerConfig | Ericsson | withdrawn |  |  |
| R5-221215 | On the LS response to ITU-R on Generic unwanted emission (IMT-2020) | Ericsson | noted |  |  |
| R5-221216 | Editorial update for IMS emergency service applicability | Ericsson | revised |  | R5-221407 |
| R5-221217 | Update for IMS emergency service applicability | Ericsson | revised |  | R5-221469 |
| R5-221218 | Updates to IMS security applicabilities | Ericsson | agreed |  |  |
| R5-221219 | Update of XCAP test case Preambles | Ericsson | revised |  | R5-221488 |
| R5-221220 | Updates to test case 7.1.4.42 | Ericsson | revised |  | R5-222016 |
| R5-221221 | Updates to test case 8.5.4.1 | Ericsson | agreed |  |  |
| R5-221222 | NE-DC support for UECapabilityEnquiry and UECapabilityInformation messages | Ericsson | revised |  | R5-221422 |
| R5-221223 | Update to test case 11.6.1 | Ericsson | revised |  | R5-221461 |
| R5-221224 | Update Connectivity NR to NR/5GC in clause 6 | Ericsson | withdrawn |  |  |
| R5-221225 | Update Connectivity NR to NR/5GC in clause 7 MAC | Ericsson | withdrawn |  |  |
| R5-221226 | Update Connectivity NR to NR/5GC in clause 7 PDCP | Ericsson | withdrawn |  |  |
| R5-221227 | Update Connectivity NR to NR/5GC in clause 7 RLC | Ericsson | withdrawn |  |  |
| R5-221228 | Update Connectivity NR to NR/5GC in clause 8.1.3 | Ericsson | withdrawn |  |  |
| R5-221229 | Update Connectivity NR to NR/5GC in clause 8.2.3 | Ericsson | withdrawn |  |  |
| R5-221230 | Update Connectivity NR to NR/5GC in clause 8.1.5 | Ericsson | withdrawn |  |  |
| R5-221231 | Update Connectivity NR to NR/5GC in clause 8.2.6 | Ericsson | withdrawn |  |  |
| R5-221232 | Update Connectivity NR to NR/5GC in clause 8.2.2 | Ericsson | withdrawn |  |  |
| R5-221233 | Update Connectivity NR to NR/5GC in clause 9.1.5 | Ericsson | withdrawn |  |  |
| R5-221234 | Update Connectivity NR to NR/5GC in clause 9.3.1 | Ericsson | withdrawn |  |  |
| R5-221235 | Update Connectivity NR to NR/5GC in clause 11.1 | Ericsson | withdrawn |  |  |
| R5-221236 | Update Connectivity NR to NR/5GC in clause 11.3 | Ericsson | withdrawn |  |  |
| R5-221237 | Update Connectivity NR to NR/5GC in clause 11.4 | Ericsson | withdrawn |  |  |
| R5-221238 | Adition of new test case 11.6.3 Data Off / SMSoIP | Ericsson | agreed |  |  |
| R5-221239 | Updates to test case 9.1.10.3 | Ericsson | withdrawn |  |  |
| R5-221240 | Updates to test case 9.1.10.4 | Ericsson | revised |  | R5-222012 |
| R5-221241 | Addition of applicability for new test case 11.6.3 | Ericsson | agreed |  |  |
| R5-221242 | Updates to emergency applicabilities and conditions | Ericsson | revised |  | R5-221466 |
| R5-221243 | Update IE RadioBearerConfig | Ericsson | withdrawn |  | - |
| R5-221244 | Addition of CA\_n1A-n3A into TC 6.2A | China Unicom | agreed |  |  |
| R5-221245 | New channel bandwidth for n25. UL-MIMO. | T-Mobile USA Inc., ROHDE & SCHWARZ | revised |  | R5-221788 |
| R5-221246 | New channel bandwidth for n25. refsens and UL-MIMO | T-Mobile USA Inc., ROHDE & SCHWARZ | revised |  | R5-221790 |
| R5-221247 | WP UE Conformance Test Aspects – Rel14 Enhanced Full Dimension MIMO for LTE | Ericsson | noted |  |  |
| R5-221248 | SR UE Conformance Test Aspects – Rel14 Enhanced Full Dimension MIMO for LTE | Ericsson | noted |  |  |
| R5-221249 | Discussion on acceptable clipping and testable SNR for FR2 demod | Ericsson | revised |  | R5-221614 |
| R5-221250 | Solutions for preventing SCell drop in RAN5 FR2 UL CA test cases | Ericsson | noted |  |  |
| R5-221251 | Introduction of NR-U OFF power test case | Ericsson | revised |  | R5-221894 |
| R5-221252 | Introduction of NR-U General ON/OFF time mask test case | Ericsson | revised |  | R5-221895 |
| R5-221253 | Discussion on Beam Peak Search procedure in case of intra-band DL CA | Keysight Technologies UK Ltd | revised |  | R5-221643 |
| R5-221254 | Update 4.5.7.1 test procedure | Keysight Technologies UK Ltd | agreed |  |  |
| R5-221255 | Update K1 value for RRM TDD FR1 30kHz RMC | Keysight Technologies UK Ltd | agreed |  |  |
| R5-221256 | Update number of HARQ processes for FDD | Keysight Technologies UK Ltd | agreed |  |  |
| R5-221257 | Update on number of measurement reports in 6.3.1.4 | Keysight Technologies UK Ltd | withdrawn |  |  |
| R5-221258 | 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 | revised |  | R5-221495 |
| R5-221259 | Update of R17 new CBW 45M into refsense TC | China Unicom, T-Mobile USA Inc., ROHDE & SCHWARZ, Anritsu | revised |  | R5-221870 |
| R5-221260 | On NF Methodologies for Low UL/High DL Power Test Cases | Keysight Technologies UK Ltd | revised |  | R5-221640 |
| R5-221261 | Update of mid test channel bandwidth for band n25 | ROHDE & SCHWARZ, T-Mobile USA Inc. | revised |  | R5-221787 |
| R5-221262 | Addition of CBHWs 25 MHz, 30 MHz, 40 MHz for n25 | ROHDE & SCHWARZ, T-Mobile USA Inc. | revised |  | R5-221789 |
| R5-221263 | Correction to FR1 UL RMCs | ROHDE & SCHWARZ, T-Mobile USA Inc. | revised |  | R5-221684 |
| R5-221264 | Correction of csi-ResourceConfigId | ROHDE & SCHWARZ | agreed |  |  |
| R5-221265 | Correction of DMRS-DownlinkConfig | ROHDE & SCHWARZ | agreed |  |  |
| R5-221266 | Correction of in-band emissions test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-221267 | Correction of SRS time mask test case | ROHDE & SCHWARZ | agreed |  |  |
| R5-221268 | Update of E-UTRA configuration | ROHDE & SCHWARZ | agreed |  |  |
| R5-221269 | Correction of ON OFF time mask test cases for FR2 | ROHDE & SCHWARZ | agreed |  |  |
| R5-221270 | On FR2 ON/OFF Time Mask | ROHDE & SCHWARZ | revised |  | R5-221612 |
| R5-221271 | Correction of maximum output power for CA test case | ROHDE & SCHWARZ | revised |  | R5-221919 |
| R5-221272 | Correction of NB-IoT test frequency for band 85 | ROHDE & SCHWARZ | revised |  | R5-221917 |
| R5-221273 | Modification of common test environment for EHC testing | Nokia, Nokia Shanghai Bell | revised |  | R5-221493 |
| R5-221274 | Applicability clauses for Idle Inactive measurement test cases | Nokia, Nokia Shanghai Bell | revised |  | R5-222002 |
| R5-221275 | Beam correspondence Measurement Uncertainties and test tolerances derivation | Keysight technologies UK Ltd | noted |  |  |
| R5-221276 | 38.521-2 Beam correspondence Measurement Uncertainties and test tolerances | Keysight technologies UK Ltd | revised |  | R5-221611 |
| R5-221277 | 38.903 Beam correspondence Measurement Uncertainties | Keysight technologies UK Ltd | revised |  | R5-221629 |
| R5-221278 | Discussion on LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest Work plan review to include dependencies with NR\_RF\_TxD-UEConTest work plan | Keysight technologies UK Ltd | revised |  | R5-221605 |
| R5-221279 | Discussion on HPUE\_PC1\_5\_n77\_n78-UEConTest Work plan review to include dependencies with NR\_RF\_TxD-UEConTest work plan | Keysight technologies UK Ltd | revised |  | R5-221607 |
| R5-221280 | Discussion on NR\_UE\_PC1\_5\_n79-UEConTest Work plan review to include dependencies with NR\_RF\_TxD-UEConTest work plan | Keysight technologies UK Ltd | revised |  | R5-221606 |
| R5-221281 | Discussion on Transparent Tx diversity work plan | Keysight technologies UK Ltd | revised |  | R5-221608 |
| R5-221282 | New testcase for Idle/Inactive measurements on NR cells in RRC\_INACTIVE state with configuration through RRCRelease | Nokia, Nokia Shanghai Bell | revised |  | R5-222005 |
| R5-221283 | New testcase for Idle/Inactive measurements on E-UTRA cells in RRC\_INACTIVE state with configuration through RRCRelease | Nokia, Nokia Shanghai Bell | revised |  | R5-222006 |
| R5-221284 | FR2 RRM test cases: Known Issue List | Ericsson | noted |  |  |
| R5-221285 | FR2 RRM test cases: Known Issue List - after RAN5\_94e | Ericsson | noted |  |  |
| R5-221286 | Test Tolerance analysis for E-UTRA - NR FR1 Cell reselection tests for HST | Ericsson | agreed |  |  |
| R5-221287 | Test Tolerance analysis for inter-frequency RRC re-establishment test case | Ericsson | agreed |  |  |
| R5-221288 | Test Tolerance analysis for inter-frequency RRC re-establishment test case | Ericsson | revised |  | R5-221644 |
| R5-221289 | Correction of RRM re-establishment test case 7.3.2.1.1 including Test Tolerance | Ericsson | agreed |  |  |
| R5-221290 | Correction of RRM re-establishment test case 7.3.2.1.2 including Test Tolerance | Ericsson | agreed |  |  |
| R5-221291 | Test Tolerance addition in Annex F for RRM FR2 re-establishment test cases | Ericsson | agreed |  |  |
| R5-221292 | Addition of Setup Diagram for RRM multicell 2x2 test cases | Ericsson | agreed |  |  |
| R5-221293 | Addition of Condition for FR1 DL Interruptions test cases applicability | Ericsson | revised |  | R5-221793 |
| R5-221294 | Addition of FR1 DL Interruptions test cases applicability | Ericsson | revised |  | R5-221797 |
| R5-221295 | Correction of RRM test cases applicability - Note 1 removal | Ericsson | agreed |  |  |
| R5-221296 | Addition of Idle Mode CA/DC Measurements test cases applicability | Ericsson | agreed |  |  |
| R5-221297 | Addition of Minimum conformance requirements for DL interruptions at switching between two uplink carriers | Ericsson | agreed |  |  |
| R5-221298 | Addition of UL switching test case 6.5.7.1 | Ericsson | agreed |  |  |
| R5-221299 | Addition of UL switching test case 6.5.7.2 | Ericsson | revised |  | R5-221798 |
| R5-221300 | Cell configuration mapping for UL switching test cases | Ericsson | agreed |  |  |
| R5-221301 | Addition of Idle mode CA/DC measurement test case 6.6.9.1 | Ericsson | agreed |  |  |
| R5-221302 | Addition of Idle Mode measurements of inter-RAT CA candidate cells for early reporting test case 6.6.15.1 | Ericsson | agreed |  |  |
| R5-221303 | Correction of clause 3 | Ericsson | revised |  | R5-221741 |
| R5-221304 | Correction of clause 3 | Ericsson | agreed |  |  |
| R5-221305 | Addition of Intra frequency conditional handover Test Case 5.1.47 | Ericsson | agreed |  |  |
| R5-221306 | Addition of Intra frequency conditional handover Test Case 5.1.48 | Ericsson | agreed |  |  |
| R5-221307 | Addition of Inter frequency conditional handover Test Case 5.1.49 | Ericsson | agreed |  |  |
| R5-221308 | Addition of Inter frequency conditional handover Test Case 5.1.50 | Ericsson | agreed |  |  |
| R5-221309 | Addition of Inter frequency conditional handover Test Case 5.1.51 | Ericsson | agreed |  |  |
| R5-221310 | Addition of Inter frequency conditional handover Test Case 5.1.52 | Ericsson | agreed |  |  |
| R5-221311 | Addition of cell configuration mapping for conditional handover test cases in Annex E | Ericsson | agreed |  |  |
| R5-221312 | Addition conditional handover test cases applicability | Ericsson | revised |  | R5-221800 |
| R5-221313 | TP analysis for ref sensitivity for DC\_2A\_n78A | Qualcomm Korea | agreed |  |  |
| R5-221314 | Update\_TP\_analysis for EVM | Qualcomm Korea, ROHDE & SCHWARZ | revised |  | R5-221750 |
| R5-221315 | Editorial correction for 6.5B.3.3 Spurious emission | Qualcomm Korea | revised |  | R5-221702 |
| R5-221316 | Update Rx Requirements for 4 Rel-17 ENDC combos | Verizon Switzerland AG, Qualcomm, Ericsson | revised |  | R5-221884 |
| R5-221317 | Update for 6.5B.4.2 Additional Spurious Emissions for Intra-band non-contiguous EN-DC | Qualcomm Korea | agreed |  |  |
| R5-221318 | Discussion on handling ETC for FR2 UE RF test scenarios | Apple Hungary Kft. | noted |  |  |
| R5-221319 | Discussion on applicability of FR2 single carrier Tx beam peak for UL MIMO Tx test cases | Qualcomm Finland RFFE Oy | noted |  |  |
| R5-221320 | TP analysis for ref sensitivity for 4 Rel-17 ENDC combos | Verizon Switzerland AG, Qualcomm, Ericsson | agreed |  |  |
| R5-221321 | Update for reference sensitivity for EN\_DC\_r15 | Qualcomm Korea | agreed |  |  |
| R5-221322 | Update for 6.5C.3.3 Additional spurious emissions for SUL | Qualcomm Korea | agreed |  |  |
| R5-221323 | Editorial correction to clause 6.5.3.2 and 6.5.3.3 | Qualcomm Korea | revised |  | R5-221682 |
| R5-221324 | Test Point analysis for FR2 Tx spur emission UL MIMO tests | Qualcomm Finland RFFE Oy | revised |  | R5-221751 |
| R5-221325 | Editorial Update for 6.2B.4.2.3.1 | Qualcomm Korea | agreed |  |  |
| R5-221326 | Update for 7.3B.2.0 Min Requirements of Ref sensitivity for EN-DC | Qualcomm Korea | revised |  | R5-221773 |
| R5-221327 | TP analysis for ref sensitivity for DC\_2A\_n66A | Qualcomm Korea | agreed |  |  |
| R5-221328 | Removing TP analysis editor note for FR2 Tx spur emission UL MIMO test case | Qualcomm Finland RFFE Oy | withdrawn |  |  |
| R5-221329 | Update Ref sense for r16 DC combos | Qualcomm Korea | agreed |  |  |
| R5-221330 | Introduction of UE capabilities for Rel-17 EN-DC configurations | Verizon Switzerland AG, Ericsson, Qualcomm | agreed |  |  |
| R5-221331 | Update for 7.3B.2 | Qualcomm Korea | revised |  | R5-221704 |
| R5-221332 | ETC for FR2 RF CA | Apple Hungary Kft. | revised |  | R5-221792 |
| R5-221333 | New EVM test case applicability | Qualcomm Korea, ROHDE & SCHWARZ | revised |  | R5-221913 |
| R5-221334 | Removing TP analysis editor note for FR2 Tx spur emission UL MIMO test case | Qualcomm Finland RFFE Oy | agreed |  |  |
| R5-221335 | Add\_UE capability enhancedUL-TransientPeriod | Qualcomm Korea, ROHDE & SCHWARZ | revised |  | R5-221911 |
| R5-221336 | Update for 6.4.2.1a EVM including symbols with transient period | Qualcomm Korea, ROHDE & SCHWARZ | revised |  | R5-221912 |
| R5-221337 | Addition of PC2 ENDC 4 combos into 38.521-3 TC7.3B.2 | Verizon Switzerland AG, Ericsson | agreed |  |  |
| R5-221338 | Update to Clause 7.6 Blocking Characteristics | Apple Hungary Kft. | agreed |  |  |
| R5-221339 | A-MPR updates for n77 | Verizon Switzerland AG, Nokia | agreed |  |  |
| R5-221340 | Update to Clause 7.5 Adjacent channel selectivity | Apple Hungary Kft. | revised |  | R5-221691 |
| R5-221341 | Update to Intra-band non-contiguous CA | Apple Hungary Kft. | agreed |  |  |
| R5-221342 | Revised WID on UE Conformance Test Aspects – LTE-NR & NR-NR Dual Connectivity and NR CA enhancements | Nokia, Nokia Shanghai Bell | noted |  | R5-222033 |
| R5-221343 | New MCVideo TC MBMS | NIST | revised |  | R5-221555 |
| R5-221344 | Addition of reference sensitivity checklist for CA reference sensitivity test point analysis | Ericsson | revised |  | R5-221752 |
| R5-221345 | Modification of test point analysis clause for FR1 NR CA | Ericsson, WE Certification Oy, DISH Network, China Unicom | revised |  | R5-221753 |
| R5-221346 | Avoiding Scell Drop in FR2 RF UL-CA tests | Apple Portugal | revised |  | R5-221630 |
| R5-221347 | CR to implement test function approach to avoid Scell Drop in FR2 UL-CA | Apple Portugal | revised |  | R5-221658 |
| R5-221348 | Addition of new test function to limit Pcell power | Apple Portugal | revised |  | R5-221659 |
| R5-221349 | Add new messages and procedure for test function to limit Pcell Power | Apple Portugal | revised |  | R5-221660 |
| R5-221350 | MSD test configurations modification for US inter-band CA combinations with n77 | Apple Portugal | revised |  | R5-221763 |
| R5-221351 | MSD test configurations modification for US inter-band EN-DC combinations with n77 | Apple Portugal | revised |  | R5-221885 |
| R5-221352 | FR2 Enhanced Beam Correspondence test updates | Apple Portugal | revised |  | R5-221889 |
| R5-221353 | Minimum Conformance Requirements updates to enhanced beam correspondence | Apple Portugal | revised |  | R5-221890 |
| R5-221354 | Update reference to intra-band non-contiguous UL-CA FR2 RF tests in Annex | Apple Portugal | agreed |  |  |
| R5-221355 | Editorial correction in intra-band non-contiguous configurations table | Apple Portugal | agreed |  |  |
| R5-221356 | Add correct test case structure to Beam Correspondence CA test case | Apple Portugal | agreed |  |  |
| R5-221357 | Introduce EIS test cases to incorporate Rel.16 inter-band CA | Apple Portugal | agreed |  |  |
| R5-221358 | CR on SRS IL for TxD | Apple Portugal | withdrawn |  |  |
| R5-221359 | Discussion on Internal Work Plan Structure for FR2 Enhanced Test Methods | Apple Portugal | revised |  | R5-221641 |
| R5-221360 | Draft internal Work Plan for FR2 Enhanced Test Methods | Apple Portugal | revised |  | R5-221642 |
| R5-221361 | Editorial update within channel raster section | Apple Portugal | agreed |  |  |
| R5-221362 | Update to Rel.16 EN-DC FR2 Band Combination Tables | Apple Portugal | withdrawn |  |  |
| R5-221363 | 38.522 applicability updates for Rel.16 FR2 RF enhancements | Apple Portugal | withdrawn |  |  |
| R5-221364 | Correction of RB allocation in LTE MPR CA test case | Apple Portugal | agreed |  |  |
| R5-221365 | Introduction of AMPR modification in n30 | Apple Portugal | withdrawn |  |  |
| R5-221366 | Introduce Test case for LTE PSCell addition and release in NE-DC | Apple Portugal | revised |  | R5-221714 |
| R5-221367 | Addition of NR SA CGI test for inter-RAT E-UTRA cell using autonomous gaps | Apple Portugal | withdrawn |  |  |
| R5-221368 | Correction to NR RRC test case 8.1.5.2.2 | Keysight Technologies UK | agreed |  |  |
| R5-221369 | Update to PUCCH resource counfiguration for Scell CSI | Qualcomm CDMA Technologies | agreed |  |  |
| R5-221370 | Update to PDSCH reference measurement channels for RRM test cases with DRX config | Qualcomm CDMA Technologies | agreed |  |  |
| R5-221371 | Adding new HST test cases | Ericsson | agreed | - | - |
| R5-221372 | WP - RF requirements for NR frequency range 1 (FR1) | Huawei, HiSilicon | noted | - | - |
| R5-221373 | SR - RF requirements for NR frequency range 1 (FR1) | Huawei, HiSilicon | noted | - | - |
| R5-221374 | RAN5#93-e WG Minutes | ETSI Secretariat | approved | R5-220003 | - |
| R5-221375 | Correction to NR TCs 7.1.3.4.3 and TC 7.1.3.4.4 - PDCP DAPS HO | Huawei, Hisilicon | revised | - | R5-222043 |
| R5-221376 | Agenda - opening session | WG Chairman | revised | R5-220000 | R5-221415 |
| R5-221377 | Addition of Test frequencies for NE-DC band configurations for signalling testing | CMCC | agreed | - | - |
| R5-221378 | MCC TF160 Status Report | MCC TF160 | approved | R5-220450 | - |
| R5-221379 | New WID on UE Conformance - Enhancement of data collection for SON and MDT in NR SA and MR-DC | CMCC | endorsed | R5-220102 | - |
| R5-221380 | New WID - UE Conformance - Enhancement of Network Slicing Phase 2 | CMCC, CATT | endorsed | R5-220164 | - |
| R5-221381 | New WID on UE Conformance – Support of reduced capability NR devices | China Unicom, Hisilicon, Ericsson, Huawei, Qualcomm | endorsed | R5-220173 | - |
| R5-221382 | New WID on UE Conformance - LTE/NR Multi-SIM devices | China Telecommunications,Vivo,CATT | endorsed | R5-220328 | - |
| R5-221383 | New WID on UE Conformance - NR coverage enhancements | China Telecom | endorsed | R5-220426 | - |
| R5-221384 | New WID on UE Conformance - NR Multicast and Broadcast Services including CT and SA aspects | Huawei, Hisilicon | endorsed | R5-220622 | - |
| R5-221385 | New WID on UE Conformance - Introduction of FR2 FWA UE with maximum TRP of 23dBm for band n257 and n258 | Huawei, Hisilicon | endorsed | R5-221137 | - |
| R5-221386 | Editorial update of section 6.7 in Rel-15 | MediaTek Inc. | agreed | - | - |
| R5-221387 | Corrections to A.9 | ROHDE & SCHWARZ | revised | - | R5-221489 |
| R5-221388 | Addition of UE co-existence requirements for band n18 | NTT DOCOMO INC., KDDI Corporation | withdrawn | - | - |
| R5-221389 | Correction to SIG test frequencies for intra-band non-contiguous CA | Huawei,Hisilicon, Starpoint | agreed | - | - |
| R5-221390 | Update of NR Immediate MDT TC 8.1.6.2.3 | MediaTek Inc. | withdrawn | - | - |
| R5-221391 | Correction to NR RRC test cases 8.2.1.1.1 and 8.2.1.1.2 | Keysight Technologies UK | agreed | - | - |
| R5-221392 | Correction to the NR5GC testcases 8.1.4.1.9.1, 8.1.4.1.9.2 and 8.1.4.1.9.3 | Rohde&Schwarz | agreed | - | - |
| R5-221393 | Update of NR Immediate MDT TC 8.1.6.2.3 | MediaTek Inc. | withdrawn | - | - |
| R5-221394 | Correction to NR5GC testcase 8.1.5.9.1 | Rohde&Schwarz | revised | - | R5-221540 |
| R5-221395 | Update of MDT TC 8.1.6.3.3.1 | MediaTek Inc. | withdrawn | R5-221077 | - |
| R5-221396 | Update of MDT TC 8.1.6.3.4.1 | MediaTek Inc. | withdrawn | R5-221078 | - |
| R5-221397 | Discussion on 5G NR CADC configuration handling in RAN5 | CMCC, Huawei, Hisilicon, Ericsson, China Unicom, China Telecom, Nokia, CAICT, Bureau Veritas, ZTE | noted | R5-220140 | - |
| R5-221398 | PRD21 v0.1.0 on NR bands and 5G NR CADC configuration handling in RAN5 | CMCC | noted | R5-220767 | - |
| R5-221399 | Summary of the documents for TR 38.918 | CMCC | noted | R5-220183 | - |
| R5-221400 | Update to test case 6.4 | Qualcomm Incorporated | revised | - | R5-222046 |
| R5-221401 | Addition of EHC function to the test loop mode A | Nokia, Nokia Shanghai Bell | agreed | - | - |
| R5-221402 | Correction to generic procedure 4.9.7 | Huawei,Hisilicon | withdrawn | - | - |
| R5-221403 | Addition of NR/WLAN Inter-RAT test model | MCC TF160 | agreed | R5-220458 | - |
| R5-221404 | Addition of test files to annex A | MCC TF160 | agreed | R5-220494 | - |
| R5-221405 | Updates to LTE audit TC 8.5.4.1 | MCC TF160 | agreed | R5-221067 | - |
| R5-221406 | Correction to NR TC 11.1.2-EPS Fallback with redirection without N26 | Huawei,Hisilicon | agreed | - | - |
| R5-221407 | Editorial update for IMS emergency service applicability | Ericsson | withdrawn | R5-221216 | - |
| R5-221408 | Update applicability for IMS emergency | Ericsson | withdrawn | R5-220176 | - |
| R5-221409 | Update applicability for test case G.19.1 | Ericsson | withdrawn | R5-220184 | - |
| R5-221410 | Editorial update of section 6.6.2 and 6.7 | MediaTek Inc. | agreed | R5-220113 | - |
| R5-221411 | Update to GEA2 Encryption applicability | Bureau Veritas | revised | - | R5-222025 |
| R5-221412 | Remove test case 8.1.6.1.3.6 | MediaTek Inc. | withdrawn | R5-220505 | - |
| R5-221413 | Update IE SDAP-Config | Ericsson | agreed | - | - |
| R5-221414 | Critical prose CRs list for protocol test cases at RAN5#94-e | TSG WG RAN5 | for email approval | - | - |
| R5-221415 | Agenda - opening session | WG Chairman | approved | R5-221376 | - |
| R5-221416 | LS on V2X PC5 link for unicast communication with null security algorithm | TSG WG RAN5 | revised | - | R5-222035 |
| R5-221417 | Correction to NR TC 11.4.10-N26 not supported - N1 to S1 transfer of an existing emergency PDU session | Huawei, Hisilicon | withdrawn | R5-220561 | - |
| R5-221418 | Removal of test case 11.4.10 - N26 not supported - N1 to S1 transfer of an existing emergency PDU session | Huawei, Hisilicon | agreed | - | - |
| R5-221419 | Update chapter 4.5.1 General | Ericsson | agreed | R5-220103 | - |
| R5-221420 | Correction to RRCReconfiguration message with condition REEST | ROHDE & SCHWARZ, MediaTek, Ericsson | agreed | R5-220652 | - |
| R5-221421 | Correction to the BWP-DownlinkDedicated | MediaTek Inc., Rohde & Schwarz, Anritsu | agreed | R5-221178 | - |
| R5-221422 | NE-DC support for UECapabilityEnquiry and UECapabilityInformation messages | Ericsson | agreed | R5-221222 | - |
| R5-221423 | Correction to IMS MO speech call establishment generic procedure | Keysight Technologies UK | agreed | R5-220298 | - |
| R5-221424 | Correction to test procedure 4.9.11 IMS Emergency call or eCall over IMS establishment in 5GC with IMS emergency registration | MediaTek Inc. | agreed | R5-220111 | - |
| R5-221425 | Correction to test procedure 4.9.12 IMS Emergency call or eCall over IMS establishment in 5GC without IMS emergency registration | MediaTek Inc., Anritsu | agreed | R5-220112 | - |
| R5-221426 | Updates to IE Route Selection Descriptors | CMCC | agreed | R5-220956 | - |
| R5-221427 | Introduction of common implementation conformance statements for NE-DC | CMCC | agreed | R5-220172 | - |
| R5-221428 | Introduce and update PICS | Lenovo, Motorola Mobility, Qualcomm, Rhode & Schwarz | agreed | R5-221094 | - |
| R5-221429 | Addition of test loop mode for NE-DC | ROHDE & SCHWARZ | agreed | R5-220265 | - |
| R5-221430 | Addition of test loop mode for NE-DC | ROHDE & SCHWARZ | agreed | R5-220266 | - |
| R5-221431 | Update of SIB modification steps for Idle TC 6.1.2.9, 6.1.2.18, 6.2.3.1 and 6.2.3.3 | MediaTek Inc. | agreed | R5-220187 | - |
| R5-221432 | Correction to Idle Mode SOR test case 6.3.1.5 | Keysight Technologies UK | agreed | R5-220301 | - |
| R5-221433 | Align the terminology being used for OTA environment (Idle Mode TCs) | ROHDE & SCHWARZ | agreed | R5-220391 | - |
| R5-221434 | Correction to NR-DC testcase 7.1.1.11.1 | ROHDE & SCHWARZ, Keysight, Qualcomm | agreed | R5-220640 | - |
| R5-221435 | Correction to NR SDAP test case 7.1.4.1 | Keysight Technologies UK, MCC TF160 | agreed | R5-220302 | - |
| R5-221436 | Align the terminology being used for OTA environment (RRC 8.1.1.x TCs) | ROHDE & SCHWARZ | agreed | R5-220393 | - |
| R5-221437 | Correction to NR test case 8.1.1.4.1 | ROHDE & SCHWARZ, TDIA, CATT, Spreadtrum | agreed | R5-220649 | - |
| R5-221438 | Correction to NR TC 8.1.2.1.1-RRC Reconfiguration | Huawei, Hisilicon | agreed | R5-220546 | - |
| R5-221439 | Align the terminology being used for OTA environment (RRC 8.1.3.x TCs) | ROHDE & SCHWARZ | agreed | R5-220394 | - |
| R5-221440 | Correction to NR RRC test case 8.1.4.1.2 | Keysight Technologies UK | agreed | R5-220288 | - |
| R5-221441 | Align the terminology being used for OTA environment (RRC 8.1.4.x TCs) | ROHDE & SCHWARZ | agreed | R5-220395 | - |
| R5-221442 | Correction to NR SA TC 8.1.4.1.7.x-SCell release | Huawei, Hisilicon | agreed | R5-220547 | - |
| R5-221443 | Addition of new test case 8.2.3.6.2 for Intra-frequency measurements Event A3 in NE-DC | CMCC | agreed | R5-220106 | - |
| R5-221444 | Addition of new test case 8.2.3.6.2a for Inter-frequency measurements Event A3 in NE-DC | CMCC | agreed | R5-220107 | - |
| R5-221445 | Addition of new test case 8.2.3.6.2b for Inter-band measurements Event A3 in NE-DC | CMCC | agreed | R5-220162 | - |
| R5-221446 | Correction to NR-DC RRC test case 8.2.3.14.2 | Keysight Technologies UK, Qualcomm | agreed | R5-220291 | - |
| R5-221447 | Align the terminology being used for OTA environment (RRC 8.2.3.x) | ROHDE & SCHWARZ | agreed | R5-220396 | - |
| R5-221448 | Correction to NR-DC RRC test case 8.2.3.11.3 | Qualcomm CDMA Technologies | agreed | R5-220839 | - |
| R5-221449 | Correction to NR testcases 8.2.4.1.1.1, 8.2.4.1.1.2 and 8.2.4.1.1.3 | ROHDE & SCHWARZ | agreed | R5-220662 | - |
| R5-221450 | Clarifications on 5G NR connectivity options for SIG | CMCC | agreed | R5-220277 | - |
| R5-221451 | Update of date for 5GC TC 9.1.4.1 | MediaTek Inc., Datang Linktester | agreed | R5-220114 | - |
| R5-221452 | Add test case 11.1.1a | Ericsson | agreed | R5-220268 | - |
| R5-221453 | Correction to NR TC 11.1.5-EPS Fallback from NR Connected without N26 | Huawei, Hisilicon, CATT, Datang Linktester | agreed | R5-220553 | - |
| R5-221454 | Correction to NR TC 11.1.6-EPS Fallback from NR Idle without N26 | Huawei, Hisilicon, CATT, Datang Linktester | agreed | R5-220554 | - |
| R5-221455 | Update to test cases 11.1.1, 11.1.3, 11.1.4, 11.1.8 and 11.1.9 | MediaTek Inc. | agreed | R5-221195 | - |
| R5-221456 | Correction to UAC test case 11.3.2 | Keysight Technologies UK | agreed | R5-220295 | - |
| R5-221457 | Correction to UAC test case 11.3.6 | Keysight Technologies UK, Qualcomm | agreed | R5-220296 | - |
| R5-221458 | Correction to TC 11.3.8 UAC / Access Identity 0 / NR RRC\_IDLE / Cell re-selection while T390 is running | CATT | withdrawn | R5-220325 | - |
| R5-221459 | Correction to NR TC 11.3.1-UAC for MO Speech Call and SMSoIP | Huawei, Hisilicon, CATT, Datang Linktester, MediaTek Inc. | agreed | R5-220555 | - |
| R5-221460 | Addition of new 5GS IMS test case 11.4.12 | NTT DOCOMO, INC. | agreed | R5-220403 | - |
| R5-221461 | Update to test case 11.6.1 | Ericsson | agreed | R5-221223 | - |
| R5-221462 | Update of 5G-NR test cases applicability | Qualcomm Incorporated | agreed | R5-220243 | - |
| R5-221463 | Addition of applicability for emergency call eatablishment over EPS with disabling N1 mode | NTT DOCOMO, INC. | agreed | R5-220404 | - |
| R5-221464 | Correction the condition of 38.523-1 TC11.3.2 and TC11.3.8 and Test case Selection Expression of C61 | SGS Wireless | agreed | R5-220668 | - |
| R5-221465 | Correct of conditions for Uplink Data Transfer and Unified Access Control | Sporton, Keysight, CATT, TDIA, SGS Wireless | agreed | R5-220949 | - |
| R5-221466 | Updates to emergency applicabilities and conditions | Ericsson | agreed | R5-221242 | - |
| R5-221467 | 5G Rel-15: Test Models updates | MCC TF160 | agreed | R5-220455 | - |
| R5-221468 | Add applicabilities for EVS B0 and A1 | Ericsson | agreed | R5-220194 | - |
| R5-221469 | Update for IMS emergency service applicability | Ericsson | agreed | R5-221217 | - |
| R5-221470 | Update test case 7.4a | Ericsson | agreed | R5-220155 | - |
| R5-221471 | Corrections to usage or non-usage of mode-set | ROHDE & SCHWARZ, Apple Inc | agreed | R5-220215 | - |
| R5-221472 | Corrections to TC 10.2 | ROHDE & SCHWARZ | agreed | R5-220217 | - |
| R5-221473 | Addition of IMS5GS test case 10.7 | ROHDE & SCHWARZ | agreed | R5-220218 | - |
| R5-221474 | Addition of IMS5GS TC 10.8 | ROHDE & SCHWARZ | agreed | R5-220219 | - |
| R5-221475 | Corrections to TC 7.24b | ROHDE & SCHWARZ, Huawei | agreed | R5-220222 | - |
| R5-221476 | Corrections to TC 8.38 | ROHDE & SCHWARZ | agreed | R5-220228 | - |
| R5-221477 | Corrections to TC 7.6 | ROHDE & SCHWARZ | agreed | R5-220232 | - |
| R5-221478 | Corrections to TC 8.8 | ROHDE & SCHWARZ | agreed | R5-220236 | - |
| R5-221479 | Corrections to TC 8.36 | ROHDE & SCHWARZ | agreed | R5-220237 | - |
| R5-221480 | Voiding unused test case numbers | ROHDE & SCHWARZ | agreed | R5-220239 | - |
| R5-221481 | Corrections to TC 7.20 | ROHDE & SCHWARZ, Huawei | agreed | R5-220245 | - |
| R5-221482 | Corrections to TC 7.21 | ROHDE & SCHWARZ | agreed | R5-220246 | - |
| R5-221483 | Correction of 5GS IMS test case 10.9 | NTT DOCOMO, INC. | agreed | R5-220402 | - |
| R5-221484 | Correction to NR IMS TC 7.21-MTSI MT Voice Call to add video and remove video without preconditions | Huawei, Hisilicon | agreed | R5-220563 | - |
| R5-221485 | Correction to NR IMS TC 7.23-MTSI MT Voice Call to add video and remove video without preconditions | Huawei, Hisilicon | agreed | R5-220564 | - |
| R5-221486 | Correction to NR IMS TC 8.40-User initiated USSI | Huawei, Hisilicon | agreed | R5-220566 | - |
| R5-221487 | Corrections to TC 10.3 | ROHDE & SCHWARZ | agreed | R5-221037 | - |
| R5-221488 | Update of XCAP test case Preambles | Ericsson | agreed | R5-221219 | - |
| R5-221489 | Corrections to A.9 | ROHDE & SCHWARZ | agreed | R5-221387 | - |
| R5-221490 | Addtion of LTE TC 8.2.4.31.4-Conditional handover | Huawei, Hisilicon | agreed | R5-220610 | - |
| R5-221491 | Update of NR CA configurations for Protocol testing with NR CA 3CC | CMCC, WE Certification, DISH Network, Ericsson | agreed | R5-220048 | - |
| R5-221492 | Update of inter-band cell environment for Protocol testing with NR CA 3CC | CMCC | agreed | R5-220049 | - |
| R5-221493 | Modification of common test environment for EHC testing | Nokia, Nokia Shanghai Bell | agreed | R5-221273 | - |
| R5-221494 | Update of TC 7.1.3.5.6 for PDCP Duplication 3 RLC entities in NR IIoT | CMCC, MCC TF160 | agreed | R5-221080 | - |
| R5-221495 | 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 | agreed | R5-221258 | - |
| R5-221496 | Addition of Rel-16 NR Mobility Enhancement test case for Conditional PSCell change / PCell change / PSCell change / EN-DC | CATT, TDIA | agreed | R5-220056 | - |
| R5-221497 | Correction to NR TC 8.1.4.3.4-RRC DAPS HO Success Inter-frequency | Huawei, Hisilicon | agreed | R5-220604 | - |
| R5-221498 | Correction to NR TC 8.2.3.18.1-Conditional PSCell change Success | Huawei, Hisilicon | agreed | R5-220606 | - |
| R5-221499 | Correction to generic test procedures for NR SL MIMO tests | Huawei, Hisilicon | agreed | R5-220568 | - |
| R5-221500 | Addition of test procedures for releasing unicast link | Huawei, Hisilicon | agreed | R5-220570 | - |
| R5-221501 | Addition of test procedures for data exchanging on unicast link | Huawei, Hisilicon | agreed | R5-220571 | - |
| R5-221502 | Correction to PC5 RRC message MasterInformationBlockSidelink | Huawei, Hisilicon | agreed | R5-220572 | - |
| R5-221503 | Correction to PC5 RRC message MeasurementReportSidelink | Huawei, Hisilicon | agreed | R5-220573 | - |
| R5-221504 | Correction to PC5 RRC message RRCReconfigurationSidelink | Huawei, Hisilicon | agreed | R5-220574 | - |
| R5-221505 | Correction to PC5 RRC message RRCReconfigurationCompleteSidelink | Huawei, Hisilicon | agreed | R5-220575 | - |
| R5-221506 | Correction to PC5 RRC message RRCReconfigurationFailureSidelink | Huawei, Hisilicon | agreed | R5-220576 | - |
| R5-221507 | Correction to PC5 RRC message UECapabilityEnquirySidelink | Huawei, Hisilicon | agreed | R5-220577 | - |
| R5-221508 | Correction to PC5 RRC message UECapabilityInformationSidelink | Huawei, Hisilicon | agreed | R5-220578 | - |
| R5-221509 | Correction to V2X message DIRECT LINK ESTABLISHMENT REQUEST | Huawei, Hisilicon | agreed | R5-220583 | - |
| R5-221510 | Correction to V2X message DIRECT LINK ESTABLISHMENT ACCEPT | Huawei, Hisilicon | agreed | R5-220584 | - |
| R5-221511 | Correction to V2X message DIRECT LINK RELEASE REQUEST | Huawei, Hisilicon | agreed | R5-220585 | - |
| R5-221512 | Correction to V2X message DIRECT LINK RELEASE ACCEPT | Huawei, Hisilicon | agreed | R5-220586 | - |
| R5-221513 | Correction to V2X message DIRECT LINK KEEPALIVE REQUEST | Huawei, Hisilicon | agreed | R5-220587 | - |
| R5-221514 | Correction to V2X message DIRECT LINK SECURITY MODE COMMAND | Huawei, Hisilicon | agreed | R5-220588 | - |
| R5-221515 | Correction to V2X message DIRECT LINK SECURITY MODE COMPLETE | Huawei, Hisilicon | agreed | R5-220589 | - |
| R5-221516 | Correction to test loop procedures for SL test | Huawei, Hisilicon | agreed | R5-220592 | - |
| R5-221517 | Correction to test protocol messages for SL test | Huawei, Hisilicon | agreed | R5-220593 | - |
| R5-221518 | Addition of new CVX TC 12.2.1.6- Inter-carrier concurrent operation / Sidelink communication / RRC\_CONNECTED / Reception | TDIA, CATT | agreed | R5-220101 | - |
| R5-221519 | Addition of sub-clause titles for NR V2X TCs | TDIA, CATT | agreed | R5-220158 | - |
| R5-221520 | Addition of V2X TC 13.2.1-Conflict Layer 2 ID | Huawei, Hisilicon | agreed | R5-220594 | - |
| R5-221521 | Addition of V2X TC 13.2.2-Security Mode | Huawei, Hisilicon | agreed | R5-220595 | - |
| R5-221522 | Addition of V2X TC 13.2.6-Link keep alive | Huawei, Hisilicon | agreed | R5-220596 | - |
| R5-221523 | Correction to NR V2X TC 13.1.1-policy provisioning | Huawei, Hisilicon | agreed | R5-220650 | - |
| R5-221524 | Addition of new NR V2X PC5 RRC reconfiguration failure / Initiating UE side | Lenovo, Motorola Mobility | agreed | R5-221097 | - |
| R5-221525 | Addition of new NR V2X PC5 RRC reconfiguration failure / Peer UE side test case | Lenovo, Motorola Mobility | agreed | R5-221098 | - |
| R5-221526 | Addition of new NR V2X Sidelink radio link failure / Transmission side test case | Lenovo, Motorola Mobility | agreed | R5-221099 | - |
| R5-221527 | Addition of NR V2X TC applicability | Huawei, Hisilicon | agreed | R5-220597 | - |
| R5-221528 | Addition of applicability for new V2X test cases | Lenovo, Motorola Mobility | agreed | R5-221100 | - |
| R5-221529 | 5G V2X: Test Model updates | MCC TF160 | agreed | R5-220456 | - |
| R5-221530 | Correction to TC 7.1.1.12.3 DRX adaptation / UE wakeup indication | CATT | agreed | R5-220525 | - |
| R5-221531 | Update of NR5G NPN TC 6.5.2.1 | MediaTek Inc. | agreed | R5-220530 | - |
| R5-221532 | Correction to NR5GC testcase 6.5.1.3 | ROHDE & SCHWARZ, Qualcomm | agreed | R5-220681 | - |
| R5-221533 | Correction to NR5GC testcase 6.5.1.1 | ROHDE & SCHWARZ, Qualcomm | agreed | R5-220683 | - |
| R5-221534 | Addition of new SNPN test case for EAP based primary authentication and key agreement | Lenovo, Motorola Mobility | agreed | R5-221095 | - |
| R5-221535 | Addition of applicability for new SNPN test cases | Lenovo, Motorola Mobility | agreed | R5-221096 | - |
| R5-221536 | Addition of Rel-16 RACS TC 9.1.9.6 | ANRITSU LTD | agreed | R5-220373 | - |
| R5-221537 | Addition of Rel-16 RACS TC 9.1.9.3 | ANRITSU LTD | agreed | R5-220376 | - |
| R5-221538 | Correction to RACS test case 9.1.9.5 | Keysight Technologies UK, Anritsu | agreed | R5-220769 | - |
| R5-221539 | Addition of new RACS test case 9.1.9.4 | Qualcomm Incorporated | agreed | R5-221103 | - |
| R5-221540 | Correction to NR5GC testcase 8.1.5.9.1 | Rohde&Schwarz | agreed | R5-221394 | - |
| R5-221541 | Applicability updates for NR RACS test cases | Qualcomm Incorporated, Keysight, Anritsu | agreed | R5-221102 | - |
| R5-221542 | Addition of predefined UE capability message container for test function Set UL Message | Qualcomm Incorporated | agreed | R5-221085 | - |
| R5-221543 | Addition of new RACS test case 9.2.5.2 | Qualcomm Incorporated | agreed | R5-221079 | - |
| R5-221544 | Update of network requested CA band combination test cases 8.5.4.2 and 8.5.4.3 | Qualcomm Incorporated | agreed | R5-221086 | - |
| R5-221545 | Additional Rel-15 parameters for MCVideo User Profile 5.5.8.7 | NIST | agreed | R5-220401 | - |
| R5-221546 | New MCVideo TC 6.4.1 Video Pull | NIST | agreed | R5-220303 | - |
| R5-221547 | New MCVideo TC 6.5.1 Video Push | NIST | agreed | R5-220304 | - |
| R5-221548 | New MCVideo TC 6.3.1 Emergency Alert CO | NIST | agreed | R5-220305 | - |
| R5-221549 | New MCVideo TC 6.7.1 Remote Initiated Ambient Viewing CO | NIST | agreed | R5-220400 | - |
| R5-221550 | New MCVideo TC 6.7.2 Remote Initiated Ambient Viewing CT | NIST | agreed | R5-220511 | - |
| R5-221551 | New MCVideo TC Selected Group Change of Targeted User CO | NIST | agreed | R5-220512 | - |
| R5-221552 | New MCVideo TC Selected Group Change of Targeted User CT | NIST | agreed | R5-220854 | - |
| R5-221553 | New MCVideo TC Conference Event Package | NIST | agreed | R5-220855 | - |
| R5-221554 | New MCVideo TC 6.3.2 Emergency Alert CT | NIST | agreed | R5-220857 | - |
| R5-221555 | New MCVideo TC MBMS | NIST | agreed | R5-221343 | - |
| R5-221556 | Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.2.2 | CMCC | agreed | R5-220051 | - |
| R5-221557 | Update of MDT TC 8.1.6.1.2.1 | MediaTek Inc. | agreed | R5-220116 | - |
| R5-221558 | Update of MDT TC 8.1.6.1.2.2 | MediaTek Inc. | agreed | R5-220117 | - |
| R5-221559 | Update of MDT TC 8.1.6.1.2.3 | MediaTek Inc. | agreed | R5-220118 | - |
| R5-221560 | Update of MDT TC 8.1.6.1.2.4 | MediaTek Inc., Anritsu | agreed | R5-220119 | - |
| R5-221561 | Update of MDT TC 8.1.6.1.2.5 | MediaTek Inc., Rohde & Schwarz, Anritsu | agreed | R5-220120 | - |
| R5-221562 | Update of MDT TC 8.1.6.1.2.6 | MediaTek Inc., Rohde & Schwarz, Anritsu | agreed | R5-220121 | - |
| R5-221563 | Update of MDT TC 8.1.6.1.2.7 | MediaTek Inc., ZTE Corporation, Anritsu Ltd, Keysight | agreed | R5-220122 | - |
| R5-221564 | Update of MDT TC 8.1.6.1.2.8 | MediaTek Inc. | agreed | R5-220123 | - |
| R5-221565 | Update of MDT TC 8.1.6.1.2.9 | MediaTek Inc., Anritsu | agreed | R5-220124 | - |
| R5-221566 | Update of MDT TC 8.1.6.1.2.10 | MediaTek Inc. | agreed | R5-220125 | - |
| R5-221567 | Update of MDT TC 8.1.6.1.2.11 | MediaTek Inc., Anritsu | agreed | R5-220126 | - |
| R5-221568 | Update of MDT TC 8.1.6.1.2.12 | MediaTek Inc., Anritsu, Rohde & Schwarz | agreed | R5-220127 | - |
| R5-221569 | Update of MDT TC 8.1.6.1.2.13 | MediaTek Inc., Rohde & Schwarz, Anritsu | agreed | R5-220128 | - |
| R5-221570 | Update of MDT TC 8.1.6.1.4.7 | MediaTek Inc. | agreed | R5-220191 | - |
| R5-221571 | Update of MDT test case 8.1.6.1.2.12 | ZTE Corporation | agreed | R5-220335 | - |
| R5-221572 | Update of MDT test case 8.1.6.1.2.13 | ZTE Corporation | agreed | R5-220336 | - |
| R5-221573 | Correction to SON-MDT test case 8.1.6.1.4.2 | Anritsu Ltd, Qualcomm, Keysight | agreed | R5-220506 | - |
| R5-221574 | Update to test case 8.1.6.1.3.7 | MediaTek Inc., Rohde & Schwarz, Qualcomm, Keysight Technologies UK, Anritsu | agreed | R5-220507 | - |
| R5-221575 | Correction to NR MDT TC 8.1.6.3.1.3-Inter System\_Immediate MDT\_Sensor | Huawei, Hisilicon | agreed | R5-220615 | - |
| R5-221576 | Correction to NR MDT TC 8.1.6.3.2.3-Inter System\_Logged\_Sensor | Huawei, Hisilicon | agreed | R5-220617 | - |
| R5-221577 | Correction to NR MDT TC 8.1.6.3.3.3-Inter System\_RLF\_Sensor | Huawei, Hisilicon | agreed | R5-220618 | - |
| R5-221578 | Correction to NR MDT TC 8.1.6.3.4.3-Inter System\_Connection Establishment Failure\_Sensor | Huawei, Hisilicon | agreed | R5-220619 | - |
| R5-221579 | Correction to MDT test case 8.1.6.1.3.3 | MediaTek Inc., Rohde & Schwarz | agreed | R5-220669 | - |
| R5-221580 | Correction to NR MDT test case 8.1.6.1.3.4 | Qualcomm CDMA Technologies, Anritsu Ltd | agreed | R5-220843 | - |
| R5-221581 | Updates to Inter-System MDT test cases 8.1.6.3.2.x | MCC TF160, MediaTek Inc., Huawei, HiSilicon | agreed | R5-221042 | - |
| R5-221582 | Updates to Inter-System MDT test cases 8.1.6.3.3.x | MCC TF160, MediaTek Inc. | agreed | R5-221043 | - |
| R5-221583 | Updates to Inter-System MDT test cases 8.1.6.3.4.x | MCC TF160, MediaTek Inc. | agreed | R5-221044 | - |
| R5-221584 | Addition of default DCI\_1\_2 for URLLC | Huawei, HiSilicon | agreed | R5-220809 | - |
| R5-221585 | Addition of new PICS for URLLC | Lenovo, Motorola Mobility | agreed | R5-221091 | - |
| R5-221586 | Correction to NR URLLC MAC Test Case 7.1.1.4.1.5 | Lenovo, Motorola Mobility, Huawei, HiSilicon, MCC TF160 | agreed | R5-221087 | - |
| R5-221587 | Addition of new NR URLLC MAC Test Case for DL Grant Prioritisation | Lenovo, Motorola Mobility | agreed | R5-221088 | - |
| R5-221588 | Addition of new NR URLLC MAC Test Case for UL Data prioritisation | Lenovo, Motorola Mobility | agreed | R5-221089 | - |
| R5-221589 | Correction to NR URLLC MAC Test Case 7.1.1.4.2.6 | Lenovo, Motorola Mobility | agreed | R5-221174 | - |
| R5-221590 | Addition of new NR URLLC MAC Test Case applicabilities | Lenovo, Motorola Mobility | agreed | R5-221090 | - |
| R5-221591 | Addition of positioning system information blocks associated parameters | CATT | agreed | R5-220524 | - |
| R5-221592 | Addition of TC 9.4.1 PosSIB broadcasting followed by location information transfer | CATT | agreed | R5-220522 | - |
| R5-221593 | Correction of the assistance data elements for NR positioning support | CATT | agreed | R5-220523 | - |
| R5-221594 | Addition of test applicabilities for PosSIB broadcasting test case | CATT | agreed | R5-220521 | - |
| R5-221595 | Addition of new NR EIEI test case 11.5.5 | Qualcomm Incorporated | agreed | R5-221068 | - |
| R5-221596 | Addition of new PIXIT parameter for NR EIEI | Qualcomm Incorporated | agreed | R5-221038 | - |
| R5-221597 | Addition of new IMS over 5GS TC 11.5 eCall over IMS / Automatic initiation / MSD transfer and 200 OK with ACK / SIP INFO request for MSD Update / Success / 5GS | Qualcomm Incorporated | agreed | R5-220985 | - |
| R5-221598 | Addition of new IMS over 5GS TC 11.6 eCall over IMS / Automatic initiation / MSD transfer and 200 OK with ACK / SIP INFO request for unsupported MSD / UE indicates unsuccessful in SIP INFO / 5GS | Qualcomm Incorporated | agreed | R5-221003 | - |
| R5-221599 | Addition of new IMS over 5GS TC 11.7 eCall only mode / Manual initiation / Emergency registration / Abnormal case / IM CN sends a 486 (Busy Here) / UE performs eCall in CS domain / UTRAN or GERAN / 5GS | Qualcomm Incorporated | withdrawn | R5-221007 | - |
| R5-221600 | Update of R17 NR inter-band CA configurations within FR1 | China Telecommunications | withdrawn | R5-220197 | - |
| R5-221601 | Correction to test frequencies for intra-band contiguous CA | Huawei,Hisilicon | revised | - | R5-221742 |
| R5-221602 | Correction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_8A\_n3A | Nokia, Nokia Shanghai Bell | agreed | - | - |
| R5-221603 | Correction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_20A\_n3A | Nokia, Nokia Shanghai Bell | agreed | - | - |
