**3GPP TSG WG RAN5 Meeting #99 draft R5-233781**

**Incheon, South Korea,**

**22nd – 26th May 2023**



**Draft Report from the RAN WG5#99 Meeting**

Incheon, South Korea

22nd – 26th May 2023

v 1.1

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## 1 Opening of the meeting

**R5-232020 Agenda - opening session**

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

**Decision:** The document was **revised to R5-232774**.

**R5-232023 RAN5#99 Session Programme**

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

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

**R5-232774 Agenda - opening session**

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

(Replaces R5-232020)

**Abstract:**

AI 6.4.4.4.1.7 RRC Non-public networks (clause 8.1.7) was added.

**Discussion:**

The RAN5 Chair welcomed all delegates to the RAN5#99 meeting in Incheon/Korea. The host TTA explained the practicalities.

Then the new delgates from China Mobile, NTT, Rohde&Schwarz, ChinaTelecom introduced themselves.

Then the RAN5 Chair reminded:

Reminder for IPR declaration

I draw your attention to your 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

“I also draw your 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 I recommend that you contact your legal counsel.

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

Furthermore, I would like to remind you that 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 **approved**.

### 1.1 Welcoming brief by the host

## 2 Reports

### 2.1 Live Reports

**R5-232025 RAN5#98 WG Minutes**

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

**Discussion:**

late comments from TF160 manager

**Decision:** The document was **revised to R5-233301**.

**R5-233301 RAN5#98 WG Minutes**

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

(Replaces R5-232025)

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

**R5-232024 RAN5 Leadership Team**

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

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

**R5-232026 RAN5#98 WG Action Points**

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

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

**R5-232027 Latest RAN Plenary notes**

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

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

**R5-232028 Latest RAN Plenary draft Report**

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

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

**R5-232029 Post Plenary Active Work Item update**

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

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

**R5-232190 MCC TF160 Status Report**

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

**Abstract:**

Test models & ASPs design  
Progress at TTCN Workshop #61 (20th Apr’23)Test Models – 5G:

Rel-15:

Endorsed corrections to default UL Grants.

Discussed potential updates to ASP NR\_PDCP\_DRB\_Config\_Parameters\_Type.

Rel-16:

5G V2X: endorsed new NR Sidelink test models for RLC & PDCP testing.

NR 2-step RACH: endorsed NR ASP updates to add support for 2-step Random Access type with MSGA.

Rel-17:

MUSIM: endorsed initial test model for MUSIM support over NR/5GC.

UDC: endorsed NR ASP updates to add support for NR UDC.

Prose CRs to TS 38.523-3 submitted at RAN5#99 for the above.

Test Models – NB-IoT:

Rel-17 NTN: endorsed NTN test model & NB-IoT ASP updates for GSO support.

Prose CR to TS 36.523-3 submitted at RAN5#99 for the above.

Test Models – LTE:

Rel-13 eMTC: endorsed updates to latency procedure to accomodate CatM1 UEs.

Prose CR to TS 36.523-3 submitted at RAN5#99 for the above.

Test Models – IMS:

Endorsed removal of explicit encoding rule “XML” for alias definitions.

Test Models – POS:

Endorsed updates to LTE POS & NR POS ASPs to add explicit PRS power level configuration.

TTCN development   
Progress for period: Feb to May’2:

Completed:

5G Rel-16:

RRC DL segmentation

IMS over NR/5GC:

Rel-16 IMS eCallProgressed 5G:

5G Rel-15:

NE-DC

5G Rel-16:

MR-DC & NR CA enhancements

V2X

5G Rel-17:

RedCap

Network slicing enhancements phase2

IMS over NR/5GC:

Rel-15 IMS emergency

Started:

5G Rel-17:

5GC eCPSOR

SON/MDT enhancements

POS:

Rel-17 NR positioning enhancements

Progressed 4G:

Mission Critical over LTE:

MCVideo

TTCN funding 2023 Status:

2023 workload is estimated at 104 person-months (pm), see previous slides.

PCG#49/OP#48 approved the 3GPP funding of 58 pm for 2023 TTCN tasks.

CTIA/PTCRB and GCF have agreed to continue TF160 financial support in 2023.3GPP companies / 3GPP MRPs committed to provide 20 pm as voluntary contributions for 2023 TTCN development.

Total resources of 104 pm  no estimated funding gap.

TTCN deliveries and baseline  
2023 schedule:

One TTCN-2 full delivery (FDD & LCR TDD) and four TTCN-3 full deliveries.

No type definitions baseline upgrade planned in 2023.

Note: Rel-18 ASN.1 freeze scheduled by 3GPP in June 2024.

**Decision:** The document was **revised to R5-233302**.

**R5-233302 MCC TF160 Status Report**

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

(Replaces R5-232190)

**Discussion:**

TTCN sidebar minutes were added

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

### 2.2 General Reports for information

**R5-232030 RAN5 SR to RP#99**

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

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

**R5-232031 TF160 SR to RP#99**

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

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

**R5-232760 GCF 3GPP TCL after GCF CAG#74**

*Type: report For: Information  
 Source: Ericsson*

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

## 3 Incoming Liaison Statements

**R5-232040 Reply LS from CT6 to review mandate of the implementation of UI/MMI features for Wearable form factor.**

*Type: LS in For: Information  
 Original outgoing LS: C6-220684, to GCF CAG, cc TSG WG CT1, TSG WG RAN5, PTCRB Plenary, PTCRB IoT WG  
 Source: TSG WG CT6*

**Abstract:**

3GPP CT WG6 thanks GCF-CAG for its LS to review mandate of the implementation of UI/MMI features for wearable form factors.

The LS request the following to 3GPP CT WG6 for consideration:

“There should be a mechanism available for OEMs to disable certain features (that are not practical to implement for certain form factors such as wearables) and therefore have an option to leave it disabled in USIM/USAT test specification"

3GPP CT WG6 would like to clarify the following.

i. 3GPP TS 22.011 Section 3.2.1 (responsibility of 3GPP SA WG1) mandates the UE to support both manual and automatic network selection (modes).

ii. Per, 3GPP TS 31.111 (Section 5.2) and ETSI TS 102.223 (Section 5.2), there is a provision to handle devices with limited UI/MMI features. Terminal Profile bit(s) can be set accordingly to reflect the CAT facilities that are supported by the terminal. Example, for certain class of devices with 'no display capability (class ND)', or devices with 'no keypad capability (class NK) 'the Terminal Profile bits can be set accordingly.

iii. Further, the necessity to run related conformance tests from 3GPP TS 31.124 (USAT test specification) becomes optional when the device manufacturer declares the support of possible options in table A.1 of 3GPP TS 31.124 (Section 3.3) for the device under test. For example - Terminal support of display capability (O\_No\_Type\_ND), Terminal supports keypad (O\_No\_Type\_NK) can be disabled if not supported by the wearable device.

ACTION: 3GPP CT WG6 asks GCF-CAG to take above into account.

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

**R5-232042 Reply LS to ETSI TC MSG/TFES on NR TRP and TRS requirements**

*Type: LS in For: Information  
 Original outgoing LS: R4-2302981, to ETSI TC MSG/TFES, cc TSG RAN, TSG WG RAN5, GSMA, GCF CAG, GCF PAG, CCSA TC9 WG1  
 Source: TSG WG RAN4*

**Abstract:**

3GPP RAN4 thanks ETSI TC MSG/TFES for the LS (R4-2300042/TFES(23)074029) on NR TRP and TRS requirements.

3GPP RAN4 is responsible to define OTA requirements and testing methods for UE.

For the standardization work of BHH (Beside Head and Hand) NR TRP and TRS, the test parameters for FR1 bands and permitted test method have been specified in the latest 3GPP specification TS 38.161 v17.1.0 [1]. However, the corresponding FR1 BHH requirements have not been finalized in RAN4.

After the successful completion of Rel-17 NR FR1 TRP TRS WI, a new Work Item on Rel-18 FR1 TRP TRS enhancement was approved in RAN#97-e meeting, the objectives are listed in the latest WID [2]. In Rel-18, RAN4 will specify handheld UE requirements, for devices wider than 72 mm and narrower than 92 mm as the first priority. RAN4 has decided to work on requirements for both browsing mode (hand phantom only) and talk mode (Beside Head and Hand), and the requirements for both browsing mode and talk mode will be introduced together per band.

The workplan for Rel-18 FR1 TRP TRS WI was approved in RAN4#104bis-e meeting, the completion of requirements targets to RAN4#111 meeting, May 20-24, 2024.

3GPP RAN4 looks forward to further cooperation with TC MSG/ERM TFES on NR FR1 TRP TRS work.

2 Actions

To ETSI TC MSG/TFES:

ACTION: 3GPP RAN4 asks ETSI TC MSG/TFES to take the above feedback into account.

**Discussion:**

presented by Apple

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

**R5-232044 Reply to LS to 3GPP on ECC request for standardisation support related to ECC Decision (22)07 on “harmonised framework on aerial UE usage in MFCN harmonised bands”**

*Type: LS in For: Information  
 Original outgoing LS: RP-230804, to ETSI TC MSG/TFES, cc TSG SA, TSG WG RAN2, TSG WG RAN4, TSG WG RAN5, TSG WG SAG2, TSG WG CT1, GSMA, ERMTG AERO  
 Source: TSG RAN*

**Abstract:**

TSG RAN thanks ETSI TC MSG/ERM TFES for their LS informing of the ECC request for standardisation support on implementation in harmonised standard of relevant components of ECC Decision (22)07 on “harmonised framework on aerial UE usage in MFCN harmonised bands”.

TSG RAN discussed the issues raised in the LS and took the following actions:

• To address the OOBE requirements listed in point a), a RAN4 objective was added to the Rel-18 NR UAV work item to study and specify the necessary UE types and OOBE requirements for protection of the referred frequency ranges from aerial UE emissions. The updated work item is attached in RP-230782.

o The above referred Rel-18 NR UAV work item only addresses NR RAT. To address the same requirements for E-UTRA, a corresponding work item was agreed in RP-230783.

o As ETSI TFES work on aerial UE is supposed to be based on the UE conformance testing specification from RAN5, related work is planned to be triggered once RAN4 completes its task in Q2 2023.

• For requirements listed in points b), c) and d), RAN2 will in the existing Rel-18 NR UAV work item do further technical analysis of existing 3GPP specifications to verify if these three ECC requirements are already covered by the specifications. Depending on the outcome of the analysis, RAN will decide if additional work is needed in the working groups.

TSG RAN will keep ETSI TC MSG/TFES updated on the progress of the work.

2. Actions: 3GPP TSG RAN asks ETSI TC MSG/TFES to consider the above information.

**Discussion:**

presented by Ericsson

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

**R5-232045 LS Reply on ECC request for standardisation support related to ECC Decision (22)07 on “harmonised framework on aerial UE usage in MFCN harmonised bands”**

*Type: LS in For: Information  
 Original outgoing LS: S2-2303302, to ETSI TC MSG/TFES, cc ETSI TC ERM, TSG WG RAN5, TSG WG CT1, GSMA, ERMTG AERO  
 Source: TSG WG SA2*

**Abstract:**

SA2 thanks ETSI TSG MSG/TFES for the incoming liaison. SA2 has discussed the content and has the following comments.

SA2 noticed the definition of aerial UE from ETSI TSG MSG/TFES:

“According to this ECC Decision, an aerial UE refers to a UE supporting UAS features and services and requiring an aerial subscription. An aerial UE is installed either on-board an Unmanned Aircraft (e.g. drones) or on-board manned aircraft (e.g. helicopter). It identifies itself to the mobile network as being in this class.”

Such definition goes beyond what 3GPP has considered before 3GPP release 17 that a 3GPP aerial UE is simply a UE with an aerial subscription. However, in release 17 SA2 has introduced the concept that a UE provisioned and configured to act as an Uncrewed Aerial Vehicle (UAV) in addition to having an aerial subscription shall also indicate it is a UAV by providing an application layer identifier (the CAA-Level UAV ID, assigned by the UTM, see 3GPP TS 23.256) before receiving aerial services from the 3GPP network. This allows the 3GPP network to obtain authentication and authorization for the UAV by the UTM. Moreover, since Release 15 the LTE RAN is informed of the UE aerial subscription, and a similar mechanism is being added to NG-RAN (NR) for release 18. As such, SA2 believes that 3GPP specifications from release 17 already supports Uncrewed Aircraft (i.e., the 3GPP term for Unmanned Aircraft) of the above definition. However, 3GPP specifications so far have not addressed Crewed Aircraft use cases.

Regarding bullet points b, c, and d:

b) mechanism/feature coherent with the above aerial UE definition in order to differentiate aerial UE, as defined by ECC Decision 22(07) from terrestrial UE operating under LTE/NR 5G networks

SA2 believes that mechanisms from release 17 (for LTE) and from release 18 (for NR) will enable the differentiation as described in bullet (b).

c) differentiation of aerial UE from other terrestrial UE shall not be changed by the end-user

Though SA2 agrees that an aerial UE shall not be allowed to operate flight operations without indicating to the network that it is an aerial UE as per the ETSI definition, we recommend considering the scenarios we describe in relation to bullet (d) below.

d) the aerial UE shall not be capable to connect to LTE/NR 5G networks without aerial subscription

SA2 has discussed bullet (d) and understands that this is done to ensure the operation of actual aerial UEs in the correct frequencies to avoid the misuse of frequencies not allowed for aerial UEs. In 3GPP specifications before Release 17, it is not possible to enforce such requirement Since a UAV UE configured to behave as a UAV and with an aerial subscription, when not in flight, can connect as a regular UE to access services not related to UAV/flight operations. However, since Release 17 the functionality exists for an operator to restrict specific bands for aerial UEs as defined by ETSI TSG, i.e. to only UEs that are provisioned and configured to act as a UAV in addition to having an aerial subscription.

3GPP would like in addition for ETSI TSG MSG/TFES to consider the following scenarios:

- the aerial UE while on the ground (i.e. not in a flying state) may need to perform operations not related to any flight missions, e.g. large media dump, software updates, etc.

- certain aerial UEs (e.g. robotic videocamera drones) may also perform surveillance operations on the ground without taking a flight (e.g. as surveillance cameras).

In such scenarios, the 3GPP UE installed on the aerial vehicle requires connectivity for services not related to aerial operations and that may not always be available while in flight (e.g. downloading a large amount of high quality 4K video), and restricting such UE to behave as an aerial UE while on the ground would be restrictive for generic service provisioning beyond aerial operations. 3GPP release 17 mechanisms would allow such UE to register to the mobile network as a regular UE, access the necessary services and connectivity without being authorized for a flight, and operate in the frequency bands available to a non-aerial UE. At a later time, when ready for flight, the UE will need to re-register to the network and indicate its intention to operate as an aerial UE (in the ETSI definition), and as such be restricted to operate in the correct bands. Therefore, SA2 believes the restriction in bullet (d) is unnecessary.

In conclusion, 3GPP SA2 is of the opinion that most of the points raised by ETSI TC MSG/TFES are already supported by release 17 standards.

2. Actions: SA2 ask ETSI TC MSG/TFES to take the above into account and in particular to consider the comments on the requirements in bullet (c) and (d).

**Discussion:**

presented by Apple

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

**R5-232048 Non-Support of Ciphering Algorithm GEA2**

*Type: LS in For: Action  
 Original outgoing LS: S-23-047r1, to TSG WG RAN5, TSG WG SA3, cc GCF CAG/FTAG, GSMA TSG, GSMA Fraud & Security Group, CTIA/PTCRB  
 Source: GCF SG*

**Abstract:**

GCF has implemented relevant certification criteria to ensure that Mobile Stations do not support GEA2 if they are REL-16 and higher. GCF has also implemented transparency in their Certification Declaration to indicate which of the UEs of REL-15 and earlier do support GEA2.

Unfortunately, there are still quite a number of UE certifications which indicate implementation of GEA2.

Identically to GEA1, the GPRS ciphering algorithm GEA2 is known as being not secure since many years, but we experience that an unacceptably high number of devices are being GCF certified supporting GEA2 which have a pre-REL-16 GPRS implementation. Instead of a decrease we can see from the product statistics even a significant increase (almost double!) of devices certified with support of GEA2!

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, current 3GPP specifications still allow pre-REL-16 Mobile Stations to implement GEA2, and for REL-6…REL-10 Mobile Stations, GEA2 is even a mandatory feature!

GCF SG has already agreed in principle at their meeting #94, 28-30 March 2023, that from GCF-CC Version 3.90 onwards (July 2023), devices can only be certified which do not support GEA2, irrespective of their implemented 3GPP Release.

It is not desirable that GCF applies stronger or even contradicting certification criteria than outlined in the related 3GPP standards. In order to fully prevent implementation of insecure ciphering algorithms, GCF would like to request 3GPP SA WG3 to explicitly prohibit support of GEA2 in all releases of TS 43.020. GCF would also like to request 3GPP RAN5 to remove mandatory status of GEA2 in 3GPP Conformance Test Specifications with immediate effect.

Actions

3GPP SA3: To explicitly prohibit support of GEA2 in all releases of TS 43.020.

3GPP RAN5: To remove mandatory status of GEA2 in 3GPP Conformance Test Specifications with immediate effect.

**Discussion:**

TF160 manager: there is a pixit default value for GEA2.

RAN5 Chair: can be done at next meeting.

Motorola Maobility(GCF CAG Chair): this way forward is ok.

CR R5-233296 will be drafted.

+ an o/g LS.

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

**R5-232049 NR Bandwidth for OTA TRS testing**

*Type: LS in For: Information  
 Original outgoing LS: TSGAP76\_004, to TSG WG RAN4, TSG WG RAN5, cc -  
 Source: GSMA TSGAP*

**Abstract:**

GSMA TSG Antenna Performance sub group, has been informed about progress of 5G NR OTA WI for FR1 in 3GPP RAN 4

The GSMA TSGAP has concerns on the test configuration defined for TRS (TIS) since only 100 MHz is used as the Channel Bandwidth for n78. GSMA TSGAP understands that 20 MHz is more appropriate to be used as CBW for test purposes.

Using 20 MHz as CBW will allow 5G NR test results to be compared with LTE test results which are already tested with 20MHz.

Other NR bands may only support 20 MHz so it would be appropriate to test all band with same configuration.

GSMA TSGAP would like to inform 3GPP RAN 4 and RAN 5 that both CTIA and GSMA have adopted the use of 20 MHz channel bandwidth for TRS testing in high and mid bands ( e.g. n78) and 10 MHz in low bands ( e.g. n28) .

2 Action

GSMA TSGAP would like to kindly ask 3GPP RAN4 to update their test specs to include the TRS with 20MHz and 10MHz CBW as described above

**Discussion:**

presented by Apple

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

## 4 RAN5 General Issues

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

**R5-232261 New WID on UE Conformance - High-power UE operation for fixed-wireless/vehicle-mounted use cases in LTE bands and NR bands**

*Type: WID new For: Endorsement  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

This Work Item is to develop a new feature to enable HPUE (power class 1) for the bands supporting +31 dBm.

Support for fixed wireless and vehicle mounted user equipment usage scenarios, with broader rural coverage and higher data rates is envisioned as part of deployment configurations in LTE band 5, band 12 and band 13, and in NR band n5, n13, n26, n41, n71, n77, n85, n100 and n101. Improvements in coverage, availability, and throughput performance to meet the market demands associated with fixed wireless and vehicle mounted usage would be enabled with user equipment specified with a power class 1 (31dBm) up-link transmission capability.

This Work Item is to develop a new feature to enable HPUE (power class 1) for the bands supporting +31 dBm.

Note: As for all basket WIs, each unit of the basket (i.e. testing of one new band) can progress and complete separately. Once the whole basket is declared completed, all units of the basket that are not completed will be removed from the basket WI and from the specifications.

4 Objective

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

This is a basket WI including following E-UTRA and NR bands.

Band RAN4 Status Release independent from

5 Ongoing Rel-10

12 Completed Rel-10

13 Ongoing Rel-10

n5 Ongoing Rel-15

n13 Ongoing Rel-15

n26 Ongoing Rel-15

n71 Completed Rel-15

n85 Completed Rel-15

n41 New Rel-15

n77 Completed Rel-15

n100 Completed Rel-15

n101 Completed Rel-15

Note: The Release independence is covered already in TS 36.307 (Table 3A.1-1) and TS 38.307 (Table 5.1-2) via general requirements that were introduced via REL-17 WI LTE\_NR\_HPUE\_FWVM.

The objectives of the WI are:

 Introduction of NR bands to support high power UE (Power class 1)

 Specify RF characteristics for E-UTRA and NR bands supporting PC1

**Decision:** The document was **revised to R5-233304**.

**R5-232299 New WID on UE Conformance - High power UE (power class 2) for NR FR1 FDD single band**

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

**Abstract:**

Increasing the transmit power of UE has significant benefits on extending uplink coverage area and improving the experience of cell edge users. In Rel-17，several study/work items related to HPUE for FDD band have been standardized in RAN4. However，operators have increasing deployment demand on HPUE requirement for increasing NR bands which are still missing in R17 HPUE WIs in RAN4.

At RP#98 meeting , RAN4 introduced an R18 basket WI for HPUE PC2 on NR FR1 FDD single bands as a continuation of R17 work, and this WI is estimated to be complete at Dec, 2023. At least 1 PC2 FDD band will be complete at the upcoming RP meeting.

To fulfil the urgent demand of the market, it is proposed to introduce an associated RAN5 work item to enable UE conformance test for NR PC2 UE on FDD bands in Rel-18.

4 Objective

4.1 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 RAN4 WI ‘HPUE\_NR\_FR1\_FDD\_R18’, including the RF Test cases, test environment, test case analysis and applicability for PC2 UE for NR FDD band in R18 .

Note: The progress of conformance test work of HPUE on any band could not be set as 100% until the corresponding PC3 band is confirmed as 100% completed.

**Discussion:**

Qualcomm: is it for single bands? Add a table for tbd.

AT&T asked to support the WI

**Decision:** The document was **revised to R5-233305**.

**R5-232335 New WID on UE Conformance - IMS voice service support and network usability guarantee for UE’s E-UTRA capability disabled scenario in 5GS**

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

**Abstract:**

for a standalone (SA) 5G network which only relies on EPS fallback for IMS voice service, one kind of IMS voice failure has already happened in real deployments and needs to be solved. The typical senario is UE initiates the EPS Attach procedure, but it failed for 5 times due to for instance “bad” 4G coverage such as in a tunnel, the UE will starts T3402 (default value 12mins) disables its E-UTRA capability. If the UE moves to the 5G coverage for instance after moving out of a tunnel, it selects the NG-RAN radio access technology and proceeds with the registration procedure. Because the UE has to indicate “S1 mode not supported” during the registration procedure as a result of disabling the E-UTRA capability, the network then indicates "IMS voice over PS over 3GPP not supported“. Consequently, the IMS voice call relying on the EPS fallback mechanism will not work for the UE. Furthermore, since a "voice centric" UE will disable the N1 mode capability subsequently, it will not get the 5G services either. That is to say, because of the coverage holes in 4G, the UE will lose IMS voice and 5G services for about T3402 (default value 12mins) even if the UE moves back to the 4G and 5G coverage druing T3402.

3GPP had introduced a WI ING\_5GS to address the solutions to this issue is Rel-17, evaluating and defining the conditions in which the 5G UE can maintain or re-enable the E-UTRA capability and defining the handling of T3402 which allows the UE to reselect from 5GS to EPS or be handed over/redirected from 5GS to EPS by the network.

The completion level of core part of the 3GPP Rel-17 work item on ING\_5GS had achieved 100% in December 2022. Therefore, there is a need to introduce an associated RAN5 work item to enable UE conformance testing for ING\_5GS to solve the problems which the real network occured.

4 Objective

4.1 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 ING\_5GS to solve the IMS voice service support and network usability guarantee for UE’s E-UTRA capability disabled scenario in 5GS.

**Discussion:**

r1

CATT & CAICT will be added.

**Decision:** The document was **revised to R5-233310**.

**R5-232415 New WID on UE Conformance - Rel-18 High Power UE for NR CA and DC; and NR and LTE DC Configurations**

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

**Abstract:**

3GPP TSG RAN WG4 has created a few Rel-18 basket WIs to specify the HPUE requirements for NR CA/DC and LTE-NR DC configurations. 3GPP TSG RAN WG5 needs to introduce the relevant conformance test aspect based on operator’s interest. To facilitate the RAN5 work efficiently, current RAN5 basket WI is proposed to cover all the RAN4 basket WIs related to HPUE requirements for NR CA/DC and LTE-NR DC configurations except for WI for FWVM UEs.

4 Objective

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

The objective of the present work item is to develop RF test cases for Rel-18 HPUE requirements for NR CA/DC and LTE-NR DC configurations. The introduction of the CA/DC configurations into the 3GPP TSG RAN WG5 test specification is dependent on the progress of the associated core and performance work items in 3GPP TSG RAN WG4.

Note: The progress of conformance test work of HPUE on any band configuration could not be set as 100% until the corresponding PC3 band configuration is confirmed as 100% completed.

**Discussion:**

r1

AT&T asked to be added.

**Decision:** The document was **revised to R5-233309**.

**R5-232826 New WID on UE Conformance - High power UE (power class 1.5) for NR FR1 TDD single band**

*Type: WID new For: Endorsement  
 Source: CMCC, Huawei, HiSilicon*

**Abstract:**

RAN4 have introduced Rel-18 work items for HPUE requirements on NR FR1 TDD single band. The introduction of HPUE has benefits on extending uplink coverage area and improving the experience of cell edge users.

RAN4 has completed PC1.5 HPUE feature to improve the uplink coverage for 5G SA deployments on NR bands n41, n77, n78 and n79 during R16 and R17. RAN4 also has set up a R18 basket WID to enable HPUE (power class 1.5) operation on NR FR1 TDD bands, including n34, n39 and n40. Both PC1.5 n34 and PC1.5 n40 have been 100% completed and are expected to be captured into TS 38.101-1 v18.2.0 (20230-06). Therefore it is justified to introduce the conformance testing for HPUE requirements on R18 NR FR1 TDD single bands into RAN5 specification.

4 Objective

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

The objective of this work item is to define the corresponding UE conformance requirements, analyse the test case impact, applicability, test environment, and update the relevant conformance specifications for the PC1.5 HPUE single TDD band requirements introduced by the RAN4 work items in Rel-18 as shown in the table below.

Table 1: Power class 1.5 NR TDD bands within FR1

NR TDD band : Release independent from

n34 : Rel-15

n39 : Rel-15

n40 : Rel-15

Note 1: These bands for PC1.5 will be introduced in a Rel-independent way starting with REL-15. However, no change to TS 38.307 is required for this Rel-independence aspect since it has already been covered via generic requirements.

Note 2: The progress of conformance test work of HPUE on any band could not be set as 100% until the corresponding PC3 band is confirmed as 100% completed.

**Discussion:**

format!

r1

**Decision:** The document was **revised to R5-233306**.

**R5-232894 New WID on UE Conformance – Multi-carrier enhancements for NR**

*Type: WID new For: Information  
 Source: China Telecom, Huawei, HiSilicon*

**Abstract:**

This is just for information.

Will be submitted at the next meeting.

NR supports a wide range of spectrum in different frequency ranges. It is expected that there will be increasing availability of spectrum in the market for 5G Advanced possibly due to re-farming from the bands originally used for previous cellular generation networks. Especially for low frequency FR1 bands, the available spectrum blocks tend to be more fragmented and scattered with narrower bandwidth. For FR2 bands and some FR1 bands, the available spectrum can be wider such that intra-band multi-carrier operation is necessary. To meet different spectrum needs, it is important to ensure that these scattered spectrum bands or wider bandwidth spectrum can be utilized in a more spectral/power efficient and flexible manner, thus providing higher throughput and decent coverage in the network.

One motivation is to increase flexibility and spectral/power efficiency on scheduling data over multiple cells including intra-band cells and inter-band cells. The current scheduling mechanism only allows scheduling of single cell PUSCH/PDSCH per a scheduling DCI. With more available scattered spectrum bands or wider bandwidth spectrum, the need of simultaneous scheduling of multiple cells is expected to be increasing. To reduce the control overhead, it is beneficial to extend from single-cell scheduling to multi-cell PUSCH/PDSCH scheduling with a single scheduling DCI. Meanwhile, trade-off between overhead saving and scheduling restriction has to be taken into account.

For multi-carrier UL operation, there are some limitations of current specification, e.g. 2TX UE can be configured with at most 2 UL bands, which only can be changed by RRC reconfiguration, and UL Tx switching can be only performed between 2 UL bands for 2Tx UE. Dynamically selecting carriers with UL Tx switching e.g., based on the data traffic, TDD DL/UL configuration, bandwidths and channel conditions of each band, instead of RRC-based cell(s) reconfiguration, may potentially lead to higher UL data rate, spectrum utilization and UL capacity.

Therefore, the RAN1 Rel-18 WI ‘Multi-carrier enhancements for NR’ is approved and it targets to specify a solution for multi-cell PUSCH/PDSCH scheduling (one PDSCH/PUSCH per cell) with a single DCI, and specify enhanced UL Tx switching schemes for multi-carrier UL operation.

Until RAN#99, the above WI has been 80% completed in the Core part. In addition, according to the latest SR RP-230356, RF core requirements are expected to be implemented after May 2023. As a result, it is justified now to start the work on the corresponding UE conformance specifications in 3GPP RAN WG5.

4 Objective

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

The objective of this work item is to enable UE conformance testing for the Rel-18 NR Multi-carrier enhancements WI, analyses the test case impact, applicability, test environment, and update the relevant conformance specifications.

**Discussion:**

RAN5 Chair: a different template shall be used.

Target date foreseeably will be June 2025.

Noted. For information.

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

**R5-233063 New WID for IMS Data Channel test**

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

**Abstract:**

The IMS data channel uses the data channel media type as defined in 3GPP Release 16 TS 26.114 and can be used in parallel with other media types such as voice and video in the Multimedia Telephony (MMTel) service. This data channel is highly flexible and can be used to carry any type of information between the User Equipment (UE) and the network or end-to-end between UEs. It is based on the WebRTC data channel protocol stack as specified by the World Wide Web Consortium (W3C) and Internet Engineering Task Force (IETF). It is adapted to be used in the 3GPP MMTel context by new procedures in 3GPP Release 16 TS 26.114 and through minor extensions to existing call handling procedures in 3GPP Release 17 TS 24.229, TS 29.165 TS 24.173.

However, the IMS Data Channel test cases are missing in the current RAN5 test specifications. Specifying IMS Data Channel test cases will benefit the IMS based real-time communication industry.

4 Objective

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

IMS Data Channel applies to VoLTE and VoNR. So for each Radio access, the objective includes at least the following areas:

1. Initial Registration to check if UE can include the sip.app-subtype media feature tag with a value "webrtc-datachannel" if the UE supports IMS data channel.

2. Bootstrap data channel (BDC) to check if UE and network can negotiate and establish BDC, including the correct stream ID 0/10/100/110 with http protocol.

3. Fail to establish IMS data channel: if IMS DC get failed when SDP O/A negotiates, legacy IMS call should be supposed to proceed as normal.

4. Application data channel (ADC) to check if application data channel can be established. After BDC established, UE will retrieve data channel application so that SS needs to additionally support SCTP over DTLS. Actual application is not needed. SS probably send an arbitrary http packet, maybe containing some simple text after UE sends HTTP GET.

5. IMS data channel associated with an IMS call (Voice, Video) to check if UE can support using data channel simultaneously with voice or video media.

**Discussion:**

only SIG impact.

**Decision:** The document was **revised to R5-233312**.

**R5-233105 New WID on UE Conformance - Rel-17 Power Class 2 UE for NR inter-band CA/DC with or without SUL configurations with x (6>=x>2) bands DL and y (y=1, 2) bands UL**

*Type: WID new For: Endorsement  
 Source: Huawei, HiSilicon*

**Abstract:**

3GPP TSG RAN WG4 has completed a Rel-17 basket WI on requirements for PC2 UE for NR inter-band CA with more than two bands downlink and up to two bands uplink or SUL band combinations. 3GPP TSG RAN WG5 needs to start the relevant conformance test aspect based on operator’s interest.

4 Objective

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

The objective of the present work item is to introduce PC2 RF requirements and develop RF test cases for PC2 UE in RAN5 for NR inter-band CA with more than two bands downlink and up to two bands uplink or SUL band combinations in Rel-17. The introduction of the CA/DC configurations into the 3GPP TSG RAN WG5 test specification is dependent on the progress of the associated core and performance work item in 3GPP TSG RAN WG4.

Note: The progress of conformance test work of HPUE on any band configuration could not be set as 100% until the corresponding PC3 band configuration is confirmed as 100% completed.

**Discussion:**

NTT DOCOMO will be added.

**Decision:** The document was **revised to R5-233311**.

**R5-233106 New WID on UE Conformance - Rel-18 NR CA and DC; and NR and LTE DC Configurations**

*Type: WID new For: Endorsement  
 Source: Huawei, HiSilicon, CMCC*

**Abstract:**

3GPP TSG RAN WG4 have created new bucket WIDs for Rel-18 CA/DC configurations. 3GPP TSG RAN WG5 needs to introduce the Rel-18 NR CA/DC configurations to the 3GPP UE test specifications.

4 Objective

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

The objective of the present work item is to develop RF, RRM and protocol test cases for Rel-18 NR CA/DC configurations. The scope of this work item is conformance testing of all Rel-18 CA/DC configurations including at least 1 NR component carrier specified by 3GPP TSG RAN WG4. The introduction of the CA/DC configurations into the 3GPP TSG RAN WG5 test specification is dependent on the progress of the associated core and performance work items in 3GPP TSG RAN WG4.

**Discussion:**

r1

Part -2, -3 are not expected.

AT&T asked to be added.

**Decision:** The document was **revised to R5-233307**.

**R5-233107 New WID on UE Conformance - New Rel-18 NR licensed bands and extension of existing NR bands**

*Type: WID new For: Endorsement  
 Source: Huawei, HiSilicon, China Telecom*

**Abstract:**

RAN4 have introduced Rel-18 work items for new NR licensed bands and extension of channel bandwidth of existing NR licensed bands. The new NR bands and extended channel bandwidth of the existing NR bands are introduced in Rel-18 NR specifications, but are release independent from Rel-15.

It is expected that there will be an interest to introduce most or all the new NR licensed bands and channel bandwidth extensions of existing licensed bands as listed in clause 2.2 in RAN5 test specifications. The increase in RAN5 work items will cause overhead in the RAN5 meeting agenda and meeting execution. Having all the new NR licensed band and channel bandwidth extension work items covered by one RAN5 basket work item would enable RAN5 to more efficiently handle CRs for common areas in 3GPP conformance test cases.

Note: As for all basket WIs, each unit of the basket (i.e. testing of one new NR band or testing of an extension of a new NR band) can progress and complete separately. Once the whole basket is declared completed, all units of the basket that are not completed will be removed from the basket WI and from the specifications.

4 Objective

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

The objective of this work item is to define the corresponding UE conformance requirements, analyse the test case impact, applicability, test environment, and update the relevant conformance specifications for the new licensed bands and extended channel bandwidth of exiting licensed bands covered by the RAN4 work items in Rel-18.

**Discussion:**

r2

Qualcomm asked about the bands.

**Decision:** The document was **revised to R5-233308**.

### 4.2 General Discussion Papers

#### 4.2.1 5GS

**R5-232446 Discussion on sending/receiving test mode commands/acknowledgement in RRC INACTIVE state**

*Type: discussion For: Endorsement  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

AI5.3.20.6

TS 38.509

Based on the above discussion, we propose the following to RAN5.

Proposal: RAN5 to consider one of the following two possible options through which the test control command(s) can be sent reliably to the DUT in RRC INACTIVE state:

Option 1: Send an LS to RAN2 asking the possible solutions to support test control command(s) in RRC INACTIVE state through new RRC signalling.

Option 2: RAN5 to add more than one timer to the UE test mode B, either repeating same IP data or even have more than one data package for SDT initiation.

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

**R5-233056 WF on creating Rel-18 basket Wis**

*Type: discussion For: Endorsement  
 Source: Huawei, HiSilicon, China Telecom, CMCC, China Unicom, Nokia, ZTE, CATT, CAICT*

**Abstract:**

Observation 1: RAN5 has rich experience of managing basket WIs to introduce band/BW and band configuration specific requirements since Rel-15 for NR and Rel-13 for LTE

Observation 2: The basket WI process saves great RAN5 effort of WI management.

5 RAN5 NR basket WIs handled band configurations from 64 RAN4 WIs

Observation 3: The basket WI process is proved as an efficient way of facilitating the work on band/BW and band configurations.

70+ NR new bands or new bandwidths are completed by RAN5#98.

800+ NR CA/DC configurations are completed by RAN5#98.Observation 4: RAN4 created a bunch of WIs introducing new band/BW or new band configurations in Rel-18. So far a number of new band/BW and new band configurations have been completed in RAN4. It’s proper time for RAN5 to start the basket WI to handle the relevant test work.

Proposal 1: Create a RAN5 basket WI NR\_lic\_bands\_BW\_R18-UEConTest to handle the Rel-18 new band/BW specific requirements in following RAN4 WIs.

Proposal 2: Create a RAN5 basket WI NR\_CADC\_NR\_LTE\_DC\_R18-UEConTest to handle the Rel-18 new band configurations specific requirements in following RAN4 WIs.

Observation 5: The basket WI concept hasn’t been adopted for NR HPUE band configurations until Rel-17.

Separate WIs were created for HPUE band configurations, 2 for Rel-16, 6 for Rel-17.

Observation 6: In Rel-18, basket WI concept could be extended to NR HPUE band configurations to further save RAN5 effort of WI management.

RAN4 started 4 WIs for NR HPUE band configurations in Rel-18. A number of HPUE configurations have been completed in RAN4.

The relevant general requirements have been specified by RAN4 in Rel-16 and Rel-17. In above RAN4 WIs only band configuration specific requirements are expected.

The RAN5 basket WI process is mature to handle the band configuration specific requirements.

Proposal 3: Create a RAN5 Rel-18 basket WI HPUE\_NR\_CADC\_NR\_LTE\_DC\_R18-UEConTest to handle the NR HPUE band configurations.

[1] R5-233107, New WID on UE Conformance - New Rel-18 NR licensed bands and extension of existing NR bands, Huawei, HiSilicon, China Telecom

[2 ] R5-233106, New WID on UE Conformance - Rel-18 NR CA and DC; and NR and LTE DC Configurations, Huawei, HiSilicon, China Mobile

[3] R5-232415, New WID on UE Conformance –Rel-18 High Power UE for NR CA and DC; and NR and LTE DC Configurations, China Telecom, Huawei, HiSilicon

**Discussion:**

r1

The proposals are accepted.

Ligado asked to be added to the supporting companies.

**Decision:** The document was **revised to R5-233303**.

**R5-233303 WF on creating Rel-18 basket Wis**

*Type: discussion For: Endorsement  
 Source: Huawei, HiSilicon, China Telecom, CMCC, China Unicom, Nokia, ZTE, CATT, CAICT*

(Replaces R5-233056)

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

#### 4.2.2 All other topics

**R5-232745 Discussion on GNSS emulation for NTN**

*Type: discussion For: Approval  
 Source: Rohde & Schwarz*

**Abstract:**

AI 5.3.38.9

TS 38.509

During the RAN5#98 a paper [1] was presented discussing the open points for NR NTN TC definition. In this paper we share our view on how to solve the issue of GNSS acquisition for NR-NTN and IoT-NTN.

2. Discussion

Currently RAN5 is discussing two different work items with respect to NTN, one with respect to NR-NTN and the other one covering IoT-NTN. Since for both cases it is necessary to provide the UE with GNSS information, so that the UE can derive its location, it would be beneficial to have a common approach for both cases.

In the last meeting an associated action point has been raised: [..]

As discussed in [1] there are multiple options to provide the GNSS information to the UE. The most prominent ones being discussed are either using GNSS simulator or providing the UE with one-shot GNSS information via e.g. AT commands.

From a test system vendor perspective both options are feasible, however they present different challenges.

While the usage of a GNSS simulator may provide real-time GNSS information to the UE, there are several drawbacks to this solution. GNSS emulators are designed to provide a wide range of GNSS emulation scenarios for LBS testing. For current NTN testing it seems that there is only a need to provide a fixed position to the UE, thus, using a fully-optioned GNSS simulator would unnecessarily increase the system complexity.

Observation 1: Using a GNSS simulator unnecessarily increases the test system complexity.

The UE needs to know its position in order to calculate the frequency pre-compensation. When using a GNSS simulator the UE needs to determine the position information based on its own GNSS receiver. Measurement uncertainties in this process can propagate through the pre-compensation and impact the measurement results for several TCs. This would need to be carefully considered and assessed.

Observation 2: Using a GNSS simulator introduces additional uncertainties into the TCs.

Both of these issues could be avoided by providing a one-shot GNSS fix to the UE at a defined location using AT commands.

Observation 3: Using a one-shot GNSS fix does not have the complexity and uncertainty issues of using a GNSS simulator.

Proprietary AT commands on the other hand may have the drawback that they would need to be device specific, which also leads to additional complexity for the test system development. This however could be lessened by introducing a common test function, which can be specified in TS 38.509 and/or 36.509.

Observation 4: Test system complexity issues of using proprietary AT commands can be reduced by specifying corresponding test functions.

Therefore, from a test system vendor perspective it would be beneficial to define test function which provides the GNSS information to the UE.

Proposal: RAN5 defines test functions in TS 38.509 and TS 36.509 to provide the UE with the GNSS information for NTN testing.

However, since there are already several protocol test cases existing for IoT-NTN, it may be difficult to “retroactively” introduce a test function into 36.509. For this case, further discussions may be necessary whether the usage of a test function is feasible or it is required to use proprietary AT commands.

3. Proposals

In this contribution, we discussed how to provide the GNSS information to the UE for NTN testing, with the following Observations and Proposal.

Observation 1: Using a GNSS simulator unnecessarily increases the test system complexity.

Observation 2: Using a GNSS simulator introduces additional uncertainties into the TCs.

Observation 3: Using a one-shot GNSS fix does not have the complexity and uncertainty issues of using a GNSS simulator.

Observation 4: Test system complexity issues of using proprietary AT commands can be reduced by specifying corresponding test functions.

Proposal: RAN5 defines test functions in TS 38.509 and TS 36.509 to provide the UE with the GNSS information for NTN testing.

**Discussion:**

presented in the joint.

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

**R5-233062 Discussion paper on IMS Data Channel test**

*Type: discussion For: Endorsement  
 Source: Huawei, Hisilicon*

**Abstract:**

The IMS data channel uses the data channel media type as defined in 3GPP Release 16 TS 26.114 and can be used in parallel with other media types such as voice and video in the Multimedia Telephony (MMTel) service. This data channel is highly flexible and can be used to carry any type of information between the User Equipment (UE) and the network or end-to-end between UEs. It is adapted to be used in the 3GPP MMTel context by SA4 group in 3GPP Release 16 TS 26.114 and through extensions to existing call handling procedures developed by CT1 group in 3GPP Release 17 TS 24.229, TS 29.165 and TS 24.173. In 3GPP Release 18, SA2 further studied the IMS architecture enhancements to support data channel services. It is specified in Annex AC of 3GPP TS 23.228.

For the progress of NG.134, GSMA NG UPG IDCTF has been working on NG.134 IMS Data Channel profile for nearly a year. NG.134 v0.4 is submitted to GSMA TSG#50 for information. The NG.134 v0.5 is already sent to GSMA NG#17 for approval in 2023Q2.

Huawei, HiSilicon actually submitted a discussion paper R5-222805 at RAN5#95-e meeting to figure out the related testing and received some comments on the test development, including clear test scope required, feasible test method and the timing/progress of NG.134 in GSMA.

2 Discussion

For the test scope, we have reached agreement that RAN5 will focus on the SIP exchange and not touch the application layer too much. Correspondingly, GSMA has built a new WI to figure out the Data Channel end-to-end service testing.

IMS Data Channel applies to VoLTE and VoNR. So for each Radio access, the objective includes at least the following cases:

1. Initial Registration to check if UE can include the sip.app-subtype media feature tag with a value "webrtc-datachannel" if the UE supports IMS data channel.

- UE side: supports IMS data channel

- SS side: supports SIP without any WebRTC protocol.

2. Bootstrap data channel (BDC) to check if UE and network can negotiate and establish BDC, including the correct stream ID 0/10/100/110 with http protocol, shown as below.

- Sub-cases: MT/MO, before/after Voice/Video/Voice+Video call establishment.

- UE side: initial BDC establishment and Data Channel Application Retrieval. (Creating test mode control messages or AT command if needed, so far there is no related AT CMD found)

- SS side: supports SIP without any WebRTC protocol if we just verify SDP O/A negotiation and do not care about the BDC established or not.

3. Fail to establish IMS data channel: if IMS DC get failed when SDP O/A negotiates, legacy IMS call should be supposed to proceed as normal.

- Sub-cases: MT/MO, before/after Voice/Video/Voice+Video call establishment.

- UE side: initial IMS DC establishment along with legacy IMS call. (Creating test mode control messages or AT command if needed)

- SS side: supports SIP without any WebRTC protocol

4. Application data channel (ADC) to check if application data channel can be established. After BDC established, UE will retrieve data channel application so that SS needs to additionally support SCTP over DTLS. Actual application is not needed. SS probably send an arbitrary http packet, maybe containing some simple text after UE sends HTTP GET.

- Sub-cases: MT/MO

- UE side: BDC established and trigger Data Channel Application Retrieval. (Creating test mode control messages or AT command if needed)

- SS side: SCTP over DTLS, HTTP

5. IMS data channel associated with an IMS call (Voice, Video) to check if UE can support using data channel simultaneously with voice or video media.

- Sub-cases: MT/MO, before/after Voice/Video/Voice+Video call establishment.

- UE side: initial IMS DC establishment along with legacy IMS call. (Creating test mode control messages or AT command if needed)

- SS side: SCTP over DTLS, HTTP

3 Proposal

The following is proposed:

Proposal: RAN5 to approve the new WI of IMS data channel test cases shown as draft WID R5-233063.

**Discussion:**

AI

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

### 4.3 RAN5 PRDs/Templates

**R5-232032 RAN5#99 LS Template**

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

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

### 4.4 Meeting schedule for 2023-24

**R5-232033 Meeting schedule for 2023-24**

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

**Discussion:**

Wed 23.8. there will be a RAN5 celebration.

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

### 4.5 Tdocs for mid-week joint session

**R5-232021 Agenda - midweek session**

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

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

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

**R5-232520 NR NTN test frequencies for n255**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2766 Cat: F (Rel-17)  
  
 Source: Google*

**Abstract:**

AI 5.3.22.1

**Discussion:**

re-agreed in the joint on Wed.

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

**R5-232990 Correction to frequency range for ssb-PositionsInBurst**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2796 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

AI 5.4.1.4

**Discussion:**

joint session: reissued in RF as R5-23xx because of title change

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

**R5-233200 Discussion – Software Implementation of NR Applicability Specifications**

*Type: discussion For: Discussion  
 Source: Qualcomm CDMA Technologies*

**Abstract:**

3GPP Test Case Selection is a tedious process, due to complex nature of NR device options (NSA, SA, Verticals etc) and related UE capabilities. There is no uniform process to derive applicable tests in certification industry.

RAN5 Signaling Specifications are translated to TTCN code for further SW implementation of test suites, applicability and test environment by Test Equipment Vendors. This provides consistency and reliability in test ecosystem.

RAN5 Performance specifications, by their innate nature, are left to be implemented by Test Equipment Vendors. There are no RAN5 “checks” on implementation.

RAN5 has capability to provide partial or full SW implementation of applicable specifications.

Background – Overall Industry value:

3GPP Test Selection can be Automated per device capability providing uniformity across Industry

RAN5 Applicability and PICS definition Specifications are already in pseudo-code format, easily implementable in software i.e based on given input of PICS data, output the applicable tests.

Proposal-1 – SW implementation of SIG Applicability Specs:

- Test Case selection is currently limited to validating the tests prior to execution for the PICS support

- With Proposal-1, a new SW entity will generate the list of applicable tests. This new SW entity can be standalone or can also be used a plug-in for outside solutions (For ex – Test equipment vendor SW using RAN5 API’s)

Proposal 2 – SW implementation of TS 38.522 (RF, RRM, Demod):

TS 38.522 can be implemented in SW and added as part of RAN5 deliverable

With Proposal-2, a new SW entity will generate the list of applicable tests per device capability. This new SW entity can be standalone or can also be used a plug-in for outside solutions (For ex – Test equipment vendor SW using RAN5 API’s)

Proposal – Pro’s and Con’s:

Cons

Extra burden on RAN5 - $$, Scalability, Maintenance

Need long term commitment; representation and SW implementation

Difficult to implement non-implementable notes or exceptions, comments

Independent SW distribution vs TTCN style

Pro’s

Leaves no room for error in TC selection; benefits certification ecosystem by providing a degree of uniformity in test case selection

Improves clarity on what is applicable for a particular device type;

Helps overall Cert Ecosystem

Provides RAN5 applicability specification more meaning & accountability.

Summary/ Impact of proposals:

- TS 38.522, which includes applicability and selection expression is a binary spec and if implemented in SW shall result in consistent, reliable test case selections

- Overall Test Industry will greatly benefit from resulting output of TS 38.522 i.e Applicable tests for RF, RRM and Demod across Band, BW, CA and Branch Config.

- TS 38.523-1 and TS 34.229-2 Signaling applicability and test case selection can be implemented independently or with leverage from existing TTCN implementation.

- TS 38.508-2 also will have to translated in appropriate SW implementation to cater as input to Proposal-1 and Proposal-2.

- With Proposal-1 and Proposal-2 implemented in SW and delivered from RAN5 as standalone SW or as plugin/API’s, the test case selection can be made uniform.

- Continuous maintenance\release of these SW versions along with Specifications release

**Discussion:**

Bureau Veritas: the test industry had always their own formats. The Word format was always the weak point.

It has anyway to be input in excel.

So it is good to have a machine readable format.

If it comes from the standard, it would be very much helpful.

TF160 manager: in 38.508-2 we have the pics, and in 38.523-2. It takes usually 1 day to convert the data.

Rohde&Schwarz UK: TF160 uses already a similar process.

Anritsu UK commented about each SS vendor gets all the selection expressions.

->reuse applicability exploder by MCC

->dedicated AI at the next meeting

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

**R5-233675 Update to TS 38.508-1 clause 4.6.3-200BB for FR2 UL Gaps IE**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2807 rev 1 Cat: F (Rel-17)  
  
 Source: Apple Inc*

(Replaces R5-233257)

**Abstract:**

AI 5.3.34.1

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

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

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

#### 4.5.4 5GS

#### 4.5.5 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

**R5-232041 Reply LS on 15 dBm output power requirement for NS\_41**

*Type: LS in For: Information  
 Original outgoing LS: R4-2302693, to TSG RAN WG5, cc -  
 Source: TSG WG RAN4*

**Abstract:**

RAN4 appreciates the opportunity to provide feedback and clarification in support of RAN5’s test definition for NS\_41. The LS R5-227958 refers to “band n30 NS\_41” but RAN4 interprets this as a typographical error with the intention being NR Band n50 for NS\_41. RAN4 further comments the same note “This requirement shall be verified with UE transmission power of 15 dBm” is also present for E-UTRA Band 50 NS\_41, Band 51 NS\_40, and Band 74 NS\_38 and for NR Band n51 NS\_40 and Band n74 NS\_38. The feedback provided in this Reply LS is applicable to all of these bands and NS’s for both E-UTRA and NR.

RAN4’s intention for this spurious emissions requirement is the UE shall be able to meet an emission limit of -32 dBm when its transmission power is 15 dBm for “permitted” allocations. Permitted allocations are defined by starting RB and RB length (i.e., RBstart and LCRB) for which the emission limit is expected to be met with the UE transmitting at 15 dBm output power. These allocations have been identified by RAN4 as having zero A-MPR; in other words, these are allocations for which A-MPR is not allowed in 36.101 and 38.101-1 specifications. These allocations should be tested at 15 dBm output power to ensure compliance with the -32 dBm emission limit under the spurious emissions clause 6.6.3 of 36.101 and clause 6.5.3 of 38.101-1. One possible way to construct this test is to signal the PEMAX,c of 15 dB and issue repeated TPC “up” commands until the UE reaches its maximum power no higher than 15 dBm.

On the other hand, other allocations may require the UE to take A-MPR power backoff in excess of 8 dB from its maximum output power of 23 dB; in other words, the UE may not be able to reach 15 dBm output power for these other allocations while meeting the emission limit. For these other allocations, RAN4 has defined the corresponding A-MPR tables, an example of which was shown in R5-227958. These other allocations and their A-MPR can be tested under the UE maximum output power with additional requirements clause 6.2.4 of 38.101 and UE additional maximum output power reduction clause 6.2.3 of 38.101-1. The same method as described above signaling PEMAX,c of 15 dB repeated TPC “up” commands can be used here as well.

To more precisely align the RAN4 specification with the above understanding, RAN4 has agreed to CR’s (see attached) to modify the note to read “This requirement shall be verified with UE transmission power configured as high as possible but no higher than 15 dBm.”

With the above, RAN4 would like to provide the following responses to the questions from RAN5

Q1: Is option 1 or 2 above or any different interpretation the right one?

RAN4: Option 1 is the correct interpretation.

Q2: If option 1 is the correct one: Provide feedback on how to reach 15 dBm Tx power

RAN4: 15 dBm Tx power can be reached by issuing repeated TPC “up” commands. 15 dBm will not be exceeded by signaling PEMAX,c of 15 dB. It is recommended to test allocations with zero A-MPR for spurious emissions.

Q3: Provide feedback on whether RAN5 should include a test requirement that the UE Tx power shall not be more than 15 dBm when NS\_41 is signalled.

RAN4: This requirement does not apply and shall not be tested at power levels above 15 dBm as indicated by the corrected note.

2 Actions

To: RAN5 RAN4 invites RAN5 to take the above clarification and responses into consideration when defining the requirements associated with NS\_41, NS\_40, and NS\_38 for E-UTRA and NR.

**Discussion:**

moved to RF

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

**R5-232043 Reply LS on lower humidity limit in normal temperature test environment**

*Type: LS in For: Information  
 Original outgoing LS: R4-2303632, to TSG WG RAN5, cc -  
 Source: TSG WG RAN4*

**Abstract:**

RAN4 thanks RAN5 for the LS R5- 221604 on lower humidity limit in normal temperature test environment.

Regarding the following question from RAN5:

RAN WG5 respectfully requests RAN WG4 to provide the reason why the lower humidity limit in normal temperature test environment differs in GERAN/UTRA/E-UTRA/NR. Are there any detail considerations to keep the lower humidity limit for normal test environment?

RAN4 discussed the issue of lower humidity limit in normal temperature test environment for several meetings. After further check with the history of GSM/WCDMA/LTE specs, it is found that the lower humidity limit was first introduced into 3GPP TS 05.05 for radio transmission and reception of GSM/EDGE. The issue of humidity inconsistency among specifications does exist.

RAN4 concludes that the relative humidity for normal test conditions should be uniformly specified for E-UTRA/NR systems and decides to replace the inconsistent humidity range with relative humidity to “up to 75 %” in core specifications.

RAN4 has agreed the following changes to TS 38.101-1 and 38.101-2 in R4-2302504 and R4-2302505, respectively.

+15 ⁰C to +35 ⁰C For normal conditions (with relative humidity of 25 %up to 75 %)

-10 ⁰C to +55 ⁰C For extreme conditions (see IEC publications 68 2 1 and 68 2 2)

+ 25 ⁰C ± 10 ⁰C For normal (room temperature) conditions with relative humidity of 25 % up to 75 %

-10C to +55C For extreme conditions

2. Actions:

To RAN5: RAN4 asks RAN5 to take the above decisions in RAN4 into consideration in future work.

**Discussion:**

moved to RF

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

**R5-232046 Reply LS on FR2 RLM/BFD and beam sweeping from multiple directions**

*Type: LS in For: Information  
 Original outgoing LS: R4-2306390, to TSG WG RAN5, cc -  
 Source: TSG WG RAN4*

**Abstract:**

RAN4 appreciates the observations on FR2 RLM and BFD test cases explained in the LS R5-231830. RAN4 agrees with the RAN5 assessment that the purpose of AoA setup 3 to monitor multiple RLM-RS from different directions may not be fully achieved with the current test configurations. It is also RAN4 consensus that it is sufficient to have one test case which can reflect the aspect. With this consensus, RAN4 reached the following agreement in RAN4 #106-bis-e meeting:

Agreements:

• RAN4 is to swap the SNR levels of two configured RLM resources during T4 and T5 for RLM IS test cases

• RLM OOS test cases are not changed

Accordingly, RAN4 answers the questions asked in the LS R5-231830.

Q1: Can RLM FR2 test cases be revised to address the lack of testing coverage identified in this paper, (e.g. by changing the test parameters)?

A1: FR2 RLM In-syn test cases (A.5.5.1.2 and A.5.5.1.6, A.7.5.1.2 and A.7.5.1.6) will be revised such that SNR levels, during T4 and T5, of the configured two RLM resources are swapped in respective test cases.

Q2: Would BFD test cases /test definition ensure UE beam sweeping testing from different AoAs?

A2: As BFD test cases are defined based on AoA setup 1, the test case do not ensure UE beam sweeping ability and performance. The test configurations for BFD test cases are kept unchanged.

Note that the above conclusion is expected to be reflected in the corresponding test cases in RAN4 #107 meeting.

2 Actions

To RAN5: RAN4 asks RAN5 to take RAN4 feedback provided above into account.

**Discussion:**

moved to RF

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

**R5-232047 LS on clarification of test configurations for CA/DC MSD requirements**

*Type: LS in For: Action  
 Original outgoing LS: R4-2306591, to TSG WG RAN5, cc -  
 Source: TSG WG RAN4*

**Abstract:**

A vast amount of CA/DC band combinations have been introduced since Rel-15. As there is always new channel bandwidth(s) requests for NR bands, which result in an increasing number of bandwidth combination sets (BCSs) of the related NR-CA combinations to be introduced, RAN4 developed the BCS4 and BCS5 from Rel-17, which contain all possible defined channel bandwidths for each band in a band combination to avoid endless new BCSs to be specified.

Along with the development of BCS4 and BCS5, RAN4 also discussed and evolved the way of defining the reference sensitivity exceptions (MSD) tables for NR-CA in Rel-17 with the agreed guidance in R4-2210565 (WF on criteria on Rel-17 enhanced MSD table format), and it was agreed that similar principles could be applicable to EN-DC in terms of the evolution of MSD tables proceeding in Rel-18. Particularly, it is assumed that maximum two specified test configurations are expected for harmonic (direct-hit)/harmonic mixing/cross band isolation MSD requirements, wherein one is specified under worst case configuration which corresponds to the largest MSD, the other one is optionally specified and could be used to address proponent’s concern on specific CBW of interest.

With the limit of maximum two specified test configurations for each MSD type, RAN4 recognized that there is a possibility that the UE might not support the specified worst case configuration, or even not support any of the specified configurations due to the lack of support of the channel bandwidths specified in the test configurations.

Three scenarios considering the specified test configuration and UE supported BCSs are provided below:

For certain MSD mechanism of one band combination

1) UE supports the specified worst case configuration which corresponds to the largest MSD;

2) UE does not support the specified worst case configuration which corresponds to the largest MSD, but the second configuration (if specified) which is an optionally specified one;

3) UE does not support any of the specified configurations.

Give an example for above scenario 3) for better understanding, in which BCS 0/1/2 are introduced for CA\_X-Y with below configurations as well as two test configurations for cross band isolation are defined under BCS2 in RAN4 spec, while the UE only supports BCS0 for CA\_X-Y.

CBW for X is {5M,10M} BCS0

CBW for Y is {5M,10M}

CBW for X is {5M,10M,15M} BCS1

CBW for Y is {5M,10M,15M}

CBW for X is {5M,10M,15M, 20M} BCS2

CBW for Y is {5M,10M,15M, 20M}

RAN4 would like to respectfully ask RAN5 whether there is any issue on the conformance testing in the above 1) 2) 3) scenarios, and what method can be adopted by RAN5 if identified.

Additionally, the following principles as one possible future-proof methodology applicable to Rel-17 and onwards have been discussed in RAN4, which just provide some information on what RAN4 is thinking and no intention to have impact on RAN5’s decision.

For certain MSD mechanism of one band combination

1) In case UE supports the specified worst case configuration which corresponds to the largest MSD, this specified worst case configuration is supposed to be selected for conformance test;

2) In case UE does not support the specified worst case configuration which corresponds to the largest MSD, but the second configuration (if specified) which is an optionally defined one, the specified second configuration is supposed be selected for conformance test;

3) In case UE does not support any of the specified configurations, the worst case configuration the UE supported itself for this band combination could be selected as test configuration and should conform to the largest MSD specified.

2. Actions: RAN4 ask RAN5 to provide feedback for the identified conformance test issue.

**Discussion:**

moved to RF

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

**R5-233220 Discussion on lower humidity limit of test environment in RAN5**

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

**Abstract:**

associated with RAN4 response LS R5-232043.

**Discussion:**

AI?

Move to RF!

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

### 5.3 Open Work Items

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

##### 5.3.1.1 TS 38.508-1

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

**R5-232338 Addition of test frequencies for new EN-DC comb within FR2**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2757 Cat: F (Rel-17)  
  
 Source: KDDI Corporation*

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

**R5-232654 Update of NR inter-band CA configurations in FR1 for CA\_n3A-n8A**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2770 Cat: F (Rel-17)  
  
 Source: China Unicom*

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

**R5-232790 Addition of test frequencies of CA\_n39A-n41A config TC 4.3.1.1.2.1**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2786 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-232877 Addition of new CA configuration CA-n41A-n66A-n71A**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2787 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-232895 Addition of test frequency for new 3/4 band EN-DC comb**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2788 Cat: F (Rel-17)  
  
 Source: KT Corp.*

**Discussion:**

R5!

r1

**Decision:** The document was **revised to R5-233501**.

**R5-233501 Addition of test frequency for new 3/4 band EN-DC comb**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2788 rev 1 Cat: F (Rel-17)  
  
 Source: KT Corp.*

(Replaces R5-232895)

**Discussion:**

correct CR# in coversheet

**Decision:** The document was **revised to R5-233734**.

**R5-233734 Addition of test frequency for new 3/4 band EN-DC comb**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2788 rev 2 Cat: F (Rel-17)  
  
 Source: KT Corp.*

(Replaces R5-233501)

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

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

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

###### 5.3.1.1.4 Other clauses, Annexes

##### 5.3.1.2 TS 38.508-2

**R5-232108 Introduction of CA\_n28A-n78A for physical layer baseline implementation capabilities**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0451 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

should be merged into R5-233038

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

**R5-232363 Addition of UE capability for new EN-DC comb within FR2**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0458 Cat: F (Rel-17)  
  
 Source: KDDI Corporation*

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

**R5-232624 Update 38.508-2 for CA\_n2A-n5A and CA\_n2A-n48A**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0461 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

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

**R5-232655 Update of ICS baseline for CA\_n3A-n8A**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0462 Cat: F (Rel-17)  
  
 Source: China Unicom*

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

**R5-232793 Addition of CA\_n39A-n41A RF Baseline Implementation Capabilities**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0466 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-232875 Introduction of CA\_n5A-n66A and CA\_n41A-n66A-n71A.**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0472 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-232896 Update of Table A.4.3.2B.2.3.2-2 and A.4.3.2B.2.3.3-2 for new 3/4 band EN-DC comb**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0473 Cat: F (Rel-17)  
  
 Source: KT Corp.*

**Discussion:**

R5!

r1

**Decision:** The document was **revised to R5-233503**.

**R5-233503 Update of Table A.4.3.2B.2.3.2-2 and A.4.3.2B.2.3.3-2 for new 3/4 band EN-DC comb**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0473 rev 1 Cat: F (Rel-17)  
  
 Source: KT Corp.*

(Replaces R5-232896)

**Discussion:**

correct CR# in coversheet

**Decision:** The document was **revised to R5-233735**.

**R5-233735 Update of Table A.4.3.2B.2.3.2-2 and A.4.3.2B.2.3.3-2 for new 3/4 band EN-DC comb**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0473 rev 2 Cat: F (Rel-17)  
  
 Source: KT Corp.*

(Replaces R5-233503)

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

##### 5.3.1.3 TS 38.521-1

###### 5.3.1.3.1 Tx Requirements (Clause 6)

**R5-232109 Introduction of Output power requirements for CA\_n28A-n78A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2190 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**R5-232110 Introduction of additional maximum output power reduction for CA\_n28A-n78A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2191 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

TP analysis in R5-232114 (CR 0755)

**Decision:** The document was **revised to R5-233510**.

**R5-233510 Introduction of additional maximum output power reduction for CA\_n28A-n78A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2191 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232110)

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

**R5-232111 Introduction of General spurious emissions test requirements for CA\_n28A-n78A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2192 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

TP analysis in R5-232115 (CR) 0756

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

**R5-232112 Introduction of Spurious emissions for UE co-existence requirements for CA\_n28A-n78A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2193 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

TP analysis in R5-232115 (CR) 0756

**Discussion:**

should be merged into R5-232377

r1

**Decision:** The document was **revised to R5-233511**.

**R5-233511 Introduction of Spurious emissions for UE co-existence requirements for CA\_n28A-n78A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2193 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232112)

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

**R5-232113 Introduction of Spurious emissions for UE co-existence test requirements for CA\_n28A-n78A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2194 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

TP analysis in R5-232115 (CR) 0756

**Discussion:**

should be merged into R5-232377

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

**R5-232241 Update general spurious emissions for CA\_n2A-n77A, CA\_n5A-n77A, and CA\_n66A-n77A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2197 Cat: F (Rel-17)  
  
 Source: Verizon*

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

**R5-232413 Addition of general spurious emissions for CA\_n1A-n3A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2224 Cat: F (Rel-17)  
  
 Source: China Unicom*

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

**R5-232414 Addition of Spurious emissions for UE co-existence for CA\_n1A-n3A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2225 Cat: F (Rel-17)  
  
 Source: China Unicom*

**Discussion:**

conflicts with R5-232377

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

**R5-232625 Update 6.2A.4.0.2.3 for CA\_n2A-n5A and CA\_n2A-n48A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2235 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

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

**R5-232791 Update of delta TIB,c for CA\_n39A-n41A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2259 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-233166 Correction for CA\_n66A-n71A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2299 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

associated test point analysis update in CR R5-233167

**Discussion:**

0 bytes

r1

**Decision:** The document was **revised to R5-233532**.

**R5-233532 Correction for CA\_n66A-n71A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2299 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-233166)

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

###### 5.3.1.3.2 Rx Requirements (Clause 7)

**R5-232242 Update minimum requirement table for reference sensitivity exceptions and uplink/downlink configurations due to harmonic mixing from a PC3 aggressor**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2198 Cat: F (Rel-17)  
  
 Source: Verizon, Qualcomm, Ericsson*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233705**.

**R5-233705 Update minimum requirement table for reference sensitivity exceptions and uplink/downlink configurations due to harmonic mixing from a PC3 aggressor**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2198 rev 1 Cat: F (Rel-17)  
  
 Source: Verizon, Qualcomm, Ericsson*

(Replaces R5-232242)

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

**R5-232243 Update inter-band NR CA PC3 reference sensitivity test configuration and test requirement tables**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2199 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Qualcomm, Ericsson*

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

**R5-232276 Addition of refsence sensitivity for n28A-n77A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2203 Cat: F (Rel-17)  
  
 Source: KDDI Corporation*

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

**R5-232340 Update for CA\_n2A-n48A and CA\_n2A-n77A combos in section 7.3A.0**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2206 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

Core specs alignment

**Discussion:**

r1

**Decision:** The document was **revised to R5-233533**.

**R5-233533 Update for CA\_n2A-n48A and CA\_n2A-n77A combos in section 7.3A.0**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2206 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-232340)

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

**R5-232341 Corrections for certain FR1 combos in section 7.3A.1\_1**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2207 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-232411 Addition of 7.3A.1 for CA\_n1A-n8A and CA\_n3A-n8A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2222 Cat: F (Rel-17)  
  
 Source: CU Digital Technology*

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

**R5-232559 Correction UL RB configuration for CA\_n1-n3-n78**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2228 Cat: F (Rel-17)  
  
 Source: MediaTek Beijing Inc.*

**Decision:** The document was **revised to R5-233706**.

**R5-233706 Correction UL RB configuration for CA\_n1-n3-n78**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2228 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Beijing Inc.*

(Replaces R5-232559)

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

**R5-232792 Update of delta RIB,c for CA\_n39A-n41A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2260 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-232873 Editorial changes in Table 7.3A.1.5-1**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2267 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Editorial

**Decision:** The document was **revised to R5-233534**.

**R5-233534 Editorial changes in Table 7.3A.1.5-1**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2267 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-232873)

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

**R5-232874 Correction of delta RIB,c , Core spec alignment**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2268 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Core Spec al

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

**R5-232879 Addition of Delta RIB,c for CA\_n41A-n66A-n71A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2269 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Core Spec al

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

**R5-232880 Addition of CA\_n41A-n66A-n71A in Table 7.3A.2.5-1**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2270 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

###### 5.3.1.3.3 Clauses 1-5, Annexes

**R5-232408 General updates of clause 5 for R16 CADC configurations**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2219 Cat: F (Rel-17)  
  
 Source: CU Digital Technology, Ericsson, CMCC, Rohde&Schwarz*

**Discussion:**

overlap with R&S's R5-233172

r1

**Decision:** The document was **revised to R5-233535**.

**R5-233535 General updates of clause 5 for R16 CADC configurations**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2219 rev 1 Cat: F (Rel-17)  
  
 Source: CU Digital Technology, Ericsson, CMCC, Rohde&Schwarz*

(Replaces R5-232408)

**Discussion:**

reissued as R5-233555 to update title

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

**R5-233555 General updates of clause 5 for R16 CA configurations**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2312 Cat: F (Rel-17)  
  
 Source: CU Digital Technology, Ericsson, CMCC, Rohde&Schwarz*

**Abstract:**

reissued from R5-233535 to update title

**Discussion:**

CR# 2213 -> 2312!

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

##### 5.3.1.4 TS 38.521-2

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

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

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

##### 5.3.1.5 TS 38.521-3

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

**R5-232447 Addition of new CADC MOP TC**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1599 Cat: F (Rel-17)  
  
 Source: Intertek, CMCC*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233563**.

**R5-233563 Addition of new CADC MOP TC**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1599 rev 1 Cat: F (Rel-17)  
  
 Source: Intertek, CMCC*

(Replaces R5-232447)

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

**R5-232448 Addition of new CADC TC 6.3B.3.4\_1.1**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1600 Cat: F (Rel-17)  
  
 Source: Intertek, CMCC*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233564**.

**R5-233564 Addition of new CADC TC 6.3B.3.4\_1.1**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1600 rev 1 Cat: F (Rel-17)  
  
 Source: Intertek, CMCC*

(Replaces R5-232448)

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

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

**R5-232609 Update Ref sense for DC\_7A\_n66A DC\_7A\_n71A DC\_7A\_n77A and DC\_66A\_n25A**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1603 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

**Abstract:**

TP analysis is covered by R5-232608

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

**R5-233157 Update 7.3B.3.3.1 for R16 DC combos**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1617 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

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

**R5-233216 Corrections on test requirements for MSD due to dual uplink for EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1625 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

CMCC: contains also Rel-15 WIC changes!

split?

r1

**Decision:** The document was **revised to R5-233576**.

**R5-233576 Corrections on test requirements for MSD due to dual uplink for EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1625 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-233216)

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

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

**R5-233183 Update to R16 Configuration for DC**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1621 Cat: F (Rel-17)  
  
 Source: Bureau Veritas ADT, KDDI*

**Abstract:**

TS38.521-3 clause 5 jumbo CR for WIC "NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest"

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

##### 5.3.1.6 TS 38.521-4

###### 5.3.1.6.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.1.6.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.1.6.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.1.6.4 Clauses 1-4, Annexes

##### 5.3.1.7 TS 38.522

**R5-232789 Update to R16 NR CADC configuration test cases applicability**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0281 Cat: F (Rel-17)  
  
 Source: CMCC, Intertek, Rohde&Schwarz*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233736**.