| R5-221604 | LS on lower humidity limit in normal temperature test environment | TSG WG RAN5 | approved | - | - |
| R5-221605 | Discussion on LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest Work plan review to include dependencies with NR\_RF\_TxD-UEConTest work plan | Keysight technologies UK Ltd | noted | R5-221278 | - |
| R5-221606 | Discussion on NR\_UE\_PC1\_5\_n79-UEConTest Work plan review to include dependencies with NR\_RF\_TxD-UEConTest work plan | Keysight technologies UK Ltd | noted | R5-221280 | - |
| R5-221607 | Discussion on HPUE\_PC1\_5\_n77\_n78-UEConTest Work plan review to include dependencies with NR\_RF\_TxD-UEConTest work plan | Keysight technologies UK Ltd | noted | R5-221279 | - |
| R5-221608 | Discussion on Transparent Tx diversity work plan | Keysight technologies UK Ltd | noted | R5-221281 | - |
| R5-221609 | Introduction of CA\_n5A-n7A reference sensitivity test requirements | Ericsson | withdrawn | R5-220360 | - |
| R5-221610 | Discussion on the dynamic range issue for FR2 ON OFF time mask | Anritsu | noted | R5-220884 | - |
| R5-221611 | 38.521-2 Beam correspondence Measurement Uncertainties and test tolerances | Keysight technologies UK Ltd | revised | R5-221276 | R5-221657 |
| R5-221612 | On FR2 ON/OFF Time Mask | ROHDE & SCHWARZ | noted | R5-221270 | - |
| R5-221613 | LS on Additional RF requirements for NS\_03U, NS\_05U and NS\_43U | TSG WG RAN5 | approved | - | - |
| R5-221614 | Discussion on acceptable clipping and testable SNR for FR2 demod | Ericsson | noted | R5-221249 | - |
| R5-221615 | Correction to test frequencies for performance test cases | Anritsu | withdrawn | R5-220917 | - |
| R5-221616 | Addition of test case, 6.5D.2\_1.4.1, NR ACLR for UL MIMO (Rel-16 onward) | Ericsson | withdrawn | R5-220642 | - |
| R5-221617 | LS on SCell Dropping in FR2 RF UL-CA tests | TSG WG RAN5 | approved | - | - |
| R5-221618 | Implement test function approach to avoid Scell Drop in FR2 UL-CA | Apple Portugal | revised | - | R5-221922 |
| R5-221619 | Addition of new test function to limit Pcell power | Apple Portugal | revised | - | R5-221921 |
| R5-221620 | Add new messages and procedure for test function to limit Pcell Power | Apple Portugal | revised | - | R5-221920 |
| R5-221621 | Introduction of reference sensitivity test point analysis for CA\_n5A-n78A | Ericsson | withdrawn | R5-220358 | - |
| R5-221622 | Correction of Default Configuration Parameters for Test 1 in Test Case 7.1.11 | STMicroelectronics | withdrawn | R5-220372 | - |
| R5-221623 | TP to TR 38.834 for Annex B MU tables | MVG Industries, Rohde & Schwarz | noted | R5-220832 | - |
| R5-221624 | TP to TR 38.834 on MU General section and descriptions | ROHDE & SCHWARZ, MVG Industries | noted | R5-221175 | - |
| R5-221625 | Discussion on MU and TT proposal for FR2 EVM | Keysight Technologies UK Ltd | noted | R5-220353 | - |
| R5-221626 | MU and TT proposal for FR2 EVM | Anritsu | noted | R5-220883 | - |
| R5-221627 | Introduction of DL MU for FR2 absolute power tolerance | Anritsu | noted | R5-220887 | - |
| R5-221628 | Discussion on fading crest factor | Qualcomm CDMA Technologies | noted | R5-221164 | - |
| R5-221629 | 38.903 Beam correspondence Measurement Uncertainties | Keysight technologies UK Ltd | agreed | R5-221277 | - |
| R5-221630 | Avoiding Scell Drop in FR2 RF UL-CA tests | Apple Portugal | noted | R5-221346 | - |
| R5-221631 | Update of spurious emission TP analysis for DC\_3A\_n41A | Anritsu | agreed | - | - |
| R5-221632 | Update of spurious emission TP analysis for DC\_8A\_n41A | Anritsu | agreed | - | - |
| R5-221633 | Update of spurious emission TP analysis for DC\_25A\_n41A | Anritsu | agreed | - | - |
| R5-221634 | Update of spurious emission TP analysis for DC\_26A\_n41A | Anritsu | agreed | - | - |
| R5-221635 | Update of spurious emission TP analysis for DC\_39A\_n41A | Anritsu | agreed | - | - |
| R5-221636 | Update of spurious emission TP analysis for DC\_40A\_n41A | Anritsu | agreed | - | - |
| R5-221637 | Correction to FR2 NR SA RRM TC 7.6.1.2 with TT | Huawei,Hisilicon | agreed | R5-220710 | - |
| R5-221638 | Correction to FR2 NR SA RRM TC 7.6.1.4 with TT | Huawei,Hisilicon | agreed | R5-220712 | - |
| R5-221639 | Discussion on statistical testing | Huawei, HiSilicon | noted | R5-220780 | - |
| R5-221640 | On NF Methodologies for Low UL/High DL Power Test Cases | Keysight Technologies UK Ltd | noted | R5-221260 | - |
| R5-221641 | Discussion on Internal Work Plan Structure for FR2 Enhanced Test Methods | Apple Portugal | noted | R5-221359 | - |
| R5-221642 | Draft internal Work Plan for FR2 Enhanced Test Methods | Apple Portugal | noted | R5-221360 | - |
| R5-221643 | Discussion on Beam Peak Search procedure in case of intra-band DL CA | Keysight Technologies UK Ltd | noted | R5-221253 | - |
| R5-221644 | Test Tolerance analysis for inter-frequency RRC re-establishment test case | Ericsson | agreed | R5-221288 | - |
| R5-221645 | Correction to Mob\_enh RRM TC 7.3.1.4 with TT | Huawei,Hisilicon | agreed | R5-220719 | - |
| R5-221646 | Correction to Mob\_enh RRM TC 7.3.1.5 with TT | Huawei,Hisilicon | agreed | R5-220720 | - |
| R5-221647 | TT analysis for Mob\_enh RRM TC 6.3.1.9+6.3.1.10 | China Telecommunications,huawei | agreed | R5-220151 | - |
| R5-221648 | TT analysis for Mob\_enh RRM TC 6.3.1.11+6.3.1.12 | China Telecommunications,Huawei | agreed | R5-220154 | - |
| R5-221649 | TT analysis for Mob\_enh RRM TCs 7.3.1.4 and 7.3.1.5 | Huawei,Hisilicon | agreed | R5-220723 | - |
| R5-221650 | Completion 4.5.5.5 including TT anaysis results | Sporton | agreed | R5-220945 | - |
| R5-221651 | Completion 4.5.5.6 including TT anaysis results | Sporton | agreed | R5-220946 | - |
| R5-221652 | Addition of cell configuration MU and TT for Enhancement on MIMO | Sporton | agreed | R5-220947 | - |
| R5-221653 | Update of 4.6.7.2 EN-DC FR1 SSB based CMR and dedicated IMR L1-SINR measurement in DRX | Huawei, HiSilicon | agreed | R5-220987 | - |
| R5-221654 | Update of 6.6.8.2 NR SA FR1 SSB based CMR and dedicated IMR L1-SINR measurement in non-DRX | Huawei, HiSilicon | agreed | R5-220990 | - |
| R5-221655 | Correction to NR SA FR1 cell re-selection for UE configured with highSpeedMeasFlag-r16 | Anritsu | agreed | R5-220879 | - |
| R5-221656 | Add Test Tolerance analyses for NR SA FR1 cell re-selection for UE configured with highSpeedMeasFlag-r16 Test cases | Anritsu | agreed | R5-220880 | - |
| R5-221657 | 38.521-2 Beam correspondence Measurement Uncertainties and test tolerances | Keysight technologies UK Ltd | agreed | R5-221611 | - |
| R5-221658 | CR to implement test function approach to avoid Scell Drop in FR2 UL-CA | Apple Portugal | withdrawn | R5-221347 | - |
| R5-221659 | Addition of new test function to limit Pcell power | Apple Portugal | withdrawn | R5-221348 | - |
| R5-221660 | Add new messages and procedure for test function to limit Pcell Power | Apple Portugal | withdrawn | R5-221349 | - |
| R5-221661 | Discussion of Additional Information for 6.2.2 and 6.2.3 of 38.521-1 and 6.2B.2.3 and 6.2B.3.3 of 38.521-3 | CAICT | noted | R5-220061 | - |
| R5-221662 | Discussion on minimum test time for HST Demod scenarios | Qualcomm CDMA Technologies | noted | R5-221168 | - |
| R5-221663 | Discussion on minimum test time for 1% residual BLER | Huawei, HiSilicon | noted | R5-220811 | - |
| R5-221664 | Discussion on PC2 and PC1.5 CA\_n41C with single UL carrier handling in RAN5 | CMCC, Huawei, Hisilicon | noted | R5-220269 | - |
| R5-221665 | Discussion on Alignment of test points for MPR and ACLR in TS 38.521-1 | CAICT | noted | R5-220059 | - |
| R5-221666 | Discussion on handling TxD test cases | Huawei, HiSilicon | noted | R5-221039 | - |
| R5-221667 | Correction to test frequency range for n14 | Anritsu | agreed | R5-220903 | - |
| R5-221668 | Correction of 4.3.1.2.4.4.2 for test frequencies for CA\_n260\_A-I | ZTE Corporation | agreed | R5-221050 | - |
| R5-221669 | Correction to default RRC IEs for RRM | Huawei,Hisilicon | agreed | R5-220687 | - |
| R5-221670 | Updated the related RRC information for DSS | CMCC | agreed | R5-220039 | - |
| R5-221671 | Added FR2 connection diagram using modulated interferer | Keysight Technologies UK Ltd | agreed | R5-220247 | - |
| R5-221672 | Correction of 4.1.1 on removal of lower humidity limit in NR test environment | Samsung R&D Institute UK, ZTE Corporation | agreed | R5-220778 | - |
| R5-221673 | Addition of PICS for frequencyShift7p5khz | CMCC, Huawei, Hisilicon | agreed | R5-220042 | - |
| R5-221674 | Update of A.4.3.9 for Additional capabilities for UE declared capability | ZTE Corporation | agreed | R5-221064 | - |
| R5-221675 | Correction of test applicability of A-MPR | CAICT | agreed | R5-220064 | - |
| R5-221676 | Alignment of test points of ACLR with MPR | CAICT | agreed | R5-220405 | - |
| R5-221677 | Corrections of Tx TCs having impact on ETSI EN 301 908-25 | China Unicom | agreed | R5-220770 | - |
| R5-221678 | Correction to note of general spurious emissions | Anritsu | agreed | R5-220892 | - |
| R5-221679 | Correction to test requirement of 6.2.4 | Anritsu | agreed | R5-220898 | - |
| R5-221680 | Correction to measurement timing for inter-band CA with FDD and TDD | Anritsu | agreed | R5-220901 | - |
| R5-221681 | Editorial correction to SUL test cases | Anritsu | agreed | R5-220907 | - |
| R5-221682 | Editorial correction to clause 6.5.3.2 and 6.5.3.3 | Qualcomm Korea | agreed | R5-221323 | - |
| R5-221683 | Update to statistical testing | Huawei, HiSilicon | agreed | R5-220781 | - |
| R5-221684 | Correction to FR1 UL RMCs | ROHDE & SCHWARZ, T-Mobile USA Inc. | agreed | R5-221263 | - |
| R5-221685 | Corrrection of test config tables of non-CA test cases for consistency with CA test cases on without RB allocation case | CAICT | agreed | R5-220093 | - |
| R5-221686 | FR2 SA EVM test case update based on MU and TT analysis | Keysight Technologies UK Ltd | agreed | R5-220354 | - |
| R5-221687 | Correction of general ON OFF time mask | Anritsu | agreed | R5-220885 | - |
| R5-221688 | Correction to FR2 absolute power tolerance MU and TT | Anritsu | agreed | R5-220888 | - |
| R5-221689 | Removal of empty lines in Table 7.3.2.3.2-1 and Table 7.3.2.5-2 | CAICT | agreed | R5-220091 | - |
| R5-221690 | Correction to PDCCH DCI format for FR2 test cases | Huawei, Hisilicon | agreed | R5-221110 | - |
| R5-221691 | Update to Clause 7.5 Adjacent channel selectivity | Apple Hungary Kft. | agreed | R5-221340 | - |
| R5-221692 | Correction of the table title style of Table 5.5A.3-1 | CAICT | agreed | R5-220092 | - |
| R5-221693 | Correction of Test applicability of 6.2B.3.3 | CAICT | agreed | R5-220065 | - |
| R5-221694 | Correction of 6.5B.2.3.3 to include 6.5.2.4.2 of 38.521-1 | CAICT | agreed | R5-220066 | - |
| R5-221695 | Update MOP for inter-band NE-DC within FR1 | CMCC | agreed | R5-220279 | - |
| R5-221696 | FR2 NSA EVM test case editor notes update | Keysight Technologies UK Ltd | agreed | R5-220355 | - |
| R5-221697 | Clarification on clause number of NE-DC for Tx test cases | CMCC | agreed | R5-220656 | - |
| R5-221698 | Updating on 6.5B.3.3.2 Spurious emission for UE co-existence for inter-band within FR1 including n1 | NTT DOCOMO INC. | agreed | R5-220754 | - |
| R5-221699 | Correction of ON OFF time mask for inter-band EN-DC including FR2 | Anritsu | agreed | R5-220886 | - |
| R5-221700 | Definition of MTSU and TT for Intra-band EN-DC additional spurious emissions test cases | Anritsu, DOCOMO Communications Lab. | agreed | R5-220894 | - |
| R5-221701 | Correction to test procedure of FR1 EN-DC Spurious test for EN-DC only capable UE | Anritsu | agreed | R5-220895 | - |
| R5-221702 | Editorial correction for 6.5B.3.3 Spurious emission | Qualcomm Korea | agreed | R5-221315 | - |
| R5-221703 | Clarification on clause number of NE-DC for Rx test cases | CMCC | agreed | R5-220657 | - |
| R5-221704 | Update for 7.3B.2 | Qualcomm Korea | agreed | R5-221331 | - |
| R5-221705 | Regrouping DC Configuration in clause 5 | Bureau Veritas, ZTE, Apple Portugal | agreed | R5-220429 | - |
| R5-221706 | Update of 3.2 and 3.3 on symbols and abbreviations | ZTE Corporation | agreed | R5-221059 | - |
| R5-221707 | Editorial update to PBCH demod requirements section | Qualcomm CDMA Technologies | agreed | R5-221160 | - |
| R5-221708 | Update to testability of test requirements due to achievable SNR improvements | Qualcomm CDMA Technologies | agreed | R5-221163 | - |
| R5-221709 | FR1 NSA SDR message contents update | Qualcomm CDMA Technologies | agreed | R5-221166 | - |
| R5-221710 | Correction to Annex H.1.2 | Anritsu | agreed | R5-220909 | - |
| R5-221711 | Correction of Additional Information for 6.2.2, 6.2.3 and 6.5.2.4.1 of 38.521-1 and 6.2B.2.3 and 6.2B.3.3 of 38.521-3 | CAICT | agreed | R5-220062 | - |
| R5-221712 | Correction to Applicability and Additional information for EN-DC TC and RRM TC | TTA, SGS Wireless | agreed | R5-220536 | - |
| R5-221713 | Correction to FR1 EN-DC RRM TCs - interruption SCC | Huawei,Hisilicon | agreed | R5-220688 | - |
| R5-221714 | Introduce Test case for LTE PSCell addition and release in NE-DC | Apple Portugal | agreed | R5-221366 | - |
| R5-221715 | Correction to FR2 EN-DC RRM TCs - RLM | Huawei,Hisilicon | agreed | R5-220690 | - |
| R5-221716 | Correction to FR2 EN-DC RRM TC 5.5.5.1 with TT | Huawei,Hisilicon | agreed | R5-220691 | - |
| R5-221717 | Correction to FR2 EN-DC RRM TC 5.5.5.2 with TT | Huawei,Hisilicon | agreed | R5-220692 | - |
| R5-221718 | Correction to FR2 EN-DC RRM TC 5.5.5.3 with TT | Huawei,Hisilicon | agreed | R5-220693 | - |
| R5-221719 | Correction to FR2 EN-DC RRM TC 5.5.5.4 with TT | Huawei,Hisilicon | agreed | R5-220694 | - |
| R5-221720 | Correction to FR2 EN-DC RRM TC 5.5.5.5 with TT | Huawei,Hisilicon | agreed | R5-220695 | - |
| R5-221721 | Correction to FR2 EN-DC RRM TC 5.6.1.1 with TT | Huawei,Hisilicon | agreed | R5-220696 | - |
| R5-221722 | Correction to FR2 EN-DC RRM TC 5.6.1.3 with TT | Huawei,Hisilicon | agreed | R5-220698 | - |
| R5-221723 | New test case 5.7.4.1 | ROHDE & SCHWARZ | agreed | R5-221022 | - |
| R5-221724 | New test case 5.7.4.2 | ROHDE & SCHWARZ | agreed | R5-221023 | - |
| R5-221725 | Update to RRM test case with CDRX | Qualcomm CDMA Technologies | agreed | R5-221158 | - |
| R5-221726 | Corrections to 6.7.x.x | ROHDE & SCHWARZ | agreed | R5-221030 | - |
| R5-221727 | Correction to FR2 NR SA RRM TC 7.5.5.1 with TT | Huawei,Hisilicon | agreed | R5-220704 | - |
| R5-221728 | Correction to FR2 NR SA RRM TC 7.5.5.2 with TT | Huawei,Hisilicon | agreed | R5-220705 | - |
| R5-221729 | Correction to FR2 NR SA RRM TC 7.5.5.3 with TT | Huawei,Hisilicon | agreed | R5-220706 | - |
| R5-221730 | Correction to FR2 NR SA RRM TC 7.5.5.4 with TT | Huawei,Hisilicon | agreed | R5-220707 | - |
| R5-221731 | Correction to FR2 NR SA RRM TC 7.5.5.5 with TT | Huawei,Hisilicon | agreed | R5-220708 | - |
| R5-221732 | Correction to FR2 NR SA RRM TC 7.6.1.1 with TT | Huawei,Hisilicon | agreed | R5-220709 | - |
| R5-221733 | Correction to FR2 NR SA RRM TC 7.6.1.3 with TT | Huawei,Hisilicon | agreed | R5-220711 | - |
| R5-221734 | Correction to message exception for 8.4.2.x with SSB index detection | Anritsu | agreed | R5-220926 | - |
| R5-221735 | Test procedure update to L2NR Cell reselection test case | Qualcomm CDMA Technologies | agreed | R5-221161 | - |
| R5-221736 | Correction to Annex F for FR2 SSB based BFD TCs | Huawei,Hisilicon | agreed | R5-220713 | - |
| R5-221737 | Correction to Annex F for FR2 SSB based intra-freq measurement TCs | Huawei,Hisilicon | agreed | R5-220714 | - |
| R5-221738 | Correction to default configuration in Annex H | Huawei,Hisilicon | agreed | R5-220715 | - |
| R5-221739 | Updates to CSI-ReportConfig for FR2 | ROHDE & SCHWARZ | agreed | R5-221032 | - |
| R5-221740 | Update report config for iRAT test cases | ROHDE & SCHWARZ | agreed | R5-221034 | - |
| R5-221741 | Correction of clause 3 | Ericsson | agreed | R5-221303 | - |
| R5-221742 | Correction to test frequencies for intra-band contiguous CA | Huawei,Hisilicon | agreed | R5-221601 | - |
| R5-221743 | FR2 EVM MU definition in 38.903 | Keysight Technologies UK Ltd | agreed | R5-220356 | - |
| R5-221744 | TT analysis for FR2 SSB based BFD TCs | Huawei,Hisilicon | agreed | R5-220716 | - |
| R5-221745 | TT analysis for FR2 SSB intra-freq measurement without DRX TCs | Huawei,Hisilicon | agreed | R5-220717 | - |
| R5-221746 | Addition of summary table for MU factors | Huawei, HiSilicon | agreed | R5-220782 | - |
| R5-221747 | Update of predicted SNR upper bound for noise free SDR scenarios | Qualcomm CDMA Technologies | agreed | R5-221159 | - |
| R5-221748 | Addition of Test Point analysis for FR1 Spurious emission for UE co-existence for DC\_19\_n1 | NTT DOCOMO INC. | agreed | R5-220755 | - |
| R5-221749 | Addition of Test Point analysis for FR1 Spurious emission for UE co-existence for DC\_21\_n1 | NTT DOCOMO INC. | agreed | R5-220756 | - |
| R5-221750 | Update\_TP\_analysis for EVM | Qualcomm Korea, ROHDE & SCHWARZ | agreed | R5-221314 | - |
| R5-221751 | Test Point analysis for FR2 Tx spur emission UL MIMO tests | Qualcomm Finland RFFE Oy | agreed | R5-221324 | - |
| R5-221752 | Addition of reference sensitivity checklist for CA reference sensitivity test point analysis | Ericsson | agreed | R5-221344 | - |
| R5-221753 | Modification of test point analysis clause for FR1 NR CA | Ericsson, WE Certification Oy, DISH Network, China Unicom | agreed | R5-221345 | - |
| R5-221754 | Removing editors note in CA test cases | DEKRA | agreed | R5-220674 | - |
| R5-221755 | Removing editors note in CA test cases | DEKRA | agreed | R5-220676 | - |
| R5-221756 | Addition of new test case in Annex F.1.2 and Annex F.3.2 | DEKRA | agreed | R5-220677 | - |
| R5-221757 | Correction of 4.3.1.1.5.48 for test frequencies of CA\_n48\_2A | ZTE Corporation | agreed | R5-221049 | - |
| R5-221758 | Update Spurious emissions for UE co-existence for CA\_n3A-n41A | CMCC | agreed | R5-220209 | - |
| R5-221759 | Update Spurious emissions for UE co-existence for CA\_n41A-n79A | CMCC | agreed | R5-220272 | - |
| R5-221760 | Update Reference sensitivity test case for CA\_n3A-n41A | CMCC | agreed | R5-220208 | - |
| R5-221761 | Introduction of CA\_n5A-n78A reference sensitivity test requirements | Ericsson | agreed | R5-220361 | - |
| R5-221762 | Introduction of CA\_n5A-n7A and CA\_n7A\_n78A maximum output power test requirements | Ericsson | agreed | R5-220758 | - |
| R5-221763 | MSD test configurations modification for US inter-band CA combinations with n77 | Apple Portugal | agreed | R5-221350 | - |
| R5-221764 | Update operating bands and CA configurations for CA\_n3A-n41A | CMCC | agreed | R5-220207 | - |
| R5-221765 | General updates of clause 5 for R16 CADC configurations | China Unicom, Ericsson | agreed | R5-220876 | - |
| R5-221766 | Update of 6.2A.2 for UE maximum output power reduction for CA | ZTE Corporation | agreed | R5-221062 | - |
| R5-221767 | Introduction of Spurious emissions band UE co-existence requirements for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | agreed | R5-220316 | - |
| R5-221768 | Correction to test requirement of DC\_xxA\_n41A in 6.5B.3.3.1 | Anritsu | agreed | R5-220897 | - |
| R5-221769 | Correction of General Spurious emissions requirements for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | agreed | R5-220951 | - |
| R5-221770 | Introduction of DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A, DC\_28A\_n7A to general spurious emission test case | Ericsson | agreed | R5-221184 | - |
| R5-221771 | Introduction of DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A, DC\_28A\_n7A to UE co-existence spurious emission test case | Ericsson | agreed | R5-221185 | - |
| R5-221772 | Addition of new CADC MPR TC 6.2B.2.4\_1.1 | Intertek | agreed | R5-221212 | - |
| R5-221773 | Update for 7.3B.2.0 Min Requirements of Ref sensitivity for EN-DC | Qualcomm Korea | agreed | R5-221326 | - |
| R5-221774 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_8A\_n20A | Nokia, Nokia Shanghai Bell | agreed | R5-220317 | - |
| R5-221775 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_20A\_n7A | Nokia, Nokia Shanghai Bell | agreed | R5-220318 | - |
| R5-221776 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_28A\_n5A | Nokia, Nokia Shanghai Bell | agreed | R5-220319 | - |
| R5-221777 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_40A\_n79A | Nokia, Nokia Shanghai Bell | agreed | R5-220320 | - |
| R5-221778 | Introduction of reference sensitivity test point analysis for DC\_7A\_n78A | Ericsson | agreed | R5-220386 | - |
| R5-221779 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_1A\_n5A | Ericsson | agreed | R5-221179 | - |
| R5-221780 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_1A\_n7A | Ericsson | agreed | R5-221180 | - |
| R5-221781 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_3A\_n5A | Ericsson | agreed | R5-221181 | - |
| R5-221782 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_7A\_n5A | Ericsson | agreed | R5-221182 | - |
| R5-221783 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_28A\_n7A | Ericsson, Qualcomm | agreed | R5-221183 | - |
| R5-221784 | Updates to A.10 and Annex.11 for Downlink Throughput tests with Variable Reference Channel | Qualcomm communications-France | agreed | R5-220515 | - |
| R5-221785 | Updates to Conclusion | Qualcomm communications-France | agreed | R5-220516 | - |
| R5-221786 | Updates to Annex.B | Qualcomm communications-France | agreed | R5-220517 | - |
| R5-221787 | Update of mid test channel bandwidth for band n25 | ROHDE & SCHWARZ, T-Mobile USA Inc. | agreed | R5-221261 | - |
| R5-221788 | New channel bandwidth for n25. UL-MIMO. | T-Mobile USA Inc., ROHDE & SCHWARZ | agreed | R5-221245 | - |
| R5-221789 | Addition of CBHWs 25 MHz, 30 MHz, 40 MHz for n25 | ROHDE & SCHWARZ, T-Mobile USA Inc. | agreed | R5-221262 | - |
| R5-221790 | New channel bandwidth for n25. refsens and UL-MIMO | T-Mobile USA Inc., ROHDE & SCHWARZ | agreed | R5-221246 | - |
| R5-221791 | General updates of clause 5 for R16 new CBW configurations | China Unicom, ROHDE & SCHWARZ, Huawei, Hisilicon | agreed | R5-220777 | - |
| R5-221792 | ETC for FR2 RF CA | Apple Hungary Kft. | agreed | R5-221332 | - |
| R5-221793 | Addition of Condition for FR1 DL Interruptions test cases applicability | Ericsson | agreed | R5-221293 | - |
| R5-221794 | Updating test case AMPR for MIMO | Huawei, Hisilicon | agreed | R5-221118 | - |
| R5-221795 | Updating Absolute power tolerance for intra-band non-contiguous CA | Huawei, Hisilicon | agreed | R5-221124 | - |
| R5-221796 | Updating FR1 ACLR for intra-band CA test case | Huawei, Hisilicon | agreed | R5-221126 | - |
| R5-221797 | Addition of FR1 DL Interruptions test cases applicability | Ericsson | agreed | R5-221294 | - |
| R5-221798 | Addition of UL switching test case 6.5.7.2 | Ericsson | agreed | R5-221299 | - |
| R5-221799 | Add applicability of new feMob RRM test cases | ZTE Corporation, Huawei, HiSilicon | agreed | R5-220348 | - |
| R5-221800 | Addition conditional handover test cases applicability | Ericsson | agreed | R5-221312 | - |
| R5-221801 | Addition of new feMob test case 5.1.42 | ZTE, Tejet, SRTC | agreed | R5-220337 | - |
| R5-221802 | Addition of new feMob test case 5.1.43 | ZTE, Tejet, SRTC | agreed | R5-220338 | - |
| R5-221803 | Addition of new feMob test case 5.1.44 | ZTE, Tejet, SRTC | agreed | R5-220339 | - |
| R5-221804 | Addition of new feMob test case 5.1.45 | ZTE, SRTC, Tejet | agreed | R5-220340 | - |
| R5-221805 | Addition of new feMob test case 5.1.46 | ZTE, SRTC, Tejet | agreed | R5-220341 | - |
| R5-221806 | Addition of new feMob test case 5.1.53 | ZTE, SRTC, Tejet | agreed | R5-220342 | - |
| R5-221807 | Addition of new feMob test case 5.1.54 | ZTE, SRTC, Tejet | agreed | R5-220343 | - |
| R5-221808 | Addition of new feMob test case 5.1.55 | ZTE Corporation | agreed | R5-220344 | - |
| R5-221809 | Addition of new feMob test case 5.1.56 | ZTE Corporation | agreed | R5-220345 | - |
| R5-221810 | Addition of new feMob test case 5.1.57 | ZTE Corporation | agreed | R5-220346 | - |
| R5-221811 | Addition of new feMob test case 5.1.58 | ZTE Corporation | agreed | R5-220347 | - |
| R5-221812 | Correction to Mob\_enh RRM TC 7.3.3.1 with TT | Huawei,Hisilicon | agreed | R5-220721 | - |
| R5-221813 | Correction to Annex F for Mob\_enh RRM TCs | Huawei,Hisilicon | agreed | R5-220722 | - |
| R5-221814 | TT analysis for Mob\_enh RRM TCs 7.3.3.1 | Huawei,Hisilicon | agreed | R5-220724 | - |
| R5-221815 | Update to NR sidelink preconfiguration | Huawei, HiSilicon | agreed | R5-220789 | - |
| R5-221816 | Update to GNSS configuration for NR sidelink | Huawei, HiSilicon | agreed | R5-220790 | - |
| R5-221817 | Introduction of new V2X test cases in 6.3E.2 | CAICT | agreed | R5-220083 | - |
| R5-221818 | Update to NR V2X test cases with non-concurrent operation | Huawei, HiSilicon | agreed | R5-220784 | - |
| R5-221819 | Addition of 6.2E.2.2 MPR for concurrent opration | Huawei, HiSilicon | agreed | R5-220785 | - |
| R5-221820 | Introduction of new V2X test cases in 7.7E | CAICT | agreed | R5-220085 | - |
| R5-221821 | Addition of NR SL RRM TC 9.1.2.1 - SLSS Tx NR Cell | Huawei,Hisilicon | agreed | R5-220732 | - |
| R5-221822 | Addition of NR SL RRM TC 9.1.2.2 - SLSS Tx SyncRef UE | Huawei,Hisilicon | agreed | R5-220733 | - |
| R5-221823 | Addition of NR SL RRM TC 9.1.3.1 - SyncRef reselection GNSS | Huawei,Hisilicon | agreed | R5-220735 | - |
| R5-221824 | Addition of NR SL RRM TC 9.1.3.2 - SyncRef reselection Cell | Huawei,Hisilicon | agreed | R5-220736 | - |
| R5-221825 | Addition of NR SL RRM TC 9.1.4.2 - Resource pre-emption | Huawei,Hisilicon | agreed | R5-220739 | - |
| R5-221826 | Addition of NR SL RRM TC 9.1.4.3 - Resource re-evaluation | Huawei,Hisilicon | agreed | R5-220740 | - |
| R5-221827 | Addition of NR SL RRM TC 9.1.5.2 - SL-RSSI PC5 only | Huawei,Hisilicon | agreed | R5-220743 | - |
| R5-221828 | Addition of RMC for NR SL RRM test in Annex A | Huawei,Hisilicon | agreed | R5-220746 | - |
| R5-221829 | TP analysis for 6.2E.2.2 MPR for concurrent opration | Huawei, HiSilicon | agreed | R5-220786 | - |
| R5-221830 | Addition of physical implementation capability for L1-SINR measurement | Huawei, HiSilicon, Sporton | agreed | R5-220999 | - |
| R5-221831 | Addition of test applicability for UE Enhancements on MIMO | Sporton | agreed | R5-220948 | - |
| R5-221832 | Addition of test applicability for L1-SINR measurement cases | Huawei, HiSilicon | agreed | R5-221000 | - |
| R5-221833 | Addition of 5.5.5.6 FR2 SCell BFD in non-DRX for NSA | Huawei, HiSilicon | agreed | R5-220799 | - |
| R5-221834 | Addition of 5.5.5.7 FR2 SCell BFD in DRX for NSA | Huawei, HiSilicon | agreed | R5-220800 | - |
| R5-221835 | Addition of 7.5.5.6 FR2 SCell BFD in non-DRX for SA | Huawei, HiSilicon | agreed | R5-220802 | - |
| R5-221836 | Addition of 7.5.5.7 FR2 SCell BFD in DRX for SA | Huawei, HiSilicon | agreed | R5-220803 | - |
| R5-221837 | Update to Annex F for eMIMO test cases | Huawei, HiSilicon | agreed | R5-220805 | - |
| R5-221838 | Update to Annex H for eMIMO test cases | Huawei, HiSilicon | agreed | R5-220806 | - |
| R5-221839 | Update of RRM Test Cases for UE Enhancements on MIMO | Sporton | agreed | R5-221002 | - |
| R5-221840 | Addition of TT analysis for FR2 BFR test cases | Huawei, HiSilicon | agreed | R5-220807 | - |
| R5-221841 | TP analysis for 6.2D.2 for ULFPTx | Huawei, HiSilicon | agreed | R5-220795 | - |
| R5-221842 | Correction on Type I PMI test cases | China Telecom | agreed | R5-220417 | - |
| R5-221843 | Addition of FR1 CA CQI test cases | China Telecom | agreed | R5-220419 | - |
| R5-221844 | Addition of applicability for FR1 CA CQI test requirements | China Telecom | agreed | R5-220420 | - |
| R5-221845 | Addition of test case 5.2.3.2.4\_1, 4Rx TDD FR1 PDSCH Mapping Type A and LTE-NR coexistence performance - 4x4 MIMO with baseline receiver for both SA and NSA | Ericsson | agreed | R5-220685 | - |
| R5-221846 | Introduction of FR1 CA SDR test case | Qualcomm CDMA Technologies | agreed | R5-221156 | - |
| R5-221847 | Addition of FR2 CA CQI test cases | China Telecom | agreed | R5-220422 | - |
| R5-221848 | Addition of applicability for FR2 CA CQI test requirements | China Telecom | agreed | R5-220423 | - |
| R5-221849 | Updated the Test case conditions and selection criteria for TDD DSS NR bands n38, n48, n90 | CMCC | agreed | R5-220040 | - |
| R5-221850 | Addition of FR1 CA CQI test cases applicability | China Telecom | agreed | R5-220418 | - |
| R5-221851 | Addition of FR2 CA CQI test cases applicability | China Telecom | agreed | R5-220421 | - |
| R5-221852 | Applicability of NR perf enh WI test cases | Qualcomm CDMA Technologies | agreed | R5-221152 | - |
| R5-221853 | Addition of UE capability for maximum number of activated TCI states | CMCC | agreed | R5-220165 | - |
| R5-221854 | Addition of test case 5.2.3.2.10\_1, 4Rx TDD FR1 HST DPS performance - 2x4 MIMO with baseline receiver for both SA and NSA | Ericsson | agreed | R5-220672 | - |
| R5-221855 | Update to HST Demod test cases | Qualcomm CDMA Technologies | agreed | R5-221169 | - |
| R5-221856 | Addition of HST test case 5.2.3.1.9\_1 to annex F | CMCC | agreed | R5-220636 | - |
| R5-221857 | Addition of HST test case 5.2.3.1.10\_1 to annex F | CMCC | agreed | R5-220637 | - |
| R5-221858 | Correction of HST test case applicability | CMCC, Anritsu | agreed | R5-220169 | - |
| R5-221859 | Correction to DRX setting of 4.6.4.5 and 6.6.4.5 | Anritsu | agreed | R5-220922 | - |
| R5-221860 | Update to 5.2.x.y.5 PDSCH with 1e-5 BLER | Huawei, HiSilicon | agreed | R5-220813 | - |
| R5-221861 | Update to 5.2.x.y.6 PDSCH with repetitions over multiple slots | Huawei, HiSilicon | agreed | R5-220814 | - |
| R5-221862 | Update to 5.2.2.y.8 PDSCH pre-emption | Huawei, HiSilicon | agreed | R5-220816 | - |
| R5-221863 | Addition of 5.2.3.1.8 PDSCH pre-emption 4Rx FDD | Huawei, HiSilicon | agreed | R5-220817 | - |
| R5-221864 | Addition of 5.2.3.2.8 PDSCH pre-emption 4Rx TDD | Huawei, HiSilicon | agreed | R5-220818 | - |
| R5-221865 | Addition of 7.2.2.2.2 FR2 PDSCH repetition | Huawei, HiSilicon | agreed | R5-220821 | - |
| R5-221866 | Addition of 7.2.2.2.3 FR2 PDSCH mapping Type B | Huawei, HiSilicon | agreed | R5-220822 | - |
| R5-221867 | Addition of minimum test time for 1% residual BLER | Huawei, HiSilicon | agreed | R5-220812 | - |
| R5-221868 | Update to Annex F for URLLC test cases | Huawei, HiSilicon | agreed | R5-220819 | - |
| R5-221869 | Updating test frequencies for NR band n1 | Huawei, Hisilicon | agreed | R5-221134 | - |
| R5-221870 | Update of R17 new CBW 45M into refsense TC | China Unicom, T-Mobile USA Inc., ROHDE & SCHWARZ, Anritsu | agreed | R5-221259 | - |
| R5-221871 | Add test frequencies for R17 NR inter-band CA configurations in FR1 | China Telecommunications | agreed | R5-220170 | - |
| R5-221872 | Addition of test frequencies for NE-DC configurations DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C | CMCC | agreed | R5-220198 | - |
| R5-221873 | Update of protocol testing applicability for 3CC inter-band NR DC configurations | Ericsson | agreed | R5-220508 | - |
| R5-221874 | Addition of several NR CA combinations to FR1 inter-band configurations table | WE Certification Oy, DISH Network | agreed | R5-220950 | - |
| R5-221875 | Introduction of new R17 NR inter-band CA configurations in FR1 | China Telecommunications | agreed | R5-220195 | - |
| R5-221876 | Addition of applicability tables of several NR CA combinations to FR1 inter-band configurations | WE Certification Oy, DISH Network | agreed | R5-220952 | - |
| R5-221877 | Update of R17 NR inter-band CA Tx requirements within FR1 | China Telecommunications | agreed | R5-220270 | - |
| R5-221878 | Update of R17 NR inter-band CA Rx requirements within FR1 | China Telecommunications | agreed | R5-220284 | - |
| R5-221879 | Updating Delta\_RIB\_c and reference sensitvity test requirement for CA combination of n24 and n77 | Ligado Networks | agreed | R5-220875 | - |
| R5-221880 | Addition of several CA combinations to Reference Sensitivity test case | WE Certification Oy, DISH Network | agreed | R5-220953 | - |
| R5-221881 | General updates of clause 5 for R17 CADC configurations | China Unicom, WE Certification, Dish Network, China Telecommunications, Ligado Networks | agreed | R5-220877 | - |
| R5-221882 | Updating clause 5.2C for R17 SUL configurations | Huawei, Hisilicon | agreed | R5-221131 | - |
| R5-221883 | Update Tx TC for 4 Rel-17 combos | Verizon Switzerland AG, Qualcomm, Ericsson | agreed | R5-220375 | - |
| R5-221884 | Update Rx Requirements for 4 Rel-17 ENDC combos | Verizon Switzerland AG, Qualcomm, Ericsson | agreed | R5-221316 | - |
| R5-221885 | MSD test configurations modification for US inter-band EN-DC combinations with n77 | Apple Portugal | agreed | R5-221351 | - |
| R5-221886 | Update NE-DC configurations for DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C | CMCC | agreed | R5-220654 | - |
| R5-221887 | Addition of UE Rx-Tx time difference measurement test uncertainties and test parameter relaxations | CATT | agreed | R5-220519 | - |
| R5-221888 | Addition of test applicabilities for NR UE Rx-Tx time difference measurement test cases | CATT | agreed | R5-220520 | - |
| R5-221889 | FR2 Enhanced Beam Correspondence test updates | Apple Portugal | agreed | R5-221352 | - |
| R5-221890 | Minimum Conformance Requirements updates to enhanced beam correspondence | Apple Portugal | agreed | R5-221353 | - |
| R5-221891 | Correction of FR2 standalone Enhanced Beam correspondence - EIRP RF conformance test case applicability | Nokia, Nokia Shanghai Bell | agreed | R5-220310 | - |
| R5-221892 | Update of MOP TC for PC2 ENDC configurations | China Unicom | agreed | R5-220775 | - |
| R5-221893 | Add test case 7.3.2.2.3 for NR SA FR2 2-step RACH | Nokia, Nokia Shanghai Bell | agreed | R5-220324 | - |
| R5-221894 | Introduction of NR-U OFF power test case | Ericsson | agreed | R5-221251 | - |
| R5-221895 | Introduction of NR-U General ON/OFF time mask test case | Ericsson | agreed | R5-221252 | - |
| R5-221896 | Update of MOP test cases for PC2 CA\_n1A-n78A with UL CA\_n1A-n78A | China Telecom | agreed | R5-220424 | - |
| R5-221897 | Update of MOP test cases for PC2 CA\_n3A-n78A with UL CA\_n3A-n78A | China Telecom | agreed | R5-220425 | - |
| R5-221898 | Update superscripts of power class for inter-band CA | CMCC | agreed | R5-220658 | - |
| R5-221899 | Update MOP for 2 bands DL and 1 band UL CA | CMCC | agreed | R5-220659 | - |
| R5-221900 | Update MOP for Intra-band contiguous CA | CMCC, CT | agreed | R5-221210 | - |
| R5-221901 | Update MOP for Intra-band non-contiguous CA | CMCC, CT | agreed | R5-221211 | - |
| R5-221902 | Update UL CA configurations for PC2 and PC1.5 CA\_n41C | CMCC | agreed | R5-220203 | - |
| R5-221903 | Update configuration for PC2 CA\_n3A-n41A | CMCC | agreed | R5-220204 | - |
| R5-221904 | Update NR ACLR test case for PC1.5 | CMCC | agreed | R5-220200 | - |
| R5-221905 | Update TC Frequency Error for DSS | CMCC, Huawei, Hisilicon | agreed | R5-220137 | - |
| R5-221906 | Update TC Frequency Error for UL MIMO for DSS | CMCC | agreed | R5-220141 | - |
| R5-221907 | Update TC Frequency Error for CA for DSS | CMCC | agreed | R5-220142 | - |
| R5-221908 | Addition of new test case 6.2B.1.3\_1 for Maximum Output Power for inter-band EN-DC with 3 uplink | Huawei, HiSilicon | agreed | R5-220962 | - |
| R5-221909 | Addition of new test case 6.2B.4.1.3\_1 for Configured Output Power for inter-band EN-DC with 3 uplink | Huawei, HiSilicon | agreed | R5-220963 | - |
| R5-221910 | Addition of annex F for test cases for EN-DC configurations with 3 uplink | Huawei, HiSilicon | agreed | R5-220964 | - |
| R5-221911 | Add\_UE capability enhancedUL-TransientPeriod | Qualcomm Korea, ROHDE & SCHWARZ | agreed | R5-221335 | - |
| R5-221912 | Update for 6.4.2.1a EVM including symbols with transient period | Qualcomm Korea, ROHDE & SCHWARZ | agreed | R5-221336 | - |
| R5-221913 | New EVM test case applicability | Qualcomm Korea, ROHDE & SCHWARZ | agreed | R5-221333 | - |
| R5-221914 | Update to GNSS configuration for E-UTRA V2X | Huawei, HiSilicon | agreed | R5-220826 | - |
| R5-221915 | Update to GNSS configuration for LTE aerial testing | Huawei, HiSilicon | agreed | R5-220827 | - |
| R5-221916 | Correction of 4.1.1 on lower humidity limit in temperature test environment | Samsung R&D Institute UK, ZTE Corporation | agreed | R5-220853 | - |
| R5-221917 | Correction of NB-IoT test frequency for band 85 | ROHDE & SCHWARZ | agreed | R5-221272 | - |
| R5-221918 | Correction of 6.6.2.2\_2 Additional Spectrum Emission Mask | MediaTek Inc. | agreed | R5-220055 | - |
| R5-221919 | Correction of maximum output power for CA test case | ROHDE & SCHWARZ | agreed | R5-221271 | - |
| R5-221920 | Add new messages and procedure for test function to limit Pcell Power | Apple Portugal | endorsed | R5-221620 | - |
| R5-221921 | Addition of new test function to limit Pcell power | Apple Portugal | endorsed | R5-221619 | - |
| R5-221922 | Implement test function approach to avoid Scell Drop in FR2 UL-CA | Apple Portugal | endorsed | R5-221618 | - |
| R5-221923 | Correction to test procedure of SFTD measurement accuracy | Anritsu | agreed | R5-220913 | - |
| R5-221924 | Correction to BWP configuration for 4.5.6.1.2 | Anritsu | agreed | R5-220937 | - |
| R5-221925 | Correction to active BWP ID and TRS configuration in 6.5.6.1.1 | Anritsu | agreed | R5-220932 | - |
| R5-221926 | Correction to CSI-RS offset for 6.5.3.1 | Anritsu | agreed | R5-220934 | - |
| R5-221927 | Correction to CSI report offset for 6.5.3.1 | Anritsu | agreed | R5-220935 | - |
| R5-221928 | Update to FR1 SA Scell activation and deactivation test case | Qualcomm CDMA Technologies | withdrawn | R5-221162 | - |
| R5-221929 | Core spec alignment for FR2 test case 6.3.4.3, Relative power tolerance | Ericsson | withdrawn | R5-220765 | - |
| R5-221930 | Updating message contents for REFSENS for 2DL CA exceptions testing | Huawei, Hisilicon | agreed | R5-221108 | - |
| R5-221931 | Addition of transmit power configuration for EN-DC reference sensitivity | Huawei, Hisilicon | agreed | R5-220975 | - |
| R5-221932 | Update to IWD-003 | Rohde & Schwarz | approved | - | - |
| R5-222000 | Meeting schedule for 2022-23 | WG Chairman | noted | R5-220011 | - |
| R5-222001 | Addition of new IMS over 5GS TC 11.8 eCall only mode / Automatic initiation / Emergency registration / Abnormal case / IM CN sends a 600 (Busy Everywhere) / UE performs eCall in CS domain / UTRAN or GERAN / 5GS | Qualcomm Incorporated | withdrawn | R5-221036 | - |
| R5-222002 | Applicability clauses for Idle Inactive measurement test cases | Nokia, Nokia Shanghai Bell | agreed | R5-221274 | - |
| R5-222003 | New testcase for Idle/Inactive measurements on NR cells in RRC\_INACTIVE state with configuration through SIB11 | Nokia, Nokia Shanghai Bell | agreed | R5-221197 | - |
| R5-222004 | New testcase for Idle/Inactive measurements on E-UTRA cells in RRC\_INACTIVE state with configuration through SIB11 | Nokia, Nokia Shanghai Bell | agreed | R5-221199 | - |
| R5-222005 | New testcase for Idle/Inactive measurements on NR cells in RRC\_INACTIVE state with configuration through RRCRelease | Nokia, Nokia Shanghai Bell | agreed | R5-221282 | - |
| R5-222006 | New testcase for Idle/Inactive measurements on E-UTRA cells in RRC\_INACTIVE state with configuration through RRCRelease | Nokia, Nokia Shanghai Bell | agreed | R5-221283 | - |
| R5-222007 | Correction to R16 eNS TC 9.1.10.6 | Qualcomm CDMA Technologies, Keysight Technologies UK, Anritsu Ltd | agreed | R5-220840 | - |
| R5-222008 | Correction to R16 eNS TC 9.1.10.3 | Qualcomm CDMA Technologies, Anritsu Ltd, Ericsson | agreed | R5-220841 | - |
| R5-222009 | Correction to R16 eNS TC 9.1.10.1 | Qualcomm CDMA Technologies, Keysight Technologies UK, Anritsu Ltd | agreed | R5-220842 | - |
| R5-222010 | Correction to test case name of TC 9.1.10.3 and TC 9.1.10.4 | Tejet | agreed | R5-221069 | - |
| R5-222011 | Correction to Rel16 eNS EPS Mobility Management test case | Lenovo, Motorola Mobility, MCC TF160 | agreed | R5-221093 | - |
| R5-222012 | Updates to test case 9.1.10.4 | Ericsson | agreed | R5-221240 | - |
| R5-222013 | Update of date for 5GC TC 9.2.4.1 | MediaTek Inc. | agreed | R5-220115 | - |
| R5-222014 | Correction to NR SRVCC TC 8.1.3.2.8-Inter RAT | Huawei, Hisilicon | agreed | R5-220621 | - |
| R5-222015 | Reference dedicated EPS bearer contexts for MCVideo and MCData | MCC TF160 | agreed | R5-220459 | - |
| R5-222016 | Updates to test case 7.1.4.42 | Ericsson | agreed | R5-221220 | - |
| R5-222017 | Update of date for EPC TC 9.1.5.1 | MediaTek Inc. | agreed | R5-220129 | - |
| R5-222018 | Update of date for MM NITZ TC 9.4.10 | MediaTek Inc. | agreed | R5-220130 | - |
| R5-222019 | Update of date for GMM NITZ TC 12.2.1.13 and 12.2.1.15 | MediaTek Inc. | agreed | R5-220131 | - |
| R5-222020 | Update applicability of TC 9.5.2 and 9.5.6 | MediaTek Inc. | agreed | R5-220193 | - |
| R5-222021 | Update generic procedure A.6 | Ericsson | agreed | R5-220175 | - |
| R5-222022 | Update of date for MM NITZ TC 26.7.6.1.1 | MediaTek Inc. | agreed | R5-220132 | - |
| R5-222023 | Update of date for GMM NITZ TC 44.2.9.1.1 and 44.2.9.1.3 | MediaTek Inc. | agreed | R5-220133 | - |
| R5-222024 | Update of GMM TC 44.2.5.2.5 | MediaTek Inc. | agreed | R5-220134 | - |
| R5-222025 | Update to GEA2 Encryption applicability | Bureau Veritas | agreed | R5-221411 | - |
| R5-222026 | Correction of clause 5.5.3.1 - SDP Message | MCC TF160 | agreed | R5-220471 | - |
| R5-222027 | Correction of clause 5.5.3.6 - SIMPLE-FILTER | MCC TF160 | agreed | R5-220473 | - |
| R5-222028 | Restructuring of clause 5.3 - Generic test procedures for UE MCS operation | MCC TF160 | agreed | R5-220481 | - |
| R5-222029 | Correction of MCPTT Test Case 5.3 | MCC TF160, NIST, UPV/EHU, Nemergent Solutions | withdrawn | R5-220483 | - |
| R5-222030 | Correction of Test Cases in clause 6 | MCC TF160, , UPV/EHU, Nemergent Solutions | agreed | R5-220485 | - |
| R5-222031 | Addition of PICS | MCC TF160 | agreed | R5-220487 | - |
| R5-222032 | 3GPP RAN5 work on Overall UE Certification for 3GPP Rel-16 SNPN and other verticals UE | TSG WG RAN5 | for email approval | - | - |
| R5-222033 | Revised WID on UE Conformance Test Aspects – LTE-NR & NR-NR Dual Connectivity and NR CA enhancements | Nokia, Nokia Shanghai Bell | noted | R5-221342 | - |
| R5-222034 | Applicability statement for new test cases for PDCP Duplication 3 RLC entities in NR IIoT | CMCC | agreed | R5-220047 | - |
| R5-222035 | LS on V2X PC5 link for unicast communication with null security algorithm | TSG WG RAN5 | approved | R5-221416 | - |
| R5-222036 | Correction to NR TC 11.3.6-UAC for Access Identity 2 | Huawei, Hisilicon | withdrawn | R5-220558 | - |
| R5-222037 | Corrections to TC 10.1 | ROHDE & SCHWARZ | agreed | R5-220216 | - |
| R5-222038 | Applicability statement for new test cases for NE-DC RRC | CMCC | agreed | R5-220108 | - |
| R5-222039 | Correction to cl 4.5.3 RRC\_INACTIVE generic procedure | Huawei, Hisilicon | agreed | R5-220542 | - |
| R5-222040 | Correction to NR TC 8.1.4.3.1-RRC DAPS HO Success | Huawei, Hisilicon | agreed | R5-220602 | - |
| R5-222041 | Correction to NR TC 8.1.4.3.2-RRC DAPS HO Failure | Huawei, Hisilicon | agreed | R5-220603 | - |
| R5-222042 | Correction to NR TC 8.1.4.4.4-Conditional handover and legacy handover | Huawei, Hisilicon | agreed | R5-220605 | - |
| R5-222043 | Correction to NR TCs 7.1.3.4.3 and TC 7.1.3.4.4 - PDCP DAPS HO | Huawei, Hisilicon | agreed | R5-221375 | - |
| R5-222044 | Correction to NR test case 7.1.1.9.1 | ROHDE & SCHWARZ | agreed | R5-220671 | - |
| R5-222045 | Update to applicability of NR EIEI test cases | Qualcomm Incorporated | agreed | R5-220984 | - |
| R5-222046 | Update to test case 6.4 | Qualcomm Incorporated | agreed | R5-221400 | - |
| R5-222047 | Addition of new RACS test case 9.1.9.7 | Keysight Technologies UK | agreed | R5-220292 | - |
| R5-222048 | Correction to UAC test case 11.3.1a | Keysight Technologies UK | agreed | R5-220294 | - |
| R5-222049 | Addition of NR V2X test case 12.2.1.2 | TDIA, CATT | agreed | R5-220161 | - |

## Annex B: List of change requests

1726 CRs and final revisions at RAN5#94-e (755 intermediates not shown)

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. Document | 1. Title | 1. Source | 1. Spec | 1. CR | 1. Rev | 1. Rel | 1. Cat | 1. WI | 1. Decision |
| R5-220130 | Update of date for MM NITZ TC 9.4.10 | MediaTek Inc. | 34.123-1 | 3935 | - | Rel-15 | F | TEI\_Test | revised |
| R5-222018 | Update of date for MM NITZ TC 9.4.10 | MediaTek Inc. | 34.123-1 | 3935 | 1 | Rel-15 | F | TEI\_Test | agreed |
| R5-220131 | Update of date for GMM NITZ TC 12.2.1.13 and 12.2.1.15 | MediaTek Inc. | 34.123-1 | 3936 | - | Rel-15 | F | TEI\_Test | revised |
| R5-222019 | Update of date for GMM NITZ TC 12.2.1.13 and 12.2.1.15 | MediaTek Inc. | 34.123-1 | 3936 | 1 | Rel-15 | F | TEI\_Test | agreed |
| R5-220193 | Update applicability of TC 9.5.2 and 9.5.6 | MediaTek Inc. | 34.123-2 | 0793 | - | Rel-15 | F | TEI\_Test | revised |
| R5-222020 | Update applicability of TC 9.5.2 and 9.5.6 | MediaTek Inc. | 34.123-2 | 0793 | 1 | Rel-15 | F | TEI\_Test | agreed |
| R5-220665 | Correction Ref. of Table A.18b/10 | SGS Wireless | 34.123-2 | 0794 | - | Rel-15 | F | TEI15\_Test | agreed |
| R5-220058 | Clarification on Accept-Contact header | ROHDE & SCHWARZ | 34.229-1 | 1486 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220211 | Corrections to TC 22.1 | ROHDE & SCHWARZ, Apple Inc | 34.229-1 | 1487 | - | Rel-16 | F | TEI8\_Test | agreed |
| R5-220212 | Corrections to o-lines for uniqueness | ROHDE & SCHWARZ, MCC TF160 | 34.229-1 | 1488 | - | Rel-16 | F | TEI8\_Test | agreed |
| R5-220959 | Update to Annex A.1.1 | Qualcomm Incorporated | 34.229-1 | 1489 | - | Rel-16 | F | TEI8\_Test | withdrawn |
| R5-220971 | Update to A.2.1 for eCall over IMS | Qualcomm Incorporated | 34.229-1 | 1490 | - | Rel-16 | F | TEI14\_Test, EIEI-UEConTest | agreed |
| R5-220184 | Update applicability for test case G.19.1 | Ericsson | 34.229-2 | 0300 | - | Rel-16 | F | TEI11\_Test | revised |
| R5-221409 | Update applicability for test case G.19.1 | Ericsson | 34.229-2 | 0300 | 1 | Rel-16 | F | TEI11\_Test | withdrawn |
| R5-220185 | Update applicability for test case 7.4 | Ericsson | 34.229-2 | 0301 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220194 | Add applicabilities for EVS B0 and A1 | Ericsson | 34.229-2 | 0302 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221468 | Add applicabilities for EVS B0 and A1 | Ericsson | 34.229-2 | 0302 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220213 | Corrections for IMS5GS test cases | ROHDE & SCHWARZ | 34.229-2 | 0303 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220983 | Update to applicability of test case 6.4 | Qualcomm Incorporated | 34.229-2 | 0304 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220984 | Update to applicability of NR EIEI test cases | Qualcomm Incorporated | 34.229-2 | 0305 | - | Rel-16 | F | NR\_EIEI-UEConTest | revised |
| R5-222045 | Update to applicability of NR EIEI test cases | Qualcomm Incorporated | 34.229-2 | 0305 | 1 | Rel-16 | F | NR\_EIEI-UEConTest | agreed |
| R5-221216 | Editorial update for IMS emergency service applicability | Ericsson | 34.229-2 | 0306 | - | Rel-16 | F | TEI9\_Test | revised |
| R5-221407 | Editorial update for IMS emergency service applicability | Ericsson | 34.229-2 | 0306 | 1 | Rel-16 | F | TEI9\_Test | withdrawn |
| R5-221217 | Update for IMS emergency service applicability | Ericsson | 34.229-2 | 0307 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221469 | Update for IMS emergency service applicability | Ericsson | 34.229-2 | 0307 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221218 | Updates to IMS security applicabilities | Ericsson | 34.229-2 | 0308 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220155 | Update test case 7.4a | Ericsson | 34.229-5 | 0284 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221470 | Update test case 7.4a | Ericsson | 34.229-5 | 0284 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220171 | Add generic procedure for default MO voice call | Ericsson | 34.229-5 | 0285 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220174 | Update test case 7.4 | Ericsson | 34.229-5 | 0286 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220175 | Update generic procedure A.6 | Ericsson | 34.229-5 | 0287 | - | Rel-16 | F | TEI16\_Test | revised |
| R5-222021 | Update generic procedure A.6 | Ericsson | 34.229-5 | 0287 | 1 | Rel-16 | F | TEI16\_Test | agreed |
| R5-220214 | Corrections to A.6 | ROHDE & SCHWARZ | 34.229-5 | 0288 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220215 | Corrections to usage or non-usage of mode-set | ROHDE & SCHWARZ, Apple Inc | 34.229-5 | 0289 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221471 | Corrections to usage or non-usage of mode-set | ROHDE & SCHWARZ, Apple Inc | 34.229-5 | 0289 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220216 | Corrections to TC 10.1 | ROHDE & SCHWARZ | 34.229-5 | 0290 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-222037 | Corrections to TC 10.1 | ROHDE & SCHWARZ | 34.229-5 | 0290 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220217 | Corrections to TC 10.2 | ROHDE & SCHWARZ | 34.229-5 | 0291 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221472 | Corrections to TC 10.2 | ROHDE & SCHWARZ | 34.229-5 | 0291 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220218 | Addition of IMS5GS test case 10.7 | ROHDE & SCHWARZ | 34.229-5 | 0292 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221473 | Addition of IMS5GS test case 10.7 | ROHDE & SCHWARZ | 34.229-5 | 0292 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220219 | Addition of IMS5GS TC 10.8 | ROHDE & SCHWARZ | 34.229-5 | 0293 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221474 | Addition of IMS5GS TC 10.8 | ROHDE & SCHWARZ | 34.229-5 | 0293 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220220 | Corrections to TC 7.24 | ROHDE & SCHWARZ | 34.229-5 | 0294 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220221 | Corrections to TC 7.24a | ROHDE & SCHWARZ | 34.229-5 | 0295 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220222 | Corrections to TC 7.24b | ROHDE & SCHWARZ, Huawei | 34.229-5 | 0296 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221475 | Corrections to TC 7.24b | ROHDE & SCHWARZ, Huawei | 34.229-5 | 0296 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220223 | Corrections to TC 8.8 | ROHDE & SCHWARZ | 34.229-5 | 0297 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220224 | Corrections to TC 8.34 | ROHDE & SCHWARZ | 34.229-5 | 0298 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220225 | Corrections to TC 8.35 | ROHDE & SCHWARZ | 34.229-5 | 0299 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220226 | Corrections to TC 8.36 | ROHDE & SCHWARZ | 34.229-5 | 0300 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220227 | Corrections to TC 8.37 | ROHDE & SCHWARZ | 34.229-5 | 0301 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220228 | Corrections to TC 8.38 | ROHDE & SCHWARZ | 34.229-5 | 0302 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221476 | Corrections to TC 8.38 | ROHDE & SCHWARZ | 34.229-5 | 0302 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220229 | Corrections to TC 8.41 | ROHDE & SCHWARZ | 34.229-5 | 0303 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220230 | Corrections to TC 7.25 | ROHDE & SCHWARZ | 34.229-5 | 0304 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220231 | Corrections to TC 7.27 | ROHDE & SCHWARZ, Apple Inc | 34.229-5 | 0305 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220232 | Corrections to TC 7.6 | ROHDE & SCHWARZ | 34.229-5 | 0306 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221477 | Corrections to TC 7.6 | ROHDE & SCHWARZ | 34.229-5 | 0306 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220233 | Corrections to TC 8.28 | ROHDE & SCHWARZ | 34.229-5 | 0307 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220234 | Addition of IMS5GS TC 8.39 | ROHDE & SCHWARZ | 34.229-5 | 0308 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220235 | Addition of IMS5GS TC 8.39a | ROHDE & SCHWARZ | 34.229-5 | 0309 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220236 | Corrections to TC 8.8 | ROHDE & SCHWARZ | 34.229-5 | 0310 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221478 | Corrections to TC 8.8 | ROHDE & SCHWARZ | 34.229-5 | 0310 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220237 | Corrections to TC 8.36 | ROHDE & SCHWARZ | 34.229-5 | 0311 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221479 | Corrections to TC 8.36 | ROHDE & SCHWARZ | 34.229-5 | 0311 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220238 | Corrections to test case titles | ROHDE & SCHWARZ | 34.229-5 | 0312 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220239 | Voiding unused test case numbers | ROHDE & SCHWARZ | 34.229-5 | 0313 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221480 | Voiding unused test case numbers | ROHDE & SCHWARZ | 34.229-5 | 0313 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220244 | Corrections to TC 7.26 | ROHDE & SCHWARZ | 34.229-5 | 0314 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220245 | Corrections to TC 7.20 | ROHDE & SCHWARZ, Huawei | 34.229-5 | 0315 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221481 | Corrections to TC 7.20 | ROHDE & SCHWARZ, Huawei | 34.229-5 | 0315 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220246 | Corrections to TC 7.21 | ROHDE & SCHWARZ | 34.229-5 | 0316 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221482 | Corrections to TC 7.21 | ROHDE & SCHWARZ | 34.229-5 | 0316 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220264 | Corrections to TC 10.3 | ROHDE & SCHWARZ | 34.229-5 | 0317 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220402 | Correction of 5GS IMS test case 10.9 | NTT DOCOMO, INC. | 34.229-5 | 0318 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221483 | Correction of 5GS IMS test case 10.9 | NTT DOCOMO, INC. | 34.229-5 | 0318 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220562 | Correction to NR IMS TC 7.20-MTSI MO Voice Call to add video and remove video with preconditions | Huawei, Hisilicon | 34.229-5 | 0319 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220563 | Correction to NR IMS TC 7.21-MTSI MT Voice Call to add video and remove video without preconditions | Huawei, Hisilicon | 34.229-5 | 0320 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221484 | Correction to NR IMS TC 7.21-MTSI MT Voice Call to add video and remove video without preconditions | Huawei, Hisilicon | 34.229-5 | 0320 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220564 | Correction to NR IMS TC 7.23-MTSI MT Voice Call to add video and remove video without preconditions | Huawei, Hisilicon | 34.229-5 | 0321 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221485 | Correction to NR IMS TC 7.23-MTSI MT Voice Call to add video and remove video without preconditions | Huawei, Hisilicon | 34.229-5 | 0321 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220565 | Correction to NR IMS TC 7.4-MTSI MO Voice Call with preconditions | Huawei, Hisilicon | 34.229-5 | 0322 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220566 | Correction to NR IMS TC 8.40-User initiated USSI | Huawei, Hisilicon | 34.229-5 | 0323 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221486 | Correction to NR IMS TC 8.40-User initiated USSI | Huawei, Hisilicon | 34.229-5 | 0323 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220646 | Correction to NR IMS TC 7.24b-MTSI MO Voice Call Forking | Huawei, Hisilicon | 34.229-5 | 0324 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220647 | Correction to NR IMS generic procedure A.4.1-MTSI MO Voice Call with preconditions | Huawei, Hisilicon | 34.229-5 | 0325 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220763 | Corrections to TC 10.9 | ROHDE & SCHWARZ | 34.229-5 | 0326 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220852 | Correction to IMS5GS test cases 7.21 | Qualcomm CDMA Technologies | 34.229-5 | 0327 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220985 | Addition of new IMS over 5GS TC 11.5 eCall over IMS / Automatic initiation / MSD transfer and 200 OK with ACK / SIP INFO request for MSD Update / Success / 5GS | Qualcomm Incorporated | 34.229-5 | 0328 | - | Rel-16 | F | NR\_EIEI-UEConTest | revised |
| R5-221597 | Addition of new IMS over 5GS TC 11.5 eCall over IMS / Automatic initiation / MSD transfer and 200 OK with ACK / SIP INFO request for MSD Update / Success / 5GS | Qualcomm Incorporated | 34.229-5 | 0328 | 1 | Rel-16 | F | NR\_EIEI-UEConTest | agreed |
| R5-221003 | Addition of new IMS over 5GS TC 11.6 eCall over IMS / Automatic initiation / MSD transfer and 200 OK with ACK / SIP INFO request for unsupported MSD / UE indicates unsuccessful in SIP INFO / 5GS | Qualcomm Incorporated | 34.229-5 | 0329 | - | Rel-16 | F | NR\_EIEI-UEConTest | revised |
| R5-221598 | Addition of new IMS over 5GS TC 11.6 eCall over IMS / Automatic initiation / MSD transfer and 200 OK with ACK / SIP INFO request for unsupported MSD / UE indicates unsuccessful in SIP INFO / 5GS | Qualcomm Incorporated | 34.229-5 | 0329 | 1 | Rel-16 | F | NR\_EIEI-UEConTest | agreed |
| R5-221007 | Addition of new IMS over 5GS TC 11.7 eCall only mode / Manual initiation / Emergency registration / Abnormal case / IM CN sends a 486 (Busy Here) / UE performs eCall in CS domain / UTRAN or GERAN / 5GS | Qualcomm Incorporated | 34.229-5 | 0330 | - | Rel-16 | F | NR\_EIEI-UEConTest | revised |
| R5-221599 | Addition of new IMS over 5GS TC 11.7 eCall only mode / Manual initiation / Emergency registration / Abnormal case / IM CN sends a 486 (Busy Here) / UE performs eCall in CS domain / UTRAN or GERAN / 5GS | Qualcomm Incorporated | 34.229-5 | 0330 | 1 | Rel-16 | F | NR\_EIEI-UEConTest | withdrawn |
| R5-221036 | Addition of new IMS over 5GS TC 11.8 eCall only mode / Automatic initiation / Emergency registration / Abnormal case / IM CN sends a 600 (Busy Everywhere) / UE performs eCall in CS domain / UTRAN or GERAN / 5GS | Qualcomm Incorporated | 34.229-5 | 0331 | - | Rel-16 | F | NR\_EIEI-UEConTest | revised |
| R5-222001 | Addition of new IMS over 5GS TC 11.8 eCall only mode / Automatic initiation / Emergency registration / Abnormal case / IM CN sends a 600 (Busy Everywhere) / UE performs eCall in CS domain / UTRAN or GERAN / 5GS | Qualcomm Incorporated | 34.229-5 | 0331 | 1 | Rel-16 | F | NR\_EIEI-UEConTest | withdrawn |
| R5-221037 | Corrections to TC 10.3 | ROHDE & SCHWARZ | 34.229-5 | 0332 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221487 | Corrections to TC 10.3 | ROHDE & SCHWARZ | 34.229-5 | 0332 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221219 | Update of XCAP test case Preambles | Ericsson | 34.229-5 | 0333 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221488 | Update of XCAP test case Preambles | Ericsson | 34.229-5 | 0333 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221387 | Corrections to A.9 | ROHDE & SCHWARZ | 34.229-5 | 0334 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221489 | Corrections to A.9 | ROHDE & SCHWARZ | 34.229-5 | 0334 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221400 | Update to test case 6.4 | Qualcomm Incorporated | 34.229-5 | 0335 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-222046 | Update to test case 6.4 | Qualcomm Incorporated | 34.229-5 | 0335 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220300 | Update SCG-Configuration-r12-NE-DC | Ericsson | 36.508 | 1382 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220459 | Reference dedicated EPS bearer contexts for MCVideo and MCData | MCC TF160 | 36.508 | 1383 | - | Rel-17 | F | TEI14\_Test, MCImp-UEConTest | revised |
| R5-222015 | Reference dedicated EPS bearer contexts for MCVideo and MCData | MCC TF160 | 36.508 | 1383 | 1 | Rel-17 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220620 | Correction to default AT command and information element | Huawei, Hisilicon | 36.508 | 1384 | - | Rel-17 | F | TEI14\_Test | agreed |
| R5-220826 | Update to GNSS configuration for E-UTRA V2X | Huawei, HiSilicon | 36.508 | 1385 | - | Rel-17 | F | TEI14\_Test, LTE\_V2X-UEConTest | revised |
| R5-221914 | Update to GNSS configuration for E-UTRA V2X | Huawei, HiSilicon | 36.508 | 1385 | 1 | Rel-17 | F | TEI14\_Test, LTE\_V2X-UEConTest | agreed |
| R5-220827 | Update to GNSS configuration for LTE aerial testing | Huawei, HiSilicon | 36.508 | 1386 | - | Rel-17 | F | TEI15\_Test, LTE\_Aerial-UEConTest | revised |
| R5-221915 | Update to GNSS configuration for LTE aerial testing | Huawei, HiSilicon | 36.508 | 1386 | 1 | Rel-17 | F | TEI15\_Test, LTE\_Aerial-UEConTest | agreed |
| R5-220851 | Updates to Table 4.7.3-6 for "without N26 Interface" | Qualcomm CDMA Technologies | 36.508 | 1387 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220853 | Correction of 4.1.1 on lower humidity limit in temperature test environment | Samsung R&D Institute UK, ZTE Corporation | 36.508 | 1388 | - | Rel-17 | F | TEI8\_Test | revised |
| R5-221916 | Correction of 4.1.1 on lower humidity limit in temperature test environment | Samsung R&D Institute UK, ZTE Corporation | 36.508 | 1388 | 1 | Rel-17 | F | TEI8\_Test | agreed |
| R5-221084 | RACS updates to default message content of Attach and TAU accept messages | Qualcomm Incorporated | 36.508 | 1389 | - | Rel-17 | F | RACS-UEConTest | agreed |
| R5-221272 | Correction of NB-IoT test frequency for band 85 | ROHDE & SCHWARZ | 36.508 | 1390 | - | Rel-17 | F | TEI13\_Test, NB\_IOT-UEConTest | revised |
| R5-221917 | Correction of NB-IoT test frequency for band 85 | ROHDE & SCHWARZ | 36.508 | 1390 | 1 | Rel-17 | F | TEI13\_Test, NB\_IOT-UEConTest | agreed |
| R5-221085 | Addition of predefined UE capability message container for test function Set UL Message | Qualcomm Incorporated | 36.509 | 0210 | - | Rel-16 | F | RACS-UEConTest | revised |
| R5-221542 | Addition of predefined UE capability message container for test function Set UL Message | Qualcomm Incorporated | 36.509 | 0210 | 1 | Rel-16 | F | RACS-UEConTest | agreed |
| R5-220055 | Correction of 6.6.2.2\_2 Additional Spectrum Emission Mask | MediaTek Inc. | 36.521-1 | 5396 | - | Rel-17 | F | TEI14\_Test | revised |
| R5-221918 | Correction of 6.6.2.2\_2 Additional Spectrum Emission Mask | MediaTek Inc. | 36.521-1 | 5396 | 1 | Rel-17 | F | TEI14\_Test | agreed |
| R5-220448 | Correction of UL CA configurations for CA\_25A-41A,CA\_25A-25A-41A, CA\_25A-41C, CA\_25A-25A-41C and CA\_25A-41D in Table 5.4.2A.1-2 | Ericsson | 36.521-1 | 5397 | - | Rel-17 | F | LTE\_CA\_R16-UEConTest | agreed |
| R5-220674 | Removing editors note in CA test cases | DEKRA | 36.521-1 | 5398 | - | Rel-17 | F | LTE\_CA\_R15-UEConTest | revised |
| R5-221754 | Removing editors note in CA test cases | DEKRA | 36.521-1 | 5398 | 1 | Rel-17 | F | LTE\_CA\_R15-UEConTest | agreed |
| R5-220675 | Addition of new test case in Annex F.1.5 and Annex F.3.5 | DEKRA | 36.521-1 | 5399 | - | Rel-17 | F | LTE\_CA\_R15-UEConTest | agreed |
| R5-221144 | Update to maximum output power for UL CA Band combo 2A-46A | Qualcomm Tech. Netherlands B.V | 36.521-1 | 5400 | - | Rel-17 | F | TEI14\_Test, LTE\_CA\_R14-UEConTest | agreed |
| R5-221271 | Correction of maximum output power for CA test case | ROHDE & SCHWARZ | 36.521-1 | 5401 | - | Rel-17 | F | TEI10\_Test | revised |
| R5-221919 | Correction of maximum output power for CA test case | ROHDE & SCHWARZ | 36.521-1 | 5401 | 1 | Rel-17 | F | TEI10\_Test | agreed |
| R5-221364 | Correction of RB allocation in LTE MPR CA test case | Apple Portugal | 36.521-1 | 5402 | - | Rel-17 | F | TEI10\_Test | agreed |
| R5-220348 | Add applicability of new feMob RRM test cases | ZTE Corporation, Huawei, HiSilicon | 36.521-2 | 0975 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-221799 | Add applicability of new feMob RRM test cases | ZTE Corporation, Huawei, HiSilicon | 36.521-2 | 0975 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-220825 | Addition of test applicability of DAPS handover test cases | Huawei, HiSilicon | 36.521-2 | 0976 | - | Rel-16 | F | LTE\_feMob-UEConTest | withdrawn |
| R5-221177 | Update to Inter Band UL CA Band combo 2A-46A | Qualcomm Tech. Netherlands B.V | 36.521-2 | 0977 | - | Rel-16 | F | TEI14\_Test, LTE\_CA\_R14-UEConTest | agreed |
| R5-221312 | Addition conditional handover test cases applicability | Ericsson | 36.521-2 | 0978 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-221800 | Addition conditional handover test cases applicability | Ericsson | 36.521-2 | 0978 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-220337 | Addition of new feMob test case 5.1.42 | ZTE, Tejet, SRTC | 36.521-3 | 2598 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-221801 | Addition of new feMob test case 5.1.42 | ZTE, Tejet, SRTC | 36.521-3 | 2598 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-220338 | Addition of new feMob test case 5.1.43 | ZTE, Tejet, SRTC | 36.521-3 | 2599 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-221802 | Addition of new feMob test case 5.1.43 | ZTE, Tejet, SRTC | 36.521-3 | 2599 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-220339 | Addition of new feMob test case 5.1.44 | ZTE, Tejet, SRTC | 36.521-3 | 2600 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-221803 | Addition of new feMob test case 5.1.44 | ZTE, Tejet, SRTC | 36.521-3 | 2600 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-220340 | Addition of new feMob test case 5.1.45 | ZTE, SRTC, Tejet | 36.521-3 | 2601 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-221804 | Addition of new feMob test case 5.1.45 | ZTE, SRTC, Tejet | 36.521-3 | 2601 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-220341 | Addition of new feMob test case 5.1.46 | ZTE, SRTC, Tejet | 36.521-3 | 2602 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-221805 | Addition of new feMob test case 5.1.46 | ZTE, SRTC, Tejet | 36.521-3 | 2602 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-220342 | Addition of new feMob test case 5.1.53 | ZTE, SRTC, Tejet | 36.521-3 | 2603 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-221806 | Addition of new feMob test case 5.1.53 | ZTE, SRTC, Tejet | 36.521-3 | 2603 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-220343 | Addition of new feMob test case 5.1.54 | ZTE, SRTC, Tejet | 36.521-3 | 2604 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-221807 | Addition of new feMob test case 5.1.54 | ZTE, SRTC, Tejet | 36.521-3 | 2604 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-220344 | Addition of new feMob test case 5.1.55 | ZTE Corporation | 36.521-3 | 2605 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-221808 | Addition of new feMob test case 5.1.55 | ZTE Corporation | 36.521-3 | 2605 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-220345 | Addition of new feMob test case 5.1.56 | ZTE Corporation | 36.521-3 | 2606 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-221809 | Addition of new feMob test case 5.1.56 | ZTE Corporation | 36.521-3 | 2606 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-220346 | Addition of new feMob test case 5.1.57 | ZTE Corporation | 36.521-3 | 2607 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-221810 | Addition of new feMob test case 5.1.57 | ZTE Corporation | 36.521-3 | 2607 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-220347 | Addition of new feMob test case 5.1.58 | ZTE Corporation | 36.521-3 | 2608 | - | Rel-16 | F | LTE\_feMob-UEConTest | revised |
| R5-221811 | Addition of new feMob test case 5.1.58 | ZTE Corporation | 36.521-3 | 2608 | 1 | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-220372 | Correction of Default Configuration Parameters for Test 1 in Test Case 7.1.11 | STMicroelectronics | 36.521-3 | 2609 | - | Rel-16 | F | TEI13\_Test | revised |
| R5-221622 | Correction of Default Configuration Parameters for Test 1 in Test Case 7.1.11 | STMicroelectronics | 36.521-3 | 2609 | 1 | Rel-16 | F | TEI13\_Test | withdrawn |
| R5-220676 | Removing editors note in CA test cases | DEKRA | 36.521-3 | 2610 | - | Rel-16 | F | LTE\_CA\_R15-UEConTest | revised |
| R5-221755 | Removing editors note in CA test cases | DEKRA | 36.521-3 | 2610 | 1 | Rel-16 | F | LTE\_CA\_R15-UEConTest | agreed |
| R5-220677 | Addition of new test case in Annex F.1.2 and Annex F.3.2 | DEKRA | 36.521-3 | 2611 | - | Rel-16 | F | LTE\_CA\_R15-UEConTest | revised |
| R5-221756 | Addition of new test case in Annex F.1.2 and Annex F.3.2 | DEKRA | 36.521-3 | 2611 | 1 | Rel-16 | F | LTE\_CA\_R15-UEConTest | agreed |
| R5-220824 | Addition of 5.1.41 inter-frequency DAPS handover | Huawei, HiSilicon | 36.521-3 | 2612 | - | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-221305 | Addition of Intra frequency conditional handover Test Case 5.1.47 | Ericsson | 36.521-3 | 2613 | - | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-221306 | Addition of Intra frequency conditional handover Test Case 5.1.48 | Ericsson | 36.521-3 | 2614 | - | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-221307 | Addition of Inter frequency conditional handover Test Case 5.1.49 | Ericsson | 36.521-3 | 2615 | - | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-221308 | Addition of Inter frequency conditional handover Test Case 5.1.50 | Ericsson | 36.521-3 | 2616 | - | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-221309 | Addition of Inter frequency conditional handover Test Case 5.1.51 | Ericsson | 36.521-3 | 2617 | - | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-221310 | Addition of Inter frequency conditional handover Test Case 5.1.52 | Ericsson | 36.521-3 | 2618 | - | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-221311 | Addition of cell configuration mapping for conditional handover test cases in Annex E | Ericsson | 36.521-3 | 2619 | - | Rel-16 | F | LTE\_feMob-UEConTest | agreed |
| R5-220129 | Update of date for EPC TC 9.1.5.1 | MediaTek Inc. | 36.523-1 | 5072 | - | Rel-17 | F | TEI8\_Test | revised |
| R5-222017 | Update of date for EPC TC 9.1.5.1 | MediaTek Inc. | 36.523-1 | 5072 | 1 | Rel-17 | F | TEI8\_Test | agreed |
| R5-220157 | Correction to NB-IoT test case 22.4.13 | TDIA, CATT | 36.523-1 | 5073 | - | Rel-17 | F | TEI15\_Test, NB\_IOTenh2-UEConTest | agreed |
| R5-220610 | Addtion of LTE TC 8.2.4.31.4-Conditional handover | Huawei, Hisilicon | 36.523-1 | 5074 | - | Rel-17 | F | LTE\_feMob-UEConTest | revised |
| R5-221490 | Addtion of LTE TC 8.2.4.31.4-Conditional handover | Huawei, Hisilicon | 36.523-1 | 5074 | 1 | Rel-17 | F | LTE\_feMob-UEConTest | agreed |
| R5-221067 | Updates to LTE audit TC 8.5.4.1 | MCC TF160 | 36.523-1 | 5075 | - | Rel-17 | F | TEI16\_Test | revised |
| R5-221405 | Updates to LTE audit TC 8.5.4.1 | MCC TF160 | 36.523-1 | 5075 | 1 | Rel-17 | F | TEI16\_Test | agreed |
| R5-221073 | Update to EIEI test case 11.3.2 | Qualcomm Incorporated | 36.523-1 | 5076 | - | Rel-17 | F | TEI14\_Test, EIEI-UEConTest | agreed |
| R5-221074 | Update to EIEI test case 11.3.6 | Qualcomm Incorporated | 36.523-1 | 5077 | - | Rel-17 | F | TEI14\_Test, EIEI-UEConTest | agreed |
| R5-221076 | Addition of new RACS test case 9.2.5.1 | Qualcomm Incorporated | 36.523-1 | 5078 | - | Rel-17 | F | RACS-UEConTest | agreed |
| R5-221079 | Addition of new RACS test case 9.2.5.2 | Qualcomm Incorporated | 36.523-1 | 5079 | - | Rel-17 | F | RACS-UEConTest | revised |
| R5-221543 | Addition of new RACS test case 9.2.5.2 | Qualcomm Incorporated | 36.523-1 | 5079 | 1 | Rel-17 | F | RACS-UEConTest | agreed |
| R5-221081 | Addition of new RACS test case 9.2.5.3 | Qualcomm Incorporated | 36.523-1 | 5080 | - | Rel-17 | F | RACS-UEConTest | agreed |
| R5-221086 | Update of network requested CA band combination test cases 8.5.4.2 and 8.5.4.3 | Qualcomm Incorporated | 36.523-1 | 5081 | - | Rel-17 | F | RACS-UEConTest | revised |
| R5-221544 | Update of network requested CA band combination test cases 8.5.4.2 and 8.5.4.3 | Qualcomm Incorporated | 36.523-1 | 5081 | 1 | Rel-17 | F | RACS-UEConTest | agreed |
| R5-221220 | Updates to test case 7.1.4.42 | Ericsson | 36.523-1 | 5082 | - | Rel-17 | F | TEI15\_Test, LTE\_eMTC4-UEConTest | revised |
| R5-222016 | Updates to test case 7.1.4.42 | Ericsson | 36.523-1 | 5082 | 1 | Rel-17 | F | TEI15\_Test, LTE\_eMTC4-UEConTest | agreed |
| R5-221221 | Updates to test case 8.5.4.1 | Ericsson | 36.523-1 | 5083 | - | Rel-17 | F | TEI15\_Test, LTE\_eMTC4-UEConTest | agreed |
| R5-220176 | Update applicability for IMS emergency | Ericsson | 36.523-2 | 1366 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221408 | Update applicability for IMS emergency | Ericsson | 36.523-2 | 1366 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220611 | Correction to applicability for LTE feMob | Huawei, Hisilicon | 36.523-2 | 1367 | - | Rel-17 | F | LTE\_feMob-UEConTest | agreed |
| R5-221075 | Addition of applicability for RACS test cases | Qualcomm Incorporated | 36.523-2 | 1368 | - | Rel-17 | F | RACS-UEConTest | agreed |
| R5-220460 | Routine maintenance for TS 36.523-3 | MCC TF160 | 36.523-3 | 4665 | - | Rel-17 | F | TEI8\_Test | withdrawn |
| R5-220401 | Additional Rel-15 parameters for MCVideo User Profile 5.5.8.7 | NIST | 36.579-1 | 0230 | - | Rel-15 | F | MCenhUEConTest | revised |
| R5-221545 | Additional Rel-15 parameters for MCVideo User Profile 5.5.8.7 | NIST | 36.579-1 | 0230 | 1 | Rel-15 | F | MCenhUEConTest | agreed |
| R5-220461 | Correction of clause 2 - References | MCC TF160 | 36.579-1 | 0231 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220462 | Correction of clause 5.4 - Generic test procedures for UE operation over E-UTRA/EPC | MCC TF160 | 36.579-1 | 0232 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220463 | Correction of clause 5.5.11 - Default MCVideo Transmission Control Messages and other Information Elements | MCC TF160 | 36.579-1 | 0233 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220464 | Correction of clause 5.5.12 - MSRP Messages for MCData | MCC TF160 | 36.579-1 | 0234 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220465 | Correction of clause 5.5.2.16 - SIP 1xx | MCC TF160 | 36.579-1 | 0235 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220466 | Correction of clause 5.5.2.17 - SIP 2xx | MCC TF160 | 36.579-1 | 0236 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220467 | Correction of clause 5.5.2.5 - SIP INVITE | MCC TF160 | 36.579-1 | 0237 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220468 | Correction of clause 5.5.2.7 - SIP MESSAGE | MCC TF160 | 36.579-1 | 0238 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220469 | Correction of clause 5.5.2-11 - SIP PUBLISH | MCC TF160 | 36.579-1 | 0239 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220470 | Correction of clause 5.5.2-8 - SIP NOTIFY | MCC TF160 | 36.579-1 | 0240 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220471 | Correction of clause 5.5.3.1 - SDP Message | MCC TF160 | 36.579-1 | 0241 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | revised |
| R5-222026 | Correction of clause 5.5.3.1 - SDP Message | MCC TF160 | 36.579-1 | 0241 | 1 | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220472 | Correction of clause 5.5.3.10 - MCData Protected Payload Message | MCC TF160 | 36.579-1 | 0242 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220473 | Correction of clause 5.5.3.6 - SIMPLE-FILTER | MCC TF160 | 36.579-1 | 0243 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | revised |
| R5-222027 | Correction of clause 5.5.3.6 - SIMPLE-FILTER | MCC TF160 | 36.579-1 | 0243 | 1 | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220474 | Correction of clause 5.5.3.8 - MCData Data signalling messages | MCC TF160 | 36.579-1 | 0244 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220475 | Correction of clause 5.5.4 - Default HTTP message and other information elements | MCC TF160 | 36.579-1 | 0245 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220476 | Correction of clause 5.5.6 - Default MCPTT media plane control messages and other information elements | MCC TF160 | 36.579-1 | 0246 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220477 | Correction of clause 5.5.7 - Default MCX group management messages and other information elements | MCC TF160 | 36.579-1 | 0247 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220478 | Correction of clause 5.5.8 - Default MCS configuration management messages and other information elements | MCC TF160 | 36.579-1 | 0248 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220479 | Correction of clause 5.5.9.1 - CSK download by the SS | MCC TF160 | 36.579-1 | 0249 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220480 | Removal of clause 5.5.3.13 | MCC TF160 | 36.579-1 | 0250 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220481 | Restructuring of clause 5.3 - Generic test procedures for UE MCS operation | MCC TF160 | 36.579-1 | 0251 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | revised |
| R5-222028 | Restructuring of clause 5.3 - Generic test procedures for UE MCS operation | MCC TF160 | 36.579-1 | 0251 | 1 | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220482 | Correction of MCPTT Test Case 5.2 | MCC TF160 | 36.579-2 | 0280 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-220483 | Correction of MCPTT Test Case 5.3 | MCC TF160, NIST, UPV/EHU, Nemergent Solutions | 36.579-2 | 0281 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-222029 | Correction of MCPTT Test Case 5.3 | MCC TF160, NIST, UPV/EHU, Nemergent Solutions | 36.579-2 | 0281 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | withdrawn |
| R5-220484 | Correction of MCPTT Test Case 5.5 | MCC TF160 | 36.579-2 | 0282 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220485 | Correction of Test Cases in clause 6 | MCC TF160, , UPV/EHU, Nemergent Solutions | 36.579-2 | 0283 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | revised |
| R5-222030 | Correction of Test Cases in clause 6 | MCC TF160, , UPV/EHU, Nemergent Solutions | 36.579-2 | 0283 | 1 | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-220486 | MCPTT condition clarification | MCC TF160 | 36.579-2 | 0284 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-221082 | Correction of MCPTT Test Case 6.2.2 | UPV/EHU, Nemergent Solutions | 36.579-2 | 0285 | - | Rel-15 | F | TEI14\_Test, MCPTT-ConTest | withdrawn |
| R5-221083 | Correction of MCPTT Test Case 6.1.1.17 | UPV/EHU, Nemergent Solutions | 36.579-2 | 0286 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | withdrawn |
| R5-220487 | Addition of PICS | MCC TF160 | 36.579-4 | 0021 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | revised |
| R5-222031 | Addition of PICS | MCC TF160 | 36.579-4 | 0021 | 1 | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-221101 | Misc. updates to MC client test cases | MCC TF160 | 36.579-4 | 0022 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220488 | Routine maintenance for TS 36.579-5 | MCC TF160 | 36.579-5 | 0070 | - | Rel-14 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220303 | New MCVideo TC 6.4.1 Video Pull | NIST | 36.579-6 | 0032 | - | Rel-15 | F | MCenhUEConTest | revised |
| R5-221546 | New MCVideo TC 6.4.1 Video Pull | NIST | 36.579-6 | 0032 | 1 | Rel-15 | F | MCenhUEConTest | agreed |
| R5-220304 | New MCVideo TC 6.5.1 Video Push | NIST | 36.579-6 | 0033 | - | Rel-15 | F | MCenhUEConTest | revised |
| R5-221547 | New MCVideo TC 6.5.1 Video Push | NIST | 36.579-6 | 0033 | 1 | Rel-15 | F | MCenhUEConTest | agreed |
| R5-220305 | New MCVideo TC 6.3.1 Emergency Alert CO | NIST | 36.579-6 | 0034 | - | Rel-15 | F | MCenhUEConTest | revised |
| R5-221548 | New MCVideo TC 6.3.1 Emergency Alert CO | NIST | 36.579-6 | 0034 | 1 | Rel-15 | F | MCenhUEConTest | agreed |
| R5-220400 | New MCVideo TC 6.7.1 Remote Initiated Ambient Viewing CO | NIST | 36.579-6 | 0035 | - | Rel-15 | F | MCenhUEConTest | revised |
| R5-221549 | New MCVideo TC 6.7.1 Remote Initiated Ambient Viewing CO | NIST | 36.579-6 | 0035 | 1 | Rel-15 | F | MCenhUEConTest | agreed |
| R5-220489 | Correction of MCVideo Test Case 5.1 | MCC TF160 | 36.579-6 | 0036 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220490 | Correction of MCVideo Test Case 5.2 | MCC TF160 | 36.579-6 | 0037 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220491 | Correction of MCVideo Test Case 5.3 | MCC TF160 | 36.579-6 | 0038 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220492 | Correction of MCVideo Test Case 5.4 | MCC TF160 | 36.579-6 | 0039 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220493 | MCVideo condition clarification | MCC TF160 | 36.579-6 | 0040 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220511 | New MCVideo TC 6.7.2 Remote Initiated Ambient Viewing CT | NIST | 36.579-6 | 0041 | - | Rel-15 | F | MCenhUEConTest | revised |
| R5-221550 | New MCVideo TC 6.7.2 Remote Initiated Ambient Viewing CT | NIST | 36.579-6 | 0041 | 1 | Rel-15 | F | MCenhUEConTest | agreed |
| R5-220512 | New MCVideo TC Selected Group Change of Targeted User CO | NIST | 36.579-6 | 0042 | - | Rel-15 | F | MCenhUEConTest | revised |
| R5-221551 | New MCVideo TC Selected Group Change of Targeted User CO | NIST | 36.579-6 | 0042 | 1 | Rel-15 | F | MCenhUEConTest | agreed |
| R5-220854 | New MCVideo TC Selected Group Change of Targeted User CT | NIST | 36.579-6 | 0043 | - | Rel-15 | F | MCenhUEConTest | revised |
| R5-221552 | New MCVideo TC Selected Group Change of Targeted User CT | NIST | 36.579-6 | 0043 | 1 | Rel-15 | F | MCenhUEConTest | agreed |
| R5-220855 | New MCVideo TC Conference Event Package | NIST | 36.579-6 | 0044 | - | Rel-15 | F | MCenhUEConTest | revised |
| R5-221553 | New MCVideo TC Conference Event Package | NIST | 36.579-6 | 0044 | 1 | Rel-15 | F | MCenhUEConTest | agreed |
| R5-220857 | New MCVideo TC 6.3.2 Emergency Alert CT | NIST | 36.579-6 | 0045 | - | Rel-15 | F | MCenhUEConTest | revised |
| R5-221554 | New MCVideo TC 6.3.2 Emergency Alert CT | NIST | 36.579-6 | 0045 | 1 | Rel-15 | F | MCenhUEConTest | agreed |
| R5-221343 | New MCVideo TC MBMS | NIST | 36.579-6 | 0046 | - | Rel-15 | F | MCenhUEConTest | revised |
| R5-221555 | New MCVideo TC MBMS | NIST | 36.579-6 | 0046 | 1 | Rel-15 | F | MCenhUEConTest | agreed |
| R5-220494 | Addition of test files to annex A | MCC TF160 | 36.579-7 | 0013 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | revised |
| R5-221404 | Addition of test files to annex A | MCC TF160 | 36.579-7 | 0013 | 1 | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220495 | Correction of clause 2 - References | MCC TF160 | 36.579-7 | 0014 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220496 | Correction of clause 6.1 - Short Data Service | MCC TF160 | 36.579-7 | 0015 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220497 | Correction of clause 6.2 - File Distribution Test Cases | MCC TF160 | 36.579-7 | 0016 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220498 | Correction of clause 6.3 - Enhanced Status Test Cases | MCC TF160 | 36.579-7 | 0017 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220499 | Correction of MCData Test Case 5.2 | MCC TF160 | 36.579-7 | 0018 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220500 | Correction of MCData Test Case 5.3 | MCC TF160 | 36.579-7 | 0019 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220501 | Correction of MCData Test Case 5.4 | MCC TF160 | 36.579-7 | 0020 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220502 | MCData condition clarification | MCC TF160 | 36.579-7 | 0021 | - | Rel-15 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-220518 | Addition of test cases for UE Rx-Tx time difference measurement period | CATT | 37.571-1 | 0356 | - | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-220519 | Addition of UE Rx-Tx time difference measurement test uncertainties and test parameter relaxations | CATT | 37.571-1 | 0357 | - | Rel-16 | F | NR\_pos-UEConTest | revised |
| R5-221887 | Addition of UE Rx-Tx time difference measurement test uncertainties and test parameter relaxations | CATT | 37.571-1 | 0357 | 1 | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-220534 | Update test applicability to allow for support of limited GNSS combinations for 5G tests | Bureau Veritas, Spirent Communications | 37.571-1 | 0358 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220535 | Update test applicability to allow for support of limited GNSS combinations | Bureau Veritas, Spirent Communications | 37.571-1 | 0359 | - | Rel-16 | F | TEI6\_Test | agreed |
| R5-221201 | Update for the signal conditions for FR2 test cases | ROHDE & SCHWARZ | 37.571-1 | 0360 | - | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-221202 | New NR RSTD test case 14.2.1 | ROHDE & SCHWARZ | 37.571-1 | 0361 | - | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-221203 | New NR RSTD test case 14.2.2 | ROHDE & SCHWARZ | 37.571-1 | 0362 | - | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-221204 | New NR RSTD test case 14.3.1 | ROHDE & SCHWARZ | 37.571-1 | 0363 | - | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-221205 | New NR RSTD test case 14.3.2 | ROHDE & SCHWARZ | 37.571-1 | 0364 | - | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-221206 | New NR PRS-RSRP test case 16.2.1 | ROHDE & SCHWARZ | 37.571-1 | 0365 | - | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-221207 | New NR PRS-RSRP test case 16.2.2 | ROHDE & SCHWARZ | 37.571-1 | 0366 | - | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-221208 | New NR PRS-RSRP test case 16.3.1 | ROHDE & SCHWARZ | 37.571-1 | 0367 | - | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-220522 | Addition of TC 9.4.1 PosSIB broadcasting followed by location information transfer | CATT | 37.571-2 | 0156 | - | Rel-16 | F | NR\_pos-UEConTest | revised |
| R5-221592 | Addition of TC 9.4.1 PosSIB broadcasting followed by location information transfer | CATT | 37.571-2 | 0156 | 1 | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-220523 | Correction of the assistance data elements for NR positioning support | CATT | 37.571-2 | 0157 | - | Rel-16 | F | NR\_pos-UEConTest | revised |
| R5-221593 | Correction of the assistance data elements for NR positioning support | CATT | 37.571-2 | 0157 | 1 | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-220520 | Addition of test applicabilities for NR UE Rx-Tx time difference measurement test cases | CATT | 37.571-3 | 0150 | - | Rel-16 | F | NR\_pos-UEConTest | revised |
| R5-221888 | Addition of test applicabilities for NR UE Rx-Tx time difference measurement test cases | CATT | 37.571-3 | 0150 | 1 | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-220521 | Addition of test applicabilities for PosSIB broadcasting test case | CATT | 37.571-3 | 0151 | - | Rel-16 | F | NR\_pos-UEConTest | revised |
| R5-221594 | Addition of test applicabilities for PosSIB broadcasting test case | CATT | 37.571-3 | 0151 | 1 | Rel-16 | F | NR\_pos-UEConTest | agreed |
| R5-220457 | 5G V2X: GNSS Test Model updates for NR sidelink | MCC TF160 | 37.571-4 | 0156 | - | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220513 | Updates to A.7.1.1.1 and A.9.1.1.1 test points | Qualcomm communications-France | 37.901-5 | 0024 | - | Rel-16 | F | FS\_UE\_5GNR\_App\_Data\_Perf | agreed |
| R5-220514 | Updates to A.7.1.2.1 and A.9.1.2.1 | Qualcomm communications-France | 37.901-5 | 0025 | - | Rel-16 | F | FS\_UE\_5GNR\_App\_Data\_Perf | agreed |
| R5-220515 | Updates to A.10 and Annex.11 for Downlink Throughput tests with Variable Reference Channel | Qualcomm communications-France | 37.901-5 | 0026 | - | Rel-16 | F | FS\_UE\_5GNR\_App\_Data\_Perf | revised |
| R5-221784 | Updates to A.10 and Annex.11 for Downlink Throughput tests with Variable Reference Channel | Qualcomm communications-France | 37.901-5 | 0026 | 1 | Rel-16 | F | FS\_UE\_5GNR\_App\_Data\_Perf | agreed |
| R5-220516 | Updates to Conclusion | Qualcomm communications-France | 37.901-5 | 0027 | - | Rel-16 | F | FS\_UE\_5GNR\_App\_Data\_Perf | revised |
| R5-221785 | Updates to Conclusion | Qualcomm communications-France | 37.901-5 | 0027 | 1 | Rel-16 | F | FS\_UE\_5GNR\_App\_Data\_Perf | agreed |
| R5-220517 | Updates to Annex.B | Qualcomm communications-France | 37.901-5 | 0028 | - | Rel-16 | F | FS\_UE\_5GNR\_App\_Data\_Perf | revised |
| R5-221786 | Updates to Annex.B | Qualcomm communications-France | 37.901-5 | 0028 | 1 | Rel-16 | F | FS\_UE\_5GNR\_App\_Data\_Perf | agreed |
| R5-220039 | Updated the related RRC information for DSS | CMCC | 38.508-1 | 2167 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221670 | Updated the related RRC information for DSS | CMCC | 38.508-1 | 2167 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220048 | Update of NR CA configurations for Protocol testing with NR CA 3CC | CMCC, WE Certification, DISH Network, Ericsson | 38.508-1 | 2168 | - | Rel-17 | F | NR\_IioT-UEConTest | revised |
| R5-221491 | Update of NR CA configurations for Protocol testing with NR CA 3CC | CMCC, WE Certification, DISH Network, Ericsson | 38.508-1 | 2168 | 1 | Rel-17 | F | NR\_IioT-UEConTest | agreed |
| R5-220049 | Update of inter-band cell environment for Protocol testing with NR CA 3CC | CMCC | 38.508-1 | 2169 | - | Rel-17 | F | NR\_IioT-UEConTest | revised |
| R5-221492 | Update of inter-band cell environment for Protocol testing with NR CA 3CC | CMCC | 38.508-1 | 2169 | 1 | Rel-17 | F | NR\_IioT-UEConTest | agreed |
| R5-220067 | Removal of CBW 40MHz of n25 from Table 4.3.1.0C-1 High Test Channel bandwidths for each NR band, FR1 | CAICT | 38.508-1 | 2170 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | withdrawn |
| R5-220090 | Correction of clause title tyles of 4.3.1.1.1.x | CAICT | 38.508-1 | 2171 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220094 | Correction of test channel bandwidth for n38 | CAICT | 38.508-1 | 2172 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-220103 | Update chapter 4.5.1 General | Ericsson | 38.508-1 | 2173 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221419 | Update chapter 4.5.1 General | Ericsson | 38.508-1 | 2173 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220104 | Update RRCReconfiguration | Ericsson | 38.508-1 | 2174 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220105 | Update IE P-Max | Ericsson | 38.508-1 | 2175 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220111 | Correction to test procedure 4.9.11 IMS Emergency call or eCall over IMS establishment in 5GC with IMS emergency registration | MediaTek Inc. | 38.508-1 | 2176 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221424 | Correction to test procedure 4.9.11 IMS Emergency call or eCall over IMS establishment in 5GC with IMS emergency registration | MediaTek Inc. | 38.508-1 | 2176 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220112 | Correction to test procedure 4.9.12 IMS Emergency call or eCall over IMS establishment in 5GC without IMS emergency registration | MediaTek Inc., Anritsu | 38.508-1 | 2177 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221425 | Correction to test procedure 4.9.12 IMS Emergency call or eCall over IMS establishment in 5GC without IMS emergency registration | MediaTek Inc., Anritsu | 38.508-1 | 2177 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220143 | Update IE FreqBandList | Ericsson | 38.508-1 | 2178 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220144 | Update IE CellGroupConfig | Ericsson | 38.508-1 | 2179 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220145 | Editorial update IE CellGroupId | Ericsson | 38.508-1 | 2180 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220146 | Editorial update IE PDCCH-ConfigCommon | Ericsson | 38.508-1 | 2181 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220147 | Editorial update IE SCellIndex | Ericsson | 38.508-1 | 2182 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220148 | Editorial update IE ServCellIndex | Ericsson | 38.508-1 | 2183 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220149 | Editorial update IE RAT-Type | Ericsson | 38.508-1 | 2184 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220170 | Add test frequencies for R17 NR inter-band CA configurations in FR1 | China Telecommunications | 38.508-1 | 2185 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-221871 | Add test frequencies for R17 NR inter-band CA configurations in FR1 | China Telecommunications | 38.508-1 | 2185 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220186 | Editorial update of test procedure 4.9.15 | MediaTek Inc. | 38.508-1 | 2186 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220198 | Addition of test frequencies for NE-DC configurations DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C | CMCC | 38.508-1 | 2187 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-221872 | Addition of test frequencies for NE-DC configurations DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C | CMCC | 38.508-1 | 2187 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220206 | Addition of test frequencies for CA\_n3A-n41A with and without UL configuration | CMCC | 38.508-1 | 2188 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220240 | Corrections to 4.9.17 on IMS MO call release | ROHDE & SCHWARZ | 38.508-1 | 2189 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220247 | Added FR2 connection diagram using modulated interferer | Keysight Technologies UK Ltd | 38.508-1 | 2190 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221671 | Added FR2 connection diagram using modulated interferer | Keysight Technologies UK Ltd | 38.508-1 | 2190 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220248 | Correct TDD pattern for FR2 RF 60kHz SCS | Keysight Technologies UK Ltd | 38.508-1 | 2191 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220271 | Addition of test frequencies for CA\_n41A-n79A with UL configuration | CMCC | 38.508-1 | 2192 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220297 | Correction to Registration Accept message for UEs supporting RACS | Keysight Technologies UK | 38.508-1 | 2193 | - | Rel-17 | F | RACS-UEConTest | withdrawn |
| R5-220298 | Correction to IMS MO speech call establishment generic procedure | Keysight Technologies UK | 38.508-1 | 2194 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221423 | Correction to IMS MO speech call establishment generic procedure | Keysight Technologies UK | 38.508-1 | 2194 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220308 | Introduction of test frequencies for CA\_n261M | Nokia, Nokia Shanghai Bell, Ericsson | 38.508-1 | 2195 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220309 | Correction of NR inter-band CA configurations for CA\_n260-n261 in FR2 | Nokia, Nokia Shanghai Bell | 38.508-1 | 2196 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220311 | Introduction of test frequencies for Rel-16 inter-band EN-DC two band combinations within FR1 | Nokia, Nokia Shanghai Bell | 38.508-1 | 2197 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220374 | Introduction of test frequencies for additional Rel-17 EN-DC inter-band configurations | Verizon Switzerland AG, Ericsson | 38.508-1 | 2198 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220449 | Update of test frequencies for protocol testing and NR inter-band CA | Ericsson | 38.508-1 | 2199 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220452 | Correction to RF E-UTRA RRC\_CONNECTED procedure | MCC TF160, Anritsu | 38.508-1 | 2200 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220503 | Update of protocol testing applicability for inter-band FR1 EN-DC configurations with NR CA non-contiguous | Ericsson | 38.508-1 | 2201 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | withdrawn |
| R5-220508 | Update of protocol testing applicability for 3CC inter-band NR DC configurations | Ericsson | 38.508-1 | 2202 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-221873 | Update of protocol testing applicability for 3CC inter-band NR DC configurations | Ericsson | 38.508-1 | 2202 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220524 | Addition of positioning system information blocks associated parameters | CATT | 38.508-1 | 2203 | - | Rel-17 | F | NR\_pos-UEConTest | revised |
| R5-221591 | Addition of positioning system information blocks associated parameters | CATT | 38.508-1 | 2203 | 1 | Rel-17 | F | NR\_pos-UEConTest | agreed |