**R5-233736 Update to R16 NR CADC configuration test cases applicability**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0281 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC, Intertek, Rohde&Schwarz*

(Replaces R5-232789)

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

##### 5.3.1.8 TS 38.533

##### 5.3.1.9 TR 38.903 (NR MU & TT analyses)

##### 5.3.1.10 TR 38.905 (NR Test Points Radio Transmission and Reception)

**R5-232114 Introduction of MOP test point analysis for CA\_n28A-n78A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0755 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Requirement CR in R5-232110 (CR 2191)

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

**R5-232115 Introduction of spurious emission TP analysis for CA\_n28A-n78A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0756 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Requirement CRs in R5-232111 (CR 2192), R5-232112 (CR 2193), R5-232113 (CR 2194)

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

**R5-232412 Update of spurious emission TP analysis for CA\_n1A-n3A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2223 Cat: F (Rel-17)  
  
 Source: China Unicom*

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

**R5-232424 Addition of spurious emission TP analysis for CA\_n1A-n3A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0763 Cat: F (Rel-17)  
  
 Source: China Unicom*

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

**R5-232608 Ref sensitivity TP selection for DC\_7A\_n66A DC\_7A\_n77A and DC\_66A\_n25A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0766 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

**Abstract:**

Test case update in R5-232609

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

**R5-232709 Addition of reference sensitivity test point analysis for n28A-n77A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0769 Cat: F (Rel-17)  
  
 Source: KDDI Corporation*

**Abstract:**

TP analysis R5-232276

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

**R5-232876 Editorial in Table 4.1.3.1-2**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0775 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Editorial

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

**R5-232878 Addition of CA\_n41A-n66A-n71A in sensitivity test case config table.**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0776 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-233167 Correction of test point analysis for CA\_n66A-n71A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0781 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

associated test case update in CR in R5-233166

**Discussion:**

r1

**Decision:** The document was **revised to R5-233530**.

**R5-233530 Correction of test point analysis for CA\_n66A-n71A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0781 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-233167)

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

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

**R5-233205 Discussion on simplification for inter-band 2UL co-existence test**

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

**Discussion:**

document noted. Lte alignment with ran4 spec needs to be handled as a discussion before CR. Nr discussions to wait for RAN4 conclusion

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

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

##### 5.3.2.1 TS 38.508-1

**R5-233091 Adding uplink CA test frequencies for CA\_n77(2A)**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2799 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

##### 5.3.2.2 TS 38.508-2

##### 5.3.2.3 TS 38.521-1

###### 5.3.2.3.1 Tx Requirements (Clause 6)

**R5-233092 Correction to test frequency description for intra-band UL non-contiguous CA**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2293 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-233093 Updating Transmit ON/OFF time mask for CA for intra-band non-contiguous CA**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2294 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TP in R5-233094

**Discussion:**

r2

**Decision:** The document was **revised to R5-233515**.

**R5-233515 Updating Transmit ON/OFF time mask for CA for intra-band non-contiguous CA**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2294 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233093)

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

**R5-233236 Clarification of UL Tx Switching in SA RF test case**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2310 Cat: F (Rel-17)  
  
 Source: Apple Inc*

**Abstract:**

Alignment with TS 38.101-1 V17.9.0

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

###### 5.3.2.3.2 Rx Requirements (Clause 7)

###### 5.3.2.3.3 Clauses 1-5, Annexes

##### 5.3.2.4 TS 38.521-3

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

**R5-233235 Clarification of UL Tx Switching in EN-DC RF test case**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1626 Cat: F (Rel-17)  
  
 Source: Apple Inc*

**Abstract:**

Alignment with TS 38.101-3 V17.9.0

**Discussion:**

r1

**Decision:** The document was **revised to R5-233738**.

**R5-233738 Clarification of UL Tx Switching in EN-DC RF test case**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1626 rev 1 Cat: F (Rel-17)  
  
 Source: Apple Inc*

(Replaces R5-233235)

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

###### 5.3.2.4.2 Rx Requirements (Clause 7)

###### 5.3.2.4.3 Clauses 1-5, Annexes

##### 5.3.2.5 TS 38.522

##### 5.3.2.6 TS 38.533

##### 5.3.2.7 TR 38.903 (NR MU & TT analyses)

##### 5.3.2.8 TR 38.905 (NR Test Points Radio Transmission and Reception)

**R5-233094 Updating TP analysis for Transmit ON/OFF time mask for CA**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0780 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC In R5-233093

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

##### 5.3.2.9 TS 36.521-3

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

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

#### 5.3.3 5G V2X with NR sidelink (UID-880069) 5G\_V2X\_NRSL\_eV2XARC-UEConTest

##### 5.3.3.1 TS 38.508-1

###### 5.3.3.1.1 Test frequencies (Clause 4.3.1)

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

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

###### 5.3.3.1.4 Other clauses, Annexes

##### 5.3.3.2 TS 38.508-2

##### 5.3.3.3 TS 38.509

##### 5.3.3.4 TS 38.521-1

###### 5.3.3.4.1 Tx Requirements (Clause 6)

**R5-232379 Correction of Spurious emissions for UE co-existence requirement in 6.5E.3.2**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2218 Cat: F (Rel-17)  
  
 Source: CAICT*

**Abstract:**

Discussion in R5-232374.

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

**R5-232825 Correction to Sidelink configuration for PSSCH/PSCCH**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2266 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

no changes are needed.

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

###### 5.3.3.4.2 Rx Requirements (Clause 7)

**R5-233207 Corrections on blocking characteristics requirements for V2X**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2304 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

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

**R5-233210 Corrections on intermodulation characteristics requirements for V2X**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2305 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

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

**R5-233211 Corrections on NR V2X reference sensitivity test requirements**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2306 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

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

**R5-233212 Corrections on NR V2X spurious response requirements**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2307 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

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

###### 5.3.3.4.3 Clauses 1-5, Annexes

##### 5.3.3.5 TS 38.521-3

###### 5.3.3.5.1 Tx Requirements (Clause 6)

**R5-232700 Addition of 6.5E.4 Transmit intermodulation for V2X**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1605 Cat: F (Rel-17)  
  
 Source: TTA*

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

###### 5.3.3.5.2 Rx Requirements (Clause 7)

###### 5.3.3.5.3 Clauses 1-5, Annexes

##### 5.3.3.6 TS 38.521-4

###### 5.3.3.6.1 V2X Requirements (Clause 11)

###### 5.3.3.6.2 Clauses 1-4, Annexes

##### 5.3.3.7 TS 38.522

##### 5.3.3.8 TS 38.533

##### 5.3.3.9 TS 36.509

##### 5.3.3.10 TR 38.903 (NR MU & TT analyses)

##### 5.3.3.11 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

#### 5.3.4 Cross Link Interference (CLI) handling for NR (UID-890047) NR\_CLI-UEConTest

##### 5.3.4.1 TS 38.508-1

##### 5.3.4.2 TS 38.508-2

**R5-232861 Addition of PICS for CLI test case**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0471 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

**Discussion:**

cl. aff.

r1

**Decision:** The document was **revised to R5-233505**.

**R5-233505 Addition of PICS for CLI test case**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0471 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

(Replaces R5-232861)

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

##### 5.3.4.3 TS 38.522

**R5-232860 Applicability update for CLI test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0285 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233731**.

**R5-233731 Applicability update for CLI test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0285 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

(Replaces R5-232860)

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

##### 5.3.4.4 TS 38.533

**R5-232656 Update to CLI tests 4.6.5.1 and 6.6.6.1 with TTs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2408 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

17.6.0!

r2

**Decision:** The document was **revised to R5-233648**.

**R5-233648 Update to CLI tests 4.6.5.1 and 6.6.6.1 with TTs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2408 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232656)

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

**R5-232658 Update to CLI tests 4.7.6.1 and 6.7.8.1 with TTs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2409 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

17.6.0!

r2

**Decision:** The document was **revised to R5-233649**.

**R5-233649 Update to CLI tests 4.7.6.1 and 6.7.8.1 with TTs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2409 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232658)

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

**R5-232678 Annex E and F updates for CLI-based test cases including TTs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2422 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

17.6.0!

r2

**Decision:** The document was **revised to R5-233650**.

**R5-233650 Annex E and F updates for CLI-based test cases including TTs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2422 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232678)

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

##### 5.3.4.5 TR 38.903 (NR MU & TT analyses)

**R5-232657 Addition of TT analysis for 4.6.5.1 and 6.6.6.1**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0526 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

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

**R5-232659 Addition of TT analysis for 4.7.6.1 and 6.7.8.1**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0527 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233646**.

**R5-233646 Addition of TT analysis for 4.7.6.1 and 6.7.8.1**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0527 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232659)

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

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

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

##### 5.3.5.1 TS 38.508-1

##### 5.3.5.2 TS 38.508-2

##### 5.3.5.3 TS 38.521-4

###### 5.3.5.3.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-232852 Updates to 10^-5 BLER PDSCH Demodulation test cases**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0674 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233732**.

**R5-233732 Updates to 10^-5 BLER PDSCH Demodulation test cases**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0674 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

(Replaces R5-232852)

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

**R5-233268 Correction to reportQuantity value for 1Tx URLLC CQI test cases**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0715 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

**Abstract:**

dependent CR R4-2307051

**Discussion:**

for email agreement

The RAN4 dependent CR R4-2307051 for R5-233268 has been revised to R4-2309881 which has been agreed.

r1

**Decision:** The document was **revised to R5-233770**.

**R5-233770 Correction to reportQuantity value for 1Tx URLLC CQI test cases**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0715 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

(Replaces R5-233268)

**Discussion:**

Email agreed

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

###### 5.3.5.3.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.5.3.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.5.3.4 Clauses 1-4, Annexes

##### 5.3.5.4 TS 38.522

##### 5.3.5.5 TR 38.903 (NR MU & TT analyses)

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

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

##### 5.3.6.1 TS 38.508-1

###### 5.3.6.1.1 Test frequencies (Clause 4.3.1)

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

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

###### 5.3.6.1.4 Other clauses, Annexes

##### 5.3.6.2 TS 38.508-2

**R5-232239 Update inter-band NR CA 3DL configurations of CA\_n2A-n5A-n77A, CA\_n2A-n66A-n77A, and CA\_n5A-n66A-n77A**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0454 Cat: F (Rel-17)  
  
 Source: Verizon*

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

**R5-232748 Update of physical layer baseline capabilities for CA\_n28A-n78A**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0465 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Associated with Rel-17 WI LTE\_NR\_Simult\_RxTx

**Discussion:**

r1

**Decision:** The document was **revised to R5-233504**.

**R5-233504 Update of physical layer baseline capabilities for CA\_n28A-n78A**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0465 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-232748)

**Discussion:**

reissued as R5-233529 to update CR title

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

**R5-233529 Update of physical layer baseline capabilities for CA\_n28A-n78A**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0465 rev 2 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

reissued from R5-233504 because of title change

"

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

**R5-232798 Addition of R17 new CA PC3 config RF Baseline Implementation Capabilities**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0468 Cat: F (Rel-17)  
  
 Source: CMCC*

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

##### 5.3.6.3 TS 38.521-1

###### 5.3.6.3.1 Tx Requirements (Clause 6)

**R5-232611 General SE for CA\_n5A-n48A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2230 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

**Abstract:**

TP analysis is covered by R5-232610

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

**R5-232612 TX SE\_Co\_exist for CA\_n5A-n48A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2231 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

**Abstract:**

TP analysis is covered in R5-232610

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

**R5-232614 Update 6.2A.1.1 for CA\_n5A-n48A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2233 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

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

**R5-232616 Update 6.2A.4.0.2.3 for CA\_n5A-n48A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2234 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

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

**R5-232796 Update of delta TIB,c for CA\_n28A-n41A-n79A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2262 Cat: F (Rel-17)  
  
 Source: CMCC*

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

###### 5.3.6.3.2 Rx Requirements (Clause 7)

**R5-232277 Addition of refsence sensitivity for n41A-n77A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2204 Cat: F (Rel-17)  
  
 Source: KDDI Corporation*

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

**R5-232613 Update 7.3A.1 for CA\_n5A-n48A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2232 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

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

**R5-232797 Update of delta RIB,c for CA\_n28A-n41A-n79A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2263 Cat: F (Rel-17)  
  
 Source: CMCC*

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

###### 5.3.6.3.3 Clauses 1-5, Annexes

**R5-232409 General updates of clause 5 for R17 CADC configurations**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2220 Cat: F (Rel-17)  
  
 Source: CU Digital Technology, Qualcomm*

**Discussion:**

reissued as R5-233556 to update title

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

**R5-233556 General updates of clause 5 for R17 CA configurations**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2313 Cat: F (Rel-17)  
  
 Source: CU Digital Technology, Qualcomm*

**Abstract:**

reissued from R5-232409 to update title

**Discussion:**

CR# 2214 -> 2313!

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

**R5-232749 Update of applicability of simultaneous RxTx capability for CA\_n28-n79**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2255 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Associated with Rel-17 WI LTE\_NR\_Simult\_RxTx

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

**R5-232897 Update of applicability of simultaneous RxTx capability for CA\_n28-n79**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2271 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Associated with Rel-17 WI LTE\_NR\_Simult\_RxTx

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

**R5-233213 Corrections on supported channel bandwidths for SUL configurations**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2308 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

RAN4#106bis-e endorsed

R4-2304737??

**Decision:** The document was **revised to R5-233536**.

**R5-233536 Corrections on supported channel bandwidths for SUL configurations**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2308 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-233213)

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

##### 5.3.6.4 TS 38.521-2

###### 5.3.6.4.1 Tx Requirements (Clause 6)

###### 5.3.6.4.2 Rx Requirements (Clause 7)

###### 5.3.6.4.3 Clauses 1-5, Annexes

##### 5.3.6.5 TS 38.521-3

###### 5.3.6.5.1 Tx Requirements (Clause 6)

**R5-232349 Editorial update Tx spurious co-existence for DC\_71A\_n2A**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1594 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

Editorial

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

**R5-232365 Correction to spurious emissions test cases for 21A\_n28A**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1596 Cat: F (Rel-17)  
  
 Source: DOCOMO Communications Lab.*

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

###### 5.3.6.5.2 Rx Requirements (Clause 7)

**R5-232772 Addition of reference sensitivity for 21A\_n28A**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1608 Cat: F (Rel-17)  
  
 Source: DOCOMO Communications Lab.*

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

###### 5.3.6.5.3 Clauses 1-5, Annexes

**R5-233184 Update to R17 Configuration for DC**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1622 Cat: F (Rel-17)  
  
 Source: Bureau Veritas ADT*

**Abstract:**

TS38.521-3 clause 5 jumbo CR for WIC "NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest"

**Discussion:**

late doc

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

##### 5.3.6.6 TS 38.521-4

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

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

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

###### 5.3.6.6.4 Clauses 1-4, Annexes

##### 5.3.6.7 TS 38.522

**R5-232799 Update to R17 NR CADC configuration test cases applicability**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0282 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

late doc

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

##### 5.3.6.8 TS 38.533

##### 5.3.6.9 TR 38.903 (NR MU & TT analyses)

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

**R5-232364 Correction to spurious emissions TP analysis for 21A\_n28A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0762 Cat: F (Rel-17)  
  
 Source: DOCOMO Communications Lab.*

**Decision:** The document was **revised to R5-233512**.

**R5-233512 Correction to spurious emissions TP analysis for 21A\_n28A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0762 rev 1 Cat: F (Rel-17)  
  
 Source: DOCOMO Communications Lab.*

(Replaces R5-232364)

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

**R5-232610 Spur\_TpAnalysis for CA\_n5A\_n48A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0767 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

**Abstract:**

Test case updates covered by R5-232611 and R5-232612

**Discussion:**

TLS #97 2022!

r1

**Decision:** The document was **revised to R5-233513**.

**R5-233513 Spur\_TpAnalysis for CA\_n5A\_n48A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0767 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

(Replaces R5-232610)

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

**R5-232718 Addition of reference sensitivity test point analysis for DC\_21A\_n28A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0770 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO INC.*

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

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

#### 5.3.7 NR Positioning Support (UID-900057) NR\_pos-UEConTest

##### 5.3.7.1 TS 38.508-1

###### 5.3.7.1.1 Test frequencies (Clause 4.3.1)

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

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

###### 5.3.7.1.4 Other clauses, Annexes

##### 5.3.7.2 TS 38.508-2

##### 5.3.7.3 TS 37.571-1

**R5-232079 Correction to PRS-RSRP test cases 16.3.2**

*Type: CR For: Agreement  
 37.571-1 v17.0.0 CR-0407 Cat: F (Rel-17)  
  
 Source: CATT*

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

**R5-232080 Addition of NR PRS-based measurement requirements for PRS-RSRP accuracy test case**

*Type: CR For: Agreement  
 37.571-1 v17.0.0 CR-0408 Cat: F (Rel-17)  
  
 Source: CATT*

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

**R5-232430 Completion 16.2.1 with TT analysis results**

*Type: CR For: Agreement  
 37.571-1 v17.0.0 CR-0410 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

**Abstract:**

TT analysis results in R5-232427

**Discussion:**

r1

**Decision:** The document was **revised to R5-233651**.

**R5-233651 Completion 16.2.1 with TT analysis results**

*Type: CR For: Agreement  
 37.571-1 v17.0.0 CR-0410 rev 1 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

(Replaces R5-232430)

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

**R5-232431 Completion 16.2.2 with TT analysis results**

*Type: CR For: Agreement  
 37.571-1 v17.0.0 CR-0411 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

**Abstract:**

TT analysis results in R5-232428

**Discussion:**

r1

**Decision:** The document was **revised to R5-233652**.

**R5-233652 Completion 16.2.2 with TT analysis results**

*Type: CR For: Agreement  
 37.571-1 v17.0.0 CR-0411 rev 1 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

(Replaces R5-232431)

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

**R5-232432 Completion 16.3.1 with TT analysis results**

*Type: CR For: Agreement  
 37.571-1 v17.0.0 CR-0412 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

TT analysis results in R5-232429

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

**R5-232438 Annex C updated for PRS-RSRP TT results**

*Type: CR For: Agreement  
 37.571-1 v17.0.0 CR-0416 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

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

**R5-232710 Completion 16.3.1 with TT analysis results**

*Type: CR For: Agreement  
 37.571-1 v17.0.0 CR-0417 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

TT analysis results in R5-23xxxx

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

##### 5.3.7.4 TS 37.571-3

**R5-232439 Test applicability for PRS-RSRP test cases**

*Type: CR For: Agreement  
 37.571-3 v17.0.0 CR-0162 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

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

##### 5.3.7.5 TS 37.571-5

##### 5.3.7.6 TR 38.903 (NR MU & TT analyses)

**R5-232078 TT analysis for positioning test case 16.3.2**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0503 Cat: F (Rel-17)  
  
 Source: CATT*

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

**R5-232427 TT analysis for TC 16.2.1**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0514 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

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

**R5-232428 TT analysis for TC 16.2.2**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0515 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

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

**R5-232429 TT analysis for TC 16.3.1**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0516 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

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

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

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

##### 5.3.8.1 TS 38.508-1

##### 5.3.8.2 TS 38.508-2

**R5-233031 Adding PICS for enhanced beam correspondence**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0477 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

##### 5.3.8.3 TS 38.521-2

###### 5.3.8.3.1 Tx Requirements (Clause 6)

**R5-233030 Update to test applicability and side condition of beam correspondence**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0938 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233717**.

**R5-233717 Update to test applicability and side condition of beam correspondence**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0938 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233030)

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

**R5-233192 Update to connection diagram of Spurious Emissions with Power Boost test cases**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0943 Cat: F (Rel-17)  
  
 Source: Bureau Veritas ADT, Qualcomm*

**Discussion:**

connection diagram not applicable for this CR

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

###### 5.3.8.3.2 Rx Requirements (Clause 7)

**R5-233260 Updates to FR2 CA Refsens tests**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0952 Cat: F (Rel-17)  
  
 Source: Apple Inc*

**Abstract:**

Associated discussion paper in R5-233263

**Discussion:**

late doc

r2

**Decision:** The document was **revised to R5-233560**.

**R5-233560 Updates to FR2 CA Refsens tests**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0952 rev 1 Cat: F (Rel-17)  
  
 Source: Apple Inc*

(Replaces R5-233260)

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

**R5-233261 Updates to FR2 CA EIS Sph Cov tests**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0953 Cat: F (Rel-17)  
  
 Source: Apple Inc*

**Abstract:**

Associated discussion paper in R5-233263

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-233559**.

**R5-233559 Updates to FR2 CA EIS Sph Cov tests**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0953 rev 1 Cat: F (Rel-17)  
  
 Source: Apple Inc*

(Replaces R5-233261)

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

**R5-233262 Updates to FR2 CA Max Input Level tests**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0954 Cat: F (Rel-17)  
  
 Source: Apple Inc*

**Abstract:**

Associated discussion paper in R5-233263

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-233561**.

**R5-233561 Updates to FR2 CA Max Input Level tests**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0954 rev 1 Cat: F (Rel-17)  
  
 Source: Apple Inc*

(Replaces R5-233262)

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

###### 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)

**R5-233190 Additional editors note to Power Boost relevant test cases**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1623 Cat: F (Rel-17)  
  
 Source: Bureau Veritas ADT*

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

###### 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

**R5-233032 Update to test applicability of beam correspondence**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0289 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

##### 5.3.8.6 TR 38.903 (NR MU & TT analyses)

##### 5.3.8.7 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

**R5-233263 Discussion paper on Rel16 FR2 RF CA tests**

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

**Abstract:**

Associated CRs R5-233260, R5-233261, R5-233262

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

#### 5.3.9 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

##### 5.3.9.1 TS 38.508-1

##### 5.3.9.2 TS 38.508-2

##### 5.3.9.3 TS 38.521-3

###### 5.3.9.3.1 Tx Requirements (Clause 6)

**R5-232105 Introduction of DC\_1A\_n79A PC2 MOP test requirements**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1588 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO INC.*

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

**R5-232257 Introduction of DC\_3A\_n79A PC2 MOP test requirements**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1591 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO INC.*

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

**R5-232259 Introduction of DC\_19A\_n79A PC2 MOP test requirements**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1592 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO INC.*

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

**R5-232260 Introduction of DC\_21A\_n79A PC2 MOP test requirements**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1593 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO INC.*

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

**R5-232383 Correction of the DC\_28A\_n78A PC2 MOP test requirements**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1598 Cat: F (Rel-17)  
  
 Source: ETSI MCC (NTT DOCOMO INC.)*

**Abstract:**

This is a fix of the approved R5-231688 CR# 1574 rev 1.

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

###### 5.3.9.3.2 Rx Requirements (Clause 7)

**R5-232226 Update PC2 MSD minimum requirements and test requirements for DC\_2A\_n77A, DC\_13A\_n77A, and DC\_66A\_n77A**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1590 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233703**.

**R5-233703 Update PC2 MSD minimum requirements and test requirements for DC\_2A\_n77A, DC\_13A\_n77A, and DC\_66A\_n77A**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1590 rev 1 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG*

(Replaces R5-232226)

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

###### 5.3.9.3.3 Clauses 1-5, Annexes

##### 5.3.9.4 TS 38.521-4

###### 5.3.9.4.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.9.4.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.9.4.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.9.4.4 Clauses 1-4, Annexes

##### 5.3.9.5 TS 38.522

##### 5.3.9.6 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

#### 5.3.10 NR-based access to unlicensed spectrum (UID-911003) NR\_unlic-UEConTest

##### 5.3.10.1 TS 38.508-1

###### 5.3.10.1.1 Test frequencies (Clause 4.3.1)

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

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

###### 5.3.10.1.4 Other clauses, Annexes

##### 5.3.10.2 TS 38.508-2

##### 5.3.10.3 TS 38.509

##### 5.3.10.4 TS 38.521-1

###### 5.3.10.4.1 Tx Requirements (Clause 6)

**R5-232343 TT and editor note update in NR-U Tx test cases for FR1 bands above 6GHz**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2208 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

"RF AP#97.21; Discussion paper R5-232342

Author confirmed no 3GU Issues, Clauses affected are actually present in CR cover; Author confirmed no overlap/conflicts"

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

**R5-232579 Addition of test case 6.5F.2.4.2, Shared spectrum channel access ACLR with additional requirement for NS\_29**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2229 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-232695 Update 6.5F.3.1 General SE for NR-U**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2238 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

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

**R5-232697 Update 6.5F.2.4.1 ACLR for NR-U**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2239 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

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

###### 5.3.10.4.2 Rx Requirements (Clause 7)

**R5-232344 TT and editor note update in NR-U Rx test cases for FR1 bands above 6GHz**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2209 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

"RF AP#97.21; Discussion paper R5-232342

Author confirmed no 3GU Issues, Clauses affected are actually present in CR cover"

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

**R5-232636 Update 7.1 for NR-U**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2236 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

**Abstract:**

Core requirement alignment

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

###### 5.3.10.4.3 Clauses 1-5, Annexes

**R5-232345 MU and TT definition for FR1 bands above 6GHz - Annex F update**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2210 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Decision:** The document was **revised to R5-233531**.

**R5-233531 MU and TT definition for FR1 bands above 6GHz - Annex F update**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2210 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-232345)

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

**R5-232637 Update 5.2 note 14 for NR-U**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2237 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

**Abstract:**

Core requirement alignment

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

##### 5.3.10.5 TS 38.521-3

###### 5.3.10.5.1 Tx Requirements (Clause 6)

###### 5.3.10.5.2 Rx Requirements (Clause 7)

###### 5.3.10.5.3 Clauses 1-5, Annexes

##### 5.3.10.6 TS 38.521-4

###### 5.3.10.6.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-232865 Addition of TDD FR1 single carrier CQI reporting test cases on band with shared spectrum access**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0685 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

**Decision:** The document was **revised to R5-233600**.

**R5-233600 Addition of TDD FR1 single carrier CQI reporting test cases on band with shared spectrum access**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0685 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

(Replaces R5-232865)

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

**R5-232866 Addition of TDD FR1 carrier aggregation CQI reporting test cases on band with shared spectrum access**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0686 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

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

###### 5.3.10.6.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.10.6.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.10.6.4 Clauses 1-4, Annexes

##### 5.3.10.7 TS 38.522

**R5-232580 Addition of applicability for test case 6.5F.2.4.2**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0276 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

##### 5.3.10.8 TS 38.533

**R5-232663 Addition of NR-U EN-DC SS-RSRP measurement performance test cases**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2411 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

17.6.0!

r1

**Decision:** The document was **revised to R5-233621**.

**R5-233621 Addition of NR-U EN-DC SS-RSRP measurement performance test cases**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2411 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232663)

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

**R5-232664 Update to NR-U frequency bands**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2412 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

17.6.0!

r1

**Decision:** The document was **revised to R5-233622**.

**R5-233622 Update to NR-U frequency bands**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2412 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232664)

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

**R5-232665 Addition of NR-U SA SS-RSRP measurement performance test cases**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2413 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

17.6.0!

r1

**Decision:** The document was **revised to R5-233623**.

**R5-233623 Addition of NR-U SA SS-RSRP measurement performance test cases**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2413 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232665)

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

##### 5.3.10.9 TR 38.903 (NR MU & TT analyses)

##### 5.3.10.10 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

**R5-232342 Derive MU for FR1 bands above 6GHz - AP97.21**

*Type: discussion For: Endorsement  
 38.521-1 v..  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

CRs • R5-232343, R5-232344, R5-232345

**Discussion:**

Anritsu needs more time to check the MU values.

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

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

##### 5.3.11.1 TS 38.508-1

###### 5.3.11.1.1 Test frequencies (Clause 4.3.1)

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

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

###### 5.3.11.1.4 Other clauses, Annexes

##### 5.3.11.2 TS 38.508-2

##### 5.3.11.3 TS 38.521-1

###### 5.3.11.3.1 Tx Requirements (Clause 6)

###### 5.3.11.3.2 Rx Requirements (Clause 7)

###### 5.3.11.3.3 Clauses 1-5, Annexes

##### 5.3.11.4 TS 38.522

**R5-232273 Completion of applicability for DC\_CA test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0271 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233686**.

**R5-233686 Completion of applicability for DC\_CA test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0271 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232273)

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

##### 5.3.11.5 TS 38.533

**R5-232227 Completion of EN-DC FR1 direct SCell activation test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2357 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Depending on RAN4 TDoc R4-2307240

**Discussion:**

r1

**Decision:** The document was **revised to R5-233747**.

**R5-233747 Completion of EN-DC FR1 direct SCell activation test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2357 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232227)

**Discussion:**

for email agreement

RAN4 TDoc agreed.

Email agreed

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

**R5-232228 Completion of SA FR1 direct SCell activation test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2358 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Depending on RAN4 TDoc R4-2307240

**Discussion:**

r1

**Decision:** The document was **revised to R5-233748**.

**R5-233748 Completion of SA FR1 direct SCell activation test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2358 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232228)

**Discussion:**

for email agreement

RAN4 TDoc agreed.

Email agreed

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

**R5-232229 Completion of SA FR2 direct SCell activation at handover test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2359 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Anritsu*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233604**.

**R5-233604 Completion of SA FR2 direct SCell activation at handover test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2359 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Anritsu*

(Replaces R5-232229)

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

**R5-232230 Completition SA FR1 direct SCell activation at handover test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2360 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Depending on RAN4 TDoc R4-2307240

**Discussion:**

r1

**Decision:** The document was **revised to R5-233749**.

**R5-233749 Completition SA FR1 direct SCell activation at handover test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2360 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232230)

**Discussion:**

for email agreement

RAN4 TDoc agreed.

Email agreed

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

**R5-232231 Completion of SA FR2 direct SCell activation test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2361 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233605**.

**R5-233605 Completion of SA FR2 direct SCell activation test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2361 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232231)

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

**R5-232232 Completion of ENDC FR2 direct SCell activation test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2362 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233606**.

**R5-233606 Completion of ENDC FR2 direct SCell activation test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2362 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232232)

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

##### 5.3.11.6 TR 38.903 (NR MU & TT analyses)

**R5-232271 Addition of test tolerance analysis for test Case of 4.5.3.5 EN-DC FR1 direct SCell activation and test Case of 6.5.3.4 NR SA FR1 direct SCell activation**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0510 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

CR#

r2

**Decision:** The document was **revised to R5-233750**.

**R5-233750 Addition of test tolerance analysis for test Case of 4.5.3.5 EN-DC FR1 direct SCell activation and test Case of 6.5.3.4 NR SA FR1 direct SCell activation**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0510 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232271)

**Discussion:**

for email agreement

RAN4 TDoc agreed.

Email agreed

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

**R5-232272 Grouping of test tolerance analysis for test Case 5.5.3.7 with 5.5.3.1**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0511 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r4

**Decision:** The document was **revised to R5-233653**.

**R5-233653 Grouping of test tolerance analysis for test Case 5.5.3.7 with 5.5.3.1**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0511 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232272)

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

##### 5.3.11.7 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

#### 5.3.12 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

##### 5.3.12.1 TS 38.508-1

##### 5.3.12.2 TS 38.508-2

**R5-232240 Update inter-band NR CA PC2 configurations of CA\_n2A-n77A, CA\_n5A-n77A, and CA\_n66A-n77A**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0455 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233508**.

**R5-233508 Update inter-band NR CA PC2 configurations of CA\_n2A-n77A, CA\_n5A-n77A, and CA\_n66A-n77A**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0455 rev 1 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG*

(Replaces R5-232240)

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

**R5-232795 Addition of R17 new CA PC2 configs RF Baseline Implementation Capabilities**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0467 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233509**.

**R5-233509 Addition of R17 new CA PC2 configs RF Baseline Implementation Capabilities**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0467 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-232795)

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

##### 5.3.12.3 TS 38.521-1

###### 5.3.12.3.1 Tx Requirements (Clause 6)

**R5-232244 Update inter-band NR CA PC2 MOP configurations for 2UL CA\_n2A-n77A, CA\_n5A-n77A, and CA\_n66A-n77A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2200 Cat: F (Rel-17)  
  
 Source: Verizon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233538**.

**R5-233538 Update inter-band NR CA PC2 MOP configurations for 2UL CA\_n2A-n77A, CA\_n5A-n77A, and CA\_n66A-n77A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2200 rev 1 Cat: F (Rel-17)  
  
 Source: Verizon*

(Replaces R5-232244)

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

**R5-233102 Updating MOP for PC2 configuration CA\_n78C**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2297 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-233103 Updating MPR for PC2 configuration CA\_n78C**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2298 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

###### 5.3.12.3.2 Rx Requirements (Clause 7)

**R5-232245 Update inter-band NR CA PC2 reference sensitivity minimum requirements for a few 2DL band configurations**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2201 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Qualcomm, Ericsson*

**Discussion:**

r3

**Decision:** The document was **revised to R5-233711**.

**R5-233711 Update inter-band NR CA PC2 reference sensitivity minimum requirements for a few 2DL band configurations**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2201 rev 1 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Qualcomm, Ericsson*

(Replaces R5-232245)

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

**R5-232246 Update PC2 information for 2DL test configuration exception table and test requirement table for a few NR CA 2DL 2UL combos**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2202 Cat: F (Rel-17)  
  
 Source: Verizon, Qualcomm, Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233712**.

**R5-233712 Update PC2 information for 2DL test configuration exception table and test requirement table for a few NR CA 2DL 2UL combos**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2202 rev 1 Cat: F (Rel-17)  
  
 Source: Verizon, Qualcomm, Ericsson*

(Replaces R5-232246)

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

**R5-232794 Addition of R17 new CA PC2 configs for Ref sens exceptions TC 7.3A.0**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2261 Cat: F (Rel-17)  
  
 Source: CMCC, Verizon*

**Discussion:**

Revise MSD PC2 table number as per China Unicom suggestion

r2

**Decision:** The document was **revised to R5-233539**.

**R5-233539 Addition of R17 new CA PC2 configs for Ref sens exceptions TC 7.3A.0**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2261 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC, Verizon*

(Replaces R5-232794)

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

###### 5.3.12.3.3 Clauses 1-5, Annexes

##### 5.3.12.4 TS 38.522

##### 5.3.12.5 TR 38.905 (NR Test Points Radio Transmission and Reception)

**R5-232247 Update inter-band NR CA reference sensitivity exception cases due to UL PC2**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0758 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Qualcomm, Ericsson*

**Discussion:**

-1

r2

**Decision:** The document was **revised to R5-233713**.

**R5-233713 Update inter-band NR CA reference sensitivity exception cases due to UL PC2**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0758 rev 1 Cat: F (Rel-17)  
  
 Source: Verizon Switzerland AG, Qualcomm, Ericsson*

(Replaces R5-232247)

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

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

#### 5.3.13 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

##### 5.3.13.1 TS 38.508-2

##### 5.3.13.2 TS 38.521-3

###### 5.3.13.2.1 Tx Requirements (Clause 6)

###### 5.3.13.2.2 Rx Requirements (Clause 7)

###### 5.3.13.2.3 Clauses 1-5, Annexes

##### 5.3.13.3 TS 38.522

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

#### 5.3.14 High power UE (power class 2) for NR band n39 (UID-930054) NR\_UE\_PC2\_n39-UEConTest

##### 5.3.14.1 TS 38.508-2

##### 5.3.14.2 TS 38.521-1

###### 5.3.14.2.1 Tx Requirements (Clause 6)

**R5-232802 Update for PC2 PC3 n39 A-MPR**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2264 Cat: F (Rel-17)  
  
 Source: CMCC, Huawei*

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-233721**.

**R5-233721 Update for PC2 PC3 n39 A-MPR**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2264 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC, Huawei*

(Replaces R5-232802)

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

**R5-232804 Update for PC2 n39 A-SE**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2265 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

late doc

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

###### 5.3.14.2.2 Rx Requirements (Clause 7)

###### 5.3.14.2.3 Clauses 1-5, Annexes

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

#### 5.3.15 Additional NR bands for UL-MIMO in Rel-17 (UID-940090) NR\_bands\_UL\_MIMO\_PC3\_R17-UEConTest

##### 5.3.15.1 TS 38.508-1

###### 5.3.15.1.1 Test frequencies (Clause 4.3.1)

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

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

###### 5.3.15.1.4 Other clauses, Annexes

##### 5.3.15.2 TS 38.508-2

**R5-232731 Addition of NR FR1 bands with UL MIMO capabilities**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0464 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

##### 5.3.15.3 TS 38.521-1

###### 5.3.15.3.1 Tx Requirements (Clause 6)

**R5-232732 Addition of new test case 6.2D.2\_1 UE MPR for SUL with UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2243 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232733 Addition of new test case 6.2D.3\_1 UE A-MPR for SUL with UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2244 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232734 Addition of new test case 6.4D.2.2\_1 Carrier leakage for SUL with UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2245 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232735 Addition of new test case 6.4D.2.3\_1 In-band emissions for SUL with UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2246 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232736 Addition of new test case 6.5D.2.4.1\_1 NR ACLR for SUL with UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2247 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232737 Addition of new test case 6.5D.2.4.2\_1 UTRA ACLR for SUL with UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2248 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232738 Addition of new test case 6.5D.3\_2.1 General spurious emissions**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2249 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232739 Addition of new test case 6.5D.3\_2.2 Spurious emissions for UE co-existence**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2250 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232740 Addition of new test case 6.5D.3\_2.3 Additional spurious emissions**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2251 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-233100 Updating test case AMPR for UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2295 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-233101 Updating PUCCH configuration in Aggregate power tolerance for SUL with UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2296 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

###### 5.3.15.3.2 Rx Requirements (Clause 7)

###### 5.3.15.3.3 Clauses 1-5, Annexes

**R5-232741 Addition of Annex F for new test cases for SUL with UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2252 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

##### 5.3.15.4 TS 38.522

**R5-232742 Addition of test applicability for SUL test cases with UL MIMO**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0278 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

##### 5.3.15.5 TR 38.905 (NR Test Points Radio Transmission and Reception)

**R5-232803 TP analysis for PC2 PC3 n39 A-MPR and A-SE**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0773 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233516**.

**R5-233516 TP analysis for PC2 PC3 n39 A-MPR and A-SE**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0773 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-232803)

**Decision:** The document was **revised to R5-233528**.

**R5-233528 TP analysis for PC2 PC3 n39 A-MPR and A-SE**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0773 rev 2 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-233516)

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

**R5-232805 TP analysis for PC2 n39 A-SE**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0774 Cat: F (Rel-17)  
  
 Source: CMCC*

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

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

#### 5.3.16 UE RF requirements for Transparent Tx Diversity (TxD) for NR (UID-940092) NR\_RF\_TxD-UEConTest

##### 5.3.16.1 TS 38.508-1

**R5-232723 Correction to default P-Max value for Power Class 1.5 UEs**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2781 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

##### 5.3.16.2 TS 38.508-2

##### 5.3.16.3 TS 38.521-1

###### 5.3.16.3.1 Tx Requirements (Clause 6)

**R5-232378 Correction of Spurious emissions for UE co-existence requirement in 6.5G.3.2**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2217 Cat: F (Rel-17)  
  
 Source: CAICT*

**Abstract:**

Discussion in R5-232374.

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

**R5-232724 Update of 6.4G.2.4 EVM equalizer spectrum flatness for Tx Diversity**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2240 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233720**.

**R5-233720 Update of 6.4G.2.4 EVM equalizer spectrum flatness for Tx Diversity**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2240 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-232724)

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

**R5-232725 Update of 6.5G.2.3.1 NR ACLR for checking TxD capability**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2241 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

"test procedure to cehck rrc cap is not possible in rf

38.522 is missing

defer for more discussion how to introduce pics for this test in test applicability

plan to add into SIG test cases"

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

**R5-233173 Correction of ON/OFF time mask for Tx Diversity**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2301 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233540**.

**R5-233540 Correction of ON/OFF time mask for Tx Diversity**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2301 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-233173)

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

###### 5.3.16.3.2 Rx Requirements (Clause 7)

###### 5.3.16.3.3 Clauses 1-5, Annexes

**R5-232726 Addition of abbreviation and clause 4 general description for Tx diversity**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2242 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

##### 5.3.16.4 TS 38.522

##### 5.3.16.5 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

#### 5.3.17 Introduction of FR2 FWA (Fixed Wireless Access) UE with maximum TRP (Total Radiated Power) of 23dBm for band n257 and n258 (UID-950062) NR\_FR2\_FWA\_Bn257\_Bn258-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)

**R5-232159 PC5 - MOP test cases update in 38.521-2**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0915 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

overlap with R5-232622.

r1

**Decision:** The document was **revised to R5-233631**.

**R5-233631 PC5 - MOP test cases update in 38.521-2**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0915 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-232159)

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

###### 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 TS 38.533

##### 5.3.17.7 TR 38.903 (NR MU & TT analyses)

**R5-232160 PC5 MU - definition for MOP test cases in 38.903**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0505 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

TEI15\_Test, 5GS\_NR\_LTE-UEConTest?

r1

**Decision:** The document was **revised to R5-233632**.

**R5-233632 PC5 MU - definition for MOP test cases in 38.903**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0505 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-232160)

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

##### 5.3.17.8 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

**R5-232158 On FR2 PC5 MU analysis**

*Type: discussion For: Endorsement  
 38.521-2 v..  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

CRs • R5-232159 , R5-232160, R5-232161

**Discussion:**

"Associated CRs R5-232159, R5-232160, R5-232161

5/23:

Moderator (AT&T): No comments received to date. This paper can be noted and Proposals 1 and 2 can be endorsed.

Noted and Proposal 1 and 2 are endorsed"

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

#### 5.3.18 NR coverage enhancements (UID-950063) NR\_cov\_enh-UEConTest

##### 5.3.18.1 TS 38.508-1

##### 5.3.18.2 TS 38.508-2

##### 5.3.18.3 TS 38.521-1

###### 5.3.18.3.1 Tx Requirements (Clause 6)

**R5-233251 Addition of new FR1 phase continuity test**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2311 Cat: F (Rel-17)  
  
 Source: Apple Inc*

**Abstract:**

New FR2 cov enh test case

**Discussion:**

r1

**Decision:** The document was **revised to R5-233537**.

**R5-233537 Addition of new FR1 phase continuity test**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2311 rev 1 Cat: F (Rel-17)  
  
 Source: Apple Inc*

(Replaces R5-233251)

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

###### 5.3.18.3.2 Rx Requirements (Clause 7)

###### 5.3.18.3.3 Clauses 1-5, Annexes

##### 5.3.18.4 TS 38.521-2

###### 5.3.18.4.1 Tx Requirements (Clause 6)

**R5-233252 Update to FR2 RF phase continuity test**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0950 Cat: F (Rel-17)  
  
 Source: Apple Inc*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233551**.

**R5-233551 Update to FR2 RF phase continuity test**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0950 rev 1 Cat: F (Rel-17)  
  
 Source: Apple Inc*

(Replaces R5-233252)

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

###### 5.3.18.4.2 Rx Requirements (Clause 7)

###### 5.3.18.4.3 Clauses 1-5, Annexes

##### 5.3.18.5 TS 38.522

**R5-233250 Addition of applicability for FR2 RF phase continuity test**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0297 Cat: F (Rel-17)  
  
 Source: Apple Inc*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233687**.

**R5-233687 Addition of applicability for FR2 RF phase continuity test**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0297 rev 1 Cat: F (Rel-17)  
  
 Source: Apple Inc*

(Replaces R5-233250)

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

##### 5.3.18.6 TR 38.903 (NR MU & TT analyses)

##### 5.3.18.7 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

#### 5.3.19 Support of reduced capability NR devices (UID-950066) NR\_redcap\_plus\_ARCH-UEConTest

##### 5.3.19.1 TS 38.508-1

##### 5.3.19.2 TS 38.508-2

**R5-232929 Capability of REL17 Relaxed measurements in IDLE for RedCap**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0474 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-233034 Adding PICS of PC7**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0478 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

##### 5.3.19.3 TS 38.521-1

###### 5.3.19.3.1 Tx Requirements (Clause 6)

###### 5.3.19.3.2 Rx Requirements (Clause 7)

###### 5.3.19.3.3 Clauses 1-5, Annexes

##### 5.3.19.4 TS 38.521-2

###### 5.3.19.4.1 Tx Requirements (Clause 6)

**R5-232124 Adding RedCap UE FR2 PC7 Carrier leakage requirement**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0913 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

FR2 MU3

**Discussion:**

similar to R5-232622.

r1

**Decision:** The document was **revised to R5-233552**.

**R5-233552 Adding RedCap UE FR2 PC7 Carrier leakage requirement**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0913 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232124)

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

**R5-232125 Adding RedCap UE FR2 PC7 In-band emissions requirement**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0914 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233553**.

**R5-233553 Adding RedCap UE FR2 PC7 In-band emissions requirement**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0914 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232125)

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

**R5-232622 Adding FR2 Redcap PC7 to Tx Test Config Tables**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0926 Cat: F (Rel-17)  
  
 Source: Qualcomm Tech. Netherlands B.V*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233557**.

**R5-233557 Adding FR2 Redcap PC7 to Tx Test Config Tables**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0926 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Tech. Netherlands B.V*

(Replaces R5-232622)

**Decision:** The document was **revised to R5-233718**.

**R5-233718 Adding FR2 Redcap PC7 to Tx Test Config Tables**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0926 rev 2 Cat: F (Rel-17)  
  
 Source: Qualcomm Tech. Netherlands B.V*

(Replaces R5-233557)

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

**R5-233033 Adding side condition of beam correspondence for PC7**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0939 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

FR2 MU3

**Discussion:**

CR#

r2

**Decision:** The document was **revised to R5-233554**.

**R5-233554 Adding side condition of beam correspondence for PC7**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0939 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233033)

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

###### 5.3.19.4.2 Rx Requirements (Clause 7)

**R5-232615 Adding FR2 Redcap Rx EIS test case**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0923 Cat: F (Rel-17)  
  
 Source: Qualcomm Tech. Netherlands B.V*

**Decision:** The document was **revised to R5-233558**.

**R5-233558 Adding FR2 Redcap Rx EIS test case**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0923 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Tech. Netherlands B.V*

(Replaces R5-232615)

**Decision:** The document was **revised to R5-233719**.

**R5-233719 Adding FR2 Redcap Rx EIS test case**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0923 rev 2 Cat: F (Rel-17)  
  
 Source: Qualcomm Tech. Netherlands B.V*

(Replaces R5-233558)

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

**R5-232617 Adding FR2 Redcap Rx RefSens test case**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0924 Cat: F (Rel-17)  
  
 Source: Qualcomm Tech. Netherlands B.V*

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

**R5-232618 Adding FR2 Redcap PC7 to Rx Test Config Tables**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0925 Cat: F (Rel-17)  
  
 Source: Qualcomm Tech. Netherlands B.V*

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

###### 5.3.19.4.3 Clauses 1-5, Annexes

**R5-233206 Addition to the abbreviations on RedCap for FR2 UE**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0944 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

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

##### 5.3.19.5 TS 38.521-4

###### 5.3.19.5.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-232457 Correction to RedCap Demod TC 5.2.2.2.18 PDSCH 2Rx TDD**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0654 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Core Spec Alignment

**Discussion:**

merged to R5-233010.

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

**R5-232567 Addition of test case 5.3.2.1.4, 2Rx FDD FR1 PDCCH performance for RedCap**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0656 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233598**.

**R5-233598 Addition of test case 5.3.2.1.4, 2Rx FDD FR1 PDCCH performance for RedCap**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0656 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-232567)

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

**R5-232568 Addition of test case 5.3.2.2.4, 2Rx TDD FR1 PDCCH performance for RedCap**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0657 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233745**.

**R5-233745 Addition of test case 5.3.2.2.4, 2Rx TDD FR1 PDCCH performance for RedCap**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0657 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-232568)

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

**R5-232569 Adding SNR value for test 1-4 in test case 5.2.1.1.1**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0658 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233746**.

**R5-233746 Adding SNR value for test 1-4 in test case 5.2.1.1.1**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0658 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-232569)

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

**R5-232570 Core spec alignment for applicability of requirements**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0659 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-232571 Updates to test case 6.2.1.1.1.1, 1Rx FDD FR1 periodic CQI reporting under AWGN conditions for RedCap**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0660 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-232572 Addition of test case 6.2.1.2.1.1, 1Rx TDD FR1 periodic CQI reporting under AWGN conditions for RedCap**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0661 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-232573 Addition of test case 6.2.1.2.2.1, 1Rx TDD FR1 periodic wideband CQI reporting under fading conditions for RedCap**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0662 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-233010 Editorial correction to chapter 5 with move of 5.2.2.2.18**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0698 Cat: F (Rel-17)  
  
 Source: Anritsu, Huawei, HiSilicon*

**Abstract:**

Editorial

**Discussion:**

r2

**Decision:** The document was **revised to R5-233743**.

**R5-233743 Editorial correction to chapter 5 with move of 5.2.2.2.18**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0698 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu, Huawei, HiSilicon*

(Replaces R5-233010)

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

**R5-233224 Update to RedCap PDSCH test cases**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0714 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

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

###### 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

**R5-232574 Addition on MU and TT for newly introduced RedCap Demod test cases**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0663 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233714**.

**R5-233714 Addition on MU and TT for newly introduced RedCap Demod test cases**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0663 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-232574)

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

**R5-232575 Addition on MU and TT for newly introduced RedCap CQI test cases**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0664 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to R5-233599**.

**R5-233599 Addition on MU and TT for newly introduced RedCap CQI test cases**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0664 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-232575)

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

**R5-232577 Missing minimum test time for reference channel for RedCap**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0665 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

##### 5.3.19.6 TS 38.522

**R5-232458 Correction to applicability of RedCap RRM TCs**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0273 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232578 Addition of applicability for RedCap demod test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0275 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-232928 Applicability of FR2 RedCap reselection test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0287 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-233035 Update to test applicability of SUL test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0290 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233715**.

**R5-233715 Update to test applicability of SUL test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0290 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233035)

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

##### 5.3.19.7 TS 38.533

**R5-232171 Core spec alignment for RedCap TCs 16.6.1.8 and 16.6.1.12**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2350 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

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

**R5-232172 Correction to Test frequencies reference for RedCap TCs in chapter 16**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2351 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

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

**R5-232173 Core spec alignment for SMTC value for RedCap TC 16.1.1.1**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2352 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233610**.

**R5-233610 Core spec alignment for SMTC value for RedCap TC 16.1.1.1**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2352 rev 1 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

(Replaces R5-232173)

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

**R5-233298 Addition of NR SA FR2 BFD and LR TT for RedCap**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2461 Cat: F (Rel-17)  
  
 Source: Anritsu, Huawei, HiSilicon*

**Abstract:**

split #2 from R5-232305.

include test requirement and TT values only related to TC 17.5.2.3 ,17.5.2.4 and 17.5.2.5 in F.1.3.2.

Associated RAN4 CR R4-2300115

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

**R5-232459 Correction to RedCap RRM TC 16.3.1.x NCDSSB HO**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2373 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Starpoint*

**Abstract:**

RAN4 dependency R4-2308294

**Discussion:**

for email agreement

RAN4 CR R4-2310146 (revised from: R4-2308294) was agreed.

r1

**Decision:** The document was **revised to R5-233771**.

**R5-233771 Correction to RedCap RRM TC 16.3.1.x NCDSSB HO**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2373 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Starpoint*

(Replaces R5-232459)

**Discussion:**

Email agreed

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

**R5-232460 Correction to RedCap RRM TC 16.5.2.x SSB BFR**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2374 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Starpoint*

**Abstract:**

Core Spec Alignment

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

**R5-232461 Correction to RedCap RRM TC 16.6.1.x CDSSB intraFreq**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2375 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Starpoint*

**Abstract:**

RAN4 dependency R4-2308294

**Discussion:**

for email agreement

RAN4 CR R4-2310146 (revised from: R4-2308294) was agreed.

Email agreed

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

**R5-232462 Correction to RedCap RRM TC 16.6.1.x NCDSSB intraFreq**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2376 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Starpoint*

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

**R5-232463 Correction to RedCap RRM TC 17.5.1.2 SSB InSync noDRX**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2377 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

RAN4 dependency R4-2308296

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

**R5-232464 Correction to RedCap RRM TC 17.5.2.3 CSIRS BFR noDRX with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2378 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233654**.

**R5-233654 Correction to RedCap RRM TC 17.5.2.3 CSIRS BFR noDRX with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2378 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-232464)

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

**R5-232465 Correction to RedCap RRM TC 17.5.2.4 CSIRS BFR DRX with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2379 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233655**.

**R5-233655 Correction to RedCap RRM TC 17.5.2.4 CSIRS BFR DRX with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2379 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-232465)

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

**R5-232466 Correction to RedCap RRM TC 17.5.2.5 BFR restriction with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2380 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233656**.

**R5-233656 Correction to RedCap RRM TC 17.5.2.5 BFR restriction with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2380 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-232466)

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

**R5-232467 Correction to RedCap RRM TC 17.6.1.1 intraFreq noDRX**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2381 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232468 Addition of RedCap RRM TC 17.6.1.2 intraFreq DRX with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2382 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233657**.

**R5-233657 Addition of RedCap RRM TC 17.6.1.2 intraFreq DRX with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2382 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-232468)

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

**R5-232469 Correction to RedCap RRM TC 17.6.1.3 gap intraFreq noDRX with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2383 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232470 Correction to RedCap RRM TC 17.6.1.4 gap intraFreq DRX with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2384 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232471 Correction to RedCap RRM TC 17.6.3.1 SSB L1RSRP noDRX with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2385 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233647**.

**R5-233647 Correction to RedCap RRM TC 17.6.3.1 SSB L1RSRP noDRX with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2385 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-232471)

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

**R5-232472 Correction to RedCap RRM TC 17.6.3.2 SSB L1RSRP DRX with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2386 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232473 Correction to RedCap RRM TC 17.6.3.3 CSIRS L1RSRP noDRX with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2387 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232474 Correction to RedCap RRM TC 17.6.3.4 CSIRS L1RSRP DRX with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2388 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232475 Correction to RedCap RRM TC 18.2.2.1 L2N Redirection**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2389 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

RAN4 dependency R4-2308294

**Discussion:**

for email agreement

RAN4 CR R4-2310146 (revised from: R4-2308294) was agreed.

Email agreed

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

**R5-232476 Correction to RedCap RRM TC 18.3.1.5 interRAT noDRX with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2390 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

RAN4 dependency R4-2308296

**Discussion:**

r1

**Decision:** The document was **revised to R5-233752**.

**R5-233752 Correction to RedCap RRM TC 18.3.1.5 interRAT noDRX with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2390 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-232476)

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

**R5-232477 Correction to RedCap RRM TC 18.3.1.6 interRAT DRX with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2391 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

RAN4 dependency R4-2308296

**Discussion:**

r1

**Decision:** The document was **revised to R5-233753**.

**R5-233753 Correction to RedCap RRM TC 18.3.1.6 interRAT DRX with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2391 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-232477)

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

**R5-232478 Correction to RedCap RRM TC 18.3.1.7 interRAT noDRX SBI with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2392 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

RAN4 dependency R4-2308296

**Discussion:**

r1

**Decision:** The document was **revised to R5-233754**.

**R5-233754 Correction to RedCap RRM TC 18.3.1.7 interRAT noDRX SBI with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2392 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-232478)

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

**R5-232479 Correction to RedCap RRM TC 18.3.1.8 interRAT DRX SBI with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2393 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

RAN4 dependency R4-2308296

**Discussion:**

CR#

r2

**Decision:** The document was **revised to R5-233755**.

**R5-233755 Correction to RedCap RRM TC 18.3.1.8 interRAT DRX SBI with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2393 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-232479)

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

**R5-232480 Correction to Annex A for RedCap RRM TCs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2394 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

RAN4 dependency R4-2308294

**Discussion:**

for email agreement

RAN4 CR R4-2310146 (revised from: R4-2308294) was agreed.

Email agreed

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

**R5-232481 Correction to Annex E for RedCap RRM TCs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2395 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233611**.

**R5-233611 Correction to Annex E for RedCap RRM TCs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2395 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-232481)

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

**R5-232482 Correction to Annex F for RedCap RRM TCs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2396 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232669 Addition of RedCap RLM OOS test cases 16.5.1.5 and 16.5.1.6**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2415 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

17.6.0!

r2

**Decision:** The document was **revised to R5-233612**.

**R5-233612 Addition of RedCap RLM OOS test cases 16.5.1.5 and 16.5.1.6**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2415 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232669)

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

**R5-232670 Addition of RedCap SSB-based BFD and LR in DRX mode test cases 16.5.2.3 and 16.5.2.4**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2416 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

17.6.0!

r2

**Decision:** The document was **revised to R5-233613**.

**R5-233613 Addition of RedCap SSB-based BFD and LR in DRX mode test cases 16.5.2.3 and 16.5.2.4**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2416 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232670)

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

**R5-232671 Addition of RedCap DCI-based DL active BWP switch test cases 16.5.3.1.1 and 16.5.3.1.2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2417 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

17.6.0!

r2

**Decision:** The document was **revised to R5-233614**.

**R5-233614 Addition of RedCap DCI-based DL active BWP switch test cases 16.5.3.1.1 and 16.5.3.1.2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2417 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232671)

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

**R5-232672 Addition of RedCap RRC-based DL active BWP switch test cases 16.5.3.2.1 and 16.5.3.2.2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2418 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233615**.

**R5-233615 Addition of RedCap RRC-based DL active BWP switch test cases 16.5.3.2.1 and 16.5.3.2.2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2418 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232672)

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

**R5-232922 Correction of RedCap NR SA FR1 - E-UTRA Cell reselection test cases in clause 16.1.2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2432 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233616**.

**R5-233616 Correction of RedCap NR SA FR1 - E-UTRA Cell reselection test cases in clause 16.1.2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2432 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-232922)

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

**R5-232923 Correction of RedCap test case 17.1.1.1**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2433 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-232924 Correction of RedCap test case 17.1.1.2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2434 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-232925 Correction of RedCap test case 17.1.1.3**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2435 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-232926 Correction of RedCap test case 17.1.1.4**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2436 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-232927 Annex E correction for Redcap FR2 reselection cases**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2437 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233617**.

**R5-233617 Annex E correction for Redcap FR2 reselection cases**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2437 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-232927)

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

**R5-233016 Removal of square brackets from test paramters of RedCap test cases**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2445 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

Depending on RAN4 CR R4-2307440

**Discussion:**

r1

**Decision:** The document was **revised to R5-233744**.

**R5-233744 Removal of square brackets from test paramters of RedCap test cases**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2445 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-233016)

**Discussion:**

for email agreement

R4-2307440 -> revised to R4-2310145, R4-2310145 was postponed.

Email withdrawn

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

##### 5.3.19.8 TR 38.903 (NR MU & TT analyses)

**R5-233299 Addition of TT analysis for NR SA FR2 BFD and BFR for RedCap**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0538 Cat: F (Rel-17)  
  
 Source: Anritsu, Huawei, HiSilicon*

**Abstract:**

split #3 from R5-232306.

include TC numbers 17.5.2.3, 17.5.2.4 and 17.5.2.5 in table 8-2

Associated RAN4 CR R4-2300115

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

**R5-232483 TT analysis for RedCap RRM TC 17.6.1.2 and 17.6.1.4 intraFreq one AoA**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0517 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232484 TT analysis for RedCap RRM TC 17.6.1.3 intraFreq two AoAs**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0518 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232485 TT analysis for RedCap RRM TC 17.6.3.1 and 17.6.3.2 SSB L1RSRP**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0519 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232486 TT analysis for RedCap RRM TC 17.6.3.3 and 17.6.3.4 CSIRS L1RSRP**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0520 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232487 TT analysis for RedCap RRM TC 18.3.1.5 interRAT nonPeak**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0521 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232488 TT analysis for RedCap RRM TC 18.3.1.x interRAT peak**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0522 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

##### 5.3.19.9 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

**R5-232626 PC7 Antenna Assumptions for measurement grid**

*Type: discussion For: Discussion  
 38.521-2 v..  
 Source: Qualcomm Tech. Netherlands B.V*

**Abstract:**

FR2 MU3

**Discussion:**

"5/15:

Moderator (AT&T): This paper was not declared prior to the deadline for RF FR2 MU docs. It will not be treated. The paper can be noted.

No proposal endosed"

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

#### 5.3.20 NR small data transmissions in INACTIVE state (UID-960072) NR\_SmallData\_INACTIVE-UEConTest

##### 5.3.20.1 TS 38.508-1

##### 5.3.20.2 TS 38.508-2

##### 5.3.20.3 TS 38.522

##### 5.3.20.4 TS 38.533

**R5-232130 Addition to CG-SDT RRM test case for FR2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2349 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Rel-19!

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

**R5-233265 Update to FR1 CG-SDT test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2456 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Abstract:**

dependency on R4-2307139

**Discussion:**

17.6.0!

r1

**Decision:** The document was **revised to R5-233739**.

**R5-233739 Update to FR1 CG-SDT test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2456 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-233265)

**Discussion:**

for email agreement

R4-2307139, merged into R4-2310112, has been agreed.

Email agreed

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

##### 5.3.20.5 TR 38.903 (NR MU & TT analyses)

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

#### 5.3.21 Introduction of DL 1024QAM for NR frequency range 1 (FR1) (UID-960073) NR\_DL1024QAM\_FR1-UEConTest

##### 5.3.21.1 TS 38.508-1

##### 5.3.21.2 TS 38.508-2

##### 5.3.21.3 TS 38.521-1

###### 5.3.21.3.1 Tx Requirements (Clause 6)

###### 5.3.21.3.2 Rx Requirements (Clause 7)

###### 5.3.21.3.3 Clauses 1-5, Annexes

##### 5.3.21.4 TS 38.521-3

###### 5.3.21.4.1 Tx Requirements (Clause 6)

###### 5.3.21.4.2 Rx Requirements (Clause 7)

###### 5.3.21.4.3 Clauses 1-5, Annexes

##### 5.3.21.5 TS 38.521-4

###### 5.3.21.5.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-232862 Updates to PDSCH Performance Test cases for 1024QAM**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0682 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233751**.

**R5-233751 Updates to PDSCH Performance Test cases for 1024QAM**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0682 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

(Replaces R5-232862)

**Abstract:**

RAN4 dependency CR R4-2307237

**Discussion:**

for email agreement

r1

**Decision:** The document was **revised to R5-233772**.

**R5-233772 Updates to PDSCH Performance Test cases for 1024QAM**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0682 rev 2 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

(Replaces R5-233751)

**Discussion:**

Email agreed

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

###### 5.3.21.5.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.21.5.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.21.5.4 Clauses 1-4, Annexes

##### 5.3.21.6 TS 38.522

##### 5.3.21.7 TR 38.903 (NR MU & TT analyses)

##### 5.3.21.8 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

#### 5.3.22 Solutions for NR to support non-terrestrial networks (NTN) (UID-960074) NR\_NTN\_solutions\_plus\_CT-UEConTest

##### 5.3.22.1 TS 38.508-1

##### 5.3.22.2 TS 38.508-2

##### 5.3.22.3 TS 38.509

##### 5.3.22.4 TS 38.521-5 (pCRs only)

**R5-232346 Definition of NTN maximum input level test case 7.4**

*Type: pCR For: Approval  
 38.521-5 v0.1.0  
 Source: Keysight Technologies UK Ltd*

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

**R5-232371 Introduction of new test case 7.5 Adjacent channel selectivity**

*Type: pCR For: Approval  
 38.521-5 v0.1.0  
 Source: CAICT*

**Decision:** The document was **revised to R5-233567**.

**R5-233567 Introduction of new test case 7.5 Adjacent channel selectivity**

*Type: pCR For: Approval  
 38.521-5 v0.1.0  
 Source: CAICT*

(Replaces R5-232371)

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

**R5-232372 Correction of referenced Annexes for test case 7.9 Spurious emissions**

*Type: pCR For: Approval  
 38.521-5 v0.1.0  
 Source: CAICT*

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

**R5-232373 Introduction of new Annexes**

*Type: pCR For: Approval  
 38.521-5 v0.1.0  
 Source: CAICT*

**Decision:** The document was **revised to R5-233568**.

**R5-233568 Introduction of new Annexes**

*Type: pCR For: Approval  
 38.521-5 v0.1.0  
 Source: CAICT*

(Replaces R5-232373)

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

**R5-232517 Introduction of NTN AMPR tests**

*Type: pCR For: Agreement  
 38.521-5 v0.1.0  
 Source: Google Inc.*

**Decision:** The document was **revised to R5-233569**.

**R5-233569 Introduction of NTN AMPR tests**

*Type: pCR For: Agreement  
 38.521-5 v0.1.0  
 Source: Google Inc.*

(Replaces R5-232517)

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

**R5-232519 Introduction of NTN configured transmission power tests**

*Type: pCR For: Agreement  
 38.521-5 v0.1.0  
 Source: Google Inc.*

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

**R5-232869 TP to add clause 8.1 to TS 38.521-5**

*Type: pCR For: Approval  
 38.521-5 v0.1.0  
 Source: Qualcomm Europe Inc. Sweden*

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

**R5-232870 TP to add 2Rx PDSCH mapping type A test case for NTN UE**

*Type: pCR For: Approval  
 38.521-5 v0.1.0  
 Source: Qualcomm Europe Inc. Sweden*

**Decision:** The document was **revised to R5-233570**.

**R5-233570 TP to add 2Rx PDSCH mapping type A test case for NTN UE**

*Type: pCR For: Approval  
 38.521-5 v0.1.0  
 Source: Qualcomm Europe Inc. Sweden*

(Replaces R5-232870)

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

**R5-232871 TP to add Annex for satellite access**

*Type: pCR For: Approval  
 38.521-5 v0.1.0  
 Source: Qualcomm Europe Inc. Sweden*

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

**R5-233158 Update General SE for NTN**

*Type: pCR For: Approval  
 38.521-5 v0.1.0  
 Source: Qualcomm Europe Inc. Sweden*

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

**R5-233247 Updates to NTN TC 6.3.3 on Tx on-off time mask**

*Type: pCR For: Approval  
 38.521-5 v0.1.0  
 Source: Apple Inc*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233571**.

**R5-233571 Updates to NTN TC 6.3.3 on Tx on-off time mask**

*Type: pCR For: Approval  
 38.521-5 v0.1.0  
 Source: Apple Inc*

(Replaces R5-233247)

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

**R5-233248 Updates to NTN TC 6.5.2.2 on Spectrum emission mask**

*Type: pCR For: Approval  
 38.521-5 v0.1.0  
 Source: Apple Inc*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233572**.

**R5-233572 Updates to NTN TC 6.5.2.2 on Spectrum emission mask**

*Type: pCR For: Approval  
 38.521-5 v0.1.0  
 Source: Apple Inc*

(Replaces R5-233248)

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

**R5-233249 Updates to NTN TC 6.5.2.4 on ACLR**

*Type: pCR For: Approval  
 38.521-5 v0.1.0  
 Source: Apple Inc*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233573**.

**R5-233573 Updates to NTN TC 6.5.2.4 on ACLR**

*Type: pCR For: Approval  
 38.521-5 v0.1.0  
 Source: Apple Inc*

(Replaces R5-233249)

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

##### 5.3.22.5 TS 38.522

##### 5.3.22.6 TS 38.533

##### 5.3.22.7 TR 38.903 (NR MU & TT analyses)

##### 5.3.22.8 TR 38.905 (NR Test Points Radio Transmission and Reception)

**R5-232347 TP analysis updated for NTN maximum input level test case 7.4**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0759 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

CR R5-232346

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

**R5-232518 TP analysis for NR NTN configured transmission power tests**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0764 Cat: F (Rel-17)  
  
 Source: Google*

**Discussion:**

#98!

r1

**Decision:** The document was **revised to R5-233514**.

**R5-233514 TP analysis for NR NTN configured transmission power tests**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0764 rev 1 Cat: F (Rel-17)  
  
 Source: Google*

(Replaces R5-232518)

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

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

**R5-232513 Considerations of NTN UE frequency pre-compensation testing**

*Type: discussion For: Endorsement  
 Source: Google Inc.*

**Discussion:**

deferred for more offline discussions on the proposals

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

**R5-232868 NTN discussion open topics**

*Type: discussion For: Endorsement  
 38.521-5 v..  
 Source: Qualcomm Europe Inc. Sweden*

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

**R5-233226 Frequency Doppler in NR NTN communications**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233758**.

**R5-233758 Frequency Doppler in NR NTN communications**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-233226)

**Discussion:**

"Revised from: R5-233226r1.

document noted, proposal 1, 2, 6 endorsed"

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

**R5-233227 Delays in NR NTN communications**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

prop2-5 is endorsable, prop1 needs more time

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

**R5-233231 NR NTN discussion on satellite type coverage in testing**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

proposal 4,5,6 is endorsed

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

**R5-233292 NTN UE test cases methodology and configuration for SAN NTN assistance information parameters**

*Type: discussion For: Information  
 Source: THALES*

**Abstract:**

Proposal 1: NTN UE under test to use its own GNSS module/receiver in order to perform GNSS position acquisition from real GNSS transmitted signals.

Proposal 2: If NTN UE under test is indoor, UE can use an external GNSS antenna connected as external reference in order to perform GNSS position acquisition (from real GNSS transmitted signals).

Proposal 3: If NTN UE under test is indoor and if no external GNSS antenna can be used, a GNSS repeater can be used to repeat GNSS signal (from outdoor to indoor) in order to allow the UE to acquire GNSS position using its own GNSS module (from real GNSS transmitted signals).

Proposal 4: A GNSS emulator can alternatively be used to reproduce GNSS signals and to generate transmitted RF GNSS signals to allow NTN UE (using its own GNSS receiver module) to acquire GNSS position.

Proposal 5: An IoT-type fixed device could be configured only once with a fixed position (and related geographical coordinates) using e.g. an external GNSS module or other kind of pre-configuration methodology which is used only during the installation phase of the device, before the device becomes operational.

Proposal 6: RAN5 to consider a hypothetical testing constellation for the Testing Equipment used to test UE.

Proposal 7: The satellite constellation, used for NTN UE testing, can implement only a few number of satellites (maximum 3-4), at a given (pre-configured or GNSS emulated) NTN UE location.

Proposal 8: Testing Equipment emulating SAN behaviour to consider several type of constellations such as e.g. Rider type, Walker type or other.

Proposal 9: Testing Equipment to emulate SAN ephemeris data on SIB19, with values representative to UE location.

Proposal 10: Testing Equipment can use satellite ECEF information and/or Orbital information to generate SIB19.

Proposal 11: If required, Testing Equipment to consider a propagator orbit in order to generate SIB19.

**Discussion:**

late doc

r1

**Decision:** The document was **revised to R5-233565**.

**R5-233565 NTN UE test cases methodology and configuration for SAN NTN assistance information parameters**

*Type: discussion For: Information  
 Source: THALES*

(Replaces R5-233292)

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

#### 5.3.23 Further enhancement on NR demodulation performance (UID-960075) NR\_demod\_enh2-UEConTest

##### 5.3.23.1 TS 38.508-1

##### 5.3.23.2 TS 38.508-2

**R5-232837 Adding ICS for UE MMSE-IRC receiver capability**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0470 Cat: F (Rel-17)  
  
 Source: China Telecom*

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

##### 5.3.23.3 TS 38.521-4

###### 5.3.23.3.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-232835 Add applicability rule for PDSCH with inter cell interference and CRS-IM demodulation requirements**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0670 Cat: F (Rel-17)  
  
 Source: China Telecom*

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

**R5-232838 Add PDSCH demodulation test case with inter-cell intereference 2Rx FDD**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0672 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233707**.

**R5-233707 Add PDSCH demodulation test case with inter-cell intereference 2Rx FDD**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0672 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecom*

(Replaces R5-232838)

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

**R5-232839 Add PDSCH demodulation test case with inter-cell intereference 4Rx FDD**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0673 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233708**.

**R5-233708 Add PDSCH demodulation test case with inter-cell intereference 4Rx FDD**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0673 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecom*

(Replaces R5-232839)

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

**R5-232854 Addition of Demodulation performance testcases for PDSCH with inter-cell interference**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0676 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233580**.

**R5-233580 Addition of Demodulation performance testcases for PDSCH with inter-cell interference**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0676 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

(Replaces R5-232854)

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

**R5-232855 Addition of Demodulation performance testcases for PDSCH with intra-cell inter user interference**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0677 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233581**.

**R5-233581 Addition of Demodulation performance testcases for PDSCH with intra-cell inter user interference**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0677 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

(Replaces R5-232855)

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

**R5-232856 Addition of Demodulation performance testcases for PDSCH CRS interference mitigation under NR-LTE coexistense**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0678 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233582**.

**R5-233582 Addition of Demodulation performance testcases for PDSCH CRS interference mitigation under NR-LTE coexistense**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0678 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

(Replaces R5-232856)

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

**R5-232857 Addition of Demodulation performance testcases for PDSCH with inter-cell CRS interference**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0679 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233583**.