| R5-220541 | Introduction of test frequencies for n25 adding CBWs 25MHz, 30MHz, 40MHz | Ericsson, Rohde & Schwarz | 38.508-1 | 2204 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-220542 | Correction to cl 4.5.3 RRC\_INACTIVE generic procedure | Huawei, Hisilicon | 38.508-1 | 2205 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-222039 | Correction to cl 4.5.3 RRC\_INACTIVE generic procedure | Huawei, Hisilicon | 38.508-1 | 2205 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220567 | Addition of default AT command and information element for NR SL test | Huawei, Hisilicon | 38.508-1 | 2206 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220568 | Correction to generic test procedures for NR SL MIMO tests | Huawei, Hisilicon | 38.508-1 | 2207 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221499 | Correction to generic test procedures for NR SL MIMO tests | Huawei, Hisilicon | 38.508-1 | 2207 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220569 | Correction to test procedures for establishing unicast link | Huawei, Hisilicon | 38.508-1 | 2208 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220570 | Addition of test procedures for releasing unicast link | Huawei, Hisilicon | 38.508-1 | 2209 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221500 | Addition of test procedures for releasing unicast link | Huawei, Hisilicon | 38.508-1 | 2209 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220571 | Addition of test procedures for data exchanging on unicast link | Huawei, Hisilicon | 38.508-1 | 2210 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221501 | Addition of test procedures for data exchanging on unicast link | Huawei, Hisilicon | 38.508-1 | 2210 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220572 | Correction to PC5 RRC message MasterInformationBlockSidelink | Huawei, Hisilicon | 38.508-1 | 2211 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221502 | Correction to PC5 RRC message MasterInformationBlockSidelink | Huawei, Hisilicon | 38.508-1 | 2211 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220573 | Correction to PC5 RRC message MeasurementReportSidelink | Huawei, Hisilicon | 38.508-1 | 2212 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221503 | Correction to PC5 RRC message MeasurementReportSidelink | Huawei, Hisilicon | 38.508-1 | 2212 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220574 | Correction to PC5 RRC message RRCReconfigurationSidelink | Huawei, Hisilicon | 38.508-1 | 2213 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221504 | Correction to PC5 RRC message RRCReconfigurationSidelink | Huawei, Hisilicon | 38.508-1 | 2213 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220575 | Correction to PC5 RRC message RRCReconfigurationCompleteSidelink | Huawei, Hisilicon | 38.508-1 | 2214 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221505 | Correction to PC5 RRC message RRCReconfigurationCompleteSidelink | Huawei, Hisilicon | 38.508-1 | 2214 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220576 | Correction to PC5 RRC message RRCReconfigurationFailureSidelink | Huawei, Hisilicon | 38.508-1 | 2215 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221506 | Correction to PC5 RRC message RRCReconfigurationFailureSidelink | Huawei, Hisilicon | 38.508-1 | 2215 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220577 | Correction to PC5 RRC message UECapabilityEnquirySidelink | Huawei, Hisilicon | 38.508-1 | 2216 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221507 | Correction to PC5 RRC message UECapabilityEnquirySidelink | Huawei, Hisilicon | 38.508-1 | 2216 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220578 | Correction to PC5 RRC message UECapabilityInformationSidelink | Huawei, Hisilicon | 38.508-1 | 2217 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221508 | Correction to PC5 RRC message UECapabilityInformationSidelink | Huawei, Hisilicon | 38.508-1 | 2217 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220579 | Correction to SIB12 | Huawei, Hisilicon | 38.508-1 | 2218 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220580 | Correction to IE SL-BWP-Config and SL-BWP-ConfigCommon | Huawei, Hisilicon | 38.508-1 | 2219 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220581 | Correction to SL-PreconfigurationNR | Huawei, Hisilicon | 38.508-1 | 2220 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | withdrawn |
| R5-220582 | Correction to IE SL-ResourcePool | Huawei, Hisilicon | 38.508-1 | 2221 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220583 | Correction to V2X message DIRECT LINK ESTABLISHMENT REQUEST | Huawei, Hisilicon | 38.508-1 | 2222 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221509 | Correction to V2X message DIRECT LINK ESTABLISHMENT REQUEST | Huawei, Hisilicon | 38.508-1 | 2222 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220584 | Correction to V2X message DIRECT LINK ESTABLISHMENT ACCEPT | Huawei, Hisilicon | 38.508-1 | 2223 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221510 | Correction to V2X message DIRECT LINK ESTABLISHMENT ACCEPT | Huawei, Hisilicon | 38.508-1 | 2223 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220585 | Correction to V2X message DIRECT LINK RELEASE REQUEST | Huawei, Hisilicon | 38.508-1 | 2224 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221511 | Correction to V2X message DIRECT LINK RELEASE REQUEST | Huawei, Hisilicon | 38.508-1 | 2224 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220586 | Correction to V2X message DIRECT LINK RELEASE ACCEPT | Huawei, Hisilicon | 38.508-1 | 2225 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221512 | Correction to V2X message DIRECT LINK RELEASE ACCEPT | Huawei, Hisilicon | 38.508-1 | 2225 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220587 | Correction to V2X message DIRECT LINK KEEPALIVE REQUEST | Huawei, Hisilicon | 38.508-1 | 2226 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221513 | Correction to V2X message DIRECT LINK KEEPALIVE REQUEST | Huawei, Hisilicon | 38.508-1 | 2226 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220588 | Correction to V2X message DIRECT LINK SECURITY MODE COMMAND | Huawei, Hisilicon | 38.508-1 | 2227 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221514 | Correction to V2X message DIRECT LINK SECURITY MODE COMMAND | Huawei, Hisilicon | 38.508-1 | 2227 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220589 | Correction to V2X message DIRECT LINK SECURITY MODE COMPLETE | Huawei, Hisilicon | 38.508-1 | 2228 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221515 | Correction to V2X message DIRECT LINK SECURITY MODE COMPLETE | Huawei, Hisilicon | 38.508-1 | 2228 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220590 | Correction to V2X service identifier to PC5 RAT and Tx profiles mapping rule | Huawei, Hisilicon | 38.508-1 | 2229 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220591 | Correction to V2X frequencies | Huawei, Hisilicon | 38.508-1 | 2230 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220632 | Introduction\_of\_test\_frequencies\_for\_new\_EN-DC\_comb\_within\_FR1 | KDDI Corporation | 38.508-1 | 2231 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220643 | Introduction of test frequencies for n2 adding CBWs 25MHz, 30MHz, 40MHz | Ericsson | 38.508-1 | 2232 | - | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-220652 | Correction to RRCReconfiguration message with condition REEST | ROHDE & SCHWARZ, MediaTek, Ericsson | 38.508-1 | 2233 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221420 | Correction to RRCReconfiguration message with condition REEST | ROHDE & SCHWARZ, MediaTek, Ericsson | 38.508-1 | 2233 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220653 | Addition of test frequencies for CA\_n41C-n79A with and without UL configuration | CMCC | 38.508-1 | 2234 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220670 | Correction to the BWP-DownlinkDedicated. | ROHDE & SCHWARZ | 38.508-1 | 2235 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220687 | Correction to default RRC IEs for RRM | Huawei,Hisilicon | 38.508-1 | 2236 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221669 | Correction to default RRC IEs for RRM | Huawei,Hisilicon | 38.508-1 | 2236 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220725 | Addition of default configuration for NR SL RRM test | Huawei,Hisilicon | 38.508-1 | 2237 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220760 | Introduction of test frequencies for n5 adding CBW 25MHz | Ericsson | 38.508-1 | 2238 | - | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-220761 | Editorial corrections for NR CA configuration CA\_n48B | Ericsson | 38.508-1 | 2239 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220762 | Addition of connection diagram for 16Tx, 2Rx | Ericsson | 38.508-1 | 2240 | - | Rel-17 | F | NR\_perf\_enh-UEConTest | withdrawn |
| R5-220768 | Correction to test procedure for adding video to speech call in 5GC | ROHDE & SCHWARZ | 38.508-1 | 2241 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220771 | Introduction of test frequencies for CA\_n66(2A) BCS1 and BCS2 | Ericsson | 38.508-1 | 2242 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220774 | Corrections to test procedures 4.9.26 and 4.9.27 | MCC TF160, ROHDE & SCHWARZ | 38.508-1 | 2243 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220778 | Correction of 4.1.1 on removal of lower humidity limit in NR test environment | Samsung R&D Institute UK, ZTE Corporation | 38.508-1 | 2244 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221672 | Correction of 4.1.1 on removal of lower humidity limit in NR test environment | Samsung R&D Institute UK, ZTE Corporation | 38.508-1 | 2244 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220779 | Update of test frequencies for n66 and asymmetric channel bandwidth combination set 1 | Ericsson | 38.508-1 | 2245 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-220788 | Addition of V2X connection diagram | Huawei, HiSilicon | 38.508-1 | 2246 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220789 | Update to NR sidelink preconfiguration | Huawei, HiSilicon | 38.508-1 | 2247 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221815 | Update to NR sidelink preconfiguration | Huawei, HiSilicon | 38.508-1 | 2247 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220790 | Update to GNSS configuration for NR sidelink | Huawei, HiSilicon | 38.508-1 | 2248 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221816 | Update to GNSS configuration for NR sidelink | Huawei, HiSilicon | 38.508-1 | 2248 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220797 | Addition of connection diagram for 16Tx | Huawei, HiSilicon | 38.508-1 | 2249 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220808 | Update to MAC-CellGroupConfig | Huawei, HiSilicon | 38.508-1 | 2250 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220809 | Addition of default DCI\_1\_2 for URLLC | Huawei, HiSilicon | 38.508-1 | 2251 | - | Rel-17 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-221584 | Addition of default DCI\_1\_2 for URLLC | Huawei, HiSilicon | 38.508-1 | 2251 | 1 | Rel-17 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-220846 | Editorial Updates to Clause. 4.4.3.1.2 for System information combination | Qualcomm CDMA Technologies | 38.508-1 | 2252 | - | Rel-17 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | withdrawn |
| R5-220847 | Addition of test frequency n53 in Table 6.2.3.1-4 | Qualcomm CDMA Technologies | 38.508-1 | 2253 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | not pursued |
| R5-220860 | Introducing Rel-17 2 band CA configurations for n24 and n41 to clause 4.3.1 | Ligado Networks | 38.508-1 | 2254 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220861 | Introducing Rel-17 2 band CA configurations for n24 and n48 to clause 4.3.1 | Ligado Networks | 38.508-1 | 2255 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220862 | Introducing Rel-17 2 band CA configurations for n24 and n77 to clause 4.3.1 | Ligado Networks | 38.508-1 | 2256 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220890 | Correction to test channel bandwidth for n38 | Anritsu | 38.508-1 | 2257 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | withdrawn |
| R5-220903 | Correction to test frequency range for n14 | Anritsu | 38.508-1 | 2258 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221667 | Correction to test frequency range for n14 | Anritsu | 38.508-1 | 2258 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220916 | Addition of PRB-Id setting for RRM test cases | Anritsu | 38.508-1 | 2259 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220925 | Correction to radioLinkMonitoringConfig for Scell | Anritsu | 38.508-1 | 2260 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220950 | Addition of several NR CA combinations to FR1 inter-band configurations table | WE Certification Oy, DISH Network | 38.508-1 | 2261 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-221874 | Addition of several NR CA combinations to FR1 inter-band configurations table | WE Certification Oy, DISH Network | 38.508-1 | 2261 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220955 | Updates to IE UE Route Selection Policy Rules | CMCC | 38.508-1 | 2262 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220956 | Updates to IE Route Selection Descriptors | CMCC | 38.508-1 | 2263 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221426 | Updates to IE Route Selection Descriptors | CMCC | 38.508-1 | 2263 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220960 | Addition of test frequency for DC\_7C\_n78A | Huawei, HiSilicon | 38.508-1 | 2264 | - | Rel-17 | F | DC\_Pcmax\_3UL\_CC-UEConTest | agreed |
| R5-220972 | Addition of test frequencies for Rel-16 EN-DC configurations | Huawei, Hisilicon, Orange | 38.508-1 | 2265 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220974 | Correction to applicability for protocol testing for inter-band EN-DC configurations | Huawei, HiSilicon, China Unicom | 38.508-1 | 2266 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-221049 | Correction of 4.3.1.1.5.48 for test frequencies of CA\_n48\_2A | ZTE Corporation | 38.508-1 | 2267 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221757 | Correction of 4.3.1.1.5.48 for test frequencies of CA\_n48\_2A | ZTE Corporation | 38.508-1 | 2267 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221050 | Correction of 4.3.1.2.4.4.2 for test frequencies for CA\_n260\_A-I | ZTE Corporation | 38.508-1 | 2268 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221668 | Correction of 4.3.1.2.4.4.2 for test frequencies for CA\_n260\_A-I | ZTE Corporation | 38.508-1 | 2268 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221070 | USIM configurations for NR EIEI test cases | Qualcomm Incorporated | 38.508-1 | 2269 | - | Rel-17 | F | NR\_EIEI-UEConTest | agreed |
| R5-221104 | Addition of new USIM configuration for RACS test case | Qualcomm Incorporated | 38.508-1 | 2270 | - | Rel-17 | F | RACS-UEConTest | agreed |
| R5-221132 | Updating channel bandwidths for NR band n97 | Huawei, Hisilicon | 38.508-1 | 2271 | - | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-221133 | Updating test frequencies for NR band n97 | Huawei, Hisilicon | 38.508-1 | 2272 | - | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-221134 | Updating test frequencies for NR band n1 | Huawei, Hisilicon | 38.508-1 | 2273 | - | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-221869 | Updating test frequencies for NR band n1 | Huawei, Hisilicon | 38.508-1 | 2273 | 1 | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-221165 | Update to NZP CSI-RS power control offset IE for Demod scenarios | Qualcomm CDMA Technologies | 38.508-1 | 2274 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221167 | Update to Ciphering algo IE for FR1 NSA SDR | Qualcomm CDMA Technologies | 38.508-1 | 2275 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221176 | Introduction of test frequencies for NR CA configurations CA\_n5A-n7A, CA\_n5A-n78A and CA\_n7A-n78A | Ericsson | 38.508-1 | 2276 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221178 | Correction to the BWP-DownlinkDedicated | MediaTek Inc., Rohde & Schwarz, Anritsu | 38.508-1 | 2277 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221421 | Correction to the BWP-DownlinkDedicated | MediaTek Inc., Rohde & Schwarz, Anritsu | 38.508-1 | 2277 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221186 | Introduction of test frequencies for DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A, DC\_28A\_n7A | Ericsson | 38.508-1 | 2278 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221214 | Update IE RadioBearerConfig | Ericsson | 38.508-1 | 2279 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221222 | NE-DC support for UECapabilityEnquiry and UECapabilityInformation messages | Ericsson | 38.508-1 | 2280 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221422 | NE-DC support for UECapabilityEnquiry and UECapabilityInformation messages | Ericsson | 38.508-1 | 2280 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221243 | Update IE RadioBearerConfig | Ericsson | 38.508-1 | 2281 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221255 | Update K1 value for RRM TDD FR1 30kHz RMC | Keysight Technologies UK Ltd | 38.508-1 | 2282 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221261 | Update of mid test channel bandwidth for band n25 | ROHDE & SCHWARZ, T-Mobile USA Inc. | 38.508-1 | 2283 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | revised |
| R5-221787 | Update of mid test channel bandwidth for band n25 | ROHDE & SCHWARZ, T-Mobile USA Inc. | 38.508-1 | 2283 | 1 | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-221264 | Correction of csi-ResourceConfigId | ROHDE & SCHWARZ | 38.508-1 | 2284 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221265 | Correction of DMRS-DownlinkConfig | ROHDE & SCHWARZ | 38.508-1 | 2285 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221273 | Modification of common test environment for EHC testing | Nokia, Nokia Shanghai Bell | 38.508-1 | 2286 | - | Rel-17 | F | NR\_IioT-UEConTest | revised |
| R5-221493 | Modification of common test environment for EHC testing | Nokia, Nokia Shanghai Bell | 38.508-1 | 2286 | 1 | Rel-17 | F | NR\_IioT-UEConTest | agreed |
| R5-221292 | Addition of Setup Diagram for RRM multicell 2x2 test cases | Ericsson | 38.508-1 | 2287 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221349 | Add new messages and procedure for test function to limit Pcell Power | Apple Portugal | 38.508-1 | 2288 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221660 | Add new messages and procedure for test function to limit Pcell Power | Apple Portugal | 38.508-1 | 2288 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221369 | Update to PUCCH resource counfiguration for Scell CSI | Qualcomm CDMA Technologies | 38.508-1 | 2289 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221377 | Addition of Test frequencies for NE-DC band configurations for signalling testing | CMCC | 38.508-1 | 2290 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221389 | Correction to SIG test frequencies for intra-band non-contiguous CA | Huawei,Hisilicon, Starpoint | 38.508-1 | 2291 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221402 | Correction to generic procedure 4.9.7 | Huawei,Hisilicon | 38.508-1 | 2292 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221413 | Update IE SDAP-Config | Ericsson | 38.508-1 | 2293 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220042 | Addition of PICS for frequencyShift7p5khz | CMCC, Huawei, Hisilicon | 38.508-2 | 0285 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221673 | Addition of PICS for frequencyShift7p5khz | CMCC, Huawei, Hisilicon | 38.508-2 | 0285 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220165 | Addition of UE capability for maximum number of activated TCI states | CMCC | 38.508-2 | 0286 | - | Rel-17 | F | NR\_HST-UEConTest | revised |
| R5-221853 | Addition of UE capability for maximum number of activated TCI states | CMCC | 38.508-2 | 0286 | 1 | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-220172 | Introduction of common implementation conformance statements for NE-DC | CMCC | 38.508-2 | 0287 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221427 | Introduction of common implementation conformance statements for NE-DC | CMCC | 38.508-2 | 0287 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220195 | Introduction of new R17 NR inter-band CA configurations in FR1 | China Telecommunications | 38.508-2 | 0288 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-221875 | Introduction of new R17 NR inter-band CA configurations in FR1 | China Telecommunications | 38.508-2 | 0288 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220199 | Update Physical Layer Baseline Implementation Capabilities for NE-DC | CMCC | 38.508-2 | 0289 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220205 | Addition of NR CA Physical Layer Baseline Implementation Capabilities for R16 CA\_n3A-n41A | CMCC | 38.508-2 | 0290 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220210 | Addition of NR FR1 PC1.5 RF Baseline Implementation Capabilities for n41 | CMCC | 38.508-2 | 0291 | - | Rel-17 | F | LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest | agreed |
| R5-220312 | Introduction of Rel-16 inter-band EN-DC two band configurations within FR1 for physical layer baseline implementation capabilities | Nokia, Nokia Shanghai Bell | 38.508-2 | 0292 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220533 | Editorial correction to UE declaration of Bandwidth Class and BCS information | Bureau Veritas | 38.508-2 | 0293 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220633 | Introduction\_of\_UE\_capabilities\_for\_new\_EN-DC\_comb\_within\_FR1 | KDDI Corporation | 38.508-2 | 0294 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220666 | Correction typo for Table A.4.3.2B.2.3.1-3a and Table A.4.3.8-1 | SGS Wireless | 38.508-2 | 0295 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220750 | Correction to PICS for PS TCs | Huawei,Hisilicon | 38.508-2 | 0296 | - | Rel-17 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-220776 | Update of PC2 DC\_8A-n78A Baseline Implementation Capabilities | China Unicom | 38.508-2 | 0297 | - | Rel-17 | F | ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest | agreed |
| R5-220850 | Addition of new RACS PICS | Qualcomm CDMA Technologies | 38.508-2 | 0298 | - | Rel-17 | F | RACS-UEConTest | agreed |
| R5-220864 | Introducing Rel-17 2 band CA configurations for n24 and n41 to clause A.4.3.2A.4.1 | Ligado Networks | 38.508-2 | 0299 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220865 | Introducing Rel-17 2 band CA configurations for n24 and n48 to clause A.4.3.2A.4.1 | Ligado Networks | 38.508-2 | 0300 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220866 | Introducing Rel-17 2 band CA configurations for n24 and n77 to clause A.4.3.2A.4.1 | Ligado Networks | 38.508-2 | 0301 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220952 | Addition of applicability tables of several NR CA combinations to FR1 inter-band configurations | WE Certification Oy, DISH Network | 38.508-2 | 0302 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-221876 | Addition of applicability tables of several NR CA combinations to FR1 inter-band configurations | WE Certification Oy, DISH Network | 38.508-2 | 0302 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220973 | Addition of physical baseline implementation capabilities for Rel-16 EN-DC configurations | Huawei, Hisilicon, Orange | 38.508-2 | 0303 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220999 | Addition of physical implementation capability for L1-SINR measurement | Huawei, HiSilicon, Sporton | 38.508-2 | 0304 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-221830 | Addition of physical implementation capability for L1-SINR measurement | Huawei, HiSilicon, Sporton | 38.508-2 | 0304 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-221005 | Addition of PICs for FR2 CSI-RS based RLM | Huawei,Hisilicon | 38.508-2 | 0305 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221006 | UE capabilities for completed NR CA configurations CA\_n5A-n7A, CA\_n5A-n78A and CA\_n7A-n78A | Ericsson | 38.508-2 | 0306 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221047 | Addition of A.4.3.2B.2.3.7 for DC\_3A-42D\_n257A and DC\_3A-42E\_n257A | ZTE Corporation | 38.508-2 | 0307 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221054 | Correction of A.4.3.2B.2 for intra-band contiguous and non-contiguous EN-DC | ZTE Corporation | 38.508-2 | 0308 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221055 | Correction of A.4.3.2B.2.3.4 for supported inter-band EN-DC configurations within FR1 | ZTE Corporation | 38.508-2 | 0309 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221056 | Removal of supported BCS for inter-band EN-DC configurations including FR1 and FR2 | ZTE Corporation | 38.508-2 | 0310 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221057 | Removal of supported BCS for inter-band EN-DC configurations including FR2 | ZTE Corporation | 38.508-2 | 0311 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221058 | Removal of supported BCS for inter-band EN-DC configurations within FR1 | ZTE Corporation | 38.508-2 | 0312 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221064 | Update of A.4.3.9 for Additional capabilities for UE declared capability | ZTE Corporation | 38.508-2 | 0313 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221674 | Update of A.4.3.9 for Additional capabilities for UE declared capability | ZTE Corporation | 38.508-2 | 0313 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221091 | Addition of new PICS for URLLC | Lenovo, Motorola Mobility | 38.508-2 | 0314 | - | Rel-17 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-221585 | Addition of new PICS for URLLC | Lenovo, Motorola Mobility | 38.508-2 | 0314 | 1 | Rel-17 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-221094 | Introduce and update PICS | Lenovo, Motorola Mobility, Qualcomm, Rhode & Schwarz | 38.508-2 | 0315 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221428 | Introduce and update PICS | Lenovo, Motorola Mobility, Qualcomm, Rhode & Schwarz | 38.508-2 | 0315 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221293 | Addition of Condition for FR1 DL Interruptions test cases applicability | Ericsson | 38.508-2 | 0316 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | revised |
| R5-221793 | Addition of Condition for FR1 DL Interruptions test cases applicability | Ericsson | 38.508-2 | 0316 | 1 | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221330 | Introduction of UE capabilities for Rel-17 EN-DC configurations | Verizon Switzerland AG, Ericsson, Qualcomm | 38.508-2 | 0317 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-221335 | Add\_UE capability enhancedUL-TransientPeriod | Qualcomm Korea, ROHDE & SCHWARZ | 38.508-2 | 0318 | - | Rel-17 | F | TEI16\_Test | revised |
| R5-221911 | Add\_UE capability enhancedUL-TransientPeriod | Qualcomm Korea, ROHDE & SCHWARZ | 38.508-2 | 0318 | 1 | Rel-17 | F | TEI16\_Test | agreed |
| R5-220113 | Editorial update of section 6.6.2 and 6.7 | MediaTek Inc. | 38.509 | 0051 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221410 | Editorial update of section 6.6.2 and 6.7 | MediaTek Inc. | 38.509 | 0051 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220265 | Addition of test loop mode for NE-DC | ROHDE & SCHWARZ | 38.509 | 0052 | - | Rel-15 | B | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221429 | Addition of test loop mode for NE-DC | ROHDE & SCHWARZ | 38.509 | 0052 | 1 | Rel-15 | B | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220266 | Addition of test loop mode for NE-DC | ROHDE & SCHWARZ | 38.509 | 0053 | - | Rel-16 | A | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221430 | Addition of test loop mode for NE-DC | ROHDE & SCHWARZ | 38.509 | 0053 | 1 | Rel-16 | A | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220592 | Correction to test loop procedures for SL test | Huawei, Hisilicon | 38.509 | 0054 | - | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221516 | Correction to test loop procedures for SL test | Huawei, Hisilicon | 38.509 | 0054 | 1 | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220593 | Correction to test protocol messages for SL test | Huawei, Hisilicon | 38.509 | 0055 | - | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221517 | Correction to test protocol messages for SL test | Huawei, Hisilicon | 38.509 | 0055 | 1 | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-221348 | Addition of new test function to limit Pcell power | Apple Portugal | 38.509 | 0056 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221659 | Addition of new test function to limit Pcell power | Apple Portugal | 38.509 | 0056 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221386 | Editorial update of section 6.7 in Rel-15 | MediaTek Inc. | 38.509 | 0057 | - | Rel-15 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221401 | Addition of EHC function to the test loop mode A | Nokia, Nokia Shanghai Bell | 38.509 | 0058 | - | Rel-16 | F | NR\_IioT-UEConTest | agreed |
| R5-220060 | Alignment of test points of ACLR with MPR | CAICT | 38.521-1 | 1479 | - | Rel-17 | F | NR\_UE\_PC1\_5\_n79-UEConTest | withdrawn |
| R5-220064 | Correction of test applicability of A-MPR | CAICT | 38.521-1 | 1480 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221675 | Correction of test applicability of A-MPR | CAICT | 38.521-1 | 1480 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220071 | Addition of Test description and Test requirement for 6.3A.2.1 Transmit OFF power for 2UL CA | CAICT | 38.521-1 | 1481 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220072 | Correction of Table number in step 4 of 6.3A.4.2.1.4.1 | CAICT | 38.521-1 | 1482 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220073 | Correction of Test SCS in Table 6.2D.2.4.1-1 | CAICT | 38.521-1 | 1483 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220074 | Addition of missing clause titles for 6.5B, 6.5D.2\_1.4 and 6.5D.2\_1.4.1 | CAICT | 38.521-1 | 1484 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220075 | Correction of clause title styles | CAICT | 38.521-1 | 1485 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220076 | Correction of Test SCS in Table 7.3C.2.4.1-1 | CAICT | 38.521-1 | 1486 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220077 | Correction of style in Table 7.4D.4.1-1 | CAICT | 38.521-1 | 1487 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220078 | Correction of Test frequency in Table 7.6C.3\_1.1.4.1-1 | CAICT | 38.521-1 | 1488 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220080 | Adding additional tolerance to test requirement of Transmitter power test cases | CAICT | 38.521-1 | 1489 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220081 | Removal of Editor note about PC1 requirements in Rel-15 and Rel-16 | CAICT | 38.521-1 | 1490 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220082 | Correction of table numbers in 7.6C.2\_1.1 and 7.6C.3\_1.1 | CAICT | 38.521-1 | 1491 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220083 | Introduction of new V2X test cases in 6.3E.2 | CAICT | 38.521-1 | 1492 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221817 | Introduction of new V2X test cases in 6.3E.2 | CAICT | 38.521-1 | 1492 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220084 | Introduction of new V2X test cases in 7.6E | CAICT | 38.521-1 | 1493 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220085 | Introduction of new V2X test cases in 7.7E | CAICT | 38.521-1 | 1494 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221820 | Introduction of new V2X test cases in 7.7E | CAICT | 38.521-1 | 1494 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220086 | Introduction of new V2X test cases in 7.8E | CAICT | 38.521-1 | 1495 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220137 | Update TC Frequency Error for DSS | CMCC, Huawei, Hisilicon | 38.521-1 | 1496 | - | Rel-17 | F | DSS\_LTE\_B34\_NR\_Bn34\_LTE\_B39\_NR\_Bn39-UEConTest | revised |
| R5-221905 | Update TC Frequency Error for DSS | CMCC, Huawei, Hisilicon | 38.521-1 | 1496 | 1 | Rel-17 | F | DSS\_LTE\_B34\_NR\_Bn34\_LTE\_B39\_NR\_Bn39-UEConTest | agreed |
| R5-220138 | Update test requirements of PC2 n34 MOP for UL MIMO | CMCC | 38.521-1 | 1497 | - | Rel-17 | F | NR\_UE\_PC2\_n34-UEConTest | agreed |
| R5-220139 | Update test requirements of PC2 n39 MOP for UL MIMO | CMCC | 38.521-1 | 1498 | - | Rel-17 | F | NR\_UE\_PC2\_n39-UEConTest | agreed |
| R5-220141 | Update TC Frequency Error for UL MIMO for DSS | CMCC | 38.521-1 | 1499 | - | Rel-17 | F | DSS\_LTE\_B34\_NR\_Bn34\_LTE\_B39\_NR\_Bn39-UEConTest | revised |
| R5-221906 | Update TC Frequency Error for UL MIMO for DSS | CMCC | 38.521-1 | 1499 | 1 | Rel-17 | F | DSS\_LTE\_B34\_NR\_Bn34\_LTE\_B39\_NR\_Bn39-UEConTest | agreed |
| R5-220142 | Update TC Frequency Error for CA for DSS | CMCC | 38.521-1 | 1500 | - | Rel-17 | F | DSS\_LTE\_B34\_NR\_Bn34\_LTE\_B39\_NR\_Bn39-UEConTest | revised |
| R5-221907 | Update TC Frequency Error for CA for DSS | CMCC | 38.521-1 | 1500 | 1 | Rel-17 | F | DSS\_LTE\_B34\_NR\_Bn34\_LTE\_B39\_NR\_Bn39-UEConTest | agreed |
| R5-220197 | Update of R17 NR inter-band CA configurations within FR1 | China Telecommunications | 38.521-1 | 1501 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-221600 | Update of R17 NR inter-band CA configurations within FR1 | China Telecommunications | 38.521-1 | 1501 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | withdrawn |
| R5-220200 | Update NR ACLR test case for PC1.5 | CMCC | 38.521-1 | 1502 | - | Rel-17 | F | NR\_UE\_PC1\_5\_n79-UEConTest | revised |
| R5-221904 | Update NR ACLR test case for PC1.5 | CMCC | 38.521-1 | 1502 | 1 | Rel-17 | F | NR\_UE\_PC1\_5\_n79-UEConTest | agreed |
| R5-220201 | Update Tx test cases for PC1.5 CA\_n41C | CMCC | 38.521-1 | 1503 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL | withdrawn |
| R5-220202 | Update Tx test cases for PC2 CA\_n41C | CMCC | 38.521-1 | 1504 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL | withdrawn |
| R5-220203 | Update UL CA configurations for PC2 and PC1.5 CA\_n41C | CMCC | 38.521-1 | 1505 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-221902 | Update UL CA configurations for PC2 and PC1.5 CA\_n41C | CMCC | 38.521-1 | 1505 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-220204 | Update configuration for PC2 CA\_n3A-n41A | CMCC | 38.521-1 | 1506 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-221903 | Update configuration for PC2 CA\_n3A-n41A | CMCC | 38.521-1 | 1506 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-220207 | Update operating bands and CA configurations for CA\_n3A-n41A | CMCC | 38.521-1 | 1507 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221764 | Update operating bands and CA configurations for CA\_n3A-n41A | CMCC | 38.521-1 | 1507 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220208 | Update Reference sensitivity test case for CA\_n3A-n41A | CMCC | 38.521-1 | 1508 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221760 | Update Reference sensitivity test case for CA\_n3A-n41A | CMCC | 38.521-1 | 1508 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220209 | Update Spurious emissions for UE co-existence for CA\_n3A-n41A | CMCC | 38.521-1 | 1509 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221758 | Update Spurious emissions for UE co-existence for CA\_n3A-n41A | CMCC | 38.521-1 | 1509 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220249 | Corrected REFSENS reference in SUL Frequency error test | Keysight Technologies UK Ltd | 38.521-1 | 1510 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220250 | Correction of test requirements in spurious test 7.7D | Keysight Technologies UK Ltd | 38.521-1 | 1511 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220251 | DL RMC correction for TDD SCS 60kHz | Keysight Technologies UK Ltd | 38.521-1 | 1512 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220252 | Editorial correction to minimum requirements in test 6.2D.2 | Keysight Technologies UK Ltd | 38.521-1 | 1513 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220253 | General corrections in FR1 6.3A.3.1 ONOFF time mask CA | Keysight Technologies UK Ltd | 38.521-1 | 1514 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220254 | Frequency correction for NS\_27 in A-MPR test | Keysight Technologies UK Ltd | 38.521-1 | 1515 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220255 | n71 IBNC - UL allocation correction for testing REFSENS without exceptions | Keysight Technologies UK Ltd | 38.521-1 | 1516 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220272 | Update Spurious emissions for UE co-existence for CA\_n41A-n79A | CMCC | 38.521-1 | 1517 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221759 | Update Spurious emissions for UE co-existence for CA\_n41A-n79A | CMCC | 38.521-1 | 1517 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220273 | Clarifications on 5G NR connectivity options for RF FR1 | CMCC | 38.521-1 | 1518 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220270 | Update of R17 NR inter-band CA Tx requirements within FR1 | China Telecommunications | 38.521-1 | 1519 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-221877 | Update of R17 NR inter-band CA Tx requirements within FR1 | China Telecommunications | 38.521-1 | 1519 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220280 | Update CA configurations for CA\_n41A-n79A BCS1 | CMCC | 38.521-1 | 1520 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220284 | Update of R17 NR inter-band CA Rx requirements within FR1 | China Telecommunications | 38.521-1 | 1521 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-221878 | Update of R17 NR inter-band CA Rx requirements within FR1 | China Telecommunications | 38.521-1 | 1521 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220349 | Adding NR bands for UL MIMO in FR1 | China Telecommunications | 38.521-1 | 1522 | - | Rel-17 | F | NR\_bands\_UL\_MIMO\_PC3\_R17-UEConTest | agreed |
| R5-220350 | Addition of UE co-existence requirements for band n18 to TS 38.521-1 | NTT DOCOMO INC. | 38.521-1 | 1523 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | withdrawn |
| R5-220351 | Addition of UE co-existence requirements for band n40 to TS 38.521-1 | NTT DOCOMO INC., KDDI Corporation | 38.521-1 | 1524 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | withdrawn |
| R5-220360 | Introduction of CA\_n5A-n7A reference sensitivity test requirements | Ericsson | 38.521-1 | 1525 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221609 | Introduction of CA\_n5A-n7A reference sensitivity test requirements | Ericsson | 38.521-1 | 1525 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | withdrawn |
| R5-220361 | Introduction of CA\_n5A-n78A reference sensitivity test requirements | Ericsson | 38.521-1 | 1526 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221761 | Introduction of CA\_n5A-n78A reference sensitivity test requirements | Ericsson | 38.521-1 | 1526 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220362 | Introduction of CA\_n7A-n78A reference sensitivity test requirements | Ericsson | 38.521-1 | 1527 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220405 | Alignment of test points of ACLR with MPR | CAICT | 38.521-1 | 1528 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221676 | Alignment of test points of ACLR with MPR | CAICT | 38.521-1 | 1528 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220424 | Update of MOP test cases for PC2 CA\_n1A-n78A with UL CA\_n1A-n78A | China Telecom | 38.521-1 | 1529 | - | Rel-17 | F | NR\_SAR\_PC2\_interB\_SUL\_2BUL-UEConTest | revised |
| R5-221896 | Update of MOP test cases for PC2 CA\_n1A-n78A with UL CA\_n1A-n78A | China Telecom | 38.521-1 | 1529 | 1 | Rel-17 | F | NR\_SAR\_PC2\_interB\_SUL\_2BUL-UEConTest | agreed |
| R5-220425 | Update of MOP test cases for PC2 CA\_n3A-n78A with UL CA\_n3A-n78A | China Telecom | 38.521-1 | 1530 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-221897 | Update of MOP test cases for PC2 CA\_n3A-n78A with UL CA\_n3A-n78A | China Telecom | 38.521-1 | 1530 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-220537 | Correction on test procedure and initial condition for power tolerance test cases | TTA | 38.521-1 | 1531 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220639 | Editorial, correction of clause numbering in test case 6.5D.2.4.1 | Ericsson | 38.521-1 | 1532 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220642 | Addition of test case, 6.5D.2\_1.4.1, NR ACLR for UL MIMO (Rel-16 onward) | Ericsson | 38.521-1 | 1533 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-221616 | Addition of test case, 6.5D.2\_1.4.1, NR ACLR for UL MIMO (Rel-16 onward) | Ericsson | 38.521-1 | 1533 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | withdrawn |
| R5-220658 | Update superscripts of power class for inter-band CA | CMCC | 38.521-1 | 1534 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-221898 | Update superscripts of power class for inter-band CA | CMCC | 38.521-1 | 1534 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-220659 | Update MOP for 2 bands DL and 1 band UL CA | CMCC | 38.521-1 | 1535 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-221899 | Update MOP for 2 bands DL and 1 band UL CA | CMCC | 38.521-1 | 1535 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-220752 | Updating on additional UE co-ex requirements for 2 Band UL CA | NTT DOCOMO INC. | 38.521-1 | 1536 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-220753 | Updating on n74 co-existence for TS 38.521-1 | NTT DOCOMO INC. | 38.521-1 | 1537 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-220758 | Introduction of CA\_n5A-n7A and CA\_n7A\_n78A maximum output power test requirements | Ericsson | 38.521-1 | 1538 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221762 | Introduction of CA\_n5A-n7A and CA\_n7A\_n78A maximum output power test requirements | Ericsson | 38.521-1 | 1538 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220770 | Corrections of Tx TCs having impact on ETSI EN 301 908-25 | China Unicom | 38.521-1 | 1539 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221677 | Corrections of Tx TCs having impact on ETSI EN 301 908-25 | China Unicom | 38.521-1 | 1539 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220777 | General updates of clause 5 for R16 new CBW configurations | China Unicom, ROHDE & SCHWARZ, Huawei, Hisilicon | 38.521-1 | 1540 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | revised |
| R5-221791 | General updates of clause 5 for R16 new CBW configurations | China Unicom, ROHDE & SCHWARZ, Huawei, Hisilicon | 38.521-1 | 1540 | 1 | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-220781 | Update to statistical testing | Huawei, HiSilicon | 38.521-1 | 1541 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221683 | Update to statistical testing | Huawei, HiSilicon | 38.521-1 | 1541 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220784 | Update to NR V2X test cases with non-concurrent operation | Huawei, HiSilicon | 38.521-1 | 1542 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221818 | Update to NR V2X test cases with non-concurrent operation | Huawei, HiSilicon | 38.521-1 | 1542 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220785 | Addition of 6.2E.2.2 MPR for concurrent opration | Huawei, HiSilicon | 38.521-1 | 1543 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221819 | Addition of 6.2E.2.2 MPR for concurrent opration | Huawei, HiSilicon | 38.521-1 | 1543 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220867 | Introducing Rel-17 2 band CA configurations for n24 and n41 to clause 5 | Ligado Networks | 38.521-1 | 1544 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | withdrawn |
| R5-220868 | Introducing Rel-17 2 band CA configurations for n24 and n48 to clause 5 | Ligado Networks | 38.521-1 | 1545 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | withdrawn |
| R5-220869 | Introducing Rel-17 2 band CA configurations for n24 and n77 to clause 5 | Ligado Networks | 38.521-1 | 1546 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | withdrawn |
| R5-220870 | Updating MOP and Configured Tx Power TCs for CA\_n24A-n41A | Ligado Networks | 38.521-1 | 1547 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220871 | Updating MOP and Configured Tx Power TCs for CA\_n24A-n48A | Ligado Networks | 38.521-1 | 1548 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220872 | Updating MOP and Configured Tx Power TCs for CA\_n24A-n77A | Ligado Networks | 38.521-1 | 1549 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220873 | Updating reference sensitvity test requirement for CA combination of n24 and n41 | Ligado Networks | 38.521-1 | 1550 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220874 | Updating Delta\_RIB\_c and reference sensitvity test requirement for CA combination of n24 and n48 | Ligado Networks | 38.521-1 | 1551 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220875 | Updating Delta\_RIB\_c and reference sensitvity test requirement for CA combination of n24 and n77 | Ligado Networks | 38.521-1 | 1552 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-221879 | Updating Delta\_RIB\_c and reference sensitvity test requirement for CA combination of n24 and n77 | Ligado Networks | 38.521-1 | 1552 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220876 | General updates of clause 5 for R16 CADC configurations | China Unicom, Ericsson | 38.521-1 | 1553 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221765 | General updates of clause 5 for R16 CADC configurations | China Unicom, Ericsson | 38.521-1 | 1553 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220877 | General updates of clause 5 for R17 CADC configurations | China Unicom, WE Certification, Dish Network, China Telecommunications, Ligado Networks | 38.521-1 | 1554 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-221881 | General updates of clause 5 for R17 CADC configurations | China Unicom, WE Certification, Dish Network, China Telecommunications, Ligado Networks | 38.521-1 | 1554 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220878 | General updates of clause 5 for R17 new CBW configurations | China Unicom, Huawei, Hisilicon | 38.521-1 | 1555 | - | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | withdrawn |
| R5-220891 | Correction to Rx test cases for n38 new CBW 25MHz and 30MHz | Anritsu | 38.521-1 | 1556 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | withdrawn |
| R5-220892 | Correction to note of general spurious emissions | Anritsu | 38.521-1 | 1557 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221678 | Correction to note of general spurious emissions | Anritsu | 38.521-1 | 1557 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220893 | Correction to test procedure of SRS time mask | Anritsu | 38.521-1 | 1558 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220898 | Correction to test requirement of 6.2.4 | Anritsu | 38.521-1 | 1559 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221679 | Correction to test requirement of 6.2.4 | Anritsu | 38.521-1 | 1559 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220899 | Correction to test requirement of NS\_27 in 6.2.3 | Anritsu | 38.521-1 | 1560 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220900 | Correction to test requirement of NS\_47 in 6.2.3 | Anritsu | 38.521-1 | 1561 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220901 | Correction to measurement timing for inter-band CA with FDD and TDD | Anritsu | 38.521-1 | 1562 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221680 | Correction to measurement timing for inter-band CA with FDD and TDD | Anritsu | 38.521-1 | 1562 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220905 | Correction to test CBW for Non-SUL carrier in 6.4C.2.2 | Anritsu | 38.521-1 | 1563 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220906 | Correction to test requirement of 6.5C.3.2 | Anritsu | 38.521-1 | 1564 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220907 | Editorial correction to SUL test cases | Anritsu | 38.521-1 | 1565 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221681 | Editorial correction to SUL test cases | Anritsu | 38.521-1 | 1565 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220914 | Correction to RMC for PUCCH format 1 test cases | Anritsu | 38.521-1 | 1566 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220915 | Correction to connection diagram and test configuration for Tx SUL test cases | Anritsu | 38.521-1 | 1567 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220919 | Correction to transmission slot in SRS time mask test case | Anritsu | 38.521-1 | 1568 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220953 | Addition of several CA combinations to Reference Sensitivity test case | WE Certification Oy, DISH Network | 38.521-1 | 1569 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-221880 | Addition of several CA combinations to Reference Sensitivity test case | WE Certification Oy, DISH Network | 38.521-1 | 1569 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-221046 | Addition of 6.5.2.3 on new CBW to A-SEM for NS\_04 | ZTE Corporation | 38.521-1 | 1570 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-221051 | Correction of 6.2A.1 for UE maximum output power for CA | ZTE Corporation | 38.521-1 | 1571 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221052 | Correction of 6.2A.2 on UE MPR for CA | ZTE Corporation | 38.521-1 | 1572 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221106 | Correcting test applicabilities for MIMO test cases | Huawei, Hisilicon | 38.521-1 | 1573 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221107 | Correcting to NR test case 6.2A.1 MOP for CA | Huawei, Hisilicon | 38.521-1 | 1574 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221108 | Updating message contents for REFSENS for 2DL CA exceptions testing | Huawei, Hisilicon | 38.521-1 | 1575 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221930 | Updating message contents for REFSENS for 2DL CA exceptions testing | Huawei, Hisilicon | 38.521-1 | 1575 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221109 | Updating test case 6.2.3 AMPR for NS\_03 and NS\_03U | Huawei, Hisilicon | 38.521-1 | 1576 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221113 | Updating General Spurious testing for CA\_n41A-n79A | Huawei, Hisilicon | 38.521-1 | 1577 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221114 | Updating A-MPR for CA testing for CA\_n41A-n79A | Huawei, Hisilicon | 38.521-1 | 1578 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221116 | Updating minimum requirements for test case 6.2.3 AMPR | Huawei, Hisilicon | 38.521-1 | 1579 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-221117 | Updating test case Additional spurious emissions for NS\_46 | Huawei, Hisilicon, Bureau Veritas | 38.521-1 | 1580 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-221118 | Updating test case AMPR for MIMO | Huawei, Hisilicon | 38.521-1 | 1581 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | revised |
| R5-221794 | Updating test case AMPR for MIMO | Huawei, Hisilicon | 38.521-1 | 1581 | 1 | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221119 | Updating UTRA ACLR for UL MIMO Rel-16 onward for NS\_100 | Huawei, Hisilicon | 38.521-1 | 1582 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221120 | Updating Additional spurious emissions for UL MIMO Rel-16 onward for several bands | Huawei, Hisilicon | 38.521-1 | 1583 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221121 | Updating 6.1A for intra-band contiguous CA Outer1 RB allocation | Huawei, Hisilicon | 38.521-1 | 1584 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221122 | Updating test case 6.2A.2 MPR for intra-band non-contiguous CA | Huawei, Hisilicon | 38.521-1 | 1585 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221124 | Updating Absolute power tolerance for intra-band non-contiguous CA | Huawei, Hisilicon | 38.521-1 | 1586 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | revised |
| R5-221795 | Updating Absolute power tolerance for intra-band non-contiguous CA | Huawei, Hisilicon | 38.521-1 | 1586 | 1 | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221126 | Updating FR1 ACLR for intra-band CA test case | Huawei, Hisilicon | 38.521-1 | 1587 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | revised |
| R5-221796 | Updating FR1 ACLR for intra-band CA test case | Huawei, Hisilicon | 38.521-1 | 1587 | 1 | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221128 | Updating FR1 Spectrum emission mask for intra-band CA test case | Huawei, Hisilicon | 38.521-1 | 1588 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221130 | Updating Relative power control tolerance testing for intra-band CA | Huawei, Hisilicon | 38.521-1 | 1589 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221131 | Updating clause 5.2C for R17 SUL configurations | Huawei, Hisilicon | 38.521-1 | 1590 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-221882 | Updating clause 5.2C for R17 SUL configurations | Huawei, Hisilicon | 38.521-1 | 1590 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-221198 | Addition of CBW 70MHz into TC 6.5D | China Unicom | 38.521-1 | 1591 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-221200 | Addition of CBW 70MHz into Rx TCs | China Unicom | 38.521-1 | 1592 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-221209 | Updating MPR minimum requirement for NR band n97 | Huawei, Hisilicon | 38.521-1 | 1593 | - | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-221210 | Update MOP for Intra-band contiguous CA | CMCC, CT | 38.521-1 | 1594 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-221900 | Update MOP for Intra-band contiguous CA | CMCC, CT | 38.521-1 | 1594 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-221211 | Update MOP for Intra-band non-contiguous CA | CMCC, CT | 38.521-1 | 1595 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-221901 | Update MOP for Intra-band non-contiguous CA | CMCC, CT | 38.521-1 | 1595 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-221244 | Addition of CA\_n1A-n3A into TC 6.2A | China Unicom | 38.521-1 | 1596 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221245 | New channel bandwidth for n25. UL-MIMO. | T-Mobile USA Inc., ROHDE & SCHWARZ | 38.521-1 | 1597 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | revised |
| R5-221788 | New channel bandwidth for n25. UL-MIMO. | T-Mobile USA Inc., ROHDE & SCHWARZ | 38.521-1 | 1597 | 1 | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-221246 | New channel bandwidth for n25. refsens and UL-MIMO | T-Mobile USA Inc., ROHDE & SCHWARZ | 38.521-1 | 1598 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | revised |
| R5-221790 | New channel bandwidth for n25. refsens and UL-MIMO | T-Mobile USA Inc., ROHDE & SCHWARZ | 38.521-1 | 1598 | 1 | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-221251 | Introduction of NR-U OFF power test case | Ericsson | 38.521-1 | 1599 | - | Rel-17 | F | NR\_unlic-UEConTest | revised |
| R5-221894 | Introduction of NR-U OFF power test case | Ericsson | 38.521-1 | 1599 | 1 | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-221252 | Introduction of NR-U General ON/OFF time mask test case | Ericsson | 38.521-1 | 1600 | - | Rel-17 | F | NR\_unlic-UEConTest | revised |
| R5-221895 | Introduction of NR-U General ON/OFF time mask test case | Ericsson | 38.521-1 | 1600 | 1 | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-221259 | Update of R17 new CBW 45M into refsense TC | China Unicom, T-Mobile USA Inc., ROHDE & SCHWARZ, Anritsu | 38.521-1 | 1601 | - | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-221870 | Update of R17 new CBW 45M into refsense TC | China Unicom, T-Mobile USA Inc., ROHDE & SCHWARZ, Anritsu | 38.521-1 | 1601 | 1 | Rel-17 | F | NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-221262 | Addition of CBHWs 25 MHz, 30 MHz, 40 MHz for n25 | ROHDE & SCHWARZ, T-Mobile USA Inc. | 38.521-1 | 1602 | - | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | revised |
| R5-221789 | Addition of CBHWs 25 MHz, 30 MHz, 40 MHz for n25 | ROHDE & SCHWARZ, T-Mobile USA Inc. | 38.521-1 | 1602 | 1 | Rel-17 | F | NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-221263 | Correction to FR1 UL RMCs | ROHDE & SCHWARZ, T-Mobile USA Inc. | 38.521-1 | 1603 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221684 | Correction to FR1 UL RMCs | ROHDE & SCHWARZ, T-Mobile USA Inc. | 38.521-1 | 1603 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221266 | Correction of in-band emissions test cases | ROHDE & SCHWARZ | 38.521-1 | 1604 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221267 | Correction of SRS time mask test case | ROHDE & SCHWARZ | 38.521-1 | 1605 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221322 | Update for 6.5C.3.3 Additional spurious emissions for SUL | Qualcomm Korea | 38.521-1 | 1606 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221323 | Editorial correction to clause 6.5.3.2 and 6.5.3.3 | Qualcomm Korea | 38.521-1 | 1607 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221682 | Editorial correction to clause 6.5.3.2 and 6.5.3.3 | Qualcomm Korea | 38.521-1 | 1607 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221328 | Removing TP analysis editor note for FR2 Tx spur emission UL MIMO test case | Qualcomm Finland RFFE Oy | 38.521-1 | 1608 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221336 | Update for 6.4.2.1a EVM including symbols with transient period | Qualcomm Korea, ROHDE & SCHWARZ | 38.521-1 | 1609 | - | Rel-17 | F | TEI16\_Test | revised |
| R5-221912 | Update for 6.4.2.1a EVM including symbols with transient period | Qualcomm Korea, ROHDE & SCHWARZ | 38.521-1 | 1609 | 1 | Rel-17 | F | TEI16\_Test | agreed |
| R5-221339 | A-MPR updates for n77 | Verizon Switzerland AG, Nokia | 38.521-1 | 1610 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221350 | MSD test configurations modification for US inter-band CA combinations with n77 | Apple Portugal | 38.521-1 | 1611 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221763 | MSD test configurations modification for US inter-band CA combinations with n77 | Apple Portugal | 38.521-1 | 1611 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221358 | CR on SRS IL for TxD | Apple Portugal | 38.521-1 | 1612 | - | Rel-17 | F | NR\_RF\_TxD-UEConTest | withdrawn |
| R5-221361 | Editorial update within channel raster section | Apple Portugal | 38.521-1 | 1613 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221365 | Introduction of AMPR modification in n30 | Apple Portugal | 38.521-1 | 1614 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221388 | Addition of UE co-existence requirements for band n18 | NTT DOCOMO INC., KDDI Corporation | 38.521-1 | 1615 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | withdrawn |
| R5-220091 | Removal of empty lines in Table 7.3.2.3.2-1 and Table 7.3.2.5-2 | CAICT | 38.521-2 | 0681 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221689 | Removal of empty lines in Table 7.3.2.3.2-1 and Table 7.3.2.5-2 | CAICT | 38.521-2 | 0681 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220092 | Correction of the table title style of Table 5.5A.3-1 | CAICT | 38.521-2 | 0682 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221692 | Correction of the table title style of Table 5.5A.3-1 | CAICT | 38.521-2 | 0682 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220093 | Corrrection of test config tables of non-CA test cases for consistency with CA test cases on without RB allocation case | CAICT | 38.521-2 | 0683 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221685 | Corrrection of test config tables of non-CA test cases for consistency with CA test cases on without RB allocation case | CAICT | 38.521-2 | 0683 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220256 | FR2 Frequency error tests - unify requirements per polarization | Keysight Technologies UK Ltd | 38.521-2 | 0684 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220257 | Test limit correction in FR2 MPR test case | Keysight Technologies UK Ltd | 38.521-2 | 0685 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220258 | RX beam peak direction search procedure update in case of intra-band DL CA | Keysight Technologies UK Ltd | 38.521-2 | 0686 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220259 | Updated reference to FR2 connection diagram in tests using modulated interferer | Keysight Technologies UK Ltd | 38.521-2 | 0687 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220274 | Clarifications on 5G NR connectivity options for RF FR2 | CMCC | 38.521-2 | 0688 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220354 | FR2 SA EVM test case update based on MU and TT analysis | Keysight Technologies UK Ltd | 38.521-2 | 0689 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221686 | FR2 SA EVM test case update based on MU and TT analysis | Keysight Technologies UK Ltd | 38.521-2 | 0689 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220406 | Addition of new R15 configurations in clause 5 | CAICT | 38.521-2 | 0690 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220407 | Addition of new R16 CA configurations in clause 5 | CAICT | 38.521-2 | 0691 | - | Rel-16 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | withdrawn |
| R5-220765 | Core spec alignment for FR2 test case 6.3.4.3, Relative power tolerance | Ericsson | 38.521-2 | 0692 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221929 | Core spec alignment for FR2 test case 6.3.4.3, Relative power tolerance | Ericsson | 38.521-2 | 0692 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220791 | Update to 6.2D.1 for ULFPTx | Huawei, HiSilicon | 38.521-2 | 0693 | - | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220792 | Update to 6.2D.2 for ULFPTx | Huawei, HiSilicon | 38.521-2 | 0694 | - | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220793 | Update to 6.2D.4 for ULFPTx | Huawei, HiSilicon | 38.521-2 | 0695 | - | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220885 | Correction of general ON OFF time mask | Anritsu | 38.521-2 | 0696 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221687 | Correction of general ON OFF time mask | Anritsu | 38.521-2 | 0696 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220888 | Correction to FR2 absolute power tolerance MU and TT | Anritsu | 38.521-2 | 0697 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221688 | Correction to FR2 absolute power tolerance MU and TT | Anritsu | 38.521-2 | 0697 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220908 | Correction to test procedure of 6.4A.1.1 | Anritsu | 38.521-2 | 0698 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221060 | Update of 6.2A.1 for UE maximum output power | ZTE Corporation | 38.521-2 | 0699 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221061 | Update of 6.2.3 for UE maximum output power with additional requirements | ZTE Corporation | 38.521-2 | 0700 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221062 | Update of 6.2A.2 for UE maximum output power reduction for CA | ZTE Corporation | 38.521-2 | 0701 | - | Rel-16 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221766 | Update of 6.2A.2 for UE maximum output power reduction for CA | ZTE Corporation | 38.521-2 | 0701 | 1 | Rel-16 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221063 | Update of 6.2A.4 for configured transmitted power for CA | ZTE Corporation | 38.521-2 | 0702 | - | Rel-16 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221110 | Correction to PDCCH DCI format for FR2 test cases | Huawei, Hisilicon | 38.521-2 | 0703 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221690 | Correction to PDCCH DCI format for FR2 test cases | Huawei, Hisilicon | 38.521-2 | 0703 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221111 | Editorial correction to titles of FR2 test cases | Huawei, Hisilicon | 38.521-2 | 0704 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221112 | Update to test applicability to FR2 test cases | Huawei, Hisilicon | 38.521-2 | 0705 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221269 | Correction of ON OFF time mask test cases for FR2 | ROHDE & SCHWARZ | 38.521-2 | 0706 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221276 | 38.521-2 Beam correspondence Measurement Uncertainties and test tolerances | Keysight technologies UK Ltd | 38.521-2 | 0707 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221611 | 38.521-2 Beam correspondence Measurement Uncertainties and test tolerances | Keysight technologies UK Ltd | 38.521-2 | 0707 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221657 | 38.521-2 Beam correspondence Measurement Uncertainties and test tolerances | Keysight technologies UK Ltd | 38.521-2 | 0707 | 2 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221332 | ETC for FR2 RF CA | Apple Hungary Kft. | 38.521-2 | 0708 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221792 | ETC for FR2 RF CA | Apple Hungary Kft. | 38.521-2 | 0708 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221334 | Removing TP analysis editor note for FR2 Tx spur emission UL MIMO test case | Qualcomm Finland RFFE Oy | 38.521-2 | 0709 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221338 | Update to Clause 7.6 Blocking Characteristics | Apple Hungary Kft. | 38.521-2 | 0710 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221340 | Update to Clause 7.5 Adjacent channel selectivity | Apple Hungary Kft. | 38.521-2 | 0711 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221691 | Update to Clause 7.5 Adjacent channel selectivity | Apple Hungary Kft. | 38.521-2 | 0711 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221341 | Update to Intra-band non-contiguous CA | Apple Hungary Kft. | 38.521-2 | 0712 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221347 | CR to implement test function approach to avoid Scell Drop in FR2 UL-CA | Apple Portugal | 38.521-2 | 0713 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221658 | CR to implement test function approach to avoid Scell Drop in FR2 UL-CA | Apple Portugal | 38.521-2 | 0713 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221352 | FR2 Enhanced Beam Correspondence test updates | Apple Portugal | 38.521-2 | 0714 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | revised |
| R5-221889 | FR2 Enhanced Beam Correspondence test updates | Apple Portugal | 38.521-2 | 0714 | 1 | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-221353 | Minimum Conformance Requirements updates to enhanced beam correspondence | Apple Portugal | 38.521-2 | 0715 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | revised |
| R5-221890 | Minimum Conformance Requirements updates to enhanced beam correspondence | Apple Portugal | 38.521-2 | 0715 | 1 | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-221354 | Update reference to intra-band non-contiguous UL-CA FR2 RF tests in Annex | Apple Portugal | 38.521-2 | 0716 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-221355 | Editorial correction in intra-band non-contiguous configurations table | Apple Portugal | 38.521-2 | 0717 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-221356 | Add correct test case structure to Beam Correspondence CA test case | Apple Portugal | 38.521-2 | 0718 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-221357 | Introduce EIS test cases to incorporate Rel.16 inter-band CA | Apple Portugal | 38.521-2 | 0719 | - | Rel-16 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-220063 | Correction of Test applicability of 6.2B.2.3 | CAICT | 38.521-3 | 1251 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220065 | Correction of Test applicability of 6.2B.3.3 | CAICT | 38.521-3 | 1252 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221693 | Correction of Test applicability of 6.2B.3.3 | CAICT | 38.521-3 | 1252 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220066 | Correction of 6.5B.2.3.3 to include 6.5.2.4.2 of 38.521-1 | CAICT | 38.521-3 | 1253 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221694 | Correction of 6.5B.2.3.3 to include 6.5.2.4.2 of 38.521-1 | CAICT | 38.521-3 | 1253 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220068 | Correction of test config table for 6.3B.3\_1.1 | CAICT | 38.521-3 | 1254 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220069 | Correction of reference section numbers in 6.4B.2.4.5.4.1 | CAICT | 38.521-3 | 1255 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220070 | Correction of Editor Note and reference section numbers in 6.5B.3.4.2\_1 | CAICT | 38.521-3 | 1256 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220087 | Introduction of new V2X test cases in 7.6E | CAICT | 38.521-3 | 1257 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220088 | Introduction of new V2X test cases in 7.7E | CAICT | 38.521-3 | 1258 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220089 | Introduction of new V2X test cases in 7.8E | CAICT | 38.521-3 | 1259 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220260 | FR1 NSA IBC - ACLR clean up to leverage MPR test definition | Keysight Technologies UK Ltd | 38.521-3 | 1260 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220275 | Clarifications on 5G NR connectivity options for RF FR1 and FR2 | CMCC | 38.521-3 | 1261 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220279 | Update MOP for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1262 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221695 | Update MOP for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1262 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220313 | Introduction of Rel-16 inter-band EN-DC two band configurations within FR1 | Nokia, Nokia Shanghai Bell | 38.521-3 | 1263 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | withdrawn |
| R5-220314 | Introduction of Output power requirements for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | 38.521-3 | 1264 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220315 | Introduction of General Spurious emissions requirements for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | 38.521-3 | 1265 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220316 | Introduction of Spurious emissions band UE co-existence requirements for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | 38.521-3 | 1266 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221767 | Introduction of Spurious emissions band UE co-existence requirements for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | 38.521-3 | 1266 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220322 | Adding Reference sensitivity exceptions and MSD test points for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | 38.521-3 | 1267 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220323 | Adding reference sensitivity requirements for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | 38.521-3 | 1268 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220355 | FR2 NSA EVM test case editor notes update | Keysight Technologies UK Ltd | 38.521-3 | 1269 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221696 | FR2 NSA EVM test case editor notes update | Keysight Technologies UK Ltd | 38.521-3 | 1269 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220369 | Update general spurious emissions 6.5B.3.3.1 for 4 Rel-17 ENDC combos | Verizon Switzerland AG, Qualcomm, Ericsson | 38.521-3 | 1270 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220371 | Update for 6.5B.3.3.2 Spurious emission band UE co-existence for 4 Rel-17 combos | Verizon Switzerland AG, Qualcomm, Ericsson | 38.521-3 | 1271 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220375 | Update Tx TC for 4 Rel-17 combos | Verizon Switzerland AG, Qualcomm, Ericsson | 38.521-3 | 1272 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-221883 | Update Tx TC for 4 Rel-17 combos | Verizon Switzerland AG, Qualcomm, Ericsson | 38.521-3 | 1272 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220380 | Introduction of DC\_1A-n5A reference sensitivity test requirements | Ericsson | 38.521-3 | 1273 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220382 | Introduction of DC\_3A-n5A reference sensitivity test requirements | Ericsson | 38.521-3 | 1274 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220384 | Introduction of DC\_7A-n5A reference sensitivity test requirements | Ericsson | 38.521-3 | 1275 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220387 | Introduction of DC\_7A-n78A reference sensitivity test requirements | Ericsson | 38.521-3 | 1276 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220390 | Introduction of DC\_28A\_n7A-n78A reference sensitivity test requirements | Ericsson | 38.521-3 | 1277 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220429 | Regrouping DC Configuration in clause 5 | Bureau Veritas, ZTE, Apple Portugal | 38.521-3 | 1278 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221705 | Regrouping DC Configuration in clause 5 | Bureau Veritas, ZTE, Apple Portugal | 38.521-3 | 1278 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220430 | Update to R15 Configuration for DC | Bureau Veritas | 38.521-3 | 1279 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220431 | Update to R16 Configuration for DC | Bureau Veritas, Ericsson, Nokia, KDDI | 38.521-3 | 1280 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220432 | Update to R17 Configuration for DC | Bureau Veritas, Verizon Wireless | 38.521-3 | 1281 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220538 | Correction on test requirements for TC 6.5B.3.3.2 | TTA | 38.521-3 | 1282 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220539 | Addition of 6.4E.1 Frequency error for V2X | TTA | 38.521-3 | 1283 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220540 | Addition of 6.4E.2.1 Error Vector Magnitude for V2X | TTA | 38.521-3 | 1284 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220654 | Update NE-DC configurations for DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C | CMCC | 38.521-3 | 1285 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-221886 | Update NE-DC configurations for DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C | CMCC | 38.521-3 | 1285 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220655 | Adding RIB,c for Inter-band NE-DC | CMCC | 38.521-3 | 1286 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220656 | Clarification on clause number of NE-DC for Tx test cases | CMCC | 38.521-3 | 1287 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221697 | Clarification on clause number of NE-DC for Tx test cases | CMCC | 38.521-3 | 1287 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220657 | Clarification on clause number of NE-DC for Rx test cases | CMCC | 38.521-3 | 1288 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221703 | Clarification on clause number of NE-DC for Rx test cases | CMCC | 38.521-3 | 1288 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220754 | Updating on 6.5B.3.3.2 Spurious emission for UE co-existence for inter-band within FR1 including n1 | NTT DOCOMO INC. | 38.521-3 | 1289 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221698 | Updating on 6.5B.3.3.2 Spurious emission for UE co-existence for inter-band within FR1 including n1 | NTT DOCOMO INC. | 38.521-3 | 1289 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220759 | Introduction of maximum output power test requirements for DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A and DC\_28A\_n7A | Ericsson | 38.521-3 | 1290 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220766 | Update Tx test cases for DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C | CMCC | 38.521-3 | 1291 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220775 | Update of MOP TC for PC2 ENDC configurations | China Unicom | 38.521-3 | 1292 | - | Rel-17 | F | ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest | revised |
| R5-221892 | Update of MOP TC for PC2 ENDC configurations | China Unicom | 38.521-3 | 1292 | 1 | Rel-17 | F | ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest | agreed |
| R5-220886 | Correction of ON OFF time mask for inter-band EN-DC including FR2 | Anritsu | 38.521-3 | 1293 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221699 | Correction of ON OFF time mask for inter-band EN-DC including FR2 | Anritsu | 38.521-3 | 1293 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220894 | Definition of MTSU and TT for Intra-band EN-DC additional spurious emissions test cases | Anritsu, DOCOMO Communications Lab. | 38.521-3 | 1294 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221700 | Definition of MTSU and TT for Intra-band EN-DC additional spurious emissions test cases | Anritsu, DOCOMO Communications Lab. | 38.521-3 | 1294 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220895 | Correction to test procedure of FR1 EN-DC Spurious test for EN-DC only capable UE | Anritsu | 38.521-3 | 1295 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221701 | Correction to test procedure of FR1 EN-DC Spurious test for EN-DC only capable UE | Anritsu | 38.521-3 | 1295 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220896 | Definition of MTSU for 7.6B.3.3\_1.1 | Anritsu | 38.521-3 | 1296 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220897 | Correction to test requirement of DC\_xxA\_n41A in 6.5B.3.3.1 | Anritsu | 38.521-3 | 1297 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221768 | Correction to test requirement of DC\_xxA\_n41A in 6.5B.3.3.1 | Anritsu | 38.521-3 | 1297 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220902 | Correction to measurement timing for EN-DC combination with FDD and TDD | Anritsu | 38.521-3 | 1298 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220904 | Correction to test frequency of EN-DC 28\_n51 in 7.3B.2.3 | Anritsu | 38.521-3 | 1299 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220951 | Correction of General Spurious emissions requirements for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | 38.521-3 | 1300 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221769 | Correction of General Spurious emissions requirements for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | 38.521-3 | 1300 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220961 | Addition of common uplink configuration for E-UTRA intra-band contiguous CA | Huawei, HiSilicon | 38.521-3 | 1301 | - | Rel-17 | F | DC\_Pcmax\_3UL\_CC-UEConTest | agreed |
| R5-220962 | Addition of new test case 6.2B.1.3\_1 for Maximum Output Power for inter-band EN-DC with 3 uplink | Huawei, HiSilicon | 38.521-3 | 1302 | - | Rel-17 | F | DC\_Pcmax\_3UL\_CC-UEConTest | revised |
| R5-221908 | Addition of new test case 6.2B.1.3\_1 for Maximum Output Power for inter-band EN-DC with 3 uplink | Huawei, HiSilicon | 38.521-3 | 1302 | 1 | Rel-17 | F | DC\_Pcmax\_3UL\_CC-UEConTest | agreed |
| R5-220963 | Addition of new test case 6.2B.4.1.3\_1 for Configured Output Power for inter-band EN-DC with 3 uplink | Huawei, HiSilicon | 38.521-3 | 1303 | - | Rel-17 | F | DC\_Pcmax\_3UL\_CC-UEConTest | revised |
| R5-221909 | Addition of new test case 6.2B.4.1.3\_1 for Configured Output Power for inter-band EN-DC with 3 uplink | Huawei, HiSilicon | 38.521-3 | 1303 | 1 | Rel-17 | F | DC\_Pcmax\_3UL\_CC-UEConTest | agreed |
| R5-220964 | Addition of annex F for test cases for EN-DC configurations with 3 uplink | Huawei, HiSilicon | 38.521-3 | 1304 | - | Rel-17 | F | DC\_Pcmax\_3UL\_CC-UEConTest | revised |
| R5-221910 | Addition of annex F for test cases for EN-DC configurations with 3 uplink | Huawei, HiSilicon | 38.521-3 | 1304 | 1 | Rel-17 | F | DC\_Pcmax\_3UL\_CC-UEConTest | agreed |
| R5-220967 | Update of 6.2B.1.3 Maximum Output Power for Inter-Band EN-DC | Huawei, HiSilicon | 38.521-3 | 1305 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220968 | Update of 6.2B.4.1.3 Configured Output Power for Inter-Band EN-DC | Huawei, HiSilicon | 38.521-3 | 1306 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220975 | Addition of transmit power configuration for EN-DC reference sensitivity | Huawei, Hisilicon | 38.521-3 | 1307 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221931 | Addition of transmit power configuration for EN-DC reference sensitivity | Huawei, Hisilicon | 38.521-3 | 1307 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220976 | Correction to reference sensitivity for intra-band contiguous EN-DC | Huawei, Hisilicon | 38.521-3 | 1308 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220977 | Correction to Maximum Input Level for intra-band contiguous EN-DC | Huawei, Hisilicon | 38.521-3 | 1309 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220978 | Correction to Adjacent Channel Selectivity for intra-band contiguous EN-DC | Huawei, Hisilicon | 38.521-3 | 1310 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220979 | Update of Adjacent Channel Selectivity for intra-band non-contiguous EN-DC | Huawei, Hisilicon | 38.521-3 | 1311 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220980 | Correction to out-of-band blocking for intra-band contiguous EN-DC | Huawei, Hisilicon | 38.521-3 | 1312 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220981 | Update of Annex F for Adjacent Channel Selectivity for intra-band EN-DC | Huawei, Hisilicon | 38.521-3 | 1313 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221053 | Correction of 6.2B.1.1 for intra-band contiguous EN-DC maximum output power | ZTE Corporation | 38.521-3 | 1314 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221059 | Update of 3.2 and 3.3 on symbols and abbreviations | ZTE Corporation | 38.521-3 | 1315 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221706 | Update of 3.2 and 3.3 on symbols and abbreviations | ZTE Corporation | 38.521-3 | 1315 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221170 | Addition of 6.2B.2.3a MPR for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1316 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221171 | Addition of 6.4B.2.3a.4 EVM Equalizer Flatness for inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1317 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221172 | Addition of 6.2B.4.2.3a TIB,c for Inter-band NE-DC within FR1 | CMCC | 38.521-3 | 1318 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221173 | Update Rx test cases for DC\_n28A\_3A, DC\_n28A\_3C, DC\_n28A\_39A, DC\_n28A\_39C | CMCC | 38.521-3 | 1319 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | withdrawn |
| R5-221184 | Introduction of DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A, DC\_28A\_n7A to general spurious emission test case | Ericsson | 38.521-3 | 1320 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221770 | Introduction of DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A, DC\_28A\_n7A to general spurious emission test case | Ericsson | 38.521-3 | 1320 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221185 | Introduction of DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A, DC\_28A\_n7A to UE co-existence spurious emission test case | Ericsson | 38.521-3 | 1321 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221771 | Introduction of DC\_1A\_n5A, DC\_1A\_n7A, DC\_3A\_n5A, DC\_7A\_n5A, DC\_28A\_n7A to UE co-existence spurious emission test case | Ericsson | 38.521-3 | 1321 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221212 | Addition of new CADC MPR TC 6.2B.2.4\_1.1 | Intertek | 38.521-3 | 1322 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221772 | Addition of new CADC MPR TC 6.2B.2.4\_1.1 | Intertek | 38.521-3 | 1322 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221268 | Update of E-UTRA configuration | ROHDE & SCHWARZ | 38.521-3 | 1323 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221315 | Editorial correction for 6.5B.3.3 Spurious emission | Qualcomm Korea | 38.521-3 | 1324 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221702 | Editorial correction for 6.5B.3.3 Spurious emission | Qualcomm Korea | 38.521-3 | 1324 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221316 | Update Rx Requirements for 4 Rel-17 ENDC combos | Verizon Switzerland AG, Qualcomm, Ericsson | 38.521-3 | 1325 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-221884 | Update Rx Requirements for 4 Rel-17 ENDC combos | Verizon Switzerland AG, Qualcomm, Ericsson | 38.521-3 | 1325 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-221317 | Update for 6.5B.4.2 Additional Spurious Emissions for Intra-band non-contiguous EN-DC | Qualcomm Korea | 38.521-3 | 1326 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221321 | Update for reference sensitivity for EN\_DC\_r15 | Qualcomm Korea | 38.521-3 | 1327 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221325 | Editorial Update for 6.2B.4.2.3.1 | Qualcomm Korea | 38.521-3 | 1328 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221326 | Update for 7.3B.2.0 Min Requirements of Ref sensitivity for EN-DC | Qualcomm Korea | 38.521-3 | 1329 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221773 | Update for 7.3B.2.0 Min Requirements of Ref sensitivity for EN-DC | Qualcomm Korea | 38.521-3 | 1329 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221329 | Update Ref sense for r16 DC combos | Qualcomm Korea | 38.521-3 | 1330 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221331 | Update for 7.3B.2 | Qualcomm Korea | 38.521-3 | 1331 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221704 | Update for 7.3B.2 | Qualcomm Korea | 38.521-3 | 1331 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221337 | Addition of PC2 ENDC 4 combos into 38.521-3 TC7.3B.2 | Verizon Switzerland AG, Ericsson | 38.521-3 | 1332 | - | Rel-17 | F | ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest | agreed |
| R5-221351 | MSD test configurations modification for US inter-band EN-DC combinations with n77 | Apple Portugal | 38.521-3 | 1333 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-221885 | MSD test configurations modification for US inter-band EN-DC combinations with n77 | Apple Portugal | 38.521-3 | 1333 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-221362 | Update to Rel.16 EN-DC FR2 Band Combination Tables | Apple Portugal | 38.521-3 | 1334 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | withdrawn |
| R5-220276 | Clarifications on 5G NR connectivity options for Demod | CMCC | 38.521-4 | 0454 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220417 | Correction on Type I PMI test cases | China Telecom | 38.521-4 | 0455 | - | Rel-16 | F | NR\_perf\_enh-UEConTest | revised |
| R5-221842 | Correction on Type I PMI test cases | China Telecom | 38.521-4 | 0455 | 1 | Rel-16 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-220419 | Addition of FR1 CA CQI test cases | China Telecom | 38.521-4 | 0456 | - | Rel-16 | F | NR\_perf\_enh-UEConTest | revised |
| R5-221843 | Addition of FR1 CA CQI test cases | China Telecom | 38.521-4 | 0456 | 1 | Rel-16 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-220420 | Addition of applicability for FR1 CA CQI test requirements | China Telecom | 38.521-4 | 0457 | - | Rel-16 | F | NR\_perf\_enh-UEConTest | revised |
| R5-221844 | Addition of applicability for FR1 CA CQI test requirements | China Telecom | 38.521-4 | 0457 | 1 | Rel-16 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-220422 | Addition of FR2 CA CQI test cases | China Telecom | 38.521-4 | 0458 | - | Rel-16 | F | NR\_perf\_enh-UEConTest | revised |
| R5-221847 | Addition of FR2 CA CQI test cases | China Telecom | 38.521-4 | 0458 | 1 | Rel-16 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-220423 | Addition of applicability for FR2 CA CQI test requirements | China Telecom | 38.521-4 | 0459 | - | Rel-16 | F | NR\_perf\_enh-UEConTest | revised |
| R5-221848 | Addition of applicability for FR2 CA CQI test requirements | China Telecom | 38.521-4 | 0459 | 1 | Rel-16 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-220629 | Correction to demod TC 5.2.2.1.4\_1 | Huawei, Hisilicon | 38.521-4 | 0460 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220630 | Correction to demod TC 5.2.3.2.1\_1 | Huawei, Hisilicon | 38.521-4 | 0461 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220631 | Correction to demod TC 9.4B.1.1 | Huawei, Hisilicon | 38.521-4 | 0462 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220634 | Updates to HST test case 5.2.3.1.9\_1 | CMCC | 38.521-4 | 0463 | - | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-220635 | Updates to HST test case 5.2.3.1.10\_1 | CMCC | 38.521-4 | 0464 | - | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-220636 | Addition of HST test case 5.2.3.1.9\_1 to annex F | CMCC | 38.521-4 | 0465 | - | Rel-16 | F | NR\_HST-UEConTest | revised |
| R5-221856 | Addition of HST test case 5.2.3.1.9\_1 to annex F | CMCC | 38.521-4 | 0465 | 1 | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-220637 | Addition of HST test case 5.2.3.1.10\_1 to annex F | CMCC | 38.521-4 | 0466 | - | Rel-16 | F | NR\_HST-UEConTest | revised |
| R5-221857 | Addition of HST test case 5.2.3.1.10\_1 to annex F | CMCC | 38.521-4 | 0466 | 1 | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-220638 | Addition of fading profile power uncertainty for 4Tx, FR1 | Ericsson | 38.521-4 | 0467 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220651 | Editorial correction for test case title in Annex F | CMCC | 38.521-4 | 0468 | - | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-220664 | Editorial change for the position of clause 5.2.3.1.9 and 5.2.3.1.10 | CMCC | 38.521-4 | 0469 | - | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-220672 | Addition of test case 5.2.3.2.10\_1, 4Rx TDD FR1 HST DPS performance - 2x4 MIMO with baseline receiver for both SA and NSA | Ericsson | 38.521-4 | 0470 | - | Rel-16 | F | NR\_HST-UEConTest | revised |
| R5-221854 | Addition of test case 5.2.3.2.10\_1, 4Rx TDD FR1 HST DPS performance - 2x4 MIMO with baseline receiver for both SA and NSA | Ericsson | 38.521-4 | 0470 | 1 | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-220678 | Correcting applicability part of HST test cases in 38.521-4 | Ericsson | 38.521-4 | 0471 | - | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-220680 | Adding new HST test cases to 38.522 | Ericsson | 38.521-4 | 0472 | - | Rel-16 | F | NR\_HST-UEConTest | withdrawn |
| R5-220684 | Addition of new RMCs to Annex | Ericsson | 38.521-4 | 0473 | - | Rel-16 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-220685 | Addition of test case 5.2.3.2.4\_1, 4Rx TDD FR1 PDSCH Mapping Type A and LTE-NR coexistence performance - 4x4 MIMO with baseline receiver for both SA and NSA | Ericsson | 38.521-4 | 0474 | - | Rel-16 | F | NR\_perf\_enh-UEConTest | revised |
| R5-221845 | Addition of test case 5.2.3.2.4\_1, 4Rx TDD FR1 PDSCH Mapping Type A and LTE-NR coexistence performance - 4x4 MIMO with baseline receiver for both SA and NSA | Ericsson | 38.521-4 | 0474 | 1 | Rel-16 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-220686 | Correcting test applicability for EN-DC, rel-16 to rel-15 | Ericsson | 38.521-4 | 0475 | - | Rel-16 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-220751 | Correction to PS Demod TC 5.3.2.1.3 | Huawei,Hisilicon | 38.521-4 | 0476 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-220764 | Updating test case 6.3.2.2.3, 2Rx TDD FR1 Single PMI with 16Tx Type1 - SinglePanel codebook for both SA and NSA | Ericsson | 38.521-4 | 0477 | - | Rel-16 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-220796 | Update to eMIMO demod test cases | Huawei, HiSilicon | 38.521-4 | 0478 | - | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220812 | Addition of minimum test time for 1% residual BLER | Huawei, HiSilicon | 38.521-4 | 0479 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-221867 | Addition of minimum test time for 1% residual BLER | Huawei, HiSilicon | 38.521-4 | 0479 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-220813 | Update to 5.2.x.y.5 PDSCH with 1e-5 BLER | Huawei, HiSilicon | 38.521-4 | 0480 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-221860 | Update to 5.2.x.y.5 PDSCH with 1e-5 BLER | Huawei, HiSilicon | 38.521-4 | 0480 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-220814 | Update to 5.2.x.y.6 PDSCH with repetitions over multiple slots | Huawei, HiSilicon | 38.521-4 | 0481 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-221861 | Update to 5.2.x.y.6 PDSCH with repetitions over multiple slots | Huawei, HiSilicon | 38.521-4 | 0481 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-220815 | Update to 5.2.x.y.7 PDSCH mapping type B | Huawei, HiSilicon | 38.521-4 | 0482 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | withdrawn |
| R5-220816 | Update to 5.2.2.y.8 PDSCH pre-emption | Huawei, HiSilicon | 38.521-4 | 0483 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-221862 | Update to 5.2.2.y.8 PDSCH pre-emption | Huawei, HiSilicon | 38.521-4 | 0483 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-220817 | Addition of 5.2.3.1.8 PDSCH pre-emption 4Rx FDD | Huawei, HiSilicon | 38.521-4 | 0484 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-221863 | Addition of 5.2.3.1.8 PDSCH pre-emption 4Rx FDD | Huawei, HiSilicon | 38.521-4 | 0484 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-220818 | Addition of 5.2.3.2.8 PDSCH pre-emption 4Rx TDD | Huawei, HiSilicon | 38.521-4 | 0485 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-221864 | Addition of 5.2.3.2.8 PDSCH pre-emption 4Rx TDD | Huawei, HiSilicon | 38.521-4 | 0485 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-220819 | Update to Annex F for URLLC test cases | Huawei, HiSilicon | 38.521-4 | 0486 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-221868 | Update to Annex F for URLLC test cases | Huawei, HiSilicon | 38.521-4 | 0486 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-220820 | Adding testability description of 7.2.2.2.2 and 7.2.2.2.3 | Huawei, HiSilicon | 38.521-4 | 0487 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-220821 | Addition of 7.2.2.2.2 FR2 PDSCH repetition | Huawei, HiSilicon | 38.521-4 | 0488 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-221865 | Addition of 7.2.2.2.2 FR2 PDSCH repetition | Huawei, HiSilicon | 38.521-4 | 0488 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-220822 | Addition of 7.2.2.2.3 FR2 PDSCH mapping Type B | Huawei, HiSilicon | 38.521-4 | 0489 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-221866 | Addition of 7.2.2.2.3 FR2 PDSCH mapping Type B | Huawei, HiSilicon | 38.521-4 | 0489 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-220881 | Correction to HST Demod TC 5.2.2.1.9\_1 - HST-SFN | Huawei,Hisilicon | 38.521-4 | 0490 | - | Rel-16 | F | NR\_HST-UEConTest | withdrawn |
| R5-220909 | Correction to Annex H.1.2 | Anritsu | 38.521-4 | 0491 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221710 | Correction to Annex H.1.2 | Anritsu | 38.521-4 | 0491 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220917 | Correction to test frequencies for performance test cases | Anritsu | 38.521-4 | 0492 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221615 | Correction to test frequencies for performance test cases | Anritsu | 38.521-4 | 0492 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220936 | Editorial correction to 5.3.3.1.3 and 5.3.3.2.3 | Anritsu | 38.521-4 | 0493 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-221153 | Update to FR1 CA normal PDSCH test cases | Qualcomm CDMA Technologies | 38.521-4 | 0494 | - | Rel-16 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-221154 | Update to FR1 CA power imbalance test cases | Qualcomm CDMA Technologies | 38.521-4 | 0495 | - | Rel-16 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-221155 | Update to FR2 CA normal PDSCH test cases | Qualcomm CDMA Technologies | 38.521-4 | 0496 | - | Rel-16 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-221156 | Introduction of FR1 CA SDR test case | Qualcomm CDMA Technologies | 38.521-4 | 0497 | - | Rel-16 | F | NR\_perf\_enh-UEConTest | revised |
| R5-221846 | Introduction of FR1 CA SDR test case | Qualcomm CDMA Technologies | 38.521-4 | 0497 | 1 | Rel-16 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-221157 | Introduction of FR1 CA CQI reporting test case | Qualcomm CDMA Technologies | 38.521-4 | 0498 | - | Rel-16 | F | NR\_perf\_enh-UEConTest | withdrawn |
| R5-221160 | Editorial update to PBCH demod requirements section | Qualcomm CDMA Technologies | 38.521-4 | 0499 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221707 | Editorial update to PBCH demod requirements section | Qualcomm CDMA Technologies | 38.521-4 | 0499 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221163 | Update to testability of test requirements due to achievable SNR improvements | Qualcomm CDMA Technologies | 38.521-4 | 0500 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221708 | Update to testability of test requirements due to achievable SNR improvements | Qualcomm CDMA Technologies | 38.521-4 | 0500 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221166 | FR1 NSA SDR message contents update | Qualcomm CDMA Technologies | 38.521-4 | 0501 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221709 | FR1 NSA SDR message contents update | Qualcomm CDMA Technologies | 38.521-4 | 0501 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221169 | Update to HST Demod test cases | Qualcomm CDMA Technologies | 38.521-4 | 0502 | - | Rel-16 | F | NR\_HST-UEConTest | revised |
| R5-221855 | Update to HST Demod test cases | Qualcomm CDMA Technologies | 38.521-4 | 0502 | 1 | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-220040 | Updated the Test case conditions and selection criteria for TDD DSS NR bands n38, n48, n90 | CMCC | 38.522 | 0130 | - | Rel-17 | F | NR\_perf\_enh-UEConTest | revised |
| R5-221849 | Updated the Test case conditions and selection criteria for TDD DSS NR bands n38, n48, n90 | CMCC | 38.522 | 0130 | 1 | Rel-17 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-220041 | Addition of the TDD DSS NR bands n34, n39 | CMCC | 38.522 | 0131 | - | Rel-17 | F | DSS\_LTE\_B34\_NR\_Bn34\_LTE\_B39\_NR\_Bn39-UEConTest | agreed |
| R5-220062 | Correction of Additional Information for 6.2.2, 6.2.3 and 6.5.2.4.1 of 38.521-1 and 6.2B.2.3 and 6.2B.3.3 of 38.521-3 | CAICT | 38.522 | 0132 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221711 | Correction of Additional Information for 6.2.2, 6.2.3 and 6.5.2.4.1 of 38.521-1 and 6.2B.2.3 and 6.2B.3.3 of 38.521-3 | CAICT | 38.522 | 0132 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220163 | Add 2-Step RACH test cases to Applicability spec | China Telecommunications | 38.522 | 0133 | - | Rel-17 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-220166 | Update of RRM test case applicability - Note 1 removal | CMCC | 38.522 | 0134 | - | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-220169 | Correction of HST test case applicability | CMCC, Anritsu | 38.522 | 0135 | - | Rel-17 | F | NR\_HST-UEConTest | revised |
| R5-221858 | Correction of HST test case applicability | CMCC, Anritsu | 38.522 | 0135 | 1 | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-220310 | Correction of FR2 standalone Enhanced Beam correspondence - EIRP RF conformance test case applicability | Nokia, Nokia Shanghai Bell | 38.522 | 0136 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh-UEConTest | revised |
| R5-221891 | Correction of FR2 standalone Enhanced Beam correspondence - EIRP RF conformance test case applicability | Nokia, Nokia Shanghai Bell | 38.522 | 0136 | 1 | Rel-17 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-220418 | Addition of FR1 CA CQI test cases applicability | China Telecom | 38.522 | 0137 | - | Rel-17 | F | NR\_perf\_enh-UEConTest | revised |
| R5-221850 | Addition of FR1 CA CQI test cases applicability | China Telecom | 38.522 | 0137 | 1 | Rel-17 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-220421 | Addition of FR2 CA CQI test cases applicability | China Telecom | 38.522 | 0138 | - | Rel-17 | F | NR\_perf\_enh-UEConTest | revised |
| R5-221851 | Addition of FR2 CA CQI test cases applicability | China Telecom | 38.522 | 0138 | 1 | Rel-17 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-220536 | Correction to Applicability and Additional information for EN-DC TC and RRM TC | TTA, SGS Wireless | 38.522 | 0139 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221712 | Correction to Applicability and Additional information for EN-DC TC and RRM TC | TTA, SGS Wireless | 38.522 | 0139 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220663 | Update of HST Demod test case applicability - Note 1 removal | CMCC | 38.522 | 0140 | - | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-220667 | Correction the condition of 38.533 RRM TC6.7.7.1 | SGS Wireless | 38.522 | 0141 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220673 | Correcting applicability of HST test cases in 38.522 | Ericsson | 38.522 | 0142 | - | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-220757 | Addition of new performance enhancement test case in 38.522 | Ericsson | 38.522 | 0143 | - | Rel-17 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-220787 | Update to test applicability for V2X test cases | Huawei, HiSilicon | 38.522 | 0144 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220823 | Update to test applicability for URLLC test cases | Huawei, HiSilicon | 38.522 | 0145 | - | Rel-17 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-220948 | Addition of test applicability for UE Enhancements on MIMO | Sporton | 38.522 | 0146 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-221831 | Addition of test applicability for UE Enhancements on MIMO | Sporton | 38.522 | 0146 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220965 | Addition of applicability for test cases for EN-DC with 3 uplink | Huawei, HiSilicon | 38.522 | 0147 | - | Rel-17 | F | DC\_Pcmax\_3UL\_CC-UEConTest | agreed |
| R5-221000 | Addition of test applicability for L1-SINR measurement cases | Huawei, HiSilicon | 38.522 | 0148 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-221832 | Addition of test applicability for L1-SINR measurement cases | Huawei, HiSilicon | 38.522 | 0148 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-221004 | Correction to applicability of FR2 intra-frequency measurement without DRX and BFD TCs | Huawei,Hisilicon | 38.522 | 0149 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221048 | Correction of 4.0 for tested DC configuration selection criteria | ZTE Corporation | 38.522 | 0150 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221152 | Applicability of NR perf enh WI test cases | Qualcomm CDMA Technologies | 38.522 | 0151 | - | Rel-17 | F | NR\_perf\_enh-UEConTest | revised |
| R5-221852 | Applicability of NR perf enh WI test cases | Qualcomm CDMA Technologies | 38.522 | 0151 | 1 | Rel-17 | F | NR\_perf\_enh-UEConTest | agreed |
| R5-221213 | Addition of applicability for CADC MPR TC 6.2B.2.4\_1.1 | Intertek | 38.522 | 0152 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221294 | Addition of FR1 DL Interruptions test cases applicability | Ericsson | 38.522 | 0153 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | revised |
| R5-221797 | Addition of FR1 DL Interruptions test cases applicability | Ericsson | 38.522 | 0153 | 1 | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221295 | Correction of RRM test cases applicability - Note 1 removal | Ericsson | 38.522 | 0154 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221296 | Addition of Idle Mode CA/DC Measurements test cases applicability | Ericsson | 38.522 | 0155 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-221333 | New EVM test case applicability | Qualcomm Korea, ROHDE & SCHWARZ | 38.522 | 0156 | - | Rel-17 | F | TEI16\_Test | revised |
| R5-221913 | New EVM test case applicability | Qualcomm Korea, ROHDE & SCHWARZ | 38.522 | 0156 | 1 | Rel-17 | F | TEI16\_Test | agreed |
| R5-221363 | 38.522 applicability updates for Rel.16 FR2 RF enhancements | Apple Portugal | 38.522 | 0157 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh-UEConTest | withdrawn |
| R5-221371 | Adding new HST test cases | Ericsson | 38.522 | 0158 | - | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-220045 | Update of TC 7.1.3.5.6 for PDCP Duplication 3 RLC entities in NR IIoT | CMCC | 38.523-1 | 2662 | - | Rel-16 | F | NR\_IioT-UEConTest | withdrawn |
| R5-220046 | Addition of new test case for PDCP Duplication 3 RLC entities with NR intra-band non-contiguous CA in NR IIoT | CMCC | 38.523-1 | 2663 | - | Rel-16 | F | NR\_IioT-UEConTest | agreed |
| R5-220050 | Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.2.1 | CMCC | 38.523-1 | 2664 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220051 | Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.2.2 | CMCC | 38.523-1 | 2665 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221556 | Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.2.2 | CMCC | 38.523-1 | 2665 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220052 | Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.2.3 | CMCC | 38.523-1 | 2666 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220053 | Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.1.3.1 | CMCC, MediaTek Inc. | 38.523-1 | 2667 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220054 | Update of cell power level for FR2 in NR Immediate MDT TC 8.1.6.1.3.4 | CMCC, MediaTek Inc. | 38.523-1 | 2668 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220056 | Addition of Rel-16 NR Mobility Enhancement test case for Conditional PSCell change / PCell change / PSCell change / EN-DC | CATT, TDIA | 38.523-1 | 2669 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-221496 | Addition of Rel-16 NR Mobility Enhancement test case for Conditional PSCell change / PCell change / PSCell change / EN-DC | CATT, TDIA | 38.523-1 | 2669 | 1 | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220095 | Update the FR2 cell powers of test case 11.2.1 | CATT, TDIA | 38.523-1 | 2670 | - | Rel-16 | F | TEI16\_Test, SRVCC\_NR\_to\_UMTS-UEConTest | agreed |
| R5-220098 | Update the FR2 cell powers of test case 8.1.3.2.6 | CATT, TDIA | 38.523-1 | 2671 | - | Rel-16 | F | TEI16\_Test, SRVCC\_NR\_to\_UMTS-UEConTest | agreed |
| R5-220099 | Update the FR2 cell powers of test case 8.1.3.2.7 | CATT, TDIA | 38.523-1 | 2672 | - | Rel-16 | F | TEI16\_Test, SRVCC\_NR\_to\_UMTS-UEConTest | withdrawn |
| R5-220100 | Update the FR2 cell powers of test case 8.1.3.2.8 | CATT, TDIA | 38.523-1 | 2673 | - | Rel-16 | F | TEI16\_Test, SRVCC\_NR\_to\_UMTS-UEConTest | agreed |
| R5-220101 | Addition of new CVX TC 12.2.1.6- Inter-carrier concurrent operation / Sidelink communication / RRC\_CONNECTED / Reception | TDIA, CATT | 38.523-1 | 2674 | - | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221518 | Addition of new CVX TC 12.2.1.6- Inter-carrier concurrent operation / Sidelink communication / RRC\_CONNECTED / Reception | TDIA, CATT | 38.523-1 | 2674 | 1 | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220106 | Addition of new test case 8.2.3.6.2 for Intra-frequency measurements Event A3 in NE-DC | CMCC | 38.523-1 | 2675 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221443 | Addition of new test case 8.2.3.6.2 for Intra-frequency measurements Event A3 in NE-DC | CMCC | 38.523-1 | 2675 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220107 | Addition of new test case 8.2.3.6.2a for Inter-frequency measurements Event A3 in NE-DC | CMCC | 38.523-1 | 2676 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221444 | Addition of new test case 8.2.3.6.2a for Inter-frequency measurements Event A3 in NE-DC | CMCC | 38.523-1 | 2676 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220114 | Update of date for 5GC TC 9.1.4.1 | MediaTek Inc., Datang Linktester | 38.523-1 | 2677 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221451 | Update of date for 5GC TC 9.1.4.1 | MediaTek Inc., Datang Linktester | 38.523-1 | 2677 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220115 | Update of date for 5GC TC 9.2.4.1 | MediaTek Inc. | 38.523-1 | 2678 | - | Rel-16 | F | TEI15\_Test, 5GS\_Ph1-CT\_n3GPPA-UEConTest | revised |
| R5-222013 | Update of date for 5GC TC 9.2.4.1 | MediaTek Inc. | 38.523-1 | 2678 | 1 | Rel-16 | F | TEI15\_Test, 5GS\_Ph1-CT\_n3GPPA-UEConTest | agreed |