**R5-233583 Addition of Demodulation performance testcases for PDSCH with inter-cell CRS interference**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0679 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

(Replaces R5-232857)

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

###### 5.3.23.3.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.23.3.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.23.3.4 Clauses 1-4, Annexes

**R5-232836 Adding FRC for R17 demodulation enhancement WI**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0671 Cat: F (Rel-17)  
  
 Source: China Telecom*

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

##### 5.3.23.4 TS 38.522

**R5-232834 Adding applicability for MMSE-IRC test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0284 Cat: F (Rel-17)  
  
 Source: China Telecom*

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

5.3.23.5 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

#### 5.3.24 Enhanced NR support for high speed train scenario for frequency range 1 (FR1) (UID-960077) NR\_HST\_FR1\_enh-UEConTest

##### 5.3.24.1 TS 38.508-1

##### 5.3.24.2 TS 38.508-2

##### 5.3.24.3 TS 38.521-4

###### 5.3.24.3.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-232809 Addition of Applicability of different requirements for HST**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0667 Cat: F (Rel-17)  
  
 Source: CMCC*

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

###### 5.3.24.3.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.24.3.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.24.3.4 Clauses 1-4, Annexes

**R5-232810 Update of Reference measurement channels for SCS 15 kHz FR1**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0668 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-232811 Update of Reference measurement channels for SCS 30 kHz FR1**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0669 Cat: F (Rel-17)  
  
 Source: CMCC*

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

##### 5.3.24.4 TS 38.522

**R5-232812 Update to R17 NR HST FR1 enh test cases applicability**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0283 Cat: F (Rel-17)  
  
 Source: CMCC, Ericsson*

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

##### 5.3.24.5 TS 38.533

**R5-232916 Correction of EN-DC event reporting with highSpeedMeasCA-Scell-r17 test case 4.6.1.8 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2426 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-232917 Correction of EN-DC event reporting with highSpeedMeasCA-Scell-r17 test case 4.6.2.9 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2427 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-232918 Correction of SA FR1 HST reselection test case 6.1.1.8 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2428 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-232919 Correction of SA event reporting with highSpeedMeasCA-Scell-r17 test case 6.6.1.8 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2429 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233658**.

**R5-233658 Correction of SA event reporting with highSpeedMeasCA-Scell-r17 test case 6.6.1.8 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2429 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-232919)

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

**R5-232920 Correction of SA event reporting with highSpeedMeasCA-Scell-r17 test case 6.6.2.12 including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2430 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-232921 Correction of Annex F for HST test cases including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2431 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

##### 5.3.24.6 TR 38.903 (NR MU & TT analyses)

**R5-232915 Test Tolerance analysis for HST event triggered test cases**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0534 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

filename +

r2

**Decision:** The document was **revised to R5-233659**.

**R5-233659 Test Tolerance analysis for HST event triggered test cases**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0534 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-232915)

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

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

#### 5.3.25 Further enhancements on MIMO for NR (UID-960079) NR\_feMIMO-UEConTest

##### 5.3.25.1 TS 38.508-1

##### 5.3.25.2 TS 38.508-2

**R5-233054 Addition of PICS for NR feMIMO test cases**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0480 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

##### 5.3.25.3 TS 38.521-4

###### 5.3.25.3.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-232888 Additional test case 5.3.2.1.5 2RX FDD Minimum requirements for PDCCH with intra-slot repetition**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0688 Cat: F (Rel-17)  
  
 Source: Samsung*

**Discussion:**

no x!

r1

**Decision:** The document was **revised to R5-233584**.

**R5-233584 Additional test case 5.3.2.1.5 2RX FDD Minimum requirements for PDCCH with intra-slot repetition**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0688 rev 1 Cat: F (Rel-17)  
  
 Source: Samsung*

(Replaces R5-232888)

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

**R5-232889 Additional test case 5.3.2.2.5 2RX TDD Minimum requirements for PDCCH with intra-slot repetition**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0689 Cat: F (Rel-17)  
  
 Source: Samsung*

**Discussion:**

no x!

r1

**Decision:** The document was **revised to R5-233585**.

**R5-233585 Additional test case 5.3.2.2.5 2RX TDD Minimum requirements for PDCCH with intra-slot repetition**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0689 rev 1 Cat: F (Rel-17)  
  
 Source: Samsung*

(Replaces R5-232889)

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

**R5-232890 Additional test case 5.3.3.1.4 4RX FDD Minimum requirements for PDCCH with intra-slot repetition**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0690 Cat: F (Rel-17)  
  
 Source: Samsung*

**Discussion:**

no x!

r1

**Decision:** The document was **revised to R5-233586**.

**R5-233586 Additional test case 5.3.3.1.4 4RX FDD Minimum requirements for PDCCH with intra-slot repetition**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0690 rev 1 Cat: F (Rel-17)  
  
 Source: Samsung*

(Replaces R5-232890)

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

**R5-232891 Additional test case 5.3.3.2.4 4RX TDD Minimum requirements for PDCCH with intra-slot repetition**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0691 Cat: F (Rel-17)  
  
 Source: Samsung*

**Discussion:**

no x!

r1

**Decision:** The document was **revised to R5-233587**.

**R5-233587 Additional test case 5.3.3.2.4 4RX TDD Minimum requirements for PDCCH with intra-slot repetition**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0691 rev 1 Cat: F (Rel-17)  
  
 Source: Samsung*

(Replaces R5-232891)

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

**R5-233041 Addition of test applicability of HST-SFN Scheme A and B**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0699 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-233042 Addition of 5.2.2.1.20 2Rx FDD HST-SFN Scheme A**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0700 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233588**.

**R5-233588 Addition of 5.2.2.1.20 2Rx FDD HST-SFN Scheme A**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0700 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233042)

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

**R5-233043 Addition of 5.2.2.1.21 2Rx FDD HST-SFN Scheme B**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0701 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **revised to R5-233589**.

**R5-233589 Addition of 5.2.2.1.21 2Rx FDD HST-SFN Scheme B**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0701 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233043)

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

**R5-233044 Addition of 5.2.2.2.21 2Rx TDD HST-SFN Scheme A**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0702 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233590**.

**R5-233590 Addition of 5.2.2.2.21 2Rx TDD HST-SFN Scheme A**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0702 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233044)

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

**R5-233045 Addition of 5.2.2.2.22 2Rx TDD HST-SFN Scheme B**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0703 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **revised to R5-233591**.

**R5-233591 Addition of 5.2.2.2.22 2Rx TDD HST-SFN Scheme B**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0703 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233045)

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

**R5-233046 Addition of 5.2.3.1.19 4Rx FDD HST-SFN Scheme A**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0704 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233592**.

**R5-233592 Addition of 5.2.3.1.19 4Rx FDD HST-SFN Scheme A**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0704 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233046)

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

**R5-233047 Addition of 5.2.3.1.20 4Rx FDD HST-SFN Scheme B**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0705 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **revised to R5-233593**.

**R5-233593 Addition of 5.2.3.1.20 4Rx FDD HST-SFN Scheme B**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0705 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233047)

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

**R5-233048 Addition of 5.2.3.2.20 4Rx TDD HST-SFN Scheme A**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0706 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233594**.

**R5-233594 Addition of 5.2.3.2.20 4Rx TDD HST-SFN Scheme A**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0706 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233048)

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

**R5-233049 Addition of 5.2.3.2.21 4Rx TDD HST-SFN Scheme B**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0707 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **revised to R5-233595**.

**R5-233595 Addition of 5.2.3.2.21 4Rx TDD HST-SFN Scheme B**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0707 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233049)

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

###### 5.3.25.3.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.25.3.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.25.3.4 Clauses 1-4, Annexes

**R5-233050 Addition of RMC for HST-SFN scheme A and B**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0708 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233596**.

**R5-233596 Addition of RMC for HST-SFN scheme A and B**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0708 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233050)

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

**R5-233051 Addition of propagation information of HST scheme A and B**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0709 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-233052 Addition of MU and TT for HST scheme A and B**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0710 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **revised to R5-233597**.

**R5-233597 Addition of MU and TT for HST scheme A and B**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0710 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233052)

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

**R5-233053 Addition of minimum test time for HST scheme A and B**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0711 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233688**.

**R5-233688 Addition of minimum test time for HST scheme A and B**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0711 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233053)

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

##### 5.3.25.4 TS 38.522

**R5-232892 Adding applicability statements for NR FeMIMO**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0286 Cat: F (Rel-17)  
  
 Source: Samsung*

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

**R5-233055 Addition of applicabiltiy for NR feMIMO test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0291 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Adding test applicability for

**Decision:** The document was **revised to R5-233689**.

**R5-233689 Addition of applicabiltiy for NR feMIMO test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0291 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233055)

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

##### 5.3.25.5 TS 38.533

##### 5.3.25.6 TR 38.903 (NR MU & TT analyses)

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

#### 5.3.26 NR support for high speed train scenario in frequency range 2 (FR2) (UID-960080) NR\_HST\_FR2-UEConTest

##### 5.3.26.1 TS 38.508-1

**R5-232237 Addition and updation of tables for HST FR2 scenario**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2754 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233674**.

**R5-233674 Addition and updation of tables for HST FR2 scenario**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2754 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232237)

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

##### 5.3.26.2 TS 38.508-2

**R5-232238 Addition and support of power class 6 UEs for HST FR2**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0453 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

##### 5.3.26.3 TS 38.521-2

###### 5.3.26.3.1 Tx Requirements (Clause 6)

**R5-232515 HST FR2 6.2D.1.2 UE maximum output power - Spherical coverage for UL MIMO**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0921 Cat: F (Rel-17)  
  
 Source: SGS Wireless*

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

**R5-232516 HST FR2 6.3D.1 Minimum output power for UL MIMO**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0922 Cat: F (Rel-17)  
  
 Source: SGS Wireless*

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

###### 5.3.26.3.2 Rx Requirements (Clause 7)

###### 5.3.26.3.3 Clauses 1-5, Annexes

##### 5.3.26.4 TS 38.521-4

###### 5.3.26.4.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

###### 5.3.26.4.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

###### 5.3.26.4.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

###### 5.3.26.4.4 Clauses 1-4, Annexes

##### 5.3.26.5 TS 38.522

**R5-232236 Addition of applicability for 5GS HST FR2 test case**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0270 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233506**.

**R5-233506 Addition of applicability for 5GS HST FR2 test case**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0270 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232236)

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

##### 5.3.26.6 TS 38.533

**R5-232279 Addition of MAC-CE based active TCI state switch test case for HST FR2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2367 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233507**.

**R5-233507 Addition of MAC-CE based active TCI state switch test case for HST FR2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2367 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232279)

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

##### 5.3.26.7 TR 38.903 (NR MU & TT analyses)

**R5-232907 Updating for PC6 measurement error contribution descriptions for IFF**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0531 Cat: F (Rel-17)  
  
 Source: Samsung Electronics Nordic AB*

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

**R5-232932 Updating for PC6 measurement error contribution descriptions for IFF**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0535 Cat: F (Rel-17)  
  
 Source: Samsung*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233633**.

**R5-233633 Updating for PC6 measurement error contribution descriptions for IFF**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0535 rev 1 Cat: F (Rel-17)  
  
 Source: Samsung*

(Replaces R5-232932)

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

##### 5.3.26.8 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

#### 5.3.27 Enhanced Industrial Internet of Things (IoT) and ultra-reliable and low latency communication (URLLC) support for NR (UID-960082) NR\_IIOT\_URLLC\_enh-UEConTest

##### 5.3.27.1 TS 38.508-1

##### 5.3.27.2 TS 38.508-2

##### 5.3.27.3 TS 38.521-4

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

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

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

###### 5.3.27.3.4 Clauses 1-4, Annexes

##### 5.3.27.4 TS 38.522

**R5-232274 Adding applicability UE Rx-Tx time difference measurement for propagation delay compensation using TRS in FR2**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0272 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

##### 5.3.27.5 TS 38.533

**R5-232233 Update to PRS based UE Rx-Tx measurement FR1 SA test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2363 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233660**.

**R5-233660 Update to PRS based UE Rx-Tx measurement FR1 SA test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2363 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232233)

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

**R5-232234 Update to PRS based UE Rx-Tx measurement FR2 SA test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2364 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r4

**Decision:** The document was **revised to R5-233661**.

**R5-233661 Update to PRS based UE Rx-Tx measurement FR2 SA test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2364 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232234)

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

**R5-232235 Update to TRS based UE Rx-Tx measurement FR1 SA test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2365 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233662**.

**R5-233662 Update to TRS based UE Rx-Tx measurement FR1 SA test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2365 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232235)

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

**R5-232275 Addition of UE Rx-Tx time difference measurement for propagation delay compensation using TRS in FR2 test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2366 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233607**.

**R5-233607 Addition of UE Rx-Tx time difference measurement for propagation delay compensation using TRS in FR2 test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2366 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232275)

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

##### 5.3.27.6 TR 38.903 (NR MU & TT analyses)

**R5-232561 Test Tolerance analysis of FR1 PDC test cases**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0523 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**R5-232566 Test Tolerance analysis of FR2 PDC test cases**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0524 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

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

#### 5.3.28 NR Sidelink Relay (UID-960083) NR\_SL\_relay-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)

###### 5.3.28.3.2 Rx Requirements (Clause 7)

###### 5.3.28.3.3 Clauses 1-5, Annexes

##### 5.3.28.4 TS 38.522

##### 5.3.28.5 TS 38.533

##### 5.3.28.6 TR 38.903 (NR MU & TT analyses)

##### 5.3.28.7 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

#### 5.3.29 NR Sidelink enhancement (UID-960084) NR\_SL\_enh-UEConTest

##### 5.3.29.1 TS 38.508-1

##### 5.3.29.2 TS 38.508-2

##### 5.3.29.3 TS 38.521-1

###### 5.3.29.3.1 Tx Requirements (Clause 6)

###### 5.3.29.3.2 Rx Requirements (Clause 7)

###### 5.3.29.3.3 Clauses 1-5, Annexes

##### 5.3.29.4 TS 38.522

##### 5.3.29.5 TS 38.533

##### 5.3.29.6 TR 38.903 (NR MU & TT analyses)

##### 5.3.29.7 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

#### 5.3.30 UE power saving enhancements for NR (UID-960086) NR\_UE\_pow\_sav\_enh\_plus\_CT-UEConTest

##### 5.3.30.1 TS 38.508-1

##### 5.3.30.2 TS 38.508-2

##### 5.3.30.3 TS 38.522

##### 5.3.30.4 TS 38.533

**R5-232674 Addition of power savings RLM OOS test case 4.5.1.9**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2419 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

17.6.0!

r1

**Decision:** The document was **revised to R5-233619**.

**R5-233619 Addition of power savings RLM OOS test case 4.5.1.9**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2419 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232674)

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

**R5-232675 Addition of power savings RLM OOS test case 5.5.1.10**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2420 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

17.6.0!

r1

**Decision:** The document was **revised to R5-233620**.

**R5-233620 Addition of power savings RLM OOS test case 5.5.1.10**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2420 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232675)

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

**R5-233020 Introduction of 6.5.1.9 power saving enhancement test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2448 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

##### 5.3.30.5 TR 38.903 (NR MU & TT analyses)

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

#### 5.3.31 Introduction of UE TRP (Total Radiated Power) and TRS (Total Radiated Sensitivity) requirements and test methodologies for FR1 (NR SA and EN-DC) (UID-960088) NR\_FR1\_TRP\_TRS-UEConTest

##### 5.3.31.1 TS 38.561 (pCRs only)

**R5-232587 MU values for NR FR1 TRP-TRS**

*Type: pCR For: Approval  
 38.561 v0.2.0  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **revised to R5-233677**.

**R5-233677 MU values for NR FR1 TRP-TRS**

*Type: pCR For: Approval  
 38.561 v0.2.0  
 Source: ROHDE & SCHWARZ*

(Replaces R5-232587)

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

**R5-233039 Correction of TRS minimum requirement**

*Type: pCR For: Endorsement  
 38.561 v0.2.0  
 Source: Huawei, HiSilicon*

**Abstract:**

RAN4 alignment

**Discussion:**

r2

**Decision:** The document was **revised to R5-233709**.

**R5-233709 Correction of TRS minimum requirement**

*Type: pCR For: Endorsement  
 38.561 v0.2.0  
 Source: Huawei, HiSilicon*

(Replaces R5-233039)

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

**R5-233040 Update to TRP and TRS test applicability**

*Type: pCR For: Endorsement  
 38.561 v0.2.0  
 Source: Huawei, HiSilicon*

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

**R5-233242 Clarification of test parameters for FR1 TRP TRS testing**

*Type: pCR For: Approval  
 38.561 v0.2.0  
 Source: Apple Inc*

**Abstract:**

Alignment with RAN4 TS 38.161 v17.2.0

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

**R5-233243 Introduction of SA FR1 Talk Mode TRP TC 6.2.1.2.1**

*Type: pCR For: Approval  
 38.561 v0.2.0  
 Source: Apple Inc*

**Abstract:**

New FR1 TRP test case

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

**R5-233244 Introduction of SA FR1 Talk Mode TRS TC 7.2.1.2.1**

*Type: pCR For: Approval  
 38.561 v0.2.0  
 Source: Apple Inc*

**Abstract:**

New FR1 TRP test case

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

**R5-233245 Update of SA FR1 Browsing Mode TRP TC 6.2.1.1.1**

*Type: pCR For: Approval  
 38.561 v0.2.0  
 Source: Apple Inc*

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

**R5-233246 Update of SA FR1 Browsing Mode TRS TC 7.2.1.1.1**

*Type: pCR For: Approval  
 38.561 v0.2.0  
 Source: Apple Inc*

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

##### 5.3.31.2 Discussion Papers (Measurement Uncertainty (MU) assessment proposals for TR 38.870, TR 38.834), Work Plan, TC lists

**R5-232586 AC MU Analysis for NR FR1 TRP-TRS (Rel.17)**

*Type: discussion For: Endorsement  
 38.561 v..  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Associated pCR R5-232587

**Discussion:**

"Associated pCR R5-232587

3 proposals are endorsed"

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

**R5-232588 RAN4 progress update and MU impact analysis for Enhanced NR FR1 TRP-TRS test methods (Rel-18)**

*Type: discussion For: Endorsement  
 38.870 v..  
 Source: ROHDE & SCHWARZ*

**Discussion:**

document noted prop1 endorsed .

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

**R5-232589 Text proposal for TR 38.870 Annex B on MU for BHH**

*Type: discussion For: Endorsement  
 38.870 v..  
 Source: ROHDE & SCHWARZ*

**Discussion:**

text proposal is endorsed to be implemented in parallel ran4 cr to tr38.870

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

**R5-232635 Test Time Reduction using Coarser TRP/TRS Measurement Grids for above and below 3 GHz**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK Ltd, CAICT*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233678**.

**R5-233678 Test Time Reduction using Coarser TRP/TRS Measurement Grids for above and below 3 GHz**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK Ltd, CAICT*

(Replaces R5-232635)

**Discussion:**

"Revised from: R5-232635r2.

noted proposal 1 - 6 endorsed"

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

**R5-233233 RC MU Analysis for NR FR1 TRP-TRS Enhancement**

*Type: discussion For: Discussion  
 Source: Bluetest AB*

**Abstract:**

Proposes a draft text and discussion to continue analysis of the RC Method MU for TR 38.870

**Discussion:**

r2

**Decision:** The document was **revised to R5-233679**.

**R5-233679 RC MU Analysis for NR FR1 TRP-TRS Enhancement**

*Type: discussion For: Discussion  
 Source: Bluetest AB*

(Replaces R5-233233)

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

#### 5.3.32 NR RRM enhancement (UID-960089) NR\_RRM\_enh-UEConTest

##### 5.3.32.1 TS 38.508-1

##### 5.3.32.2 TS 38.508-2

##### 5.3.32.3 TS 38.522

**R5-232930 38.522 correction for RRM enh cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0288 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

##### 5.3.32.4 TS 38.533

**R5-232489 Correction to RRM enh TC 6.5.8.1 CBW change**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2397 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

RAN4 dependency R4-2308291

**Discussion:**

for email agreement

RAN4 CR R4-2310108 (revised from: R4-2308291) was agreed.

Email agreed

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

**R5-232490 Correction to Annex A for RRM enh TCs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2398 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

RAN4 dependency R4-2308291

**Discussion:**

for email agreement

RAN4 CR R4-2310108 (revised from: R4-2308291) was agreed.

r1

**Decision:** The document was **revised to R5-233773**.

**R5-233773 Correction to Annex A for RRM enh TCs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2398 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-232490)

**Discussion:**

Email agreed

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

**R5-232931 RRM enh cases EN regarding applicability removal**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2438 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

##### 5.3.32.5 TR 38.903 (NR MU & TT analyses)

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

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

#### 5.3.33 RF requirements enhancement for NR frequency range 1 (FR1) (UID-960090) NR\_RF\_FR1\_enh-UEConTest

##### 5.3.33.1 TS 38.508-1

##### 5.3.33.2 TS 38.508-2

##### 5.3.33.3 TS 38.521-1

###### 5.3.33.3.1 Tx Requirements (Clause 6)

**R5-232348 p-Max conditions corrections in 6.5A.3.1.1**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2211 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd, Huawei, HiSilicon*

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

**R5-233036 Correction of P-max in AMPR for CA**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2283 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Keysight*

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

**R5-233037 Adding PC2 intra-band contiguous testing to 6.5A.3.2.1**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2284 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Keysight*

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

###### 5.3.33.3.2 Rx Requirements (Clause 7)

###### 5.3.33.3.3 Clauses 1-5, Annexes

##### 5.3.33.4 TS 38.522

##### 5.3.33.5 TS 38.533

##### 5.3.33.6 TR 38.903 (NR MU & TT analyses)

##### 5.3.33.7 TR 38.905 (NR Test Points Radio Transmission and Reception)

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

#### 5.3.34 Further enhancements of NR RF requirements for frequency range 2 (FR2) (UID-970070) NR\_RF\_FR2\_req\_enh2-UEConTest

##### 5.3.34.1 TS 38.508-1

**R5-233257 Update to TS 38.508-1 clause 4.6.3-200BB for FR2 UL Gaps IE**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2807 Cat: F (Rel-17)  
  
 Source: Apple Inc*

**Abstract:**

Associated with changes in R5-233255

**Discussion:**

r2

agreed in the joint on Wed.

**Decision:** The document was **revised to R5-233675**.

##### 5.3.34.2 TS 38.508-2

##### 5.3.34.3 TS 38.521-2

###### 5.3.34.3.1 Tx Requirements (Clause 6)

**R5-233254 Updates to FR2 RF test case 6.2.5 for EIRP with UL-Gaps**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0951 Cat: F (Rel-17)  
  
 Source: Apple Inc*

**Abstract:**

TP Analysis in R5-233256

**Discussion:**

r1

**Decision:** The document was **revised to R5-233716**.

**R5-233716 Updates to FR2 RF test case 6.2.5 for EIRP with UL-Gaps**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0951 rev 1 Cat: F (Rel-17)  
  
 Source: Apple Inc*

(Replaces R5-233254)

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

###### 5.3.34.3.2 Rx Requirements (Clause 7)

###### 5.3.34.3.3 Clauses 1-5, Annexes

##### 5.3.34.4 TS 38.521-3

###### 5.3.34.4.1 Tx Requirements (Clause 6)

**R5-233255 Update of EIRP with UL-Gaps test for EN-DC with FR2**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1627 Cat: F (Rel-17)  
  
 Source: Apple Inc*

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

###### 5.3.34.4.2 Rx Requirements (Clause 7)

###### 5.3.34.4.3 Clauses 1-5, Annexes

##### 5.3.34.5 TS 38.522

**R5-232129 Adding applicability statement for SCell Activation and deactivation for SCell in FR2 inter-band in non-DRX**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0269 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Requirement CR in R5-232128 (CR 2348)

**Discussion:**

Rel-18->17.

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

**R5-233253 Applicability updates to FR2 RF tests**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0298 Cat: F (Rel-17)  
  
 Source: Apple Inc*

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

##### 5.3.34.6 TS 38.533

**R5-232127 UE UL carrier RRC reconfiguration delay test tolerances for FR2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2347 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

TT Analysis in R5-232126 (CR 0504)

**Discussion:**

r1

**Decision:** The document was **revised to R5-233663**.

**R5-233663 UE UL carrier RRC reconfiguration delay test tolerances for FR2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2347 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232127)

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

**R5-232128 Adding test case 7.5.3.3 for SCell Activation and deactivation for SCell in FR2 inter-band in non-DRX**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2348 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Applicability statement in R5-232129 (CR 0269)

**Discussion:**

r2

**Decision:** The document was **revised to R5-233618**.

**R5-233618 Adding test case 7.5.3.3 for SCell Activation and deactivation for SCell in FR2 inter-band in non-DRX**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2348 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232128)

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

##### 5.3.34.7 TR 38.903 (NR MU & TT analyses)

**R5-232126 TT analysis for FR2 UE UL carrier RRC reconfiguration delay test case**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0504 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Requirement CR in R5-232127 (CR 2347)

**Discussion:**

r1

**Decision:** The document was **revised to R5-233664**.

**R5-233664 TT analysis for FR2 UE UL carrier RRC reconfiguration delay test case**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0504 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232126)

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

##### 5.3.34.8 TR 38.905 (NR Test Points Radio Transmission and Reception)

**R5-233256 TP Analysis for FR2 RF test case involving EIRP with UL-Gaps**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0783 Cat: F (Rel-17)  
  
 Source: Apple Inc*

**Abstract:**

Associated with test case CR R5-233254

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

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

5.3.35 Multiple Input Multiple Output (MIMO) Over-the-Air (OTA) requirements for NR UEs (UID-970071) NR\_MIMO\_OTA-UEConTest

##### 5.3.35.1 TS 38.551 (pCRs only)

**R5-232699 Updates on TS 38.551 Annex B**

*Type: pCR For: Approval  
 38.551 v0.1.0  
 Source: Apple Electronics*

**Abstract:**

Editorial clarification on MU budget reference

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

**R5-232701 Updates on TS 38.551 Annex C**

*Type: pCR For: Approval  
 38.551 v0.1.0  
 Source: Apple Electronics*

**Abstract:**

Editorial clarification on FR1 Channel models and Validation procedures.

Correspondent CR in R4 -2309744, making the same editorial corrections in the "donor" spec TS 38.151.

**Discussion:**

CR R4-2309744 was agreed with minor editorial changes and revised to R4-2309820 and marked as "return to".

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

**R5-232702 Updates on TS 38.551 Foreword, scope and references**

*Type: pCR For: Approval  
 38.551 v0.1.0  
 Source: Apple Electronics*

**Abstract:**

Editorial

TS 38.551 updates on Foreword, Scope, and References

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

**R5-232703 Updates on TS 38.551 FR1 MIMO OTA frequency bands**

*Type: pCR For: Approval  
 38.551 v0.1.0  
 Source: Apple Electronics*

**Abstract:**

Editorial

TS 38.551 update on FR1 MIMOM OTA frequency bands

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

**R5-232704 Updates on TS 38.551 FR1 MIMO OTA Performance**

*Type: pCR For: Approval  
 38.551 v0.1.0  
 Source: Apple Electronics*

**Abstract:**

Minor editorial correction on FR1 MIMO OTA Performance

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

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

#### 5.3.36 NR Positioning Enhancements (UID-970075) NR\_pos\_enh-UEConTest

##### 5.3.36.1 TS 38.508-1

###### 5.3.36.1.1 Test frequencies (Clause 4.3.1)

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

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

###### 5.3.36.1.4 Other clauses, Annexes

##### 5.3.36.2 TS 37.571-1

##### 5.3.36.3 TS 37.571-3

##### 5.3.36.4 TS 37.571-5

##### 5.3.36.5 TR 38.903 (NR MU & TT analyses)

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

#### 5.3.37 Downlink interruption for NR and EN-DC band combinations to conduct dynamic Tx Switching in Uplink (UID-981033) DL\_intrpt\_combos\_TxSW\_R17-UEConTest

##### 5.3.37.1 TS 38.508-2

**R5-233038 Adding PICS for DL interruption**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0479 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, China Telecom*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233502**.

**R5-233502 Adding PICS for DL interruption**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0479 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, China Telecom*

(Replaces R5-233038)

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

##### 5.3.37.2 TS 38.521-1

###### 5.3.37.2.1 Tx Requirements (Clause 6)

###### 5.3.37.2.2 Rx Requirements (Clause 7)

###### 5.3.37.2.3 Clauses 1-5, Annexes

##### 5.3.37.3 TS 38.522

##### 5.3.37.4 TS 38.533

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

#### 5.3.38 NB-IoT (Narrowband IoT)/eMTC (enhanced Machine Type Communication) core & performance requirements for Non-Terrestrial Networks (NTN) (UID-981034) LTE\_NBIOT\_eMTC\_NTN\_req-UEConTest

##### 5.3.38.1 TS 36.508

**R5-233230 Updates for IoT NTN**

*Type: CR For: Agreement  
 36.508 v18.0.0 CR-1426 Cat: F (Rel-18)  
  
 Source: Keysight Technologies UK Ltd*

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

##### 5.3.38.2 TS 36.509

##### 5.3.38.3 TS 36.521-2

##### 5.3.38.4 TS 36.521-3

##### 5.3.38.5 TS 36.521-4 (pCRs only)

**R5-232367 Introduction of new test case 7.6A.2 In-band blocking for category M1**

*Type: pCR For: Approval  
 36.521-4 v0.1.0  
 Source: CAICT*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232368 Introduction of new test case 7.6B.2 In-band blocking for category NB1 and NB2**

*Type: pCR For: Approval  
 36.521-4 v0.1.0  
 Source: CAICT*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232369 Introduction of new test case 7.9A Spurious emissions for category M1**

*Type: pCR For: Approval  
 36.521-4 v0.1.0  
 Source: CAICT*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232370 Correction of title of TS 36.521-1 in clause 2 References**

*Type: pCR For: Approval  
 36.521-4 v0.1.0  
 Source: CAICT*

**Abstract:**

Editorial

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

**R5-232382 Introduction of new test case 7.9B Spurious emissions for category NB1 and NB2**

*Type: pCR For: Approval  
 36.521-4 v0.1.0  
 Source: CAICT*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232521 Editorial correction for some type error in 6.2A**

*Type: pCR For: Agreement  
 36.521-4 v0.1.0  
 Source: MediaTek Beijing Inc.*

**Abstract:**

Editorial

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

**R5-232522 Adding test case 6.2B.3 for UE A-MPR for category NB1 and NB2 UE**

*Type: pCR For: Agreement  
 36.521-4 v0.1.0  
 Source: MediaTek Beijing Inc.*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232523 Adding test case 6.3A.1 for UE Minimum output power for category M1**

*Type: pCR For: Agreement  
 36.521-4 v0.1.0  
 Source: MediaTek Beijing Inc.*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232524 Adding test case 6.3A.2 for Transmit OFF power for category M1**

*Type: pCR For: Agreement  
 36.521-4 v0.1.0  
 Source: MediaTek Beijing Inc.*

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

**R5-232525 Adding test case 6.3A.3.1 for General ON/OFF time mask**

*Type: pCR For: Agreement  
 36.521-4 v0.1.0  
 Source: MediaTek Beijing Inc.*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232526 Adding test case 6.3A.3.2.1 for PRACH time mask**

*Type: pCR For: Agreement  
 36.521-4 v0.1.0  
 Source: MediaTek Beijing Inc.*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232527 Adding test case 6.3A.3.2.2 for SRS time mask**

*Type: pCR For: Agreement  
 36.521-4 v0.1.0  
 Source: MediaTek Beijing Inc.*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232549 Adding test case 6.3A.4.1 for Power Control Absolute power tolerance**

*Type: pCR For: Agreement  
 36.521-4 v0.1.0  
 Source: MediaTek Beijing Inc.*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232550 Adding test case 6.3A.4.2 Power Control Relative power tolerance**

*Type: pCR For: Agreement  
 36.521-4 v0.1.0  
 Source: MediaTek Beijing Inc.*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232551 Adding test case 6.3A.4.3 for Aggregate power control tolerance**

*Type: pCR For: Agreement  
 36.521-4 v0.1.0  
 Source: MediaTek Beijing Inc.*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232552 Adding test case 6.3B.1 for UE Minimum output power**

*Type: pCR For: Agreement  
 36.521-4 v0.1.0  
 Source: MediaTek Beijing Inc.*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232553 Adding test case 6.3B.2 for Transmit OFF power**

*Type: pCR For: Agreement  
 36.521-4 v0.1.0  
 Source: MediaTek Beijing Inc.*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232554 Adding test case 6.3B.3.1 General ON/OFF time mask**

*Type: pCR For: Agreement  
 36.521-4 v0.1.0  
 Source: MediaTek Beijing Inc.*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232555 Adding test case 6.3B.3.2 NPRACH time mask**

*Type: pCR For: Agreement  
 36.521-4 v0.1.0  
 Source: MediaTek Beijing Inc.*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232556 Adding test case 6.3B.4.1 Power Control Absolute power tolerance**

*Type: pCR For: Agreement  
 36.521-4 v0.1.0  
 Source: MediaTek Beijing Inc.*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232557 Adding test case 6.3B.4.2 Power Control Relative power tolerance**

*Type: pCR For: Agreement  
 36.521-4 v0.1.0  
 Source: MediaTek Beijing Inc.*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232558 Adding test case 6.3B.4.3 Aggregate power control tolerance**

*Type: pCR For: Agreement  
 36.521-4 v0.1.0  
 Source: MediaTek Beijing Inc.*

**Abstract:**

related to R5-232819 Disc paper

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

**R5-232815 Introduction of eMTC/NB-IoT NTN Output RF spectrum emissions TC 6.5**

*Type: pCR For: Approval  
 36.521-4 v0.1.0  
 Source: CMCC*

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

**R5-232816 Introduction of eMTC NTN Output RF spectrum emissions TC 6.5A**

*Type: pCR For: Approval  
 36.521-4 v0.1.0  
 Source: CMCC*

**Decision:** The document was **revised to R5-233574**.

**R5-233574 Introduction of eMTC NTN Output RF spectrum emissions TC 6.5A**

*Type: pCR For: Approval  
 36.521-4 v0.1.0  
 Source: CMCC*

(Replaces R5-232816)

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

**R5-232817 Introduction of NB-IoT NTN Output RF spectrum emissions TC 6.5B**

*Type: pCR For: Approval  
 36.521-4 v0.1.0  
 Source: CMCC*

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

**R5-232818 Update of editor notes for IoT NTN TCs**

*Type: pCR For: Approval  
 36.521-4 v0.1.0  
 Source: CMCC*

**Abstract:**

related to R5-232819 Disc paper

**Decision:** The document was **revised to R5-233575**.

**R5-233575 Update of editor notes for IoT NTN TCs**

*Type: pCR For: Approval  
 36.521-4 v0.1.0  
 Source: CMCC*

(Replaces R5-232818)

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

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

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

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

**R5-232820 IoT NTN test point analysis**

*Type: CR For: Agreement  
 36.905 v18.0.0 CR-0250 Cat: F (Rel-18)  
  
 Source: CMCC, MTK, Sporton*

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

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

**R5-232254 LS to RAN4 on A-MPR Network Signaling value (NS\_02N)**

*Type: discussion For: Agreement  
 Source: MediaTek Beijing Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233673**.

**R5-233673 LS to RAN4 on A-MPR Network Signaling value (NS\_02N)**

*Type: discussion For: Agreement  
 Source: MediaTek Beijing Inc.*

(Replaces R5-232254)

**Discussion:**

RAN4 spec is updated at this meeting with the correct signaling value

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

**R5-232819 Disc on handling of R18 IoT NTN TCs in 36521-4**

*Type: discussion For: Endorsement  
 Source: CMCC, MTK, Sporton, CAICT*

**Decision:** The document was **revised to R5-233566**.

**R5-233566 Disc on handling of R18 IoT NTN TCs in 36521-4**

*Type: discussion For: Endorsement  
 Source: CMCC, MTK, Sporton, CAICT*

(Replaces R5-232819)

**Discussion:**

"Revised from: R5-232819r1.

prop1,2,3, 6 has corresponding pCRs, prop4,5 is for information"

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

**R5-233228 Frequency Doppler in IoT NTN communications**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233759**.

**R5-233759 Frequency Doppler in IoT NTN communications**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-233228)

**Discussion:**

"Revised from: R5-233228r1.

document noted, proposal 1,2,6 endorsed"

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

**R5-233229 Delays in IoT NTN communications**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

5.3.38.9???

**Discussion:**

CMCC:

Assumption 1: If this discussion paper is for NTN WI, then its AI should be 5.3.22.9, WIC should use NR\_NTN\_solutions\_plus\_CT-UEConTest;

Assumption 2: If this discussion paper is for IoT NTN WI, then its AI should be 5.3.38.9, WIC should use LTE\_NBIOT\_eMTC\_NTN\_req-UEConTest;

r1

**Decision:** The document was **revised to R5-233757**.

**R5-233757 Delays in IoT NTN communications**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-233229)

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

**R5-233232 IoT NTN discussion on satellite type coverage in testing**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

proposal 4,5,6 is endorsed

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

#### 5.3.39 NR and MR-DC measurement gap enhancements (UID-981035) NR\_MG\_enh-UEConTest

**R5-232081 Addition of Pre-MG RRM test case 6.6.17.1**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2336 Cat: B (Rel-18)  
  
 Source: MediaTek Inc.*

**Abstract:**

RRM Test case addition for 6.6.17.1.

SA event triggered reporting tests with with autonomous activation/deactivation Pre-MG

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

**R5-232082 Addition of Pre-MG RRM test case 6.6.17.2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2337 Cat: B (Rel-18)  
  
 Source: MediaTek Inc.*

**Abstract:**

RRM test case addition for 6.6.17.2

SA event triggered reporting tests with pre-configured measurement gaps and network-controlled activation/deactivation

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

##### 5.3.39.1 TS 38.508-1

##### 5.3.39.2 TS 38.508-2

##### 5.3.39.3 TS 38.522

**R5-232103 Add applicability of new test cases for gap enhancement- Pre-MG and NCSG**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0268 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Abstract:**

Addition of NCSG RRM TCs applicability: 6.6.17.1/6.6.17.2/6.6.19.1/6.6.19.2/6.6.19.3/6.6.19.4

**Decision:** The document was **revised to R5-233690**.

**R5-233690 Add applicability of new test cases for gap enhancement- Pre-MG and NCSG**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0268 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-232103)

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

**R5-232529 Update of eMG case applicabilities**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0274 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233710**.

**R5-233710 Update of eMG case applicabilities**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0274 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-232529)

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

##### 5.3.39.4 TS 38.533

**R5-232083 Addition of Pre-MG RRM test case 6.6.17.1**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2338 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Abstract:**

RRM test case addition for 6.6.17.1

SA event triggered reporting tests with autonomous activation/deactivation Pre-MG

**Decision:** The document was **revised to R5-233609**.

**R5-233609 Addition of Pre-MG RRM test case 6.6.17.1**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2338 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-232083)

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

**R5-232084 Addition of Pre-MG RRM test case 6.6.17.2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2339 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Abstract:**

RRM test case addition for 6.6.17.2

SA event triggered reporting tests with pre-configured measurement gaps and network-controlled activation/deactivation

**Discussion:**

r1

**Decision:** The document was **revised to R5-233608**.

**R5-233608 Addition of Pre-MG RRM test case 6.6.17.2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2339 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-232084)

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

**R5-232097 Addition of minimum requirements for 6.6.19.0 - FR1 NCSG**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2340 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Abstract:**

Minimum conformance requirements for NCSG

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

**R5-232098 Addition of NCSG RRM test case 6.6.19.1**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2341 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Abstract:**

NR SA FR1 event triggered reporting with NCSG for intra-frequency

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

**R5-232099 Addition of NCSG RRM test case 6.6.19.2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2342 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Abstract:**

NR SA FR1 event-triggered reporting tests for FR1 with NCSG for inter-frequency measurement

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

**R5-232100 Addition of NCSG RRM test case 6.6.19.3**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2343 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Abstract:**

NR SA FR1 - E-UTRAN event-triggered reporting in non-DRX in FR1 with NCSG

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

**R5-232101 Addition of NCSG RRM test case 6.6.19.4**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2344 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Abstract:**

NR SA FR1 event triggered reporting on SCC with deactivated SCell test with per-UE NCSG under non-DRX

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

**R5-232102 Correction to table E.4-1 and E.4-2 for NCSG TCs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2345 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Abstract:**

Correction to table E.4-1 and E.4-2 for NCSG TCs

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

**R5-232104 Addition of minimum requirements for 6.6.17.0**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2346 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

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

**R5-232336 Update concurrent gap test cases 6.6.18.1 and 6.6.18.2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2370 Cat: F (Rel-17)  
  
 Source: MediaTek Beijing Inc.*

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

**R5-232426 Correction to table E.4-1 for Pre-MG TCs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2371 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Abstract:**

Correction to table E.4-1 for Pre-MG TCs

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

**R5-232530 Update of eMG TC 6.6.18.3**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2403 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

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

**R5-232531 Update of eMG TC 6.6.18.4**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2404 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

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

**R5-232532 Update of E.4 for MG enhancements**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2405 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

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

**R5-232533 Update of H.3.1 for MG enhancements**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2406 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

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

##### 5.3.39.5 TR 38.903 (NR MU & TT analyses)

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

#### 5.3.40 Increasing UE power high limit for CA and DC (UID-981036) Power\_Limit\_CA\_DC-UEConTest

##### 5.3.40.1 TS 38.508-1

##### 5.3.40.2 TS 38.508-2

##### 5.3.40.3 TS 38.521-1

###### 5.3.40.3.1 Tx Requirements (Clause 6)

**R5-232747 Update of PC2 UE maximum output power for inter-band CA configurations**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2254 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

###### 5.3.40.3.2 Rx Requirements (Clause 7)

###### 5.3.40.3.3 Clauses 1-5, Annexes

##### 5.3.40.4 TS 38.521-3

**R5-233209 Corrections on higher power class indication for EN-DC configuration**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1624 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

Huawei: is Power\_Limit\_CA\_DC-UEConTest !

r1

**Decision:** The document was **revised to R5-233577**.

**R5-233577 Corrections on higher power class indication for EN-DC configuration**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1624 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-233209)

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

###### 5.3.40.4.1 Tx Requirements (Clause 6)

**R5-232840 Update of PC2 UE configured output power for inter-band EN-DC configurations**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1610 Cat: F (Rel-17)  
  
 Source: China Telecom, Huawei, HiSilicon, Qualcomm*

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

**R5-232841 Update of PC2 UE maximum output power for inter-band EN-DC configurations**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1611 Cat: F (Rel-17)  
  
 Source: China Telecom, Huawei, HiSilicon, Qualcomm*

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

###### 5.3.40.4.2 Rx Requirements (Clause 7)

###### 5.3.40.4.3 Clauses 1-5, Annexes

##### 5.3.40.5 TS 38.522

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

#### 5.3.41 Introduction of LTE TDD band in 1670 – 1675 MHz (UID-991032) LTE\_TDD\_1670\_1675MHz-UEConTest

##### 5.3.41.1 TS 36.508

**R5-232311 Addition of test frequencies for LTE Band 54**

*Type: CR For: Agreement  
 36.508 v18.0.0 CR-1419 Cat: F (Rel-18)  
  
 Source: Ligado Networks*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233694**.

**R5-233694 Addition of test frequencies for LTE Band 54**

*Type: CR For: Agreement  
 36.508 v18.0.0 CR-1419 rev 1 Cat: F (Rel-18)  
  
 Source: Ligado Networks*

(Replaces R5-232311)

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

##### 5.3.41.2 TS 36.521-1

**R5-232313 Introduction of LTE Band 54 to common clauses (section 5)**

*Type: CR For: Agreement  
 36.521-1 v18.0.0 CR-5445 Cat: F (Rel-18)  
  
 Source: Ligado Networks*

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

**R5-232314 Updates to MOP and MPR test cases as part of introduction of LTE Band 54**

*Type: CR For: Agreement  
 36.521-1 v18.0.0 CR-5446 Cat: F (Rel-18)  
  
 Source: Ligado Networks*

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

**R5-232315 Updates to A-MPR test cases as part of introduction of LTE Band 54**

*Type: CR For: Agreement  
 36.521-1 v18.0.0 CR-5447 Cat: F (Rel-18)  
  
 Source: Ligado Networks*

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

**R5-232316 Updates to spurious emissions and additional spurious emissions test cases as part of introduction of LTE Band 54**

*Type: CR For: Agreement  
 36.521-1 v18.0.0 CR-5448 Cat: F (Rel-18)  
  
 Source: Ligado Networks*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233704**.

**R5-233704 Updates to spurious emissions and additional spurious emissions test cases as part of introduction of LTE Band 54**

*Type: CR For: Agreement  
 36.521-1 v18.0.0 CR-5448 rev 1 Cat: F (Rel-18)  
  
 Source: Ligado Networks*

(Replaces R5-232316)

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

**R5-232321 Updates to receiver reference sensitivity test cases as part of introduction of LTE Band 54**

*Type: CR For: Agreement  
 36.521-1 v18.0.0 CR-5449 Cat: F (Rel-18)  
  
 Source: Ligado Networks*

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

**R5-232322 Updates to receiver blocking test cases as part of introduction of LTE Band 54**

*Type: CR For: Agreement  
 36.521-1 v18.0.0 CR-5450 Cat: F (Rel-18)  
  
 Source: Ligado Networks*

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

##### 5.3.41.3 TS 36.521-2

**R5-232323 Updates to test case applicability as part of introduction of LTE Band 54**

*Type: CR For: Agreement  
 36.521-2 v18.0.1 CR-1006 Cat: F (Rel-18)  
  
 Source: Ligado Networks*

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

##### 5.3.41.4 TS 36.521-3

**R5-232324 Updates to groups of band as part of introduction of LTE Band 54**

*Type: CR For: Agreement  
 36.521-3 v18.0.0 CR-2671 Cat: F (Rel-18)  
  
 Source: Ligado Networks*

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

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

#### 5.3.42 Further Multi-RAT Dual-Connectivity enhancement (UID-991033) LTE\_NR\_DC\_enh2-UEConTest

##### 5.3.42.1 TS 38.508-1

##### 5.3.42.2 TS 38.508-2

##### 5.3.42.3 TS 38.522

##### 5.3.42.4 TS 38.533

##### 5.3.42.5 TR 38.903 (NR MU & TT analyses)

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

#### 5.3.43 Enhanced Test Methods for FR2 NR UEs FS\_FR2\_enhTestMethods (RAN4 Study Item)

##### 5.3.43.1 Discussion Papers, Work Plan to track adoption of the TR 38.884 outcomes into RAN5 test specifications

**R5-232986 Analysis on improvement of relaxation in existing IFF test systems**

*Type: discussion For: Endorsement  
 Source: Anritsu*

**Abstract:**

AP#96e.27

**Discussion:**

"RF AP#96e.27

5/23:

Moderator (AT&T): No comments received to date. This paper can be noted and Proposal 1 can be endorsed.

Noted and Proposal 1 endosed"

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

**R5-233258 On FR2 RF Enhanced Test Methods work plan updates**

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

**Discussion:**

updated thanks to some offline feedback received from Keysight Spain.

r1

**Decision:** The document was **revised to R5-233550**.

**R5-233550 On FR2 RF Enhanced Test Methods work plan updates**

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

(Replaces R5-233258)

**Discussion:**

"Revised from: R5-233258r1.

noted and proposals are endorsed, with change note to replace rel17 with RAn5 WI RF\_fr2\_en\_test\_methods"

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

**R5-233259 Work Plan for Rel17 FR2 RF Enhanced Test Methods**

*Type: Work Plan For: Information  
 Source: Apple Inc*

**Abstract:**

Internal work plan for RAN5 to incorporate FR2 enhanced test methods topics.

Post RAN5#99 update

Associated discussion paper in R5-233258

**Discussion:**

r1

**Decision:** The document was **revised to R5-233733**.

**R5-233733 Work Plan for Rel17 FR2 RF Enhanced Test Methods**

*Type: Work Plan For: Information  
 Source: Apple Inc*

(Replaces R5-233259)

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

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

#### 5.4.1 TS 38.508-1

##### 5.4.1.1 Test frequencies (Clause 4.3.1)

**R5-232337 Addition of test frequencies for new 3CC EN-DC comb within FR2**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2756 Cat: F (Rel-17)  
  
 Source: KDDI Corporation*

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

**R5-232359 Correction of test frequency parameters for n79**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2759 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd, Huawei,Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233699**.

**R5-233699 Correction of test frequency parameters for n79**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2759 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd, Huawei,Hisilicon*

(Replaces R5-232359)

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

**R5-232441 Introduction of test channel bandwidths for new NR band n13**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2762 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**R5-232442 Introduction of test frequencies for new NR band n13**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2763 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Signalling test frequencies in R5-232443 (CR 2764)

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

**R5-233096 Updating lowest testing channel bandwidth for n79**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2800 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

pending on discussion paper R5-233095

**Discussion:**

as per the offline agreement on discussion paper R5-233095r1

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

**R5-233097 Updating n79 test frequencies for 10MHz channel bandwidth**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2801 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

pending on discussion paper R5-233095

**Discussion:**

as per the offline agreement on discussion paper R5-233095r1

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

**R5-233099 Updating test frequency for n79 10MHz CBW with 30kHz SCS**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2803 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

pending on discussion paper R5-233095

**Discussion:**

as per the offline agreement on discussion paper R5-233095r1

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

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

**R5-232350 RF message exceptions for K1 and number of HARQ processes in CA**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2758 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd, Anritsu Limited, Rohde & Schwarz*

**Abstract:**

RAN4 Dependency R4-2307035

**Discussion:**

RAN4 CR R4-2307035 has been agreed.

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

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

**R5-232440 Correction NZP-CSI-RS-ResourceSet for FR1**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2761 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-232712 Correction NZP-CSI-RS-ResourceSet for FR1**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2776 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

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

**R5-232934 Update CSI-ReportConfig IE content for RRM testing**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2789 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-232991 Correction to RRM PDCCH TCI-State**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2797 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-232992 Correction to RRM TRS CSI-ResourceConfig**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2798 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

##### 5.4.1.4 Other clauses, Annexes

**R5-233098 Updating frequency calculation in Annex C.3.2**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2802 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Keysight*

**Abstract:**

pending on discussion paper R5-233095

**Discussion:**

r2

**Decision:** The document was **revised to R5-233700**.

**R5-233700 Updating frequency calculation in Annex C.3.2**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2802 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Keysight*

(Replaces R5-233098)

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

**R5-233135 Correction to RF or RRM condition for default messages**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2804 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

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

**R5-233269 Correction of 38.508-1 4.1.1 on lower humidity limit in temperature test environment**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2808 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, there is inconsistency of humidity limit among 2G/3G and LTE/ NR specifications. The variat

**Discussion:**

late reservation

17.7.0!

AI!

r1

**Decision:** The document was **revised to R5-233500**.

**R5-233500 Correction of 38.508-1 4.1.1 on lower humidity limit in temperature test environment**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2808 rev 1 Cat: F (Rel-17)  
  
 Source: Samsung R&D Institute UK, ZTE Corporation*

(Replaces R5-233269)

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

**R5-233676 Correction to frequency range for ssb-PositionsInBurst and SSB-ToMeasure**

*Type: CR For: Agreement  
 38.508-1 vR5-233676 CR-2809 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

reissue from R5-232990 because of title updated

**Discussion:**

late doc

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

#### 5.4.2 TS 38.508-2

**R5-232362 Addition of UE capability for new 2CC and 3CC EN-DC comb within FR2**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0457 Cat: F (Rel-17)  
  
 Source: KDDI Corporation*

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

**R5-232822 Update NR band and CADC configs status in ICS Annex B**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0469 Cat: F (Rel-17)  
  
 Source: CMCC*

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

**R5-233188 Editorial correction to Table A.4.3.2A.2.1-4**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0481 Cat: F (Rel-17)  
  
 Source: Bureau Veritas ADT*

**Abstract:**

Editorial CR

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

**R5-233189 Additional support value to maxNumberSRS-Ports-PerResource element**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0482 Cat: F (Rel-17)  
  
 Source: Bureau Veritas ADT*

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

#### 5.4.3 TS 38.509

#### 5.4.4 TS 38.521-1

##### 5.4.4.1 Tx Requirements (Clause 6)

**R5-232353 Test configuration table update for NS 46 in A-MPR test**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2212 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-232354 NS\_27 - corrections for 30MHz RBStart for condition A1**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2213 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

cl. aff.

r1

**Decision:** The document was **revised to R5-233541**.

**R5-233541 NS\_27 - corrections for 30MHz RBStart for condition A1**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2213 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-232354)

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

**R5-232376 Correction of Spurious emissions for UE co-existence requirement in 6.5D.3\_1.2**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2215 Cat: F (Rel-17)  
  
 Source: CAICT*

**Abstract:**

Discussion in R5-232374.

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

**R5-232377 Correction of Spurious emissions for UE co-existence requirement of NR FR1**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2216 Cat: F (Rel-17)  
  
 Source: CAICT*

**Abstract:**

Discussion in R5-232374.

**Discussion:**

Conflict with R5-232979, R5-232112, R5-232113, R5-232414.

Depend on the discussion outcome of R5-232374.

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

**R5-232444 Adding UE maximum output power for new NR band n13**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2226 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**R5-232445 Adding UE maximum output power reduction for new NR band n13**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2227 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**R5-232744 Update of UL MIMO aggregate power TC**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2253 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

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

**R5-232750 Addition of UL MIMO SEM and NR ACLR test cases for Power Class 1.5**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2256 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232751 Editorial correction of reference table numbers for SUL test cases**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2257 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232752 Editorial Update of PC2 fallback PC3 test requirements**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2258 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

changes are not necessary

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

**R5-232977 Adding UE additional maximum output power reduction for new NR band n13**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2272 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

TP Analysis in R5-232976 (CR 0778)

**Discussion:**

r1

**Decision:** The document was **revised to R5-233524**.

**R5-233524 Adding UE additional maximum output power reduction for new NR band n13**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2272 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232977)

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

**R5-232978 Adding additional spectrum emission mask requirement for new NR band n13**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2273 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

TP Analysis in R5-232976 (CR 0778)

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

**R5-232979 Adding spurious emissions for UE co-existence for new NR band n13**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2274 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

TP Analysis in R5-232976 (CR 0778)

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

**R5-232980 Adding additional spurious emissions for new NR band n13**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2275 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

TP Analysis in R5-232976 (CR 0778)

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

**R5-232997 Addition of BW condition to 6.5D.2.3 A-SEM for UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2280 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233542**.

**R5-233542 Addition of BW condition to 6.5D.2.3 A-SEM for UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2280 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-232997)

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

**R5-233023 Removing redundant parameter setting from time mask testing**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2281 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-233026 Clarification of spurious emsission testing configuration - Part 1**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2282 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Related to R5-233027~R5-233029

**Discussion:**

r1

**Decision:** The document was **revised to R5-233543**.

**R5-233543 Clarification of spurious emsission testing configuration - Part 1**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2282 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233026)

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

**R5-233082 Updating FR1 test case Additional spectrum emission mask for UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2285 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233547**.

**R5-233547 Updating FR1 test case Additional spectrum emission mask for UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2285 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233082)

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

**R5-233083 Updating test case UTRA ACLR for UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2286 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-233084 Updating test case AMPR for UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2287 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-233085 Updating test requirement of test case AMPR for UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2288 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-233086 Updating PUCCH aggregated power tolerance test case for SUL and for MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2289 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Rohde&Schwarz*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233548**.

**R5-233548 Updating PUCCH aggregated power tolerance test case for SUL and for MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2289 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Rohde&Schwarz*

(Replaces R5-233086)

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

**R5-233186 Correction to clauses using void table 5.5A.3-x**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2302 Cat: F (Rel-17)  
  
 Source: Bureau Veritas ADT*

**Abstract:**

Agenda selected clause 6 but only covered changes to clause 7 for TC7.9A.1

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

**R5-233193 Editorial correction to TC6.2.3 configuration table for NS\_06**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2303 Cat: F (Rel-17)  
  
 Source: Bureau Veritas ADT*

**Abstract:**

Editorial CR

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

##### 5.4.4.2 Rx Requirements (Clause 7)

**R5-232117 Adding Reference sensitivity exceptions due to UL harmonic interference for CA\_n28A-n78A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2195 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

TP analysis in R5-232116 (CR 0757)

**Discussion:**

2x for

r1

**Decision:** The document was **revised to R5-233517**.

**R5-233517 Adding Reference sensitivity exceptions due to UL harmonic interference for CA\_n28A-n78A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2195 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232117)

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

**R5-232119 Add Reference sensitivity power level test requirements for CA\_n28A-n78A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2196 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Apple*

**Abstract:**

TP analysis in R5-232116 (CR 0757)

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

**R5-232278 Addition of refsence sensitivity for n3A-n77A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2205 Cat: F (Rel-17)  
  
 Source: KDDI Corporation*

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

**R5-232993 Correction to inter-band test frequencies exceptions in Rx CA test cases**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2276 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-232994 Correction to transmission power in 7.6.3 Out-of-band blocking**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2277 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

Depending on RAN4 CR R4-2307041

**Discussion:**

r1

**Decision:** The document was **revised to R5-233722**.

**R5-233722 Correction to transmission power in 7.6.3 Out-of-band blocking**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2277 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-232994)

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

**R5-233088 Correction to REFSENS exceptions testing for CA\_n7A-n78A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2291 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Updating 38.905 in R5-233089

**Decision:** The document was **revised to R5-233525**.

**R5-233525 Correction to REFSENS exceptions testing for CA\_n7A-n78A**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2291 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233088)

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

**R5-233090 Correction to NS\_04 test configuration for Additional spurious emissions for UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2292 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

##### 5.4.4.3 Clauses 1-5, Annexes

**R5-232355 K1 and number of HARQ processes for CA exceptions updates**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2214 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd, Anritsu Limited, Rohde & Schwarz*

**Abstract:**

RAN4 Dependency R4-2307035

**Discussion:**

RAN4 CR R4-2307035 has been agreed.

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

**R5-232410 General updates of clause 5 for R17 new CBW configurations**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2221 Cat: F (Rel-17)  
  
 Source: CU Digital Technology, Nokia*

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

**R5-232995 Correction to K1 and PdschNumOfHarqProcess for DL CA**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2278 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

Depending on RAN4 CR R4-2307035

**Discussion:**

overlap with Keysight's R5-232355

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

**R5-232996 Update of Annex D.2 for interference signals lower than 2700 MHz**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2279 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-233087 Updating MU values for NR FR1 Relative power tolerance for UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2290 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

no -1!

r1

**Decision:** The document was **revised to R5-233549**.

**R5-233549 Updating MU values for NR FR1 Relative power tolerance for UL MIMO**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2290 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233087)

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

**R5-233172 Editorial correction in clause 5.5A.3.2**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2300 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

Editorial

**Discussion:**

"Editorial

Author confirmed conflict is under discussion

withdrawn CR and content merged into R5-232408(ChinaUnicom)"

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

**R5-233218 Corrections on the minimum guardband calculation for FR1**

*Type: CR For: Agreement  
 38.521-1 v17.8.0 CR-2309 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

RAN4 dependency R4-2307997

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

#### 5.4.5 TS 38.521-2

##### 5.4.5.1 Tx Requirements (Clause 6)

**R5-232165 PC1 - SEM test case update in 38.521-2**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0916 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-232170 FR2 PC3 - Network Analyzer MU and TT update in 38.521-2**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0918 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-232356 FR2 OBW CA - Test requirements misaligned with minimum requirements**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0919 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-232357 1RB allocation increased to accommodate PHR in 2UL CA tests**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0920 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd, Ericsson*

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

**R5-232628 Update of SE TRP Offsets**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0927 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

Discussion Paper in TDoc # matching this TDoc# - 1

**Discussion:**

r2

**Decision:** The document was **revised to R5-233702**.

**R5-233702 Update of SE TRP Offsets**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0927 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-232628)

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

**R5-232984 Definition of MU and requirements for FR2c**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0932 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

Depending on the outcome of MU discussion R5-232983

**Discussion:**

Under discussion for R5-232159, R5-232166, R5-232170

r2

**Decision:** The document was **revised to R5-233635**.

**R5-233635 Definition of MU and requirements for FR2c**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0932 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-232984)

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

**R5-232998 Correction to test procedure in Minimum output power test cases**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0933 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

Related CR: R5-233003

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

**R5-233027 Clarification of spurious emsission testing configuration - Part 2**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0937 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Related to R5-233026, R5-233028, R5-233029

**Discussion:**

r1

**Decision:** The document was **revised to R5-233544**.

**R5-233544 Clarification of spurious emsission testing configuration - Part 2**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0937 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233027)

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

**R5-233169 Update of Additional Spurious Emissions CA test cases**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0940 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

associated TP analysis in R5-233171, associated applicability in R5-233176

**Discussion:**

r1

**Decision:** The document was **revised to R5-233527**.

**R5-233527 Update of Additional Spurious Emissions CA test cases**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0940 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-233169)

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

**R5-233170 Update of Additional MPR CA test cases**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0941 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

associated TP analysis in R5-23xxxx

**Discussion:**

r1

**Decision:** The document was **revised to R5-233562**.

**R5-233562 Update of Additional MPR CA test cases**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0941 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-233170)

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

**R5-233191 Update to connection diagram of Spurious Emissions test cases**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0942 Cat: F (Rel-17)  
  
 Source: Bureau Veritas ADT, Qualcomm*

**Abstract:**

Agenda selected clause 6 but only covered changes to clause 7 for TC7.9

**Discussion:**

"Agenda selected clause 6 but only covered changes to clause 7 for TC7.9

Author confirmed no overlap/conflicts

no existing connection diagram possible for spur emission , document withdrawn"

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

**R5-233223 Update to test case 6.3.4.3 Relative power tolerance**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0948 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

"Discussion paper R5-233222

deferred pending agreement to prop1 of discussion paper R5-233222"

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

**R5-233225 FR2 Spectrum Emission Mask test procedure update**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0949 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd, Apple*

**Abstract:**

Clarification on detector used in FR2 Spectrum Emission Mask measurement.

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

##### 5.4.5.2 Rx Requirements (Clause 7)

**R5-232166 PC1 - ACS Case 1 and IBB test cases update in 38.521-2**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0917 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233636**.

**R5-233636 PC1 - ACS Case 1 and IBB test cases update in 38.521-2**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0917 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-232166)

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

**R5-232629 Update of SE TRP Offsets**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0928 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

Discussion Paper in TDoc # matching this TDoc# - 2

**Discussion:**

r1

**Decision:** The document was **revised to R5-233637**.

**R5-233637 Update of SE TRP Offsets**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0928 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-232629)

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

**R5-232999 Correction to F\_Interferer\_offset in ACS and In-band blocking test cases**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0934 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

same correction as R5-233214/R5-233215

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

**R5-233214 Corrections on test parameters for adjacent channel selectivity for FR2**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0945 Cat: F (Rel-17)  
  
 Source: ZTE Corporation, Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233578**.

**R5-233578 Corrections on test parameters for adjacent channel selectivity for FR2**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0945 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation, Anritsu*

(Replaces R5-233214)

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

**R5-233215 Corrections on test parameters for blocking characteristics for FR2**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0946 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233579**.

**R5-233579 Corrections on test parameters for blocking characteristics for FR2**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0946 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-233215)

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

##### 5.4.5.3 Clauses 1-5, Annexes

**R5-232630 Update of Fine SE TRP Grids**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0929 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

Discussion Paper in TDoc # matching this TDoc# - 3

**Decision:** The document was **revised to R5-233641**.

**R5-233641 Update of Fine SE TRP Grids**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0929 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-232630)

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

**R5-232632 Clarification of QoQZ TRP Grids**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0930 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-232634 Clarification of Example DUT Coordinate System**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0931 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-233000 Addition of Annex Q.2 for Relative Phase Error Measurement**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0935 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233723**.

**R5-233723 Addition of Annex Q.2 for Relative Phase Error Measurement**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0935 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-233000)

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

**R5-233024 Adding noise impact of PC1 minimum output power in Annex F**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0936 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-233219 Corrections on the minimum guardband calculation for FR2**

*Type: CR For: Agreement  
 38.521-2 v17.2.0 CR-0947 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

RAN4 dependency R4-2308001

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

#### 5.4.6 TS 38.521-3

##### 5.4.6.1 Tx Requirements (Clause 6)

**R5-232358 NSA beam correspondence test applicability inconsistent with SA test**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1595 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233724**.

**R5-233724 NSA beam correspondence test applicability inconsistent with SA test**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1595 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-232358)

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

**R5-232380 Correction of Spurious emissions for UE co-existence requirement of ENDC**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1597 Cat: F (Rel-17)  
  
 Source: CAICT*

**Abstract:**

Discussion in R5-232374.

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

**R5-232514 Update the Initial Conditions of four 6.2B.x TCs**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1601 Cat: F (Rel-17)  
  
 Source: SGS Wireless*

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

**R5-232623 Adding SE Coex Inter band ENDC FR2 UL-MIMO test case**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1604 Cat: F (Rel-17)  
  
 Source: Qualcomm Tech. Netherlands B.V*

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

**R5-232753 Correction to 6.2B.4.1.3 configured output power for EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1606 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r3

**Decision:** The document was **revised to R5-233725**.

**R5-233725 Correction to 6.2B.4.1.3 configured output power for EN-DC**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1606 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-232753)

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

**R5-232754 Correction to test ID for PC2 fallback PC3 testing**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1607 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-233001 Correction to reference of RMC for E-UTRA TDD in FR1 EN-DC test cases**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1612 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-233002 Correction to 6.2B.4.1.3 and editorial correction to Tx test cases**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1613 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-233003 Correction to test procedure in FR2 EN-DC Minimum output power test cases**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1614 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

Related CR: R5-232998

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

**R5-233025 Adding time delay to intra-band EN-DC test cases**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1615 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-233028 Clarification of spurious emsission testing configuration - Part 3**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1616 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Related to R5-233026, R5-233027, R5-233029

**Discussion:**

r1

**Decision:** The document was **revised to R5-233545**.

**R5-233545 Clarification of spurious emsission testing configuration - Part 3**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1616 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233028)

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

**R5-233168 Addition of Additional Spurious Emissions FR2 CA test cases**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1618 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

associated applicability update in CR R5-233176

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

##### 5.4.6.2 Rx Requirements (Clause 7)

**R5-232607 Update Ref sense for DC\_38A\_n78A, DC\_18A\_n77A and DC\_19A\_n77A**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1602 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

**Abstract:**

TP analysis is covered by R5-232606

**Discussion:**

r1

**Decision:** The document was **revised to R5-233520**.

**R5-233520 Update Ref sense for DC\_38A\_n78A, DC\_18A\_n77A and DC\_19A\_n77A**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1602 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

(Replaces R5-232607)

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

**R5-232773 Addition of reference sensitivity for 19A\_n77A**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1609 Cat: F (Rel-17)  
  
 Source: DOCOMO Communications Lab.*

**Discussion:**

overlapping with R5-232607.

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

**R5-233175 Update of in-band blocking for CA test cases**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1619 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

associated applicability update in CR R5-233177

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

##### 5.4.6.3 Clauses 1-5, Annexes

**R5-232167 FR2 MUs - Editor notes updates in 38.521-3**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1589 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233638**.

**R5-233638 FR2 MUs - Editor notes updates in 38.521-3**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1589 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-232167)

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

**R5-233182 Update to R15 Configuration for DC**

*Type: CR For: Agreement  
 38.521-3 v17.8.0 CR-1620 Cat: F (Rel-17)  
  
 Source: Bureau Veritas ADT, KDDI*

**Abstract:**

TS38.521-3 clause 5 jumbo CR for WIC "TEI15\_Test, 5GS\_NR\_LTE-UEConTest"

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

#### 5.4.7 TS 38.521-4

##### 5.4.7.1 Conducted Demod Performance and CSI Reporting Requirements (Clauses 5&6)

**R5-232528 Correction to Rel-16 NR HST DPS cases**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0655 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233726**.

**R5-233726 Correction to Rel-16 NR HST DPS cases**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0655 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-232528)

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

**R5-232853 Updates to Power Saving test cases**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0675 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

**Discussion:**

WIC TEI16\_Test, NR\_UE\_pow\_sav-UEConTest

r1

**Decision:** The document was **revised to R5-233737**.

**R5-233737 Updates to Power Saving test cases**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0675 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

(Replaces R5-232853)

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

**R5-232858 Addition of PDSCH TC's for 3DLCA and 4DLCA with power imbalance**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0680 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

**Discussion:**

WIC TEI16\_Test, NR\_perf\_enh-UEConTest

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

**R5-232859 Addition of NR-DC SDR test case**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0681 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

**Discussion:**

WIC TEI16\_Test, NR\_perf\_enh-UEConTest!

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

**R5-232863 Corrections to clause 5.5 SDR test cases**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0683 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

**Abstract:**

RAN4 dependency CR R4-2307051

**Discussion:**

WIC TEI16\_Test, NR\_perf\_enh-UEConTest!

for email agreement

. The changes to PDCCH configuration agreed in R4-2309882 is already present in the 38.521-4 spec.

Email agreed

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

**R5-232864 Corrections to Annex A.3.2\_1.2**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0684 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

**Discussion:**

WIC TEI15\_Test, 5GS\_NR\_LTE-UEConTest!

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

**R5-232867 Correction to reportQuantity value for 1Tx CQI CA test cases**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0687 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

**Discussion:**

WIC TEI16\_Test, NR\_perf\_enh-UEConTest!

for email agreement

r1

Changes are now inline with R4-2309881.

**Decision:** The document was **revised to R5-233774**.

**R5-233774 Correction to reportQuantity value for 1Tx CQI CA test cases**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0687 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm Europe Inc. Sweden*

(Replaces R5-232867)

**Discussion:**

Email agreed

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

**R5-233005 Correction to Candidate CCEs in 5.5A.1.1**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0693 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

Depending on RAN4 CR R4-2307086

**Discussion:**

for email agreement

R4-2307086 -> revised to R4-2309882, R4-2309882 was agreed.

Email agreed

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

**R5-233006 Correction to K1 settings in 5.5A.1.1**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0694 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-233007 Correction to message exception in 6.2A.3.1.1**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0695 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-233008 Correction to K1 settings in 6.2A.3.1.1**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0696 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-233009 Correction to message exception in 6.2A.3.1.2 and 6.2A.3.1.3**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0697 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

"offline discussions between KEYS and Anritsu

KEYS objects to the CR as not needed , Anritsu withdraw the CR pending further clarification in future meeting"

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

**R5-233217 Corrections on the applicability of demodulation performance requirements**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0713 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

17.2.0!

r1

**Decision:** The document was **revised to R5-233603**.

**R5-233603 Corrections on the applicability of demodulation performance requirements**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0713 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-233217)

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

##### 5.4.7.2 Radiated Demod Performance and CSI Reporting Requirements (Clauses 7&8)

##### 5.4.7.3 Interworking Demod Performance and CSI Reporting Requirements (Clauses 9&10)

##### 5.4.7.4 Clauses 1-4, Annexes

**R5-232384 Correction of Table F.1.1.3 additional 4Tx uncertainty**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0653 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-232653 Correction to Annex B.2 for TDLD Delay profile**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0666 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Abstract:**

Correction to Annex B.2 for TDLD Delay profile

**Discussion:**

BV: the content you added is not covered in TS38.101-4 v15.17.0. Since you are using WIC under “TEI15\_Test”, could you please comment which test cases under release 15 work item is using this prof.

Mediatek: the content is more suitable for WI DL1024QAM. Part of my change is beyond the need.

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

**R5-233004 Update of Noc levels for n259 or PC2**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0692 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233602**.

**R5-233602 Update of Noc levels for n259 or PC2**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0692 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-233004)

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

**R5-233208 Corrections on general sections for RF performance requirements**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0712 Cat: F (Rel-17)  
  
 Source: ZTE Corporation, Anritsu*

**Discussion:**

17.2.0!

overlapping with R5-233004

r1

**Decision:** The document was **revised to R5-233601**.

**R5-233601 Corrections on general sections for RF performance requirements**

*Type: CR For: Agreement  
 38.521-4 v17.2.1 CR-0712 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation, Anritsu*

(Replaces R5-233208)

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

#### 5.4.8 TS 38.522

**R5-232667 Update to RRM applicability rules and test optimization - 38.522**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0277 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Decision:** The document was **revised to R5-233691**.

**R5-233691 Update to RRM applicability rules and test optimization - 38.522**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0277 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232667)

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

**R5-232756 Correction to test applicability for UL MIMO test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0279 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232771 Correction to applicability for performance test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0280 Cat: F (Rel-17)  
  
 Source: TTA*

**Decision:** The document was **revised to R5-233692**.

**R5-233692 Correction to applicability for performance test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0280 rev 1 Cat: F (Rel-17)  
  
 Source: TTA*

(Replaces R5-232771)

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

**R5-233159 Update 38.522 for 6.2.1 and 6.2G.1**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0292 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd*

**Discussion:**

"LATE DOCUMENT

Original uploaded ontime tdoc have extra space to cause not link correctly.

File re-upload by Author

test procedure handles the branch with PICS , no need for .522 CR. Deferred for more offline on the need of the CR

withdrawn due to lack of consensus"

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

**R5-233176 Update of applicability for FR2 CA test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0293 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

associated TC CR in R5-233168 and R5-233169

**Discussion:**

r1

align with the agreed proposal in discussion paper R5-232823: Note 1 has been moved to the branch column.

r2

**Decision:** The document was **revised to R5-233727**.

**R5-233727 Update of applicability for FR2 CA test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0293 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-233176)

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

**R5-233177 Update applicability for in-band blocking FR2 CA test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0294 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

associated TC CR in R5-233175

**Discussion:**

Bureau Veritas: applicability entries in TS 38.522 must be marked as void rather than being completely deleted.

Late revision

**Decision:** The document was **revised to R5-233778**.

**R5-233778 Update applicability for in-band blocking FR2 CA test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0294 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-233177)

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

**R5-233180 Correction to applicability of 5G test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0295 Cat: F (Rel-17)  
  
 Source: Bureau Veritas ADT, SGS Wireless, Sporton, TTA*

**Abstract:**

TS38.522 jumbo CR for WIC "TEI15\_Test, 5GS\_NR\_LTE-UEConTest"

**Discussion:**

r3

**Decision:** The document was **revised to R5-233728**.

**R5-233728 Correction to applicability of 5G test cases**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0295 rev 1 Cat: F (Rel-17)  
  
 Source: Bureau Veritas ADT, SGS Wireless, Sporton, TTA*

(Replaces R5-233180)

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

**R5-233181 Update to handle the test case applicability with different branches**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0296 Cat: F (Rel-17)  
  
 Source: Bureau Veritas ADT, CMCC, Sporton*

**Abstract:**

Associated discussion paper R5-232823

**Discussion:**

r1

**Decision:** The document was **revised to R5-233685**.

**R5-233685 Update to handle the test case applicability with different branches**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0296 rev 1 Cat: F (Rel-17)  
  
 Source: Bureau Veritas ADT, CMCC, Sporton*

(Replaces R5-233181)

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

**R5-233264 Applicability update for FR2 TCI state switch tests**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0299 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233693**.

**R5-233693 Applicability update for FR2 TCI state switch tests**

*Type: CR For: Agreement  
 38.522 v17.8.0 CR-0299 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-233264)

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

#### 5.4.9 TS 38.533

**R5-232914 Correction of FR2 Inter-freq measurement accuracy test cases including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2425 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

AI!

"3GU issues found: AI allocation to TOP AI - shall be to sub-AI!!!

3GU allocation: 5.4.9 / sub-AIs found: 5.4.9.1 ...

5/24 Moderator(E///): Pending the discussion outcome of R5-232911"

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

##### 5.4.9.1 EN-DC with all NR cells in FR1 (Clause 4)

**R5-232175 Correction to Test frequencies reference for active BWP switch TCs: 4.5.6.1.1, 4.5.6.1.2, 4.5.6.2.1**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2354 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

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

**R5-232176 Clarification to test procedure for EN-DC active BWP switch TCs: 4.5.6.1.1, 4.5.6.1.2, 4.5.6.2.1**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2355 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233624**.

**R5-233624 Clarification to test procedure for EN-DC active BWP switch TCs: 4.5.6.1.1, 4.5.6.1.2, 4.5.6.2.1**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2355 rev 1 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

(Replaces R5-232176)

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

**R5-232491 Correction to EN DC RRM TC 4.6.2.x FR1 interFreq**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2399 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Starpoint*

**Abstract:**

RAN4 dependency R4-2308287

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

**R5-232679 Update to SCell activation and deactivation test cases**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2423 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

17.6.0!

r1

**Decision:** The document was **revised to R5-233625**.

**R5-233625 Update to SCell activation and deactivation test cases**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2423 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232679)

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

**R5-233011 Correction to message exception in FR1 BWP Switching test cases**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2440 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-233134 Correction in RRM TC 4.5.2.5 TC Procedure**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2449 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

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

**R5-233136 Removal of duplicated table in A.1.4.2-3**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2450 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

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

**R5-233138 Core spec alignment for antenna configuration for 4.5.3 TCs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2452 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

**Abstract:**

RAN4#107 t-doc R4-2307149

**Discussion:**

r1

**Decision:** The document was **revised to R5-233729**.

**R5-233729 Core spec alignment for antenna configuration for 4.5.3 TCs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2452 rev 1 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

(Replaces R5-233138)

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

**R5-233141 T3 correction of SSB\_RP for TC 5.5.5.1**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2455 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233626**.

**R5-233626 T3 correction of SSB\_RP for TC 5.5.5.1**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2455 rev 1 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

(Replaces R5-233141)

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

##### 5.4.9.2 NE-DC with all NR cells in FR1 (Clause 4A)

##### 5.4.9.3 EN-DC with at least 1 NR Cell in FR2 (Clause5)

**R5-232305 Correction to FR2 BFD and LR including TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2368 Cat: F (Rel-17)  
  
 Source: Anritsu, Huawei, HiSilicon*

**Abstract:**

Associated RAN4 CR R4-2300115. (Agreed at RAN4 #106)

Depends on outcome of MU discussion R5-232306

**Discussion:**

4 WICs! ->2

remove changes related to TCs from 5.5.5.6 to 5.5.5.7 and from 7.5.5.6 to 7.5.5.7 including TT related requirement in F.1.3.2.

r2

**Decision:** The document was **revised to R5-233665**.

**R5-233297 Correction to FR2 BFD and LR**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2460 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

split #1 from R5-232305.

changes only related to TC 5.5.5.6, 5.5.5.7, 7.5.5.6 and 7.5.5.7 also with TT related requirement in F.1.3.2.

Associated RAN4 CR R4-2300115.

**Discussion:**

r1

**Decision:** The document was **revised to R5-233666**.

**R5-233665 Correction to FR2 BFD and LR including TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2368 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu, Huawei, HiSilicon*

(Replaces R5-232305)

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

**R5-233666 Correction to FR2 BFD and LR**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2460 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-233297)

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

**R5-232307 Correction to EN-DC FR2 RLM tests for PSCell configured with CSI-RS-based RLM RS including TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2369 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

Associated RAN4 CR R4-2300112.

Depends on outcome of MU discussion R5-232308

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

**R5-232450 Update of RRM Test Case 5.5.3.1 EN-DC FR2 SCell activation and deactivation intra-band in non-DRX including Test Tolerance**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2372 Cat: F (Rel-17)  
  
 Source: Sporton*

**Discussion:**

#98!

reissued as R5-233288 to remove 'including Test Tolerance'

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

**R5-233288 Update of RRM Test Case 5.5.3.1 EN-DC FR2 SCell activation and deactivation intra-band in non-DRX**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2459 Cat: F (Rel-17)  
  
 Source: Sporton*

**Abstract:**

reissued from R5-232450 because of title change

**Discussion:**

r1

**Decision:** The document was **revised to R5-233628**.

**R5-233628 Update of RRM Test Case 5.5.3.1 EN-DC FR2 SCell activation and deactivation intra-band in non-DRX**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2459 rev 1 Cat: F (Rel-17)  
  
 Source: Sporton*

(Replaces R5-233288)

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

**R5-232982 Correction to CSI RS based L1-RSRP measurement test 5.6.3.4**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2439 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-233012 Correction to ssb-ToMeasure setting in 5.6.1.1 and 5.6.1.3**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2441 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-233013 Correction to CellGroupConfig in 5.5.6.2.1**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2442 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-233014 Editorial correction to reference of AoA setup**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2443 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

Editorial

**Discussion:**

overlap with R5-232229.

r1

**Decision:** The document was **revised to R5-233627**.

**R5-233627 Editorial correction to reference of AoA setup**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2443 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-233014)

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

**R5-233137 Core spec alignment for TC 5.5.1.7**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2451 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

**Abstract:**

RAN4#107 t-doc R4-2307149

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

**R5-233140 PDCCH Config correction for FR2 beam failure detection and link recovery TCs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2454 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

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

##### 5.4.9.4 NR Standalone in FR1 (Clause 6)

**R5-232174 Core spec alignment for SMTC value for TC 6.1.1.1**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2353 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

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

**R5-232177 Clarification to test procedure for SA active BWP switch TCs: 6.5.6.1.1, 6.5.6.1.2, 6.5.6.2.1**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2356 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233629**.

**R5-233629 Clarification to test procedure for SA active BWP switch TCs: 6.5.6.1.1, 6.5.6.1.2, 6.5.6.2.1**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2356 rev 1 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

(Replaces R5-232177)

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

**R5-232492 Correction to NR SA RRM TC 6.6.2.x FR1 interFreq**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2400 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Starpoint*

**Abstract:**

RAN4 dependency R4-2308287

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

**R5-232666 Update to RRM idle mode HST test cases**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2414 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Abstract:**

dependency R4-2307260

**Discussion:**

17.6.0!

r1

**Decision:** The document was **revised to R5-233740**.

**R5-233740 Update to RRM idle mode HST test cases**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2414 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232666)

**Discussion:**

for email agreement

R4-2307260, revised into R4-2310107, has been agreed at RAN4.

Email agreed

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

**R5-232677 TT update for test cases 6.6.3.1 and 6.6.3.2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2421 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

17.6.0!

r1

**Decision:** The document was **revised to R5-233667**.

**R5-233667 TT update for test cases 6.6.3.1 and 6.6.3.2**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2421 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232677)

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

**R5-233019 Corrections to RRM HST 6.1.1.7 test case**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2447 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

Depending on RAN4 CR R4-2307179

**Discussion:**

for email agreement

Final agreed R4-2310106 fixes some editorial corrections in TS 38.133 that do not affect R5-233019.

Email agreed

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

**R5-233139 Core spec alignment for antenna configuration for 6.5.3 TCs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2453 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

**Abstract:**

RAN4#107 t-doc R4-2307149

**Discussion:**

r1

**Decision:** The document was **revised to R5-233730**.

**R5-233730 Core spec alignment for antenna configuration for 6.5.3 TCs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2453 rev 1 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

(Replaces R5-233139)

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

##### 5.4.9.5 NR standalone with at least one NR cell in FR2 (Clause7)

**R5-232661 Addition of NR SA FR2 active TCI state switch test cases 7.5.8.1.1 and 7.5.8.2.1 with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2410 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

17.6.0!

r1

**Decision:** The document was **revised to R5-233645**.

**R5-233645 Addition of NR SA FR2 active TCI state switch test cases 7.5.8.1.1 and 7.5.8.2.1 with TT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2410 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232661)

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

**R5-232680 Correction to test applicability for SA FR2 test cases**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2424 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

17.6.0!

r1

**Decision:** The document was **revised to R5-233630**.

**R5-233630 Correction to test applicability for SA FR2 test cases**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2424 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-232680)

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

**R5-233266 Correction for multi-TRP test case 7.5.5.9**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2457 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

17.6.0!

r1

**Decision:** The document was **revised to R5-233741**.

**R5-233741 Correction for multi-TRP test case 7.5.5.9**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2457 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-233266)

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

##### 5.4.9.6 E-UTRA – NR Inter-RAT with E-UTRA serving cell (Clause 8)

**R5-232493 Correction to NR SA RRM TC 8.4.2.x FR2 interRAT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2401 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

RAN4 dependency R4-2308283

**Discussion:**

r1

**Decision:** The document was **revised to R5-233756**.

**R5-233756 Correction to NR SA RRM TC 8.4.2.x FR2 interRAT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2401 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-232493)

**Discussion:**

for email agreement

RAN4 CR R4-2310103 (revised from: R4-2308283) was agreed.

r1

**Decision:** The document was **revised to R5-233775**.

**R5-233775 Correction to NR SA RRM TC 8.4.2.x FR2 interRAT**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2401 rev 2 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233756)

**Discussion:**

Email agreed

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

**R5-233267 Update to L2N latency test cases**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2458 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Abstract:**

dependency R4-2307133

**Discussion:**

17.6.0!

r1

**Decision:** The document was **revised to R5-233742**.

**R5-233742 Update to L2N latency test cases**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2458 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

(Replaces R5-233267)

**Discussion:**

for email agreement

R4-2307133 has been agreed at RAN4.

Email agreed

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

##### 5.4.9.7 Clauses 1-3, Annexes

**R5-232494 Correction to Annex H for NR RRM TCs**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2402 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon, Starpoint*

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

**R5-233015 Correction to entries of FR2 RLM config in Annex H**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2444 Cat: F (Rel-17)  
  
 Source: Anritsu*

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

**R5-233018 2AoA Relative angular offset between active probes for PC1 devices**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2446 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

Depending on RAN4 CR R4-2307175

**Discussion:**

"Depending on RAN4 CR R4-2307175

dependent RAN4 CR is not concluded. KEYS request to verdict the CR as not pursued instead of withdrawn"

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

#### 5.4.10 TS 36.508

#### 5.4.11 TS 36.521-3

#### 5.4.12 TS 37.571-1

#### 5.4.13 TS 37.571-3

#### 5.4.14 TS 37.571-5

#### 5.4.15 TR 38.903 (NR MU & TT analyses)

**R5-232161 FR2 MUs - General Update in 38.903 section B.2.2**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0506 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233639**.

**R5-233639 FR2 MUs - General Update in 38.903 section B.2.2**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0506 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-232161)

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

**R5-232163 PC1 MU - definition for SEM test case in 38.903**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0507 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

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

**R5-232164 PC1 MU - definition for ACS Case 1 and IBB test cases in 38.903**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0508 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

"Discussion paper R5-232162

5/23:

Moderator (AT&T): No comments on the CR and it aligns with the outcome of the discussion paper. This paper can be provisionally agreed."

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

**R5-232169 FR2 PC3 - Network Analyzer MU update in 38.903**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0509 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

>i< typo

r1

**Decision:** The document was **revised to R5-233640**.

**R5-233640 FR2 PC3 - Network Analyzer MU update in 38.903**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0509 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-232169)

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

**R5-232306 Replacement of TT analysis for FR2 BFD and BFR**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0512 Cat: F (Rel-17)  
  
 Source: Anritsu, Huawei, HiSilicon*

**Abstract:**

Associated RAN4 CR R4-2300115. (Agreed at RAN4 #106)

Associated RAN5 CR R5-232305.

**Discussion:**

4 WICs!-> 2

split to R5-233299

remove TC numbers 17.5.2.3, 17.5.2.4 and 17.5.2.5 in Table 8-2.

r1

**Decision:** The document was **revised to R5-233644**.

**R5-233644 Replacement of TT analysis for FR2 BFD and BFR**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0512 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu, Huawei, HiSilicon*

(Replaces R5-232306)

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

**R5-232308 Update of Test Tolerance analyses for EN-DC FR2 RLM tests for PSCell configured with CSI-RS-based RLM RS**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0513 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

Associated RAN4 CR R4-2300112.

Associated RAN5 CR R5-232307.

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

**R5-232631 Removal of Offsets in B.18**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0525 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

Discussion Paper in TDoc # matching this TDoc# - 4

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

**R5-232662 Addition of TT analysis for TCI state switch test cases 7.5.8.1.1 and 7.5.8.2.1**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0528 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

**Discussion:**

QC: withdrawing the RRM TT analysis presented in R5-232662 since we need RAN4 changes (reduce allocated RBs from 66 to 24) to accommodate for max Io < -50dBm requirement

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

**R5-232676 Addition of TT analysis for test cases 6.6.3.1 and 6.6.3.2**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0529 Cat: F (Rel-17)  
  
 Source: Qualcomm France*

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

**R5-232757 Correction to test tolerance analysis for 5.6.6.1 and 7.6.6.1**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0530 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

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

**R5-232912 Correction of UE gain parameters**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0532 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**R5-232913 Correction of Test Tolerance analysis for Inter-frequency SS-RSRP measurement accuracy tests in FR2**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0533 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

filename +

r1

**Decision:** The document was **revised to R5-233643**.

**R5-233643 Correction of Test Tolerance analysis for Inter-frequency SS-RSRP measurement accuracy tests in FR2**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0533 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-232913)

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

**R5-232985 Definition of MU for FR2c**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0536 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

Depending on the outcome of MU discussion R5-232983

**Discussion:**

"Depending on the outcome of MU discussion R5-232983

5/23:

Moderator (AT&T): Anritsu confirmed that this CR can be withdrawn based on the outcome of the discussion paper.

Author requested withdrawn"

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

**R5-233017 Editorial correction to Annex B**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0537 Cat: F (Rel-17)  
  
 Source: Anritsu*

**Abstract:**

Editorial

**Discussion:**

r1

**Decision:** The document was **revised to R5-233695**.

**R5-233695 Editorial correction to Annex B**

*Type: CR For: Agreement  
 38.903 v17.1.0 CR-0537 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu*

(Replaces R5-233017)

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

#### 5.4.16 TR 38.905 (NR Test Points Radio Transmission and Reception )

**R5-232116 Introduction of reference sensitivity test point analysis for CA\_n28A-n78A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0757 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Requirement CRs in R5-232117 (CR 2195), R5-232119 (CR 2196)

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

**R5-232351 TP analysis update for FR2 2 UL CA Tx tests to support PHR method**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0760 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd, Ericsson*

**Abstract:**

CR R5-232357

**Discussion:**

R5-???

r1

**Decision:** The document was **revised to R5-233518**.

**R5-233518 TP analysis update for FR2 2 UL CA Tx tests to support PHR method**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0760 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd, Ericsson*

(Replaces R5-232351)

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

**R5-232352 FR1 MPR - ACLR - SEM - TP analysis update for almost contiguous RB allocation**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0761 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

**Decision:** The document was **revised to R5-233521**.

**R5-233521 FR1 MPR - ACLR - SEM - TP analysis update for almost contiguous RB allocation**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0761 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-232352)

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

**R5-232606 Ref sensitivity TP selection for DC\_38A\_n78A DC\_18A\_n77A and DC\_19A\_n77A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0765 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd, DOCOMO Communications Lab*

**Abstract:**

Test case update in R5-232607

**Discussion:**

r1

**Decision:** The document was **revised to R5-233519**.

**R5-233519 Ref sensitivity TP selection for DC\_38A\_n78A DC\_18A\_n77A and DC\_19A\_n77A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0765 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm India Pvt Ltd, DOCOMO Communications Lab*

(Replaces R5-232606)

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

**R5-232707 Addition of reference sensitivity test point analysis for n3A-n77A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0768 Cat: F (Rel-17)  
  
 Source: KDDI Corporation*

**Abstract:**

TP analysis R5-232278

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

**R5-232720 Addition of reference sensitivity test point analysis for 19A\_n77A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0771 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO INC.*

**Discussion:**

overlapping with R5-232606.

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

**R5-232755 Correction to test point analysis for FR1 test cases**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0772 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233522**.

**R5-233522 Correction to test point analysis for FR1 test cases**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0772 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-232755)

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

**R5-232881 Clarification/improvement of clause B9.**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0777 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to R5-233523**.

**R5-233523 Clarification/improvement of clause B9.**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0777 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-232881)

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

**R5-232976 Introduction of TP analysis for A-MPR - New NR band n13**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0778 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Requirement CRs in R5-232977…2980 (CRs 2272…2275)

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

**R5-233089 Updating REFSENS exception test frequency selection for CA\_n7A-n78A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0779 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

TC in R5-233088

**Decision:** The document was **revised to R5-233526**.

**R5-233526 Updating REFSENS exception test frequency selection for CA\_n7A-n78A**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0779 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233089)

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

**R5-233171 Addition of Test Point Analysis for CA\_NS\_202**

*Type: CR For: Agreement  
 38.905 v17.8.0 CR-0782 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Abstract:**

associated TC update in CR R5-233169

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

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

**R5-232162 On FR2 PC1 Priority 1 test cases pending for FR2b**

*Type: discussion For: Endorsement  
 38.521-2 v..  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

CRs • R5-232163, R5-232164, R5-232165, R5-232166, R5-232167

**Discussion:**

Proposal 1 – Can be noted.

Proposal 2 – Can be endorsed.

"Associated CRs R5-232163, R5-232164, R5-232165, R5-232166, R5-232167

5/19: Offline discussions are occurring.

5/22:

Moderator (AT&T): Based on offline discussions, Keysight commented that Proposal 2 can be endorsed. This paper can be noted and Proposal 2 can be endorsed.

Noted and Proposal 2 endorsed"

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

**R5-232168 On the network analyzer uncertainty for PC3 in FR2**

*Type: discussion For: Endorsement  
 38.521-2 v..  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

CRs • R5-232169, R5-232170

**Discussion:**

"Associated CRs R5-232169, R5-232170

5/23:

Moderator (AT&T): No comments received to date. This paper can be noted and Proposals 1 and 2 can be endorsed.

Noted and Proposal 1 and 2 are endorsed"

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

**R5-232374 Discussion on spurious emission for UE co-existence requirement**

*Type: discussion For: Endorsement  
 Source: CAICT*

**Abstract:**

Corresponding CRs: From R5-232375 to R5-232380.

**Discussion:**

"Corresponding CRs: From R5-232375 to R5-232380; RF AP#98.22

Associated RAN4 discussion R4-2307117

QC: wait for RAn4 discussions to conclude. R5-233205 has proposals different ways to handle this issue

document noted pending Ran4 discussions , also withdraw 232375, 232376, 232377-380"

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

**R5-232627 Spurious Emissions TRP Measurement Grids using Offset Approach**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

5/19: Offline discussions are occurring.

5/22:

Moderator (AT&T): Keysight commented that the offline discussions are related to the CRs R5-232628 and R5-232629 instead of discussion paper R5-232627. The set of proposals are not fully independenty. Based on the approach used in the CRs (split frequency range concept is not adopted), this paper can be noted and proposals 1, 3, 6, and 7 can be endorsed.

Noted and Proposal 1, 3, 6, 7 are endorsed

The endorsement of Proposal 6 does not preclude the addition of further coarse measurement grids and offsets in future meetings

**Decision:** The document was **noted**.

**R5-232633 On MU Threshold for RRM FR2 PC1**

*Type: discussion For: Endorsement  
 Source: Keysight Technologies UK Ltd*

**Abstract:**

FR2 MU3

**Discussion:**

"5/12:

Moderator (AT&T): The draft for this paper was submitted after the deadline for RRM FR2 MU docs. It will not be treated. The paper can be noted."

**Decision:** The document was **noted**.

**R5-232660 Discussion on affected list of RRM test cases with testability issues**

*Type: discussion For: Endorsement  
 Source: Qualcomm France*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233696**.

**R5-233696 Discussion on affected list of RRM test cases with testability issues**

*Type: discussion For: Endorsement  
 Source: Qualcomm France*

(Replaces R5-232660)

**Discussion:**

"Revised from: R5-232660r1.

noted, proposals are endorsed"

**Decision:** The document was **noted**.

**R5-232668 Discussion on RRM test grouping**

*Type: discussion For: Endorsement  
 Source: Qualcomm France*

**Discussion:**

"Associated CR R5-232667

Document noted prop1 and 2 endorsed"

**Decision:** The document was **noted**.

**R5-232673 Discussion on signal variation and balancing in FR2 multiple AoA setups**

*Type: discussion For: Endorsement  
 Source: Qualcomm France*

**Discussion:**

variance->-ation

"Offline database updated title from ""variance"" to ""variation""

deferred for more offline on prop2 , instead of ls to RAN4 suggest RAN5 solution to be evaluated. Prop1 endorsable , draft ls to ran4

associated LS out R5-233671

noted, prop1 endorsed"

**Decision:** The document was **noted**.

**R5-232823 Discussion on handling of test case applicability with different branches**

*Type: discussion For: Endorsement  
 Source: CMCC, BV ADT, Sporton*

**Discussion:**

-> RF agenda (topic specific to TS 38.522?)

"Agenda Allocation was changed: [4.2.1]->[5.4.17].

Associated CR R5-233181, R5-232789

noted proposed endorsed"

**Decision:** The document was **noted**.

**R5-232910 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 **revised to R5-233634**.

**R5-233634 FR2 RRM test cases: Known Issue List**

*Type: discussion For: Information  
 Source: Ericsson*

(Replaces R5-232910)

**Decision:** The document was **noted**.

**R5-232911 Discussion on additional UE gain parameters in FR2 RRM testing**

*Type: discussion For: Information  
 Source: Ericsson*

**Decision:** The document was **revised to R5-233642**.

**R5-233642 Discussion on additional UE gain parameters in FR2 RRM testing**

*Type: discussion For: Information  
 Source: Ericsson*

(Replaces R5-232911)

**Discussion:**

"Revised from: R5-232911.

noted , prop1 updated to send ls to ran4 to clarify the impact to all fr2 rrm tests , prop2 endorsed to capture the issue "

**Decision:** The document was **noted**.

**R5-232983 MU discussion on FR2c**

*Type: discussion For: Endorsement  
 Source: Anritsu*

**Abstract:**

Associated CR: R5-232984, R5-232985

**Discussion:**

"Associated CR: R5-232984, R5-232985

5/18: Related paper in R5-233174. Offline discussions are occurring. Keysight asks to postpone until the next meeting.

5/23:

Moderator (AT&T): R&S and Keysight confirmed that P1 can be agreed. This paper can be noted and Proposal 1 can be endorsed.

Noted and Proposal 1 endorsed"

**Decision:** The document was **noted**.

**R5-232987 Discussion on power settings in FR1 EVM including symbols with transient period**

*Type: discussion For: Endorsement  
 Source: Anritsu, Apple Inc*

**Abstract:**

AP#97.27

**Discussion:**

r2

**Decision:** The document was **revised to R5-233697**.

**R5-233697 Discussion on power settings in FR1 EVM including symbols with transient period**

*Type: discussion For: Endorsement  
 Source: Anritsu, Apple Inc*

(Replaces R5-232987)

**Discussion:**

"Revised from: R5-232987r2.

noted , prop3 &4 endorsed"

Bluetest uploaded wrong doc.

**Decision:** The document was **revised to R5-233760**.

**R5-233760 Discussion on power settings in FR1 EVM including symbols with transient period**

*Type: discussion For: Endorsement  
 Source: Anritsu, Apple Inc*

(Replaces R5-233697)

**Decision:** The document was **noted**.

**R5-233095 Discussion on handling of test frequencies for band n79 10MHz channel bandwidth**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon, Keysight*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233698**.

**R5-233698 Discussion on handling of test frequencies for band n79 10MHz channel bandwidth**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon, Keysight*

(Replaces R5-233095)

**Discussion:**

"Revised from: R5-233095r1.

noted prop1 endorsed"

**Decision:** The document was **noted**.

**R5-233174 On the MU for n259**

*Type: discussion For: Endorsement  
 Source: ROHDE & SCHWARZ*

**Discussion:**

"5/18: Related paper in R5-232983. Offline discussions are occurring. Keysight asks to postpone until the next meeting.

5/21:

Moderator (AT&T): R&S confirmed that P1 of R5-232983 can be agreed and R5-233174 can be noted.

Document Noted"

**Decision:** The document was **noted**.

**R5-233222 Testability issue in FR2 Relative Power Control test case**

*Type: discussion For: Endorsement  
 38.521-2 v..  
 Source: Ericsson India Private Limited*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233701**.

**R5-233701 Testability issue in FR2 Relative Power Control test case**

*Type: discussion For: Endorsement  
 38.521-2 v..  
 Source: Ericsson India Private Limited*

(Replaces R5-233222)

**Discussion:**

"Revised from: R5-233222r1.

noted , prop3 endorsed"

**Decision:** The document was **noted**.

### 5.5 Routine Maintenance for LTE only TEIx\_Test

#### 5.5.1 LTE RF

##### 5.5.1.1 TS 36.508

**R5-233270 Correction of 36.508 4.1.1 on lower humidity limit in temperature test environment**

*Type: CR For: Agreement  
 36.508 v17.5.0 CR-1427 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, there is inconsistency of humidity limit among 2G/3G and LTE/ NR specifications. The variat

**Discussion:**

late reservation

latest ->18.0.0???

reissued as R5-233272.

**Decision:** The document was **withdrawn**.

**R5-233272 Correction of 36.508 4.1.1 on lower humidity limit in temperature test environment**

*Type: CR For: Agreement  
 36.508 v18.0.0 CR-1428 Cat: F (Rel-18)  
  
 Source: Samsung R&D Institute UK, ZTE Corporation*

**Abstract:**

reissued from R5-233270.

dependency on RAN4 CR R4-2308005

**Discussion:**

TEI10->8

for email agreement

RAN5 Chair: shall be TEI15

r1

Nokia objected the LTE CR even from Rel-10.

They are fine with the CR from Rel-15 as same as NR, but said earlier releases are not necessary because RAN5 is only considering the ongoing release which is Rel-17.

RAN5 chair: Since there is no technical justification for keeping lower humidity limit different in E-UTRA releases earlier than Rel-15, technical content in TS 36.508-1 (next version 18.1.0) can be without any release qualifier in Table 4.1.1-1: Temperature Test Environment. This should give the freedom for the industry/certification organizations to apply updated lower humidity limit in earlier releases. Contents can be agreed and implemented without any release qualifier statement or note.

**Decision:** The document was **revised to R5-233763**.

**R5-233763 Correction of 36.508 4.1.1 on lower humidity limit in temperature test environment**

*Type: CR For: Agreement  
 36.508 v18.0.0 CR-1428 rev 1 Cat: F (Rel-18)  
  
 Source: Samsung R&D Institute UK, ZTE Corporation*

(Replaces R5-233272)

**Discussion:**

Email agreed!

**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)

**R5-232375 Correction of Spurious emissions for UE co-existence requirement of LTE**

*Type: CR For: Agreement  
 36.521-1 v18.0.0 CR-5451 Cat: F (Rel-18)  
  
 Source: CAICT*

**Abstract:**

Discussion in R5-232374.

**Discussion:**

Conflict with R5-232316

**Decision:** The document was **withdrawn**.

**R5-232392 CR for 36.521-1 on p-Max corrections for Power Class 1 Band 14**

*Type: CR For: Agreement  
 36.521-1 v18.0.0 CR-5452 Cat: F (Rel-18)  
  
 Source: AT&T, Apple Inc*

**Abstract:**

RAN5 CR to update additional information related to RAN5 CR for 36.521-1 in R5-231895 and RAN4 CRs for 36.101 on P-Max definition correction for Band 14 in R4-2300356/57/58/59.

**Decision:** The document was **agreed**.

**R5-232988 Correction to upper and lower limit of NS\_23 in 6.2.4**

*Type: CR For: Agreement  
 36.521-1 v18.0.0 CR-5453 Cat: F (Rel-18)  
  
 Source: Anritsu*

**Decision:** The document was **agreed**.

**R5-232989 Correction to lower limit of NS\_05 in 6.2.4A.2\_1**

*Type: CR For: Agreement  
 36.521-1 v18.0.0 CR-5454 Cat: F (Rel-18)  
  
 Source: Anritsu*

**Decision:** The document was **agreed**.

**R5-233029 Clarification of spurious emsission testing configuration - LTE**

*Type: CR For: Agreement  
 36.521-1 v18.0.0 CR-5455 Cat: F (Rel-18)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

Related to R5-233026~R5-233028

**Discussion:**

r1

**Decision:** The document was **revised to R5-233546**.

**R5-233546 Clarification of spurious emsission testing configuration - LTE**

*Type: CR For: Agreement  
 36.521-1 v18.0.0 CR-5455 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-233029)

**Decision:** The document was **agreed**.

###### 5.5.1.3.2 Rx Requirements (Clause 7)

**R5-233165 Update of UE category in test case 7.4**

*Type: CR For: Agreement  
 36.521-1 v18.0.0 CR-5456 Cat: F (Rel-18)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

###### 5.5.1.3.3 Clauses 1-5, 8-10, Annexes

##### 5.5.1.4 TS 36.521-2

**R5-232449 Correct of condition for intra-band contiguous DL CA and UL CA**

*Type: CR For: Agreement  
 36.521-2 v18.0.1 CR-1007 Cat: F (Rel-18)  
  
 Source: Sporton*

**Decision:** The document was **agreed**.

**R5-233187 Editorial correction to table ID reference in Table A.4.5-1**

*Type: CR For: Agreement  
 36.521-2 v18.0.1 CR-1008 Cat: F (Rel-18)  
  
 Source: Bureau Veritas ADT*

**Abstract:**

Editorial CR

**Decision:** The document was **agreed**.

##### 5.5.1.5 TS 36.521-3

##### 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

**R5-232433 Corrections to A-GNSS minimum performance test scenarios**

*Type: CR For: Agreement  
 37.571-1 v17.0.0 CR-0413 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233680**.

**R5-233680 Corrections to A-GNSS minimum performance test scenarios**

*Type: CR For: Agreement  
 37.571-1 v17.0.0 CR-0413 rev 1 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

(Replaces R5-232433)

**Decision:** The document was **agreed**.

**R5-232434 Corrections to A-GNSS minimum performance test scenarios chapter 13**

*Type: CR For: Agreement  
 37.571-1 v17.0.0 CR-0414 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233681**.

**R5-233681 Corrections to A-GNSS minimum performance test scenarios chapter 13**

*Type: CR For: Agreement  
 37.571-1 v17.0.0 CR-0414 rev 1 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

(Replaces R5-232434)

**Decision:** The document was **agreed**.

**R5-232435 Corrections to A-Galileo relative signal power**

*Type: CR For: Agreement  
 37.571-1 v17.0.0 CR-0415 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

**Decision:** The document was **withdrawn**.

#### 5.6.10 TS 37.571-3

#### 5.6.11 TS 37.571-5

**R5-232436 Addition A-GNSS minimum performance test scenarios for RNSS**

*Type: CR For: Agreement  
 37.571-5 v17.0.0 CR-0220 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **withdrawn**.

**R5-232437 Corrections to A-GPS + A-GLO test scenario**

*Type: CR For: Agreement  
 37.571-5 v17.0.0 CR-0221 Cat: F (Rel-17)  
  
 Source: Rohde & Schwarz*

**Decision:** The document was **agreed**.

**R5-232711 Addition A-GNSS mininimum performance test scenarios for RNSS**

*Type: CR For: Agreement  
 37.571-5 v17.0.0 CR-0222 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

'Corrections ..'

r1

**Decision:** The document was **revised to R5-233682**.

**R5-233682 Addition A-GNSS mininimum performance test scenarios for RNSS**

*Type: CR For: Agreement  
 37.571-5 v17.0.0 CR-0222 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-232711)

**Decision:** The document was **agreed**.

#### 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 TR 37.901-5

**R5-233021 Correction in A.3.1.1.2 and default message content**

*Type: CR For: Agreement  
 37.901-5 v16.9.0 CR-0033 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

WIC TEI16\_Test, FS\_UE\_5GNR\_App\_Data\_Perf!

r1

**Decision:** The document was **revised to R5-233683**.

**R5-233683 Correction in A.3.1.1.2 and default message content**

*Type: CR For: Agreement  
 37.901-5 v16.9.0 CR-0033 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-233021)

**Decision:** The document was **agreed**.

**R5-233149 Correction in A.12.1.1 test**

*Type: CR For: Agreement  
 37.901-5 v16.9.0 CR-0034 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Decision:** The document was **withdrawn**.

**R5-233151 Correction in A.12.1.1 test scenario**

*Type: CR For: Agreement  
 37.901-5 v16.9.0 CR-0035 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

**Discussion:**

WIC TEI16\_Test, FS\_UE\_5GNR\_App\_Data\_Perf!

+scenario!

r1

**Decision:** The document was **revised to R5-233684**.

**R5-233684 Correction in A.12.1.1 test scenario**

*Type: CR For: Agreement  
 37.901-5 v16.9.0 CR-0035 rev 1 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK Ltd*

(Replaces R5-233151)

**Decision:** The document was **agreed**.

**R5-233221 Updates to Initial Conditions for Conducted Mode Fading Tests**

*Type: CR For: Agreement  
 37.901-5 v16.9.0 CR-0036 Cat: F (Rel-16)  
  
 Source: Qualcomm Europe Inc. Sweden*

**Discussion:**

WIC TEI16\_Test, FS\_UE\_5GNR\_App\_Data\_Perf!

**Decision:** The document was **agreed**.

#### 5.6.18 TR 38.918

#### 5.6.19 Discussion Papers, Work Plan, TC lists

### 5.7 Outgoing liaison statements for provisional approval

**R5-233668 LS response on CA/DC MSD requirements**

*Type: LS out For: Approval  
 38.521-1 v..  
 to TSG WG RAN4  
 Source: TSG WG RAN5*

**Abstract:**

RAN5 thanks RAN4 for providing background and status on reference sensitivity exceptions (MSD) topics of defining maximum two specified test configurations for harmonic (direct-hit)/harmonic mixing/cross band isolation MSD requirements, wherein one specified under worst case configuration which corresponds to the largest MSD, the other one is optionally specified and could be used to address proponent’s concern on specific channel bandwidth (CBW) of interest.

RAN4 would like to respectfully ask RAN5 whether there is any issue on the conformance testing in the above 1) 2) 3) scenarios, and what method can be adopted by RAN5 if identified.

Additionally, the following principles as one possible future-proof methodology applicable to Rel-17 and onwards have been discussed in RAN4, which just provide some information on what RAN4 is thinking and no intention to have impact on RAN5’s decision.

For certain MSD mechanism of one band combination

1) In case UE supports the specified worst case configuration which corresponds to the largest MSD, this specified worst case configuration is supposed to be selected for conformance test;

2) In case UE does not support the specified worst case configuration which corresponds to the largest MSD, but the second configuration (if specified) which is an optionally defined one, the specified second configuration is supposed be selected for conformance test;

3) In case UE does not support any of the specified configurations, the worst case configuration the UE supported itself for this band combination could be selected as test configuration and should conform to the largest MSD specified.

Response:

Out of the three scenarios listed in the RAN4 LS, scenarios 1 and 2 are straightforward as it is acceptable to test only a subset of all core requirements. However, scenario 3 would mean that RAN5 defines conformance tests for a requirement that does not exist in TS38.101-1 which is not feasible. In order to enable testing in scenario 3, some additional clarifications would be needed in TS 38.101-1 e.g, in form of a note indicating which requirement to apply in such cases.

2. Actions: To RAN4: RAN5 ask RAN4 to consider above feedback from RAN5.

**Discussion:**

Sunlin

**Decision:** The document was **approved**.

**R5-233669 LS on additional UE gain parameters**

*Type: LS out For: Approval  
 38.533 v..  
 to TSG WG RAN4  
 Source: TSG WG RAN5*

**Abstract:**

Discussion paper R5-233642 has been presented at RAN5#99. RAN5 investigated the alignment of the rough and fine beams as well as the difference in UE gain for different frequencies and the additional UE gain related parameters added to TS 38.133 in clauses B.2.1.5.2 and B.2.1.5.3 as well as in the measurement accuracy test cases in Table A.5.7.1.2.3-2 and Table A.7.7.1.2.3-2.

RAN5 came to the below conclusion and seeks further guidance from RAN4.

(1) The discussion in RAN4 that lead to additional UE gain parameters being introduced targeted FR2 inter-frequency measurement accuracy test cases A.5.7.1.2 and A.7.7.1.2.

(2) It is inconclusive if the parameters introduced in TS 38.133 in clauses B.2.1.5.2 and B.2.1.5.3, namely the UE gain difference between inter-frequencies Ginter and additional gain reduction D, is applicable only to measurement accuracy test cases A.5.7.1.2 and A.7.7.1.2, or should it affect other test cases as well.

In RAN5 understanding the fact that the parameters are specified in the Annex B makes them applicable to all relevant test cases. For UE gain difference between inter-frequencies Ginter it is FR2 inter-frequency relative measurement test cases, and in case of additional gain reduction D it is all FR2 cases where UE is using rough beams in beam peak direction.

On the other hand, gain reduction D has been specified in Table A.7.7.1.2.3-2 (A.5.7.1.2.3-2) for relative accuracy requirements and is missing in Table A.7.7.1.2.3-1 (A.5.7.1.2.3-1) for the absolute accuracy, which may suggest that RAN4 intention was to introduce the UE Gain reduction D only for SS-RSRP relative accuracy test requirement for this particular case where UE is comparing the signal coming from a beam peak direction and signal coming from spherical coverage direction.

RAN5 has the following questions:

Q1: Is the D parameter applicable only to SS-RSRP relative accuracy test requirement in test cases A.5.7.1.2 and A.7.7.1.2 or it should be also applied to SS-RSRP absolute accuracy test requirement in A.5.7.1.2 and A.7.7.1.2, and other test cases as well?

Q2: Is the Ginter parameter applicable only to SS-RSRP relative accuracy test requirement in FR2 inter-frequency measurement accuracy test cases A.5.7.1.2 and A.7.7.1.2 or it should be also applied to other FR2 inter-frequency test cases as well?

2. Actions: To RAN4: RAN5 asks RAN4 to consider the observations shared in this LS as well as to provide feedback on the questions above.

**Discussion:**

Jakub

**Decision:** The document was **approved**.

**R5-233670 LS on RRM test cases with testability issues**

*Type: LS out For: Approval  
 38.533 v..  
 to TSG WG RAN4  
 Source: TSG WG RAN5*

**Abstract:**

In RAN5#99, R5-232660 [1] was discussed. This paper presents a list of LTE/FR1+FR2 test cases where there is one or more testability issues caused by uncalibrated OTA link, as agreed by RAN4 in [2] and [3].

During the discussion in RAN5, the list presented in [1] was endorsed. RAN5 would like to bring to RAN4 attention of this list specified in [1].

If RAN4 agrees with the RAN5 assessment regarding the list of test cases affected by OTA testability issues, RAN5 kindly requests RAN4 to consider this list to be included in TS 38.133 clause A.3.13A to avoid maintaining 2 separate lists.

2. Actions: To RAN4 group: RAN5 asks RAN4 to consider the list of test cases affected by testability issues included in [1] to be included in TS 38.133 clause A.3.13A.

**Discussion:**

Fernando

for email approval

**Decision:** The document was **revised and approved as R5-233782**.

**R5-233671 LS on signal variance in FR2 multiple AoA tests**

*Type: LS out For: Approval  
 38.533 v..  
 to TSG WG RAN4  
 Source: TSG WG RAN5*

**Abstract:**

In RAN5#99, R5-232673 [1] has been discussed. Following observations were raised impacting TS 38.133 2AoA RLM test cases in A.5.5.1.1, A.5.5.1.2, A.5.5.1.5, A.5.5.1.6, A.7.5.1.1, A.7.5.1.2, A.7.5.1.5 and A.7.5.1.6:

(1) Fading profile TDLA30-75 low presents a difference in PAPR of approximately 4dB when compared to AWGN which makes the already low configured SNR very close to the Qin and Qout thresholds.

(2) Balanced signal across both Rx is not guaranteed by the EIS positioning procedure proposed in TS 38.521-2 [2] section K.1.2 for testing.

RLM 2AoA test cases are very sensitive to both SNR imbalance and fluctuations. The additional signal variation due to fading makes the already low configured SNR very close to the Qin and Qout thresholds. Additionally, the imbalance in signal across the 2Rx makes it even worse which leads to unpredictable test case outcome.

If RAN4 agrees with the RAN5 assessment regarding observation (1) above, RAN5 would like RAN4 to kindly answer below question.

Q1: Can the mentioned RLM FR2 test cases be revised to address observation (1) above? one potential option provided in R5-232673 [1]. Please note RAN5 is in parallel working to resolve observation (2)

2. Actions: To RAN4 group: RAN5 asks RAN4 to consider the observation shared in this LS as well as to provide feedback on question Q1 above.

**Discussion:**

Fernando

for email approval

**Decision:** The document was **revised and email approved as R5-233783**.

**R5-233672 LS on clarifications for Non-Terrestrial Networks**

*Type: LS out For: Approval  
 38.521-5 v..  
 to TSG WG RAN4  
 Source: TSG WG RAN5*

**Discussion:**

(Flores)

for email approval

on 21.6.

**Decision:** The document was **email 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

### 6.3 Open Work Items

#### 6.3.1 REL-16 NR CA and DC; and NR and LTE DC Configurations (UID-830083) NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest

##### 6.3.1.1 TS 38.508-1

##### 6.3.1.2 TS 38.508-2

##### 6.3.1.3 TS 38.523-1

##### 6.3.1.4 TS 38.523-2

##### 6.3.1.5 TS 38.523-3

##### 6.3.1.6 Discussion Papers, Work Plan, TC lists

#### 6.3.2 RF requirements for NR frequency range 1 (FR1) (UID-870061) NR\_RF\_FR1-UEConTest

##### 6.3.2.1 TS 38.508-1

##### 6.3.2.2 TS 38.508-2

##### 6.3.2.3 TS 38.523-1

##### 6.3.2.4 TS 38.523-2

##### 6.3.2.5 TS 38.523-3

##### 6.3.2.6 Discussion Papers, Work Plan, TC lists

#### 6.3.3 5G V2X with NR sidelink (UID-880069) 5G\_V2X\_NRSL\_eV2XARC-UEConTest

##### 6.3.3.1 TS 38.508-1

**R5-232495 Correction to RRC IEs for NR sidelink test**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3722 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **withdrawn**.

**R5-232576 Correction to RRC IEs for NR sidelink test**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2767 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

##### 6.3.3.2 TS 38.508-2

##### 6.3.3.3 TS 38.509

##### 6.3.3.4 TS 38.523-1

**R5-232716 Correction to NR SL SIG TC 12.2.8.3 - PC5 RLF**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3752 Cat: F (Rel-17)  
  
 Source: TDIA, CATT*

**Decision:** The document was **agreed**.

##### 6.3.3.5 TS 38.523-2

##### 6.3.3.6 TS 38.523-3

**R5-232194 5G V2X: Test Model updates**

*Type: CR For: Agreement  
 38.523-3 v17.6.0 CR-3092 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

##### 6.3.3.7 TS 36.509

##### 6.3.3.8 TS 37.571-4

##### 6.3.3.9 Discussion Papers, Work Plan, TC lists

**R5-232496 Discussion on frequencyInfo for NR SL RSRP measurements**

*Type: discussion For: Endorsement  
 Source: Huawei, Hisilicon*

**Abstract:**

This discussion paper analysis the impact brought by the ambiguity of frequencyInfoSL-r16, and provides following observations and proposals.

Observation 1: frequencyInfoSL-r16 in SL-MeasObject-r16 can’t be understand as the central frequency of PSSCH-DMRS.

Observation 2: Even frequencyInfoSL-r16 is interpreted as the indication of SL carrier to perform measurement. The exact meaning of frequencyInfoSL-r16 is still unclear.

Proposal 1: RAN5 sends a LS to RAN2 to seek the clarification of frequencyInfoSL-r16.

**Discussion:**

LS to RAN2.

Noted and proposal accepted.

**Decision:** The document was **noted**.

#### 6.3.4 Physical Layer Enhancements for NR Ultra-Reliable and Low Latency Communication (URLLC) (UID-900054) NR\_L1enh\_URLLC-UEConTest

##### 6.3.4.1 TS 38.508-1

##### 6.3.4.2 TS 38.508-2

##### 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 Rel-17 NR CA and DC; and NR and LTE DC Configurations (UID-900056) NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest

##### 6.3.5.1 TS 38.508-1

##### 6.3.5.2 TS 38.508-2

##### 6.3.5.3 TS 38.523-1

##### 6.3.5.4 TS 38.523-2

##### 6.3.5.5 TS 38.523-3

##### 6.3.5.6 Discussion Papers, Work Plan, TC lists

#### 6.3.6 NR Positioning Support (UID-900057) NR\_pos-UEConTest

##### 6.3.6.1 TS 38.508-1

##### 6.3.6.2 TS 38.508-2

##### 6.3.6.3 TS 38.509

##### 6.3.6.4 TS 38.523-3

##### 6.3.6.5 TS 37.571-2

##### 6.3.6.6 TS 37.571-3

##### 6.3.6.7 TS 37.571-4

##### 6.3.6.8 TS 37.571-5

##### 6.3.6.9 Discussion Papers, Work Plan, TC lists

#### 6.3.7 NR-based access to unlicensed spectrum (UID-911003) NR\_unlic-UEConTest

##### 6.3.7.1 TS 38.508-1

##### 6.3.7.2 TS 38.508-2

##### 6.3.7.3 TS 38.509

##### 6.3.7.4 TS 38.523-1

**R5-232590 Add test case 8.2.5.7.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3734 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-232591 Add test case 8.2.5.7.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3735 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **withdrawn**.

**R5-232592 Update test case 8.2.5.7.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3736 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Motorola Mobility: pls. delete duplicate UE.

**Decision:** The document was **revised to R5-233359**.

**R5-233359 Update test case 8.2.5.7.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3736 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-232592)

**Decision:** The document was **agreed**.

**R5-232593 Update test case 8.2.5.7.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3737 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

RAN5 Chair: pls. update reason for change

Motorola Mobility commented on the downlink.

**Decision:** The document was **revised to R5-233360**.

**R5-233360 Update test case 8.2.5.7.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3737 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-232593)

**Decision:** The document was **agreed**.

**R5-233061 Addition of NR unlicensed test case 6.6.2.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3794 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **withdrawn**.

**R5-233068 Addition of NR unlicensed test case 6.6.2.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3795 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **withdrawn**.

**R5-233080 Addition of NR unlicensed test case 6.6.2.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3805 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

**R5-233081 Addition of NR unlicensed test case 6.6.2.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3806 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

##### 6.3.7.5 TS 38.523-2

**R5-233069 Applicability updates to NR unlicensed test cases**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0358 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **withdrawn**.

**R5-233079 Applicability updates to NR unlicensed test cases**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0359 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

##### 6.3.7.6 TS 38.523-3

##### 6.3.7.7 Discussion Papers, Work Plan, TC lists

#### 6.3.8 LTE-NR & NR-NR Dual Connectivity and NR CA enhancements (UID-911004) LTE\_NR\_DC\_CA\_enh-UEConTest

##### 6.3.8.1 TS 38.508-1

##### 6.3.8.2 TS 38.508-2

**R5-232320 Update of MAC implementation capabilities**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0456 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

##### 6.3.8.3 TS 38.523-1

**R5-232197 Corrections to EN-DC test case 8.2.6.3.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3671 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-232198 Corrections to EN-DC test case 8.2.6.3.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3672 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **revised to R5-233455**.

**R5-233455 Corrections to EN-DC test case 8.2.6.3.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3672 rev 1 Cat: F (Rel-17)  
  
 Source: MCC TF160*

(Replaces R5-232198)

**Decision:** The document was **agreed**.

**R5-232258 Update test case 8.1.1.4.7**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3679 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233482**.

**R5-233482 Update test case 8.1.1.4.7**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3679 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-232258)

**Decision:** The document was **agreed**.

**R5-232317 Update test case 8.1.1.4.8**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3696 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-232318 Update test case 8.1.1.4.9**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3697 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233483**.

**R5-233483 Update test case 8.1.1.4.9**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3697 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-232318)

**Decision:** The document was **agreed**.

**R5-232729 Update of TC 8.1.5.11.3- Idle/Inactive measurements / Inactive mode / SIB11 configuration / Measurement of NR cells**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3754 Cat: F (Rel-17)  
  
 Source: TDIA, CATT*

**Decision:** The document was **agreed**.

**R5-232730 Update of TC 8.1.5.11.4-Idle/Inactive measurements / Inactive mode / RRCRelease configuration / Measurement of NR cells**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3755 Cat: F (Rel-17)  
  
 Source: TDIA, CATT*

**Decision:** The document was **agreed**.

##### 6.3.8.4 TS 38.523-2

**R5-232319 Update titles for test cases 8.1.1.4.7-9**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0347 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

r3

**Decision:** The document was **revised to R5-233484**.

**R5-233484 Update titles for test cases 8.1.1.4.7-9**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0347 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-232319)

**Decision:** The document was **agreed**.

##### 6.3.8.5 TS 38.523-3

##### 6.3.8.6 Discussion Papers, Work Plan, TC lists

#### 6.3.9 Multi-SIM devices for LTE/NR (UID-950060) LTE\_NR\_MUSIM\_plus\_CT1-UEConTest

##### 6.3.9.1 TS 38.508-1

**R5-233142 Update to test procedure for registration of a MUSIM UE**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2805 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

##### 6.3.9.2 TS 38.508-2

##### 6.3.9.3 TS 38.509

**R5-232036 Addition of MUSIM UAI test function**

*Type: CR For: Agreement  
 38.509 v17.3.0 CR-0081 Cat: B (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

ME x

r1

**Decision:** The document was **revised to R5-233380**.

**R5-233380 Addition of MUSIM UAI test function**

*Type: CR For: Agreement  
 38.509 v17.3.0 CR-0081 rev 1 Cat: B (Rel-17)  
  
 Source: China Telecom*

(Replaces R5-232036)

**Decision:** The document was **agreed**.

##### 6.3.9.4 TS 38.523-1

**R5-232037 Add new NR Multi-SIM test case 8.1.5.10.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3624 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

offline comments from R&S UK.

r3

Rohde&Schwarz UK: need a pics.

**Decision:** The document was **revised to R5-233469**.

**R5-233469 Add new NR Multi-SIM test case 8.1.5.10.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3624 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecom*

(Replaces R5-232037)

**Decision:** The document was **agreed**.

**R5-232714 Correction to NR MUSIM TC 8.1.5.10.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3751 Cat: F (Rel-17)  
  
 Source: TDIA, CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233470**.

**R5-233470 Correction to NR MUSIM TC 8.1.5.10.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3751 rev 1 Cat: F (Rel-17)  
  
 Source: TDIA, CATT*

(Replaces R5-232714)

**Decision:** The document was **agreed**.

**R5-233143 Update to NR MUSIM test case 9.1.5.1.16**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3825 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

**R5-233144 Update to NR MUSIM test case 9.1.7.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3826 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

**R5-233145 Update to NR MUSIM test case 9.1.7.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3827 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated, ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

##### 6.3.9.5 TS 38.523-2

**R5-232038 Add applicability for NR multi-SIM test case 8.1.5.10.2**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0338 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Decision:** The document was **agreed**.

##### 6.3.9.6 TS 38.523-3

**R5-232199 Multi-SIM: Addition of NR MUSIM Test Model**

*Type: CR For: Agreement  
 38.523-3 v17.6.0 CR-3093 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

##### 6.3.9.7 TS 36.508

**R5-232055 Correction to generic procedure 4.5.2E**

*Type: CR For: Agreement  
 36.508 v18.0.0 CR-1417 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

##### 6.3.9.8 TS 36.523-1

**R5-232719 Update of MUSIM test case 9.2.1.1.33**

*Type: CR For: Agreement  
 36.523-1 v17.5.0 CR-5216 Cat: F (Rel-17)  
  
 Source: TDIA, CATT*

**Discussion:**

is 18.0.0!!

reissued as R5-233273.

**Decision:** The document was **withdrawn**.

**R5-233273 Update of MUSIM test case 9.2.1.1.33**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5224 Cat: F (Rel-18)  
  
 Source: TDIA, CATT*

**Abstract:**

reissued from R5-232719 because of wrong Rel+ver.

**Discussion:**

corrupted file

r1

**Decision:** The document was **revised to R5-233487**.

**R5-233487 Update of MUSIM test case 9.2.1.1.33**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5224 rev 1 Cat: F (Rel-18)  
  
 Source: TDIA, CATT*

(Replaces R5-233273)

**Decision:** The document was **agreed**.

##### 6.3.9.9 TS 36.523-2

##### 6.3.9.10 TS 36.523-3

##### 6.3.9.11 Discussion Papers, Work Plan, TC lists

#### 6.3.10 NR Multicast and Broadcast Services including CT and SA aspects (UID-950061) NR\_MBS\_5MBS\_5MBUSA-UEConTest

##### 6.3.10.1 TS 38.508-1

**R5-232944 Addition of Procedure to check TMGI and associated MRB reception in a multicast MBS session**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2791 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **revised to R5-233382**.

**R5-233382 Addition of Procedure to check TMGI and associated MRB reception in a multicast MBS session**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2791 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-232944)

**Decision:** The document was **agreed**.

**R5-232945 Update PDCCH-Config for MSS condtion**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2792 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233383**.

**R5-233383 Update PDCCH-Config for MSS condtion**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2792 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-232945)

**Decision:** The document was **agreed**.

**R5-232946 Delete NR-19 for MBS in the Common configurations of system information blocks**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2793 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

##### 6.3.10.2 TS 38.508-2

**R5-232947 Addition of PICS for MBS TC**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0475 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

Hardcoded item nr. is ok.

**Decision:** The document was **agreed**.

##### 6.3.10.3 TS 38.509

##### 6.3.10.4 TS 38.523-1

**R5-232948 Correction of MBS Broadcast TCs 14.1.x**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3770 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-232949 Correction of MBS Multicast TC 14.2.4.1.x-group paging**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3771 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-232950 Addition of MBS Broadcast TC 14.1.1.2-becoming interested to receive MBS broadcast services**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3772 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233384**.

**R5-233384 Addition of MBS Broadcast TC 14.1.1.2-becoming interested to receive MBS broadcast services**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3772 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-232950)

**Decision:** The document was **agreed**.

**R5-232951 Addition of MBS Broadcast TC 14.1.1.3-MCCH Information change notification**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3773 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-232952 Addition of MBS Broadcast TC 14.1.1.4-receiving SIB20 of an SCell via dedicated signalling**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3774 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-232953 Addition of MBS Multicast TC 14.2.1.1.2-DCI format 4\_2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3775 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-232954 Addition of MBS Multicast TC 14.2.1.1.6-DCI-based ACK-NACK HARQ feedback for Multicast**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3776 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-232955 Addition of MBS Multicast TC 14.2.1.1.9-DCI-based NACK-only HARQ feedback for Multicast**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3777 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-232956 Addition of MBS Multicast TC 14.2.1.2.2-DRX-PTM retransmission for multicast**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3778 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-232957 Addition of MBS Multicast TC 14.2.1.2.3-DRX-PTP retransmission for multicast**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3779 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-232958 Addition of MBS Multicast TC 14.2.4.3.1-Handover between multicast supporting cell**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3780 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233385**.

**R5-233385 Addition of MBS Multicast TC 14.2.4.3.1-Handover between multicast supporting cell**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3780 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-232958)

**Decision:** The document was **agreed**.

**R5-232959 Addition of MBS Multicast TC 14.2.4.3.2-Re-establishment**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3781 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233386**.

**R5-233386 Addition of MBS Multicast TC 14.2.4.3.2-Re-establishment**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3781 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-232959)

**Decision:** The document was **agreed**.

**R5-232960 Addition of MBS Multicast TC 14.2.4.3.3-Handover between Multicast-supporting cell and Multicast non-supporting cell**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3782 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-232961 Addition of MBS Multicast TC 14.2.5.1.1-Network-requested PDU session modification to remove UE from MBS session**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3783 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233387**.

**R5-233387 Addition of MBS Multicast TC 14.2.5.1.1-Network-requested PDU session modification to remove UE from MBS session**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3783 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-232961)

**Decision:** The document was **agreed**.

**R5-232962 Addition of MBS Multicast TC 14.2.5.1.2-Network-requested PDU session modification to update MBS service area**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3784 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233388**.

**R5-233388 Addition of MBS Multicast TC 14.2.5.1.2-Network-requested PDU session modification to update MBS service area**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3784 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-232962)

**Decision:** The document was **agreed**.

**R5-232963 Addition of MBS Multicast TC 14.2.5.2.1-UE-requested to join MBS multicast session-accept**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3785 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233389**.

**R5-233389 Addition of MBS Multicast TC 14.2.5.2.1-UE-requested to join MBS multicast session-accept**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3785 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-232963)

**Decision:** The document was **agreed**.

##### 6.3.10.5 TS 38.523-2

**R5-232964 Addition of test applicablity for MBS TC**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0356 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233390**.

**R5-233390 Addition of test applicablity for MBS TC**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0356 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-232964)

**Decision:** The document was **agreed**.

##### 6.3.10.6 TS 38.523-3

##### 6.3.10.7 Discussion Papers, Work Plan, TC lists

#### 6.3.11 NR coverage enhancements (UID-950063) NR\_cov\_enh-UEConTest

##### 6.3.11.1 TS 38.508-1

**R5-232497 Correction to default configuration of RRC IEs for NR cov enh test**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2765 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

##### 6.3.11.2 TS 38.508-2

**R5-232498 Addition of PICS for NR cov enh SIG TCs**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0460 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

##### 6.3.11.3 TS 38.523-1

**R5-232499 Addition of NR cov enh SIG TC 7.1.1.2.6 dynamic PUCCH repetition**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3723 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-232500 Addition of NR cov enh SIG TC 7.1.1.3.14.1 DG PUSCH repetition 32**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3724 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-232501 Addition of NR cov enh SIG TC 7.1.1.3.14.2 CG PUSCH repetition 32**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3725 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-232502 Addition of NR cov enh SIG TC 7.1.1.3.14.3 DG PUSCH availableSlotCouting**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3726 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-232503 Addition of NR cov enh SIG TC 7.1.1.3.14.4 CG PUSCH availableSlotCouting**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3727 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-232504 Addition of NR cov enh SIG TC 7.1.1.3.15.1 TBoMS**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3728 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-232505 Addition of NR cov enh SIG TC 7.1.1.3.15.2 TBoMS repetition**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3729 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-232506 Addition of NR cov enh SIG TC 7.1.1.4.2.7 TBoMS TBS selection**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3730 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-232507 Correction to NR SA SIG TC 8.1.5.8.1 UE capability transfer**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3731 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

reissued as R5-233295 because of wrong test case nr.

**Decision:** The document was **withdrawn**.

**R5-233295 Correction to NR SA SIG TC 8.1.5.1.1 UE capability transfer**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3842 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Abstract:**

reissued from R5-232507 because of wrong test case nr.

**Decision:** The document was **agreed**.

##### 6.3.11.4 TS 38.523-2

**R5-232508 Addition of applicability for NR cov enh SIG TCs**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0349 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

17.2.0?

r1

**Decision:** The document was **revised to R5-233394**.

**R5-233394 Addition of applicability for NR cov enh SIG TCs**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0349 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-232508)

**Decision:** The document was **agreed**.

##### 6.3.11.5 TS 38.523-3

##### 6.3.11.6 Discussion Papers, Work Plan, TC lists

#### 6.3.12 Enhancement of data collection for SON (Self-Organising Networks)/MDT (Minimization of Drive Tests) in NR standalone and MR-DC (Multi-Radio Dual Connectivity) (UID-950064) NR\_ENDC\_SON\_MDT\_enh-UEConTest

##### 6.3.12.1 TS 38.508-1

##### 6.3.12.2 TS 38.508-2

**R5-232189 Addition of new PICS for Enhancement of data collection for SON/MDT in NR standalone**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0452 Cat: F (Rel-17)  
  
 Source: Lenovo*

**Decision:** The document was **agreed**.

##### 6.3.12.3 TS 38.523-1

**R5-232185 Addition of new MAC test case for Logging and reporting of on-Demand SI**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3668 Cat: F (Rel-17)  
  
 Source: Lenovo*

**Discussion:**

reissued as R5-233278 because of wrong title MAC->RRC

**Decision:** The document was **withdrawn**.

**R5-233278 Addition of new RRC test case for Logging and reporting of on-Demand SI**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3834 Cat: F (Rel-17)  
  
 Source: Lenovo*

**Abstract:**

reissued from R5-232185 because of wrong title MAC->RRC

**Decision:** The document was **agreed**.

**R5-232186 Addition of new MAC test case for Logging and reporting of 2-step RACH report**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3669 Cat: F (Rel-17)  
  
 Source: Lenovo*

**Discussion:**

reissued as R5-233279 because of wrong title MAC->RRC

**Decision:** The document was **withdrawn**.

**R5-233279 Addition of new RRC test case for Logging and reporting of 2-step RACH report**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3835 Cat: F (Rel-17)  
  
 Source: Lenovo*

**Abstract:**

reissued from R5-232186 because of wrong title MAC->RRC

**Decision:** The document was **agreed**.

**R5-232187 Addition of new MAC test case for Logging and reporting fallback to 4-step RA**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3670 Cat: F (Rel-17)  
  
 Source: Lenovo*

**Discussion:**

reissued as R5-233280 because of wrong title MAC->RRC

**Decision:** The document was **withdrawn**.

**R5-233280 Addition of new RRC test case for Logging and reporting fallback to 4-step RA**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3836 Cat: F (Rel-17)  
  
 Source: Lenovo*

**Abstract:**

reissued from R5-232187 because of wrong title MAC->RRC

**Decision:** The document was **agreed**.

**R5-232682 Corrections to MDT test case 8.1.6.1.4.9**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3745 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **agreed**.

**R5-232781 Update of test case 8.1.6.1.2.15 for SON\_MDT**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3758 Cat: F (Rel-17)  
  
 Source: CMCC*

**Decision:** The document was **revised to R5-233377**.

**R5-233377 Update of test case 8.1.6.1.2.15 for SON\_MDT**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3758 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-232781)

**Decision:** The document was **agreed**.

##### 6.3.12.4 TS 38.523-2

**R5-232188 Addition of applicability of new MAC test cases Enhancement of data collection for SON/MDT in NR standalone**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0340 Cat: F (Rel-17)  
  
 Source: Lenovo*

**Discussion:**

reissued as R5-233281 because of wrong title MAC->RRC

**Decision:** The document was **withdrawn**.

**R5-233281 Addition of applicability of new RRC test cases Enhancement of data collection for SON/MDT in NR standalone**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0363 Cat: F (Rel-17)  
  
 Source: Lenovo*

**Abstract:**

reissued from R5-232188 because of wrong title MAC->RRC

**Discussion:**

CXX->CXXX

**Decision:** The document was **revised to R5-233381**.

**R5-233381 Addition of applicability of new RRC test cases Enhancement of data collection for SON/MDT in NR standalone**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0363 rev 1 Cat: F (Rel-17)  
  
 Source: Lenovo*

(Replaces R5-233281)

**Decision:** The document was **agreed**.

##### 6.3.12.5 TS 38.523-3

##### 6.3.12.6 Discussion Papers, Work Plan, TC lists

#### 6.3.13 Enhancement of Network Slicing Phase 2 (Multi-Radio Dual Connectivity) (UID-950065) eNS\_Ph2-UEConTest

##### 6.3.13.1 TS 38.508-1

##### 6.3.13.2 TS 38.508-2

##### 6.3.13.3 TS 38.523-1

**R5-232289 Update eNS test case 9.1.13.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3690 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233400**.

**R5-233400 Update eNS test case 9.1.13.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3690 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-232289)

**Decision:** The document was **agreed**.

**R5-232290 Update eNS test case 9.3.1.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3691 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233468**.

**R5-233468 Update eNS test case 9.3.1.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3691 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-232290)

**Decision:** The document was **agreed**.

**R5-232291 Update eNS test case 10.1.8.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3692 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233401**.

**R5-233401 Update eNS test case 10.1.8.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3692 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-232291)

**Decision:** The document was **agreed**.

**R5-232292 Update eNS test case10.1.8.5**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3693 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233402**.

**R5-233402 Update eNS test case10.1.8.5**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3693 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-232292)

**Decision:** The document was **agreed**.

**R5-232717 Update of TC 10.1.8.3- NSAC / PDU session establishment reject / Maximum number of PDU sessions reached / Back-off timer is zero or not included**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3753 Cat: F (Rel-17)  
  
 Source: TDIA, CATT*

**Discussion:**

MCC Secretary: pls. remove X-Net.

**Decision:** The document was **revised to R5-233403**.

**R5-233403 Update of TC 10.1.8.3- NSAC / PDU session establishment reject / Maximum number of PDU sessions reached / Back-off timer is zero or not included**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3753 rev 1 Cat: F (Rel-17)  
  
 Source: TDIA, CATT*

(Replaces R5-232717)

**Decision:** The document was **agreed**.

**R5-232777 Update to eNS\_Ph2 test case 9.1.12.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3756 Cat: F (Rel-17)  
  
 Source: CMCC*

**Decision:** The document was **revised to R5-233378**.

**R5-233378 Update to eNS\_Ph2 test case 9.1.12.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3756 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-232777)

**Decision:** The document was **agreed**.

**R5-232778 Update to eNS\_Ph2 test case 9.1.12.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3757 Cat: F (Rel-17)  
  
 Source: CMCC*

**Decision:** The document was **agreed**.

**R5-232973 Correction of NR TC 10.1.8.1-NSAC**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3790 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, Datang LinkTester, CATT*

**Discussion:**

-74

r1

**Decision:** The document was **revised to R5-233404**.

**R5-233404 Correction of NR TC 10.1.8.1-NSAC**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3790 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, Datang LinkTester, CATT*

(Replaces R5-232973)

**Decision:** The document was **agreed**.

**R5-232974 Correction of NR TC 10.1.8.2-NSAC**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3791 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, Datang LinkTester, CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233405**.

**R5-233405 Correction of NR TC 10.1.8.2-NSAC**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3791 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, Datang LinkTester, CATT*

(Replaces R5-232974)

**Decision:** The document was **agreed**.

##### 6.3.13.4 TS 38.523-2

##### 6.3.13.5 TS 38.523-3

##### 6.3.13.6 Discussion Papers, Work Plan, TC lists

#### 6.3.14 Support of reduced capability NR devices (UID-950066) NR\_redcap\_plus\_ARCH-UEConTest

##### 6.3.14.1 TS 38.508-1

**R5-232937 Update general configuration parameter for HD-FDD UE**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2790 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233406**.

**R5-233406 Update general configuration parameter for HD-FDD UE**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2790 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, MCC TF160*

(Replaces R5-232937)

**Decision:** The document was **agreed**.

##### 6.3.14.2 TS 38.508-2

##### 6.3.14.3 TS 38.523-1

**R5-232088 Correction to RedCap TC 6.1.2.26**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3652 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **withdrawn**.

**R5-232089 Correction to RedCap test case 11.7.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3653 Cat: F (Rel-17)  
  
 Source: MediaTek Inc., Huawei, Hisilicon, MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233411**.

**R5-233411 Correction to RedCap test case 11.7.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3653 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc., Huawei, Hisilicon, MCC TF160*

(Replaces R5-232089)

**Decision:** The document was **agreed**.

**R5-232090 Correction to RedCap test case 11.7.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3654 Cat: F (Rel-17)  
  
 Source: MediaTek Inc., Huawei, Hisilicon, MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233412**.

**R5-233412 Correction to RedCap test case 11.7.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3654 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc., Huawei, Hisilicon, MCC TF160*

(Replaces R5-232090)

**Decision:** The document was **agreed**.

**R5-232938 Update NR MAC TC 7.1.1.1.1-7.1.1.1.1a-7.1.1.1.8 for HD-FDD UE-PRACH**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3765 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233407**.

**R5-233407 Update NR MAC TC 7.1.1.1.1-7.1.1.1.1a-7.1.1.1.8 for HD-FDD UE-PRACH**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3765 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, MCC TF160*

(Replaces R5-232938)

**Decision:** The document was **agreed**.

**R5-232939 Update NR MAC TC 7.1.1.1.2 and RRC TC 8.1.5.2.2 for HD-FDD UE-PRACH**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3766 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233408**.

**R5-233408 Update NR MAC TC 7.1.1.1.2 and RRC TC 8.1.5.2.2 for HD-FDD UE-PRACH**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3766 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, MCC TF160*

(Replaces R5-232939)

**Decision:** The document was **agreed**.

**R5-232940 Addition of new RedCap TC 7.1.1.1.15-SI request**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3767 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

**R5-232941 Update URLLC TC 7.1.1.3.12 for HD-FDD UE-PUSCH repetition Type B**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3768 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233409**.

**R5-233409 Update URLLC TC 7.1.1.3.12 for HD-FDD UE-PUSCH repetition Type B**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3768 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, MCC TF160*

(Replaces R5-232941)

**Decision:** The document was **agreed**.

**R5-232942 Correction of NR TC 7.1.2.3.6-Polling for status**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3769 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, Datang LinkTester, CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233410**.

**R5-233410 Correction of NR TC 7.1.2.3.6-Polling for status**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3769 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon, Datang LinkTester, CATT*

(Replaces R5-232942)

**Decision:** The document was **agreed**.

**R5-232981 Correction to RedCap testcase 6.1.2.26**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3793 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ, Anritsu Ltd*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

**R5-233070 Updates for NR RRC test case 8.1.5.1.1 for RedCap**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3796 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-233071 Updates for NR RRC test case 8.1.5.8.1 for RedCap**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3797 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

##### 6.3.14.4 TS 38.523-2

**R5-232943 Addition of test applicablity for RedCap TC**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0355 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

##### 6.3.14.5 TS 38.523-3

**R5-232191 RedCap: Test Model updates**

*Type: CR For: Agreement  
 38.523-3 v17.6.0 CR-3090 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

##### 6.3.14.6 Discussion Papers, Work Plan, TC lists

#### 6.3.15 NR small data transmissions in INACTIVE state (UID-960072) NR\_SmallData\_INACTIVE-UEConTest

##### 6.3.15.1 TS 38.508-1

##### 6.3.15.2 TS 38.508-2

##### 6.3.15.3 TS 38.523-1

**R5-232091 Correction to SDT TC 7.1.1.13.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3655 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233413**.

**R5-233413 Correction to SDT TC 7.1.1.13.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3655 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-232091)

**Decision:** The document was **agreed**.

**R5-232092 Correction to SDT TC 7.1.1.13.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3656 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-232093 Correction to SDT TC 7.1.1.13.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3657 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-232095 Correction to SDT TC 7.1.1.13.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3658 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-232096 Editorial corrections to SDT TC 8.1.5.13.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3659 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-232183 Update to MAC test case for RA Based SDT / 2-step RACH**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3666 Cat: F (Rel-17)  
  
 Source: Lenovo*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233415**.