| R5-220116 | Update of MDT TC 8.1.6.1.2.1 | MediaTek Inc. | 38.523-1 | 2679 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221557 | Update of MDT TC 8.1.6.1.2.1 | MediaTek Inc. | 38.523-1 | 2679 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220117 | Update of MDT TC 8.1.6.1.2.2 | MediaTek Inc. | 38.523-1 | 2680 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221558 | Update of MDT TC 8.1.6.1.2.2 | MediaTek Inc. | 38.523-1 | 2680 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220118 | Update of MDT TC 8.1.6.1.2.3 | MediaTek Inc. | 38.523-1 | 2681 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221559 | Update of MDT TC 8.1.6.1.2.3 | MediaTek Inc. | 38.523-1 | 2681 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220119 | Update of MDT TC 8.1.6.1.2.4 | MediaTek Inc., Anritsu | 38.523-1 | 2682 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221560 | Update of MDT TC 8.1.6.1.2.4 | MediaTek Inc., Anritsu | 38.523-1 | 2682 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220120 | Update of MDT TC 8.1.6.1.2.5 | MediaTek Inc., Rohde & Schwarz, Anritsu | 38.523-1 | 2683 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221561 | Update of MDT TC 8.1.6.1.2.5 | MediaTek Inc., Rohde & Schwarz, Anritsu | 38.523-1 | 2683 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220121 | Update of MDT TC 8.1.6.1.2.6 | MediaTek Inc., Rohde & Schwarz, Anritsu | 38.523-1 | 2684 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221562 | Update of MDT TC 8.1.6.1.2.6 | MediaTek Inc., Rohde & Schwarz, Anritsu | 38.523-1 | 2684 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220122 | Update of MDT TC 8.1.6.1.2.7 | MediaTek Inc., ZTE Corporation, Anritsu Ltd, Keysight | 38.523-1 | 2685 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221563 | Update of MDT TC 8.1.6.1.2.7 | MediaTek Inc., ZTE Corporation, Anritsu Ltd, Keysight | 38.523-1 | 2685 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220123 | Update of MDT TC 8.1.6.1.2.8 | MediaTek Inc. | 38.523-1 | 2686 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221564 | Update of MDT TC 8.1.6.1.2.8 | MediaTek Inc. | 38.523-1 | 2686 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220124 | Update of MDT TC 8.1.6.1.2.9 | MediaTek Inc., Anritsu | 38.523-1 | 2687 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221565 | Update of MDT TC 8.1.6.1.2.9 | MediaTek Inc., Anritsu | 38.523-1 | 2687 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220125 | Update of MDT TC 8.1.6.1.2.10 | MediaTek Inc. | 38.523-1 | 2688 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221566 | Update of MDT TC 8.1.6.1.2.10 | MediaTek Inc. | 38.523-1 | 2688 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220126 | Update of MDT TC 8.1.6.1.2.11 | MediaTek Inc., Anritsu | 38.523-1 | 2689 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221567 | Update of MDT TC 8.1.6.1.2.11 | MediaTek Inc., Anritsu | 38.523-1 | 2689 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220127 | Update of MDT TC 8.1.6.1.2.12 | MediaTek Inc., Anritsu, Rohde & Schwarz | 38.523-1 | 2690 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221568 | Update of MDT TC 8.1.6.1.2.12 | MediaTek Inc., Anritsu, Rohde & Schwarz | 38.523-1 | 2690 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220128 | Update of MDT TC 8.1.6.1.2.13 | MediaTek Inc., Rohde & Schwarz, Anritsu | 38.523-1 | 2691 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221569 | Update of MDT TC 8.1.6.1.2.13 | MediaTek Inc., Rohde & Schwarz, Anritsu | 38.523-1 | 2691 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220156 | Correction to NR-DC TC 8.2.7.2.1 | TDIA, CATT | 38.523-1 | 2692 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220158 | Addition of sub-clause titles for NR V2X TCs | TDIA, CATT | 38.523-1 | 2693 | - | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221519 | Addition of sub-clause titles for NR V2X TCs | TDIA, CATT | 38.523-1 | 2693 | 1 | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220159 | Correction to NR TC 8.1.1.4.1 | TDIA, CATT | 38.523-1 | 2694 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220161 | Addition of NR V2X test case 12.2.1.2 | TDIA, CATT | 38.523-1 | 2695 | - | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-222049 | Addition of NR V2X test case 12.2.1.2 | TDIA, CATT | 38.523-1 | 2695 | 1 | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220162 | Addition of new test case 8.2.3.6.2b for Inter-band measurements Event A3 in NE-DC | CMCC | 38.523-1 | 2696 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221445 | Addition of new test case 8.2.3.6.2b for Inter-band measurements Event A3 in NE-DC | CMCC | 38.523-1 | 2696 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220187 | Update of SIB modification steps for Idle TC 6.1.2.9, 6.1.2.18, 6.2.3.1 and 6.2.3.3 | MediaTek Inc. | 38.523-1 | 2697 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221431 | Update of SIB modification steps for Idle TC 6.1.2.9, 6.1.2.18, 6.2.3.1 and 6.2.3.3 | MediaTek Inc. | 38.523-1 | 2697 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220188 | Editorial update of NR RRC TC 8.1.4.1.7.1 | MediaTek Inc. | 38.523-1 | 2698 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220189 | Editorial update of NR RRC TC 8.1.4.1.8.1 | MediaTek Inc. | 38.523-1 | 2699 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220190 | Update of UAC TC 11.3.1 and 11.3.1a | MediaTek Inc. | 38.523-1 | 2700 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220191 | Update of MDT TC 8.1.6.1.4.7 | MediaTek Inc. | 38.523-1 | 2701 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221570 | Update of MDT TC 8.1.6.1.4.7 | MediaTek Inc. | 38.523-1 | 2701 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220192 | Update of MDT TC 8.1.6.3.2.1 | MediaTek Inc. | 38.523-1 | 2702 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-220268 | Add test case 11.1.1a | Ericsson | 38.523-1 | 2703 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221452 | Add test case 11.1.1a | Ericsson | 38.523-1 | 2703 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220277 | Clarifications on 5G NR connectivity options for SIG | CMCC | 38.523-1 | 2704 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221450 | Clarifications on 5G NR connectivity options for SIG | CMCC | 38.523-1 | 2704 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220287 | Correction to NR MAC test case 7.1.1.3.8.x | Keysight Technologies UK, Qualcomm | 38.523-1 | 2705 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220288 | Correction to NR RRC test case 8.1.4.1.2 | Keysight Technologies UK | 38.523-1 | 2706 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221440 | Correction to NR RRC test case 8.1.4.1.2 | Keysight Technologies UK | 38.523-1 | 2706 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220289 | Correction to NR MDT test case 8.1.6.1.4.6 | Keysight Technologies UK, Qualcomm, Rohde & Schwarz | 38.523-1 | 2707 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220290 | Correction to NR MDT test case 8.1.6.1.4.7 | Keysight Technologies UK, Qualcomm | 38.523-1 | 2708 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-220291 | Correction to NR-DC RRC test case 8.2.3.14.2 | Keysight Technologies UK, Qualcomm | 38.523-1 | 2709 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221446 | Correction to NR-DC RRC test case 8.2.3.14.2 | Keysight Technologies UK, Qualcomm | 38.523-1 | 2709 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220292 | Addition of new RACS test case 9.1.9.7 | Keysight Technologies UK | 38.523-1 | 2710 | - | Rel-16 | F | RACS-UEConTest | revised |
| R5-222047 | Addition of new RACS test case 9.1.9.7 | Keysight Technologies UK | 38.523-1 | 2710 | 1 | Rel-16 | F | RACS-UEConTest | agreed |
| R5-220293 | Correction to R16 eNS TC 9.1.10.6 | Keysight Technologies, Qualcomm, Anritsu | 38.523-1 | 2711 | - | Rel-16 | F | TEI16\_Test | withdrawn |
| R5-220294 | Correction to UAC test case 11.3.1a | Keysight Technologies UK | 38.523-1 | 2712 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-222048 | Correction to UAC test case 11.3.1a | Keysight Technologies UK | 38.523-1 | 2712 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220295 | Correction to UAC test case 11.3.2 | Keysight Technologies UK, Qualcomm, Huawei, Hisilicon | 38.523-1 | 2713 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221456 | Correction to UAC test case 11.3.2 | Keysight Technologies UK | 38.523-1 | 2713 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220296 | Correction to UAC test case 11.3.6 | Keysight Technologies UK, Qualcomm | 38.523-1 | 2714 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221457 | Correction to UAC test case 11.3.6 | Keysight Technologies UK, Qualcomm | 38.523-1 | 2714 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220301 | Correction to Idle Mode SOR test case 6.3.1.5 | Keysight Technologies UK | 38.523-1 | 2715 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221432 | Correction to Idle Mode SOR test case 6.3.1.5 | Keysight Technologies UK | 38.523-1 | 2715 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220302 | Correction to NR SDAP test case 7.1.4.1 | Keysight Technologies UK, MCC TF160 | 38.523-1 | 2716 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221435 | Correction to NR SDAP test case 7.1.4.1 | Keysight Technologies UK, MCC TF160 | 38.523-1 | 2716 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220325 | Correction to TC 11.3.8 UAC / Access Identity 0 / NR RRC\_IDLE / Cell re-selection while T390 is running | CATT | 38.523-1 | 2717 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221458 | Correction to TC 11.3.8 UAC / Access Identity 0 / NR RRC\_IDLE / Cell re-selection while T390 is running | CATT | 38.523-1 | 2717 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220329 | Update of MDT test case 8.1.6.1.2.1 | ZTE Corporation | 38.523-1 | 2718 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220330 | Update of MDT test case 8.1.6.1.2.3 | ZTE Corporation | 38.523-1 | 2719 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220331 | Update of MDT test case 8.1.6.1.2.4 | ZTE Corporation | 38.523-1 | 2720 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220332 | Update of MDT test case 8.1.6.1.2.7 | ZTE Corporation | 38.523-1 | 2721 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-220333 | Update of MDT test case 8.1.6.1.2.8 | ZTE Corporation | 38.523-1 | 2722 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220334 | Update of MDT test case 8.1.6.1.2.9 | ZTE Corporation | 38.523-1 | 2723 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220335 | Update of MDT test case 8.1.6.1.2.12 | ZTE Corporation | 38.523-1 | 2724 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221571 | Update of MDT test case 8.1.6.1.2.12 | ZTE Corporation | 38.523-1 | 2724 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220336 | Update of MDT test case 8.1.6.1.2.13 | ZTE Corporation | 38.523-1 | 2725 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221572 | Update of MDT test case 8.1.6.1.2.13 | ZTE Corporation | 38.523-1 | 2725 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220367 | Correction to NAS 5GMM test case 9.1.5.1.15 | Anritsu Ltd, Rohde and Schwarz | 38.523-1 | 2726 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220368 | Correction to MDT test case 8.1.6.1.2.7 | Anritsu Ltd, Keysight | 38.523-1 | 2727 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-220370 | Correction to MDT test case 8.1.6.1.2.9 | ANRITSU LTD | 38.523-1 | 2728 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-220373 | Addition of Rel-16 RACS TC 9.1.9.6 | ANRITSU LTD | 38.523-1 | 2730 | - | Rel-16 | F | RACS-UEConTest | revised |
| R5-221536 | Addition of Rel-16 RACS TC 9.1.9.6 | ANRITSU LTD | 38.523-1 | 2730 | 1 | Rel-16 | F | RACS-UEConTest | agreed |
| R5-220376 | Addition of Rel-16 RACS TC 9.1.9.3 | ANRITSU LTD | 38.523-1 | 2731 | - | Rel-16 | F | RACS-UEConTest | revised |
| R5-221537 | Addition of Rel-16 RACS TC 9.1.9.3 | ANRITSU LTD | 38.523-1 | 2731 | 1 | Rel-16 | F | RACS-UEConTest | agreed |
| R5-220391 | Align the terminology being used for OTA environment (Idle Mode TCs) | ROHDE & SCHWARZ | 38.523-1 | 2732 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221433 | Align the terminology being used for OTA environment (Idle Mode TCs) | ROHDE & SCHWARZ | 38.523-1 | 2732 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220392 | Align the terminology being used for OTA environment (MAC TCs) | ROHDE & SCHWARZ | 38.523-1 | 2733 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220393 | Align the terminology being used for OTA environment (RRC 8.1.1.x TCs) | ROHDE & SCHWARZ | 38.523-1 | 2734 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221436 | Align the terminology being used for OTA environment (RRC 8.1.1.x TCs) | ROHDE & SCHWARZ | 38.523-1 | 2734 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220394 | Align the terminology being used for OTA environment (RRC 8.1.3.x TCs) | ROHDE & SCHWARZ | 38.523-1 | 2735 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221439 | Align the terminology being used for OTA environment (RRC 8.1.3.x TCs) | ROHDE & SCHWARZ | 38.523-1 | 2735 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220395 | Align the terminology being used for OTA environment (RRC 8.1.4.x TCs) | ROHDE & SCHWARZ | 38.523-1 | 2736 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221441 | Align the terminology being used for OTA environment (RRC 8.1.4.x TCs) | ROHDE & SCHWARZ | 38.523-1 | 2736 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220396 | Align the terminology being used for OTA environment (RRC 8.2.3.x) | ROHDE & SCHWARZ | 38.523-1 | 2737 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221447 | Align the terminology being used for OTA environment (RRC 8.2.3.x) | ROHDE & SCHWARZ | 38.523-1 | 2737 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220397 | Align the terminology being used for OTA environment (RRC 8.2.4.x) | ROHDE & SCHWARZ | 38.523-1 | 2738 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220398 | Align the terminology being used for OTA environment (EPS Fallback TCs) | ROHDE & SCHWARZ | 38.523-1 | 2739 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220399 | Align the terminology being used for OTA environment (UAC TCs) | ROHDE & SCHWARZ | 38.523-1 | 2740 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220403 | Addition of new 5GS IMS test case 11.4.12 | NTT DOCOMO, INC. | 38.523-1 | 2741 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221460 | Addition of new 5GS IMS test case 11.4.12 | NTT DOCOMO, INC. | 38.523-1 | 2741 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220453 | Deletion of Editor's Note below clause 7.1.2 | MCC TF160 | 38.523-1 | 2742 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220454 | Correction to 5GC test case 9.1.1.3 | MCC TF160 | 38.523-1 | 2743 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220504 | Correction to NR RRC test case 8.1.5.2.2 | Keysight Technologies UK | 38.523-1 | 2744 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220505 | Remove test case 8.1.6.1.3.6 | MediaTek Inc. | 38.523-1 | 2745 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221412 | Remove test case 8.1.6.1.3.6 | MediaTek Inc. | 38.523-1 | 2745 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-220506 | Correction to SON-MDT test case 8.1.6.1.4.2 | Anritsu Ltd, Qualcomm, Keysight | 38.523-1 | 2746 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221573 | Correction to SON-MDT test case 8.1.6.1.4.2 | Anritsu Ltd, Qualcomm, Keysight | 38.523-1 | 2746 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220507 | Update to test case 8.1.6.1.3.7 | MediaTek Inc., Rohde & Schwarz, Qualcomm, Keysight Technologies UK, Anritsu | 38.523-1 | 2747 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221574 | Update to test case 8.1.6.1.3.7 | MediaTek Inc., Rohde & Schwarz, Qualcomm, Keysight Technologies UK, Anritsu | 38.523-1 | 2747 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220525 | Correction to TC 7.1.1.12.3 DRX adaptation / UE wakeup indication | CATT | 38.523-1 | 2748 | - | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | revised |
| R5-221530 | Correction to TC 7.1.1.12.3 DRX adaptation / UE wakeup indication | CATT | 38.523-1 | 2748 | 1 | Rel-16 | F | NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-220530 | Update of NR5G NPN TC 6.5.2.1 | MediaTek Inc. | 38.523-1 | 2749 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | revised |
| R5-221531 | Update of NR5G NPN TC 6.5.2.1 | MediaTek Inc. | 38.523-1 | 2749 | 1 | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-220531 | Update of NR5G NPN TC 6.5.2.2 | MediaTek Inc. | 38.523-1 | 2750 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-220532 | Update of NR5G NPN TC 6.5.2.4 | MediaTek Inc. | 38.523-1 | 2751 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-220543 | Correction to NR TC 6.4.1.1-PLMN Selection-Higher priority PLMN | Huawei, Hisilicon | 38.523-1 | 2752 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220544 | Correction to NR TC 7.1.1.5.3-Short Cycle DRX | Huawei, Hisilicon | 38.523-1 | 2753 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220545 | Correction to NR SA TC 8.1.1.3.7-RRC release | Huawei, Hisilicon | 38.523-1 | 2754 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220546 | Correction to NR TC 8.1.2.1.1-RRC Reconfiguration | Huawei, Hisilicon | 38.523-1 | 2755 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221438 | Correction to NR TC 8.1.2.1.1-RRC Reconfiguration | Huawei, Hisilicon | 38.523-1 | 2755 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220547 | Correction to NR SA TC 8.1.4.1.7.x-SCell release | Huawei, Hisilicon | 38.523-1 | 2756 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221442 | Correction to NR SA TC 8.1.4.1.7.x-SCell release | Huawei, Hisilicon | 38.523-1 | 2756 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220548 | Correction to NR SA TC 8.2.2.2.1-Split SRB | Huawei, Hisilicon | 38.523-1 | 2757 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220549 | Correction to NR TC 9.1.4.1-Generic UE configuration update | Huawei, Hisilicon | 38.523-1 | 2758 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220550 | Correction to NR TC 10.1.1.1-PDU session authentication and authorization | Huawei, Hisilicon | 38.523-1 | 2759 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220551 | Correction to NR TC 10.1.1.2-After the UE-requested PDU session procedure | Huawei, Hisilicon | 38.523-1 | 2760 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220552 | Correction to ENDC TC 10.2.2.1-EPS bearer resource allocation | Huawei, Hisilicon | 38.523-1 | 2761 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220553 | Correction to NR TC 11.1.5-EPS Fallback from NR Connected without N26 | Huawei, Hisilicon, CATT, Datang Linktester | 38.523-1 | 2762 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221453 | Correction to NR TC 11.1.5-EPS Fallback from NR Connected without N26 | Huawei, Hisilicon, CATT, Datang Linktester | 38.523-1 | 2762 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220554 | Correction to NR TC 11.1.6-EPS Fallback from NR Idle without N26 | Huawei, Hisilicon, CATT, Datang Linktester | 38.523-1 | 2763 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221454 | Correction to NR TC 11.1.6-EPS Fallback from NR Idle without N26 | Huawei, Hisilicon, CATT, Datang Linktester | 38.523-1 | 2763 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220555 | Correction to NR TC 11.3.1-UAC for MO Speech Call and SMSoIP | Huawei, Hisilicon, CATT, Datang Linktester, MediaTek Inc. | 38.523-1 | 2764 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221459 | Correction to NR TC 11.3.1-UAC for MO Speech Call and SMSoIP | Huawei, Hisilicon, CATT, Datang Linktester, MediaTek Inc. | 38.523-1 | 2764 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220556 | Correction to NR TC 11.3.2-UAC for Emergency Call | Huawei, Hisilicon | 38.523-1 | 2765 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220557 | Correction to NR TC 11.3.5-UAC New cell not in the country of its HPLMN | Huawei, Hisilicon, CATT, Datang Linktester | 38.523-1 | 2766 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220558 | Correction to NR TC 11.3.6-UAC for Access Identity 2 | Huawei, Hisilicon | 38.523-1 | 2767 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-222036 | Correction to NR TC 11.3.6-UAC for Access Identity 2 | Huawei, Hisilicon | 38.523-1 | 2767 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220559 | Correction to NR TC 11.3.9-UAC for ODAC | Huawei, Hisilicon | 38.523-1 | 2768 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220560 | Correction to NR TC 11.4.1-emergency call and authentication failure | Huawei, Hisilicon | 38.523-1 | 2769 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220561 | Correction to NR TC 11.4.10-N26 not supported - N1 to S1 transfer of an existing emergency PDU session | Huawei, Hisilicon | 38.523-1 | 2770 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221417 | Correction to NR TC 11.4.10-N26 not supported - N1 to S1 transfer of an existing emergency PDU session | Huawei, Hisilicon | 38.523-1 | 2770 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220594 | Addition of V2X TC 13.2.1-Conflict Layer 2 ID | Huawei, Hisilicon | 38.523-1 | 2771 | - | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221520 | Addition of V2X TC 13.2.1-Conflict Layer 2 ID | Huawei, Hisilicon | 38.523-1 | 2771 | 1 | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220595 | Addition of V2X TC 13.2.2-Security Mode | Huawei, Hisilicon | 38.523-1 | 2772 | - | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221521 | Addition of V2X TC 13.2.2-Security Mode | Huawei, Hisilicon | 38.523-1 | 2772 | 1 | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220596 | Addition of V2X TC 13.2.6-Link keep alive | Huawei, Hisilicon | 38.523-1 | 2773 | - | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221522 | Addition of V2X TC 13.2.6-Link keep alive | Huawei, Hisilicon | 38.523-1 | 2773 | 1 | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220601 | Correction to NR TC 7.1.3.4.3-PDCP DAPS HO | Huawei, Hisilicon | 38.523-1 | 2774 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | withdrawn |
| R5-220602 | Correction to NR TC 8.1.4.3.1-RRC DAPS HO Success | Huawei, Hisilicon | 38.523-1 | 2775 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-222040 | Correction to NR TC 8.1.4.3.1-RRC DAPS HO Success | Huawei, Hisilicon | 38.523-1 | 2775 | 1 | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220603 | Correction to NR TC 8.1.4.3.2-RRC DAPS HO Failure | Huawei, Hisilicon | 38.523-1 | 2776 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-222041 | Correction to NR TC 8.1.4.3.2-RRC DAPS HO Failure | Huawei, Hisilicon | 38.523-1 | 2776 | 1 | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220604 | Correction to NR TC 8.1.4.3.4-RRC DAPS HO Success Inter-frequency | Huawei, Hisilicon | 38.523-1 | 2777 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-221497 | Correction to NR TC 8.1.4.3.4-RRC DAPS HO Success Inter-frequency | Huawei, Hisilicon | 38.523-1 | 2777 | 1 | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220605 | Correction to NR TC 8.1.4.4.4-Conditional handover and legacy handover | Huawei, Hisilicon | 38.523-1 | 2778 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-222042 | Correction to NR TC 8.1.4.4.4-Conditional handover and legacy handover | Huawei, Hisilicon | 38.523-1 | 2778 | 1 | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220606 | Correction to NR TC 8.2.3.18.1-Conditional PSCell change Success | Huawei, Hisilicon | 38.523-1 | 2779 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-221498 | Correction to NR TC 8.2.3.18.1-Conditional PSCell change Success | Huawei, Hisilicon | 38.523-1 | 2779 | 1 | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220612 | Correction to NR MDT TC 8.1.6.1.4.3-Intra NR\_Connection Establishment Failure\_Reporting at intra-NR handover | Huawei, Hisilicon | 38.523-1 | 2780 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220613 | Correction to NR MDT TC 8.1.6.1.4.4-Intra NR\_Connection Establishment Failure\_RRC connection re-establishment | Huawei, Hisilicon | 38.523-1 | 2781 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220614 | Correction to NR MDT TC 8.1.6.1.4.7-Intra NR\_Connection Establishment Failure\_ Inter-frequency measurements | Huawei, Hisilicon | 38.523-1 | 2782 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-220615 | Correction to NR MDT TC 8.1.6.3.1.3-Inter System\_Immediate MDT\_Sensor | Huawei, Hisilicon | 38.523-1 | 2783 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221575 | Correction to NR MDT TC 8.1.6.3.1.3-Inter System\_Immediate MDT\_Sensor | Huawei, Hisilicon | 38.523-1 | 2783 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220616 | Correction to NR MDT TC 8.1.6.3.2.1-Inter System\_Logged\_Bluetooth | Huawei, Hisilicon | 38.523-1 | 2784 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-220617 | Correction to NR MDT TC 8.1.6.3.2.3-Inter System\_Logged\_Sensor | Huawei, Hisilicon | 38.523-1 | 2785 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221576 | Correction to NR MDT TC 8.1.6.3.2.3-Inter System\_Logged\_Sensor | Huawei, Hisilicon | 38.523-1 | 2785 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220618 | Correction to NR MDT TC 8.1.6.3.3.3-Inter System\_RLF\_Sensor | Huawei, Hisilicon | 38.523-1 | 2786 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221577 | Correction to NR MDT TC 8.1.6.3.3.3-Inter System\_RLF\_Sensor | Huawei, Hisilicon | 38.523-1 | 2786 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220619 | Correction to NR MDT TC 8.1.6.3.4.3-Inter System\_Connection Establishment Failure\_Sensor | Huawei, Hisilicon | 38.523-1 | 2787 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221578 | Correction to NR MDT TC 8.1.6.3.4.3-Inter System\_Connection Establishment Failure\_Sensor | Huawei, Hisilicon | 38.523-1 | 2787 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220621 | Correction to NR SRVCC TC 8.1.3.2.8-Inter RAT | Huawei, Hisilicon | 38.523-1 | 2788 | - | Rel-16 | F | TEI16\_Test, SRVCC\_NR\_to\_UMTS-UEConTest | revised |
| R5-222014 | Correction to NR SRVCC TC 8.1.3.2.8-Inter RAT | Huawei, Hisilicon | 38.523-1 | 2788 | 1 | Rel-16 | F | TEI16\_Test, SRVCC\_NR\_to\_UMTS-UEConTest | agreed |
| R5-220640 | Correction to NR-DC testcase 7.1.1.11.1 | ROHDE & SCHWARZ, Keysight, Qualcomm | 38.523-1 | 2789 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221434 | Correction to NR-DC testcase 7.1.1.11.1 | ROHDE & SCHWARZ, Keysight, Qualcomm | 38.523-1 | 2789 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220641 | Correction to NR PDCP test case 7.1.3.5.2 | MCC TF160 | 38.523-1 | 2790 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220644 | Correction to NR5GC testcase 11.1.7 | ROHDE & SCHWARZ, Qualcomm | 38.523-1 | 2791 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220648 | Correction to NR MAC testcase 7.1.1.3.3 | ROHDE & SCHWARZ | 38.523-1 | 2792 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220649 | Correction to NR test case 8.1.1.4.1 | ROHDE & SCHWARZ, TDIA, CATT, Spreadtrum | 38.523-1 | 2793 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221437 | Correction to NR test case 8.1.1.4.1 | ROHDE & SCHWARZ, TDIA, CATT, Spreadtrum | 38.523-1 | 2793 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220650 | Correction to NR V2X TC 13.1.1-policy provisioning | Huawei, Hisilicon | 38.523-1 | 2794 | - | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221523 | Correction to NR V2X TC 13.1.1-policy provisioning | Huawei, Hisilicon | 38.523-1 | 2794 | 1 | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220662 | Correction to NR testcases 8.2.4.1.1.1, 8.2.4.1.1.2 and 8.2.4.1.1.3 | ROHDE & SCHWARZ | 38.523-1 | 2795 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221449 | Correction to NR testcases 8.2.4.1.1.1, 8.2.4.1.1.2 and 8.2.4.1.1.3 | ROHDE & SCHWARZ | 38.523-1 | 2795 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220669 | Correction to MDT test case 8.1.6.1.3.3 | MediaTek Inc., Rohde & Schwarz | 38.523-1 | 2796 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221579 | Correction to MDT test case 8.1.6.1.3.3 | MediaTek Inc., Rohde & Schwarz | 38.523-1 | 2796 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220671 | Correction to NR test case 7.1.1.9.1 | ROHDE & SCHWARZ | 38.523-1 | 2797 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-222044 | Correction to NR test case 7.1.1.9.1 | ROHDE & SCHWARZ | 38.523-1 | 2797 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220679 | Correction to NR5GC testcase 6.5.2.1 | ROHDE & SCHWARZ | 38.523-1 | 2798 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | withdrawn |
| R5-220681 | Correction to NR5GC testcase 6.5.1.3 | ROHDE & SCHWARZ, Qualcomm | 38.523-1 | 2799 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | revised |
| R5-221532 | Correction to NR5GC testcase 6.5.1.3 | ROHDE & SCHWARZ, Qualcomm | 38.523-1 | 2799 | 1 | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-220682 | Correction to NR5GC testcase 6.5.1.2 | ROHDE & SCHWARZ | 38.523-1 | 2800 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-220683 | Correction to NR5GC testcase 6.5.1.1 | ROHDE & SCHWARZ, Qualcomm | 38.523-1 | 2801 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | revised |
| R5-221533 | Correction to NR5GC testcase 6.5.1.1 | ROHDE & SCHWARZ, Qualcomm | 38.523-1 | 2801 | 1 | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-220769 | Correction to RACS test case 9.1.9.5 | Keysight Technologies UK, Anritsu | 38.523-1 | 2802 | - | Rel-16 | F | RACS-UEConTest | revised |
| R5-221538 | Correction to RACS test case 9.1.9.5 | Keysight Technologies UK, Anritsu | 38.523-1 | 2802 | 1 | Rel-16 | F | RACS-UEConTest | agreed |
| R5-220810 | Addition of message exception to 7.1.1.4.1.5 | Huawei, HiSilicon | 38.523-1 | 2803 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | withdrawn |
| R5-220839 | Correction to NR-DC RRC test case 8.2.3.11.3 | Qualcomm CDMA Technologies | 38.523-1 | 2804 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221448 | Correction to NR-DC RRC test case 8.2.3.11.3 | Qualcomm CDMA Technologies | 38.523-1 | 2804 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220840 | Correction to R16 eNS TC 9.1.10.6 | Qualcomm CDMA Technologies, Keysight Technologies UK, Anritsu Ltd | 38.523-1 | 2805 | - | Rel-16 | F | TEI16\_Test, eNS-UEConTest | revised |
| R5-222007 | Correction to R16 eNS TC 9.1.10.6 | Qualcomm CDMA Technologies, Keysight Technologies UK, Anritsu Ltd | 38.523-1 | 2805 | 1 | Rel-16 | F | TEI16\_Test, eNS-UEConTest | agreed |
| R5-220841 | Correction to R16 eNS TC 9.1.10.3 | Qualcomm CDMA Technologies, Anritsu Ltd, Ericsson | 38.523-1 | 2806 | - | Rel-16 | F | TEI16\_Test, eNS-UEConTest | revised |
| R5-222008 | Correction to R16 eNS TC 9.1.10.3 | Qualcomm CDMA Technologies, Anritsu Ltd, Ericsson | 38.523-1 | 2806 | 1 | Rel-16 | F | TEI16\_Test, eNS-UEConTest | agreed |
| R5-220842 | Correction to R16 eNS TC 9.1.10.1 | Qualcomm CDMA Technologies, Keysight Technologies UK, Anritsu Ltd | 38.523-1 | 2807 | - | Rel-16 | F | TEI16\_Test, eNS-UEConTest | revised |
| R5-222009 | Correction to R16 eNS TC 9.1.10.1 | Qualcomm CDMA Technologies, Keysight Technologies UK, Anritsu Ltd | 38.523-1 | 2807 | 1 | Rel-16 | F | TEI16\_Test, eNS-UEConTest | agreed |
| R5-220843 | Correction to NR MDT test case 8.1.6.1.3.4 | Qualcomm CDMA Technologies, Anritsu Ltd | 38.523-1 | 2808 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221580 | Correction to NR MDT test case 8.1.6.1.3.4 | Qualcomm CDMA Technologies, Anritsu Ltd | 38.523-1 | 2808 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-220844 | Correction to NR MDT test case 8.1.6.1.3.7 | Qualcomm CDMA Technologies, Anritsu Ltd, Keysight Technologies UK | 38.523-1 | 2809 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-220845 | Correction to NR MDT test case 8.1.6.1.4.8 | Qualcomm CDMA Technologies | 38.523-1 | 2810 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-220848 | Correction to NR test case 11.3.2 | Qualcomm CDMA Technologies | 38.523-1 | 2811 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220849 | Editorial Updates to Clause 8.2 | Qualcomm CDMA Technologies | 38.523-1 | 2812 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221041 | Updates to Inter-System MDT test cases 8.1.6.3.1.x | MCC TF160 | 38.523-1 | 2813 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-221042 | Updates to Inter-System MDT test cases 8.1.6.3.2.x | MCC TF160, MediaTek Inc., Huawei, HiSilicon | 38.523-1 | 2814 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221581 | Updates to Inter-System MDT test cases 8.1.6.3.2.x | MCC TF160, MediaTek Inc., Huawei, HiSilicon | 38.523-1 | 2814 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-221043 | Updates to Inter-System MDT test cases 8.1.6.3.3.x | MCC TF160, MediaTek Inc. | 38.523-1 | 2815 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221582 | Updates to Inter-System MDT test cases 8.1.6.3.3.x | MCC TF160, MediaTek Inc. | 38.523-1 | 2815 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-221044 | Updates to Inter-System MDT test cases 8.1.6.3.4.x | MCC TF160, MediaTek Inc. | 38.523-1 | 2816 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221583 | Updates to Inter-System MDT test cases 8.1.6.3.4.x | MCC TF160, MediaTek Inc. | 38.523-1 | 2816 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-221068 | Addition of new NR EIEI test case 11.5.5 | Qualcomm Incorporated | 38.523-1 | 2817 | - | Rel-16 | F | NR\_EIEI-UEConTest | revised |
| R5-221595 | Addition of new NR EIEI test case 11.5.5 | Qualcomm Incorporated | 38.523-1 | 2817 | 1 | Rel-16 | F | NR\_EIEI-UEConTest | agreed |
| R5-221069 | Correction to test case name of TC 9.1.10.3 and TC 9.1.10.4 | Tejet | 38.523-1 | 2818 | - | Rel-16 | F | TEI16\_Test, eNS-UEConTest | revised |
| R5-222010 | Correction to test case name of TC 9.1.10.3 and TC 9.1.10.4 | Tejet | 38.523-1 | 2818 | 1 | Rel-16 | F | TEI16\_Test, eNS-UEConTest | agreed |
| R5-221077 | Update of MDT TC 8.1.6.3.3.1 | MediaTek Inc. | 38.523-1 | 2819 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221395 | Update of MDT TC 8.1.6.3.3.1 | MediaTek Inc. | 38.523-1 | 2819 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-221078 | Update of MDT TC 8.1.6.3.4.1 | MediaTek Inc. | 38.523-1 | 2820 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221396 | Update of MDT TC 8.1.6.3.4.1 | MediaTek Inc. | 38.523-1 | 2820 | 1 | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-221080 | Update of TC 7.1.3.5.6 for PDCP Duplication 3 RLC entities in NR IIoT | CMCC, MCC TF160 | 38.523-1 | 2821 | - | Rel-16 | F | NR\_IioT-UEConTest | revised |
| R5-221494 | Update of TC 7.1.3.5.6 for PDCP Duplication 3 RLC entities in NR IIoT | CMCC, MCC TF160 | 38.523-1 | 2821 | 1 | Rel-16 | F | NR\_IioT-UEConTest | agreed |
| R5-221087 | Correction to NR URLLC MAC Test Case 7.1.1.4.1.5 | Lenovo, Motorola Mobility, Huawei, HiSilicon, MCC TF160 | 38.523-1 | 2822 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-221586 | Correction to NR URLLC MAC Test Case 7.1.1.4.1.5 | Lenovo, Motorola Mobility, Huawei, HiSilicon, MCC TF160 | 38.523-1 | 2822 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-221088 | Addition of new NR URLLC MAC Test Case for DL Grant Prioritisation | Lenovo, Motorola Mobility | 38.523-1 | 2823 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-221587 | Addition of new NR URLLC MAC Test Case for DL Grant Prioritisation | Lenovo, Motorola Mobility | 38.523-1 | 2823 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-221089 | Addition of new NR URLLC MAC Test Case for UL Data prioritisation | Lenovo, Motorola Mobility | 38.523-1 | 2824 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-221588 | Addition of new NR URLLC MAC Test Case for UL Data prioritisation | Lenovo, Motorola Mobility | 38.523-1 | 2824 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-221093 | Correction to Rel16 eNS EPS Mobility Management test case | Lenovo, Motorola Mobility, MCC TF160 | 38.523-1 | 2825 | - | Rel-16 | F | TEI16\_Test, eNS-UEConTest | revised |
| R5-222011 | Correction to Rel16 eNS EPS Mobility Management test case | Lenovo, Motorola Mobility, MCC TF160 | 38.523-1 | 2825 | 1 | Rel-16 | F | TEI16\_Test, eNS-UEConTest | agreed |
| R5-221095 | Addition of new SNPN test case for EAP based primary authentication and key agreement | Lenovo, Motorola Mobility | 38.523-1 | 2826 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | revised |
| R5-221534 | Addition of new SNPN test case for EAP based primary authentication and key agreement | Lenovo, Motorola Mobility | 38.523-1 | 2826 | 1 | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-221097 | Addition of new NR V2X PC5 RRC reconfiguration failure / Initiating UE side | Lenovo, Motorola Mobility | 38.523-1 | 2827 | - | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221524 | Addition of new NR V2X PC5 RRC reconfiguration failure / Initiating UE side | Lenovo, Motorola Mobility | 38.523-1 | 2827 | 1 | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-221098 | Addition of new NR V2X PC5 RRC reconfiguration failure / Peer UE side test case | Lenovo, Motorola Mobility | 38.523-1 | 2828 | - | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221525 | Addition of new NR V2X PC5 RRC reconfiguration failure / Peer UE side test case | Lenovo, Motorola Mobility | 38.523-1 | 2828 | 1 | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-221099 | Addition of new NR V2X Sidelink radio link failure / Transmission side test case | Lenovo, Motorola Mobility | 38.523-1 | 2829 | - | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221526 | Addition of new NR V2X Sidelink radio link failure / Transmission side test case | Lenovo, Motorola Mobility | 38.523-1 | 2829 | 1 | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-221103 | Addition of new RACS test case 9.1.9.4 | Qualcomm Incorporated | 38.523-1 | 2830 | - | Rel-16 | F | RACS-UEConTest | revised |
| R5-221539 | Addition of new RACS test case 9.1.9.4 | Qualcomm Incorporated | 38.523-1 | 2830 | 1 | Rel-16 | F | RACS-UEConTest | agreed |
| R5-221105 | Correction to NR testcase 8.1.5.2.2 | ROHDE & SCHWARZ | 38.523-1 | 2831 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221174 | Correction to NR URLLC MAC Test Case 7.1.1.4.2.6 | Lenovo, Motorola Mobility | 38.523-1 | 2832 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-221589 | Correction to NR URLLC MAC Test Case 7.1.1.4.2.6 | Lenovo, Motorola Mobility | 38.523-1 | 2832 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-221195 | Update to test cases 11.1.1, 11.1.3, 11.1.4, 11.1.8 and 11.1.9 | MediaTek Inc. | 38.523-1 | 2833 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221455 | Update to test cases 11.1.1, 11.1.3, 11.1.4, 11.1.8 and 11.1.9 | MediaTek Inc. | 38.523-1 | 2833 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221197 | New testcase for Idle/Inactive measurements on NR cells in RRC\_INACTIVE state with configuration through SIB11 | Nokia, Nokia Shanghai Bell | 38.523-1 | 2834 | - | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-222003 | New testcase for Idle/Inactive measurements on NR cells in RRC\_INACTIVE state with configuration through SIB11 | Nokia, Nokia Shanghai Bell | 38.523-1 | 2834 | 1 | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-221199 | New testcase for Idle/Inactive measurements on E-UTRA cells in RRC\_INACTIVE state with configuration through SIB11 | Nokia, Nokia Shanghai Bell | 38.523-1 | 2835 | - | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-222004 | New testcase for Idle/Inactive measurements on E-UTRA cells in RRC\_INACTIVE state with configuration through SIB11 | Nokia, Nokia Shanghai Bell | 38.523-1 | 2835 | 1 | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-221223 | Update to test case 11.6.1 | Ericsson | 38.523-1 | 2836 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221461 | Update to test case 11.6.1 | Ericsson | 38.523-1 | 2836 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221224 | Update Connectivity NR to NR/5GC in clause 6 | Ericsson | 38.523-1 | 2837 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221225 | Update Connectivity NR to NR/5GC in clause 7 MAC | Ericsson | 38.523-1 | 2838 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221226 | Update Connectivity NR to NR/5GC in clause 7 PDCP | Ericsson | 38.523-1 | 2839 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221227 | Update Connectivity NR to NR/5GC in clause 7 RLC | Ericsson | 38.523-1 | 2840 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221228 | Update Connectivity NR to NR/5GC in clause 8.1.3 | Ericsson | 38.523-1 | 2841 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221229 | Update Connectivity NR to NR/5GC in clause 8.2.3 | Ericsson | 38.523-1 | 2842 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221230 | Update Connectivity NR to NR/5GC in clause 8.1.5 | Ericsson | 38.523-1 | 2843 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221231 | Update Connectivity NR to NR/5GC in clause 8.2.6 | Ericsson | 38.523-1 | 2844 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221232 | Update Connectivity NR to NR/5GC in clause 8.2.2 | Ericsson | 38.523-1 | 2845 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221233 | Update Connectivity NR to NR/5GC in clause 9.1.5 | Ericsson | 38.523-1 | 2846 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221234 | Update Connectivity NR to NR/5GC in clause 9.3.1 | Ericsson | 38.523-1 | 2847 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221235 | Update Connectivity NR to NR/5GC in clause 11.1 | Ericsson | 38.523-1 | 2848 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221236 | Update Connectivity NR to NR/5GC in clause 11.3 | Ericsson | 38.523-1 | 2849 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221237 | Update Connectivity NR to NR/5GC in clause 11.4 | Ericsson | 38.523-1 | 2850 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221238 | Adition of new test case 11.6.3 Data Off / SMSoIP | Ericsson | 38.523-1 | 2851 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221239 | Updates to test case 9.1.10.3 | Ericsson | 38.523-1 | 2852 | - | Rel-16 | F | TEI16\_Test, eNS-UEConTest | withdrawn |
| R5-221240 | Updates to test case 9.1.10.4 | Ericsson | 38.523-1 | 2853 | - | Rel-16 | F | TEI16\_Test, eNS-UEConTest | revised |
| R5-222012 | Updates to test case 9.1.10.4 | Ericsson | 38.523-1 | 2853 | 1 | Rel-16 | F | TEI16\_Test, eNS-UEConTest | agreed |
| R5-221258 | 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 | 2854 | - | Rel-16 | F | NR\_IioT-UEConTest | revised |
| R5-221495 | 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 | 2854 | 1 | Rel-16 | F | NR\_IioT-UEConTest | agreed |
| R5-221282 | New testcase for Idle/Inactive measurements on NR cells in RRC\_INACTIVE state with configuration through RRCRelease | Nokia, Nokia Shanghai Bell | 38.523-1 | 2855 | - | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-222005 | New testcase for Idle/Inactive measurements on NR cells in RRC\_INACTIVE state with configuration through RRCRelease | Nokia, Nokia Shanghai Bell | 38.523-1 | 2855 | 1 | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-221283 | New testcase for Idle/Inactive measurements on E-UTRA cells in RRC\_INACTIVE state with configuration through RRCRelease | Nokia, Nokia Shanghai Bell | 38.523-1 | 2856 | - | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-222006 | New testcase for Idle/Inactive measurements on E-UTRA cells in RRC\_INACTIVE state with configuration through RRCRelease | Nokia, Nokia Shanghai Bell | 38.523-1 | 2856 | 1 | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-221368 | Correction to NR RRC test case 8.1.5.2.2 | Keysight Technologies UK | 38.523-1 | 2857 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221375 | Correction to NR TCs 7.1.3.4.3 and TC 7.1.3.4.4 - PDCP DAPS HO | Huawei, Hisilicon | 38.523-1 | 2858 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-222043 | Correction to NR TCs 7.1.3.4.3 and TC 7.1.3.4.4 - PDCP DAPS HO | Huawei, Hisilicon | 38.523-1 | 2858 | 1 | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-221390 | Update of NR Immediate MDT TC 8.1.6.2.3 | MediaTek Inc. | 38.523-1 | 2859 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-221391 | Correction to NR RRC test cases 8.2.1.1.1 and 8.2.1.1.2 | Keysight Technologies UK | 38.523-1 | 2860 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221392 | Correction to the NR5GC testcases 8.1.4.1.9.1, 8.1.4.1.9.2 and 8.1.4.1.9.3 | Rohde&Schwarz | 38.523-1 | 2861 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221393 | Update of NR Immediate MDT TC 8.1.6.2.3 | MediaTek Inc. | 38.523-1 | 2862 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | withdrawn |
| R5-221394 | Correction to NR5GC testcase 8.1.5.9.1 | Rohde&Schwarz | 38.523-1 | 2863 | - | Rel-16 | F | RACS-UEConTest | revised |
| R5-221540 | Correction to NR5GC testcase 8.1.5.9.1 | Rohde&Schwarz | 38.523-1 | 2863 | 1 | Rel-16 | F | RACS-UEConTest | agreed |
| R5-221418 | Removal of test case 11.4.10 - N26 not supported - N1 to S1 transfer of an existing emergency PDU session | Huawei, Hisilicon | 38.523-1 | 2864 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221406 | Correction to NR TC 11.1.2-EPS Fallback with redirection without N26 | Huawei,Hisilicon | 38.523-1 | 2865 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220047 | Applicability statement for new test cases for PDCP Duplication 3 RLC entities in NR IIoT | CMCC | 38.523-2 | 0194 | - | Rel-16 | F | NR\_IioT-UEConTest | revised |
| R5-222034 | Applicability statement for new test cases for PDCP Duplication 3 RLC entities in NR IIoT | CMCC | 38.523-2 | 0194 | 1 | Rel-16 | F | NR\_IioT-UEConTest | agreed |
| R5-220057 | Addition of applicability for Rel-16 NR Mobility Enhancement test case | CATT, TDIA | 38.523-2 | 0195 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220108 | Applicability statement for new test cases for NE-DC RRC | CMCC | 38.523-2 | 0196 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-222038 | Applicability statement for new test cases for NE-DC RRC | CMCC | 38.523-2 | 0196 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220150 | Update test applicabilities of UAC test cases supporting IMS voice | CATT, TDIA | 38.523-2 | 0197 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220242 | Updating applicability statements of Data Off test cases | ROHDE & SCHWARZ | 38.523-2 | 0198 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220243 | Update of 5G-NR test cases applicability | Qualcomm Incorporated | 38.523-2 | 0199 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221462 | Update of 5G-NR test cases applicability | Qualcomm Incorporated | 38.523-2 | 0199 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220267 | Add applicability for test case 11.1.1a | Ericsson | 38.523-2 | 0200 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220299 | Correction to applicability of UAC test case 11.3.2 | Keysight Technologies UK | 38.523-2 | 0201 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220404 | Addition of applicability for emergency call eatablishment over EPS with disabling N1 mode | NTT DOCOMO, INC. | 38.523-2 | 0202 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221463 | Addition of applicability for emergency call eatablishment over EPS with disabling N1 mode | NTT DOCOMO, INC. | 38.523-2 | 0202 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220597 | Addition of NR V2X TC applicability | Huawei, Hisilicon | 38.523-2 | 0203 | - | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221527 | Addition of NR V2X TC applicability | Huawei, Hisilicon | 38.523-2 | 0203 | 1 | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220607 | Correction to applicability for NR MobEnh | Huawei, Hisilicon | 38.523-2 | 0204 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220668 | Correction the condition of 38.523-1 TC11.3.2 and TC11.3.8 and Test case Selection Expression of C61 | SGS Wireless | 38.523-2 | 0205 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221464 | Correction the condition of 38.523-1 TC11.3.2 and TC11.3.8 and Test case Selection Expression of C61 | SGS Wireless | 38.523-2 | 0205 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220949 | Correct of conditions for Uplink Data Transfer and Unified Access Control | Sporton, Keysight, CATT, TDIA, SGS Wireless | 38.523-2 | 0206 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221465 | Correct of conditions for Uplink Data Transfer and Unified Access Control | Sporton, Keysight, CATT, TDIA, SGS Wireless | 38.523-2 | 0206 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221040 | Applicability updates for NR EIEI test cases | Qualcomm Incorporated | 38.523-2 | 0207 | - | Rel-16 | F | NR\_EIEI-UEConTest | agreed |
| R5-221045 | Updates to titles of Inter-System MDT sensor test cases | MCC TF160 | 38.523-2 | 0208 | - | Rel-16 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-221090 | Addition of new NR URLLC MAC Test Case applicabilities | Lenovo, Motorola Mobility | 38.523-2 | 0209 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-221590 | Addition of new NR URLLC MAC Test Case applicabilities | Lenovo, Motorola Mobility | 38.523-2 | 0209 | 1 | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-221092 | Correction to NR URLLC MAC Test Case 7.1.1.4.2.6 | Lenovo, Motorola Mobility, MCC TF160 | 38.523-2 | 0210 | - | Rel-16 | F | NR\_L1enh\_URLLC-UEConTest | withdrawn |
| R5-221096 | Addition of applicability for new SNPN test cases | Lenovo, Motorola Mobility | 38.523-2 | 0211 | - | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | revised |
| R5-221535 | Addition of applicability for new SNPN test cases | Lenovo, Motorola Mobility | 38.523-2 | 0211 | 1 | Rel-16 | F | NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-221100 | Addition of applicability for new V2X test cases | Lenovo, Motorola Mobility | 38.523-2 | 0212 | - | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221528 | Addition of applicability for new V2X test cases | Lenovo, Motorola Mobility | 38.523-2 | 0212 | 1 | Rel-16 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-221102 | Applicability updates for NR RACS test cases | Qualcomm Incorporated, Keysight, Anritsu | 38.523-2 | 0213 | - | Rel-16 | F | RACS-UEConTest | revised |
| R5-221541 | Applicability updates for NR RACS test cases | Qualcomm Incorporated, Keysight, Anritsu | 38.523-2 | 0213 | 1 | Rel-16 | F | RACS-UEConTest | agreed |
| R5-221241 | Addition of applicability for new test case 11.6.3 | Ericsson | 38.523-2 | 0214 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221242 | Updates to emergency applicabilities and conditions | Ericsson | 38.523-2 | 0215 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221466 | Updates to emergency applicabilities and conditions | Ericsson | 38.523-2 | 0215 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221274 | Applicability clauses for Idle Inactive measurement test cases | Nokia, Nokia Shanghai Bell | 38.523-2 | 0216 | - | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-222002 | Applicability clauses for Idle Inactive measurement test cases | Nokia, Nokia Shanghai Bell | 38.523-2 | 0216 | 1 | Rel-16 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-220455 | 5G Rel-15: Test Models updates | MCC TF160 | 38.523-3 | 2367 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221467 | 5G Rel-15: Test Models updates | MCC TF160 | 38.523-3 | 2367 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220456 | 5G V2X: Test Model updates | MCC TF160 | 38.523-3 | 2368 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221529 | 5G V2X: Test Model updates | MCC TF160 | 38.523-3 | 2368 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220458 | Addition of NR/WLAN Inter-RAT test model | MCC TF160 | 38.523-3 | 2369 | - | Rel-17 | F | NR\_SON\_MDT-UEConTest | revised |
| R5-221403 | Addition of NR/WLAN Inter-RAT test model | MCC TF160 | 38.523-3 | 2369 | 1 | Rel-17 | F | NR\_SON\_MDT-UEConTest | agreed |
| R5-221038 | Addition of new PIXIT parameter for NR EIEI | Qualcomm Incorporated | 38.523-3 | 2371 | - | Rel-17 | F | NR\_EIEI-UEConTest | revised |
| R5-221596 | Addition of new PIXIT parameter for NR EIEI | Qualcomm Incorporated | 38.523-3 | 2371 | 1 | Rel-17 | F | NR\_EIEI-UEConTest | agreed |
| R5-220096 | Correction to Mob\_enh RRM TC 6.3.1.11 - inter-band sync DAPS HO including test tolerance | China Telecommunications | 38.533 | 1578 | - | Rel-17 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220097 | Correction to Mob\_enh RRM TC 6.3.1.12 - inter-band async DAPS HO including test tolerance | China Telecommunications | 38.533 | 1579 | - | Rel-17 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220109 | Update of SA FR1 TC 4.5.3.1 and 4.5.3.3 | MediaTek Inc. | 38.533 | 1580 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220110 | Update of SA FR1 TC 6.5.3.1 and 6.5.3.3 | MediaTek Inc. | 38.533 | 1581 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220136 | Correction to Annex F for Mob\_enh RRM TCs | China Telecommunications | 38.533 | 1582 | - | Rel-17 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220160 | Add test case 7.3.2.2.4 for SA FR2 2-step PRACH | China Telecommunications | 38.533 | 1583 | - | Rel-17 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-220167 | Updates to RRM HST Test Case 6.6.1.7 | CMCC | 38.533 | 1584 | - | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-220168 | Updates to RRM HST Test Case 6.6.4.5 | CMCC | 38.533 | 1585 | - | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-220196 | Update to table E.5-1 to add the cell configurations for one 2-step RACH test case | China Telecommunications | 38.533 | 1586 | - | Rel-17 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-220278 | Clarifications on 5G NR connectivity options for RRM | CMCC | 38.533 | 1587 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220282 | Test case update for FR1 CLI-RSSI measurement with non-DRX | Qualcomm Tech. Netherlands B.V | 38.533 | 1588 | - | Rel-17 | F | NR\_CLI-UEConTest | agreed |