**R5-233415 Update to MAC test case for RA Based SDT / 2-step RACH**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3666 rev 1 Cat: F (Rel-17)  
  
 Source: Lenovo*

(Replaces R5-232183)

**Decision:** The document was **agreed**.

**R5-232184 Update to MAC test case for RA Based SDT / 4-step RACH**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3667 Cat: F (Rel-17)  
  
 Source: Lenovo*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233416**.

**R5-233416 Update to MAC test case for RA Based SDT / 4-step RACH**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3667 rev 1 Cat: F (Rel-17)  
  
 Source: Lenovo*

(Replaces R5-232184)

**Decision:** The document was **agreed**.

**R5-232899 Addition to testcase 8.1.5.13.3 SDT-SRB2-Indication**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3764 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **withdrawn**.

**R5-232969 Correction of SDT TC 7.1.1.13.5-cg-SDT-TATimer**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3788 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

##### 6.3.15.4 TS 38.523-2

##### 6.3.15.5 TS 38.523-3

##### 6.3.15.6 Discussion Papers, Work Plan, TC lists

#### 6.3.16 Solutions for NR to support non-terrestrial networks (NTN) (UID-960074) NR\_NTN\_solutions\_plus\_CT-UEConTest

##### 6.3.16.1 TS 38.508-1

**R5-232690 Updates to SIB19 for NR NTN**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2771 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

TF160 offline comments.

r2

**Decision:** The document was **revised to R5-233434**.

**R5-233434 Updates to SIB19 for NR NTN**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2771 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-232690)

**Decision:** The document was **agreed**.

**R5-232691 Update IE ServingCellConfigCommon for NR NTN**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2772 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

Tdoc#, 17.7.0

TF160 offline comments.

r1

**Decision:** The document was **revised to R5-233435**.

**R5-233435 Update IE ServingCellConfigCommon for NR NTN**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2772 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-232691)

**Decision:** The document was **agreed**.

**R5-232692 Update to clause 4.4.3 Common parameters for NR NTN**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2773 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233436**.

**R5-233436 Update to clause 4.4.3 Common parameters for NR NTN**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2773 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-232692)

**Decision:** The document was **agreed**.

**R5-232693 Addition of NTN freq bands to clause 6.2.3 for Default test frequencies**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2774 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

late doc

255 will be added at the next meeting.

**Decision:** The document was **agreed**.

**R5-232694 Addition of new clause for UE Position Requirements for NR NTN testing**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2775 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

RAN5 Chair: clause numbers have to be resolved.

**Decision:** The document was **revised to R5-233369**.

**R5-233369 Addition of new clause for UE Position Requirements for NR NTN testing**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2775 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-232694)

**Decision:** The document was **agreed**.

##### 6.3.16.2 TS 38.508-2

##### 6.3.16.3 TS 38.509

##### 6.3.16.4 TS 38.523-1

**R5-233163 Addition of new RRC TC for NR NTN**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3831 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

late doc

**Decision:** The document was **withdrawn**.

##### 6.3.16.5 TS 38.523-2

**R5-233164 Addition of applicability for NR NTN test case**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0360 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

late doc

**Decision:** The document was **withdrawn**.

##### 6.3.16.6 TS 38.523-3

##### 6.3.16.7 Discussion Papers, Work Plan, TC lists

#### 6.3.17 Enhancement of Private Network Support for NG-RAN including CT aspects (UID-960076) NG\_RAN\_PRN\_enh\_plus\_CT-UEConTest

##### 6.3.17.1 TS 38.508-1

##### 6.3.17.2 TS 38.508-2

**R5-232416 Addition of PICS for Rel-17 eNPN**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0459 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233471**.

**R5-233471 Addition of PICS for Rel-17 eNPN**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0459 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecom*

(Replaces R5-232416)

**Decision:** The document was **agreed**.

##### 6.3.17.3 TS 38.523-1

**R5-232417 Addition of Rel-17 eNPN TC 6.5.3.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3712 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

RAN5 Chair: it is better to add the full test later when the test description will be ready.

TF160 manager: pls. fix the test titles + repetitions are not needed.

**Decision:** The document was **not pursued**.

**R5-232418 Addition of Rel-17 eNPN TC 6.5.3.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3713 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

same as R5-232417

**Decision:** The document was **not pursued**.

**R5-232419 Addition of Rel-17 eNPN TC 6.5.3.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3714 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

same as R5-232417

**Decision:** The document was **not pursued**.

##### 6.3.17.4 TS 38.523-2

**R5-232420 Addition of applicability for NPN test cases**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0348 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Decision:** The document was **not pursued**.

##### 6.3.17.5 TS 38.523-3

##### 6.3.17.6 Discussion Papers, Work Plan, TC lists

#### 6.3.18 Enhancement of RAN slicing for NR plus CT1 aspects (UID-960078) NR\_slice-UEConTest

##### 6.3.18.1 TS 38.508-1

**R5-232784 Addition of a new combination of system information block for SIB16**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2785 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r2

put 30.

**Decision:** The document was **revised to R5-233379**.

**R5-233379 Addition of a new combination of system information block for SIB16**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2785 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-232784)

**Decision:** The document was **agreed**.

##### 6.3.18.2 TS 38.508-2

##### 6.3.18.3 TS 38.523-1

**R5-232179 Update to MAC test case for 4 step RACH with Slice specific RACH configuration**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3662 Cat: F (Rel-17)  
  
 Source: Lenovo*

**Decision:** The document was **agreed**.

**R5-232180 Update to MAC test case for 4 step RACH with Slice specific RACH configuration with ra-PrioritizationForSlicing**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3663 Cat: F (Rel-17)  
  
 Source: Lenovo*

**Decision:** The document was **agreed**.

**R5-232181 Update to MAC test case for 2 step RACH with Slice specific RACH configuration**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3664 Cat: F (Rel-17)  
  
 Source: Lenovo*

**Decision:** The document was **agreed**.

**R5-232182 Update to MAC test case for 2 step RACH with Slice specific RACH configuration with ra-PrioritizationForSlicing**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3665 Cat: F (Rel-17)  
  
 Source: Lenovo*

**Decision:** The document was **agreed**.

**R5-232252 Addition of Enhancement of RAN slicing for NR test case 6.1.2.25**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3678 Cat: F (Rel-17)  
  
 Source: CATT, TDIA*

**Discussion:**

TF160: pls fix the clause title

r1

**Decision:** The document was **revised to R5-233420**.

**R5-233420 Addition of Enhancement of RAN slicing for NR test case 6.1.2.25**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3678 rev 1 Cat: F (Rel-17)  
  
 Source: CATT, TDIA*

(Replaces R5-232252)

**Decision:** The document was **agreed**.

**R5-232785 Update of test case 6.1.2.24 for NR slice**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3759 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

RAN5 Chair: Re-seletion should be Reselection, throughout the spec.

TF160 manager: it is coming from the WP, needs to be corrected also there.

**Decision:** The document was **revised to R5-233421**.

**R5-233421 Update of test case 6.1.2.24 for NR slice**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3759 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-232785)

**Decision:** The document was **agreed**.

**R5-232786 Update of test case 6.4.2.3 for NR slice**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3760 Cat: F (Rel-17)  
  
 Source: CMCC*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233422**.

**R5-233422 Update of test case 6.4.2.3 for NR slice**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3760 rev 1 Cat: F (Rel-17)  
  
 Source: CMCC*

(Replaces R5-232786)

**Decision:** The document was **agreed**.

##### 6.3.18.4 TS 38.523-2

**R5-232253 Addition of applicability of test case 6.1.2.25**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0341 Cat: F (Rel-17)  
  
 Source: CATT, TDIA*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233472**.

**R5-233472 Addition of applicability of test case 6.1.2.25**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0341 rev 1 Cat: F (Rel-17)  
  
 Source: CATT, TDIA*

(Replaces R5-232253)

**Decision:** The document was **agreed**.

##### 6.3.18.5 TS 38.523-3

##### 6.3.18.6 Discussion Papers, Work Plan, TC lists

#### 6.3.19 Further enhancements on MIMO for NR (UID-960079) NR\_feMIMO-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 Enhanced Industrial Internet of Things (IoT) and ultra-reliable and low latency communication (URLLC) support for NR (UID-960082) NR\_IIOT\_URLLC\_enh-UEConTest

##### 6.3.20.1 TS 38.508-1

##### 6.3.20.2 TS 38.508-2

##### 6.3.20.3 TS 38.523-1

##### 6.3.20.4 TS 38.523-2

##### 6.3.20.5 TS 38.523-3

##### 6.3.20.6 Discussion Papers, Work Plan, TC lists

#### 6.3.21 NR Sidelink Relay (UID-960083) NR\_SL\_relay-UEConTest

##### 6.3.21.1 TS 38.508-1

**R5-232713 Addition of PC5 RRC message uuMessageTransferSidelink**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2777 Cat: F (Rel-17)  
  
 Source: TDIA, CATT*

**Decision:** The document was **revised to R5-233423**.

**R5-233423 Addition of PC5 RRC message uuMessageTransferSidelink**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2777 rev 1 Cat: F (Rel-17)  
  
 Source: TDIA, CATT*

(Replaces R5-232713)

**Decision:** The document was **agreed**.

**R5-232715 Addition of PC5 RRC RemoteUEInformationSidelink message**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2778 Cat: F (Rel-17)  
  
 Source: TDIA, CATT*

**Decision:** The document was **revised to R5-233424**.

**R5-233424 Addition of PC5 RRC RemoteUEInformationSidelink message**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2778 rev 1 Cat: F (Rel-17)  
  
 Source: TDIA, CATT*

(Replaces R5-232715)

**Decision:** The document was **agreed**.

**R5-232721 Update of PC5 RRC message SL-L2RelayUE-Config**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2779 Cat: F (Rel-17)  
  
 Source: TDIA, CATT*

**Discussion:**

AI!

r1

**Decision:** The document was **revised to R5-233426**.

**R5-233426 Update of PC5 RRC message SL-L2RelayUE-Config**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2779 rev 1 Cat: F (Rel-17)  
  
 Source: TDIA, CATT*

(Replaces R5-232721)

**Decision:** The document was **agreed**.

**R5-232722 Update of PC5 RRC message Uu-RelayRLC-ChannelConfig**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2780 Cat: F (Rel-17)  
  
 Source: TDIA,CATT*

**Discussion:**

offline comments from TF160

r1

**Decision:** The document was **revised to R5-233425**.

**R5-233425 Update of PC5 RRC message Uu-RelayRLC-ChannelConfig**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2780 rev 1 Cat: F (Rel-17)  
  
 Source: TDIA,CATT*

(Replaces R5-232722)

**Decision:** The document was **agreed**.

**R5-232743 Update of the contents of RRC messages for L2 U2N relay related operation**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2782 Cat: F (Rel-17)  
  
 Source: TDIA, CATT*

**Decision:** The document was **agreed**.

**R5-232746 Update of the contents of Sidelink information elements**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2783 Cat: F (Rel-17)  
  
 Source: TDIA, CATT*

**Decision:** The document was **agreed**.

##### 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 NR Sidelink enhancement (UID-960084) NR\_SL\_enh-UEConTest

##### 6.3.22.1 TS 38.508-1

##### 6.3.22.2 TS 38.508-2

##### 6.3.22.3 TS 38.523-1

##### 6.3.22.4 TS 38.523-2

##### 6.3.22.5 TS 38.523-3

##### 6.3.22.6 Discussion Papers, Work Plan, TC lists

#### 6.3.23 NR Uplink Data Compression (UDC) (UID-960085) NR\_UDC-UEConTest

##### 6.3.23.1 TS 38.508-1

##### 6.3.23.2 TS 38.508-2

##### 6.3.23.3 TS 38.523-1

**R5-232267 Addition of new test case 7.1.3.6.8 for PDCP UDC**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3680 Cat: F (Rel-17)  
  
 Source: CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233362**.

**R5-233362 Addition of new test case 7.1.3.6.8 for PDCP UDC**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3680 rev 1 Cat: F (Rel-17)  
  
 Source: CATT*

(Replaces R5-232267)

**Decision:** The document was **agreed**.

**R5-232268 Addition of new test case 7.1.3.6.9 for PDCP UDC**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3681 Cat: F (Rel-17)  
  
 Source: CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233363**.

**R5-233363 Addition of new test case 7.1.3.6.9 for PDCP UDC**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3681 rev 1 Cat: F (Rel-17)  
  
 Source: CATT*

(Replaces R5-232268)

**Decision:** The document was **agreed**.

##### 6.3.23.4 TS 38.523-2

**R5-232269 Addition of applicability for PDCP UDC test cases**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0342 Cat: F (Rel-17)  
  
 Source: CATT*

**Decision:** The document was **agreed**.

##### 6.3.23.5 TS 38.523-3

**R5-232192 NR UDC: Addition of Test Model**

*Type: CR For: Agreement  
 38.523-3 v17.6.0 CR-3091 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

##### 6.3.23.6 Discussion Papers, Work Plan, TC lists

#### 6.3.24 UE power saving enhancements for NR (UID-960086) NR\_UE\_pow\_sav\_enh\_plus\_CT-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

**R5-232050 Correction to power saving enhancements TC 8.1.1.1a.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3626 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233427**.

**R5-233427 Correction to power saving enhancements TC 8.1.1.1a.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3626 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-232050)

**Decision:** The document was **agreed**.

**R5-232051 Correction to power saving enhancements TC 8.1.1.1a.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3627 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-232052 Correction to power saving enhancements TC 8.1.1.1a.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3628 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-232053 Correction to power saving enhancements TC 9.1.14.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3629 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-232054 Correction to power saving enhancements TC 11.4.1a**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3630 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **revised to R5-233428**.

**R5-233428 Correction to power saving enhancements TC 11.4.1a**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3630 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-232054)

**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 NB-IoT/eMTC support for Non-Terrestrial Networks (NTN) including EPS aspects (UID-960087) LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest

##### 6.3.25.1 TS 36.508

**R5-232534 Update of default configuration for IoT NTN**

*Type: CR For: Agreement  
 38.533 v17.6.1 CR-2407 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **withdrawn**.

**R5-232560 Update of default configuration for IoT NTN**

*Type: CR For: Agreement  
 36.508 v18.0.0 CR-1422 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

**Discussion:**

The TF160 manager saw many open questions on the NGSO.

Thales has a related paper.

Deferred.

r1

The TF160 manager wondered whether this NGSO can work.

Has impact on 2 specs, continuous updating makes no sense.

Better also group the GSOs and NGSOs together.

**Decision:** The document was **revised to R5-233437**.

**R5-233437 Update of default configuration for IoT NTN**

*Type: CR For: Agreement  
 36.508 v18.0.0 CR-1422 rev 1 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

(Replaces R5-232560)

**Decision:** The document was **agreed**.

**R5-233156 Addition of system information combination for NBIOT GSO NTN**

*Type: CR For: Agreement  
 36.508 v18.0.0 CR-1425 Cat: F (Rel-18)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

need to remove 10, 9, NGSO, etc.

**Decision:** The document was **revised to R5-233365**.

**R5-233365 Addition of system information combination for NBIOT GSO NTN**

*Type: CR For: Agreement  
 36.508 v18.0.0 CR-1425 rev 1 Cat: F (Rel-18)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-233156)

**Decision:** The document was **agreed**.

##### 6.3.25.2 TS 36.509

##### 6.3.25.3 TS 36.523-1

**R5-232535 Correction to IoT NTN TC 6.1.1.11**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5206 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233438**.

**R5-233438 Correction to IoT NTN TC 6.1.1.11**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5206 rev 1 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

(Replaces R5-232535)

**Decision:** The document was **agreed**.

**R5-232536 Correction to IoT NTN TC 7.1.6.6**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5207 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233439**.

**R5-233439 Correction to IoT NTN TC 7.1.6.6**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5207 rev 1 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

(Replaces R5-232536)

**Decision:** The document was **agreed**.

**R5-232537 Correction to IoT NTN TC 9.2.1.1.34**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5208 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

**Discussion:**

needs more time to verify.

**Decision:** The document was **withdrawn**.

**R5-232538 Correction to IoT NTN TC 22.2.13**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5209 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233440**.

**R5-233440 Correction to IoT NTN TC 22.2.13**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5209 rev 1 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

(Replaces R5-232538)

**Decision:** The document was **agreed**.

**R5-232539 Correction to IoT NTN TC 22.3.1.5a**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5210 Cat: F (Rel-18)  
  
 Source: MediaTek Inc., Qualcomm Incorporated*

**Discussion:**

r3

**Decision:** The document was **revised to R5-233441**.

**R5-233441 Correction to IoT NTN TC 22.3.1.5a**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5210 rev 1 Cat: F (Rel-18)  
  
 Source: MediaTek Inc., Qualcomm Incorporated*

(Replaces R5-232539)

**Decision:** The document was **agreed**.

**R5-232540 Correction to IoT NTN TC 22.5.23**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5211 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **withdrawn**.

**R5-232541 Correction to Idle Mode Test Case to enable IoT NTN test**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5212 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233451**.

**R5-233451 Correction to Idle Mode Test Case to enable IoT NTN test**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5212 rev 1 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

(Replaces R5-232541)

**Decision:** The document was **withdrawn**.

**R5-232542 Correction to RRC Test Case to enable IoT NTN test**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5213 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233452**.

**R5-233452 Correction to RRC Test Case to enable IoT NTN test**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5213 rev 1 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

(Replaces R5-232542)

**Decision:** The document was **withdrawn**.

**R5-232543 Correction to NAS Test Case to enable IoT NTN test**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5214 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233364**.

**R5-233364 Correction to NAS Test Case to enable IoT NTN test**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5214 rev 1 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

(Replaces R5-232543)

**Decision:** The document was **withdrawn**.

**R5-232544 Correction to NB-IoT Test Case to enable IoT NTN test**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5215 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233453**.

**R5-233453 Correction to NB-IoT Test Case to enable IoT NTN test**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5215 rev 1 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

(Replaces R5-232544)

**Decision:** The document was **withdrawn**.

**R5-233155 Update to NBIOT NTN test case 22.3.1.5a**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5222 Cat: F (Rel-18)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

merged in to MediaTek’s CR R5-232539.

**Decision:** The document was **withdrawn**.

**R5-233160 Update to NBIOT NTN multi-TAC test case 22.2.13**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5223 Cat: F (Rel-18)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **revised to R5-233367**.

**R5-233367 Update to NBIOT NTN multi-TAC test case 22.2.13**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5223 rev 1 Cat: F (Rel-18)  
  
 Source: Qualcomm Incorporated*

(Replaces R5-233160)

**Decision:** The document was **agreed**.

##### 6.3.25.4 TS 36.523-2

**R5-232545 Update of applicability for IoT NTN**

*Type: CR For: Agreement  
 36.523-2 v18.0.0 CR-1402 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

Question from Qualcomm about branching.

**Decision:** The document was **revised to R5-233366**.

**R5-233366 Update of applicability for IoT NTN**

*Type: CR For: Agreement  
 36.523-2 v18.0.0 CR-1402 rev 1 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

(Replaces R5-232545)

**Decision:** The document was **agreed**.

**R5-232546 Applicable eMTC cases for IoT NTN**

*Type: CR For: Agreement  
 36.523-2 v18.0.0 CR-1403 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **withdrawn**.

**R5-232547 Applicable NB-IoT cases for IoT NTN**

*Type: CR For: Agreement  
 36.523-2 v18.0.0 CR-1404 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **withdrawn**.

**R5-233442 Update to NTN PICS parameters**

*Type: CR For: Agreement  
 36.523-2 v18.0.0 CR-1406 Cat: F (Rel-18)  
  
 Source: Qualcomm*

**Discussion:**

late doc

for email agreement

Email agreed

**Decision:** The document was **agreed**.

**R5-233443 RAT specific PICS parameter update to applicability of NTN test cases**

*Type: CR For: Agreement  
 36.523-2 v18.0.0 CR-1407 Cat: F (Rel-18)  
  
 Source: Qualcomm*

**Discussion:**

late doc

Tdoc xxx

**Decision:** The document was **revised to R5-233479**.

**R5-233479 RAT specific PICS parameter update to applicability of NTN test cases**

*Type: CR For: Agreement  
 36.523-2 v18.0.0 CR-1407 rev 1 Cat: F (Rel-18)  
  
 Source: Qualcomm*

(Replaces R5-233443)

**Discussion:**

for email agreement

Email agreed

**Decision:** The document was **agreed**.

**R5-233444 Applicability of legacy NB-IoT test cases to NTN GSO only UEs**

*Type: CR For: Agreement  
 36.523-2 v18.0.0 CR-1408 Cat: F (Rel-18)  
  
 Source: Qualcomm*

**Discussion:**

late doc

Tdoc xxx

**Decision:** The document was **revised to R5-233480**.

**R5-233480 Applicability of legacy NB-IoT test cases to NTN GSO only UEs**

*Type: CR For: Agreement  
 36.523-2 v18.0.0 CR-1408 rev 1 Cat: F (Rel-18)  
  
 Source: Qualcomm*

(Replaces R5-233444)

**Discussion:**

for email agreement

Email agreed

**Decision:** The document was **agreed**.

##### 6.3.25.5 TS 36.523-3

**R5-232193 NTN-IoT: NB-IoT Test Model updates**

*Type: CR For: Agreement  
 36.523-3 v17.6.0 CR-4733 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Discussion:**

36.508-3!

r2

**Decision:** The document was **revised to R5-233454**.

**R5-233454 NTN-IoT: NB-IoT Test Model updates**

*Type: CR For: Agreement  
 36.523-3 v17.6.0 CR-4733 rev 1 Cat: F (Rel-17)  
  
 Source: MCC TF160*

(Replaces R5-232193)

**Decision:** The document was **agreed**.

##### 6.3.25.6 Discussion Papers, Work Plan, TC lists

**R5-232548 Discussion paper of handling legacy test case for IoT NTN UE**

*Type: discussion For: Endorsement  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233478**.

**R5-233478 Discussion paper of handling legacy test case for IoT NTN UE**

*Type: discussion For: Endorsement  
 Source: MediaTek Inc.*

(Replaces R5-232548)

**Decision:** The document was **noted**.

**R5-233161 Applicability of legacy NB-IOT testcases to NTN GSO capable UE**

*Type: discussion For: Endorsement  
 Source: Qualcomm Incorporated*

**Abstract:**

Test cases are defined in [1] for Release 17 NB-IOT NTN feature. With NB-IOT NTN standalone chipsets commercially available, having only release 17 test coverage for them may not be adequate. This discussion paper provides analysis on the applicability of NB-IOT legacy (release 13, 14 and 15) test cases for a UE supporting only NB-IOT NTN GSO solution.

2. Discussion

Observation-1:

Existing test cases in [1] provide extensive coverage of all NB-IOT features. All of them may not be relevant for NB-IOT NTN GSO deployments.

Based on the GSO deployments and industry needs, analysis of legacy NB-IOT test cases has been performed and test cases falling under the below listed categories are considered “Not Applicable” for UE supporting only NB-IOT NTN GSO scenario.

a. All non-approved (‘compliable’, ‘verifiable’) test cases as per TTCN CR Agreement Status 2023-wk16.

b. Test cases having corresponding NTN Release 17 variant (ex: t-reordering)

c. As NTN GSO cell area is expected to be huge, NTN UE may not perform PLMN changes and cell reselections. Hence, most of the Idle mode operation test cases (22.2.x) would be non-relevant.

d. Test cases having additional applicabilities (Ex: S1-U, ROHC support, eDRX, LAP etc).

e. Test cases with negative scenarios (ex: Attach Reject, TAU Reject, abnormal detach).

Spreadsheet attached with this discussion paper contains the list of NB-IOT legacy test cases that can be made applicable to NB-IOT NTN GSO only UE. NTN NGSO scenario is not considered for this analysis.

Proposal-1.1:

RAN5 to discuss on the test cases that can be made applicable to UEs supporting only NB-IOT NTN GSO scenario and add a new clause in [2] to list them.

Proposal-1.2:

Update all the NB-IOT NTN GSO legacy test cases in [1] with NTN related text where applicable.<see example below>

Observation-2:

In addition, currently there are below PICS parameters defined in [2] for indication of NTN support and its features. As UE may support NTN access over CAT-M technology but not over NB-IOT, there may be a need to make these RAT specific parameters.

Proposal-2:

RAN5 to discuss and conclude on the need to make these parameters RAT specific.

Observation-3:

There may be a UE supporting only NB-IOT NTN GSO scenario, hence there is a need to add new parameter indicating such support.

Proposal-3:

Define a new PICS parameter in [2] for UE supporting only NB-IOT NTN GSO scenario.

**Discussion:**

r1

The TF160 manager did not agree to Proposal 2.

**Decision:** The document was **revised to R5-233477**.

#### 6.3.26 NR QoE management and optimizations for diverse services (UID-970072) NR\_QoE-UEConTest

##### 6.3.26.1 TS 38.508-1

##### 6.3.26.2 TS 38.508-2

##### 6.3.26.3 TS 38.523-1

##### 6.3.26.4 TS 38.523-2

##### 6.3.26.5 TS 38.523-3

##### 6.3.26.6 Discussion Papers, Work Plan, TC lists

#### 6.3.27 User Plane Integrity Protection support for EPC connected architectures (incl. CT/SA aspects) (UID-970074) UPIP\_SEC\_LTE-RAN-UEConTest

##### 6.3.27.1 TS 38.508-1

##### 6.3.27.2 TS 38.508-2

**R5-232965 Add PICS for EPS UPIP**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0476 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

##### 6.3.27.3 TS 38.523-1

**R5-232966 Addition of UPIP TC 8.2.6.4.2-RRC re-establishment**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3786 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233391**.

**R5-233391 Addition of UPIP TC 8.2.6.4.2-RRC re-establishment**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3786 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-232966)

**Decision:** The document was **agreed**.

**R5-232967 Addition of UPIP TC 8.2.6.4.3-HO**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3787 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233392**.

**R5-233392 Addition of UPIP TC 8.2.6.4.3-HO**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3787 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-232967)

**Decision:** The document was **agreed**.

##### 6.3.27.4 TS 38.523-2

##### 6.3.27.5 TS 38.523-3

##### 6.3.27.6 Discussion Papers, Work Plan, TC lists

#### 6.3.28 NR Positioning Enhancements (UID-970075) NR\_pos\_enh-UEConTest

##### 6.3.28.1 TS 38.508-1

##### 6.3.28.2 TS 37.571-2

**R5-232262 Introduction of R17 Positioning Enhancements default test conditions in TS 37.571-2**

*Type: CR For: Agreement  
 37.571-2 v17.0.0 CR-0173 Cat: F (Rel-17)  
  
 Source: CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233395**.

**R5-233395 Introduction of R17 Positioning Enhancements default test conditions in TS 37.571-2**

*Type: CR For: Agreement  
 37.571-2 v17.0.0 CR-0173 rev 1 Cat: F (Rel-17)  
  
 Source: CATT*

(Replaces R5-232262)

**Decision:** The document was **agreed**.

**R5-232263 Addition of new positioning test case for pre-configured measurement gap procedures**

*Type: CR For: Agreement  
 37.571-2 v17.0.0 CR-0174 Cat: F (Rel-17)  
  
 Source: CATT*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233396**.

**R5-233396 Addition of new positioning test case for pre-configured measurement gap procedures**

*Type: CR For: Agreement  
 37.571-2 v17.0.0 CR-0174 rev 1 Cat: F (Rel-17)  
  
 Source: CATT*

(Replaces R5-232263)

**Decision:** The document was **agreed**.

**R5-232264 Addition of new positioning test case for pre-configured PRS processing window procedures**

*Type: CR For: Agreement  
 37.571-2 v17.0.0 CR-0175 Cat: F (Rel-17)  
  
 Source: CATT*

**Discussion:**

spec -1?

r2

**Decision:** The document was **revised to R5-233397**.

**R5-233397 Addition of new positioning test case for pre-configured PRS processing window procedures**

*Type: CR For: Agreement  
 37.571-2 v17.0.0 CR-0175 rev 1 Cat: F (Rel-17)  
  
 Source: CATT*

(Replaces R5-232264)

**Decision:** The document was **agreed**.

**R5-232265 Addition of new positioning test case for UE positioning assistance information procedures**

*Type: CR For: Agreement  
 37.571-2 v17.0.0 CR-0176 Cat: F (Rel-17)  
  
 Source: CATT*

**Discussion:**

spec -1?

r2

**Decision:** The document was **revised to R5-233398**.

**R5-233398 Addition of new positioning test case for UE positioning assistance information procedures**

*Type: CR For: Agreement  
 37.571-2 v17.0.0 CR-0176 rev 1 Cat: F (Rel-17)  
  
 Source: CATT*

(Replaces R5-232265)

**Decision:** The document was **agreed**.

##### 6.3.28.3 TS 37.571-3

**R5-232266 Addition of test applicabilities for Release-17 NR positioning enhancement signaling test cases**

*Type: CR For: Agreement  
 37.571-3 v17.0.0 CR-0161 Cat: F (Rel-17)  
  
 Source: CATT*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233399**.

**R5-233399 Addition of test applicabilities for Release-17 NR positioning enhancement signaling test cases**

*Type: CR For: Agreement  
 37.571-3 v17.0.0 CR-0161 rev 1 Cat: F (Rel-17)  
  
 Source: CATT*

(Replaces R5-232266)

**Decision:** The document was **agreed**.

##### 6.3.28.4 TS 37.571-4

##### 6.3.28.5 TS 37.571-5

##### 6.3.28.6 Discussion Papers, Work Plan, TC lists

#### 6.3.29 Access Traffic Steering, Switch and Splitting support in 5G system (UID-970076) ATSSS-UEConTest

##### 6.3.29.1 TS 38.508-1

**R5-232288 Add generic procedure for Switch off / Power off procedure in MA PDU session Established on NR and WLAN**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2755 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233429**.

**R5-233429 Add generic procedure for Switch off / Power off procedure in MA PDU session Established on NR and WLAN**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2755 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-232288)

**Decision:** The document was **agreed**.

##### 6.3.29.2 TS 38.508-2

##### 6.3.29.3 TS 38.523-1

**R5-232039 Addition of ATSSS new TC 10.4.2.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3625 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233430**.

**R5-233430 Addition of ATSSS new TC 10.4.2.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3625 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecom*

(Replaces R5-232039)

**Decision:** The document was **agreed**.

**R5-232085 Correction to ATSSS TC 10.4.1.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3649 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-232086 Correction to ATSSS TC 10.4.1.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3650 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233431**.

**R5-233431 Correction to ATSSS TC 10.4.1.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3650 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-232086)

**Decision:** The document was **agreed**.

**R5-232087 Correction to ATSSS TC 10.4.1.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3651 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Discussion:**

TC

r2

**Decision:** The document was **revised to R5-233432**.

**R5-233432 Correction to ATSSS TC 10.4.1.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3651 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-232087)

**Decision:** The document was **agreed**.

**R5-232705 Addition of ATSSS TC 10.4.1.5 - UE-requested MA PDU session modification / ATSSS / Success**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3749 Cat: F (Rel-17)  
  
 Source: CATT, TDIA*

**Decision:** The document was **agreed**.

**R5-232706 Addition of new ATSSS test case 10.4.1.6**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3750 Cat: F (Rel-17)  
  
 Source: CATT, TDIA*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233433**.

**R5-233433 Addition of new ATSSS test case 10.4.1.6**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3750 rev 1 Cat: F (Rel-17)  
  
 Source: CATT, TDIA*

(Replaces R5-232706)

**Decision:** The document was **agreed**.

##### 6.3.29.4 TS 38.523-2

**R5-232270 Add applicability for ATSSS TC 10.4.2.2**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0343 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Decision:** The document was **agreed**.

**R5-232708 Addition of applicability for new ATSSS test case 10.4.1.5 and 10.4.1.6**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0354 Cat: F (Rel-17)  
  
 Source: CATT, TDIA*

**Decision:** The document was **agreed**.

##### 6.3.29.5 TS 38.523-3

##### 6.3.29.6 Discussion Papers, Work Plan, TC lists

#### 6.3.30 Protocol enhancements for Mission Critical Services for Rel-16 (MCPTT, MCVideo, MCData) (UID – 970077) MCProtoc16\_enh2MCPTT\_eMCData2-ConTest

##### 6.3.30.1 TS 36.579-1

**R5-232597 Updates to MCData UE Configuration and User Profile**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0306 Cat: F (Rel-16)  
  
 Source: NIST*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233488**.

**R5-233488 Updates to MCData UE Configuration and User Profile**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0306 rev 1 Cat: F (Rel-16)  
  
 Source: NIST*

(Replaces R5-232597)

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

**R5-232598 Addition of MCData Functional Alias Generic Procedures**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0307 Cat: F (Rel-16)  
  
 Source: NIST*

**Discussion:**

NIST: needs to be in another section/clause in 36.579-1 and it also needs to include some MCPTT information (in addition to the MCData material.

reissued as R5-233293 because of contents and title change.

**Decision:** The document was **withdrawn**.

**R5-233293 Addition of generic Functional Alias Generic Procedures**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0313 Cat: F (Rel-16)  
  
 Source: NIST*

**Abstract:**

reissued from R5-232598 because of contents and title change.

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

**R5-232599 Updates to MCData PIDF for functional alias**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0308 Cat: F (Rel-16)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233489**.

**R5-233489 Updates to MCData PIDF for functional alias**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0308 rev 1 Cat: F (Rel-16)  
  
 Source: NIST*

(Replaces R5-232599)

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

**R5-232600 Updates to 5.3.3 Pre-Established Session Establishment Generic TC**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0309 Cat: F (Rel-16)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233490**.

**R5-233490 Updates to 5.3.3 Pre-Established Session Establishment Generic TC**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0309 rev 1 Cat: F (Rel-16)  
  
 Source: NIST*

(Replaces R5-232600)

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

**R5-232601 Updates to MCData-Info from the UE**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0310 Cat: F (Rel-16)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233491**.

**R5-233491 Updates to MCData-Info from the UE**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0310 rev 1 Cat: F (Rel-16)  
  
 Source: NIST*

(Replaces R5-232601)

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

**R5-232602 Updates to SDP Message from the SS for MCData**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0311 Cat: F (Rel-16)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233294**.

**R5-233294 Updates to SDP Message from the SS for MCData**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0311 rev 1 Cat: F (Rel-17)  
  
 Source: NIST*

(Replaces R5-232602)

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

**R5-232603 Updates to SDP Message from the UE for MCData**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0312 Cat: F (Rel-16)  
  
 Source: NIST*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233492**.

**R5-233492 Updates to SDP Message from the UE for MCData**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0312 rev 1 Cat: F (Rel-16)  
  
 Source: NIST*

(Replaces R5-232603)

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

##### 6.3.30.2 TS 36.579-2

**R5-232195 Correction of test case 5.9**

*Type: CR For: Agreement  
 36.579-2 v16.0.0 CR-0328 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

##### 6.3.30.3 TS 36.579-3

##### 6.3.30.4 TS 36.579-4

**R5-232605 Updates to Applicability**

*Type: CR For: Agreement  
 36.579-4 v16.0.0 CR-0029 Cat: F (Rel-16)  
  
 Source: NIST*

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

##### 6.3.30.5 TS 36.579-5

**R5-232604 Update to MCX PIXITs for MCData Functional Alias**

*Type: CR For: Agreement  
 36.579-5 v17.1.0 CR-0094 Cat: F (Rel-17)  
  
 Source: NIST*

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

##### 6.3.30.6 TS 36.579-6

**R5-232196 Correction of test case 6.4.2**

*Type: CR For: Agreement  
 36.579-6 v16.0.0 CR-0093 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

##### 6.3.30.7 TS 36.579-7

**R5-232594 Addition of new test case 5.5 for Pre-established Session Configuration**

*Type: CR For: Agreement  
 36.579-7 v15.5.1 CR-0034 Cat: F (Rel-16)  
  
 Source: NIST*

**Abstract:**

This will trigger a release upgrade of the spec

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

**R5-232595 Addition of new test case 5.6 for CSK Download**

*Type: CR For: Agreement  
 36.579-7 v15.5.1 CR-0035 Cat: F (Rel-16)  
  
 Source: NIST*

**Abstract:**

This will trigger a release upgrade of the spec

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

**R5-232596 Addition of new test case 5.7 for Functional Alias**

*Type: CR For: Agreement  
 36.579-7 v15.5.1 CR-0036 Cat: F (Rel-16)  
  
 Source: NIST*

**Abstract:**

This will trigger a release upgrade of the spec

**Discussion:**

r1

**Decision:** The document was **revised to R5-233493**.

**R5-233493 Addition of new test case 5.7 for Functional Alias**

*Type: CR For: Agreement  
 36.579-7 v15.5.1 CR-0036 rev 1 Cat: F (Rel-16)  
  
 Source: NIST*

(Replaces R5-232596)

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

##### 6.3.30.8 TS 36.579-8 (pCRs only)

##### 6.3.30.9 TS 36.579-9 (pCRs only)

##### 6.3.30.10 Discussion Papers, Work Plan, TC lists

#### 6.3.31 NB-IoT (Narrowband IoT)/eMTC (enhanced Machine Type Communication) core & performance requirements for Non-Terrestrial Networks (NTN) (UID-981034) LTE\_NBIOT\_eMTC\_NTN\_req-UEConTest

##### 6.3.31.1 TS 36.508

##### 6.3.31.2 TS 36.509

##### 6.3.31.3 TS 36.523-2

##### 6.3.31.4 TS 36.523-3

##### 6.3.31.5 Discussion Papers, Work Plan, TC lists

#### 6.3.32 Introduction of LTE TDD band in 1670 – 1675 MHz (UID-991032) LTE\_TDD\_1670\_1675MHz-UEConTest

##### 6.3.32.1 TS 36.508

**R5-232312 Addition of signalling test frequencies for LTE Band 54**

*Type: CR For: Agreement  
 36.508 v18.0.0 CR-1420 Cat: F (Rel-18)  
  
 Source: Ligado Networks*

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

##### 6.3.32.2 TS 36.523-2

**R5-232325 Updates to test case applicability as part of Introduction of LTE Band 54**

*Type: CR For: Agreement  
 36.523-2 v18.0.0 CR-1401 Cat: F (Rel-18)  
  
 Source: Ligado Networks*

**Decision:** The document was **agreed**.

##### 6.3.32.3 TS 36.523-3

**R5-232326 Updates to guidelines on test execution for LTE Band 54**

*Type: CR For: Agreement  
 36.523-3 v17.6.0 CR-4736 Cat: F (Rel-18)  
  
 Source: Ligado Networks*

**Abstract:**

Rel-18 WIC to trigger a spec. upgrade

**Discussion:**

r1

**Decision:** The document was **revised to R5-233414**.

**R5-233414 Updates to guidelines on test execution for LTE Band 54**

*Type: CR For: Agreement  
 36.523-3 v17.6.0 CR-4736 rev 1 Cat: F (Rel-18)  
  
 Source: Ligado Networks*

(Replaces R5-232326)

**Decision:** The document was **agreed**.

##### 6.3.32.4 Discussion Papers, Work Plan, TC lists

#### 6.3.33 Further Multi-RAT Dual-Connectivity enhancement (UID-991033) LTE\_NR\_DC\_enh2-UEConTest

##### 6.3.33.1 TS 38.508-1

##### 6.3.33.2 TS 38.508-2

##### 6.3.33.3 TS 38.523-1

##### 6.3.33.4 TS 38.523-2

##### 6.3.33.5 TS 38.523-3

##### 6.3.33.6 Discussion Papers, Work Plan, TC lists

#### 6.3.34 Support of Uncrewed Aerial Systems Connectivity, Identification, and Tracking (UID-991034) ID\_UAS-UEConTest

##### 6.3.34.1 TS 38.508-1

##### 6.3.34.2 TS 38.508-2

**R5-233202 Addition of PICS for UE support of Uncrewed Aerial Systems**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0483 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **agreed**.

##### 6.3.34.3 TS 38.523-1

##### 6.3.34.4 TS 38.523-2

##### 6.3.34.5 TS 38.523-3

##### 6.3.34.6 TS 36.508

##### 6.3.34.7 TS 36.523-1

##### 6.3.34.8 TS 36.523-2

##### 6.3.34.9 TS 36.523-3

##### 6.3.34.10 Discussion Papers, Work Plan, TC lists

### 6.4 Routine Maintenance for TS 38 Series TEIx\_Test

#### 6.4.1 TS 38.508-1

**R5-233195 Corrections to Test frequencies for NR CA configurations for signalling testing**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2806 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

AI!

**Decision:** The document was **agreed**.

##### 6.4.1.1 Generic Procedures and Test Procedures (Clauses 4.5, 4.5A & 4.9)

**R5-232056 Correction to test procedure 4.9.9**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2752 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-232638 Correction to switch off test procedure**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2768 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK, MediaTek Inc.*

**Decision:** The document was **revised to R5-233474**.

**R5-233474 Correction to switch off test procedure**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2768 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK, MediaTek Inc.*

(Replaces R5-232638)

**Decision:** The document was **agreed**.

##### 6.4.1.2 Default NG-RAN RRC messages and IEs (Clause 4.6)

**R5-232057 Correction to PDCCH-Config for DCI\_2-6**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2753 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Discussion:**

merged into revision of R5-232639

**Decision:** The document was **withdrawn**.

**R5-232639 Correction to introduce search space configuration changes for DCI\_2-6 transmission**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2769 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK*

**Decision:** The document was **revised to R5-233317**.

**R5-233317 Correction to introduce search space configuration changes for DCI\_2-6 transmission**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2769 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK*

(Replaces R5-232639)

**Decision:** The document was **agreed**.

##### 6.4.1.3 Default 5GC NAS messages and IEs (Clause 4.7)

**R5-232770 Updates to default 5GMM messages**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2784 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

#9!

TF160 requested to withdraw.

**Decision:** The document was **withdrawn**.

**R5-232970 Update Service accept NAS message**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2794 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

Tf160 requested more time.

Deferred.

**Decision:** The document was **agreed**.

##### 6.4.1.4 Test environment for SIG (Clause 6)

**R5-232396 Corrections to Clause 6.2.3.7 Test frequencies for NR sidelink configurations for signalling testing**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2760 Cat: F (Rel-17)  
  
 Source: Qualcomm Technologies Ireland*

**Decision:** The document was **withdrawn**.

**R5-232443 Introduction of test frequencies for signalling testing for new NR band n13**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2764 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Referenced test frequencies in R5-232442 (CR 2763)

**Decision:** The document was **agreed**.

##### 6.4.1.5 Other clauses, Annexes

**R5-232971 Update RadioBearerConfig-SRB2-DRB message**

*Type: CR For: Agreement  
 38.508-1 v17.8.0 CR-2795 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

#### 6.4.2 TS 38.508-2

**R5-232058 Correction to DAPS PICS**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0450 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-232684 Addition of PICS for support of mpsPriorityIndication on RRC release with redirect**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0463 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

change to XX.

**Decision:** The document was **revised to R5-233320**.

**R5-233320 Addition of PICS for support of mpsPriorityIndication on RRC release with redirect**

*Type: CR For: Agreement  
 38.508-2 v17.8.1 CR-0463 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-232684)

**Decision:** The document was **agreed**.

#### 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)

**R5-232059 Correction to Idle mode TC 6.1.1.4a and 6.1.2.15a**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3631 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-232060 Correction to CAG TC 6.5.2.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3632 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-232061 Correction to CAG TC 6.5.2.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3633 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233321**.

**R5-233321 Correction to CAG TC 6.5.2.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3633 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-232061)

**Decision:** The document was **agreed**.

**R5-232062 Correction to CAG TC 6.5.2.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3634 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-232063 Correction to CAG TC 6.5.2.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3635 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-232064 Correction to CAG TC 6.5.2.6**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3636 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-232131 Correction to NR Inter-RAT test case 6.2.3.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3660 Cat: F (Rel-17)  
  
 Source: Anritsu EMEA Ltd*

**Decision:** The document was **agreed**.

**R5-232330 Correction to FR2 Power level tables for NR Idle mode test cases**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3698 Cat: F (Rel-17)  
  
 Source: Anritsu EMEA Ltd*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233445**.

**R5-233445 Correction to FR2 Power level tables for NR Idle mode test cases**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3698 rev 1 Cat: F (Rel-17)  
  
 Source: Anritsu EMEA Ltd*

(Replaces R5-232330)

**Decision:** The document was **agreed**.

**R5-232395 Editorial updates to Table 6.1.2.7.3.2-1 from Cell reselection/Equivalent PLMN test cases**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3710 Cat: F (Rel-17)  
  
 Source: Qualcomm Technologies Ireland*

**Decision:** The document was **withdrawn**.

**R5-232451 Correction of test procedure on TC 6.3.2.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3716 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO, INC., MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233456**.

**R5-233456 Correction of test procedure on TC 6.3.2.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3716 rev 1 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO, INC., MCC TF160*

(Replaces R5-232451)

**Decision:** The document was **agreed**.

**R5-232452 Correction of test procedure on TC 6.3.2.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3717 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO, INC., MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233457**.

**R5-233457 Correction of test procedure on TC 6.3.2.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3717 rev 1 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO, INC., MCC TF160*

(Replaces R5-232452)

**Decision:** The document was **agreed**.

**R5-232453 Correction of test procedure on TC 6.3.2.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3718 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO, INC., MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233458**.

**R5-233458 Correction of test procedure on TC 6.3.2.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3718 rev 1 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO, INC., MCC TF160*

(Replaces R5-232453)

**Decision:** The document was **agreed**.

**R5-232454 Correction of test procedure on TC 6.3.2.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3719 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO, INC., MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233459**.

**R5-233459 Correction of test procedure on TC 6.3.2.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3719 rev 1 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO, INC., MCC TF160*

(Replaces R5-232454)

**Decision:** The document was **agreed**.

**R5-232455 Correction of test procedure on TC 6.3.2.5**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3720 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO, INC., MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233460**.

**R5-233460 Correction of test procedure on TC 6.3.2.5**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3720 rev 1 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO, INC., MCC TF160*

(Replaces R5-232455)

**Decision:** The document was **agreed**.

**R5-232456 Correction of test procedure on TC 6.3.2.6**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3721 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO, INC., MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233461**.

**R5-233461 Correction of test procedure on TC 6.3.2.6**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3721 rev 1 Cat: F (Rel-17)  
  
 Source: NTT DOCOMO, INC., MCC TF160*

(Replaces R5-232456)

**Decision:** The document was **agreed**.

**R5-232509 Correction to NR SA SIG TC 6.1.2.2 Squal based**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3732 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233322**.

**R5-233322 Correction to NR SA SIG TC 6.1.2.2 Squal based**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3732 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

(Replaces R5-232509)

**Decision:** The document was **agreed**.

**R5-232644 Addition of FR2 cell power levels for Idle mode test cases**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3742 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233462**.

**R5-233462 Addition of FR2 cell power levels for Idle mode test cases**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3742 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK*

(Replaces R5-232644)

**Decision:** The document was **agreed**.

**R5-232645 Addition of FR2 cell power levels for SNPN test cases**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3743 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK*

**Discussion:**

TF160 manager: 1 FFS is left. ->Off

Lenovo wondered whether 3 calls on is ok?

**Decision:** The document was **revised to R5-233323**.

**R5-233323 Addition of FR2 cell power levels for SNPN test cases**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3743 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK*

(Replaces R5-232645)

**Decision:** The document was **agreed**.

**R5-232681 Editorial updates to Table 6.1.2.7.3.2-1 from Cell reselection/Equivalent PLMN test case**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3744 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

already covered in R5-232330

**Decision:** The document was **withdrawn**.

**R5-232688 Addition of new Idle mode TC to test the intraFreqReselection in MIB message is set to not allowed**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3748 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

late doc

r3

comments received from Huawei, Hisilicon to make the test case applicable for RedCap as well.

**Decision:** The document was **revised to R5-233463**.

**R5-233463 Addition of new Idle mode TC to test the intraFreqReselection in MIB message is set to not allowed**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3748 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-232688)

**Decision:** The document was **agreed**.

**R5-232893 Add new test case for 38.523-1 6.1.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3762 Cat: F (Rel-17)  
  
 Source: Samsung*

**Discussion:**

no x!

r2

**Decision:** The document was **revised to R5-233465**.

**R5-233465 Add new test case for 38.523-1 6.1.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3762 rev 1 Cat: F (Rel-17)  
  
 Source: Samsung*

(Replaces R5-232893)

**Decision:** The document was **not pursued**.

**R5-233313 Update of NR TC 6.1.2.3-Cell selection**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3843 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Abstract:**

This test case passes unstably since NR cell 1 and NR cell 11 are used with the same corset#0 index and search space index broadcasted by MIB and the same slot scheduling the SIB1 so that PDCCH resource of SIB1 actually crushed.

[TS 38.523-3 clause 7.3.3.2 ]

SIB1 is broadcasted in slot#1 in frames with even SFN.

For the most cases, the UE will reselect the better cell with higher power level. But for this testcase, the special thing is at T2, the UE needs to reselect the worse cell(NR cell 1) which is set to -94dB and the intra-frequency neighbor cell(NR cell 11) is set to -88dB. The target cell is interfered by the higher intra-freq neighbor cell so that UE may cannot decode the SIB1 of NR cell 1 stably.

**Discussion:**

late doc,

t.b.confirmed.

r1

Discussion with Qualcomm. Qualcomm requested more time to analyze.

RAN5 Chair: this test case has stability issues and will have to be brought up again next time.

Relaxing the requirements is not in our interest.

Huawei: a discussion document was shared in the TTCN sidebar.

for email agreement

**Decision:** The document was **revised to R5-233464**.

**R5-233464 Update of NR TC 6.1.2.3-Cell selection**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3843 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-233313)

**Discussion:**

for email agreement

r1

**Decision:** The document was **revised to R5-233776**.

**R5-233776 Update of NR TC 6.1.2.3-Cell selection**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3843 rev 2 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-233464)

**Discussion:**

Email agreed

**Decision:** The document was **agreed**.

##### 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

**R5-232065 Correction to MAC TC 7.1.1.12.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3637 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-232200 Corrections to NR MAC test cases 7.1.1.12.4.x**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3673 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-232284 Update NR 2 step RACH test case 7.1.1.7**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3686 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

reissued as R5-233282 because of wrong test case nr.

**Decision:** The document was **withdrawn**.

**R5-233282 Update NR 2 step RACH test case 7.1.1.1.7**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3837 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

reissued from R5-232284 because of wrong test case nr.

**Decision:** The document was **agreed**.

**R5-232285 Update NR 2 step RACH test case 7.1.1.8**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3687 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

reissued as R5-233283 because of wrong test case nr.

**Decision:** The document was **withdrawn**.

**R5-233283 Update NR 2 step RACH test case 7.1.1.1.8**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3838 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

reissued from R5-232285 because of wrong test case nr.

**Discussion:**

r1

**Decision:** The document was **revised to R5-233325**.

**R5-233325 Update NR 2 step RACH test case 7.1.1.1.8**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3838 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-233283)

**Decision:** The document was **agreed**.

**R5-232286 Addition of new NR 2 step RACH test case 7.1.1.19**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3688 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

reissued as R5-233284 because of wrong test case nr.

**Decision:** The document was **withdrawn**.

**R5-233284 Addition of new NR 2 step RACH test case 7.1.1.1.19**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3839 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

reissued from R5-232286 because of wrong test case nr.

**Discussion:**

reissued as R5-233326 again because of wrong test case nr.

**Decision:** The document was **withdrawn**.

**R5-233326 Addition of new NR 2 step RACH test case 7.1.1.1.9a**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3844 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

reissued from R5-233284 because of wrong test case nr.

**Decision:** The document was **agreed**.

**R5-232287 Addition of new NR 2 step RACH test case 7.1.1.20**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3689 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

reissued as R5-233285 because of wrong test case nr.

**Decision:** The document was **withdrawn**.

**R5-233285 Addition of new NR 2 step RACH test case 7.1.1.1.20**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3840 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

reissued from R5-232287 because of wrong test case nr.

**Discussion:**

reissued again as R5-233328 because of wrong test case nr.

**Decision:** The document was **withdrawn**.

**R5-233328 Addition of new NR 2 step RACH test case 7.1.1.1.10a**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3845 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

reissued from R5-233285 because of wrong test case nr.

**Decision:** The document was **agreed**.

**R5-232366 Correction to NR testcase 7.1.1.6.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3704 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-232391 Correction to NR testcase 7.1.1.12.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3708 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

offline discussion with Keysight UK.

Deferred.

r1

200->400ms!

**Decision:** The document was **revised to R5-233447**.

**R5-233447 Correction to NR testcase 7.1.1.12.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3708 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-232391)

**Decision:** The document was **revised to R5-233467**.

**R5-233467 Correction to NR testcase 7.1.1.12.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3708 rev 2 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-233447)

**Decision:** The document was **agreed**.

**R5-232397 Correction to NR MAC test case 7.1.1.12.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3711 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK, Qualcomm*

**Decision:** The document was **agreed**.

**R5-232640 Correction to NR MAC test cases 7.1.1.7.1.x**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3738 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK, Qualcomm*

**Discussion:**

WIC TEI16\_Test, NR\_Mob\_enh-UEConTest on cover wrong

r1

**Decision:** The document was **revised to R5-233324**.

**R5-233324 Correction to NR MAC test cases 7.1.1.7.1.x**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3738 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK, Qualcomm*

(Replaces R5-232640)

**Decision:** The document was **agreed**.

**R5-232641 Correction to NR MAC test case 7.1.1.9.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3739 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK, Qualcomm*

**Decision:** The document was **agreed**.

**R5-232872 Correction to NR testcase 7.1.1.3.2b**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3761 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ*

**Decision:** The document was **agreed**.

**R5-233072 Updates to MAC TC 7.1.1.5.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3798 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

6.4.4.3.1.3 RLC

**R5-232385 Correction to RLC UM test case 7.1.2.2.5**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3706 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-232972 Correction of NR TC 7.1.2.3.11-RLC re-establishment**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3789 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Decision:** The document was **agreed**.

6.4.4.3.1.4 PDCP

**R5-232201 Update to NR PDCP test case 7.1.3.5.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3674 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **withdrawn**.

**R5-232381 Correction to NR testcase 7.1.3.5.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3705 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ, Anritsu Ltd, Qualcomm, Keysight*

**Decision:** The document was **revised to R5-233449**.

**R5-233449 Correction to NR testcase 7.1.3.5.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3705 rev 1 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ, Anritsu Ltd, Qualcomm, Keysight*

(Replaces R5-232381)

**Decision:** The document was **agreed**.

**R5-232642 Correction to NR PDCP test case 7.1.3.5.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3740 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK*

**Discussion:**

still under discussion.

Deferred.

**Decision:** The document was **withdrawn**.

**R5-233073 Updates to MAC TC 7.1.3.3.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3799 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

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)

**R5-232066 Correction to NR RRC TC 8.1.1.3.7a**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3638 Cat: F (Rel-17)  
  
 Source: MediaTek Inc., Keysight, Rohde&Schwarz*

**Discussion:**

r1

R&S will withdraw their doc.

**Decision:** The document was **revised to R5-233358**.

**R5-233358 Correction to NR RRC TC 8.1.1.3.7a**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3638 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc., Keysight, Rohde&Schwarz*

(Replaces R5-232066)

**Decision:** The document was **agreed**.

**R5-233074 Updates to RRC TC 8.1.1.1.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3800 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

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)

**R5-232155 Correction to FR2 Power level tables for NR RRC test cases**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3661 Cat: F (Rel-17)  
  
 Source: Anritsu EMEA Ltd*

**Decision:** The document was **agreed**.

**R5-232510 Correction to NR SA SIG TC 8.1.3.1.18.x additional reporting**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3733 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Decision:** The document was **agreed**.

**R5-233075 Updates to RRC TCs 8.1.3.1.17 and 8.1.3.1.18**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3801 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233327**.

**R5-233327 Updates to RRC TCs 8.1.3.1.17 and 8.1.3.1.18**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3801 rev 1 Cat: F (Rel-17)  
  
 Source: MCC TF160*

(Replaces R5-233075)

**Decision:** The document was **agreed**.

6.4.4.4.1.4 RRC Handover (clause 8.1.4)

**R5-232331 Correction to NR RRC IRAT HO test case 8.1.4.2.1.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3699 Cat: F (Rel-17)  
  
 Source: Anritsu EMEA Ltd*

**Decision:** The document was **agreed**.

6.4.4.4.1.5 RRC Others (clause 8.1.5)

**R5-232202 Updates for NR RRC test case 8.1.5.1.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3675 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-232683 Addition of new RRC TC for RRCRelease with redirection with mpsPriorityIndication-r16**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3746 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

late doc

for email agreement

TF160 manager: you are adding a new TC 8.1.1.3.8. However according to our records Huawei has already reserved this TC# for a new NR\_Slice test case. NR\_Slice WP R5-232783 from CMCC.

r1

**Decision:** The document was **revised to R5-233777**.

**R5-233777 Addition of new RRC TC for RRCRelease with redirection with mpsPriorityIndication-r16**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3746 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-232683)

**Discussion:**

Email agreed

**Decision:** The document was **agreed**.

**R5-233289 Update of test case 8.1.5.9.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3841 Cat: F (Rel-17)  
  
 Source: MediaTek Inc*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

6.4.4.4.1.6 RRC SON and MDT support for NR (clause 8.1.6)

**R5-232067 Correction to MDT TC 8.1.6.2.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3639 Cat: F (Rel-17)  
  
 Source: MediaTek Inc., Anritsu*

**Decision:** The document was **agreed**.

**R5-232333 Correction to Rel-16 MDT Test Case 8.1.6.2.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3701 Cat: F (Rel-17)  
  
 Source: Anritsu EMEA Ltd*

**Decision:** The document was **agreed**.

**R5-232393 Correction to FR2 Power level tables for NR MDT test cases**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3709 Cat: F (Rel-17)  
  
 Source: Anritsu EMEA Ltd*

**Decision:** The document was **agreed**.

**R5-232643 Addition of FR2 cell power levels for SON-MDT test cases**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3741 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK*

**Decision:** The document was **agreed**.

6.4.4.4.1.7 RRC Non-public networks (clause 8.1.7)

**R5-233162 Correction to the applicability of TC 8.1.7.1.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3830 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **withdrawn**.

**R5-233271 Correction to the applicability of TC 8.1.7.1.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3832 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

**Discussion:**

late reservation

cover -2!

reissued as R5-233291 because of wrong spec.

**Decision:** The document was **withdrawn**.

###### 6.4.4.4.2 MR-DC RRC

6.4.4.4.2.1 RRC UE Capability / Others (clause 8.2.1)

**R5-232203 Updates for EN-DC RRC test case 8.2.1.1.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3676 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-232204 Updates for NE-DC RRC test case 8.2.1.1.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3677 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

6.4.4.4.2.2 RRC Radio Bearer (clause 8.2.2)

**R5-232280 Update NE-DC RRC Radio Bearer test case 8.2.2.7.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3682 Cat: F (Rel-17)  
  
 Source: ZTE Corporation, Ericsson*

**Discussion:**

Ericsson's R5-233122 is merged into here.

r2

**Decision:** The document was **revised to R5-233329**.

**R5-233329 Update NE-DC RRC Radio Bearer test case 8.2.2.7.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3682 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation, Ericsson*

(Replaces R5-232280)

**Decision:** The document was **agreed**.

**R5-233076 Updates to RRC TCs 8.2.2.4.1 and 8.2.2.5.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3802 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-233116 Update to test case 8.2.2.5.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3807 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

r1

**Decision:** The document was **revised to R5-233330**.

**R5-233330 Update to test case 8.2.2.5.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3807 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-233116)

**Decision:** The document was **agreed**.

**R5-233117 Update to test case 8.2.2.5.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3808 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

r1

**Decision:** The document was **revised to R5-233331**.

**R5-233331 Update to test case 8.2.2.5.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3808 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-233117)

**Decision:** The document was **agreed**.

**R5-233118 Update to test case 8.2.2.5.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3809 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

Offline comments from TF160

r1

**Decision:** The document was **revised to R5-233332**.

**R5-233332 Update to test case 8.2.2.5.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3809 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-233118)

**Decision:** The document was **agreed**.

**R5-233119 Update to test case 8.2.2.6.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3810 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

r1

**Decision:** The document was **revised to R5-233333**.

**R5-233333 Update to test case 8.2.2.6.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3810 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-233119)

**Decision:** The document was **agreed**.

**R5-233120 Update to test case 8.2.2.7.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3811 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

r1

**Decision:** The document was **revised to R5-233334**.

**R5-233334 Update to test case 8.2.2.7.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3811 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-233120)

**Decision:** The document was **agreed**.

**R5-233121 Update to test case 8.2.2.7.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3812 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

r1

**Decision:** The document was **revised to R5-233335**.

**R5-233335 Update to test case 8.2.2.7.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3812 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-233121)

**Decision:** The document was **agreed**.

**R5-233122 Update to test case 8.2.2.7.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3813 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

merged into ZTE's R5-232280.

**Decision:** The document was **withdrawn**.

**R5-233123 Update to test case 8.2.2.8.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3814 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

r1

**Decision:** The document was **revised to R5-233336**.

**R5-233336 Update to test case 8.2.2.8.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3814 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-233123)

**Decision:** The document was **agreed**.

**R5-233124 Update to test case 8.2.2.8.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3815 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

r1

**Decision:** The document was **revised to R5-233337**.

**R5-233337 Update to test case 8.2.2.8.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3815 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-233124)

**Decision:** The document was **agreed**.

**R5-233125 Update to test case 8.2.2.8.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3816 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

r1

**Decision:** The document was **revised to R5-233338**.

**R5-233338 Update to test case 8.2.2.8.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3816 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-233125)

**Decision:** The document was **agreed**.

**R5-233126 Update to test case 8.2.2.9.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3817 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

r1

**Decision:** The document was **revised to R5-233339**.

**R5-233339 Update to test case 8.2.2.9.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3817 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-233126)

**Decision:** The document was **agreed**.

**R5-233127 Update to test case 8.2.2.9.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3818 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

r1

**Decision:** The document was **revised to R5-233340**.

**R5-233340 Update to test case 8.2.2.9.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3818 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-233127)

**Decision:** The document was **agreed**.

**R5-233128 Update to test case 8.2.2.9.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3819 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

r1

**Decision:** The document was **revised to R5-233341**.

**R5-233341 Update to test case 8.2.2.9.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3819 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-233128)

**Decision:** The document was **agreed**.

6.4.4.4.2.3 RRC Measurement / Handovers (clause 8.2.3)

**R5-232281 Update NE-DC Handover test case 8.2.3.13.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3683 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Decision:** The document was **agreed**.

**R5-232282 Update NE-DC Measurement Configuration Control and Reporting test case 8.2.3.7.2a**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3684 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Decision:** The document was **agreed**.

**R5-232283 Update NE-DC Measurement Configuration Control and Reporting test case 8.2.3.8.2a**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3685 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Decision:** The document was **agreed**.

**R5-233077 Updates to RRC TCs 8.2.3.13.1 and 8.2.3.14.x**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3803 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-233129 Update to test case 8.2.3.13.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3820 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

r1

**Decision:** The document was **revised to R5-233342**.

**R5-233342 Update to test case 8.2.3.13.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3820 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-233129)

**Decision:** The document was **agreed**.

**R5-233130 Update to test case 8.2.3.13.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3821 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

r1

**Decision:** The document was **revised to R5-233343**.

**R5-233343 Update to test case 8.2.3.13.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3821 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-233130)

**Decision:** The document was **agreed**.

**R5-233131 Update to test case 8.2.3.14.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3822 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

r1

**Decision:** The document was **revised to R5-233344**.

**R5-233344 Update to test case 8.2.3.14.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3822 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-233131)

**Decision:** The document was **agreed**.

**R5-233132 Update to test case 8.2.3.14.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3823 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

r1

**Decision:** The document was **revised to R5-233345**.

**R5-233345 Update to test case 8.2.3.14.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3823 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-233132)

**Decision:** The document was **agreed**.

**R5-233133 Update to test case 8.2.3.14.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3824 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Discussion:**

Rel-16!

r1

**Decision:** The document was **revised to R5-233346**.

**R5-233346 Update to test case 8.2.3.14.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3824 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces R5-233133)

**Decision:** The document was **agreed**.

6.4.4.4.2.4 RRC Carrier Aggregation (clause 8.2.4)

**R5-233078 Updates to RRC TCs 8.2.4.1.1.1 and 8.2.4.2.1.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3804 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

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)

**R5-232068 Correction to 5GC TC 9.1.1.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3640 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233347**.

**R5-233347 Correction to 5GC TC 9.1.1.2**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3640 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-232068)

**Decision:** The document was **agreed**.

###### 6.4.4.5.2 MM Security mode control, Identification & Generic UE configuration update (clauses 9.1.2, 9.1.3 & 9.1.4)

**R5-232425 Corrections to NAS TC 9.1.2.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3715 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea, Keysight Technologies, Rhode and Schwarz*

**Decision:** The document was **agreed**.

###### 6.4.4.5.3 MM Registration & De-registration (clauses 9.1.5 & 9.1.6)

**R5-232069 Correction to MICO TC 9.1.5.1.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3641 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233348**.

**R5-233348 Correction to MICO TC 9.1.5.1.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3641 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-232069)

**Decision:** The document was **agreed**.

**R5-232070 Correction to 5GC TC 9.1.5.x**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3642 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

###### 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 RACS (clause 9.1.9)

**R5-232071 Correction to RACS TC 9.1.9.x**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3643 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

**R5-232332 Correction to NR5GC RACS Test case 9.1.9.5**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3700 Cat: F (Rel-17)  
  
 Source: Anritsu EMEA Ltd*

**Decision:** The document was **agreed**.

###### 6.4.4.5.7 MM Network slice-specific authentication and authorization (clause 9.1.10)

**R5-232072 Correction to eNS TC 9.1.10.4**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3644 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Discussion:**

Offline discussion with TF160.

Deferred.

**Decision:** The document was **withdrawn**.

**R5-232339 Correction to NR5GC testcase 9.1.10.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3702 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ, Qualcomm*

**Decision:** The document was **agreed**.

##### 6.4.4.6 5GS Non-3GPP Access Mobility Management (clause 9.2)

**R5-232073 Correction to 5GC TC 9.2.5.1.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3645 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **agreed**.

##### 6.4.4.7 5GS Inter-system Mobility (clause 9.3)

**R5-232074 Correction to 5GC TC 9.3.1.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3646 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Discussion:**

TF160 manager: one change to be undone.

**Decision:** The document was **revised to R5-233349**.

**R5-233349 Correction to 5GC TC 9.3.1.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3646 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-232074)

**Decision:** The document was **agreed**.

##### 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 (clause 11.1)

**R5-233146 Correction of multi layer test case 11.1.5**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3828 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

###### 6.4.4.11.2 5G-SRVCC (clause 11.2)

###### 6.4.4.11.3 Unified Access Control (UAC) (clause 11.3)

**R5-232075 Correction to UAC TC 11.3.10**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3647 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233350**.

**R5-233350 Correction to UAC TC 11.3.10**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3647 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-232075)

**Decision:** The document was **agreed**.

**R5-232361 Correction to NR5GC testcase 11.3.5**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3703 Cat: F (Rel-17)  
  
 Source: ROHDE & SCHWARZ, Qualcomm*

**Decision:** The document was **agreed**.

**R5-232686 Corrections to SNPN TC 11.3.9a**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3747 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies, Anritsu Ltd*

**Discussion:**

Offline comments from TF160

r1

**Decision:** The document was **revised to R5-233351**.

**R5-233351 Corrections to SNPN TC 11.3.9a**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3747 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies, Anritsu Ltd*

(Replaces R5-232686)

**Decision:** The document was **agreed**.

**R5-232975 Correction of NR TC 11.3.10-UAC**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3792 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

xxx

r1

RAN5 Chair: better not refer to a CT1 CR as a reason for change.

Rohde&Schwarz requested to defer the CR. IMS PDU session is released?

**Decision:** The document was **revised to R5-233352**.

**R5-233352 Correction of NR TC 11.3.10-UAC**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3792 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-232975)

**Discussion:**

first for email agreement, then withdrawn.

**Decision:** The document was **withdrawn**.

###### 6.4.4.11.4 Emergency Services (clause 11.4)

**R5-232076 Correction to emergency service TC 11.4.12**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3648 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

**Decision:** The document was **revised to R5-233353**.

**R5-233353 Correction to emergency service TC 11.4.12**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3648 rev 1 Cat: F (Rel-17)  
  
 Source: MediaTek Inc.*

(Replaces R5-232076)

**Decision:** The document was **agreed**.

**R5-232297 Update 5GMM Emergency Service test case 11.4.13**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0346 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

AI -1?

reissued as R5-233275 because of wrong spec.

**Decision:** The document was **withdrawn**.

**R5-233275 Update 5GMM Emergency Service test case 11.4.13**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3833 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

reissued from R5-232297 because of wrong spec.

**Discussion:**

r1

**Decision:** The document was **revised to R5-233354**.

**R5-233354 Update 5GMM Emergency Service test case 11.4.13**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3833 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-233275)

**Decision:** The document was **agreed**.

**R5-232386 Correction to Emergency Services test case 11.4.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3707 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK, Qualcomm*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233473**.

**R5-233473 Correction to Emergency Services test case 11.4.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3707 rev 1 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK, Qualcomm*

(Replaces R5-232386)

**Discussion:**

for email agreement

r1

**Decision:** The document was **revised to R5-233779**.

**R5-233779 Correction to Emergency Services test case 11.4.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3707 rev 2 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK, Qualcomm*

(Replaces R5-233473)

**Discussion:**

Email agreed

**Decision:** The document was **agreed**.

**R5-233147 Correction of emergency services test case 11.4.11**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3829 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

###### 6.4.4.11.5 3GPP PS Data Off (clause 11.6)

###### 6.4.4.11.6 Inter-system mobility between untrusted Non-3GPP and 3GPP system (clause 11.8)

**R5-232293 Addition of inter-system mobility test case 11.8.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3694 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

WIC changed to TEI15\_Test only.

**Decision:** The document was **revised to R5-233355**.

**R5-233355 Addition of inter-system mobility test case 11.8.1**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3694 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-232293)

**Decision:** The document was **agreed**.

**R5-232294 Addition of inter-system mobility test case 11.8.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3695 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

WIC, remove 5GS

**Decision:** The document was **revised to R5-233356**.

**R5-233356 Addition of inter-system mobility test case 11.8.3**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3695 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-232294)

**Decision:** The document was **agreed**.

#### 6.4.5 TS 38.523-2

**R5-232118 Update of 5G-NR test cases applicability**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0339 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **agreed**.

**R5-232295 Add applicabilities for new NR 2 step RACH test cases**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0344 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233466**.

**R5-233466 Add applicabilities for new NR 2 step RACH test cases**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0344 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-232295)

**Decision:** The document was **agreed**.

**R5-232296 Add applicabilities for new inter-system mobility test cases**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0345 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

r2

remove 5GS WIC

r3

**Decision:** The document was **revised to R5-233357**.

**R5-233357 Add applicabilities for new inter-system mobility test cases**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0345 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces R5-232296)

**Decision:** The document was **agreed**.

**R5-232646 Correction to applicability of NR MAC test cases 7.1.1.7.1.x**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0350 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK, Qualcomm*

**Decision:** The document was **agreed**.

**R5-232647 Correction to applicability of NR MAC test case 7.1.1.12.3**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0351 Cat: F (Rel-17)  
  
 Source: Keysight Technologies UK*

**Decision:** The document was **agreed**.

**R5-232685 Addition of applicability of new RRC TC for RRCRelease with redirection with mpsPriorityIndication-r16**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0352 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

late doc

for email agreement

TF160 manager: you are adding a new TC 8.1.1.3.8. However according to our records Huawei has already reserved this TC# for a new NR\_Slice test case. NR\_Slice WP R5-232783 from CMCC.

Email agreed!

**Decision:** The document was **agreed**.

**R5-232689 Addition of applicability of new Idle mode TC to test the intraFreqReselection in MIB message is set to not allowed**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0353 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

late doc

AI -1!

WIC: -5GS!

**Decision:** The document was **revised to R5-233476**.

**R5-233476 Addition of applicability of new Idle mode TC to test the intraFreqReselection in MIB message is set to not allowed**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0353 rev 1 Cat: F (Rel-17)  
  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-232689)

**Decision:** The document was **agreed**.

**R5-233185 Update to applicability of UAC TC11.3.1a**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0361 Cat: F (Rel-17)  
  
 Source: Bureau Veritas ADT, CATT*

**Decision:** The document was **agreed**.

**R5-233194 Editorial correction to specific ICS of test case 8.1.5.9.1**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0362 Cat: F (Rel-17)  
  
 Source: Bureau Veritas ADT, CATT*

**Abstract:**

Editorial CR

**Decision:** The document was **agreed**.

**R5-233291 Correction to the applicability of TC 8.1.7.1.1**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0365 Cat: F (Rel-17)  
  
 Source: Qualcomm Korea*

**Abstract:**

reissued from R5-233271 because of wrong spec.

**Decision:** The document was **agreed**.

**R5-233287 CR for applicability for new test case 6.1.2 Inter frequency cell reselection**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0364 Cat: F (Rel-17)  
  
 Source: Samsung*

**Abstract:**

According to the CR: R5-232893 CR for New Test Case Addition in 38.523-1

**Decision:** The document was **not pursued**.

#### 6.4.6 TS 38.523-3

**R5-232205 Routine maintenance for TS 38.523-3**

*Type: CR For: Agreement  
 38.523-3 v17.6.0 CR-3094 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

#### 6.4.7 Discussion Papers, Work Plan, TC lists

**R5-232298 Proposing 2 new test cases for closed WI NR 2-step RACH**

*Type: discussion For: Endorsement  
 Source: ZTE Corporation*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233318**.

**R5-233318 Proposing 2 new test cases for closed WI NR 2-step RACH**

*Type: discussion For: Endorsement  
 Source: ZTE Corporation*

(Replaces R5-232298)

**Discussion:**

Noted and proposal accepted.

Replacement CRs.

**Decision:** The document was **noted**.

**R5-232687 Discussion to add coverage for the TEI15 feature - "intraFreqReselection” field in MIB message is set to "not allowed"**

*Type: discussion For: Discussion  
 Source: Qualcomm CDMA Technologies*

**Abstract:**

1) It is proposed that a testcase be added in TS38.523-1 as TC 6.1.2.3a. Contributions in R5-232688 address the new prose addition and R5-232689 addresses the applicability.

2) It is proposed that the existing testcase 6.1.2.3 be updated to add an additional TP (3) as below:

**Discussion:**

r1

**Decision:** The document was **revised to R5-233319**.

**R5-233319 Discussion to add coverage for the TEI15 feature - "intraFreqReselection” field in MIB message is set to "not allowed"**

*Type: discussion For: Discussion  
 Source: Qualcomm CDMA Technologies*

(Replaces R5-232687)

**Discussion:**

Noted and proposal 1 accepted.

Applicability of RedCap test case to be further discussed.

**Decision:** The document was **noted**.

**R5-233064 TS 38.523-1 Tracker status before RAN5-99**

*Type: other For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-233201 Discussion to add coverage for TEI16 feature - Redirection with MPS Indication**

*Type: discussion For: Discussion  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

Proposals are accepted.

WP will be maintained.

**Decision:** The document was **noted**.

**R5-233286 Discussion for new test case for 6.1.2 Inter frequency cell reselection**

*Type: discussion For: discussion  
 Source: Samsung*

**Discussion:**

more discussions will be done offline.

**Decision:** The document was **noted**.

### 6.5 Routine Maintenance for TS 36 Series TEIx\_Test

#### 6.5.1 Routine Maintenance for TS 36.508

**R5-232360 Updating sf20 value in SystemInformationBlockType24**

*Type: CR For: Agreement  
 36.508 v18.0.0 CR-1421 Cat: F (Rel-18)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

changes proposed in this CR are covered by R5-232066

**Decision:** The document was **withdrawn**.

**R5-232900 Addition of Ethernet configuration for EHC testing for EUTRA common config**

*Type: CR For: Agreement  
 36.508 v18.0.0 CR-1423 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

The TF160 manager requested more time to chack.

Deferred.

r2

**Decision:** The document was **revised to R5-233418**.

**R5-233418 Addition of Ethernet configuration for EHC testing for EUTRA common config**

*Type: CR For: Agreement  
 36.508 v18.0.0 CR-1423 rev 1 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232900)

**Decision:** The document was **agreed**.

**R5-233152 Correction to generic procedure of EIEI test cases with ecall only support**

*Type: CR For: Agreement  
 36.508 v18.0.0 CR-1424 Cat: F (Rel-18)  
  
 Source: Qualcomm Incorporated*

**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

**R5-232077 Correction to MAC eDRX TC 7.1.6.x**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5203 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

**Abstract:**

Editorial

**Discussion:**

TF160 manager: pls. remove the ::= in some places.

**Decision:** The document was **revised to R5-233314**.

**R5-233314 Correction to MAC eDRX TC 7.1.6.x**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5203 rev 1 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

(Replaces R5-232077)

**Decision:** The document was **agreed**.

###### 6.5.3.2.2 RLC

###### 6.5.3.2.3 PDCP

**R5-232901 Correction to EHC testcase 7.3.6.2 for EUTRA**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5217 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233419**.

**R5-233419 Correction to EHC testcase 7.3.6.2 for EUTRA**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5217 rev 1 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232901)

**Decision:** The document was **agreed**.

##### 6.5.3.3 RRC

###### 6.5.3.3.1 RRC Part 1 (clauses 8.1 and 8.5)

**R5-232906 Correction to RRC downlink segmentation test case 8.5.5.2**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5218 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

**Abstract:**

request from TF160.

**Discussion:**

The TF160 manager requested additional changes.

**Decision:** The document was **revised to R5-233315**.

**R5-233315 Correction to RRC downlink segmentation test case 8.5.5.2**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5218 rev 1 Cat: F (Rel-18)  
  
 Source: MediaTek Inc.*

(Replaces R5-232906)

**Decision:** The document was **agreed**.

###### 6.5.3.3.2 RRC Part 2 (clause 8.2),

**R5-233022 Correction to LTE TC 8.2.1.5 for CAT-M1**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5219 Cat: F (Rel-18)  
  
 Source: Anritsu EMEA Ltd*

**Decision:** The document was **agreed**.

###### 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

##### 6.5.3.5 EPS Session Management

##### 6.5.3.6 General Tests

**R5-233148 Update to EIEI test case 11.3.2**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5220 Cat: F (Rel-18)  
  
 Source: Qualcomm Incorporated, MCC TF160*

**Decision:** The document was **agreed**.

**R5-233150 Update to EIEI test case 11.3.1**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5221 Cat: F (Rel-18)  
  
 Source: Qualcomm Incorporated, MCC TF160*

**Decision:** The document was **agreed**.

##### 6.5.3.7 Interoperability Radio Bearers

##### 6.5.3.8 Multilayer Procedures

**R5-232094 Add new test case 13.6.2 Inter-system mobility between untrusted Non-3GPP and 3GPP system/Handover from ePDG/EPC to E-UTRAN/EPC**

*Type: CR For: Agreement  
 36.523-1 v17.5.0 CR-5204 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

18.0.0!

reissued as R5-233274.

**Decision:** The document was **withdrawn**.

**R5-233274 Add new test case 13.6.2 Inter-system mobility between untrusted Non-3GPP and 3GPP system/Handover from ePDG/EPC to E-UTRAN/EPC**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5225 Cat: F (Rel-18)  
  
 Source: China Telecom*

**Abstract:**

reissued from R5-232094 because of wrong Rel+ver

**Discussion:**

r2

The TF160 manager commented on WiFi and HO attach.

Clause numbers & titles should be separated by a tab.

r3

**Decision:** The document was **revised to R5-233316**.

**R5-233316 Add new test case 13.6.2 Inter-system mobility between untrusted Non-3GPP and 3GPP system/Handover from ePDG/EPC to E-UTRAN/EPC**

*Type: CR For: Agreement  
 36.523-1 v18.0.0 CR-5225 rev 1 Cat: F (Rel-18)  
  
 Source: China Telecom*

(Replaces R5-233274)

**Decision:** The document was **agreed**.

##### 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...)

#### 6.5.4 Routine Maintenance for TS 36.523-2

**R5-232309 Add applicability for Inter-system mobility between untrusted Non-3GPP and 3GPP system/Handover from ePDG/EPC to E-UTRAN/EPC**

*Type: CR For: Agreement  
 36.523-2 v18.0.0 CR-1400 Cat: F (Rel-18)  
  
 Source: China Telecom*

**Decision:** The document was **agreed**.

**R5-233290 Test case title correction for 8.5.5.2**

*Type: CR For: Agreement  
 36.523-2 v18.0.0 CR-1405 Cat: F (Rel-18)  
  
 Source: MediaTek Inc*

**Discussion:**

late doc

**Decision:** The document was **agreed**.

#### 6.5.5 Routine Maintenance for TS 36.523-3

**R5-232206 Routine maintenance for TS 36.523-3**

*Type: CR For: Agreement  
 36.523-3 v17.6.0 CR-4734 Cat: F (Rel-17)  
  
 Source: MCC TF160, Anritsu EMEA Ltd.*

**Decision:** The document was **agreed**.

#### 6.5.6 Discussion Papers, Work Plan, TC lists

**R5-233065 TS 36.523-1 Tracker status before RAN5-99**

*Type: other For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

### 6.6 Other Maintenance TEIx\_Test

#### 6.6.1 Routine Maintenance for TDD (HCR & LCR)

##### 6.6.1.1 TS 34.108

##### 6.6.1.2 TS 34.123-1

##### 6.6.1.3 TS 34.123-2

##### 6.6.1.4 TS 34.123-3

##### 6.6.1.5 Discussion Papers, Work Plan, TC list & CR summary

#### 6.6.2 Routine Maintenance for TS 34.108

#### 6.6.3 Routine Maintenance for TS 34.109

#### 6.6.4 Routine Maintenance for TS 34.123

##### 6.6.4.1 TS 34.123-1

##### 6.6.4.2 TS 34.123-2

##### 6.6.4.3 TS 34.123-3

#### 6.6.5 Discussion Papers, Work Plan, TC lists

#### 6.6.6 Routine Maintenance for TS 34.229

##### 6.6.6.1 TS 34.229-1

**R5-232207 Correction of test case 15.25**

*Type: CR For: Agreement  
 34.229-1 v16.5.0 CR-1521 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-232208 Correction of test case 17.2**

*Type: CR For: Agreement  
 34.229-1 v16.5.0 CR-1522 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-232585 Updating IMS security profiles**

*Type: CR For: Agreement  
 34.229-1 v16.5.0 CR-1523 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

**Discussion:**

cl. aff.

r2

consensus to facilitate AES GCM, AES GMAC so that it won't fail a conformant UE.

r3

allow all algorithms, including the ones deemed insecure by SA3

**Decision:** The document was **revised to R5-233486**.

**R5-233486 Updating IMS security profiles**

*Type: CR For: Agreement  
 34.229-1 v16.5.0 CR-1523 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ*

(Replaces R5-232585)

**Decision:** The document was **withdrawn**.

**R5-232648 Correction to IMS XCAP test case 15.10**

*Type: CR For: Agreement  
 34.229-1 v16.5.0 CR-1524 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Decision:** The document was **agreed**.

**R5-233376 Update to Annex A.2.9**

*Type: CR For: Agreement  
 34.229-1 v16.5.0 CR-1526 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Abstract:**

reissued from R5-233153

**Decision:** The document was **agreed**.

**R5-233300 Correction of test case 19.3.1**

*Type: CR For: Agreement  
 34.229-1 v16.5.0 CR-1525 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Abstract:**

prose and TTCN are not aligned. We believe that TTCN is correct (TTCN is in approved status) and prose needs to be updated.

**Discussion:**

late doc

**Decision:** The document was **agreed**.

##### 6.6.6.2 TS 34.229-2

**R5-232388 Remove test case 7.4**

*Type: CR For: Agreement  
 34.229-2 v16.6.0 CR-0319 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

spec cover fix

**Decision:** The document was **revised to R5-233374**.

**R5-233374 Remove test case 7.4**

*Type: CR For: Agreement  
 34.229-2 v16.6.0 CR-0319 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-232388)

**Decision:** The document was **agreed**.

**R5-232389 Remove test case 7.6**

*Type: CR For: Agreement  
 34.229-2 v16.6.0 CR-0320 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

spec cover fix

**Decision:** The document was **revised to R5-233375**.

**R5-233375 Remove test case 7.6**

*Type: CR For: Agreement  
 34.229-2 v16.6.0 CR-0320 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-232389)

**Decision:** The document was **agreed**.

**R5-232390 Update applicabilities for NG.114 default test cases**

*Type: CR For: Agreement  
 34.229-2 v16.6.0 CR-0321 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

update applicability of 7.1, 7.2.

r1

**Decision:** The document was **revised to R5-233485**.

**R5-233485 Update applicabilities for NG.114 default test cases**

*Type: CR For: Agreement  
 34.229-2 v16.6.0 CR-0321 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-232390)

**Decision:** The document was **agreed**.

**R5-232649 Update to applicability of test cases 15.10 and 8.9 based on new PICS for CFNL**

*Type: CR For: Agreement  
 34.229-2 v16.6.0 CR-0322 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Discussion:**

late doc

**Decision:** The document was **withdrawn**.

**R5-232769 Updates to applicability for Supplementary Services test cases**

*Type: CR For: Agreement  
 34.229-2 v16.6.0 CR-0323 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

##### 6.6.6.3 TS 34.229-3

**R5-232209 Routine maintenance for TS 34.229-3**

*Type: CR For: Agreement  
 34.229-3 v17.1.0 CR-0908 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

##### 6.6.6.4 TS 34.229-4

##### 6.6.6.5 TS 34.229-5

**R5-232106 Remove test case 7.4**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0522 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233370**.

**R5-233370 Remove test case 7.4**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0522 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-232106)

**Decision:** The document was **agreed**.

**R5-232151 Remove test case 7.6**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0523 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233371**.

**R5-233371 Remove test case 7.6**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0523 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-232151)

**Decision:** The document was **agreed**.

**R5-232152 Update test case 7.13**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0524 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-232153 Update test case 7.16**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0525 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-232154 Update test case 7.22**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0526 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-232178 Correction to NR IMS test case 10.14**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0527 Cat: F (Rel-16)  
  
 Source: Anritsu EMEA Ltd, MediaTek*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233446**.

**R5-233446 Correction to NR IMS test case 10.14**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0527 rev 1 Cat: F (Rel-16)  
  
 Source: Anritsu EMEA Ltd, MediaTek*

(Replaces R5-232178)

**Decision:** The document was **agreed**.

**R5-232210 Correction of test case 7.21**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0528 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Decision:** The document was **agreed**.

**R5-232211 Correction of test case 7.26**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0529 Cat: F (Rel-16)  
  
 Source: MCC TF160, Qualcomm Incorporated*

**Decision:** The document was **agreed**.

**R5-232212 Correction of test cases 7.24a and 7.24b**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0530 Cat: F (Rel-16)  
  
 Source: MCC TF160, Qualcomm Incorporated*

**Decision:** The document was **agreed**.

**R5-232213 Correction of test cases 8.34, 8.35 and 8.36**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0531 Cat: F (Rel-16)  
  
 Source: MCC TF160, Qualcomm Incorporated, Ericsson*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233372**.

**R5-233372 Correction of test cases 8.34, 8.35 and 8.36**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0531 rev 1 Cat: F (Rel-16)  
  
 Source: MCC TF160, Qualcomm Incorporated, Ericsson*

(Replaces R5-232213)

**Decision:** The document was **agreed**.

**R5-232334 Correction to NR IMS test case 7.32**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0532 Cat: F (Rel-16)  
  
 Source: Anritsu EMEA Ltd*

**Decision:** The document was **withdrawn**.

**R5-232387 Add generic procedure for default MT video call**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0533 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-232650 Correction to MT Voice Call Control test case 7.31 and 7.32**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0534 Cat: F (Rel-16)  
  
 Source: Keysight Technologies UK*

**Decision:** The document was **agreed**.

**R5-232761 Updates to Annex A.25**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0535 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-232762 Updates to Annex A.19**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0536 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-232763 Updates to test case 8.6**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0537 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

RR5-!

r1

**Decision:** The document was **revised to R5-233373**.

**R5-233373 Updates to test case 8.6**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0537 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces R5-232763)

**Decision:** The document was **agreed**.

**R5-232764 Updates to test case 8.34**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0538 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

Merged into R5-232213

**Decision:** The document was **withdrawn**.

**R5-232765 Updates to test case 8.35**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0539 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

Merged into R5-232213

**Decision:** The document was **withdrawn**.

**R5-232766 Updates to test case 8.36**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0540 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

Merged into R5-232213

**Decision:** The document was **withdrawn**.

**R5-232767 Updates to test case 8.37**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0541 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-232768 Updates to test case 8.38**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0542 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**R5-232933 Correction to IMS testcase 10.4**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0543 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, MCCTF160*

**Discussion:**

r2

**Decision:** The document was **revised to R5-233448**.

**R5-233448 Correction to IMS testcase 10.4**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0543 rev 1 Cat: F (Rel-16)  
  
 Source: ROHDE & SCHWARZ, MCCTF160*

(Replaces R5-232933)

**Decision:** The document was **agreed**.

**R5-233153 Update to test case 7.21**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0544 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

reissued as R5-233376 based on discussion with MCC TF160.

**Decision:** The document was **withdrawn**.

**R5-233154 Update to test case 10.14**

*Type: CR For: Agreement  
 34.229-5 v16.6.1 CR-0545 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Decision:** The document was **withdrawn**.

##### 6.6.6.6 Discussion Papers, Work Plan, TC lists

#### 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)

##### 6.6.8.2 TS 51.010-2 (Signalling)

**R5-233296 Removal of mandatory status of GEA2**

*Type: CR For: Agreement  
 51.010-2 v13.14.0 CR-4411 Cat: F (Rel-13)  
  
 Source: Vodafone GmbH, Mediatek*

**Abstract:**

based on i/c LS R5-232048

**Discussion:**

update the conseq. if n. appr.

**Decision:** The document was **revised to R5-233450**.

**R5-233450 Removal of mandatory status of GEA2**

*Type: CR For: Agreement  
 51.010-2 v13.14.0 CR-4411 rev 1 Cat: F (Rel-13)  
  
 Source: Vodafone GmbH, Mediatek*

(Replaces R5-233296)

**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

**R5-232214 Correction of clause 5.5.11.3.5**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0301 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

**R5-232215 Correction of clause 5.5.4.10.1**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0302 Cat: F (Rel-16)  
  
 Source: MCC TF160, UPV/EHU, Nemergent Solutions*

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

**R5-232216 Correction of clause 5.5.6.11**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0303 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

**R5-232217 Correction of clause 5.5.8.12**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0304 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Discussion:**

will be merged into NIST's R5-232597r1.

**Decision:** The document was **withdrawn**.

**R5-232218 Correction of clause 5.5.8.3**

*Type: CR For: Agreement  
 36.579-1 v16.0.0 CR-0305 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

##### 6.6.9.2 TS 36.579-2

**R5-232219 Correction of clause 2**

*Type: CR For: Agreement  
 36.579-2 v16.0.0 CR-0329 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

**R5-232220 Correction of test case 6.1.1.16**

*Type: CR For: Agreement  
 36.579-2 v16.0.0 CR-0330 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

##### 6.6.9.3 TS 36.579-3

##### 6.6.9.4 TS 36.579-4

##### 6.6.9.5 TS 36.579-5

**R5-232221 Routine maintenance for TS 36.579-5**

*Type: CR For: Agreement  
 36.579-5 v17.1.0 CR-0093 Cat: F (Rel-17)  
  
 Source: MCC TF160*

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

##### 6.6.9.6 TS 36.579-6

**R5-232222 Correction of clause 2**

*Type: CR For: Agreement  
 36.579-6 v16.0.0 CR-0094 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

**R5-232223 Correction of test case 6.3.2**

*Type: CR For: Agreement  
 36.579-6 v16.0.0 CR-0095 Cat: F (Rel-16)  
  
 Source: MCC TF160*

**Discussion:**

block agreed on Thu.

**Decision:** The document was **agreed**.

##### 6.6.9.7 TS 36.579-7

##### 6.6.9.8 Other Specs

##### 6.6.9.9 Discussion Papers, Work Plan, TC lists

### 6.7 Outgoing liaison statements for provisional approval

**R5-233361 Response LS on Non-Support of Ciphering Algorithm GEA2**

*Type: LS out For: Approval  
 to GCF SG, cc TSG WG SA3, GCF CAG/FTAG, GSMA TSG, GSMA Fraud & Security Group, CTIA/PTCRB  
 Source: GCF SG*

**Abstract:**

RAN5 thanks GCF Steering Group for the LS on Non-Support of Ciphering Algorithm GEA2.

RAN5 took note of the in principle agreement made by GCF, that from GCF Certification Criteria Version 3.90 onwards (July 2023), Mobile Stations can only be certified without GEA2 support, irrespective of their implemented 3GPP GERAN Release.

Current 3GPP core and conformance test specifications allow support of GEA2 until Release16 and even mandate support of GEA2 from Release 6 to Release10. RAN5 understands the fact that GCF Certification Criteria (from version 3.90 onwards) will contradict core requirements and conformance test cases in 3GPP specifications. In this context, RAN5 understands the criticality of GCF’s request to RAN5 to remove mandatory status of GEA2 in 3GPP Conformance Test Specifications with immediate effect.

RAN5 would like to inform GCF that a ‘Change Request’ (R5-233450) has been agreed for TS 51.010-2 during RAN5#99 Meeting (22 – 26 May 2023 Incheon, Korea) making GEA2 applicability status optional from Release 6 onwards. RAN5 expects this ‘Change Request’ to be approved by RAN Plenary#100 meeting (12 – 14 June, Taipei) and be implemented in TS 51.010-2 version 13.15.0 (June 2023).

2 Actions

ACTION: None.

**Discussion:**

(Petra)

to be seen in joint.

for email approval

**Decision:** The document was **approved**.

### 6.8 AOB

## 7 Closing Joint Session

**R5-232022 Agenda - closing session**

*Type: agenda For: Information  
 Source: WG Chairman*

**Decision:** The document was **noted**.

### 7.1 Pointer CRs

**R5-232132 Removal of technical content in TS 36.508 v17.5.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 36.508 v17.5.0 CR-1418 Cat: F (Rel-17)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232133 Removal of technical content in TS 36.521-1 v17.6.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 36.521-1 v17.6.0 CR-5444 Cat: F (Rel-17)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232134 Removal of technical content in TS 36.521-2 v17.2.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 36.521-2 v17.2.0 CR-1005 Cat: F (Rel-17)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232135 Removal of technical content in TS 36.523-1 v17.5.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 36.523-1 v17.5.0 CR-5205 Cat: F (Rel-17)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232136 Removal of technical content in TS 36.523-2 v17.5.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 36.523-2 v17.5.0 CR-1399 Cat: F (Rel-17)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232137 Removal of technical content in TS 36.579-1 v15.9.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 36.579-1 v15.9.0 CR-0300 Cat: F (Rel-15)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232138 Removal of technical content in TS 36.579-2 v15.7.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 36.579-2 v15.7.0 CR-0327 Cat: F (Rel-15)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232139 Removal of technical content in TS 36.579-4 v15.5.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 36.579-4 v15.5.0 CR-0028 Cat: F (Rel-15)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232140 Removal of technical content in TS 36.579-6 v15.6.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 36.579-6 v15.6.0 CR-0092 Cat: F (Rel-15)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232141 Removal of technical content in TR 36.903 v16.1.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 36.903 v16.1.0 CR-0449 Cat: F (Rel-16)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232142 Removal of technical content in TR 36.903 v17.0.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 36.903 v17.0.0 CR-0450 Cat: F (Rel-17)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232143 Removal of technical content in TR 36.904 v14.0.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 36.904 v14.0.0 CR-0061 Cat: F (Rel-14)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232144 Removal of technical content in TR 36.904 v15.0.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 36.904 v15.0.0 CR-0062 Cat: F (Rel-15)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232145 Removal of technical content in TR 36.904 v16.0.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 36.904 v16.0.0 CR-0063 Cat: F (Rel-16)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232146 Removal of technical content in TR 36.904 v17.0.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 36.904 v17.0.0 CR-0064 Cat: F (Rel-17)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232147 Removal of technical content in TR 36.905 v17.0.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 36.905 v17.0.0 CR-0249 Cat: F (Rel-17)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232148 Removal of technical content in TS 37.571-1 v16.16.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 37.571-1 v16.16.0 CR-0409 Cat: F (Rel-16)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232149 Removal of technical content in TS 37.571-2 v16.15.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 37.571-2 v16.15.0 CR-0172 Cat: F (Rel-16)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

**R5-232150 Removal of technical content in TS 37.571-5 v16.10.0 and substitution with pointer to the next Release**

*Type: CR For: Agreement  
 37.571-5 v16.10.0 CR-0219 Cat: F (Rel-16)  
  
 Source: ETSI Secretariat*

**Abstract:**

block agreement

**Discussion:**

block agreed on Fri.

**Decision:** The document was **agreed**.

### 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

**R5-232898 Addition to testcase 8.1.5.13.2 Data on non-SDT Radio Bearers**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3763 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

AI 6.3.15.3

**Discussion:**

r1

**Decision:** The document was **revised to R5-233417**.

**R5-233417 Addition to testcase 8.1.5.13.2 Data on non-SDT Radio Bearers**

*Type: CR For: Agreement  
 38.523-1 v17.2.0 CR-3763 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232898)

**Decision:** The document was **not pursued**.

**R5-233477 Applicability of legacy NB-IOT testcases to NTN GSO capable UE**

*Type: discussion For: Endorsement  
 Source: Qualcomm Incorporated, Mediatek*

(Replaces R5-233161)

**Discussion:**

seen in the joint on Fr.

**Decision:** The document was **revised to R5-233495**.

**R5-233495 Applicability of legacy NB-IOT testcases to NTN GSO capable UE**

*Type: discussion For: Endorsement  
 Source: Qualcomm Incorporated, Mediatek*

(Replaces R5-233477)

**Discussion:**

Noted and proposals accepted.

**Decision:** The document was **noted**.

#### 7.2.3 Other open issues from joint sessions - original A.I. retained

#### 7.2.4 Other

### 7.3 iWD/PRD Updates

#### 7.3.1 iWD-003: Record of RAN5 owned test cases not ready for RAN5 agreement or verifiable on one UE only

#### 7.3.2 PRD17: Guidance to using Work Item Codes with RAN5 test cases

**R5-233178 PRD-17 on Guidance to Work Item Codes (post RAN#100 version)**

*Type: other For: Approval  
 Source: Bureau Veritas ADT (Rapporteur)*

**Abstract:**

Post-meeting

**Decision:** The document was **not treated**.

#### 7.3.3 PRD20: Status updates E-UTRA CA

**R5-233204 3GPP RAN5 PRD20 v1.3.0 Correction to subclause number in Section 6.2 and 6.3**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Decision:** The document was **approved**.

#### 7.3.4 PRD21: Status Updates and Completion Declaration Statements (CDS) for NR bands, NR band CBW extensions, 5G NR CADC configurations for PC3, PC1.5 and PC2

**R5-232107 PRD21 CDS: NR CA PC3 FR1 CA\_n28A-n78A**

*Type: WI summary For: Information  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **noted**.

**R5-232248 PRD21 CDS: CA\_n2A-n77A PC2**

*Type: other For: (not specified)  
 Source: Verizon Switzerland AG*

**Decision:** The document was **noted**.

**R5-232249 PRD21 CDS: CA\_n5A-n77A PC2**

*Type: other For: (not specified)  
 Source: Verizon Switzerland AG*

**Decision:** The document was **noted**.

**R5-232250 PRD21 CDS: CA\_n66A-n77A PC2**

*Type: other For: (not specified)  
 Source: Verizon Switzerland AG*

**Decision:** The document was **noted**.

**R5-232619 PRD21 CDS: For PC3 CA\_2A-n5A and CA\_2A-n48A**

*Type: other For: (not specified)  
 Source: Qualcomm India Pvt Ltd*

**Decision:** The document was **noted**.

**R5-232620 PRD21 CDS: PC3 EN-DC DC\_71A\_n2A**

*Type: other For: (not specified)  
 Source: Qualcomm India Pvt Ltd*

**Decision:** The document was **noted**.

**R5-232621 PRD21 CDS: PC3 EN-DC DC\_12A\_n2A and DC\_71A\_n66A**

*Type: other For: (not specified)  
 Source: Qualcomm India Pvt Ltd*

**Decision:** The document was **noted**.

**R5-232806 CDS for PC2 n39**

*Type: other For: (not specified)  
 Source: CMCC*

**Discussion:**

was not completed at RAN5#99 as expected.

**Decision:** The document was **withdrawn**.

**R5-232824 PRD21 on NR bands and 5G NR CADC config handling v1.5.0**

*Type: other For: Approval  
 Source: CMCC*

**Discussion:**

approved on 8.6.

**Decision:** The document was **approved**.

**R5-232882 PRD21 CDS: CA\_n5A-n66A BCS0, no UL CA, PC3.**

*Type: other For: Presentation  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-232883 PRD21 CDS: CA\_n5A-n66A, no UL CA, BCS1, PC3.**

*Type: other For: Presentation  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-233368 PRD21 CDS: CA\_n41A-n66A-n71A, BCS0, no UL CA, PC3.**

*Type: other For: discussion  
 Source: Ericsson*

**Decision:** The document was **noted**.

#### 7.3.5 Other PRD updates

### 7.4 Work Items/ Study Items

#### 7.4.1 Final version of Work Item Proposals

**R5-233304 New WID on UE Conformance - High-power UE operation for fixed-wireless/vehicle-mounted use cases in LTE bands and NR bands**

*Type: WID new For: Endorsement  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232261)

**Discussion:**

is endorsed.

**Decision:** The document was **agreed**.

**R5-233305 New WID on UE Conformance - High power UE (power class 2) for NR FR1 FDD single band**

*Type: WID new For: Endorsement  
 Source: China Unicom*

(Replaces R5-232299)

**Discussion:**

is endorsed.

**Decision:** The document was **agreed**.

**R5-232300 New WID on UE Conformance - Additional NR bands for UL-MIMO in Rel-18**

*Type: WID new For: Endorsement  
 Source: China Unicom*

**Abstract:**

Resubmission of RAN5#98 endorsed WIP that wasn’t submitted for approval to RP#99.

To provide higher UL throughput and better coverage，operators have urgent deployment demand on increasing new NR bands with UL-MIMO. RAN4 has introduced a WI for NR bands supporting UL-MIMO for PC3, PC2 and PC1.5 UE in Rel-17 at RP#90 meeting. In June 2022, RAN4 introduced an R18 basket WI for NR SUL band with UL MIMO for PC3, PC2 and NR band with UL-MIMO for PC5, PC3, PC2 and PC1.5 as a continuation of R17 work.

Some of the NR bands with UL MIMO in R18 are already 100% completed at last RP meeting. To fulfil the urgent demand of the market, It is proposed to introduce an associated RAN5 work item to enable UE conformance test for UE supporting UL-MIMO in R18.

4 Objective

4.1 Objective of SI or Core part WI or Testing part WI

The objective of this work item is to define the UE conformance requirements for NR SUL band with UL MIMO for PC3, PC2 and NR band with UL-MIMO for PC5, PC3, PC2 and PC1.5 covered in RAN4 work item in Rel-18.

**Discussion:**

is endorsed, like at the last meeting.

**Decision:** The document was **noted**.

**R5-233310 New WID on UE Conformance - IMS voice service support and network usability guarantee for UE’s E-UTRA capability disabled scenario in 5GS**

*Type: WID new For: Agreement  
 Source: China Telecom*

(Replaces R5-232335)

**Discussion:**

is endorsed.

**Decision:** The document was **agreed**.

**R5-233309 New WID on UE Conformance - Rel-18 High Power UE for NR CA and DC; and NR and LTE DC Configurations**

*Type: WID new For: Agreement  
 Source: China Telecom*

(Replaces R5-232415)

**Discussion:**

is endorsed

**Decision:** The document was **agreed**.

**R5-233306 New WID on UE Conformance - High power UE (power class 1.5) for NR FR1 TDD single band**

*Type: WID new For: Endorsement  
 Source: CMCC, Huawei, HiSilicon*

(Replaces R5-232826)

**Discussion:**

is endorsed

**Decision:** The document was **agreed**.

**R5-233312 New WID for IMS Data Channel test**

*Type: WID new For: Endorsement  
 Source: Huawei, Hisilicon*

(Replaces R5-233063)

**Discussion:**

is endorsed

**Decision:** The document was **agreed**.

**R5-233311 New WID on UE Conformance - Rel-17 Power Class 2 UE for NR inter-band CA/DC with or without SUL configurations with x (6>=x>2) bands DL and y (y=1, 2) bands UL**

*Type: WID new For: Endorsement  
 Source: Huawei, HiSilicon*

(Replaces R5-233105)

**Discussion:**

is endorsed

**Decision:** The document was **agreed**.

**R5-233307 New WID on UE Conformance - Rel-18 NR CA and DC; and NR and LTE DC Configurations**

*Type: WID new For: Endorsement  
 Source: Huawei, HiSilicon, CMCC*

(Replaces R5-233106)

**Discussion:**

is endorsed

**Decision:** The document was **agreed**.

**R5-233308 New WID on UE Conformance - New Rel-18 NR licensed bands and extension of existing NR bands**

*Type: WID new For: Endorsement  
 Source: Huawei, HiSilicon, China Telecom*

(Replaces R5-233107)

**Discussion:**

Vodafone asked offline to be added to the supported company.

is endorsed

**Decision:** The document was **agreed**.

#### 7.4.2 Active Work Items/ Study Item: work plans (wp), status reports (sr), Work Item Descriptions (wid)

**R5-232034 WI Progress and Target Completion Date Review**

*Type: other For: Information  
 Source: WG Chairman*

**Decision:** The document was **noted**.

**R5-232120 WP UE Conformance Test Aspects for NR RF Requirement Enhancements for FR2**

*Type: Work Plan For: Information  
 Source: Nokia, Nokia Shanghai Bell, Apple*

**Decision:** The document was **noted**.

**R5-232121 SR UE Conformance Test Aspects for NR RF Requirement Enhancements for FR2**

*Type: WI status report For: Information  
 Source: Nokia, Nokia Shanghai Bell, Apple*

**Decision:** The document was **noted**.

**R5-232122 WP UE Conformance – Further enhancements of NR RF requirements for FR2**

*Type: Work Plan For: Information  
 Source: Nokia, Nokia Shanghai Bell, Apple*

**Decision:** The document was **noted**.

**R5-232123 SR UE Conformance – Further enhancements of NR RF requirements for FR2**

*Type: WI status report For: Information  
 Source: Nokia, Nokia Shanghai Bell, Apple*

**Decision:** The document was **noted**.

**R5-232156 WP UE Conformance - Power\_Limit\_CA\_DC-UEConTest**

*Type: Work Plan For: Information  
 Source: Qualcomm India Pvt Ltd*

**Decision:** The document was **noted**.

**R5-232157 SR UE Conformance - Increasing UE power high limit for CA and DC**

*Type: WI status report For: Information  
 Source: Qualcomm India Pvt Ltd*

**Decision:** The document was **noted**.

**R5-232224 WP UE Conformance - User Plane Integrity Protection support for EPC connected architectures (incl. CT/SA aspects)**

*Type: Work Plan For: Information  
 Source: Vodafone GmbH*

**Decision:** The document was **noted**.

**R5-232225 SR UE Conformance – User Plane Integrity Protection support for EPC connected architectures (incl. CT/SA aspects)**

*Type: WI status report For: Information  
 Source: Vodafone GmbH*

**Decision:** The document was **noted**.

**R5-232255 WP UE Conformance - NR QoE management and optimizations for diverse services**

*Type: Work Plan For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-232256 SR UE Conformance - NR QoE management and optimizations for diverse services**

*Type: WI status report For: Information  
 Source: Ericsson*

**Decision:** The document was **noted**.

**R5-232301 SR UE Conformance Test Aspects - Access Traffic Steering, Switch and Splitting support in 5G**

*Type: WI status report For: Information  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-232302 WP UE Conformance Test Aspects - Access Traffic Steering, Switch and Splitting support in 5G**

*Type: Work Plan For: Information  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-232303 WP UE Conformance - Multi-SIM devices for LTE/NR**

*Type: Work Plan For: Information  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-232304 SR UE Conformance - Multi-SIM devices for LTE/NR**

*Type: WI status report For: Information  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-232327 WP for LTE\_TDD\_1670\_1675MHz-UEConTest**

*Type: Work Plan For: Approval  
 Source: Ligado Networks*

**Decision:** The document was **noted**.

**R5-232328 SR for LTE\_TDD\_1670\_1675MHz-UEConTest**

*Type: WI status report For: Approval  
 Source: Ligado Networks*

**Decision:** The document was **noted**.

**R5-232329 Revised WID: UE Conformance - Introduction of LTE TDD band in 1670-1675 MHz**

*Type: WID revised For: Endorsement  
 Source: Ligado Networks*

**Discussion:**

is endorsed

**Decision:** The document was **agreed**.

**R5-232398 Work plan: UE Conformance Test Aspects for NR Positioning Support**

*Type: Work Plan For: Endorsement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-232399 SR UE Conformance Test Aspects - NR Positioning Support**

*Type: WI status report For: Endorsement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-232400 Work plan: UE Conformance Test Aspects - NR Positioning Enhancement**

*Type: Work Plan For: Endorsement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-232401 SR UE Conformance Test Aspects - NR Positioning Enhancement**

*Type: WI status report For: Endorsement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-232402 Work plan: UE Conformance Test Aspects – NR Uplink Data Compression (UDC)**

*Type: Work Plan For: Endorsement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-232403 SR UE Conformance Test Aspects - NR Uplink Data Compression (UDC)**

*Type: WI status report For: Endorsement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-232404 Work plan: UE Conformance - NR sidelink enhancement**

*Type: Work Plan For: Endorsement  
 Source: CATT*

**Discussion:**

had chin. characters.

**Decision:** The document was **revised to R5-233764**.

**R5-233764 Work plan: UE Conformance - NR sidelink enhancement**

*Type: Work Plan For: Endorsement  
 Source: CATT*

(Replaces R5-232404)

**Decision:** The document was **noted**.

**R5-232405 SR UE Conformance - NR sidelink enhancement**

*Type: WI status report For: Endorsement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-232406 Work plan: UE Conformance - NR Sidelink Relay**

*Type: Work Plan For: Endorsement  
 Source: CATT*

**Discussion:**

had chin. characters.

**Decision:** The document was **revised to R5-233765**.

**R5-233765 Work plan: UE Conformance - NR Sidelink Relay**

*Type: Work Plan For: Endorsement  
 Source: CATT*

(Replaces R5-232406)

**Decision:** The document was **noted**.

**R5-232407 SR UE Conformance - NR Sidelink Relay**

*Type: WI status report For: Endorsement  
 Source: CATT*

**Decision:** The document was **noted**.

**R5-232421 Revised WID on UE Conformance – R17 Enhancement of Private Network Support for NG-RAN including CT aspects**

*Type: WID revised For: Endorsement  
 Source: China Telecom*

(Replaces RP-221300)

**Abstract:**

only UID is inserted

**Discussion:**

is endorsed

not needed to be sent to plenary.

**Decision:** The document was **agreed**.

**R5-232422 WP UE Conformance – Rel-17 Enhancement of Private Network Support for NG-RAN including CT aspects RAN5#99**

*Type: Work Plan For: Information  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-232423 SR UE Conformance – Rel-17 Enhancement of Private Network Support for NG-RAN including CT aspects RAN5#99**

*Type: WI status report For: Information  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-232511 WP of Rel-16 NR V2X WI after RAN5 99**

*Type: Work Plan For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-232512 SR of Rel-16 NR V2X WI after RAN5 99**

*Type: WI status report For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-232562 WP UE Conformance - NR and MR-DC measurement gap enhancements**

*Type: Work Plan For: Information  
 Source: MediaTek Inc.*

**Decision:** The document was **noted**.

**R5-232563 SR UE Conformance - NR and MR-DC measurement gap enhancements**

*Type: WI status report For: Information  
 Source: MediaTek Inc.*

**Decision:** The document was **noted**.

**R5-232564 WP UE Conformance - NB-IoT/eMTC support for Non-Terrestrial Networks (NTN) including EPS aspects**

*Type: Work Plan For: Information  
 Source: MediaTek Inc.*

**Decision:** The document was **noted**.

**R5-232565 SR UE Conformance - NB-IoT/eMTC support for Non-Terrestrial Networks (NTN) including EPS aspects**

*Type: WI status report For: Information  
 Source: MediaTek Inc.*

**Decision:** The document was **noted**.

**R5-232581 WP on UE Conformance - High power UE (power class 2) for EN-DC with 1 LTE band + 1 NR TDD band**

*Type: Work Plan For: Information  
 Source: China Unicom*

**Decision:** The document was **revised**.

**R5-233761 Revised WID - UE Conformance - High power UE (power class 2) for EN-DC with 1 LTE band + 1 NR TDD band**

*Type: WID revised For: Approval  
 Source: China Unicom*

**Decision:** The document was **noted**.

**R5-232582 SR on UE Conformance - High power UE (power class 2) for EN-DC with 1 LTE band + 1 NR TDD band**

*Type: WI status report For: Information  
 Source: China Unicom*

**Decision:** The document was **noted**.

**R5-232583 WP on UE Conformance – Support of reduced capability NR devices**

*Type: WI status report For: Information  
 Source: China Unicom*

**Decision:** The document was **noted**.

**R5-232584 SR on UE Conformance – Support of reduced capability NR devices**

*Type: WI status report For: Information  
 Source: China Unicom*

**Decision:** The document was **noted**.

**R5-232651 SR Protocol enhancements for Mission Critical Services for Rel-16 (MCPTT, MCVideo, MCData)**

*Type: WI status report For: Information  
 Source: NIST*

**Decision:** The document was **noted**.

**R5-232652 WP Protocol enhancements for Mission Critical Services for Rel-16 (MCPTT, MCVideo, MCData)**

*Type: Work Plan For: Information  
 Source: NIST*

**Decision:** The document was **noted**.

**R5-232696 SR - UE Conformance - Multiple Input Multiple Output (MIMO) Over-the-Air (OTA) requirements for NR UEs**

*Type: WI status report For: Approval  
 Source: Apple Electronics*

**Decision:** The document was **noted**.

**R5-232698 WP - UE Conformance - Multiple Input Multiple Output (MIMO) Over-the-Air (OTA) requirements for NR UEs**

*Type: Work Plan For: Approval  
 Source: Apple Electronics*

**Decision:** The document was **noted**.

**R5-232727 WP UE Conformance - UE RF requirements for Transparent Tx Diversity (TxD) for NR**

*Type: Work Plan For: Information  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-233498 Revised WID - UE Conformance - UE RF requirements for Transparent Tx Diversity (TxD) for NR**

*Type: WID revised For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

is endorsed

**Decision:** The document was **agreed**.

**R5-232728 SR UE Conformance - UE RF requirements for Transparent Tx Diversity (TxD) for NR**

*Type: WI status report For: Endorsement  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-232758 WP UE Conformance - Further Multi-RAT Dual-Connectivity enhancement**

*Type: Work Plan For: Information  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-232759 SR UE Conformance - Further Multi-RAT Dual-Connectivity enhancement**

*Type: WI status report For: Endorsement  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-232775 SR Rel-17 eNS\_Ph2-UEConTest after RAN5#99**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-232776 WP Rel-17 eNS\_Ph2-UEConTest after RAN5#99**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-232779 SR Rel-17 NR\_ENDC\_SON\_MDT\_enh-UEConTest after RAN5#99**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-232780 WP Rel-17 NR\_ENDC\_SON\_MDT\_enh-UEConTest after RAN5#99**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-232782 SR Rel-17 NR\_slice-UEConTest after RAN5#99**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-232783 WP Rel-17 NR\_slice-UEConTest after RAN5#99**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-232787 SR NR\_Rel-16\_CA\_DC after RAN5#99**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-232788 WP NR\_Rel-16\_CA\_DC after RAN5#99**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-232800 SR Rel-17 PC2 n39 after RAN5#99**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-232801 WP Rel-17 PC2 n39 after RAN5#99**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-232807 SR Rel-17 HST enh after RAN5#99**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-232808 WP Rel-17 HST enh after RAN5#99**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-232813 SR Rel-18 NB-IoT/eMTC NTN after RAN5#99**

*Type: WI status report For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-232814 WP Rel-18 NB-IoT/eMTC NTN after RAN5#99**

*Type: Work Plan For: (not specified)  
 Source: CMCC*

**Decision:** The document was **noted**.

**R5-232827 WP UE Conformance NR Coverage Enhancement RAN5#99**

*Type: Work Plan For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-232828 SR UE Conformance NR Coverage Enhancement RAN5#99**

*Type: WI status report For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-232829 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#99**

*Type: WI status report For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-232830 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#99**

*Type: Work Plan For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-232831 SR UE Conformance Further enhancement on NR demodulation performance RAN5#99**

*Type: WI status report For: Discussion  
 Source: China Telecom, Qualcomm*

**Decision:** The document was **noted**.

**R5-232832 WP UE Conformance – Downlink interruption for NR and EN-DC band combinations to conduct dynamic Tx Switching in Uplink RAN5#99**

*Type: Work Plan For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-232833 SR UE Conformance – Downlink interruption for NR and EN-DC band combinations to conduct dynamic Tx Switching in Uplink RAN5#99**

*Type: WI status report For: Discussion  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-232842 WP UE Conformance Test Aspects - Rel -16 for CLI handling for NR**

*Type: Work Plan For: Approval  
 Source: Qualcomm Europe Inc. Sweden*

**Discussion:**

found TS 38.508-1 is the only one for which there was no approved CR. Upon further checking found that all the message exceptions are being handled within the 38.533 test case itself which is why the common 38.508-1 section does not have any CLI related messages.

CLI WI related CRs to TR 38.903 are approved and present in the TR. Along with these updates, I also added some text in the revised WID summarizing the removal of few RRM test cases from the scope of the WID. Attached is the updated WID.

**Decision:** The document was **revised to R5-233780**.

**R5-233780 WP UE Conformance Test Aspects - Rel -16 for CLI handling for NR**

*Type: Work Plan For: Approval  
 Source: Qualcomm Europe Inc. Sweden*

(Replaces R5-232842)

**Decision:** The document was **noted**.

**R5-232843 SR UE Conformance Test Aspects - Rel -16 for CLI handling for NR**

*Type: WI status report For: Approval  
 Source: Qualcomm Europe Inc. Sweden*

**Decision:** The document was **noted**.

**R5-232844 WP - UE Conformance Test Aspects for NR-based Access to Unlicensed Spectrum**

*Type: Work Plan For: Approval  
 Source: Qualcomm Europe Inc. Sweden*

**Decision:** The document was **noted**.

**R5-232845 SR - UE Conformance Test Aspects for NR-based Access to Unlicensed Spectrum**

*Type: WI status report For: Approval  
 Source: Qualcomm Europe Inc. Sweden*

**Decision:** The document was **noted**.

**R5-232846 WP UE Conformance Test Aspects - Solutions for NR to support non-terrestrial networks (NTN)**

*Type: Work Plan For: Approval  
 Source: Qualcomm Europe Inc. Sweden*

**Decision:** The document was **noted**.

**R5-232847 SR UE Conformance Test Aspects - Solutions for NR to support non-terrestrial networks (NTN)**

*Type: WI status report For: Approval  
 Source: Qualcomm Europe Inc. Sweden*

**Decision:** The document was **noted**.

**R5-232848 WP UE Conformance Test Aspects - Further enhancement on NR demodulation performance**

*Type: Work Plan For: Approval  
 Source: Qualcomm Europe Inc. Sweden*

**Decision:** The document was **noted**.

**R5-232849 WP UE Conformance Test Aspects - Introduction of DL 1024QAM for NR frequency range 1 (FR1)**

*Type: Work Plan For: Approval  
 Source: Qualcomm Europe Inc. Sweden*

**Decision:** The document was **noted**.

**R5-232850 SR UE Conformance Test Aspects - Introduction of DL 1024QAM for NR frequency range 1 (FR1)**

*Type: WI status report For: Approval  
 Source: Qualcomm Europe Inc. Sweden*

**Decision:** The document was **noted**.

**R5-232884 WP - UE Conformance - Further enhancements on MIMO for NR**

*Type: Work Plan For: Approval  
 Source: Samsung*

**Decision:** The document was **noted**.

**R5-232885 SR - UE Conformance - Further enhancements on MIMO for NR**

*Type: WI status report For: Approval  
 Source: Samsung*

**Decision:** The document was **noted**.

**R5-232886 WP - UE Conformance - NR support for high speed train scenario in frequency range 2**

*Type: Work Plan For: Approval  
 Source: Samsung*

**Decision:** The document was **revised to R5-233496**.

**R5-233496 WP - UE Conformance - NR support for high speed train scenario in frequency range 2**

*Type: Work Plan For: Approval  
 Source: Samsung*

(Replaces R5-232886)

**Decision:** The document was **noted**.

**R5-232887 SR - UE Conformance - NR support for high speed train scenario in frequency range 2**

*Type: WI status report For: Approval  
 Source: Samsung*

**Decision:** The document was **revised to R5-233497**.

**R5-233497 SR - UE Conformance - NR support for high speed train scenario in frequency range 2**

*Type: WI status report For: Approval  
 Source: Samsung*

(Replaces R5-232887)

**Decision:** The document was **noted**.

**R5-232902 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**.

**R5-232903 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 **revised to R5-233769**.

**R5-233769 WP UE Conformance Test Aspects - LTE-NR & NR-NR Dual Connectivity and NR CA enhancements**

*Type: Work Plan For: -  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces R5-232903)

**Decision:** The document was **noted**.

**R5-232904 SR UE Conformance Test Aspects - Enhanced Industrial Internet of Things (IoT) and ultra-reliable and low latency communication (URLLC) support for NR**

*Type: WI status report For: (not specified)  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **noted**.

**R5-232905 WP UE Conformance Test Aspects - Enhanced Industrial Internet of Things (IoT) and ultra-reliable and low latency communication (URLLC) support for NR**

*Type: Work Plan For: (not specified)  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **noted**.

**R5-232908 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**.

**R5-232909 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**.

**R5-232935 SR of UE Conformance - NR Multicast and Broadcast Services including CT and SA aspects**

*Type: WI status report For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-232936 WP of UE Conformance - NR Multicast and Broadcast Services including CT and SA aspects**

*Type: Work Plan For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-233057 WP - Physical Layer Enhancements for NR Ultra-Reliable and Low Latency Communication**

*Type: Work Plan For: Information  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-233058 SR - Physical Layer Enhancements for NR Ultra-Reliable and Low Latency Communication**

*Type: WI status report For: Endorsement  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-233059 WP - Rel-17 RF requirements enhancement for NR frequency range 1 (FR1)**

*Type: Work Plan For: Information  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-233060 SR - Rel-17 RF requirements enhancement for NR frequency range 1 (FR1)**

*Type: WI status report For: Endorsement  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-233104 Revised WID on UE Conformance - Rel-17 NR CA and DC; and NR and LTE DC Configurations**

*Type: WID revised For: Endorsement  
 Source: Huawei, HiSilicon*

**Discussion:**

r1

**Decision:** The document was **revised to R5-233499**.

**R5-233499 Revised WID on UE Conformance - Rel-17 NR CA and DC; and NR and LTE DC Configurations**

*Type: WID revised For: Endorsement  
 Source: Huawei, HiSilicon*

(Replaces R5-233104)

**Discussion:**

is endorsed

**Decision:** The document was **agreed**.

**R5-233108 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**.

**R5-233109 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**.

**R5-233110 WP of Additional NR bands for UL-MIMO in Rel-17**

*Type: Work Plan For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-233111 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**.

**R5-233112 WP of FR2 FWA UE with maximum TRP of 23dBm for band n257 and n258**

*Type: Work Plan For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-233113 SR of FR2 FWA UE with maximum TRP of 23dBm for band n257 and n258**

*Type: WI status report For: Endorsement  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-233114 WP of RF requirements for NR frequency range 1**

*Type: Work Plan For: Information  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-233115 SR of RF requirements for NR frequency range 1**

*Type: WI status report For: Endorsement  
 Source: Huawei, HiSilicon*

**Decision:** The document was **noted**.

**R5-233196 WP UE Conformance Test Aspects - Rel-17 NR small data transmissions in INACTIVE state**

*Type: Work Plan For: Agreement  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **noted**.

**R5-233197 SR UE Conformance Test Aspects - Rel-17 NR small data transmissions in INACTIVE state**

*Type: WI status report For: Agreement  
 Source: Qualcomm CDMA Technologies*

**Discussion:**

Nokia reported that the status of agreed CR R5-232130 is incorrectly indicated as deferred. Rapporteur agreed to correct this in the plenary version.

**Decision:** The document was **noted**.

**R5-233198 WP UE Conformance Test Aspects - Rel-17 Support of Uncrewed Aerial Systems**

*Type: Work Plan For: Agreement  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **noted**.

**R5-233199 SR UE Conformance Test Aspects - Rel-17 Support of Uncrewed Aerial Systems**

*Type: WI status report For: Agreement  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **noted**.

**R5-233237 SR - UE Conformance - Introduction of UE TRP (Total Radiated Power) and TRS (Total Radiated Sensitivity) requirements and test methodologies for FR1 (NR SA and EN-DC)**

*Type: WI status report For: Approval  
 Source: Apple Inc*

**Abstract:**

Post RAN5#99 update

**Decision:** The document was **noted**.

**R5-233238 WP - UE Conformance - Introduction of UE TRP (Total Radiated Power) and TRS (Total Radiated Sensitivity) requirements and test methodologies for FR1 (NR SA and EN-DC)**

*Type: Work Plan For: Approval  
 Source: Apple Inc*

**Abstract:**

Post RAN5#99 update

**Decision:** The document was **noted**.

**R5-233239 SR - UE Conformance Aspects - NR RRM enhancements**

*Type: WI status report For: Approval  
 Source: Apple Inc*

**Abstract:**

Post RAN5#99 update

**Decision:** The document was **noted**.

**R5-233240 WP - UE Conformance Aspects - NR RRM enhancements**

*Type: Work Plan For: Approval  
 Source: Apple Inc*

**Abstract:**

Post RAN5#99 update

**Decision:** The document was **noted**.

**R5-233276 WP UE Conformance – UE power saving enhancements for NR**

*Type: Work Plan For: Information  
 Source: MediaTek Inc.*

**Decision:** The document was **noted**.

**R5-233277 SR UE Conformance – UE power saving enhancements for NR**

*Type: WI status report For: Endorsement  
 Source: MediaTek Inc.*

**Decision:** The document was **noted**.

**R5-233762 WP - Rel-15 5GS SIG NE-DC**

*Type: Work Plan For: Information  
 Source: CMCC*

**Decision:** The document was **noted**.

#### 7.4.3 Work Plan updates of recently closed work items

**R5-232251 WP Rel-15 NR TX and RX Test Cases – Part 3: Range 1 and Range 2 Interworking operation with other radios (TS 38.521-3)**

*Type: Work Plan For: Information  
 Source: Qualcomm India Pvt Ltd*

**Decision:** The document was **noted**.

**R5-232310 WP-UE Conformance-Inter-system mobility between untrusted Non-3GPP and 3GPP system**

*Type: Work Plan For: Information  
 Source: China Telecom*

**Decision:** The document was **noted**.

**R5-232394 Rel-15 5GS WP TR 38.903 - NR Derivation of test tolerances for RRM and UE radio reception conformance tests**

*Type: Work Plan For: Information  
 Source: AT&T*

**Abstract:**

Post Meeting Document

**Decision:** The document was **not treated**.

**R5-233203 Rel-15 5GS maintenance SIG WP (NR-SA and ENDC)**

*Type: Work Plan For: Agreement  
 Source: Qualcomm CDMA Technologies*

**Decision:** The document was **not treated**.

**R5-233766 WP Rel-15 NR Transmitter and Receiver Test Cases – SA Range 1 (TS 38.521-1)**

*Type: Work Plan For: Information  
 Source: Huawei*

**Discussion:**

post meeting doc

**Decision:** The document was **noted**.

**R5-233767 WP Rel-15 NR Transmitter and Receiver Test Cases – SA Range 2 (TS 38.521-2)**

*Type: Work Plan For: Information  
 Source: Huawei*

**Discussion:**

post meeting doc

**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.)

**R5-232821 Draft TS 36.521-4 v0.2.0**

*Type: draft TS For: Approval  
 36.521-4 v0.2.0  
 Source: CMCC, MTK*

**Discussion:**

approval deadline 7.6.

**Decision:** The document was **approved**.

**R5-232851 Draft TS 38.521-5 version 0.2.0**

*Type: draft TS For: Approval  
 38.521-5 v0.2.0  
 Source: Qualcomm Europe Inc. Sweden*

**Discussion:**

for email approval

deadline 9.6.

**Decision:** The document was **approved**.

**R5-233066 TS 38.523-1 Tracker status after RAN5-99**

*Type: other For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-233067 TS 36.523-1 Tracker status after RAN5-99**

*Type: other For: Information  
 Source: Huawei, Hisilicon*

**Decision:** The document was **noted**.

**R5-233179 RAN5#99 summary of changes to RAN5 test cases with potential impact on GCF and PTCRB**

*Type: report For: Information  
 Source: Bureau Veritas ADT*

**Abstract:**

Post-meeting

**Decision:** The document was **not treated**.

**R5-233234 Draft TS 38.551 v0.2.0**

*Type: draft TS For: Approval  
 38.551 v0.1.0  
 Source: Apple Electronics*

**Discussion:**

for email approval

deadline 9.6.

**Decision:** The document was **approved**.

**R5-233241 Draft TS 38.561 v0.3.0**

*Type: draft TS For: Approval  
 38.561 v0.2.0  
 Source: Apple Inc*

**Abstract:**

Next draft spec version to incorporate approved pCRs from NR\_FR1\_TRP\_TRS-UEConTest WID at RAN5#99

**Discussion:**

for email approval

**Decision:** The document was **for email approval**.

### 7.6 Confirmation of Future RAN5 Matters

**R5-232035 Review deadlines for next quarter**

*Type: other For: Information  
 Source: WG Chairman*

**Discussion:**

The RAN5 Chair thanked and farewelled Mikael Ziren from Ericsson (RF) for his long standing commitment and in RAN5.

**Decision:** The document was **noted**.

**R5-233481 LS on frequencyInfo for NR SL RSRP measurements**

*Type: LS out For: Approval  
 to TSG WG RAN2  
 Source: TSG WG RAN5*

**Abstract:**

RAN5 has the following observations impacting NR SL-RSRP measurement test cases in TS 38.523-1 clause 12.1.3.1, 12.1.3.2, 12.1.3.3, 12.2.5.1, 12.2.5.2 and 12.2.5.3 and message content default setting in TS 38.508-1 Table 4.6.6-16:

(1) In IE SL-MeasObject-r16 there is a mandatory field frequencyInfoSL-r16 with IE type ARFCN-ValueNR. However, there is no description for this field in 38.331. Then its exact meaning is unclear.

In RAN5 understanding, this field is not the indication of the central frequency of measurement resources since NR SL-RSRP measurement is based on PSSCH-DMRS. It’s impossible for SL UE to keep sending PSSCH-DMRS in a fixed frequency location, especially in SL transmission mode 2.

It’s also RAN5 understanding this field seems to be the indication of the carrier on which SL-RSRP measurement is performed. However, there is still ambiguity about the interpretation of this field. For example, this field may be interpreted as the indication to the central/lower edge/upper edge of carrier/SL-BWP/resource pool, etc.. This ambiguity can lead to unpredictable UE behaviour during testing.

Considering The test cases mentioned above cannot be deliverable until the meaning of frequencyInfoSL-r16 is clarified, RAN5 would like RAN2 to kindly answer below questions.

Q1: What is the exact meaning of frequencyInfoSL-r16 in SL-MeasObject-r16?

2. Actions: To RAN2 group: RAN5 asks RAN2 to provide feedback on question Q1 above.

**Discussion:**

(Xuesong)

for email approval

7.6.

was already uploaded.

**Decision:** The document was **revised to R5-233768**.

**R5-233768 LS on frequencyInfo for NR SL RSRP measurements**

*Type: LS out For: Approval  
 to TSG WG RAN2  
 Source: TSG WG RAN5*

(Replaces R5-233481)

**Decision:** The document was **approved**.

### 7.7 AOB

**R5-232968 Add test applicability for EPS UPIP TC**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0357 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

**Discussion:**

Tdoc xxx, no CR#!

r1

**Decision:** The document was **revised to R5-233393**.

**R5-233393 Add test applicability for EPS UPIP TC**

*Type: CR For: Agreement  
 38.523-2 v17.2.1 CR-0357 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Hisilicon*

(Replaces R5-232968)