| R5-220283 | Annexure update for test tolerance for FR1 CLI-RSSI measurement with non-DRX | Qualcomm Tech. Netherlands B.V | 38.533 | 1589 | - | Rel-17 | F | NR\_CLI-UEConTest | agreed |
| R5-220324 | Add test case 7.3.2.2.3 for NR SA FR2 2-step RACH | Nokia, Nokia Shanghai Bell | 38.533 | 1590 | - | Rel-17 | F | NR\_2step\_RACH-UEConTest | revised |
| R5-221893 | Add test case 7.3.2.2.3 for NR SA FR2 2-step RACH | Nokia, Nokia Shanghai Bell | 38.533 | 1590 | 1 | Rel-17 | F | NR\_2step\_RACH-UEConTest | agreed |
| R5-220688 | Correction to FR1 EN-DC RRM TCs - interruption SCC | Huawei,Hisilicon | 38.533 | 1591 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221713 | Correction to FR1 EN-DC RRM TCs - interruption SCC | Huawei,Hisilicon | 38.533 | 1591 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220689 | Correction to FR1 EN-DC RRM TCs - SCell activation | Huawei,Hisilicon | 38.533 | 1592 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220690 | Correction to FR2 EN-DC RRM TCs - RLM | Huawei,Hisilicon | 38.533 | 1593 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221715 | Correction to FR2 EN-DC RRM TCs - RLM | Huawei,Hisilicon | 38.533 | 1593 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220691 | Correction to FR2 EN-DC RRM TC 5.5.5.1 with TT | Huawei,Hisilicon | 38.533 | 1594 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221716 | Correction to FR2 EN-DC RRM TC 5.5.5.1 with TT | Huawei,Hisilicon | 38.533 | 1594 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220692 | Correction to FR2 EN-DC RRM TC 5.5.5.2 with TT | Huawei,Hisilicon | 38.533 | 1595 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221717 | Correction to FR2 EN-DC RRM TC 5.5.5.2 with TT | Huawei,Hisilicon | 38.533 | 1595 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220693 | Correction to FR2 EN-DC RRM TC 5.5.5.3 with TT | Huawei,Hisilicon | 38.533 | 1596 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221718 | Correction to FR2 EN-DC RRM TC 5.5.5.3 with TT | Huawei,Hisilicon | 38.533 | 1596 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220694 | Correction to FR2 EN-DC RRM TC 5.5.5.4 with TT | Huawei,Hisilicon | 38.533 | 1597 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221719 | Correction to FR2 EN-DC RRM TC 5.5.5.4 with TT | Huawei,Hisilicon | 38.533 | 1597 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220695 | Correction to FR2 EN-DC RRM TC 5.5.5.5 with TT | Huawei,Hisilicon | 38.533 | 1598 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221720 | Correction to FR2 EN-DC RRM TC 5.5.5.5 with TT | Huawei,Hisilicon | 38.533 | 1598 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220696 | Correction to FR2 EN-DC RRM TC 5.6.1.1 with TT | Huawei,Hisilicon | 38.533 | 1599 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221721 | Correction to FR2 EN-DC RRM TC 5.6.1.1 with TT | Huawei,Hisilicon | 38.533 | 1599 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220697 | Correction to FR2 EN-DC RRM TC 5.6.1.2 | Huawei,Hisilicon | 38.533 | 1600 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220698 | Correction to FR2 EN-DC RRM TC 5.6.1.3 with TT | Huawei,Hisilicon | 38.533 | 1601 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221722 | Correction to FR2 EN-DC RRM TC 5.6.1.3 with TT | Huawei,Hisilicon | 38.533 | 1601 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220699 | Correction to FR2 EN-DC RRM TC 5.6.1.4 | Huawei,Hisilicon | 38.533 | 1602 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220700 | Correction to FR1 NR SA RRM TCs - low priority reselection | Huawei,Hisilicon | 38.533 | 1603 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220701 | Correction to FR1 NR SA RRM TC 6.5.2.1 - interruption SCC | Huawei,Hisilicon | 38.533 | 1604 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220702 | Correction to FR1 NR SA RRM TCs - SCell activation | Huawei,Hisilicon | 38.533 | 1605 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220703 | Correction to FR2 NR SA RRM TCs - RLM | Huawei,Hisilicon | 38.533 | 1606 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-220704 | Correction to FR2 NR SA RRM TC 7.5.5.1 with TT | Huawei,Hisilicon | 38.533 | 1607 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221727 | Correction to FR2 NR SA RRM TC 7.5.5.1 with TT | Huawei,Hisilicon | 38.533 | 1607 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220705 | Correction to FR2 NR SA RRM TC 7.5.5.2 with TT | Huawei,Hisilicon | 38.533 | 1608 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221728 | Correction to FR2 NR SA RRM TC 7.5.5.2 with TT | Huawei,Hisilicon | 38.533 | 1608 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220706 | Correction to FR2 NR SA RRM TC 7.5.5.3 with TT | Huawei,Hisilicon | 38.533 | 1609 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221729 | Correction to FR2 NR SA RRM TC 7.5.5.3 with TT | Huawei,Hisilicon | 38.533 | 1609 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220707 | Correction to FR2 NR SA RRM TC 7.5.5.4 with TT | Huawei,Hisilicon | 38.533 | 1610 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221730 | Correction to FR2 NR SA RRM TC 7.5.5.4 with TT | Huawei,Hisilicon | 38.533 | 1610 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220708 | Correction to FR2 NR SA RRM TC 7.5.5.5 with TT | Huawei,Hisilicon | 38.533 | 1611 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221731 | Correction to FR2 NR SA RRM TC 7.5.5.5 with TT | Huawei,Hisilicon | 38.533 | 1611 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220709 | Correction to FR2 NR SA RRM TC 7.6.1.1 with TT | Huawei,Hisilicon | 38.533 | 1612 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221732 | Correction to FR2 NR SA RRM TC 7.6.1.1 with TT | Huawei,Hisilicon | 38.533 | 1612 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220710 | Correction to FR2 NR SA RRM TC 7.6.1.2 with TT | Huawei,Hisilicon | 38.533 | 1613 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221637 | Correction to FR2 NR SA RRM TC 7.6.1.2 with TT | Huawei,Hisilicon | 38.533 | 1613 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220711 | Correction to FR2 NR SA RRM TC 7.6.1.3 with TT | Huawei,Hisilicon | 38.533 | 1614 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221733 | Correction to FR2 NR SA RRM TC 7.6.1.3 with TT | Huawei,Hisilicon | 38.533 | 1614 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220712 | Correction to FR2 NR SA RRM TC 7.6.1.4 with TT | Huawei,Hisilicon | 38.533 | 1615 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221638 | Correction to FR2 NR SA RRM TC 7.6.1.4 with TT | Huawei,Hisilicon | 38.533 | 1615 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220713 | Correction to Annex F for FR2 SSB based BFD TCs | Huawei,Hisilicon | 38.533 | 1616 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221736 | Correction to Annex F for FR2 SSB based BFD TCs | Huawei,Hisilicon | 38.533 | 1616 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220714 | Correction to Annex F for FR2 SSB based intra-freq measurement TCs | Huawei,Hisilicon | 38.533 | 1617 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221737 | Correction to Annex F for FR2 SSB based intra-freq measurement TCs | Huawei,Hisilicon | 38.533 | 1617 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220715 | Correction to default configuration in Annex H | Huawei,Hisilicon | 38.533 | 1618 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221738 | Correction to default configuration in Annex H | Huawei,Hisilicon | 38.533 | 1618 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220719 | Correction to Mob\_enh RRM TC 7.3.1.4 with TT | Huawei,Hisilicon | 38.533 | 1619 | - | Rel-17 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-221645 | Correction to Mob\_enh RRM TC 7.3.1.4 with TT | Huawei,Hisilicon | 38.533 | 1619 | 1 | Rel-17 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220720 | Correction to Mob\_enh RRM TC 7.3.1.5 with TT | Huawei,Hisilicon | 38.533 | 1620 | - | Rel-17 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-221646 | Correction to Mob\_enh RRM TC 7.3.1.5 with TT | Huawei,Hisilicon | 38.533 | 1620 | 1 | Rel-17 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220721 | Correction to Mob\_enh RRM TC 7.3.3.1 with TT | Huawei,Hisilicon | 38.533 | 1621 | - | Rel-17 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-221812 | Correction to Mob\_enh RRM TC 7.3.3.1 with TT | Huawei,Hisilicon | 38.533 | 1621 | 1 | Rel-17 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220722 | Correction to Annex F for Mob\_enh RRM TCs | Huawei,Hisilicon | 38.533 | 1622 | - | Rel-17 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-221813 | Correction to Annex F for Mob\_enh RRM TCs | Huawei,Hisilicon | 38.533 | 1622 | 1 | Rel-17 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220726 | Addition of band group for NR SL RRM test | Huawei,Hisilicon | 38.533 | 1623 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220727 | Addition of minimum requirements for NR SL UE Tx timing TCs | Huawei,Hisilicon | 38.533 | 1624 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220728 | Addition of NR SL RRM TC 9.1.1.1 - Tx Timing GNSS | Huawei,Hisilicon | 38.533 | 1625 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220729 | Addition of NR SL RRM TC 9.1.1.2 - Tx Timing SyncRef UE | Huawei,Hisilicon | 38.533 | 1626 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220730 | Addition of NR SL RRM TC 9.1.1.3 - Tx Timing NR Cell | Huawei,Hisilicon | 38.533 | 1627 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220731 | Addition of minimum requirements for NR SL S-SSB Tx TCs | Huawei,Hisilicon | 38.533 | 1628 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220732 | Addition of NR SL RRM TC 9.1.2.1 - SLSS Tx NR Cell | Huawei,Hisilicon | 38.533 | 1629 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221821 | Addition of NR SL RRM TC 9.1.2.1 - SLSS Tx NR Cell | Huawei,Hisilicon | 38.533 | 1629 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220733 | Addition of NR SL RRM TC 9.1.2.2 - SLSS Tx SyncRef UE | Huawei,Hisilicon | 38.533 | 1630 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221822 | Addition of NR SL RRM TC 9.1.2.2 - SLSS Tx SyncRef UE | Huawei,Hisilicon | 38.533 | 1630 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220734 | Addition of minimum requirements for NR SL SyncRef reselection TCs | Huawei,Hisilicon | 38.533 | 1631 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220735 | Addition of NR SL RRM TC 9.1.3.1 - SyncRef reselection GNSS | Huawei,Hisilicon | 38.533 | 1632 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221823 | Addition of NR SL RRM TC 9.1.3.1 - SyncRef reselection GNSS | Huawei,Hisilicon | 38.533 | 1632 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220736 | Addition of NR SL RRM TC 9.1.3.2 - SyncRef reselection Cell | Huawei,Hisilicon | 38.533 | 1633 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221824 | Addition of NR SL RRM TC 9.1.3.2 - SyncRef reselection Cell | Huawei,Hisilicon | 38.533 | 1633 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220737 | Addition of minimum requirements for NR SL L1 SL-RSRP TCs | Huawei,Hisilicon | 38.533 | 1634 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220738 | Addition of NR SL RRM TC 9.1.4.1 - Resource sensing | Huawei,Hisilicon | 38.533 | 1635 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220739 | Addition of NR SL RRM TC 9.1.4.2 - Resource pre-emption | Huawei,Hisilicon | 38.533 | 1636 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221825 | Addition of NR SL RRM TC 9.1.4.2 - Resource pre-emption | Huawei,Hisilicon | 38.533 | 1636 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220740 | Addition of NR SL RRM TC 9.1.4.3 - Resource re-evaluation | Huawei,Hisilicon | 38.533 | 1637 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221826 | Addition of NR SL RRM TC 9.1.4.3 - Resource re-evaluation | Huawei,Hisilicon | 38.533 | 1637 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220741 | Addition of minimum requirements for NR SL Congestion control TCs | Huawei,Hisilicon | 38.533 | 1638 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220742 | Addition of NR SL RRM TC 9.1.5.1 - SL-RSSI con-current | Huawei,Hisilicon | 38.533 | 1639 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220743 | Addition of NR SL RRM TC 9.1.5.2 - SL-RSSI PC5 only | Huawei,Hisilicon | 38.533 | 1640 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221827 | Addition of NR SL RRM TC 9.1.5.2 - SL-RSSI PC5 only | Huawei,Hisilicon | 38.533 | 1640 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220744 | Addition of minimum requirements for NR SL interruption TCs | Huawei,Hisilicon | 38.533 | 1641 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220745 | Addition of NR SL RRM TC 9.1.6.1 - WAN interruption | Huawei,Hisilicon | 38.533 | 1642 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220746 | Addition of RMC for NR SL RRM test in Annex A | Huawei,Hisilicon | 38.533 | 1643 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221828 | Addition of RMC for NR SL RRM test in Annex A | Huawei,Hisilicon | 38.533 | 1643 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220747 | Addition of side conditions for NR SL RRM test in Annex B | Huawei,Hisilicon | 38.533 | 1644 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220748 | Correction to Annex E for NR SL RRM TCs | Huawei,Hisilicon | 38.533 | 1645 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220749 | Correction to Annex G for NR SL RRM TCs | Huawei,Hisilicon | 38.533 | 1646 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220798 | Update to 5.5.5.0 FR2 BFD minimum requirements | Huawei, HiSilicon | 38.533 | 1647 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220799 | Addition of 5.5.5.6 FR2 SCell BFD in non-DRX for NSA | Huawei, HiSilicon | 38.533 | 1648 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-221833 | Addition of 5.5.5.6 FR2 SCell BFD in non-DRX for NSA | Huawei, HiSilicon | 38.533 | 1648 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220800 | Addition of 5.5.5.7 FR2 SCell BFD in DRX for NSA | Huawei, HiSilicon | 38.533 | 1649 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-221834 | Addition of 5.5.5.7 FR2 SCell BFD in DRX for NSA | Huawei, HiSilicon | 38.533 | 1649 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220801 | Update to 7.5.5.0 FR2 BFD minimum requirements | Huawei, HiSilicon | 38.533 | 1650 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220802 | Addition of 7.5.5.6 FR2 SCell BFD in non-DRX for SA | Huawei, HiSilicon | 38.533 | 1651 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-221835 | Addition of 7.5.5.6 FR2 SCell BFD in non-DRX for SA | Huawei, HiSilicon | 38.533 | 1651 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220803 | Addition of 7.5.5.7 FR2 SCell BFD in DRX for SA | Huawei, HiSilicon | 38.533 | 1652 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-221836 | Addition of 7.5.5.7 FR2 SCell BFD in DRX for SA | Huawei, HiSilicon | 38.533 | 1652 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220804 | Update to Annex E for eMIMO test cases | Huawei, HiSilicon | 38.533 | 1653 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220805 | Update to Annex F for eMIMO test cases | Huawei, HiSilicon | 38.533 | 1654 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-221837 | Update to Annex F for eMIMO test cases | Huawei, HiSilicon | 38.533 | 1654 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220806 | Update to Annex H for eMIMO test cases | Huawei, HiSilicon | 38.533 | 1655 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-221838 | Update to Annex H for eMIMO test cases | Huawei, HiSilicon | 38.533 | 1655 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220879 | Correction to NR SA FR1 cell re-selection for UE configured with highSpeedMeasFlag-r16 | Anritsu | 38.533 | 1656 | - | Rel-17 | F | NR\_HST-UEConTest | revised |
| R5-221655 | Correction to NR SA FR1 cell re-selection for UE configured with highSpeedMeasFlag-r16 | Anritsu | 38.533 | 1656 | 1 | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-220910 | Correction to TRS Configuration of 6.3.2.1.3 | Anritsu | 38.533 | 1657 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220911 | Correction to test procedure of 6.1.1.2 | Anritsu | 38.533 | 1658 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220912 | Correction to reference of test frequency in 6.3.1.x NR only test cases | Anritsu | 38.533 | 1659 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220913 | Correction to test procedure of SFTD measurement accuracy | Anritsu | 38.533 | 1660 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221923 | Correction to test procedure of SFTD measurement accuracy | Anritsu | 38.533 | 1660 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220918 | Correction to SRS configuration condition for FR1 timing test cases | Anritsu | 38.533 | 1661 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220920 | Correction to DRX setting of 8.4.2.9 | Anritsu | 38.533 | 1662 | - | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-220921 | Correction to message exception for handover test cases | Anritsu | 38.533 | 1663 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220922 | Correction to DRX setting of 4.6.4.5 and 6.6.4.5 | Anritsu | 38.533 | 1664 | - | Rel-17 | F | NR\_HST-UEConTest | revised |
| R5-221859 | Correction to DRX setting of 4.6.4.5 and 6.6.4.5 | Anritsu | 38.533 | 1664 | 1 | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-220923 | Correction to BWP switch delay test cases | Anritsu | 38.533 | 1665 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220924 | Correction to message exception for 4.7.5.1 | Anritsu | 38.533 | 1666 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220926 | Correction to message exception for 8.4.2.x with SSB index detection | Anritsu | 38.533 | 1667 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221734 | Correction to message exception for 8.4.2.x with SSB index detection | Anritsu | 38.533 | 1667 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220927 | Correction to 6.3.2.3.1 NR SA FR1 RRC connection release with redirection | Anritsu | 38.533 | 1668 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220928 | Correction to NR-EUTRA and EUTRA-NR reselection with high speed | Anritsu | 38.533 | 1669 | - | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-220929 | Correction to message exception for 8.5.1.1 | Anritsu | 38.533 | 1670 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220930 | Correction to ssb-ResourceList for 5.3.2.2.2 | Anritsu | 38.533 | 1671 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220931 | Correction to SMTC configuration in 6.1.1.7 | Anritsu | 38.533 | 1672 | - | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-220932 | Correction to active BWP ID and TRS configuration in 6.5.6.1.1 | Anritsu | 38.533 | 1673 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221925 | Correction to active BWP ID and TRS configuration in 6.5.6.1.1 | Anritsu | 38.533 | 1673 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220933 | Correction to T HARQ setting for 6.5.3.1 | Anritsu | 38.533 | 1674 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220934 | Correction to CSI-RS offset for 6.5.3.1 | Anritsu | 38.533 | 1675 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221926 | Correction to CSI-RS offset for 6.5.3.1 | Anritsu | 38.533 | 1675 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220935 | Correction to CSI report offset for 6.5.3.1 | Anritsu | 38.533 | 1676 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221927 | Correction to CSI report offset for 6.5.3.1 | Anritsu | 38.533 | 1676 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220937 | Correction to BWP configuration for 4.5.6.1.2 | Anritsu | 38.533 | 1677 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221924 | Correction to BWP configuration for 4.5.6.1.2 | Anritsu | 38.533 | 1677 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220938 | Correction to DRX setting of 6.6.1.7 | Anritsu | 38.533 | 1678 | - | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-220939 | Correction to message exception of 4.6.1.7 | Anritsu | 38.533 | 1679 | - | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-220940 | Correction to test procedure for 8.2.1.2 | Anritsu | 38.533 | 1680 | - | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-220941 | Correction to SIB1 message exceptions of 4.6.1.7 and 4.6.4.5 | Anritsu | 38.533 | 1681 | - | Rel-17 | F | NR\_HST-UEConTest | agreed |
| R5-220942 | Addition of new test case 7.7.6.1 NR SA FR2 CSI-RS based CMR and no dedicated IMR configured and CSI-RS resource set with repetition off L1-SINR measurement accuracy | Sporton | 38.533 | 1682 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220943 | Addition of new test case 7.7.6.2 NR SA FR2 SSB based CMR and dedicated IMR L1-SINR measurement accuracy | Sporton | 38.533 | 1683 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220944 | Addition of new test case 7.7.6.3 NR SA FR2 CSI-RS based CMR and dedicated IMR L1-SINR measurement accuracy | Sporton | 38.533 | 1684 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220945 | Completion 4.5.5.5 including TT anaysis results | Sporton | 38.533 | 1685 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-221650 | Completion 4.5.5.5 including TT anaysis results | Sporton | 38.533 | 1685 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220946 | Completion 4.5.5.6 including TT anaysis results | Sporton | 38.533 | 1686 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-221651 | Completion 4.5.5.6 including TT anaysis results | Sporton | 38.533 | 1686 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220947 | Addition of cell configuration MU and TT for Enhancement on MIMO | Sporton | 38.533 | 1687 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-221652 | Addition of cell configuration MU and TT for Enhancement on MIMO | Sporton | 38.533 | 1687 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220986 | Update of 4.6.7.1 EN-DC FR1 CSI-RS based CMR and no dedicated IMR L1-SINR measurement in non-DRX | Huawei, HiSilicon | 38.533 | 1688 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220987 | Update of 4.6.7.2 EN-DC FR1 SSB based CMR and dedicated IMR L1-SINR measurement in DRX | Huawei, HiSilicon | 38.533 | 1689 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-221653 | Update of 4.6.7.2 EN-DC FR1 SSB based CMR and dedicated IMR L1-SINR measurement in DRX | Huawei, HiSilicon | 38.533 | 1689 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220988 | Update of 4.6.7.3 EN-DC FR1 CSI-RS based CMR and dedicated IMR L1-SINR measurement in DRX | Huawei, HiSilicon | 38.533 | 1690 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220989 | Update of 6.6.8.1 NR SA FR1 CSI-RS based CMR and no dedicated IMR L1-SINR measurement in DRX | Huawei, HiSilicon | 38.533 | 1691 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220990 | Update of 6.6.8.2 NR SA FR1 SSB based CMR and dedicated IMR L1-SINR measurement in non-DRX | Huawei, HiSilicon | 38.533 | 1692 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-221654 | Update of 6.6.8.2 NR SA FR1 SSB based CMR and dedicated IMR L1-SINR measurement in non-DRX | Huawei, HiSilicon | 38.533 | 1692 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220991 | Update of 6.6.8.3 NR SA FR1 CSI-RS based CMR and dedicated IMR L1-SINR measurement in non-DRX | Huawei, HiSilicon | 38.533 | 1693 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220992 | Update of Annex for EN-DC FR1 L1-SINR measurement test cases | Huawei, HiSilicon | 38.533 | 1694 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220993 | Update of Annex for NR SA FR1 L1-SINR measurement test cases | Huawei, HiSilicon | 38.533 | 1695 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-221001 | Correction to Annex H.3.6A RRC messages for L1-SINR measurement | Huawei, HiSilicon | 38.533 | 1696 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-221002 | Update of RRM Test Cases for UE Enhancements on MIMO | Sporton | 38.533 | 1697 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-221839 | Update of RRM Test Cases for UE Enhancements on MIMO | Sporton | 38.533 | 1697 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-221008 | Editorial corrections for EditHelp comments s1 to s3 | ROHDE & SCHWARZ | 38.533 | 1698 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221009 | Editorial corrections for EditHelp comments s4 | ROHDE & SCHWARZ | 38.533 | 1699 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221010 | Editorial corrections to revert headers to h6 for s4 | ROHDE & SCHWARZ | 38.533 | 1700 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221011 | Editorial corrections for EditHelp comments s5 | ROHDE & SCHWARZ | 38.533 | 1701 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221012 | Editorial corrections to revert headers to h6 for s5 | ROHDE & SCHWARZ | 38.533 | 1702 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221013 | Editorial corrections for EditHelp comments s6.1 to s6.3 | ROHDE & SCHWARZ | 38.533 | 1703 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221014 | Editorial corrections for EditHelp comments s6.4 to s6.5 | ROHDE & SCHWARZ | 38.533 | 1704 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221015 | Editorial corrections for EditHelp comments s7 | ROHDE & SCHWARZ | 38.533 | 1705 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221016 | Editorial corrections for EditHelp comments s8 | ROHDE & SCHWARZ | 38.533 | 1706 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221017 | Editorial corrections to revert headers to h6 for s8 | ROHDE & SCHWARZ | 38.533 | 1707 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221018 | Editorial corrections for EditHelp comments Annexes | ROHDE & SCHWARZ | 38.533 | 1708 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221019 | New section for NE-DC RRM test cases | ROHDE & SCHWARZ | 38.533 | 1709 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221020 | Minimum requirements for EN-DC FR1 L1-RSRP test cases | ROHDE & SCHWARZ | 38.533 | 1710 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221021 | Minimum requirements for EN-DC FR2 L1-RSRP test cases | ROHDE & SCHWARZ | 38.533 | 1711 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221022 | New test case 5.7.4.1 | ROHDE & SCHWARZ | 38.533 | 1712 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221723 | New test case 5.7.4.1 | ROHDE & SCHWARZ | 38.533 | 1712 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221023 | New test case 5.7.4.2 | ROHDE & SCHWARZ | 38.533 | 1713 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221724 | New test case 5.7.4.2 | ROHDE & SCHWARZ | 38.533 | 1713 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221024 | Correct message contents reference iRAT | ROHDE & SCHWARZ | 38.533 | 1714 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221025 | Add auxiliary band for n39 | ROHDE & SCHWARZ | 38.533 | 1715 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221026 | Corrections to 5.7.x.x | ROHDE & SCHWARZ | 38.533 | 1716 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221027 | Corrections to 8.4.2.4 | ROHDE & SCHWARZ | 38.533 | 1717 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221028 | Corrections to 8.2.1.1 | ROHDE & SCHWARZ | 38.533 | 1718 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221029 | Corrections to 8.5.2.2.1 | ROHDE & SCHWARZ | 38.533 | 1719 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221030 | Corrections to 6.7.x.x | ROHDE & SCHWARZ | 38.533 | 1720 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221726 | Corrections to 6.7.x.x | ROHDE & SCHWARZ | 38.533 | 1720 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221031 | Correction reportAmount for B2 report | ROHDE & SCHWARZ | 38.533 | 1721 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221032 | Updates to CSI-ReportConfig for FR2 | ROHDE & SCHWARZ | 38.533 | 1722 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221739 | Updates to CSI-ReportConfig for FR2 | ROHDE & SCHWARZ | 38.533 | 1722 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221033 | Corrections to message contents for 8.4.2.3 and 8.4.2.4 | ROHDE & SCHWARZ | 38.533 | 1723 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221034 | Update report config for iRAT test cases | ROHDE & SCHWARZ | 38.533 | 1724 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221740 | Update report config for iRAT test cases | ROHDE & SCHWARZ | 38.533 | 1724 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221158 | Update to RRM test case with CDRX | Qualcomm CDMA Technologies | 38.533 | 1725 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221725 | Update to RRM test case with CDRX | Qualcomm CDMA Technologies | 38.533 | 1725 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221161 | Test procedure update to L2NR Cell reselection test case | Qualcomm CDMA Technologies | 38.533 | 1726 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221735 | Test procedure update to L2NR Cell reselection test case | Qualcomm CDMA Technologies | 38.533 | 1726 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221162 | Update to FR1 SA Scell activation and deactivation test case | Qualcomm CDMA Technologies | 38.533 | 1727 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221928 | Update to FR1 SA Scell activation and deactivation test case | Qualcomm CDMA Technologies | 38.533 | 1727 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221187 | Correct message content for RLM-SSB Based FR2 5.5.1.1 | ROHDE & SCHWARZ | 38.533 | 1728 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221188 | Correct message content for RLM-SSB Based FR2 5.5.1.2 | ROHDE & SCHWARZ | 38.533 | 1729 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221189 | Correct message content for RLM-SSB Based FR2 5.5.1.3 | ROHDE & SCHWARZ | 38.533 | 1730 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221190 | Correct message content for RLM-SSB Based FR2 5.5.1.4 | ROHDE & SCHWARZ | 38.533 | 1731 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221191 | Correct message content for FR2 interruption | ROHDE & SCHWARZ | 38.533 | 1732 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221254 | Update 4.5.7.1 test procedure | Keysight Technologies UK Ltd | 38.533 | 1733 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221256 | Update number of HARQ processes for FDD | Keysight Technologies UK Ltd | 38.533 | 1734 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221257 | Update on number of measurement reports in 6.3.1.4 | Keysight Technologies UK Ltd | 38.533 | 1735 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221289 | Correction of RRM re-establishment test case 7.3.2.1.1 including Test Tolerance | Ericsson | 38.533 | 1736 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221290 | Correction of RRM re-establishment test case 7.3.2.1.2 including Test Tolerance | Ericsson | 38.533 | 1737 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221291 | Test Tolerance addition in Annex F for RRM FR2 re-establishment test cases | Ericsson | 38.533 | 1738 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221297 | Addition of Minimum conformance requirements for DL interruptions at switching between two uplink carriers | Ericsson | 38.533 | 1739 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221298 | Addition of UL switching test case 6.5.7.1 | Ericsson | 38.533 | 1740 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221299 | Addition of UL switching test case 6.5.7.2 | Ericsson | 38.533 | 1741 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | revised |
| R5-221798 | Addition of UL switching test case 6.5.7.2 | Ericsson | 38.533 | 1741 | 1 | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221300 | Cell configuration mapping for UL switching test cases | Ericsson | 38.533 | 1742 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221301 | Addition of Idle mode CA/DC measurement test case 6.6.9.1 | Ericsson | 38.533 | 1743 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-221302 | Addition of Idle Mode measurements of inter-RAT CA candidate cells for early reporting test case 6.6.15.1 | Ericsson | 38.533 | 1744 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-221303 | Correction of clause 3 | Ericsson | 38.533 | 1745 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221741 | Correction of clause 3 | Ericsson | 38.533 | 1745 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221366 | Introduce Test case for LTE PSCell addition and release in NE-DC | Apple Portugal | 38.533 | 1746 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221714 | Introduce Test case for LTE PSCell addition and release in NE-DC | Apple Portugal | 38.533 | 1746 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221367 | Addition of NR SA CGI test for inter-RAT E-UTRA cell using autonomous gaps | Apple Portugal | 38.533 | 1747 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-221370 | Update to PDSCH reference measurement channels for RRM test cases with DRX config | Qualcomm CDMA Technologies | 38.533 | 1748 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221601 | Correction to test frequencies for intra-band contiguous CA | Huawei,Hisilicon | 38.533 | 1749 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221742 | Correction to test frequencies for intra-band contiguous CA | Huawei,Hisilicon | 38.533 | 1749 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220151 | TT analysis for Mob\_enh RRM TC 6.3.1.9+6.3.1.10 | China Telecommunications,huawei | 38.903 | 0281 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-221647 | TT analysis for Mob\_enh RRM TC 6.3.1.9+6.3.1.10 | China Telecommunications,huawei | 38.903 | 0281 | 1 | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220152 | TT analysis for Mob\_enh RRM TC 6.3.1.11+6.3.1.12 | China Telecommunications,Huawei | 38.903 | 0282 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | withdrawn |
| R5-220153 | TT analysis for Mob\_enh RRM TC 6.3.1.11+6.3.1.12 | China Telecommunications,Huawei | 38.903 | 0283 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | withdrawn |
| R5-220154 | TT analysis for Mob\_enh RRM TC 6.3.1.11+6.3.1.12 | China Telecommunications,Huawei | 38.903 | 0284 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-221648 | TT analysis for Mob\_enh RRM TC 6.3.1.11+6.3.1.12 | China Telecommunications,Huawei | 38.903 | 0284 | 1 | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220281 | Test Tolerance analysis for FR1 CLI-RSSI measurement with non-DRX | Qualcomm Tech. Netherlands B.V | 38.903 | 0285 | - | Rel-16 | F | NR\_CLI-UEConTest | agreed |
| R5-220356 | FR2 EVM MU definition in 38.903 | Keysight Technologies UK Ltd | 38.903 | 0286 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221743 | FR2 EVM MU definition in 38.903 | Keysight Technologies UK Ltd | 38.903 | 0286 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220716 | TT analysis for FR2 SSB based BFD TCs | Huawei,Hisilicon | 38.903 | 0287 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221744 | TT analysis for FR2 SSB based BFD TCs | Huawei,Hisilicon | 38.903 | 0287 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220717 | TT analysis for FR2 SSB intra-freq measurement without DRX TCs | Huawei,Hisilicon | 38.903 | 0288 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221745 | TT analysis for FR2 SSB intra-freq measurement without DRX TCs | Huawei,Hisilicon | 38.903 | 0288 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220718 | TT analysis for FR2 SSB intra-freq measurement with DRX TCs | Huawei,Hisilicon | 38.903 | 0289 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220723 | TT analysis for Mob\_enh RRM TCs 7.3.1.4 and 7.3.1.5 | Huawei,Hisilicon | 38.903 | 0290 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-221649 | TT analysis for Mob\_enh RRM TCs 7.3.1.4 and 7.3.1.5 | Huawei,Hisilicon | 38.903 | 0290 | 1 | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220724 | TT analysis for Mob\_enh RRM TCs 7.3.3.1 | Huawei,Hisilicon | 38.903 | 0291 | - | Rel-16 | F | NR\_Mob\_enh-UEConTest | revised |
| R5-221814 | TT analysis for Mob\_enh RRM TCs 7.3.3.1 | Huawei,Hisilicon | 38.903 | 0291 | 1 | Rel-16 | F | NR\_Mob\_enh-UEConTest | agreed |
| R5-220782 | Addition of summary table for MU factors | Huawei, HiSilicon | 38.903 | 0292 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221746 | Addition of summary table for MU factors | Huawei, HiSilicon | 38.903 | 0292 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220807 | Addition of TT analysis for FR2 BFR test cases | Huawei, HiSilicon | 38.903 | 0293 | - | Rel-16 | F | NR\_eMIMO-UEConTest | revised |
| R5-221840 | Addition of TT analysis for FR2 BFR test cases | Huawei, HiSilicon | 38.903 | 0293 | 1 | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220880 | Add Test Tolerance analyses for NR SA FR1 cell re-selection for UE configured with highSpeedMeasFlag-r16 Test cases | Anritsu | 38.903 | 0294 | - | Rel-16 | F | NR\_HST-UEConTest | revised |
| R5-221656 | Add Test Tolerance analyses for NR SA FR1 cell re-selection for UE configured with highSpeedMeasFlag-r16 Test cases | Anritsu | 38.903 | 0294 | 1 | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-220994 | Addition of test tolerance analysis for 4.6.7.1 and 6.6.8.1 EN-DC and NR SA CSI-RS based L1-SINR measurement | Huawei, HiSilicon | 38.903 | 0295 | - | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220995 | Addition of test tolerance analysis for 4.6.7.2 EN-DC SSB based L1-SINR measurement | Huawei, HiSilicon | 38.903 | 0296 | - | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220996 | Addition of test tolerance analysis for 4.6.7.3 EN-DC CSI-RS based L1-SINR measurement | Huawei, HiSilicon | 38.903 | 0297 | - | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220997 | Addition of test tolerance analysis for 6.6.8.2 NR SA SSB based L1-SINR measurement | Huawei, HiSilicon | 38.903 | 0298 | - | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220998 | Addition of test tolerance analysis for 6.6.8.3 NR SA CSI-RS based L1-SINR measurement | Huawei, HiSilicon | 38.903 | 0299 | - | Rel-16 | F | NR\_eMIMO-UEConTest | agreed |
| R5-221159 | Update of predicted SNR upper bound for noise free SDR scenarios | Qualcomm CDMA Technologies | 38.903 | 0300 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221747 | Update of predicted SNR upper bound for noise free SDR scenarios | Qualcomm CDMA Technologies | 38.903 | 0300 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221277 | 38.903 Beam correspondence Measurement Uncertainties | Keysight technologies UK Ltd | 38.903 | 0301 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221629 | 38.903 Beam correspondence Measurement Uncertainties | Keysight technologies UK Ltd | 38.903 | 0301 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221286 | Test Tolerance analysis for E-UTRA - NR FR1 Cell reselection tests for HST | Ericsson | 38.903 | 0302 | - | Rel-16 | F | NR\_HST-UEConTest | agreed |
| R5-221287 | Test Tolerance analysis for inter-frequency RRC re-establishment test case | Ericsson | 38.903 | 0303 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221288 | Test Tolerance analysis for inter-frequency RRC re-establishment test case | Ericsson | 38.903 | 0304 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221644 | Test Tolerance analysis for inter-frequency RRC re-establishment test case | Ericsson | 38.903 | 0304 | 1 | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221304 | Correction of clause 3 | Ericsson | 38.903 | 0305 | - | Rel-16 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220317 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_8A\_n20A | Nokia, Nokia Shanghai Bell | 38.905 | 0533 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221774 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_8A\_n20A | Nokia, Nokia Shanghai Bell | 38.905 | 0533 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220318 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_20A\_n7A | Nokia, Nokia Shanghai Bell | 38.905 | 0534 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221775 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_20A\_n7A | Nokia, Nokia Shanghai Bell | 38.905 | 0534 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220319 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_28A\_n5A | Nokia, Nokia Shanghai Bell | 38.905 | 0535 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221776 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_28A\_n5A | Nokia, Nokia Shanghai Bell | 38.905 | 0535 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220320 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_40A\_n79A | Nokia, Nokia Shanghai Bell | 38.905 | 0536 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221777 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_40A\_n79A | Nokia, Nokia Shanghai Bell | 38.905 | 0536 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220321 | Adding Reference sensitivity Test point analysis for Rel-16 inter-band EN-DC FR1 two band combinations | Nokia, Nokia Shanghai Bell | 38.905 | 0537 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220357 | Introduction of reference sensitivity test point analysis for CA\_n5A-n7 | Ericsson | 38.905 | 0538 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | withdrawn |
| R5-220358 | Introduction of reference sensitivity test point analysis for CA\_n5A-n78A | Ericsson | 38.905 | 0539 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221621 | Introduction of reference sensitivity test point analysis for CA\_n5A-n78A | Ericsson | 38.905 | 0539 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | withdrawn |
| R5-220359 | Introduction of reference sensitivity test point analysis for CA\_n7A-n78A | Ericsson | 38.905 | 0540 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | withdrawn |
| R5-220363 | Update TP analysis for Rel-17 DC\_2A\_n77A | Verizon Switzerland AG, Qualcomm, Ericsson | 38.905 | 0541 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220364 | Update TP analysis for Rel-17 DC\_5A\_n77A | Verizon Switzerland AG, Qualcomm, Ericsson | 38.905 | 0542 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220365 | Update TP analysis for Rel-17 DC\_13A\_n77A | Verizon Switzerland AG, Qualcomm, Ericsson | 38.905 | 0543 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220366 | Update TP analysis for Rel-17 DC\_66A\_n77A | Verizon Switzerland AG, Qualcomm, Ericsson | 38.905 | 0544 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-220377 | Introduction of reference sensitivity test point analysis for DC\_1A-n7A | Ericsson | 38.905 | 0545 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220378 | Introduction of reference sensitivity test point analysis for DC\_28A\_n7A | Ericsson | 38.905 | 0546 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220379 | Introduction of reference sensitivity test point analysis for DC\_1A\_n5A | Ericsson | 38.905 | 0547 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220381 | Introduction of reference sensitivity test point analysis for DC\_3A\_n5A | Ericsson | 38.905 | 0548 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220383 | Introduction of reference sensitivity test point analysis for DC\_7A-n5A | Ericsson | 38.905 | 0549 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220385 | Introduction of reference sensitivity test point analysis for DC\_7A\_n28A | Ericsson | 38.905 | 0550 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220386 | Introduction of reference sensitivity test point analysis for DC\_7A\_n78A | Ericsson | 38.905 | 0551 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221778 | Introduction of reference sensitivity test point analysis for DC\_7A\_n78A | Ericsson | 38.905 | 0551 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220388 | Introduction of reference sensitivity test point analysis for DC\_7A\_n5A-n78A | Ericsson | 38.905 | 0552 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220389 | Introduction of reference sensitivity test point analysis for DC\_28A\_n7A-n78A | Ericsson | 38.905 | 0553 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220645 | Addition of TP analysis for test case 6.5D.2\_1.4 in 38.905 | Ericsson | 38.905 | 0554 | - | Rel-17 | F | NR\_eMIMO-UEConTest | withdrawn |
| R5-220755 | Addition of Test Point analysis for FR1 Spurious emission for UE co-existence for DC\_19\_n1 | NTT DOCOMO INC. | 38.905 | 0555 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221748 | Addition of Test Point analysis for FR1 Spurious emission for UE co-existence for DC\_19\_n1 | NTT DOCOMO INC. | 38.905 | 0555 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220756 | Addition of Test Point analysis for FR1 Spurious emission for UE co-existence for DC\_21\_n1 | NTT DOCOMO INC. | 38.905 | 0556 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221749 | Addition of Test Point analysis for FR1 Spurious emission for UE co-existence for DC\_21\_n1 | NTT DOCOMO INC. | 38.905 | 0556 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-220786 | TP analysis for 6.2E.2.2 MPR for concurrent opration | Huawei, HiSilicon | 38.905 | 0557 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | revised |
| R5-221829 | TP analysis for 6.2E.2.2 MPR for concurrent opration | Huawei, HiSilicon | 38.905 | 0557 | 1 | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-220794 | TP analysis for 6.2D.1 for ULFPTx | Huawei, HiSilicon | 38.905 | 0558 | - | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220795 | TP analysis for 6.2D.2 for ULFPTx | Huawei, HiSilicon | 38.905 | 0559 | - | Rel-17 | F | NR\_eMIMO-UEConTest | revised |
| R5-221841 | TP analysis for 6.2D.2 for ULFPTx | Huawei, HiSilicon | 38.905 | 0559 | 1 | Rel-17 | F | NR\_eMIMO-UEConTest | agreed |
| R5-220954 | Test point analysis for reference sensitivity for several CA combinations | WE Certification Oy, DISH Network | 38.905 | 0560 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | withdrawn |
| R5-220982 | Update of test point analysis for Adjacent Channel Selectivity for EN-DC within FR1 | Huawei, Hisilicon | 38.905 | 0561 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221115 | Updating TP analysis for FR1 AMPR for CA\_n41A-n79A testing | Huawei, Hisilicon | 38.905 | 0562 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221123 | Updating TP analysis for FR1 MPR for intra-band CA test case | Huawei, Hisilicon | 38.905 | 0563 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221125 | Updating TP analysis for FR1 Absolute power tolerance CA test case | Huawei, Hisilicon | 38.905 | 0564 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221127 | Updating TP analysis for FR1 ACLR for intra-band CA test case | Huawei, Hisilicon | 38.905 | 0565 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221129 | Updating TP analysis for FR1 SEM for intra-band CA test case | Huawei, Hisilicon | 38.905 | 0566 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-221179 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_1A\_n5A | Ericsson | 38.905 | 0567 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221779 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_1A\_n5A | Ericsson | 38.905 | 0567 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221180 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_1A\_n7A | Ericsson | 38.905 | 0568 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221780 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_1A\_n7A | Ericsson | 38.905 | 0568 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221181 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_3A\_n5A | Ericsson | 38.905 | 0569 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221781 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_3A\_n5A | Ericsson | 38.905 | 0569 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221182 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_7A\_n5A | Ericsson | 38.905 | 0570 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221782 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_7A\_n5A | Ericsson | 38.905 | 0570 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221183 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_28A\_n7A | Ericsson, Qualcomm | 38.905 | 0571 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-221783 | Introduction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_28A\_n7A | Ericsson, Qualcomm | 38.905 | 0571 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221193 | Update of test points analysis per CA configuration Table | China Unicom | 38.905 | 0572 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | withdrawn |
| R5-221313 | TP analysis for ref sensitivity for DC\_2A\_n78A | Qualcomm Korea | 38.905 | 0573 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221314 | Update\_TP\_analysis for EVM | Qualcomm Korea, ROHDE & SCHWARZ | 38.905 | 0574 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221750 | Update\_TP\_analysis for EVM | Qualcomm Korea, ROHDE & SCHWARZ | 38.905 | 0574 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221320 | TP analysis for ref sensitivity for 4 Rel-17 ENDC combos | Verizon Switzerland AG, Qualcomm, Ericsson | 38.905 | 0575 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-221324 | Test Point analysis for FR2 Tx spur emission UL MIMO tests | Qualcomm Finland RFFE Oy | 38.905 | 0576 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221751 | Test Point analysis for FR2 Tx spur emission UL MIMO tests | Qualcomm Finland RFFE Oy | 38.905 | 0576 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221327 | TP analysis for ref sensitivity for DC\_2A\_n66A | Qualcomm Korea | 38.905 | 0577 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221344 | Addition of reference sensitivity checklist for CA reference sensitivity test point analysis | Ericsson | 38.905 | 0578 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221752 | Addition of reference sensitivity checklist for CA reference sensitivity test point analysis | Ericsson | 38.905 | 0578 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221345 | Modification of test point analysis clause for FR1 NR CA | Ericsson, WE Certification Oy, DISH Network, China Unicom | 38.905 | 0579 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | revised |
| R5-221753 | Modification of test point analysis clause for FR1 NR CA | Ericsson, WE Certification Oy, DISH Network, China Unicom | 38.905 | 0579 | 1 | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221602 | Correction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_8A\_n3A | Nokia, Nokia Shanghai Bell | 38.905 | 0580 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221603 | Correction of spurious emission TP analysis for Rel-16 EN-DC configuration DC\_20A\_n3A | Nokia, Nokia Shanghai Bell | 38.905 | 0581 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221634 | Update of spurious emission TP analysis for DC\_26A\_n41A | Anritsu | 38.905 | 0582 | - | Rel-17 | F | 5GS\_NR\_LTE-UEConTest | agreed |
| R5-221631 | Update of spurious emission TP analysis for DC\_3A\_n41A | Anritsu | 38.905 | 0583 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221632 | Update of spurious emission TP analysis for DC\_8A\_n41A | Anritsu | 38.905 | 0584 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221633 | Update of spurious emission TP analysis for DC\_25A\_n41A | Anritsu | 38.905 | 0585 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221635 | Update of spurious emission TP analysis for DC\_39A\_n41A | Anritsu | 38.905 | 0586 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-221636 | Update of spurious emission TP analysis for DC\_40A\_n41A | Anritsu | 38.905 | 0587 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-220132 | Update of date for MM NITZ TC 26.7.6.1.1 | MediaTek Inc. | 51.010-1 | 5164 | - | Rel-13 | F | TEI\_Test | revised |
| R5-222022 | Update of date for MM NITZ TC 26.7.6.1.1 | MediaTek Inc. | 51.010-1 | 5164 | 1 | Rel-13 | F | TEI\_Test | agreed |
| R5-220133 | Update of date for GMM NITZ TC 44.2.9.1.1 and 44.2.9.1.3 | MediaTek Inc. | 51.010-1 | 5165 | - | Rel-13 | F | TEI\_Test | revised |
| R5-222023 | Update of date for GMM NITZ TC 44.2.9.1.1 and 44.2.9.1.3 | MediaTek Inc. | 51.010-1 | 5165 | 1 | Rel-13 | F | TEI\_Test | agreed |
| R5-220134 | Update of GMM TC 44.2.5.2.5 | MediaTek Inc. | 51.010-1 | 5166 | - | Rel-13 | F | TEI12\_Test | revised |
| R5-222024 | Update of GMM TC 44.2.5.2.5 | MediaTek Inc. | 51.010-1 | 5166 | 1 | Rel-13 | F | TEI12\_Test | agreed |
| R5-220135 | Update of the release for GEA1 test cases | MediaTek Inc. | 51.010-2 | 4407 | - | Rel-13 | F | TEI11\_Test | agreed |
| R5-220428 | Update to mandate non support of GEA2 from Rel-16 | Bureau Veritas | 51.010-2 | 4408 | - | Rel-13 | F | TEI11\_Test | withdrawn |
| R5-221411 | Update to GEA2 Encryption applicability | Bureau Veritas | 51.010-2 | 4409 | - | Rel-13 | F | TEI11\_Test | revised |
| R5-222025 | Update to GEA2 Encryption applicability | Bureau Veritas | 51.010-2 | 4409 | 1 | Rel-13 | F | TEI11\_Test | agreed |