**Decision:** The document was **agreed**.

## Annex A: Contribution documents and status

### A1: List of TDocs

1759 documents were submitted at RAN5#99. Plus 458 informal revisions (not shown here)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Decision | Replaces | Replaced by |
| R5-232020 | Agenda - opening session | WG Chairman | revised |  | R5-232774 |
| R5-232021 | Agenda - midweek session | WG Chairman | noted |  |  |
| R5-232022 | Agenda - closing session | WG Chairman | noted |  |  |
| R5-232023 | RAN5#99 Session Programme | WG Chairman | noted |  |  |
| R5-232024 | RAN5 Leadership Team | WG Chairman | noted |  |  |
| R5-232025 | RAN5#98 WG Minutes | ETSI Secretariat | revised |  | R5-233301 |
| R5-232026 | RAN5#98 WG Action Points | ETSI Secretariat | noted |  |  |
| R5-232027 | Latest RAN Plenary notes | WG Chairman | noted |  |  |
| R5-232028 | Latest RAN Plenary draft Report | WG Chairman | noted |  |  |
| R5-232029 | Post Plenary Active Work Item update | ETSI Secretariat | noted |  |  |
| R5-232030 | RAN5 SR to RP#99 | WG Chairman | noted |  |  |
| R5-232031 | TF160 SR to RP#99 | WG Chairman | noted |  |  |
| R5-232032 | RAN5#99 LS Template | WG Chairman | noted |  |  |
| R5-232033 | Meeting schedule for 2023-24 | WG Chairman | noted |  |  |
| R5-232034 | WI Progress and Target Completion Date Review | WG Chairman | noted |  |  |
| R5-232035 | Review deadlines for next quarter | WG Chairman | noted |  |  |
| R5-232036 | Addition of MUSIM UAI test function | China Telecom | revised |  | R5-233380 |
| R5-232037 | Add new NR Multi-SIM test case 8.1.5.10.2 | China Telecom | revised |  | R5-233469 |
| R5-232038 | Add applicability for NR multi-SIM test case 8.1.5.10.2 | China Telecom | agreed |  |  |
| R5-232039 | Addition of ATSSS new TC 10.4.2.2 | China Telecom | revised |  | R5-233430 |
| R5-232040 | Reply LS from CT6 to review mandate of the implementation of UI/MMI features for Wearable form factor. | TSG WG CT6 | noted |  |  |
| R5-232041 | Reply LS on 15 dBm output power requirement for NS\_41 | TSG WG RAN4 | noted |  |  |
| R5-232042 | Reply LS to ETSI TC MSG/TFES on NR TRP and TRS requirements | TSG WG RAN4 | noted |  |  |
| R5-232043 | Reply LS on lower humidity limit in normal temperature test environment | TSG WG RAN4 | noted |  |  |
| R5-232044 | Reply to LS to 3GPP on ECC request for standardisation support related to ECC Decision (22)07 on “harmonised framework on aerial UE usage in MFCN harmonised bands” | TSG RAN | noted |  |  |
| R5-232045 | LS Reply on ECC request for standardisation support related to ECC Decision (22)07 on “harmonised framework on aerial UE usage in MFCN harmonised bands” | TSG WG SA2 | noted |  |  |
| R5-232046 | Reply LS on FR2 RLM/BFD and beam sweeping from multiple directions | TSG WG RAN4 | noted |  |  |
| R5-232047 | LS on clarification of test configurations for CA/DC MSD requirements | TSG WG RAN4 | noted |  |  |
| R5-232048 | Non-Support of Ciphering Algorithm GEA2 | GCF SG | noted |  | - |
| R5-232049 | NR Bandwidth for OTA TRS testing | GSMA TSGAP | noted |  |  |
| R5-232050 | Correction to power saving enhancements TC 8.1.1.1a.1 | MediaTek Inc. | revised |  | R5-233427 |
| R5-232051 | Correction to power saving enhancements TC 8.1.1.1a.2 | MediaTek Inc. | agreed |  |  |
| R5-232052 | Correction to power saving enhancements TC 8.1.1.1a.3 | MediaTek Inc. | agreed |  |  |
| R5-232053 | Correction to power saving enhancements TC 9.1.14.1 | MediaTek Inc. | agreed |  |  |
| R5-232054 | Correction to power saving enhancements TC 11.4.1a | MediaTek Inc. | revised |  | R5-233428 |
| R5-232055 | Correction to generic procedure 4.5.2E | MediaTek Inc. | agreed |  |  |
| R5-232056 | Correction to test procedure 4.9.9 | MediaTek Inc. | agreed |  |  |
| R5-232057 | Correction to PDCCH-Config for DCI\_2-6 | MediaTek Inc. | withdrawn |  |  |
| R5-232058 | Correction to DAPS PICS | MediaTek Inc. | agreed |  |  |
| R5-232059 | Correction to Idle mode TC 6.1.1.4a and 6.1.2.15a | MediaTek Inc. | agreed |  |  |
| R5-232060 | Correction to CAG TC 6.5.2.1 | MediaTek Inc. | agreed |  |  |
| R5-232061 | Correction to CAG TC 6.5.2.2 | MediaTek Inc. | revised |  | R5-233321 |
| R5-232062 | Correction to CAG TC 6.5.2.3 | MediaTek Inc. | agreed |  |  |
| R5-232063 | Correction to CAG TC 6.5.2.4 | MediaTek Inc. | agreed |  |  |
| R5-232064 | Correction to CAG TC 6.5.2.6 | MediaTek Inc. | agreed |  |  |
| R5-232065 | Correction to MAC TC 7.1.1.12.3 | MediaTek Inc. | agreed |  |  |
| R5-232066 | Correction to NR RRC TC 8.1.1.3.7a | MediaTek Inc., Keysight, Rohde&Schwarz | revised |  | R5-233358 |
| R5-232067 | Correction to MDT TC 8.1.6.2.4 | MediaTek Inc., Anritsu | agreed |  |  |
| R5-232068 | Correction to 5GC TC 9.1.1.2 | MediaTek Inc. | revised |  | R5-233347 |
| R5-232069 | Correction to MICO TC 9.1.5.1.4 | MediaTek Inc. | revised |  | R5-233348 |
| R5-232070 | Correction to 5GC TC 9.1.5.x | MediaTek Inc. | agreed |  |  |
| R5-232071 | Correction to RACS TC 9.1.9.x | MediaTek Inc. | agreed |  |  |
| R5-232072 | Correction to eNS TC 9.1.10.4 | MediaTek Inc. | withdrawn |  |  |
| R5-232073 | Correction to 5GC TC 9.2.5.1.1 | MediaTek Inc. | agreed |  |  |
| R5-232074 | Correction to 5GC TC 9.3.1.3 | MediaTek Inc. | revised |  | R5-233349 |
| R5-232075 | Correction to UAC TC 11.3.10 | MediaTek Inc. | revised |  | R5-233350 |
| R5-232076 | Correction to emergency service TC 11.4.12 | MediaTek Inc. | revised |  | R5-233353 |
| R5-232077 | Correction to MAC eDRX TC 7.1.6.x | MediaTek Inc. | revised |  | R5-233314 |
| R5-232078 | TT analysis for positioning test case 16.3.2 | CATT | agreed |  |  |
| R5-232079 | Correction to PRS-RSRP test cases 16.3.2 | CATT | agreed |  |  |
| R5-232080 | Addition of NR PRS-based measurement requirements for PRS-RSRP accuracy test case | CATT | agreed |  |  |
| R5-232081 | Addition of Pre-MG RRM test case 6.6.17.1 | MediaTek Inc. | withdrawn |  |  |
| R5-232082 | Addition of Pre-MG RRM test case 6.6.17.2 | MediaTek Inc. | withdrawn |  |  |
| R5-232083 | Addition of Pre-MG RRM test case 6.6.17.1 | MediaTek Inc. | revised |  | R5-233609 |
| R5-232084 | Addition of Pre-MG RRM test case 6.6.17.2 | MediaTek Inc. | revised |  | R5-233608 |
| R5-232085 | Correction to ATSSS TC 10.4.1.1 | MediaTek Inc. | agreed |  |  |
| R5-232086 | Correction to ATSSS TC 10.4.1.2 | MediaTek Inc. | revised |  | R5-233431 |
| R5-232087 | Correction to ATSSS TC 10.4.1.4 | MediaTek Inc. | revised |  | R5-233432 |
| R5-232088 | Correction to RedCap TC 6.1.2.26 | MediaTek Inc. | withdrawn |  |  |
| R5-232089 | Correction to RedCap test case 11.7.1 | MediaTek Inc., Huawei, Hisilicon, MCC TF160 | revised |  | R5-233411 |
| R5-232090 | Correction to RedCap test case 11.7.2 | MediaTek Inc., Huawei, Hisilicon, MCC TF160 | revised |  | R5-233412 |
| R5-232091 | Correction to SDT TC 7.1.1.13.1 | MediaTek Inc. | revised |  | R5-233413 |
| R5-232092 | Correction to SDT TC 7.1.1.13.2 | MediaTek Inc. | agreed |  |  |
| R5-232093 | Correction to SDT TC 7.1.1.13.3 | MediaTek Inc. | agreed |  |  |
| R5-232094 | Add new test case 13.6.2 Inter-system mobility between untrusted Non-3GPP and 3GPP system/Handover from ePDG/EPC to E-UTRAN/EPC | China Telecom | withdrawn |  | - |
| R5-232095 | Correction to SDT TC 7.1.1.13.4 | MediaTek Inc. | agreed |  |  |
| R5-232096 | Editorial corrections to SDT TC 8.1.5.13.1 | MediaTek Inc. | agreed |  |  |
| R5-232097 | Addition of minimum requirements for 6.6.19.0 - FR1 NCSG | MediaTek Inc. | agreed |  |  |
| R5-232098 | Addition of NCSG RRM test case 6.6.19.1 | MediaTek Inc. | agreed |  |  |
| R5-232099 | Addition of NCSG RRM test case 6.6.19.2 | MediaTek Inc. | agreed |  |  |
| R5-232100 | Addition of NCSG RRM test case 6.6.19.3 | MediaTek Inc. | agreed |  |  |
| R5-232101 | Addition of NCSG RRM test case 6.6.19.4 | MediaTek Inc. | agreed |  |  |
| R5-232102 | Correction to table E.4-1 and E.4-2 for NCSG TCs | MediaTek Inc. | agreed |  |  |
| R5-232103 | Add applicability of new test cases for gap enhancement- Pre-MG and NCSG | MediaTek Inc. | revised |  | R5-233690 |
| R5-232104 | Addition of minimum requirements for 6.6.17.0 | MediaTek Inc. | agreed |  |  |
| R5-232105 | Introduction of DC\_1A\_n79A PC2 MOP test requirements | NTT DOCOMO INC. | withdrawn |  |  |
| R5-232106 | Remove test case 7.4 | Ericsson | revised |  | R5-233370 |
| R5-232107 | PRD21 CDS: NR CA PC3 FR1 CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | noted |  |  |
| R5-232108 | Introduction of CA\_n28A-n78A for physical layer baseline implementation capabilities | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232109 | Introduction of Output power requirements for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232110 | Introduction of additional maximum output power reduction for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | revised |  | R5-233510 |
| R5-232111 | Introduction of General spurious emissions test requirements for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232112 | Introduction of Spurious emissions for UE co-existence requirements for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | revised |  | R5-233511 |
| R5-232113 | Introduction of Spurious emissions for UE co-existence test requirements for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232114 | Introduction of MOP test point analysis for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232115 | Introduction of spurious emission TP analysis for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232116 | Introduction of reference sensitivity test point analysis for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232117 | Adding Reference sensitivity exceptions due to UL harmonic interference for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | revised |  | R5-233517 |
| R5-232118 | Update of 5G-NR test cases applicability | Qualcomm Incorporated | agreed |  |  |
| R5-232119 | Add Reference sensitivity power level test requirements for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell, Apple | agreed |  |  |
| R5-232120 | WP UE Conformance Test Aspects for NR RF Requirement Enhancements for FR2 | Nokia, Nokia Shanghai Bell, Apple | noted |  |  |
| R5-232121 | SR UE Conformance Test Aspects for NR RF Requirement Enhancements for FR2 | Nokia, Nokia Shanghai Bell, Apple | noted |  |  |
| R5-232122 | WP UE Conformance – Further enhancements of NR RF requirements for FR2 | Nokia, Nokia Shanghai Bell, Apple | noted |  |  |
| R5-232123 | SR UE Conformance – Further enhancements of NR RF requirements for FR2 | Nokia, Nokia Shanghai Bell, Apple | noted |  |  |
| R5-232124 | Adding RedCap UE FR2 PC7 Carrier leakage requirement | Nokia, Nokia Shanghai Bell | revised |  | R5-233552 |
| R5-232125 | Adding RedCap UE FR2 PC7 In-band emissions requirement | Nokia, Nokia Shanghai Bell | revised |  | R5-233553 |
| R5-232126 | TT analysis for FR2 UE UL carrier RRC reconfiguration delay test case | Nokia, Nokia Shanghai Bell | revised |  | R5-233664 |
| R5-232127 | UE UL carrier RRC reconfiguration delay test tolerances for FR2 | Nokia, Nokia Shanghai Bell | revised |  | R5-233663 |
| R5-232128 | Adding test case 7.5.3.3 for SCell Activation and deactivation for SCell in FR2 inter-band in non-DRX | Nokia, Nokia Shanghai Bell | revised |  | R5-233618 |
| R5-232129 | Adding applicability statement for SCell Activation and deactivation for SCell in FR2 inter-band in non-DRX | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232130 | Addition to CG-SDT RRM test case for FR2 | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232131 | Correction to NR Inter-RAT test case 6.2.3.4 | Anritsu EMEA Ltd | agreed |  |  |
| R5-232132 | Removal of technical content in TS 36.508 v17.5.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232133 | Removal of technical content in TS 36.521-1 v17.6.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232134 | Removal of technical content in TS 36.521-2 v17.2.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232135 | Removal of technical content in TS 36.523-1 v17.5.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232136 | Removal of technical content in TS 36.523-2 v17.5.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232137 | Removal of technical content in TS 36.579-1 v15.9.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232138 | Removal of technical content in TS 36.579-2 v15.7.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232139 | Removal of technical content in TS 36.579-4 v15.5.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232140 | Removal of technical content in TS 36.579-6 v15.6.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232141 | Removal of technical content in TR 36.903 v16.1.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232142 | Removal of technical content in TR 36.903 v17.0.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232143 | Removal of technical content in TR 36.904 v14.0.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232144 | Removal of technical content in TR 36.904 v15.0.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232145 | Removal of technical content in TR 36.904 v16.0.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232146 | Removal of technical content in TR 36.904 v17.0.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232147 | Removal of technical content in TR 36.905 v17.0.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232148 | Removal of technical content in TS 37.571-1 v16.16.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232149 | Removal of technical content in TS 37.571-2 v16.15.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232150 | Removal of technical content in TS 37.571-5 v16.10.0 and substitution with pointer to the next Release | ETSI Secretariat | agreed |  |  |
| R5-232151 | Remove test case 7.6 | Ericsson | revised |  | R5-233371 |
| R5-232152 | Update test case 7.13 | Ericsson | agreed |  |  |
| R5-232153 | Update test case 7.16 | Ericsson | agreed |  |  |
| R5-232154 | Update test case 7.22 | Ericsson | agreed |  |  |
| R5-232155 | Correction to FR2 Power level tables for NR RRC test cases | Anritsu EMEA Ltd | agreed |  |  |
| R5-232156 | WP UE Conformance - Power\_Limit\_CA\_DC-UEConTest | Qualcomm India Pvt Ltd | noted |  |  |
| R5-232157 | SR UE Conformance - Increasing UE power high limit for CA and DC | Qualcomm India Pvt Ltd | noted |  |  |
| R5-232158 | On FR2 PC5 MU analysis | Keysight Technologies UK Ltd | noted |  |  |
| R5-232159 | PC5 - MOP test cases update in 38.521-2 | Keysight Technologies UK Ltd | revised |  | R5-233631 |
| R5-232160 | PC5 MU - definition for MOP test cases in 38.903 | Keysight Technologies UK Ltd | revised |  | R5-233632 |
| R5-232161 | FR2 MUs - General Update in 38.903 section B.2.2 | Keysight Technologies UK Ltd | revised |  | R5-233639 |
| R5-232162 | On FR2 PC1 Priority 1 test cases pending for FR2b | Keysight Technologies UK Ltd | noted |  |  |
| R5-232163 | PC1 MU - definition for SEM test case in 38.903 | Keysight Technologies UK Ltd | withdrawn |  |  |
| R5-232164 | PC1 MU - definition for ACS Case 1 and IBB test cases in 38.903 | Keysight Technologies UK Ltd | agreed |  |  |
| R5-232165 | PC1 - SEM test case update in 38.521-2 | Keysight Technologies UK Ltd | withdrawn |  |  |
| R5-232166 | PC1 - ACS Case 1 and IBB test cases update in 38.521-2 | Keysight Technologies UK Ltd | revised |  | R5-233636 |
| R5-232167 | FR2 MUs - Editor notes updates in 38.521-3 | Keysight Technologies UK Ltd | revised |  | R5-233638 |
| R5-232168 | On the network analyzer uncertainty for PC3 in FR2 | Keysight Technologies UK Ltd | noted |  |  |
| R5-232169 | FR2 PC3 - Network Analyzer MU update in 38.903 | Keysight Technologies UK Ltd | revised |  | R5-233640 |
| R5-232170 | FR2 PC3 - Network Analyzer MU and TT update in 38.521-2 | Keysight Technologies UK Ltd | agreed |  |  |
| R5-232171 | Core spec alignment for RedCap TCs 16.6.1.8 and 16.6.1.12 | Rohde & Schwarz | agreed |  |  |
| R5-232172 | Correction to Test frequencies reference for RedCap TCs in chapter 16 | Rohde & Schwarz | agreed |  |  |
| R5-232173 | Core spec alignment for SMTC value for RedCap TC 16.1.1.1 | Rohde & Schwarz | revised |  | R5-233610 |
| R5-232174 | Core spec alignment for SMTC value for TC 6.1.1.1 | Rohde & Schwarz | agreed |  |  |
| R5-232175 | Correction to Test frequencies reference for active BWP switch TCs: 4.5.6.1.1, 4.5.6.1.2, 4.5.6.2.1 | Rohde & Schwarz | agreed |  |  |
| R5-232176 | Clarification to test procedure for EN-DC active BWP switch TCs: 4.5.6.1.1, 4.5.6.1.2, 4.5.6.2.1 | Rohde & Schwarz | revised |  | R5-233624 |
| R5-232177 | Clarification to test procedure for SA active BWP switch TCs: 6.5.6.1.1, 6.5.6.1.2, 6.5.6.2.1 | Rohde & Schwarz | revised |  | R5-233629 |
| R5-232178 | Correction to NR IMS test case 10.14 | Anritsu EMEA Ltd, MediaTek | revised |  | R5-233446 |
| R5-232179 | Update to MAC test case for 4 step RACH with Slice specific RACH configuration | Lenovo | agreed |  |  |
| R5-232180 | Update to MAC test case for 4 step RACH with Slice specific RACH configuration with ra-PrioritizationForSlicing | Lenovo | agreed |  |  |
| R5-232181 | Update to MAC test case for 2 step RACH with Slice specific RACH configuration | Lenovo | agreed |  |  |
| R5-232182 | Update to MAC test case for 2 step RACH with Slice specific RACH configuration with ra-PrioritizationForSlicing | Lenovo | agreed |  |  |
| R5-232183 | Update to MAC test case for RA Based SDT / 2-step RACH | Lenovo | revised |  | R5-233415 |
| R5-232184 | Update to MAC test case for RA Based SDT / 4-step RACH | Lenovo | revised |  | R5-233416 |
| R5-232185 | Addition of new MAC test case for Logging and reporting of on-Demand SI | Lenovo | withdrawn |  | - |
| R5-232186 | Addition of new MAC test case for Logging and reporting of 2-step RACH report | Lenovo | withdrawn |  | - |
| R5-232187 | Addition of new MAC test case for Logging and reporting fallback to 4-step RA | Lenovo | withdrawn |  | - |
| R5-232188 | Addition of applicability of new MAC test cases Enhancement of data collection for SON/MDT in NR standalone | Lenovo | withdrawn |  | - |
| R5-232189 | Addition of new PICS for Enhancement of data collection for SON/MDT in NR standalone | Lenovo | agreed |  | - |
| R5-232190 | MCC TF160 Status Report | MCC TF160 | revised |  | R5-233302 |
| R5-232191 | RedCap: Test Model updates | MCC TF160 | agreed |  |  |
| R5-232192 | NR UDC: Addition of Test Model | MCC TF160 | agreed |  |  |
| R5-232193 | NTN-IoT: NB-IoT Test Model updates | MCC TF160 | revised |  | R5-233454 |
| R5-232194 | 5G V2X: Test Model updates | MCC TF160 | agreed |  |  |
| R5-232195 | Correction of test case 5.9 | MCC TF160 | agreed |  |  |
| R5-232196 | Correction of test case 6.4.2 | MCC TF160 | agreed |  |  |
| R5-232197 | Corrections to EN-DC test case 8.2.6.3.1 | MCC TF160 | agreed |  |  |
| R5-232198 | Corrections to EN-DC test case 8.2.6.3.2 | MCC TF160 | revised |  | R5-233455 |
| R5-232199 | Multi-SIM: Addition of NR MUSIM Test Model | MCC TF160 | agreed |  |  |
| R5-232200 | Corrections to NR MAC test cases 7.1.1.12.4.x | MCC TF160 | agreed |  |  |
| R5-232201 | Update to NR PDCP test case 7.1.3.5.2 | MCC TF160 | withdrawn |  |  |
| R5-232202 | Updates for NR RRC test case 8.1.5.1.1 | MCC TF160 | agreed |  |  |
| R5-232203 | Updates for EN-DC RRC test case 8.2.1.1.1 | MCC TF160 | agreed |  |  |
| R5-232204 | Updates for NE-DC RRC test case 8.2.1.1.2 | MCC TF160 | agreed |  |  |
| R5-232205 | Routine maintenance for TS 38.523-3 | MCC TF160 | agreed |  |  |
| R5-232206 | Routine maintenance for TS 36.523-3 | MCC TF160, Anritsu EMEA Ltd. | agreed |  |  |
| R5-232207 | Correction of test case 15.25 | MCC TF160 | agreed |  |  |
| R5-232208 | Correction of test case 17.2 | MCC TF160 | agreed |  |  |
| R5-232209 | Routine maintenance for TS 34.229-3 | MCC TF160 | agreed |  |  |
| R5-232210 | Correction of test case 7.21 | MCC TF160 | agreed |  |  |
| R5-232211 | Correction of test case 7.26 | MCC TF160, Qualcomm Incorporated | agreed |  |  |
| R5-232212 | Correction of test cases 7.24a and 7.24b | MCC TF160, Qualcomm Incorporated | agreed |  |  |
| R5-232213 | Correction of test cases 8.34, 8.35 and 8.36 | MCC TF160, Qualcomm Incorporated, Ericsson | revised |  | R5-233372 |
| R5-232214 | Correction of clause 5.5.11.3.5 | MCC TF160 | agreed |  |  |
| R5-232215 | Correction of clause 5.5.4.10.1 | MCC TF160, UPV/EHU, Nemergent Solutions | agreed |  |  |
| R5-232216 | Correction of clause 5.5.6.11 | MCC TF160 | agreed |  |  |
| R5-232217 | Correction of clause 5.5.8.12 | MCC TF160 | withdrawn |  |  |
| R5-232218 | Correction of clause 5.5.8.3 | MCC TF160 | agreed |  |  |
| R5-232219 | Correction of clause 2 | MCC TF160 | agreed |  |  |
| R5-232220 | Correction of test case 6.1.1.16 | MCC TF160 | agreed |  |  |
| R5-232221 | Routine maintenance for TS 36.579-5 | MCC TF160 | agreed |  |  |
| R5-232222 | Correction of clause 2 | MCC TF160 | agreed |  |  |
| R5-232223 | Correction of test case 6.3.2 | MCC TF160 | agreed |  |  |
| R5-232224 | WP UE Conformance - User Plane Integrity Protection support for EPC connected architectures (incl. CT/SA aspects) | Vodafone GmbH | noted |  |  |
| R5-232225 | SR UE Conformance – User Plane Integrity Protection support for EPC connected architectures (incl. CT/SA aspects) | Vodafone GmbH | noted |  |  |
| R5-232226 | Update PC2 MSD minimum requirements and test requirements for DC\_2A\_n77A, DC\_13A\_n77A, and DC\_66A\_n77A | Verizon Switzerland AG | revised |  | R5-233703 |
| R5-232227 | Completion of EN-DC FR1 direct SCell activation test case | Nokia, Nokia Shanghai Bell | revised |  | R5-233747 |
| R5-232228 | Completion of SA FR1 direct SCell activation test case | Nokia, Nokia Shanghai Bell | revised |  | R5-233748 |
| R5-232229 | Completion of SA FR2 direct SCell activation at handover test case | Nokia, Nokia Shanghai Bell, Anritsu | revised |  | R5-233604 |
| R5-232230 | Completition SA FR1 direct SCell activation at handover test case | Nokia, Nokia Shanghai Bell | revised |  | R5-233749 |
| R5-232231 | Completion of SA FR2 direct SCell activation test case | Nokia, Nokia Shanghai Bell | revised |  | R5-233605 |
| R5-232232 | Completion of ENDC FR2 direct SCell activation test case | Nokia, Nokia Shanghai Bell | revised |  | R5-233606 |
| R5-232233 | Update to PRS based UE Rx-Tx measurement FR1 SA test case | Nokia, Nokia Shanghai Bell | revised |  | R5-233660 |
| R5-232234 | Update to PRS based UE Rx-Tx measurement FR2 SA test case | Nokia, Nokia Shanghai Bell | revised |  | R5-233661 |
| R5-232235 | Update to TRS based UE Rx-Tx measurement FR1 SA test case | Nokia, Nokia Shanghai Bell | revised |  | R5-233662 |
| R5-232236 | Addition of applicability for 5GS HST FR2 test case | Nokia, Nokia Shanghai Bell | revised |  | R5-233506 |
| R5-232237 | Addition and updation of tables for HST FR2 scenario | Nokia, Nokia Shanghai Bell | revised |  | R5-233674 |
| R5-232238 | Addition and support of power class 6 UEs for HST FR2 | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232239 | Update inter-band NR CA 3DL configurations of CA\_n2A-n5A-n77A, CA\_n2A-n66A-n77A, and CA\_n5A-n66A-n77A | Verizon | agreed |  |  |
| R5-232240 | Update inter-band NR CA PC2 configurations of CA\_n2A-n77A, CA\_n5A-n77A, and CA\_n66A-n77A | Verizon Switzerland AG | revised |  | R5-233508 |
| R5-232241 | Update general spurious emissions for CA\_n2A-n77A, CA\_n5A-n77A, and CA\_n66A-n77A | Verizon | agreed |  |  |
| R5-232242 | Update minimum requirement table for reference sensitivity exceptions and uplink/downlink configurations due to harmonic mixing from a PC3 aggressor | Verizon, Qualcomm, Ericsson | revised |  | R5-233705 |
| R5-232243 | Update inter-band NR CA PC3 reference sensitivity test configuration and test requirement tables | Verizon Switzerland AG, Qualcomm, Ericsson | agreed |  |  |
| R5-232244 | Update inter-band NR CA PC2 MOP configurations for 2UL CA\_n2A-n77A, CA\_n5A-n77A, and CA\_n66A-n77A | Verizon | revised |  | R5-233538 |
| R5-232245 | Update inter-band NR CA PC2 reference sensitivity minimum requirements for a few 2DL band configurations | Verizon Switzerland AG, Qualcomm, Ericsson | revised |  | R5-233711 |
| R5-232246 | Update PC2 information for 2DL test configuration exception table and test requirement table for a few NR CA 2DL 2UL combos | Verizon, Qualcomm, Ericsson | revised |  | R5-233712 |
| R5-232247 | Update inter-band NR CA reference sensitivity exception cases due to UL PC2 | Verizon Switzerland AG, Qualcomm, Ericsson | revised |  | R5-233713 |
| R5-232248 | PRD21 CDS: CA\_n2A-n77A PC2 | Verizon Switzerland AG | noted |  |  |
| R5-232249 | PRD21 CDS: CA\_n5A-n77A PC2 | Verizon Switzerland AG | noted |  |  |
| R5-232250 | PRD21 CDS: CA\_n66A-n77A PC2 | Verizon Switzerland AG | noted |  |  |
| R5-232251 | WP Rel-15 NR TX and RX Test Cases – Part 3: Range 1 and Range 2 Interworking operation with other radios (TS 38.521-3) | Qualcomm India Pvt Ltd | noted |  |  |
| R5-232252 | Addition of Enhancement of RAN slicing for NR test case 6.1.2.25 | CATT, TDIA | revised |  | R5-233420 |
| R5-232253 | Addition of applicability of test case 6.1.2.25 | CATT, TDIA | revised |  | R5-233472 |
| R5-232254 | LS to RAN4 on A-MPR Network Signaling value (NS\_02N) | MediaTek Beijing Inc. | revised |  | R5-233673 |
| R5-232255 | WP UE Conformance - NR QoE management and optimizations for diverse services | Ericsson | noted |  |  |
| R5-232256 | SR UE Conformance - NR QoE management and optimizations for diverse services | Ericsson | noted |  |  |
| R5-232257 | Introduction of DC\_3A\_n79A PC2 MOP test requirements | NTT DOCOMO INC. | withdrawn |  |  |
| R5-232258 | Update test case 8.1.1.4.7 | Ericsson | revised |  | R5-233482 |
| R5-232259 | Introduction of DC\_19A\_n79A PC2 MOP test requirements | NTT DOCOMO INC. | withdrawn |  |  |
| R5-232260 | Introduction of DC\_21A\_n79A PC2 MOP test requirements | NTT DOCOMO INC. | withdrawn |  |  |
| R5-232261 | New WID on UE Conformance - High-power UE operation for fixed-wireless/vehicle-mounted use cases in LTE bands and NR bands | Nokia, Nokia Shanghai Bell | revised |  | R5-233304 |
| R5-232262 | Introduction of R17 Positioning Enhancements default test conditions in TS 37.571-2 | CATT | revised |  | R5-233395 |
| R5-232263 | Addition of new positioning test case for pre-configured measurement gap procedures | CATT | revised |  | R5-233396 |
| R5-232264 | Addition of new positioning test case for pre-configured PRS processing window procedures | CATT | revised |  | R5-233397 |
| R5-232265 | Addition of new positioning test case for UE positioning assistance information procedures | CATT | revised |  | R5-233398 |
| R5-232266 | Addition of test applicabilities for Release-17 NR positioning enhancement signaling test cases | CATT | revised |  | R5-233399 |
| R5-232267 | Addition of new test case 7.1.3.6.8 for PDCP UDC | CATT | revised |  | R5-233362 |
| R5-232268 | Addition of new test case 7.1.3.6.9 for PDCP UDC | CATT | revised |  | R5-233363 |
| R5-232269 | Addition of applicability for PDCP UDC test cases | CATT | agreed |  |  |
| R5-232270 | Add applicability for ATSSS TC 10.4.2.2 | China Telecom | agreed |  |  |
| R5-232271 | Addition of test tolerance analysis for test Case of 4.5.3.5 EN-DC FR1 direct SCell activation and test Case of 6.5.3.4 NR SA FR1 direct SCell activation | Nokia, Nokia Shanghai Bell | revised |  | R5-233750 |
| R5-232272 | Grouping of test tolerance analysis for test Case 5.5.3.7 with 5.5.3.1 | Nokia, Nokia Shanghai Bell | revised |  | R5-233653 |
| R5-232273 | Completion of applicability for DC\_CA test cases | Nokia, Nokia Shanghai Bell | revised |  | R5-233686 |
| R5-232274 | Adding applicability UE Rx-Tx time difference measurement for propagation delay compensation using TRS in FR2 | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232275 | Addition of UE Rx-Tx time difference measurement for propagation delay compensation using TRS in FR2 test case | Nokia, Nokia Shanghai Bell | revised |  | R5-233607 |
| R5-232276 | Addition of refsence sensitivity for n28A-n77A | KDDI Corporation | agreed |  |  |
| R5-232277 | Addition of refsence sensitivity for n41A-n77A | KDDI Corporation | withdrawn |  |  |
| R5-232278 | Addition of refsence sensitivity for n3A-n77A | KDDI Corporation | agreed |  |  |
| R5-232279 | Addition of MAC-CE based active TCI state switch test case for HST FR2 | Nokia, Nokia Shanghai Bell | revised |  | R5-233507 |
| R5-232280 | Update NE-DC RRC Radio Bearer test case 8.2.2.7.3 | ZTE Corporation, Ericsson | revised |  | R5-233329 |
| R5-232281 | Update NE-DC Handover test case 8.2.3.13.2 | ZTE Corporation | agreed |  |  |
| R5-232282 | Update NE-DC Measurement Configuration Control and Reporting test case 8.2.3.7.2a | ZTE Corporation | agreed |  |  |
| R5-232283 | Update NE-DC Measurement Configuration Control and Reporting test case 8.2.3.8.2a | ZTE Corporation | agreed |  |  |
| R5-232284 | Update NR 2 step RACH test case 7.1.1.7 | ZTE Corporation | withdrawn |  | - |
| R5-232285 | Update NR 2 step RACH test case 7.1.1.8 | ZTE Corporation | withdrawn |  | - |
| R5-232286 | Addition of new NR 2 step RACH test case 7.1.1.19 | ZTE Corporation | withdrawn |  | - |
| R5-232287 | Addition of new NR 2 step RACH test case 7.1.1.20 | ZTE Corporation | withdrawn |  | - |
| R5-232288 | Add generic procedure for Switch off / Power off procedure in MA PDU session Established on NR and WLAN | ZTE Corporation | revised |  | R5-233429 |
| R5-232289 | Update eNS test case 9.1.13.2 | ZTE Corporation | revised |  | R5-233400 |
| R5-232290 | Update eNS test case 9.3.1.4 | ZTE Corporation | revised |  | R5-233468 |
| R5-232291 | Update eNS test case 10.1.8.4 | ZTE Corporation | revised |  | R5-233401 |
| R5-232292 | Update eNS test case10.1.8.5 | ZTE Corporation | revised |  | R5-233402 |
| R5-232293 | Addition of inter-system mobility test case 11.8.1 | ZTE Corporation | revised |  | R5-233355 |
| R5-232294 | Addition of inter-system mobility test case 11.8.3 | ZTE Corporation | revised |  | R5-233356 |
| R5-232295 | Add applicabilities for new NR 2 step RACH test cases | ZTE Corporation | revised |  | R5-233466 |
| R5-232296 | Add applicabilities for new inter-system mobility test cases | ZTE Corporation | revised |  | R5-233357 |
| R5-232297 | Update 5GMM Emergency Service test case 11.4.13 | ZTE Corporation | withdrawn |  | - |
| R5-232298 | Proposing 2 new test cases for closed WI NR 2-step RACH | ZTE Corporation | revised |  | R5-233318 |
| R5-232299 | New WID on UE Conformance - High power UE (power class 2) for NR FR1 FDD single band | China Unicom | revised |  | R5-233305 |
| R5-232300 | New WID on UE Conformance - Additional NR bands for UL-MIMO in Rel-18 | China Unicom | noted |  |  |
| R5-232301 | SR UE Conformance Test Aspects - Access Traffic Steering, Switch and Splitting support in 5G | China Telecom | noted |  |  |
| R5-232302 | WP UE Conformance Test Aspects - Access Traffic Steering, Switch and Splitting support in 5G | China Telecom | noted |  |  |
| R5-232303 | WP UE Conformance - Multi-SIM devices for LTE/NR | China Telecom | noted |  |  |
| R5-232304 | SR UE Conformance - Multi-SIM devices for LTE/NR | China Telecom | noted |  |  |
| R5-232305 | Correction to FR2 BFD and LR including TT | Anritsu, Huawei, HiSilicon | revised |  | R5-233665 |
| R5-232306 | Replacement of TT analysis for FR2 BFD and BFR | Anritsu, Huawei, HiSilicon | revised |  | R5-233644 |
| R5-232307 | Correction to EN-DC FR2 RLM tests for PSCell configured with CSI-RS-based RLM RS including TT | Anritsu | agreed |  |  |
| R5-232308 | Update of Test Tolerance analyses for EN-DC FR2 RLM tests for PSCell configured with CSI-RS-based RLM RS | Anritsu | agreed |  |  |
| R5-232309 | Add applicability for Inter-system mobility between untrusted Non-3GPP and 3GPP system/Handover from ePDG/EPC to E-UTRAN/EPC | China Telecom | agreed |  |  |
| R5-232310 | WP-UE Conformance-Inter-system mobility between untrusted Non-3GPP and 3GPP system | China Telecom | noted |  |  |
| R5-232311 | Addition of test frequencies for LTE Band 54 | Ligado Networks | revised |  | R5-233694 |
| R5-232312 | Addition of signalling test frequencies for LTE Band 54 | Ligado Networks | agreed |  |  |
| R5-232313 | Introduction of LTE Band 54 to common clauses (section 5) | Ligado Networks | agreed |  |  |
| R5-232314 | Updates to MOP and MPR test cases as part of introduction of LTE Band 54 | Ligado Networks | agreed |  |  |
| R5-232315 | Updates to A-MPR test cases as part of introduction of LTE Band 54 | Ligado Networks | agreed |  |  |
| R5-232316 | Updates to spurious emissions and additional spurious emissions test cases as part of introduction of LTE Band 54 | Ligado Networks | revised |  | R5-233704 |
| R5-232317 | Update test case 8.1.1.4.8 | Ericsson | agreed |  |  |
| R5-232318 | Update test case 8.1.1.4.9 | Ericsson | revised |  | R5-233483 |
| R5-232319 | Update titles for test cases 8.1.1.4.7-9 | Ericsson | revised |  | R5-233484 |
| R5-232320 | Update of MAC implementation capabilities | Ericsson | agreed |  |  |
| R5-232321 | Updates to receiver reference sensitivity test cases as part of introduction of LTE Band 54 | Ligado Networks | agreed |  |  |
| R5-232322 | Updates to receiver blocking test cases as part of introduction of LTE Band 54 | Ligado Networks | agreed |  |  |
| R5-232323 | Updates to test case applicability as part of introduction of LTE Band 54 | Ligado Networks | agreed |  |  |
| R5-232324 | Updates to groups of band as part of introduction of LTE Band 54 | Ligado Networks | agreed |  |  |
| R5-232325 | Updates to test case applicability as part of Introduction of LTE Band 54 | Ligado Networks | agreed |  |  |
| R5-232326 | Updates to guidelines on test execution for LTE Band 54 | Ligado Networks | revised |  | R5-233414 |
| R5-232327 | WP for LTE\_TDD\_1670\_1675MHz-UEConTest | Ligado Networks | noted |  |  |
| R5-232328 | SR for LTE\_TDD\_1670\_1675MHz-UEConTest | Ligado Networks | noted |  |  |
| R5-232329 | Revised WID: UE Conformance - Introduction of LTE TDD band in 1670-1675 MHz | Ligado Networks | agreed |  |  |
| R5-232330 | Correction to FR2 Power level tables for NR Idle mode test cases | Anritsu EMEA Ltd | revised |  | R5-233445 |
| R5-232331 | Correction to NR RRC IRAT HO test case 8.1.4.2.1.2 | Anritsu EMEA Ltd | agreed |  |  |
| R5-232332 | Correction to NR5GC RACS Test case 9.1.9.5 | Anritsu EMEA Ltd | agreed |  |  |
| R5-232333 | Correction to Rel-16 MDT Test Case 8.1.6.2.2 | Anritsu EMEA Ltd | agreed |  |  |
| R5-232334 | Correction to NR IMS test case 7.32 | Anritsu EMEA Ltd | withdrawn |  |  |
| R5-232335 | New WID on UE Conformance - IMS voice service support and network usability guarantee for UE’s E-UTRA capability disabled scenario in 5GS | China Telecom | revised |  | R5-233310 |
| R5-232336 | Update concurrent gap test cases 6.6.18.1 and 6.6.18.2 | MediaTek Beijing Inc. | agreed |  |  |
| R5-232337 | Addition of test frequencies for new 3CC EN-DC comb within FR2 | KDDI Corporation | agreed |  |  |
| R5-232338 | Addition of test frequencies for new EN-DC comb within FR2 | KDDI Corporation | agreed |  |  |
| R5-232339 | Correction to NR5GC testcase 9.1.10.3 | ROHDE & SCHWARZ, Qualcomm | agreed |  |  |
| R5-232340 | Update for CA\_n2A-n48A and CA\_n2A-n77A combos in section 7.3A.0 | Keysight Technologies UK Ltd | revised |  | R5-233533 |
| R5-232341 | Corrections for certain FR1 combos in section 7.3A.1\_1 | Keysight Technologies UK Ltd | agreed |  |  |
| R5-232342 | Derive MU for FR1 bands above 6GHz - AP97.21 | Keysight Technologies UK Ltd | noted |  |  |
| R5-232343 | TT and editor note update in NR-U Tx test cases for FR1 bands above 6GHz | Keysight Technologies UK Ltd | withdrawn |  |  |
| R5-232344 | TT and editor note update in NR-U Rx test cases for FR1 bands above 6GHz | Keysight Technologies UK Ltd | withdrawn |  |  |
| R5-232345 | MU and TT definition for FR1 bands above 6GHz - Annex F update | Keysight Technologies UK Ltd | revised |  | R5-233531 |
| R5-232346 | Definition of NTN maximum input level test case 7.4 | Keysight Technologies UK Ltd | approved |  |  |
| R5-232347 | TP analysis updated for NTN maximum input level test case 7.4 | Keysight Technologies UK Ltd | agreed |  |  |
| R5-232348 | p-Max conditions corrections in 6.5A.3.1.1 | Keysight Technologies UK Ltd, Huawei, HiSilicon | agreed |  |  |
| R5-232349 | Editorial update Tx spurious co-existence for DC\_71A\_n2A | Keysight Technologies UK Ltd | agreed |  |  |
| R5-232350 | RF message exceptions for K1 and number of HARQ processes in CA | Keysight Technologies UK Ltd, Anritsu Limited, Rohde & Schwarz | agreed |  |  |
| R5-232351 | TP analysis update for FR2 2 UL CA Tx tests to support PHR method | Keysight Technologies UK Ltd, Ericsson | revised |  | R5-233518 |
| R5-232352 | FR1 MPR - ACLR - SEM - TP analysis update for almost contiguous RB allocation | Keysight Technologies UK Ltd | revised |  | R5-233521 |
| R5-232353 | Test configuration table update for NS 46 in A-MPR test | Keysight Technologies UK Ltd | agreed |  |  |
| R5-232354 | NS\_27 - corrections for 30MHz RBStart for condition A1 | Keysight Technologies UK Ltd | revised |  | R5-233541 |
| R5-232355 | K1 and number of HARQ processes for CA exceptions updates | Keysight Technologies UK Ltd, Anritsu Limited, Rohde & Schwarz | agreed |  |  |
| R5-232356 | FR2 OBW CA - Test requirements misaligned with minimum requirements | Keysight Technologies UK Ltd | agreed |  |  |
| R5-232357 | 1RB allocation increased to accommodate PHR in 2UL CA tests | Keysight Technologies UK Ltd, Ericsson | agreed |  |  |
| R5-232358 | NSA beam correspondence test applicability inconsistent with SA test | Keysight Technologies UK Ltd | revised |  | R5-233724 |
| R5-232359 | Correction of test frequency parameters for n79 | Keysight Technologies UK Ltd, Huawei,Hisilicon | revised |  | R5-233699 |
| R5-232360 | Updating sf20 value in SystemInformationBlockType24 | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-232361 | Correction to NR5GC testcase 11.3.5 | ROHDE & SCHWARZ, Qualcomm | agreed |  |  |
| R5-232362 | Addition of UE capability for new 2CC and 3CC EN-DC comb within FR2 | KDDI Corporation | agreed |  |  |
| R5-232363 | Addition of UE capability for new EN-DC comb within FR2 | KDDI Corporation | agreed |  |  |
| R5-232364 | Correction to spurious emissions TP analysis for 21A\_n28A | DOCOMO Communications Lab. | revised |  | R5-233512 |
| R5-232365 | Correction to spurious emissions test cases for 21A\_n28A | DOCOMO Communications Lab. | agreed |  |  |
| R5-232366 | Correction to NR testcase 7.1.1.6.2 | ROHDE & SCHWARZ | agreed |  |  |
| R5-232367 | Introduction of new test case 7.6A.2 In-band blocking for category M1 | CAICT | approved |  |  |
| R5-232368 | Introduction of new test case 7.6B.2 In-band blocking for category NB1 and NB2 | CAICT | approved |  |  |
| R5-232369 | Introduction of new test case 7.9A Spurious emissions for category M1 | CAICT | approved |  |  |
| R5-232370 | Correction of title of TS 36.521-1 in clause 2 References | CAICT | approved |  |  |
| R5-232371 | Introduction of new test case 7.5 Adjacent channel selectivity | CAICT | revised |  | R5-233567 |
| R5-232372 | Correction of referenced Annexes for test case 7.9 Spurious emissions | CAICT | approved |  |  |
| R5-232373 | Introduction of new Annexes | CAICT | revised |  | R5-233568 |
| R5-232374 | Discussion on spurious emission for UE co-existence requirement | CAICT | noted |  |  |
| R5-232375 | Correction of Spurious emissions for UE co-existence requirement of LTE | CAICT | withdrawn |  |  |
| R5-232376 | Correction of Spurious emissions for UE co-existence requirement in 6.5D.3\_1.2 | CAICT | withdrawn |  |  |
| R5-232377 | Correction of Spurious emissions for UE co-existence requirement of NR FR1 | CAICT | withdrawn |  |  |
| R5-232378 | Correction of Spurious emissions for UE co-existence requirement in 6.5G.3.2 | CAICT | withdrawn |  |  |
| R5-232379 | Correction of Spurious emissions for UE co-existence requirement in 6.5E.3.2 | CAICT | withdrawn |  |  |
| R5-232380 | Correction of Spurious emissions for UE co-existence requirement of ENDC | CAICT | withdrawn |  |  |
| R5-232381 | Correction to NR testcase 7.1.3.5.3 | ROHDE & SCHWARZ, Anritsu Ltd, Qualcomm, Keysight | revised |  | R5-233449 |
| R5-232382 | Introduction of new test case 7.9B Spurious emissions for category NB1 and NB2 | CAICT | approved |  |  |
| R5-232383 | Correction of the DC\_28A\_n78A PC2 MOP test requirements | ETSI MCC (NTT DOCOMO INC.) | agreed |  |  |
| R5-232384 | Correction of Table F.1.1.3 additional 4Tx uncertainty | Ericsson | agreed |  |  |
| R5-232385 | Correction to RLC UM test case 7.1.2.2.5 | MCC TF160 | agreed |  |  |
| R5-232386 | Correction to Emergency Services test case 11.4.1 | Keysight Technologies UK, Qualcomm | revised |  | R5-233473 |
| R5-232387 | Add generic procedure for default MT video call | Ericsson | agreed |  |  |
| R5-232388 | Remove test case 7.4 | Ericsson | revised |  | R5-233374 |
| R5-232389 | Remove test case 7.6 | Ericsson | revised |  | R5-233375 |
| R5-232390 | Update applicabilities for NG.114 default test cases | Ericsson | revised |  | R5-233485 |
| R5-232391 | Correction to NR testcase 7.1.1.12.3 | ROHDE & SCHWARZ | revised |  | R5-233447 |
| R5-232392 | CR for 36.521-1 on p-Max corrections for Power Class 1 Band 14 | AT&T, Apple Inc | agreed |  |  |
| R5-232393 | Correction to FR2 Power level tables for NR MDT test cases | Anritsu EMEA Ltd | agreed |  |  |
| R5-232394 | Rel-15 5GS WP TR 38.903 - NR Derivation of test tolerances for RRM and UE radio reception conformance tests | AT&T | reserved |  |  |
| R5-232395 | Editorial updates to Table 6.1.2.7.3.2-1 from Cell reselection/Equivalent PLMN test cases | Qualcomm Technologies Ireland | withdrawn |  |  |
| R5-232396 | Corrections to Clause 6.2.3.7 Test frequencies for NR sidelink configurations for signalling testing | Qualcomm Technologies Ireland | withdrawn |  |  |
| R5-232397 | Correction to NR MAC test case 7.1.1.12.3 | Keysight Technologies UK, Qualcomm | agreed |  |  |
| R5-232398 | Work plan: UE Conformance Test Aspects for NR Positioning Support | CATT | noted |  |  |
| R5-232399 | SR UE Conformance Test Aspects - NR Positioning Support | CATT | noted |  |  |
| R5-232400 | Work plan: UE Conformance Test Aspects - NR Positioning Enhancement | CATT | noted |  |  |
| R5-232401 | SR UE Conformance Test Aspects - NR Positioning Enhancement | CATT | noted |  |  |
| R5-232402 | Work plan: UE Conformance Test Aspects – NR Uplink Data Compression (UDC) | CATT | noted |  |  |
| R5-232403 | SR UE Conformance Test Aspects - NR Uplink Data Compression (UDC) | CATT | noted |  |  |
| R5-232404 | Work plan: UE Conformance - NR sidelink enhancement | CATT | revised |  | R5-233764 |
| R5-232405 | SR UE Conformance - NR sidelink enhancement | CATT | noted |  |  |
| R5-232406 | Work plan: UE Conformance - NR Sidelink Relay | CATT | revised |  | R5-233765 |
| R5-232407 | SR UE Conformance - NR Sidelink Relay | CATT | noted |  |  |
| R5-232408 | General updates of clause 5 for R16 CADC configurations | CU Digital Technology, Ericsson, CMCC, Rohde&Schwarz | revised |  | R5-233535 |
| R5-232409 | General updates of clause 5 for R17 CADC configurations | CU Digital Technology, Qualcomm | withdrawn |  | - |
| R5-232410 | General updates of clause 5 for R17 new CBW configurations | CU Digital Technology, Nokia | agreed |  |  |
| R5-232411 | Addition of 7.3A.1 for CA\_n1A-n8A and CA\_n3A-n8A | CU Digital Technology | agreed |  |  |
| R5-232412 | Update of spurious emission TP analysis for CA\_n1A-n3A | China Unicom | withdrawn |  |  |
| R5-232413 | Addition of general spurious emissions for CA\_n1A-n3A | China Unicom | agreed |  |  |
| R5-232414 | Addition of Spurious emissions for UE co-existence for CA\_n1A-n3A | China Unicom | agreed |  |  |
| R5-232415 | New WID on UE Conformance - Rel-18 High Power UE for NR CA and DC; and NR and LTE DC Configurations | China Telecom | revised |  | R5-233309 |
| R5-232416 | Addition of PICS for Rel-17 eNPN | China Telecom | revised |  | R5-233471 |
| R5-232417 | Addition of Rel-17 eNPN TC 6.5.3.1 | China Telecom | not pursued |  |  |
| R5-232418 | Addition of Rel-17 eNPN TC 6.5.3.2 | China Telecom | not pursued |  |  |
| R5-232419 | Addition of Rel-17 eNPN TC 6.5.3.3 | China Telecom | not pursued |  |  |
| R5-232420 | Addition of applicability for NPN test cases | China Telecom | not pursued |  |  |
| R5-232421 | Revised WID on UE Conformance – R17 Enhancement of Private Network Support for NG-RAN including CT aspects | China Telecom | agreed | RP-221300 |  |
| R5-232422 | WP UE Conformance – Rel-17 Enhancement of Private Network Support for NG-RAN including CT aspects RAN5#99 | China Telecom | noted |  |  |
| R5-232423 | SR UE Conformance – Rel-17 Enhancement of Private Network Support for NG-RAN including CT aspects RAN5#99 | China Telecom | noted |  |  |
| R5-232424 | Addition of spurious emission TP analysis for CA\_n1A-n3A | China Unicom | agreed |  |  |
| R5-232425 | Corrections to NAS TC 9.1.2.1 | Qualcomm Korea, Keysight Technologies, Rhode and Schwarz | agreed |  |  |
| R5-232426 | Correction to table E.4-1 for Pre-MG TCs | MediaTek Inc. | agreed |  |  |
| R5-232427 | TT analysis for TC 16.2.1 | Rohde & Schwarz | agreed |  |  |
| R5-232428 | TT analysis for TC 16.2.2 | Rohde & Schwarz | agreed |  |  |
| R5-232429 | TT analysis for TC 16.3.1 | Rohde & Schwarz | agreed |  |  |
| R5-232430 | Completion 16.2.1 with TT analysis results | Rohde & Schwarz | revised |  | R5-233651 |
| R5-232431 | Completion 16.2.2 with TT analysis results | Rohde & Schwarz | revised |  | R5-233652 |
| R5-232432 | Completion 16.3.1 with TT analysis results | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-232433 | Corrections to A-GNSS minimum performance test scenarios | Rohde & Schwarz | revised |  | R5-233680 |
| R5-232434 | Corrections to A-GNSS minimum performance test scenarios chapter 13 | Rohde & Schwarz | revised |  | R5-233681 |
| R5-232435 | Corrections to A-Galileo relative signal power | Rohde & Schwarz | withdrawn |  |  |
| R5-232436 | Addition A-GNSS minimum performance test scenarios for RNSS | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-232437 | Corrections to A-GPS + A-GLO test scenario | Rohde & Schwarz | agreed |  |  |
| R5-232438 | Annex C updated for PRS-RSRP TT results | Rohde & Schwarz | agreed |  |  |
| R5-232439 | Test applicability for PRS-RSRP test cases | Rohde & Schwarz | agreed |  |  |
| R5-232440 | Correction NZP-CSI-RS-ResourceSet for FR1 | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-232441 | Introduction of test channel bandwidths for new NR band n13 | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232442 | Introduction of test frequencies for new NR band n13 | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232443 | Introduction of test frequencies for signalling testing for new NR band n13 | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232444 | Adding UE maximum output power for new NR band n13 | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232445 | Adding UE maximum output power reduction for new NR band n13 | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232446 | Discussion on sending/receiving test mode commands/acknowledgement in RRC INACTIVE state | Nokia, Nokia Shanghai Bell | noted |  |  |
| R5-232447 | Addition of new CADC MOP TC | Intertek, CMCC | revised |  | R5-233563 |
| R5-232448 | Addition of new CADC TC 6.3B.3.4\_1.1 | Intertek, CMCC | revised |  | R5-233564 |
| R5-232449 | Correct of condition for intra-band contiguous DL CA and UL CA | Sporton | agreed |  |  |
| R5-232450 | Update of RRM Test Case 5.5.3.1 EN-DC FR2 SCell activation and deactivation intra-band in non-DRX including Test Tolerance | Sporton | withdrawn |  | - |
| R5-232451 | Correction of test procedure on TC 6.3.2.1 | NTT DOCOMO, INC., MCC TF160 | revised |  | R5-233456 |
| R5-232452 | Correction of test procedure on TC 6.3.2.2 | NTT DOCOMO, INC., MCC TF160 | revised |  | R5-233457 |
| R5-232453 | Correction of test procedure on TC 6.3.2.3 | NTT DOCOMO, INC., MCC TF160 | revised |  | R5-233458 |
| R5-232454 | Correction of test procedure on TC 6.3.2.4 | NTT DOCOMO, INC., MCC TF160 | revised |  | R5-233459 |
| R5-232455 | Correction of test procedure on TC 6.3.2.5 | NTT DOCOMO, INC., MCC TF160 | revised |  | R5-233460 |
| R5-232456 | Correction of test procedure on TC 6.3.2.6 | NTT DOCOMO, INC., MCC TF160 | revised |  | R5-233461 |
| R5-232457 | Correction to RedCap Demod TC 5.2.2.2.18 PDSCH 2Rx TDD | Huawei, HiSilicon | withdrawn |  |  |
| R5-232458 | Correction to applicability of RedCap RRM TCs | Huawei, HiSilicon | agreed |  |  |
| R5-232459 | Correction to RedCap RRM TC 16.3.1.x NCDSSB HO | Huawei, HiSilicon, Starpoint | revised |  | R5-233771 |
| R5-232460 | Correction to RedCap RRM TC 16.5.2.x SSB BFR | Huawei, HiSilicon, Starpoint | agreed |  |  |
| R5-232461 | Correction to RedCap RRM TC 16.6.1.x CDSSB intraFreq | Huawei, HiSilicon, Starpoint | agreed |  |  |
| R5-232462 | Correction to RedCap RRM TC 16.6.1.x NCDSSB intraFreq | Huawei, HiSilicon, Starpoint | agreed |  |  |
| R5-232463 | Correction to RedCap RRM TC 17.5.1.2 SSB InSync noDRX | Huawei, HiSilicon | agreed |  |  |
| R5-232464 | Correction to RedCap RRM TC 17.5.2.3 CSIRS BFR noDRX with TT | Huawei, HiSilicon | revised |  | R5-233654 |
| R5-232465 | Correction to RedCap RRM TC 17.5.2.4 CSIRS BFR DRX with TT | Huawei, HiSilicon | revised |  | R5-233655 |
| R5-232466 | Correction to RedCap RRM TC 17.5.2.5 BFR restriction with TT | Huawei, HiSilicon | revised |  | R5-233656 |
| R5-232467 | Correction to RedCap RRM TC 17.6.1.1 intraFreq noDRX | Huawei, HiSilicon | agreed |  |  |
| R5-232468 | Addition of RedCap RRM TC 17.6.1.2 intraFreq DRX with TT | Huawei, HiSilicon | revised |  | R5-233657 |
| R5-232469 | Correction to RedCap RRM TC 17.6.1.3 gap intraFreq noDRX with TT | Huawei, HiSilicon | agreed |  |  |
| R5-232470 | Correction to RedCap RRM TC 17.6.1.4 gap intraFreq DRX with TT | Huawei, HiSilicon | agreed |  |  |
| R5-232471 | Correction to RedCap RRM TC 17.6.3.1 SSB L1RSRP noDRX with TT | Huawei, HiSilicon | revised |  | R5-233647 |
| R5-232472 | Correction to RedCap RRM TC 17.6.3.2 SSB L1RSRP DRX with TT | Huawei, HiSilicon | agreed |  |  |
| R5-232473 | Correction to RedCap RRM TC 17.6.3.3 CSIRS L1RSRP noDRX with TT | Huawei, HiSilicon | agreed |  |  |
| R5-232474 | Correction to RedCap RRM TC 17.6.3.4 CSIRS L1RSRP DRX with TT | Huawei, HiSilicon | agreed |  |  |
| R5-232475 | Correction to RedCap RRM TC 18.2.2.1 L2N Redirection | Huawei, HiSilicon | agreed |  |  |
| R5-232476 | Correction to RedCap RRM TC 18.3.1.5 interRAT noDRX with TT | Huawei, HiSilicon | revised |  | R5-233752 |
| R5-232477 | Correction to RedCap RRM TC 18.3.1.6 interRAT DRX with TT | Huawei, HiSilicon | revised |  | R5-233753 |
| R5-232478 | Correction to RedCap RRM TC 18.3.1.7 interRAT noDRX SBI with TT | Huawei, HiSilicon | revised |  | R5-233754 |
| R5-232479 | Correction to RedCap RRM TC 18.3.1.8 interRAT DRX SBI with TT | Huawei, Hisilicon | revised |  | R5-233755 |
| R5-232480 | Correction to Annex A for RedCap RRM TCs | Huawei, HiSilicon | agreed |  |  |
| R5-232481 | Correction to Annex E for RedCap RRM TCs | Huawei, HiSilicon | revised |  | R5-233611 |
| R5-232482 | Correction to Annex F for RedCap RRM TCs | Huawei, HiSilicon | agreed |  |  |
| R5-232483 | TT analysis for RedCap RRM TC 17.6.1.2 and 17.6.1.4 intraFreq one AoA | Huawei, HiSilicon | agreed |  |  |
| R5-232484 | TT analysis for RedCap RRM TC 17.6.1.3 intraFreq two AoAs | Huawei, HiSilicon | agreed |  |  |
| R5-232485 | TT analysis for RedCap RRM TC 17.6.3.1 and 17.6.3.2 SSB L1RSRP | Huawei, HiSilicon | agreed |  |  |
| R5-232486 | TT analysis for RedCap RRM TC 17.6.3.3 and 17.6.3.4 CSIRS L1RSRP | Huawei, HiSilicon | agreed |  |  |
| R5-232487 | TT analysis for RedCap RRM TC 18.3.1.5 interRAT nonPeak | Huawei, HiSilicon | agreed |  |  |
| R5-232488 | TT analysis for RedCap RRM TC 18.3.1.x interRAT peak | Huawei, HiSilicon | agreed |  |  |
| R5-232489 | Correction to RRM enh TC 6.5.8.1 CBW change | Huawei, HiSilicon | agreed |  |  |
| R5-232490 | Correction to Annex A for RRM enh TCs | Huawei, HiSilicon | revised |  | R5-233773 |
| R5-232491 | Correction to EN DC RRM TC 4.6.2.x FR1 interFreq | Huawei, HiSilicon, Starpoint | agreed |  |  |
| R5-232492 | Correction to NR SA RRM TC 6.6.2.x FR1 interFreq | Huawei, HiSilicon, Starpoint | agreed |  |  |
| R5-232493 | Correction to NR SA RRM TC 8.4.2.x FR2 interRAT | Huawei, HiSilicon | revised |  | R5-233756 |
| R5-232494 | Correction to Annex H for NR RRM TCs | Huawei, HiSilicon, Starpoint | agreed |  |  |
| R5-232495 | Correction to RRC IEs for NR sidelink test | Huawei, Hisilicon | withdrawn |  |  |
| R5-232496 | Discussion on frequencyInfo for NR SL RSRP measurements | Huawei, Hisilicon | noted |  | - |
| R5-232497 | Correction to default configuration of RRC IEs for NR cov enh test | Huawei, HiSilicon | agreed |  |  |
| R5-232498 | Addition of PICS for NR cov enh SIG TCs | Huawei, HiSilicon | agreed |  |  |
| R5-232499 | Addition of NR cov enh SIG TC 7.1.1.2.6 dynamic PUCCH repetition | Huawei, HiSilicon | agreed |  |  |
| R5-232500 | Addition of NR cov enh SIG TC 7.1.1.3.14.1 DG PUSCH repetition 32 | Huawei, HiSilicon | agreed |  |  |
| R5-232501 | Addition of NR cov enh SIG TC 7.1.1.3.14.2 CG PUSCH repetition 32 | Huawei, HiSilicon | agreed |  |  |
| R5-232502 | Addition of NR cov enh SIG TC 7.1.1.3.14.3 DG PUSCH availableSlotCouting | Huawei, HiSilicon | agreed |  |  |
| R5-232503 | Addition of NR cov enh SIG TC 7.1.1.3.14.4 CG PUSCH availableSlotCouting | Huawei, HiSilicon | agreed |  |  |
| R5-232504 | Addition of NR cov enh SIG TC 7.1.1.3.15.1 TBoMS | Huawei, HiSilicon | agreed |  |  |
| R5-232505 | Addition of NR cov enh SIG TC 7.1.1.3.15.2 TBoMS repetition | Huawei, HiSilicon | agreed |  |  |
| R5-232506 | Addition of NR cov enh SIG TC 7.1.1.4.2.7 TBoMS TBS selection | Huawei, HiSilicon | agreed |  |  |
| R5-232507 | Correction to NR SA SIG TC 8.1.5.8.1 UE capability transfer | Huawei, HiSilicon | withdrawn |  | - |
| R5-232508 | Addition of applicability for NR cov enh SIG TCs | Huawei, Hisilicon | revised |  | R5-233394 |
| R5-232509 | Correction to NR SA SIG TC 6.1.2.2 Squal based | Huawei, HiSilicon | revised |  | R5-233322 |
| R5-232510 | Correction to NR SA SIG TC 8.1.3.1.18.x additional reporting | Huawei, HiSilicon | agreed |  |  |
| R5-232511 | WP of Rel-16 NR V2X WI after RAN5 99 | Huawei, Hisilicon | noted |  |  |
| R5-232512 | SR of Rel-16 NR V2X WI after RAN5 99 | Huawei, Hisilicon | noted |  |  |
| R5-232513 | Considerations of NTN UE frequency pre-compensation testing | Google Inc. | noted |  |  |
| R5-232514 | Update the Initial Conditions of four 6.2B.x TCs | SGS Wireless | agreed |  |  |
| R5-232515 | HST FR2 6.2D.1.2 UE maximum output power - Spherical coverage for UL MIMO | SGS Wireless | agreed |  |  |
| R5-232516 | HST FR2 6.3D.1 Minimum output power for UL MIMO | SGS Wireless | agreed |  |  |
| R5-232517 | Introduction of NTN AMPR tests | Google Inc. | revised |  | R5-233569 |
| R5-232518 | TP analysis for NR NTN configured transmission power tests | Google | revised |  | R5-233514 |
| R5-232519 | Introduction of NTN configured transmission power tests | Google Inc. | approved |  |  |
| R5-232520 | NR NTN test frequencies for n255 | Google | agreed |  |  |
| R5-232521 | Editorial correction for some type error in 6.2A | MediaTek Beijing Inc. | approved |  |  |
| R5-232522 | Adding test case 6.2B.3 for UE A-MPR for category NB1 and NB2 UE | MediaTek Beijing Inc. | approved |  |  |
| R5-232523 | Adding test case 6.3A.1 for UE Minimum output power for category M1 | MediaTek Beijing Inc. | approved |  |  |
| R5-232524 | Adding test case 6.3A.2 for Transmit OFF power for category M1 | MediaTek Beijing Inc. | approved |  |  |
| R5-232525 | Adding test case 6.3A.3.1 for General ON/OFF time mask | MediaTek Beijing Inc. | approved |  |  |
| R5-232526 | Adding test case 6.3A.3.2.1 for PRACH time mask | MediaTek Beijing Inc. | approved |  |  |
| R5-232527 | Adding test case 6.3A.3.2.2 for SRS time mask | MediaTek Beijing Inc. | approved |  |  |
| R5-232528 | Correction to Rel-16 NR HST DPS cases | MediaTek Inc. | revised |  | R5-233726 |
| R5-232529 | Update of eMG case applicabilities | MediaTek Inc. | revised |  | R5-233710 |
| R5-232530 | Update of eMG TC 6.6.18.3 | MediaTek Inc. | agreed |  |  |
| R5-232531 | Update of eMG TC 6.6.18.4 | MediaTek Inc. | agreed |  |  |
| R5-232532 | Update of E.4 for MG enhancements | MediaTek Inc. | agreed |  |  |
| R5-232533 | Update of H.3.1 for MG enhancements | MediaTek Inc. | agreed |  |  |
| R5-232534 | Update of default configuration for IoT NTN | MediaTek Inc. | withdrawn |  |  |
| R5-232535 | Correction to IoT NTN TC 6.1.1.11 | MediaTek Inc. | revised |  | R5-233438 |
| R5-232536 | Correction to IoT NTN TC 7.1.6.6 | MediaTek Inc. | revised |  | R5-233439 |
| R5-232537 | Correction to IoT NTN TC 9.2.1.1.34 | MediaTek Inc. | withdrawn |  |  |
| R5-232538 | Correction to IoT NTN TC 22.2.13 | MediaTek Inc. | revised |  | R5-233440 |
| R5-232539 | Correction to IoT NTN TC 22.3.1.5a | MediaTek Inc., Qualcomm Incorporated | revised |  | R5-233441 |
| R5-232540 | Correction to IoT NTN TC 22.5.23 | MediaTek Inc. | withdrawn |  |  |
| R5-232541 | Correction to Idle Mode Test Case to enable IoT NTN test | MediaTek Inc. | revised |  | R5-233451 |
| R5-232542 | Correction to RRC Test Case to enable IoT NTN test | MediaTek Inc. | revised |  | R5-233452 |
| R5-232543 | Correction to NAS Test Case to enable IoT NTN test | MediaTek Inc. | revised |  | R5-233364 |
| R5-232544 | Correction to NB-IoT Test Case to enable IoT NTN test | MediaTek Inc. | revised |  | R5-233453 |
| R5-232545 | Update of applicability for IoT NTN | MediaTek Inc. | revised |  | R5-233366 |
| R5-232546 | Applicable eMTC cases for IoT NTN | MediaTek Inc. | withdrawn |  |  |
| R5-232547 | Applicable NB-IoT cases for IoT NTN | MediaTek Inc. | withdrawn |  |  |
| R5-232548 | Discussion paper of handling legacy test case for IoT NTN UE | MediaTek Inc. | revised |  | R5-233478 |
| R5-232549 | Adding test case 6.3A.4.1 for Power Control Absolute power tolerance | MediaTek Beijing Inc. | approved |  |  |
| R5-232550 | Adding test case 6.3A.4.2 Power Control Relative power tolerance | MediaTek Beijing Inc. | approved |  |  |
| R5-232551 | Adding test case 6.3A.4.3 for Aggregate power control tolerance | MediaTek Beijing Inc. | approved |  |  |
| R5-232552 | Adding test case 6.3B.1 for UE Minimum output power | MediaTek Beijing Inc. | approved |  |  |
| R5-232553 | Adding test case 6.3B.2 for Transmit OFF power | MediaTek Beijing Inc. | approved |  |  |
| R5-232554 | Adding test case 6.3B.3.1 General ON/OFF time mask | MediaTek Beijing Inc. | approved |  |  |
| R5-232555 | Adding test case 6.3B.3.2 NPRACH time mask | MediaTek Beijing Inc. | approved |  |  |
| R5-232556 | Adding test case 6.3B.4.1 Power Control Absolute power tolerance | MediaTek Beijing Inc. | approved |  |  |
| R5-232557 | Adding test case 6.3B.4.2 Power Control Relative power tolerance | MediaTek Beijing Inc. | approved |  |  |
| R5-232558 | Adding test case 6.3B.4.3 Aggregate power control tolerance | MediaTek Beijing Inc. | approved |  |  |
| R5-232559 | Correction UL RB configuration for CA\_n1-n3-n78 | MediaTek Beijing Inc. | revised |  | R5-233706 |
| R5-232560 | Update of default configuration for IoT NTN | MediaTek Inc. | revised |  | R5-233437 |
| R5-232561 | Test Tolerance analysis of FR1 PDC test cases | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232562 | WP UE Conformance - NR and MR-DC measurement gap enhancements | MediaTek Inc. | noted |  |  |
| R5-232563 | SR UE Conformance - NR and MR-DC measurement gap enhancements | MediaTek Inc. | noted |  |  |
| R5-232564 | WP UE Conformance - NB-IoT/eMTC support for Non-Terrestrial Networks (NTN) including EPS aspects | MediaTek Inc. | noted |  |  |
| R5-232565 | SR UE Conformance - NB-IoT/eMTC support for Non-Terrestrial Networks (NTN) including EPS aspects | MediaTek Inc. | noted |  |  |
| R5-232566 | Test Tolerance analysis of FR2 PDC test cases | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232567 | Addition of test case 5.3.2.1.4, 2Rx FDD FR1 PDCCH performance for RedCap | Ericsson | revised |  | R5-233598 |
| R5-232568 | Addition of test case 5.3.2.2.4, 2Rx TDD FR1 PDCCH performance for RedCap | Ericsson | revised |  | R5-233745 |
| R5-232569 | Adding SNR value for test 1-4 in test case 5.2.1.1.1 | Ericsson | revised |  | R5-233746 |
| R5-232570 | Core spec alignment for applicability of requirements | Ericsson | agreed |  |  |
| R5-232571 | Updates to test case 6.2.1.1.1.1, 1Rx FDD FR1 periodic CQI reporting under AWGN conditions for RedCap | Ericsson | agreed |  |  |
| R5-232572 | Addition of test case 6.2.1.2.1.1, 1Rx TDD FR1 periodic CQI reporting under AWGN conditions for RedCap | Ericsson | agreed |  |  |
| R5-232573 | Addition of test case 6.2.1.2.2.1, 1Rx TDD FR1 periodic wideband CQI reporting under fading conditions for RedCap | Ericsson | agreed |  |  |
| R5-232574 | Addition on MU and TT for newly introduced RedCap Demod test cases | Ericsson | revised |  | R5-233714 |
| R5-232575 | Addition on MU and TT for newly introduced RedCap CQI test cases | Ericsson | revised |  | R5-233599 |
| R5-232576 | Correction to RRC IEs for NR sidelink test | Huawei, HiSilicon | agreed |  |  |
| R5-232577 | Missing minimum test time for reference channel for RedCap | Ericsson | agreed |  |  |
| R5-232578 | Addition of applicability for RedCap demod test cases | Ericsson | agreed |  |  |
| R5-232579 | Addition of test case 6.5F.2.4.2, Shared spectrum channel access ACLR with additional requirement for NS\_29 | Ericsson | agreed |  |  |
| R5-232580 | Addition of applicability for test case 6.5F.2.4.2 | Ericsson | agreed |  |  |
| R5-232581 | WP on UE Conformance - High power UE (power class 2) for EN-DC with 1 LTE band + 1 NR TDD band | China Unicom | revised |  | - |
| R5-232582 | SR on UE Conformance - High power UE (power class 2) for EN-DC with 1 LTE band + 1 NR TDD band | China Unicom | noted |  |  |
| R5-232583 | WP on UE Conformance – Support of reduced capability NR devices | China Unicom | noted |  |  |
| R5-232584 | SR on UE Conformance – Support of reduced capability NR devices | China Unicom | noted |  |  |
| R5-232585 | Updating IMS security profiles | ROHDE & SCHWARZ | revised |  | R5-233486 |
| R5-232586 | AC MU Analysis for NR FR1 TRP-TRS (Rel.17) | ROHDE & SCHWARZ | noted |  |  |
| R5-232587 | MU values for NR FR1 TRP-TRS | ROHDE & SCHWARZ | revised |  | R5-233677 |
| R5-232588 | RAN4 progress update and MU impact analysis for Enhanced NR FR1 TRP-TRS test methods (Rel-18) | ROHDE & SCHWARZ | noted |  |  |
| R5-232589 | Text proposal for TR 38.870 Annex B on MU for BHH | ROHDE & SCHWARZ | noted |  |  |
| R5-232590 | Add test case 8.2.5.7.1 | Ericsson | withdrawn |  |  |
| R5-232591 | Add test case 8.2.5.7.2 | Ericsson | withdrawn |  |  |
| R5-232592 | Update test case 8.2.5.7.1 | Ericsson | revised |  | R5-233359 |
| R5-232593 | Update test case 8.2.5.7.2 | Ericsson | revised |  | R5-233360 |
| R5-232594 | Addition of new test case 5.5 for Pre-established Session Configuration | NIST | agreed |  |  |
| R5-232595 | Addition of new test case 5.6 for CSK Download | NIST | agreed |  |  |
| R5-232596 | Addition of new test case 5.7 for Functional Alias | NIST | revised |  | R5-233493 |
| R5-232597 | Updates to MCData UE Configuration and User Profile | NIST | revised |  | R5-233488 |
| R5-232598 | Addition of MCData Functional Alias Generic Procedures | NIST | withdrawn |  | - |
| R5-232599 | Updates to MCData PIDF for functional alias | NIST | revised |  | R5-233489 |
| R5-232600 | Updates to 5.3.3 Pre-Established Session Establishment Generic TC | NIST | revised |  | R5-233490 |
| R5-232601 | Updates to MCData-Info from the UE | NIST | revised |  | R5-233491 |
| R5-232602 | Updates to SDP Message from the SS for MCData | NIST | revised |  | R5-233294 |
| R5-232603 | Updates to SDP Message from the UE for MCData | NIST | revised |  | R5-233492 |
| R5-232604 | Update to MCX PIXITs for MCData Functional Alias | NIST | agreed |  |  |
| R5-232605 | Updates to Applicability | NIST | agreed |  |  |
| R5-232606 | Ref sensitivity TP selection for DC\_38A\_n78A DC\_18A\_n77A and DC\_19A\_n77A | Qualcomm India Pvt Ltd, DOCOMO Communications Lab | revised |  | R5-233519 |
| R5-232607 | Update Ref sense for DC\_38A\_n78A, DC\_18A\_n77A and DC\_19A\_n77A | Qualcomm India Pvt Ltd | revised |  | R5-233520 |
| R5-232608 | Ref sensitivity TP selection for DC\_7A\_n66A DC\_7A\_n77A and DC\_66A\_n25A | Qualcomm India Pvt Ltd | agreed |  |  |
| R5-232609 | Update Ref sense for DC\_7A\_n66A DC\_7A\_n71A DC\_7A\_n77A and DC\_66A\_n25A | Qualcomm India Pvt Ltd | agreed |  |  |
| R5-232610 | Spur\_TpAnalysis for CA\_n5A\_n48A | Qualcomm India Pvt Ltd | revised |  | R5-233513 |
| R5-232611 | General SE for CA\_n5A-n48A | Qualcomm India Pvt Ltd | agreed |  |  |
| R5-232612 | TX SE\_Co\_exist for CA\_n5A-n48A | Qualcomm India Pvt Ltd | agreed |  |  |
| R5-232613 | Update 7.3A.1 for CA\_n5A-n48A | Qualcomm India Pvt Ltd | agreed |  |  |
| R5-232614 | Update 6.2A.1.1 for CA\_n5A-n48A | Qualcomm India Pvt Ltd | agreed |  |  |
| R5-232615 | Adding FR2 Redcap Rx EIS test case | Qualcomm Tech. Netherlands B.V | revised |  | R5-233558 |
| R5-232616 | Update 6.2A.4.0.2.3 for CA\_n5A-n48A | Qualcomm India Pvt Ltd | agreed |  |  |
| R5-232617 | Adding FR2 Redcap Rx RefSens test case | Qualcomm Tech. Netherlands B.V | agreed |  |  |
| R5-232618 | Adding FR2 Redcap PC7 to Rx Test Config Tables | Qualcomm Tech. Netherlands B.V | agreed |  |  |
| R5-232619 | PRD21 CDS: For PC3 CA\_2A-n5A and CA\_2A-n48A | Qualcomm India Pvt Ltd | noted |  |  |
| R5-232620 | PRD21 CDS: PC3 EN-DC DC\_71A\_n2A | Qualcomm India Pvt Ltd | noted |  |  |
| R5-232621 | PRD21 CDS: PC3 EN-DC DC\_12A\_n2A and DC\_71A\_n66A | Qualcomm India Pvt Ltd | noted |  |  |
| R5-232622 | Adding FR2 Redcap PC7 to Tx Test Config Tables | Qualcomm Tech. Netherlands B.V | revised |  | R5-233557 |
| R5-232623 | Adding SE Coex Inter band ENDC FR2 UL-MIMO test case | Qualcomm Tech. Netherlands B.V | agreed |  |  |
| R5-232624 | Update 38.508-2 for CA\_n2A-n5A and CA\_n2A-n48A | Qualcomm India Pvt Ltd | agreed |  |  |