## Annex C: Lists of liaisons

### C1: Incoming liaison statements

6 incoming LSs at RAN5#94-e

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1. Document | 1. Original | 1. Title | 1. From | 1. Decision | 1. Reply TDoc |
| R5-220014 | C1-217256 | Reply LS on Emergency call after Authentication Failure | TSG WG CT1 | noted | (none) |
| R5-220015 | S-21-245r2\_LS to 3GPP SA3 on nonsupport of GEA1 | Non-Support of Ciphering Algorithm GEA1 | GCF SG | noted | (none) |
| R5-220016 | S2-2109255 | Defining test cases for E2E verification of Edge Application Server Discovery | TSG WG SA2 | noted | (none) |
| R5-220017 | SP-211621 | LS on Energy Efficiency as guiding principle for new solutions | TSG SA | noted | (none) |
| R5-220018 | R2-2201924 | Response LS on duplicated measurements for SCell | TSG WG RAN2 | noted | (none) |
| R5-220019 | S5-221501 | Reply LS on energy efficiency as guiding principle for new solutions | TSG WG SA5 | noted | (none) |

### C2: Outgoing liaison statements

3 outgoing LSs at RAN5#94-e, 1 email approved, 2 for email approval

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. Document | 1. Title | 1. To | 1. Cc | 1. status |
| R5-221414 | Critical prose CRs list for protocol test cases at RAN5#94-e | GCF CAG, PTCRB PVG | - | for email approval |
| R5-221604 | LS on lower humidity limit in normal temperature test environment | TSG WG RAN4 | - | approved |
| R5-221613 | LS on Additional RF requirements for NS\_03U, NS\_05U and NS\_43U | TSG WG RAN4 | - | approved |
| R5-221617 | LS on SCell Dropping in FR2 RF UL-CA tests | TSG WG RAN4 | - | email approved |
| R5-222032 | 3GPP RAN5 work on Overall UE Certification for 3GPP Rel-16 SNPN and other verticals UE | GCF, PTCRB | - | for email approval |
| R5-222035 | LS on V2X PC5 link for unicast communication with null security algorithm | TSG WG RAN2, TSG WG CT1, TSG WG SA3 | - | approved |

## Annex D: List of agreed/approved new and revised Work Items

7 new WIDs were endorsed at RAN5#94-e, 5 revised WIDs

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Title | Source | status |
| * R5-220263 | * Revised WID - UE Conformance Test Aspects - 29 dBm UE Power Class for LTE Band 41and NR Band n41 | * R5-220263 | * endorsed |
| * R5-220623 | * Revised WID on UE conformance test aspects for 5G V2X with NR sidelink | * R5-220623 | * endorsed |
| * R5-220624 | * Revised WID on UE conformance test aspects for NR mobility enhancements | * R5-220624 | * endorsed |
| * R5-221136 | * Revised WID on UE Conformance - Additional NR bands for UL-MIMO in Rel-17 | * R5-221136 | * endorsed |
| * R5-221379 | * New WID on UE Conformance - Enhancement of data collection for SON and MDT in NR SA and MR-DC | * R5-221379 | * endorsed |
| * R5-221380 | * New WID - UE Conformance - Enhancement of Network Slicing Phase 2 | * R5-221380 | * endorsed |
| * R5-221381 | * New WID on UE Conformance – Support of reduced capability NR devices | * R5-221381 | * endorsed |
| * R5-221382 | * New WID on UE Conformance - LTE/NR Multi-SIM devices | * R5-221382 | * endorsed |
| * R5-221383 | * New WID on UE Conformance - NR coverage enhancements | * R5-221383 | * endorsed |
| * R5-221384 | * New WID on UE Conformance - NR Multicast and Broadcast Services including CT and SA aspects | * R5-221384 | * endorsed |
| * R5-221385 | * New WID on UE Conformance - Introduction of FR2 FWA UE with maximum TRP of 23dBm for band n257 and n258 | * R5-221385 | * endorsed |
| * R5-222033 | * Revised WID on UE Conformance Test Aspects – LTE-NR & NR-NR Dual Connectivity and NR CA enhancements | * R5-222033 | * endorsed |

## Annex E: List of draft Technical Specifications and Reports

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Spec | vers | Doc title |
| R5-220660 | 38.918 | 0.4.0 | draft TR 38.918 v0.4.0 |

## Annex F: List of action items

## SIG:

## Action Points at RAN5#94-e

| 1. Action ID | 1. sWG | 1. Action | 1. Responsible | 1. Relevant Tdoc | 1. Deadline | 1. Status |
| --- | --- | --- | --- | --- | --- | --- |
| AP#94.01 | SIG | Review and update TS 38.523-1 11.4 test cases | MediaTek, TF160, Huawei/Hisilicon, R&S, Qualcomm | R5-220112 | RAN5#95 | Pending |
| AP#94.02 | SIG | Resolve the issue identified within TS 38.508-1 Table 4.6.3-132 (RadioBearerConfig) for sdap-Config with condition DRBn | TF160 | R5-220652r2 | RAN5#95 | Pending |

## Action Points at RAN5#93-e

| 1. Action ID | 1. sWG | 1. Action | 1. Responsible | 1. Relevant Tdoc | 1. Deadline | 1. Status |
| --- | --- | --- | --- | --- | --- | --- |
| AP#93.01 | SIG | Define the cell configuration to overcome the limitation due to lack of FR1/E-UTRA/UTRA calibration in an OTA environment involving FR1/FR2/E-UTRA/UTRA cells in impacted test cases (marked as FFS) | R&S, Keysight, Anrtisu, TF160 |  | RAN5#95 | Pending  R5-220856 |
| AP#93.02 | SIG | Check all NR-DC and NR CA Inter-band test cases to align the terminology being used for OTA environment | R&S | R5-217108 | RAN5#94 | Closed  R5-220391  R5-220392  R5-220393  R5-220394  R5-220395  R5-220396  R5-220397  R5-220398 |
| AP#93.03 | SIG | Review test cases impacted by FR1/E-UTRA/UTRA OTA environment limitation to make them verifiable based on restricted test purpose approach | R&S | R5-217806 | RAN5#95 | Pending  R5-220856 |
| AP#93.04 | SIG | Update TS 38.523-1 SoR TC 6.3.1.5 | Keysight | R5-217996 | RAN5#94 | Closed  R5-217805 |

## RF:

## Action Points at RAN5#94-e

| **Action ID** | **sWG** | **Action** | **Responsible** | **Relevant Tdoc** | **Deadline** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| AP#94e.21 | RF | Determine whether the new NF methodologies is to be considered if the applicable FR2 test requirement relaxations cannot completely be eliminated. | KEYS, R&S, Apple | R5-221260r1 | RAN5#96 | Open |
| AP#94e.22 | RF | whether the origin of the FR2 Tx/Rx spurious emissions (regardless of frequency), is always co-located with the antenna array responsible for the radiation of the in-band | Apple, Qualcomm | R5-221260r1 | RAN5#96 | Open |

## Action Points at RAN5#93-e

| **Action ID** | **sWG** | **Action** | **Responsible** | **Relevant Tdoc** | **Deadline** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| AP#93e.21 | RF | RF Provide text proposals for TRP-TRS MU Annex B of TR 38.834  Updated descriptions are required for MU contributors classified as a) or b) | R&S, MVG, KS | R5-217600r3, R5-217756r1  R5-220832  R5-221175 | RAN5#94e | Closed |

## 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#94e | Close |

## Action Points at RAN5#90-e

| **Action ID** | **sWG** | **Action** | **Responsible** | **Relevant Tdoc** | **Deadline** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| 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  R5-217652  R5-217716  R5-217717  R5-221349  R5-221348  R5-221347  R5-220889  R5-221250  R5-221346 | RAN5#95e | 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  R5-217653  R5-221163  R5-221164  R5-221249 | RAN5#95e | 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) Whether 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  R5-217416  R5-217417  R5-217418  R5-217556  R5-220885  R5-220886  R5-220884  R5-221270 | RAN5#94e | 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#95e | Open  If no progress AP will be closed by RAN5#95-e |

## Annex G: List of decisions

|  |  |  |  |
| --- | --- | --- | --- |
| Meeting/Number | Agenda item | Document | Details |

## Annex H: List of participants

163 delegates and officials attended electronically the RAN5#94-e meeting from remote

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
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## Annex I: List of future meetings