| R5-232625 | Update 6.2A.4.0.2.3 for CA\_n2A-n5A and CA\_n2A-n48A | Qualcomm India Pvt Ltd | agreed |  |  |
| R5-232626 | PC7 Antenna Assumptions for measurement grid | Qualcomm Tech. Netherlands B.V | noted |  |  |
| R5-232627 | Spurious Emissions TRP Measurement Grids using Offset Approach | Keysight Technologies UK Ltd | noted |  |  |
| R5-232628 | Update of SE TRP Offsets | Keysight Technologies UK Ltd | revised |  | R5-233702 |
| R5-232629 | Update of SE TRP Offsets | Keysight Technologies UK Ltd | revised |  | R5-233637 |
| R5-232630 | Update of Fine SE TRP Grids | Keysight Technologies UK Ltd | revised |  | R5-233641 |
| R5-232631 | Removal of Offsets in B.18 | Keysight Technologies UK Ltd | agreed |  |  |
| R5-232632 | Clarification of QoQZ TRP Grids | Keysight Technologies UK Ltd | agreed |  |  |
| R5-232633 | On MU Threshold for RRM FR2 PC1 | Keysight Technologies UK Ltd | noted |  |  |
| R5-232634 | Clarification of Example DUT Coordinate System | Keysight Technologies UK Ltd | agreed |  |  |
| R5-232635 | Test Time Reduction using Coarser TRP/TRS Measurement Grids for above and below 3 GHz | Keysight Technologies UK Ltd, CAICT | revised |  | R5-233678 |
| R5-232636 | Update 7.1 for NR-U | Qualcomm India Pvt Ltd | withdrawn |  |  |
| R5-232637 | Update 5.2 note 14 for NR-U | Qualcomm India Pvt Ltd | agreed |  |  |
| R5-232638 | Correction to switch off test procedure | Keysight Technologies UK, MediaTek Inc. | revised |  | R5-233474 |
| R5-232639 | Correction to introduce search space configuration changes for DCI\_2-6 transmission | Keysight Technologies UK | revised |  | R5-233317 |
| R5-232640 | Correction to NR MAC test cases 7.1.1.7.1.x | Keysight Technologies UK, Qualcomm | revised |  | R5-233324 |
| R5-232641 | Correction to NR MAC test case 7.1.1.9.1 | Keysight Technologies UK, Qualcomm | agreed |  |  |
| R5-232642 | Correction to NR PDCP test case 7.1.3.5.3 | Keysight Technologies UK | withdrawn |  |  |
| R5-232643 | Addition of FR2 cell power levels for SON-MDT test cases | Keysight Technologies UK | agreed |  |  |
| R5-232644 | Addition of FR2 cell power levels for Idle mode test cases | Keysight Technologies UK | revised |  | R5-233462 |
| R5-232645 | Addition of FR2 cell power levels for SNPN test cases | Keysight Technologies UK | revised |  | R5-233323 |
| R5-232646 | Correction to applicability of NR MAC test cases 7.1.1.7.1.x | Keysight Technologies UK, Qualcomm | agreed |  |  |
| R5-232647 | Correction to applicability of NR MAC test case 7.1.1.12.3 | Keysight Technologies UK | agreed |  |  |
| R5-232648 | Correction to IMS XCAP test case 15.10 | Keysight Technologies UK | agreed |  |  |
| R5-232649 | Update to applicability of test cases 15.10 and 8.9 based on new PICS for CFNL | Keysight Technologies UK | withdrawn |  |  |
| R5-232650 | Correction to MT Voice Call Control test case 7.31 and 7.32 | Keysight Technologies UK | agreed |  |  |
| R5-232651 | SR Protocol enhancements for Mission Critical Services for Rel-16 (MCPTT, MCVideo, MCData) | NIST | noted |  |  |
| R5-232652 | WP Protocol enhancements for Mission Critical Services for Rel-16 (MCPTT, MCVideo, MCData) | NIST | noted |  |  |
| R5-232653 | Correction to Annex B.2 for TDLD Delay profile | MediaTek Inc. | withdrawn |  |  |
| R5-232654 | Update of NR inter-band CA configurations in FR1 for CA\_n3A-n8A | China Unicom | agreed |  |  |
| R5-232655 | Update of ICS baseline for CA\_n3A-n8A | China Unicom | agreed |  |  |
| R5-232656 | Update to CLI tests 4.6.5.1 and 6.6.6.1 with TTs | Qualcomm France | revised |  | R5-233648 |
| R5-232657 | Addition of TT analysis for 4.6.5.1 and 6.6.6.1 | Qualcomm France | agreed |  |  |
| R5-232658 | Update to CLI tests 4.7.6.1 and 6.7.8.1 with TTs | Qualcomm France | revised |  | R5-233649 |
| R5-232659 | Addition of TT analysis for 4.7.6.1 and 6.7.8.1 | Qualcomm France | revised |  | R5-233646 |
| R5-232660 | Discussion on affected list of RRM test cases with testability issues | Qualcomm France | revised |  | R5-233696 |
| R5-232661 | Addition of NR SA FR2 active TCI state switch test cases 7.5.8.1.1 and 7.5.8.2.1 with TT | Qualcomm France | revised |  | R5-233645 |
| R5-232662 | Addition of TT analysis for TCI state switch test cases 7.5.8.1.1 and 7.5.8.2.1 | Qualcomm France | withdrawn |  |  |
| R5-232663 | Addition of NR-U EN-DC SS-RSRP measurement performance test cases | Qualcomm France | revised |  | R5-233621 |
| R5-232664 | Update to NR-U frequency bands | Qualcomm France | revised |  | R5-233622 |
| R5-232665 | Addition of NR-U SA SS-RSRP measurement performance test cases | Qualcomm France | revised |  | R5-233623 |
| R5-232666 | Update to RRM idle mode HST test cases | Qualcomm France | revised |  | R5-233740 |
| R5-232667 | Update to RRM applicability rules and test optimization - 38.522 | Qualcomm France | revised |  | R5-233691 |
| R5-232668 | Discussion on RRM test grouping | Qualcomm France | noted |  |  |
| R5-232669 | Addition of RedCap RLM OOS test cases 16.5.1.5 and 16.5.1.6 | Qualcomm France | revised |  | R5-233612 |
| R5-232670 | Addition of RedCap SSB-based BFD and LR in DRX mode test cases 16.5.2.3 and 16.5.2.4 | Qualcomm France | revised |  | R5-233613 |
| R5-232671 | Addition of RedCap DCI-based DL active BWP switch test cases 16.5.3.1.1 and 16.5.3.1.2 | Qualcomm France | revised |  | R5-233614 |
| R5-232672 | Addition of RedCap RRC-based DL active BWP switch test cases 16.5.3.2.1 and 16.5.3.2.2 | Qualcomm France | revised |  | R5-233615 |
| R5-232673 | Discussion on signal variation and balancing in FR2 multiple AoA setups | Qualcomm France | noted |  |  |
| R5-232674 | Addition of power savings RLM OOS test case 4.5.1.9 | Qualcomm France | revised |  | R5-233619 |
| R5-232675 | Addition of power savings RLM OOS test case 5.5.1.10 | Qualcomm France | revised |  | R5-233620 |
| R5-232676 | Addition of TT analysis for test cases 6.6.3.1 and 6.6.3.2 | Qualcomm France | agreed |  |  |
| R5-232677 | TT update for test cases 6.6.3.1 and 6.6.3.2 | Qualcomm France | revised |  | R5-233667 |
| R5-232678 | Annex E and F updates for CLI-based test cases including TTs | Qualcomm France | revised |  | R5-233650 |
| R5-232679 | Update to SCell activation and deactivation test cases | Qualcomm France | revised |  | R5-233625 |
| R5-232680 | Correction to test applicability for SA FR2 test cases | Qualcomm France | revised |  | R5-233630 |
| R5-232681 | Editorial updates to Table 6.1.2.7.3.2-1 from Cell reselection/Equivalent PLMN test case | Qualcomm CDMA Technologies | withdrawn |  |  |
| R5-232682 | Corrections to MDT test case 8.1.6.1.4.9 | Qualcomm CDMA Technologies | agreed |  |  |
| R5-232683 | Addition of new RRC TC for RRCRelease with redirection with mpsPriorityIndication-r16 | Qualcomm CDMA Technologies | revised |  | R5-233777 |
| R5-232684 | Addition of PICS for support of mpsPriorityIndication on RRC release with redirect | Qualcomm CDMA Technologies | revised |  | R5-233320 |
| R5-232685 | Addition of applicability of new RRC TC for RRCRelease with redirection with mpsPriorityIndication-r16 | Qualcomm CDMA Technologies | agreed |  |  |
| R5-232686 | Corrections to SNPN TC 11.3.9a | Qualcomm CDMA Technologies, Anritsu Ltd | revised |  | R5-233351 |
| R5-232687 | Discussion to add coverage for the TEI15 feature - "intraFreqReselection” field in MIB message is set to "not allowed" | Qualcomm CDMA Technologies | revised |  | R5-233319 |
| R5-232688 | Addition of new Idle mode TC to test the intraFreqReselection in MIB message is set to not allowed | Qualcomm CDMA Technologies | revised |  | R5-233463 |
| R5-232689 | Addition of applicability of new Idle mode TC to test the intraFreqReselection in MIB message is set to not allowed | Qualcomm CDMA Technologies | revised |  | R5-233476 |
| R5-232690 | Updates to SIB19 for NR NTN | Qualcomm CDMA Technologies | revised |  | R5-233434 |
| R5-232691 | Update IE ServingCellConfigCommon for NR NTN | Qualcomm CDMA Technologies | revised |  | R5-233435 |
| R5-232692 | Update to clause 4.4.3 Common parameters for NR NTN | Qualcomm CDMA Technologies | revised |  | R5-233436 |
| R5-232693 | Addition of NTN freq bands to clause 6.2.3 for Default test frequencies | Qualcomm CDMA Technologies | agreed |  |  |
| R5-232694 | Addition of new clause for UE Position Requirements for NR NTN testing | Qualcomm CDMA Technologies | revised |  | R5-233369 |
| R5-232695 | Update 6.5F.3.1 General SE for NR-U | Qualcomm India Pvt Ltd | agreed |  |  |
| R5-232696 | SR - UE Conformance - Multiple Input Multiple Output (MIMO) Over-the-Air (OTA) requirements for NR UEs | Apple Electronics | noted |  |  |
| R5-232697 | Update 6.5F.2.4.1 ACLR for NR-U | Qualcomm India Pvt Ltd | agreed |  |  |
| R5-232698 | WP - UE Conformance - Multiple Input Multiple Output (MIMO) Over-the-Air (OTA) requirements for NR UEs | Apple Electronics | noted |  |  |
| R5-232699 | Updates on TS 38.551 Annex B | Apple Electronics | approved |  |  |
| R5-232700 | Addition of 6.5E.4 Transmit intermodulation for V2X | TTA | agreed |  |  |
| R5-232701 | Updates on TS 38.551 Annex C | Apple Electronics | approved |  |  |
| R5-232702 | Updates on TS 38.551 Foreword, scope and references | Apple Electronics | approved |  |  |
| R5-232703 | Updates on TS 38.551 FR1 MIMO OTA frequency bands | Apple Electronics | approved |  |  |
| R5-232704 | Updates on TS 38.551 FR1 MIMO OTA Performance | Apple Electronics | approved |  |  |
| R5-232705 | Addition of ATSSS TC 10.4.1.5 - UE-requested MA PDU session modification / ATSSS / Success | CATT, TDIA | agreed |  |  |
| R5-232706 | Addition of new ATSSS test case 10.4.1.6 | CATT, TDIA | revised |  | R5-233433 |
| R5-232707 | Addition of reference sensitivity test point analysis for n3A-n77A | KDDI Corporation | agreed |  |  |
| R5-232708 | Addition of applicability for new ATSSS test case 10.4.1.5 and 10.4.1.6 | CATT, TDIA | agreed |  |  |
| R5-232709 | Addition of reference sensitivity test point analysis for n28A-n77A | KDDI Corporation | agreed |  |  |
| R5-232710 | Completion 16.3.1 with TT analysis results | ROHDE & SCHWARZ | agreed |  |  |
| R5-232711 | Addition A-GNSS mininimum performance test scenarios for RNSS | ROHDE & SCHWARZ | revised |  | R5-233682 |
| R5-232712 | Correction NZP-CSI-RS-ResourceSet for FR1 | ROHDE & SCHWARZ | agreed |  |  |
| R5-232713 | Addition of PC5 RRC message uuMessageTransferSidelink | TDIA, CATT | revised |  | R5-233423 |
| R5-232714 | Correction to NR MUSIM TC 8.1.5.10.3 | TDIA, CATT | revised |  | R5-233470 |
| R5-232715 | Addition of PC5 RRC RemoteUEInformationSidelink message | TDIA, CATT | revised |  | R5-233424 |
| R5-232716 | Correction to NR SL SIG TC 12.2.8.3 - PC5 RLF | TDIA, CATT | agreed |  |  |
| R5-232717 | Update of TC 10.1.8.3- NSAC / PDU session establishment reject / Maximum number of PDU sessions reached / Back-off timer is zero or not included | TDIA, CATT | revised |  | R5-233403 |
| R5-232718 | Addition of reference sensitivity test point analysis for DC\_21A\_n28A | NTT DOCOMO INC. | agreed |  |  |
| R5-232719 | Update of MUSIM test case 9.2.1.1.33 | TDIA, CATT | withdrawn |  | - |
| R5-232720 | Addition of reference sensitivity test point analysis for 19A\_n77A | NTT DOCOMO INC. | withdrawn |  |  |
| R5-232721 | Update of PC5 RRC message SL-L2RelayUE-Config | TDIA, CATT | revised |  | R5-233426 |
| R5-232722 | Update of PC5 RRC message Uu-RelayRLC-ChannelConfig | TDIA,CATT | revised |  | R5-233425 |
| R5-232723 | Correction to default P-Max value for Power Class 1.5 UEs | Huawei, HiSilicon | agreed |  |  |
| R5-232724 | Update of 6.4G.2.4 EVM equalizer spectrum flatness for Tx Diversity | Huawei, HiSilicon | revised |  | R5-233720 |
| R5-232725 | Update of 6.5G.2.3.1 NR ACLR for checking TxD capability | Huawei, HiSilicon | withdrawn |  |  |
| R5-232726 | Addition of abbreviation and clause 4 general description for Tx diversity | Huawei, HiSilicon | agreed |  |  |
| R5-232727 | WP UE Conformance - UE RF requirements for Transparent Tx Diversity (TxD) for NR | Huawei, HiSilicon | noted |  | - |
| R5-232728 | SR UE Conformance - UE RF requirements for Transparent Tx Diversity (TxD) for NR | Huawei, HiSilicon | noted |  |  |
| R5-232729 | Update of TC 8.1.5.11.3- Idle/Inactive measurements / Inactive mode / SIB11 configuration / Measurement of NR cells | TDIA, CATT | agreed |  |  |
| R5-232730 | Update of TC 8.1.5.11.4-Idle/Inactive measurements / Inactive mode / RRCRelease configuration / Measurement of NR cells | TDIA, CATT | agreed |  |  |
| R5-232731 | Addition of NR FR1 bands with UL MIMO capabilities | Huawei, HiSilicon | agreed |  |  |
| R5-232732 | Addition of new test case 6.2D.2\_1 UE MPR for SUL with UL MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-232733 | Addition of new test case 6.2D.3\_1 UE A-MPR for SUL with UL MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-232734 | Addition of new test case 6.4D.2.2\_1 Carrier leakage for SUL with UL MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-232735 | Addition of new test case 6.4D.2.3\_1 In-band emissions for SUL with UL MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-232736 | Addition of new test case 6.5D.2.4.1\_1 NR ACLR for SUL with UL MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-232737 | Addition of new test case 6.5D.2.4.2\_1 UTRA ACLR for SUL with UL MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-232738 | Addition of new test case 6.5D.3\_2.1 General spurious emissions | Huawei, HiSilicon | agreed |  |  |
| R5-232739 | Addition of new test case 6.5D.3\_2.2 Spurious emissions for UE co-existence | Huawei, HiSilicon | agreed |  |  |
| R5-232740 | Addition of new test case 6.5D.3\_2.3 Additional spurious emissions | Huawei, HiSilicon | agreed |  |  |
| R5-232741 | Addition of Annex F for new test cases for SUL with UL MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-232742 | Addition of test applicability for SUL test cases with UL MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-232743 | Update of the contents of RRC messages for L2 U2N relay related operation | TDIA, CATT | agreed |  |  |
| R5-232744 | Update of UL MIMO aggregate power TC | Rohde & Schwarz | withdrawn |  |  |
| R5-232745 | Discussion on GNSS emulation for NTN | Rohde & Schwarz | noted |  |  |
| R5-232746 | Update of the contents of Sidelink information elements | TDIA, CATT | agreed |  |  |
| R5-232747 | Update of PC2 UE maximum output power for inter-band CA configurations | Huawei, HiSilicon | agreed |  |  |
| R5-232748 | Update of physical layer baseline capabilities for CA\_n28A-n78A | Huawei, HiSilicon | revised |  | R5-233504 |
| R5-232749 | Update of applicability of simultaneous RxTx capability for CA\_n28-n79 | Huawei, HiSilicon | withdrawn |  |  |
| R5-232750 | Addition of UL MIMO SEM and NR ACLR test cases for Power Class 1.5 | Huawei, HiSilicon | agreed |  |  |
| R5-232751 | Editorial correction of reference table numbers for SUL test cases | Huawei, HiSilicon | agreed |  |  |
| R5-232752 | Editorial Update of PC2 fallback PC3 test requirements | Huawei, HiSilicon | withdrawn |  |  |
| R5-232753 | Correction to 6.2B.4.1.3 configured output power for EN-DC | Huawei, HiSilicon | revised |  | R5-233725 |
| R5-232754 | Correction to test ID for PC2 fallback PC3 testing | Huawei, HiSilicon | agreed |  |  |
| R5-232755 | Correction to test point analysis for FR1 test cases | Huawei, HiSilicon | revised |  | R5-233522 |
| R5-232756 | Correction to test applicability for UL MIMO test cases | Huawei, HiSilicon | agreed |  |  |
| R5-232757 | Correction to test tolerance analysis for 5.6.6.1 and 7.6.6.1 | Huawei, HiSilicon | agreed |  |  |
| R5-232758 | WP UE Conformance - Further Multi-RAT Dual-Connectivity enhancement | Huawei, HiSilicon | noted |  |  |
| R5-232759 | SR UE Conformance - Further Multi-RAT Dual-Connectivity enhancement | Huawei, HiSilicon | noted |  |  |
| R5-232760 | GCF 3GPP TCL after GCF CAG#74 | Ericsson | noted |  |  |
| R5-232761 | Updates to Annex A.25 | Ericsson | agreed |  |  |
| R5-232762 | Updates to Annex A.19 | Ericsson | agreed |  |  |
| R5-232763 | Updates to test case 8.6 | Ericsson | revised |  | R5-233373 |
| R5-232764 | Updates to test case 8.34 | Ericsson | withdrawn |  |  |
| R5-232765 | Updates to test case 8.35 | Ericsson | withdrawn |  |  |
| R5-232766 | Updates to test case 8.36 | Ericsson | withdrawn |  |  |
| R5-232767 | Updates to test case 8.37 | Ericsson | agreed |  |  |
| R5-232768 | Updates to test case 8.38 | Ericsson | agreed |  |  |
| R5-232769 | Updates to applicability for Supplementary Services test cases | Ericsson | agreed |  |  |
| R5-232770 | Updates to default 5GMM messages | Ericsson | withdrawn |  |  |
| R5-232771 | Correction to applicability for performance test cases | TTA | revised |  | R5-233692 |
| R5-232772 | Addition of reference sensitivity for 21A\_n28A | DOCOMO Communications Lab. | agreed |  |  |
| R5-232773 | Addition of reference sensitivity for 19A\_n77A | DOCOMO Communications Lab. | withdrawn |  |  |
| R5-232774 | Agenda - opening session | WG Chairman | approved | R5-232020 |  |
| R5-232775 | SR Rel-17 eNS\_Ph2-UEConTest after RAN5#99 | CMCC | noted |  |  |
| R5-232776 | WP Rel-17 eNS\_Ph2-UEConTest after RAN5#99 | CMCC | noted |  |  |
| R5-232777 | Update to eNS\_Ph2 test case 9.1.12.1 | CMCC | revised |  | R5-233378 |
| R5-232778 | Update to eNS\_Ph2 test case 9.1.12.2 | CMCC | agreed |  |  |
| R5-232779 | SR Rel-17 NR\_ENDC\_SON\_MDT\_enh-UEConTest after RAN5#99 | CMCC | noted |  |  |
| R5-232780 | WP Rel-17 NR\_ENDC\_SON\_MDT\_enh-UEConTest after RAN5#99 | CMCC | noted |  |  |
| R5-232781 | Update of test case 8.1.6.1.2.15 for SON\_MDT | CMCC | revised |  | R5-233377 |
| R5-232782 | SR Rel-17 NR\_slice-UEConTest after RAN5#99 | CMCC | noted |  |  |
| R5-232783 | WP Rel-17 NR\_slice-UEConTest after RAN5#99 | CMCC | noted |  |  |
| R5-232784 | Addition of a new combination of system information block for SIB16 | CMCC | revised |  | R5-233379 |
| R5-232785 | Update of test case 6.1.2.24 for NR slice | CMCC | revised |  | R5-233421 |
| R5-232786 | Update of test case 6.4.2.3 for NR slice | CMCC | revised |  | R5-233422 |
| R5-232787 | SR NR\_Rel-16\_CA\_DC after RAN5#99 | CMCC | noted |  |  |
| R5-232788 | WP NR\_Rel-16\_CA\_DC after RAN5#99 | CMCC | noted |  |  |
| R5-232789 | Update to R16 NR CADC configuration test cases applicability | CMCC, Intertek, Rohde&Schwarz | revised |  | R5-233736 |
| R5-232790 | Addition of test frequencies of CA\_n39A-n41A config TC 4.3.1.1.2.1 | CMCC | agreed |  |  |
| R5-232791 | Update of delta TIB,c for CA\_n39A-n41A | CMCC | agreed |  |  |
| R5-232792 | Update of delta RIB,c for CA\_n39A-n41A | CMCC | agreed |  |  |
| R5-232793 | Addition of CA\_n39A-n41A RF Baseline Implementation Capabilities | CMCC | agreed |  |  |
| R5-232794 | Addition of R17 new CA PC2 configs for Ref sens exceptions TC 7.3A.0 | CMCC, Verizon | revised |  | R5-233539 |
| R5-232795 | Addition of R17 new CA PC2 configs RF Baseline Implementation Capabilities | CMCC | revised |  | R5-233509 |
| R5-232796 | Update of delta TIB,c for CA\_n28A-n41A-n79A | CMCC | agreed |  |  |
| R5-232797 | Update of delta RIB,c for CA\_n28A-n41A-n79A | CMCC | agreed |  |  |
| R5-232798 | Addition of R17 new CA PC3 config RF Baseline Implementation Capabilities | CMCC | agreed |  |  |
| R5-232799 | Update to R17 NR CADC configuration test cases applicability | CMCC | withdrawn |  |  |
| R5-232800 | SR Rel-17 PC2 n39 after RAN5#99 | CMCC | noted |  |  |
| R5-232801 | WP Rel-17 PC2 n39 after RAN5#99 | CMCC | noted |  |  |
| R5-232802 | Update for PC2 PC3 n39 A-MPR | CMCC, Huawei | revised |  | R5-233721 |
| R5-232803 | TP analysis for PC2 PC3 n39 A-MPR and A-SE | CMCC | revised |  | R5-233516 |
| R5-232804 | Update for PC2 n39 A-SE | CMCC | agreed |  |  |
| R5-232805 | TP analysis for PC2 n39 A-SE | CMCC | withdrawn |  |  |
| R5-232806 | CDS for PC2 n39 | CMCC | withdrawn |  |  |
| R5-232807 | SR Rel-17 HST enh after RAN5#99 | CMCC | noted |  |  |
| R5-232808 | WP Rel-17 HST enh after RAN5#99 | CMCC | noted |  |  |
| R5-232809 | Addition of Applicability of different requirements for HST | CMCC | agreed |  |  |
| R5-232810 | Update of Reference measurement channels for SCS 15 kHz FR1 | CMCC | agreed |  |  |
| R5-232811 | Update of Reference measurement channels for SCS 30 kHz FR1 | CMCC | agreed |  |  |
| R5-232812 | Update to R17 NR HST FR1 enh test cases applicability | CMCC, Ericsson | agreed |  |  |
| R5-232813 | SR Rel-18 NB-IoT/eMTC NTN after RAN5#99 | CMCC | noted |  |  |
| R5-232814 | WP Rel-18 NB-IoT/eMTC NTN after RAN5#99 | CMCC | noted |  |  |
| R5-232815 | Introduction of eMTC/NB-IoT NTN Output RF spectrum emissions TC 6.5 | CMCC | approved |  |  |
| R5-232816 | Introduction of eMTC NTN Output RF spectrum emissions TC 6.5A | CMCC | revised |  | R5-233574 |
| R5-232817 | Introduction of NB-IoT NTN Output RF spectrum emissions TC 6.5B | CMCC | approved |  |  |
| R5-232818 | Update of editor notes for IoT NTN TCs | CMCC | revised |  | R5-233575 |
| R5-232819 | Disc on handling of R18 IoT NTN TCs in 36521-4 | CMCC, MTK, Sporton, CAICT | revised |  | R5-233566 |
| R5-232820 | IoT NTN test point analysis | CMCC, MTK, Sporton | agreed |  |  |
| R5-232821 | Draft TS 36.521-4 v0.2.0 | CMCC, MTK | approved |  |  |
| R5-232822 | Update NR band and CADC configs status in ICS Annex B | CMCC | agreed |  |  |
| R5-232823 | Discussion on handling of test case applicability with different branches | CMCC, BV ADT, Sporton | noted |  |  |
| R5-232824 | PRD21 on NR bands and 5G NR CADC config handling v1.5.0 | CMCC | approved |  |  |
| R5-232825 | Correction to Sidelink configuration for PSSCH/PSCCH | CMCC | withdrawn |  |  |
| R5-232826 | New WID on UE Conformance - High power UE (power class 1.5) for NR FR1 TDD single band | CMCC, Huawei, HiSilicon | revised |  | R5-233306 |
| R5-232827 | WP UE Conformance NR Coverage Enhancement RAN5#99 | China Telecom | noted |  |  |
| R5-232828 | SR UE Conformance NR Coverage Enhancement RAN5#99 | China Telecom | noted |  |  |
| R5-232829 | 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#99 | China Telecom | noted |  |  |
| R5-232830 | 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#99 | China Telecom | noted |  |  |
| R5-232831 | SR UE Conformance Further enhancement on NR demodulation performance RAN5#99 | China Telecom, Qualcomm | noted |  |  |
| R5-232832 | WP UE Conformance – Downlink interruption for NR and EN-DC band combinations to conduct dynamic Tx Switching in Uplink RAN5#99 | China Telecom | noted |  |  |
| R5-232833 | SR UE Conformance – Downlink interruption for NR and EN-DC band combinations to conduct dynamic Tx Switching in Uplink RAN5#99 | China Telecom | noted |  |  |
| R5-232834 | Adding applicability for MMSE-IRC test cases | China Telecom | agreed |  |  |
| R5-232835 | Add applicability rule for PDSCH with inter cell interference and CRS-IM demodulation requirements | China Telecom | agreed |  |  |
| R5-232836 | Adding FRC for R17 demodulation enhancement WI | China Telecom | agreed |  |  |
| R5-232837 | Adding ICS for UE MMSE-IRC receiver capability | China Telecom | agreed |  |  |
| R5-232838 | Add PDSCH demodulation test case with inter-cell intereference 2Rx FDD | China Telecom | revised |  | R5-233707 |
| R5-232839 | Add PDSCH demodulation test case with inter-cell intereference 4Rx FDD | China Telecom | revised |  | R5-233708 |
| R5-232840 | Update of PC2 UE configured output power for inter-band EN-DC configurations | China Telecom, Huawei, HiSilicon, Qualcomm | agreed |  |  |
| R5-232841 | Update of PC2 UE maximum output power for inter-band EN-DC configurations | China Telecom, Huawei, HiSilicon, Qualcomm | agreed |  |  |
| R5-232842 | WP UE Conformance Test Aspects - Rel -16 for CLI handling for NR | Qualcomm Europe Inc. Sweden | revised |  | R5-233780 |
| R5-232843 | SR UE Conformance Test Aspects - Rel -16 for CLI handling for NR | Qualcomm Europe Inc. Sweden | noted |  |  |
| R5-232844 | WP - UE Conformance Test Aspects for NR-based Access to Unlicensed Spectrum | Qualcomm Europe Inc. Sweden | noted |  |  |
| R5-232845 | SR - UE Conformance Test Aspects for NR-based Access to Unlicensed Spectrum | Qualcomm Europe Inc. Sweden | noted |  |  |
| R5-232846 | WP UE Conformance Test Aspects - Solutions for NR to support non-terrestrial networks (NTN) | Qualcomm Europe Inc. Sweden | noted |  |  |
| R5-232847 | SR UE Conformance Test Aspects - Solutions for NR to support non-terrestrial networks (NTN) | Qualcomm Europe Inc. Sweden | noted |  |  |
| R5-232848 | WP UE Conformance Test Aspects - Further enhancement on NR demodulation performance | Qualcomm Europe Inc. Sweden | noted |  |  |
| R5-232849 | WP UE Conformance Test Aspects - Introduction of DL 1024QAM for NR frequency range 1 (FR1) | Qualcomm Europe Inc. Sweden | noted |  |  |
| R5-232850 | SR UE Conformance Test Aspects - Introduction of DL 1024QAM for NR frequency range 1 (FR1) | Qualcomm Europe Inc. Sweden | noted |  |  |
| R5-232851 | Draft TS 38.521-5 version 0.2.0 | Qualcomm Europe Inc. Sweden | approved |  |  |
| R5-232852 | Updates to 10^-5 BLER PDSCH Demodulation test cases | Qualcomm Europe Inc. Sweden | revised |  | R5-233732 |
| R5-232853 | Updates to Power Saving test cases | Qualcomm Europe Inc. Sweden | revised |  | R5-233737 |
| R5-232854 | Addition of Demodulation performance testcases for PDSCH with inter-cell interference | Qualcomm Europe Inc. Sweden | revised |  | R5-233580 |
| R5-232855 | Addition of Demodulation performance testcases for PDSCH with intra-cell inter user interference | Qualcomm Europe Inc. Sweden | revised |  | R5-233581 |
| R5-232856 | Addition of Demodulation performance testcases for PDSCH CRS interference mitigation under NR-LTE coexistense | Qualcomm Europe Inc. Sweden | revised |  | R5-233582 |
| R5-232857 | Addition of Demodulation performance testcases for PDSCH with inter-cell CRS interference | Qualcomm Europe Inc. Sweden | revised |  | R5-233583 |
| R5-232858 | Addition of PDSCH TC's for 3DLCA and 4DLCA with power imbalance | Qualcomm Europe Inc. Sweden | agreed |  |  |
| R5-232859 | Addition of NR-DC SDR test case | Qualcomm Europe Inc. Sweden | agreed |  |  |
| R5-232860 | Applicability update for CLI test cases | Qualcomm Europe Inc. Sweden | revised |  | R5-233731 |
| R5-232861 | Addition of PICS for CLI test case | Qualcomm Europe Inc. Sweden | revised |  | R5-233505 |
| R5-232862 | Updates to PDSCH Performance Test cases for 1024QAM | Qualcomm Europe Inc. Sweden | revised |  | R5-233751 |
| R5-232863 | Corrections to clause 5.5 SDR test cases | Qualcomm Europe Inc. Sweden | agreed |  |  |
| R5-232864 | Corrections to Annex A.3.2\_1.2 | Qualcomm Europe Inc. Sweden | agreed |  |  |
| R5-232865 | Addition of TDD FR1 single carrier CQI reporting test cases on band with shared spectrum access | Qualcomm Europe Inc. Sweden | revised |  | R5-233600 |
| R5-232866 | Addition of TDD FR1 carrier aggregation CQI reporting test cases on band with shared spectrum access | Qualcomm Europe Inc. Sweden | withdrawn |  |  |
| R5-232867 | Correction to reportQuantity value for 1Tx CQI CA test cases | Qualcomm Europe Inc. Sweden | revised |  | R5-233774 |
| R5-232868 | NTN discussion open topics | Qualcomm Europe Inc. Sweden | withdrawn |  |  |
| R5-232869 | TP to add clause 8.1 to TS 38.521-5 | Qualcomm Europe Inc. Sweden | withdrawn |  |  |
| R5-232870 | TP to add 2Rx PDSCH mapping type A test case for NTN UE | Qualcomm Europe Inc. Sweden | revised |  | R5-233570 |
| R5-232871 | TP to add Annex for satellite access | Qualcomm Europe Inc. Sweden | withdrawn |  | - |
| R5-232872 | Correction to NR testcase 7.1.1.3.2b | ROHDE & SCHWARZ | agreed |  |  |
| R5-232873 | Editorial changes in Table 7.3A.1.5-1 | Ericsson | revised |  | R5-233534 |
| R5-232874 | Correction of delta RIB,c , Core spec alignment | Ericsson | agreed |  |  |
| R5-232875 | Introduction of CA\_n5A-n66A and CA\_n41A-n66A-n71A. | Ericsson | agreed |  |  |
| R5-232876 | Editorial in Table 4.1.3.1-2 | Ericsson | agreed |  |  |
| R5-232877 | Addition of new CA configuration CA-n41A-n66A-n71A | Ericsson | agreed |  |  |
| R5-232878 | Addition of CA\_n41A-n66A-n71A in sensitivity test case config table. | Ericsson | agreed |  |  |
| R5-232879 | Addition of Delta RIB,c for CA\_n41A-n66A-n71A | Ericsson | agreed |  |  |
| R5-232880 | Addition of CA\_n41A-n66A-n71A in Table 7.3A.2.5-1 | Ericsson | agreed |  |  |
| R5-232881 | Clarification/improvement of clause B9. | Ericsson | revised |  | R5-233523 |
| R5-232882 | PRD21 CDS: CA\_n5A-n66A BCS0, no UL CA, PC3. | Ericsson | noted |  |  |
| R5-232883 | PRD21 CDS: CA\_n5A-n66A, no UL CA, BCS1, PC3. | Ericsson | noted |  |  |
| R5-232884 | WP - UE Conformance - Further enhancements on MIMO for NR | Samsung | noted |  |  |
| R5-232885 | SR - UE Conformance - Further enhancements on MIMO for NR | Samsung | noted |  |  |
| R5-232886 | WP - UE Conformance - NR support for high speed train scenario in frequency range 2 | Samsung | revised |  | R5-233496 |
| R5-232887 | SR - UE Conformance - NR support for high speed train scenario in frequency range 2 | Samsung | revised |  | R5-233497 |
| R5-232888 | Additional test case 5.3.2.1.5 2RX FDD Minimum requirements for PDCCH with intra-slot repetition | Samsung | revised |  | R5-233584 |
| R5-232889 | Additional test case 5.3.2.2.5 2RX TDD Minimum requirements for PDCCH with intra-slot repetition | Samsung | revised |  | R5-233585 |
| R5-232890 | Additional test case 5.3.3.1.4 4RX FDD Minimum requirements for PDCCH with intra-slot repetition | Samsung | revised |  | R5-233586 |
| R5-232891 | Additional test case 5.3.3.2.4 4RX TDD Minimum requirements for PDCCH with intra-slot repetition | Samsung | revised |  | R5-233587 |
| R5-232892 | Adding applicability statements for NR FeMIMO | Samsung | withdrawn |  |  |
| R5-232893 | Add new test case for 38.523-1 6.1.2 | Samsung | revised |  | R5-233465 |
| R5-232894 | New WID on UE Conformance – Multi-carrier enhancements for NR | China Telecom, Huawei, HiSilicon | noted |  |  |
| R5-232895 | Addition of test frequency for new 3/4 band EN-DC comb | KT Corp. | revised |  | R5-233501 |
| R5-232896 | Update of Table A.4.3.2B.2.3.2-2 and A.4.3.2B.2.3.3-2 for new 3/4 band EN-DC comb | KT Corp. | revised |  | R5-233503 |
| R5-232897 | Update of applicability of simultaneous RxTx capability for CA\_n28-n79 | Huawei, HiSilicon | agreed |  |  |
| R5-232898 | Addition to testcase 8.1.5.13.2 Data on non-SDT Radio Bearers | Nokia, Nokia Shanghai Bell | revised |  | R5-233417 |
| R5-232899 | Addition to testcase 8.1.5.13.3 SDT-SRB2-Indication | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| R5-232900 | Addition of Ethernet configuration for EHC testing for EUTRA common config | Nokia, Nokia Shanghai Bell | revised |  | R5-233418 |
| R5-232901 | Correction to EHC testcase 7.3.6.2 for EUTRA | Nokia, Nokia Shanghai Bell | revised |  | R5-233419 |
| R5-232902 | SR UE Conformance Test Aspects - LTE-NR & NR-NR Dual Connectivity and NR CA enhancements | Nokia, Nokia Shanghai Bell | noted |  |  |
| R5-232903 | WP UE Conformance Test Aspects - LTE-NR & NR-NR Dual Connectivity and NR CA enhancements | Nokia, Nokia Shanghai Bell | revised |  | R5-233769 |
| R5-232904 | SR UE Conformance Test Aspects - Enhanced Industrial Internet of Things (IoT) and ultra-reliable and low latency communication (URLLC) support for NR | Nokia, Nokia Shanghai Bell | noted |  |  |
| R5-232905 | WP UE Conformance Test Aspects - Enhanced Industrial Internet of Things (IoT) and ultra-reliable and low latency communication (URLLC) support for NR | Nokia, Nokia Shanghai Bell | noted |  |  |
| R5-232906 | Correction to RRC downlink segmentation test case 8.5.5.2 | MediaTek Inc. | revised |  | R5-233315 |
| R5-232907 | Updating for PC6 measurement error contribution descriptions for IFF | Samsung Electronics Nordic AB | withdrawn |  |  |
| R5-232908 | 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 |  |  |
| R5-232909 | 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 |  |  |
| R5-232910 | FR2 RRM test cases: Known Issue List | Ericsson | revised |  | R5-233634 |
| R5-232911 | Discussion on additional UE gain parameters in FR2 RRM testing | Ericsson | revised |  | R5-233642 |
| R5-232912 | Correction of UE gain parameters | Ericsson | withdrawn |  |  |
| R5-232913 | Correction of Test Tolerance analysis for Inter-frequency SS-RSRP measurement accuracy tests in FR2 | Ericsson | revised |  | R5-233643 |
| R5-232914 | Correction of FR2 Inter-freq measurement accuracy test cases including Test Tolerance | Ericsson | withdrawn |  |  |
| R5-232915 | Test Tolerance analysis for HST event triggered test cases | Ericsson | revised |  | R5-233659 |
| R5-232916 | Correction of EN-DC event reporting with highSpeedMeasCA-Scell-r17 test case 4.6.1.8 including Test Tolerance | Ericsson | agreed |  |  |
| R5-232917 | Correction of EN-DC event reporting with highSpeedMeasCA-Scell-r17 test case 4.6.2.9 including Test Tolerance | Ericsson | agreed |  |  |
| R5-232918 | Correction of SA FR1 HST reselection test case 6.1.1.8 including Test Tolerance | Ericsson | agreed |  |  |
| R5-232919 | Correction of SA event reporting with highSpeedMeasCA-Scell-r17 test case 6.6.1.8 including Test Tolerance | Ericsson | revised |  | R5-233658 |
| R5-232920 | Correction of SA event reporting with highSpeedMeasCA-Scell-r17 test case 6.6.2.12 including Test Tolerance | Ericsson | agreed |  |  |
| R5-232921 | Correction of Annex F for HST test cases including Test Tolerance | Ericsson | agreed |  |  |
| R5-232922 | Correction of RedCap NR SA FR1 - E-UTRA Cell reselection test cases in clause 16.1.2 | Ericsson | revised |  | R5-233616 |
| R5-232923 | Correction of RedCap test case 17.1.1.1 | Ericsson | agreed |  |  |
| R5-232924 | Correction of RedCap test case 17.1.1.2 | Ericsson | agreed |  |  |
| R5-232925 | Correction of RedCap test case 17.1.1.3 | Ericsson | agreed |  |  |
| R5-232926 | Correction of RedCap test case 17.1.1.4 | Ericsson | agreed |  |  |
| R5-232927 | Annex E correction for Redcap FR2 reselection cases | Ericsson | revised |  | R5-233617 |
| R5-232928 | Applicability of FR2 RedCap reselection test cases | Ericsson | agreed |  |  |
| R5-232929 | Capability of REL17 Relaxed measurements in IDLE for RedCap | Ericsson | agreed |  |  |
| R5-232930 | 38.522 correction for RRM enh cases | Ericsson | withdrawn |  |  |
| R5-232931 | RRM enh cases EN regarding applicability removal | Ericsson | withdrawn |  |  |
| R5-232932 | Updating for PC6 measurement error contribution descriptions for IFF | Samsung | revised |  | R5-233633 |
| R5-232933 | Correction to IMS testcase 10.4 | ROHDE & SCHWARZ, MCCTF160 | revised |  | R5-233448 |
| R5-232934 | Update CSI-ReportConfig IE content for RRM testing | Keysight Technologies UK Ltd | agreed |  |  |
| R5-232935 | SR of UE Conformance - NR Multicast and Broadcast Services including CT and SA aspects | Huawei, Hisilicon | noted |  |  |
| R5-232936 | WP of UE Conformance - NR Multicast and Broadcast Services including CT and SA aspects | Huawei, Hisilicon | noted |  |  |
| R5-232937 | Update general configuration parameter for HD-FDD UE | Huawei, Hisilicon, MCC TF160 | revised |  | R5-233406 |
| R5-232938 | Update NR MAC TC 7.1.1.1.1-7.1.1.1.1a-7.1.1.1.8 for HD-FDD UE-PRACH | Huawei, Hisilicon, MCC TF160 | revised |  | R5-233407 |
| R5-232939 | Update NR MAC TC 7.1.1.1.2 and RRC TC 8.1.5.2.2 for HD-FDD UE-PRACH | Huawei, Hisilicon, MCC TF160 | revised |  | R5-233408 |
| R5-232940 | Addition of new RedCap TC 7.1.1.1.15-SI request | Huawei, Hisilicon | agreed |  |  |
| R5-232941 | Update URLLC TC 7.1.1.3.12 for HD-FDD UE-PUSCH repetition Type B | Huawei, Hisilicon, MCC TF160 | revised |  | R5-233409 |
| R5-232942 | Correction of NR TC 7.1.2.3.6-Polling for status | Huawei, Hisilicon, Datang LinkTester, CATT | revised |  | R5-233410 |
| R5-232943 | Addition of test applicablity for RedCap TC | Huawei, Hisilicon | agreed |  |  |
| R5-232944 | Addition of Procedure to check TMGI and associated MRB reception in a multicast MBS session | Huawei, Hisilicon | revised |  | R5-233382 |
| R5-232945 | Update PDCCH-Config for MSS condtion | Huawei, Hisilicon | revised |  | R5-233383 |
| R5-232946 | Delete NR-19 for MBS in the Common configurations of system information blocks | Huawei, Hisilicon | agreed |  |  |
| R5-232947 | Addition of PICS for MBS TC | Huawei, Hisilicon | agreed |  |  |
| R5-232948 | Correction of MBS Broadcast TCs 14.1.x | Huawei, Hisilicon | agreed |  |  |
| R5-232949 | Correction of MBS Multicast TC 14.2.4.1.x-group paging | Huawei, Hisilicon | agreed |  |  |
| R5-232950 | Addition of MBS Broadcast TC 14.1.1.2-becoming interested to receive MBS broadcast services | Huawei, Hisilicon | revised |  | R5-233384 |
| R5-232951 | Addition of MBS Broadcast TC 14.1.1.3-MCCH Information change notification | Huawei, Hisilicon | agreed |  |  |
| R5-232952 | Addition of MBS Broadcast TC 14.1.1.4-receiving SIB20 of an SCell via dedicated signalling | Huawei, Hisilicon | agreed |  |  |
| R5-232953 | Addition of MBS Multicast TC 14.2.1.1.2-DCI format 4\_2 | Huawei, Hisilicon | agreed |  |  |
| R5-232954 | Addition of MBS Multicast TC 14.2.1.1.6-DCI-based ACK-NACK HARQ feedback for Multicast | Huawei, Hisilicon | agreed |  |  |
| R5-232955 | Addition of MBS Multicast TC 14.2.1.1.9-DCI-based NACK-only HARQ feedback for Multicast | Huawei, Hisilicon | agreed |  |  |
| R5-232956 | Addition of MBS Multicast TC 14.2.1.2.2-DRX-PTM retransmission for multicast | Huawei, Hisilicon | agreed |  |  |
| R5-232957 | Addition of MBS Multicast TC 14.2.1.2.3-DRX-PTP retransmission for multicast | Huawei, Hisilicon | agreed |  |  |
| R5-232958 | Addition of MBS Multicast TC 14.2.4.3.1-Handover between multicast supporting cell | Huawei, Hisilicon | revised |  | R5-233385 |
| R5-232959 | Addition of MBS Multicast TC 14.2.4.3.2-Re-establishment | Huawei, Hisilicon | revised |  | R5-233386 |
| R5-232960 | Addition of MBS Multicast TC 14.2.4.3.3-Handover between Multicast-supporting cell and Multicast non-supporting cell | Huawei, Hisilicon | agreed |  |  |
| R5-232961 | Addition of MBS Multicast TC 14.2.5.1.1-Network-requested PDU session modification to remove UE from MBS session | Huawei, Hisilicon | revised |  | R5-233387 |
| R5-232962 | Addition of MBS Multicast TC 14.2.5.1.2-Network-requested PDU session modification to update MBS service area | Huawei, Hisilicon | revised |  | R5-233388 |
| R5-232963 | Addition of MBS Multicast TC 14.2.5.2.1-UE-requested to join MBS multicast session-accept | Huawei, Hisilicon | revised |  | R5-233389 |
| R5-232964 | Addition of test applicablity for MBS TC | Huawei, Hisilicon | revised |  | R5-233390 |
| R5-232965 | Add PICS for EPS UPIP | Huawei, Hisilicon | agreed |  |  |
| R5-232966 | Addition of UPIP TC 8.2.6.4.2-RRC re-establishment | Huawei, Hisilicon | revised |  | R5-233391 |
| R5-232967 | Addition of UPIP TC 8.2.6.4.3-HO | Huawei, Hisilicon | revised |  | R5-233392 |
| R5-232968 | Add test applicability for EPS UPIP TC | Huawei, Hisilicon | revised |  | R5-233393 |
| R5-232969 | Correction of SDT TC 7.1.1.13.5-cg-SDT-TATimer | Huawei, Hisilicon | agreed |  |  |
| R5-232970 | Update Service accept NAS message | Huawei, Hisilicon | agreed |  |  |
| R5-232971 | Update RadioBearerConfig-SRB2-DRB message | Huawei, Hisilicon | agreed |  |  |
| R5-232972 | Correction of NR TC 7.1.2.3.11-RLC re-establishment | Huawei, Hisilicon | agreed |  |  |
| R5-232973 | Correction of NR TC 10.1.8.1-NSAC | Huawei, Hisilicon, Datang LinkTester, CATT | revised |  | R5-233404 |
| R5-232974 | Correction of NR TC 10.1.8.2-NSAC | Huawei, Hisilicon, Datang LinkTester, CATT | revised |  | R5-233405 |
| R5-232975 | Correction of NR TC 11.3.10-UAC | Huawei, Hisilicon | revised |  | R5-233352 |
| R5-232976 | Introduction of TP analysis for A-MPR - New NR band n13 | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232977 | Adding UE additional maximum output power reduction for new NR band n13 | Nokia, Nokia Shanghai Bell | revised |  | R5-233524 |
| R5-232978 | Adding additional spectrum emission mask requirement for new NR band n13 | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232979 | Adding spurious emissions for UE co-existence for new NR band n13 | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232980 | Adding additional spurious emissions for new NR band n13 | Nokia, Nokia Shanghai Bell | agreed |  |  |
| R5-232981 | Correction to RedCap testcase 6.1.2.26 | ROHDE & SCHWARZ, Anritsu Ltd | agreed |  |  |
| R5-232982 | Correction to CSI RS based L1-RSRP measurement test 5.6.3.4 | Keysight Technologies UK Ltd | agreed |  |  |
| R5-232983 | MU discussion on FR2c | Anritsu | noted |  |  |
| R5-232984 | Definition of MU and requirements for FR2c | Anritsu | revised |  | R5-233635 |
| R5-232985 | Definition of MU for FR2c | Anritsu | withdrawn |  |  |
| R5-232986 | Analysis on improvement of relaxation in existing IFF test systems | Anritsu | noted |  |  |
| R5-232987 | Discussion on power settings in FR1 EVM including symbols with transient period | Anritsu, Apple Inc | revised |  | R5-233697 |
| R5-232988 | Correction to upper and lower limit of NS\_23 in 6.2.4 | Anritsu | agreed |  |  |
| R5-232989 | Correction to lower limit of NS\_05 in 6.2.4A.2\_1 | Anritsu | agreed |  |  |
| R5-232990 | Correction to frequency range for ssb-PositionsInBurst | Anritsu | withdrawn |  |  |
| R5-232991 | Correction to RRM PDCCH TCI-State | Anritsu | agreed |  |  |
| R5-232992 | Correction to RRM TRS CSI-ResourceConfig | Anritsu | agreed |  |  |
| R5-232993 | Correction to inter-band test frequencies exceptions in Rx CA test cases | Anritsu | agreed |  |  |
| R5-232994 | Correction to transmission power in 7.6.3 Out-of-band blocking | Anritsu | revised |  | R5-233722 |
| R5-232995 | Correction to K1 and PdschNumOfHarqProcess for DL CA | Anritsu | withdrawn |  |  |
| R5-232996 | Update of Annex D.2 for interference signals lower than 2700 MHz | Anritsu | agreed |  |  |
| R5-232997 | Addition of BW condition to 6.5D.2.3 A-SEM for UL MIMO | Anritsu | revised |  | R5-233542 |
| R5-232998 | Correction to test procedure in Minimum output power test cases | Anritsu | withdrawn |  |  |
| R5-232999 | Correction to F\_Interferer\_offset in ACS and In-band blocking test cases | Anritsu | withdrawn |  |  |
| R5-233000 | Addition of Annex Q.2 for Relative Phase Error Measurement | Anritsu | revised |  | R5-233723 |
| R5-233001 | Correction to reference of RMC for E-UTRA TDD in FR1 EN-DC test cases | Anritsu | agreed |  |  |
| R5-233002 | Correction to 6.2B.4.1.3 and editorial correction to Tx test cases | Anritsu | agreed |  |  |
| R5-233003 | Correction to test procedure in FR2 EN-DC Minimum output power test cases | Anritsu | withdrawn |  |  |
| R5-233004 | Update of Noc levels for n259 or PC2 | Anritsu | revised |  | R5-233602 |
| R5-233005 | Correction to Candidate CCEs in 5.5A.1.1 | Anritsu | agreed |  |  |
| R5-233006 | Correction to K1 settings in 5.5A.1.1 | Anritsu | agreed |  |  |
| R5-233007 | Correction to message exception in 6.2A.3.1.1 | Anritsu | agreed |  |  |
| R5-233008 | Correction to K1 settings in 6.2A.3.1.1 | Anritsu | agreed |  |  |
| R5-233009 | Correction to message exception in 6.2A.3.1.2 and 6.2A.3.1.3 | Anritsu | withdrawn |  |  |
| R5-233010 | Editorial correction to chapter 5 with move of 5.2.2.2.18 | Anritsu, Huawei, HiSilicon | revised |  | R5-233743 |
| R5-233011 | Correction to message exception in FR1 BWP Switching test cases | Anritsu | agreed |  |  |
| R5-233012 | Correction to ssb-ToMeasure setting in 5.6.1.1 and 5.6.1.3 | Anritsu | agreed |  |  |
| R5-233013 | Correction to CellGroupConfig in 5.5.6.2.1 | Anritsu | agreed |  |  |
| R5-233014 | Editorial correction to reference of AoA setup | Anritsu | revised |  | R5-233627 |
| R5-233015 | Correction to entries of FR2 RLM config in Annex H | Anritsu | agreed |  |  |
| R5-233016 | Removal of square brackets from test paramters of RedCap test cases | Anritsu | revised |  | R5-233744 |
| R5-233017 | Editorial correction to Annex B | Anritsu | revised |  | R5-233695 |
| R5-233018 | 2AoA Relative angular offset between active probes for PC1 devices | Keysight Technologies UK Ltd | not pursued |  |  |
| R5-233019 | Corrections to RRM HST 6.1.1.7 test case | Keysight Technologies UK Ltd | agreed |  |  |
| R5-233020 | Introduction of 6.5.1.9 power saving enhancement test case | Keysight Technologies UK Ltd | agreed |  |  |
| R5-233021 | Correction in A.3.1.1.2 and default message content | Keysight Technologies UK Ltd | revised |  | R5-233683 |
| R5-233022 | Correction to LTE TC 8.2.1.5 for CAT-M1 | Anritsu EMEA Ltd | agreed |  |  |
| R5-233023 | Removing redundant parameter setting from time mask testing | Huawei, HiSilicon | agreed |  |  |
| R5-233024 | Adding noise impact of PC1 minimum output power in Annex F | Huawei, HiSilicon | agreed |  |  |
| R5-233025 | Adding time delay to intra-band EN-DC test cases | Huawei, HiSilicon | agreed |  |  |
| R5-233026 | Clarification of spurious emsission testing configuration - Part 1 | Huawei, HiSilicon | revised |  | R5-233543 |
| R5-233027 | Clarification of spurious emsission testing configuration - Part 2 | Huawei, HiSilicon | revised |  | R5-233544 |
| R5-233028 | Clarification of spurious emsission testing configuration - Part 3 | Huawei, HiSilicon | revised |  | R5-233545 |
| R5-233029 | Clarification of spurious emsission testing configuration - LTE | Huawei, HiSilicon | revised |  | R5-233546 |
| R5-233030 | Update to test applicability and side condition of beam correspondence | Huawei, HiSilicon | revised |  | R5-233717 |
| R5-233031 | Adding PICS for enhanced beam correspondence | Huawei, HiSilicon | agreed |  |  |
| R5-233032 | Update to test applicability of beam correspondence | Huawei, HiSilicon | agreed |  |  |
| R5-233033 | Adding side condition of beam correspondence for PC7 | Huawei, HiSilicon | revised |  | R5-233554 |
| R5-233034 | Adding PICS of PC7 | Huawei, HiSilicon | agreed |  |  |
| R5-233035 | Update to test applicability of SUL test cases | Huawei, HiSilicon | revised |  | R5-233715 |
| R5-233036 | Correction of P-max in AMPR for CA | Huawei, HiSilicon, Keysight | agreed |  |  |
| R5-233037 | Adding PC2 intra-band contiguous testing to 6.5A.3.2.1 | Huawei, HiSilicon, Keysight | agreed |  |  |
| R5-233038 | Adding PICS for DL interruption | Huawei, HiSilicon, China Telecom | revised |  | R5-233502 |
| R5-233039 | Correction of TRS minimum requirement | Huawei, HiSilicon | revised |  | R5-233709 |
| R5-233040 | Update to TRP and TRS test applicability | Huawei, HiSilicon | approved |  |  |
| R5-233041 | Addition of test applicability of HST-SFN Scheme A and B | Huawei, HiSilicon | agreed |  |  |
| R5-233042 | Addition of 5.2.2.1.20 2Rx FDD HST-SFN Scheme A | Huawei, HiSilicon | revised |  | R5-233588 |
| R5-233043 | Addition of 5.2.2.1.21 2Rx FDD HST-SFN Scheme B | Huawei, HiSilicon | revised |  | R5-233589 |
| R5-233044 | Addition of 5.2.2.2.21 2Rx TDD HST-SFN Scheme A | Huawei, HiSilicon | revised |  | R5-233590 |
| R5-233045 | Addition of 5.2.2.2.22 2Rx TDD HST-SFN Scheme B | Huawei, HiSilicon | revised |  | R5-233591 |
| R5-233046 | Addition of 5.2.3.1.19 4Rx FDD HST-SFN Scheme A | Huawei, HiSilicon | revised |  | R5-233592 |
| R5-233047 | Addition of 5.2.3.1.20 4Rx FDD HST-SFN Scheme B | Huawei, HiSilicon | revised |  | R5-233593 |
| R5-233048 | Addition of 5.2.3.2.20 4Rx TDD HST-SFN Scheme A | Huawei, HiSilicon | revised |  | R5-233594 |
| R5-233049 | Addition of 5.2.3.2.21 4Rx TDD HST-SFN Scheme B | Huawei, HiSilicon | revised |  | R5-233595 |
| R5-233050 | Addition of RMC for HST-SFN scheme A and B | Huawei, HiSilicon | revised |  | R5-233596 |
| R5-233051 | Addition of propagation information of HST scheme A and B | Huawei, HiSilicon | agreed |  |  |
| R5-233052 | Addition of MU and TT for HST scheme A and B | Huawei, HiSilicon | revised |  | R5-233597 |
| R5-233053 | Addition of minimum test time for HST scheme A and B | Huawei, HiSilicon | revised |  | R5-233688 |
| R5-233054 | Addition of PICS for NR feMIMO test cases | Huawei, HiSilicon | agreed |  |  |
| R5-233055 | Addition of applicabiltiy for NR feMIMO test cases | Huawei, HiSilicon | revised |  | R5-233689 |
| R5-233056 | WF on creating Rel-18 basket Wis | Huawei, HiSilicon, China Telecom, CMCC, China Unicom, Nokia, ZTE, CATT, CAICT | revised |  | R5-233303 |
| R5-233057 | WP - Physical Layer Enhancements for NR Ultra-Reliable and Low Latency Communication | Huawei, HiSilicon | noted |  |  |
| R5-233058 | SR - Physical Layer Enhancements for NR Ultra-Reliable and Low Latency Communication | Huawei, HiSilicon | noted |  |  |
| R5-233059 | WP - Rel-17 RF requirements enhancement for NR frequency range 1 (FR1) | Huawei, HiSilicon | noted |  |  |
| R5-233060 | SR - Rel-17 RF requirements enhancement for NR frequency range 1 (FR1) | Huawei, HiSilicon | noted |  |  |
| R5-233061 | Addition of NR unlicensed test case 6.6.2.2 | Qualcomm Incorporated | withdrawn |  |  |
| R5-233062 | Discussion paper on IMS Data Channel test | Huawei, Hisilicon | noted |  |  |
| R5-233063 | New WID for IMS Data Channel test | Huawei, Hisilicon | revised |  | R5-233312 |
| R5-233064 | TS 38.523-1 Tracker status before RAN5-99 | Huawei, Hisilicon | noted |  |  |
| R5-233065 | TS 36.523-1 Tracker status before RAN5-99 | Huawei, Hisilicon | noted |  |  |
| R5-233066 | TS 38.523-1 Tracker status after RAN5-99 | Huawei, Hisilicon | noted |  |  |
| R5-233067 | TS 36.523-1 Tracker status after RAN5-99 | Huawei, Hisilicon | noted |  |  |
| R5-233068 | Addition of NR unlicensed test case 6.6.2.4 | Qualcomm Incorporated | withdrawn |  |  |
| R5-233069 | Applicability updates to NR unlicensed test cases | Qualcomm Incorporated | withdrawn |  |  |
| R5-233070 | Updates for NR RRC test case 8.1.5.1.1 for RedCap | MCC TF160 | agreed |  |  |
| R5-233071 | Updates for NR RRC test case 8.1.5.8.1 for RedCap | MCC TF160 | agreed |  |  |
| R5-233072 | Updates to MAC TC 7.1.1.5.3 | MCC TF160 | agreed |  |  |
| R5-233073 | Updates to MAC TC 7.1.3.3.1 | MCC TF160 | agreed |  |  |
| R5-233074 | Updates to RRC TC 8.1.1.1.2 | MCC TF160 | agreed |  |  |
| R5-233075 | Updates to RRC TCs 8.1.3.1.17 and 8.1.3.1.18 | MCC TF160 | revised |  | R5-233327 |
| R5-233076 | Updates to RRC TCs 8.2.2.4.1 and 8.2.2.5.1 | MCC TF160 | agreed |  |  |
| R5-233077 | Updates to RRC TCs 8.2.3.13.1 and 8.2.3.14.x | MCC TF160 | agreed |  |  |
| R5-233078 | Updates to RRC TCs 8.2.4.1.1.1 and 8.2.4.2.1.1 | MCC TF160 | agreed |  |  |
| R5-233079 | Applicability updates to NR unlicensed test cases | Qualcomm Incorporated | agreed |  |  |
| R5-233080 | Addition of NR unlicensed test case 6.6.2.2 | Qualcomm Incorporated | agreed |  |  |
| R5-233081 | Addition of NR unlicensed test case 6.6.2.4 | Qualcomm Incorporated | agreed |  |  |
| R5-233082 | Updating FR1 test case Additional spectrum emission mask for UL MIMO | Huawei, HiSilicon | revised |  | R5-233547 |
| R5-233083 | Updating test case UTRA ACLR for UL MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-233084 | Updating test case AMPR for UL MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-233085 | Updating test requirement of test case AMPR for UL MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-233086 | Updating PUCCH aggregated power tolerance test case for SUL and for MIMO | Huawei, HiSilicon, Rohde&Schwarz | revised |  | R5-233548 |
| R5-233087 | Updating MU values for NR FR1 Relative power tolerance for UL MIMO | Huawei, HiSilicon | revised |  | R5-233549 |
| R5-233088 | Correction to REFSENS exceptions testing for CA\_n7A-n78A | Huawei, HiSilicon | revised |  | R5-233525 |
| R5-233089 | Updating REFSENS exception test frequency selection for CA\_n7A-n78A | Huawei, HiSilicon | revised |  | R5-233526 |
| R5-233090 | Correction to NS\_04 test configuration for Additional spurious emissions for UL MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-233091 | Adding uplink CA test frequencies for CA\_n77(2A) | Huawei, HiSilicon | agreed |  |  |
| R5-233092 | Correction to test frequency description for intra-band UL non-contiguous CA | Huawei, HiSilicon | agreed |  |  |
| R5-233093 | Updating Transmit ON/OFF time mask for CA for intra-band non-contiguous CA | Huawei, HiSilicon | revised |  | R5-233515 |
| R5-233094 | Updating TP analysis for Transmit ON/OFF time mask for CA | Huawei, HiSilicon | agreed |  |  |
| R5-233095 | Discussion on handling of test frequencies for band n79 10MHz channel bandwidth | Huawei, HiSilicon, Keysight | revised |  | R5-233698 |
| R5-233096 | Updating lowest testing channel bandwidth for n79 | Huawei, HiSilicon | withdrawn |  |  |
| R5-233097 | Updating n79 test frequencies for 10MHz channel bandwidth | Huawei, HiSilicon | withdrawn |  |  |
| R5-233098 | Updating frequency calculation in Annex C.3.2 | Huawei, HiSilicon, Keysight | revised |  | R5-233700 |
| R5-233099 | Updating test frequency for n79 10MHz CBW with 30kHz SCS | Huawei, HiSilicon | withdrawn |  |  |
| R5-233100 | Updating test case AMPR for UL MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-233101 | Updating PUCCH configuration in Aggregate power tolerance for SUL with UL MIMO | Huawei, HiSilicon | agreed |  |  |
| R5-233102 | Updating MOP for PC2 configuration CA\_n78C | Huawei, HiSilicon | agreed |  |  |
| R5-233103 | Updating MPR for PC2 configuration CA\_n78C | Huawei, HiSilicon | agreed |  |  |
| R5-233104 | Revised WID on UE Conformance - Rel-17 NR CA and DC; and NR and LTE DC Configurations | Huawei, HiSilicon | revised |  | R5-233499 |
| R5-233105 | New WID on UE Conformance - Rel-17 Power Class 2 UE for NR inter-band CA/DC with or without SUL configurations with x (6>=x>2) bands DL and y (y=1, 2) bands UL | Huawei, HiSilicon | revised |  | R5-233311 |
| R5-233106 | New WID on UE Conformance - Rel-18 NR CA and DC; and NR and LTE DC Configurations | Huawei, HiSilicon, CMCC | revised |  | R5-233307 |
| R5-233107 | New WID on UE Conformance - New Rel-18 NR licensed bands and extension of existing NR bands | Huawei, HiSilicon, China Telecom | revised |  | R5-233308 |
| R5-233108 | WP of Rel-17 NR CA and DC; and NR and LTE DC Configurations | Huawei, Hisilicon | noted |  |  |
| R5-233109 | SR of Rel-17 NR CA and DC; and NR and LTE DC Configurations | Huawei, Hisilicon | noted |  |  |
| R5-233110 | WP of Additional NR bands for UL-MIMO in Rel-17 | Huawei, Hisilicon | noted |  |  |
| R5-233111 | SR of Additional NR bands for UL-MIMO in Rel-17 | Huawei, Hisilicon | noted |  |  |
| R5-233112 | WP of FR2 FWA UE with maximum TRP of 23dBm for band n257 and n258 | Huawei, Hisilicon | noted |  |  |
| R5-233113 | SR of FR2 FWA UE with maximum TRP of 23dBm for band n257 and n258 | Huawei, Hisilicon | noted |  |  |
| R5-233114 | WP of RF requirements for NR frequency range 1 | Huawei, HiSilicon | noted |  |  |
| R5-233115 | SR of RF requirements for NR frequency range 1 | Huawei, HiSilicon | noted |  |  |
| R5-233116 | Update to test case 8.2.2.5.1 | Ericsson | revised |  | R5-233330 |
| R5-233117 | Update to test case 8.2.2.5.2 | Ericsson | revised |  | R5-233331 |
| R5-233118 | Update to test case 8.2.2.5.3 | Ericsson | revised |  | R5-233332 |
| R5-233119 | Update to test case 8.2.2.6.1 | Ericsson | revised |  | R5-233333 |
| R5-233120 | Update to test case 8.2.2.7.1 | Ericsson | revised |  | R5-233334 |
| R5-233121 | Update to test case 8.2.2.7.2 | Ericsson | revised |  | R5-233335 |
| R5-233122 | Update to test case 8.2.2.7.3 | Ericsson | withdrawn |  |  |
| R5-233123 | Update to test case 8.2.2.8.1 | Ericsson | revised |  | R5-233336 |
| R5-233124 | Update to test case 8.2.2.8.2 | Ericsson | revised |  | R5-233337 |
| R5-233125 | Update to test case 8.2.2.8.3 | Ericsson | revised |  | R5-233338 |
| R5-233126 | Update to test case 8.2.2.9.1 | Ericsson | revised |  | R5-233339 |
| R5-233127 | Update to test case 8.2.2.9.2 | Ericsson | revised |  | R5-233340 |
| R5-233128 | Update to test case 8.2.2.9.3 | Ericsson | revised |  | R5-233341 |
| R5-233129 | Update to test case 8.2.3.13.1 | Ericsson | revised |  | R5-233342 |
| R5-233130 | Update to test case 8.2.3.13.2 | Ericsson | revised |  | R5-233343 |
| R5-233131 | Update to test case 8.2.3.14.1 | Ericsson | revised |  | R5-233344 |
| R5-233132 | Update to test case 8.2.3.14.2 | Ericsson | revised |  | R5-233345 |
| R5-233133 | Update to test case 8.2.3.14.3 | Ericsson | revised |  | R5-233346 |
| R5-233134 | Correction in RRM TC 4.5.2.5 TC Procedure | Rohde & Schwarz | agreed |  |  |
| R5-233135 | Correction to RF or RRM condition for default messages | Rohde & Schwarz | agreed |  |  |
| R5-233136 | Removal of duplicated table in A.1.4.2-3 | Rohde & Schwarz | agreed |  |  |
| R5-233137 | Core spec alignment for TC 5.5.1.7 | Rohde & Schwarz | agreed |  |  |
| R5-233138 | Core spec alignment for antenna configuration for 4.5.3 TCs | Rohde & Schwarz | revised |  | R5-233729 |
| R5-233139 | Core spec alignment for antenna configuration for 6.5.3 TCs | Rohde & Schwarz | revised |  | R5-233730 |
| R5-233140 | PDCCH Config correction for FR2 beam failure detection and link recovery TCs | Rohde & Schwarz | agreed |  |  |
| R5-233141 | T3 correction of SSB\_RP for TC 5.5.5.1 | Rohde & Schwarz | revised |  | R5-233626 |
| R5-233142 | Update to test procedure for registration of a MUSIM UE | Qualcomm Incorporated | agreed |  |  |
| R5-233143 | Update to NR MUSIM test case 9.1.5.1.16 | Qualcomm Incorporated | agreed |  |  |
| R5-233144 | Update to NR MUSIM test case 9.1.7.4 | Qualcomm Incorporated | agreed |  |  |
| R5-233145 | Update to NR MUSIM test case 9.1.7.3 | Qualcomm Incorporated, ROHDE & SCHWARZ | agreed |  |  |
| R5-233146 | Correction of multi layer test case 11.1.5 | Qualcomm Incorporated | agreed |  |  |
| R5-233147 | Correction of emergency services test case 11.4.11 | Qualcomm Incorporated | agreed |  |  |
| R5-233148 | Update to EIEI test case 11.3.2 | Qualcomm Incorporated, MCC TF160 | agreed |  |  |
| R5-233149 | Correction in A.12.1.1 test | Keysight Technologies UK Ltd | withdrawn |  |  |
| R5-233150 | Update to EIEI test case 11.3.1 | Qualcomm Incorporated, MCC TF160 | agreed |  |  |
| R5-233151 | Correction in A.12.1.1 test scenario | Keysight Technologies UK Ltd | revised |  | R5-233684 |
| R5-233152 | Correction to generic procedure of EIEI test cases with ecall only support | Qualcomm Incorporated | agreed |  |  |
| R5-233153 | Update to test case 7.21 | Qualcomm Incorporated | withdrawn |  | - |
| R5-233154 | Update to test case 10.14 | Qualcomm Incorporated | withdrawn |  |  |
| R5-233155 | Update to NBIOT NTN test case 22.3.1.5a | Qualcomm Incorporated | withdrawn |  |  |
| R5-233156 | Addition of system information combination for NBIOT GSO NTN | Qualcomm Incorporated | revised |  | R5-233365 |
| R5-233157 | Update 7.3B.3.3.1 for R16 DC combos | Qualcomm India Pvt Ltd | agreed |  |  |
| R5-233158 | Update General SE for NTN | Qualcomm Europe Inc. Sweden | approved | - |  |
| R5-233159 | Update 38.522 for 6.2.1 and 6.2G.1 | Qualcomm India Pvt Ltd | withdrawn |  |  |
| R5-233160 | Update to NBIOT NTN multi-TAC test case 22.2.13 | Qualcomm Incorporated | revised |  | R5-233367 |
| R5-233161 | Applicability of legacy NB-IOT testcases to NTN GSO capable UE | Qualcomm Incorporated | revised |  | R5-233477 |
| R5-233162 | Correction to the applicability of TC 8.1.7.1.1 | Qualcomm CDMA Technologies | withdrawn |  |  |
| R5-233163 | Addition of new RRC TC for NR NTN | Qualcomm CDMA Technologies | withdrawn |  |  |
| R5-233164 | Addition of applicability for NR NTN test case | Qualcomm CDMA Technologies | withdrawn |  |  |
| R5-233165 | Update of UE category in test case 7.4 | ROHDE & SCHWARZ | agreed |  |  |
| R5-233166 | Correction for CA\_n66A-n71A | ROHDE & SCHWARZ | revised |  | R5-233532 |
| R5-233167 | Correction of test point analysis for CA\_n66A-n71A | ROHDE & SCHWARZ | revised |  | R5-233530 |
| R5-233168 | Addition of Additional Spurious Emissions FR2 CA test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-233169 | Update of Additional Spurious Emissions CA test cases | ROHDE & SCHWARZ | revised |  | R5-233527 |
| R5-233170 | Update of Additional MPR CA test cases | ROHDE & SCHWARZ | revised |  | R5-233562 |
| R5-233171 | Addition of Test Point Analysis for CA\_NS\_202 | ROHDE & SCHWARZ | agreed |  |  |
| R5-233172 | Editorial correction in clause 5.5A.3.2 | ROHDE & SCHWARZ | withdrawn |  |  |
| R5-233173 | Correction of ON/OFF time mask for Tx Diversity | ROHDE & SCHWARZ | revised |  | R5-233540 |
| R5-233174 | On the MU for n259 | ROHDE & SCHWARZ | noted |  |  |
| R5-233175 | Update of in-band blocking for CA test cases | ROHDE & SCHWARZ | agreed |  |  |
| R5-233176 | Update of applicability for FR2 CA test cases | ROHDE & SCHWARZ | revised |  | R5-233727 |
| R5-233177 | Update applicability for in-band blocking FR2 CA test cases | ROHDE & SCHWARZ | revised |  | R5-233778 |
| R5-233178 | PRD-17 on Guidance to Work Item Codes (post RAN#100 version) | Bureau Veritas ADT (Rapporteur) | reserved |  |  |
| R5-233179 | RAN5#99 summary of changes to RAN5 test cases with potential impact on GCF and PTCRB | Bureau Veritas ADT | reserved |  |  |
| R5-233180 | Correction to applicability of 5G test cases | Bureau Veritas ADT, SGS Wireless, Sporton, TTA | revised |  | R5-233728 |
| R5-233181 | Update to handle the test case applicability with different branches | Bureau Veritas ADT, CMCC, Sporton | revised |  | R5-233685 |
| R5-233182 | Update to R15 Configuration for DC | Bureau Veritas ADT, KDDI | agreed |  |  |
| R5-233183 | Update to R16 Configuration for DC | Bureau Veritas ADT, KDDI | agreed |  |  |
| R5-233184 | Update to R17 Configuration for DC | Bureau Veritas ADT | withdrawn |  |  |
| R5-233185 | Update to applicability of UAC TC11.3.1a | Bureau Veritas ADT, CATT | agreed |  |  |
| R5-233186 | Correction to clauses using void table 5.5A.3-x | Bureau Veritas ADT | agreed |  |  |
| R5-233187 | Editorial correction to table ID reference in Table A.4.5-1 | Bureau Veritas ADT | agreed |  |  |
| R5-233188 | Editorial correction to Table A.4.3.2A.2.1-4 | Bureau Veritas ADT | agreed |  |  |
| R5-233189 | Additional support value to maxNumberSRS-Ports-PerResource element | Bureau Veritas ADT | agreed |  |  |
| R5-233190 | Additional editors note to Power Boost relevant test cases | Bureau Veritas ADT | agreed |  |  |
| R5-233191 | Update to connection diagram of Spurious Emissions test cases | Bureau Veritas ADT, Qualcomm | withdrawn |  |  |
| R5-233192 | Update to connection diagram of Spurious Emissions with Power Boost test cases | Bureau Veritas ADT, Qualcomm | withdrawn |  |  |
| R5-233193 | Editorial correction to TC6.2.3 configuration table for NS\_06 | Bureau Veritas ADT | agreed |  |  |
| R5-233194 | Editorial correction to specific ICS of test case 8.1.5.9.1 | Bureau Veritas ADT, CATT | agreed |  |  |
| R5-233195 | Corrections to Test frequencies for NR CA configurations for signalling testing | Qualcomm CDMA Technologies | agreed |  |  |
| R5-233196 | WP UE Conformance Test Aspects - Rel-17 NR small data transmissions in INACTIVE state | Qualcomm CDMA Technologies | noted |  |  |
| R5-233197 | SR UE Conformance Test Aspects - Rel-17 NR small data transmissions in INACTIVE state | Qualcomm CDMA Technologies | noted |  |  |
| R5-233198 | WP UE Conformance Test Aspects - Rel-17 Support of Uncrewed Aerial Systems | Qualcomm CDMA Technologies | noted |  |  |
| R5-233199 | SR UE Conformance Test Aspects - Rel-17 Support of Uncrewed Aerial Systems | Qualcomm CDMA Technologies | noted |  |  |
| R5-233200 | Discussion – Software Implementation of NR Applicability Specifications | Qualcomm CDMA Technologies | noted |  |  |
| R5-233201 | Discussion to add coverage for TEI16 feature - Redirection with MPS Indication | Qualcomm CDMA Technologies | noted |  |  |
| R5-233202 | Addition of PICS for UE support of Uncrewed Aerial Systems | Qualcomm CDMA Technologies | agreed |  |  |
| R5-233203 | Rel-15 5GS maintenance SIG WP (NR-SA and ENDC) | Qualcomm CDMA Technologies | reserved |  |  |
| R5-233204 | 3GPP RAN5 PRD20 v1.3.0 Correction to subclause number in Section 6.2 and 6.3 | ZTE Corporation | approved |  |  |
| R5-233205 | Discussion on simplification for inter-band 2UL co-existence test | ZTE Corporation | noted |  |  |
| R5-233206 | Addition to the abbreviations on RedCap for FR2 UE | ZTE Corporation | agreed |  |  |
| R5-233207 | Corrections on blocking characteristics requirements for V2X | ZTE Corporation | agreed |  |  |
| R5-233208 | Corrections on general sections for RF performance requirements | ZTE Corporation, Anritsu | revised |  | R5-233601 |
| R5-233209 | Corrections on higher power class indication for EN-DC configuration | ZTE Corporation | revised |  | R5-233577 |
| R5-233210 | Corrections on intermodulation characteristics requirements for V2X | ZTE Corporation | agreed |  |  |
| R5-233211 | Corrections on NR V2X reference sensitivity test requirements | ZTE Corporation | agreed |  |  |
| R5-233212 | Corrections on NR V2X spurious response requirements | ZTE Corporation | agreed |  |  |
| R5-233213 | Corrections on supported channel bandwidths for SUL configurations | ZTE Corporation | revised |  | R5-233536 |
| R5-233214 | Corrections on test parameters for adjacent channel selectivity for FR2 | ZTE Corporation, Anritsu | revised |  | R5-233578 |
| R5-233215 | Corrections on test parameters for blocking characteristics for FR2 | ZTE Corporation | revised |  | R5-233579 |
| R5-233216 | Corrections on test requirements for MSD due to dual uplink for EN-DC | ZTE Corporation | revised |  | R5-233576 |
| R5-233217 | Corrections on the applicability of demodulation performance requirements | ZTE Corporation | revised |  | R5-233603 |
| R5-233218 | Corrections on the minimum guardband calculation for FR1 | ZTE Corporation | agreed |  |  |
| R5-233219 | Corrections on the minimum guardband calculation for FR2 | ZTE Corporation | agreed |  |  |
| R5-233220 | Discussion on lower humidity limit of test environment in RAN5 | ZTE Corporation, Samsung R&D Institute UK | noted |  |  |
| R5-233221 | Updates to Initial Conditions for Conducted Mode Fading Tests | Qualcomm Europe Inc. Sweden | agreed |  |  |
| R5-233222 | Testability issue in FR2 Relative Power Control test case | Ericsson India Private Limited | revised |  | R5-233701 |
| R5-233223 | Update to test case 6.3.4.3 Relative power tolerance | Ericsson | withdrawn |  |  |
| R5-233224 | Update to RedCap PDSCH test cases | Qualcomm Europe Inc. Sweden | withdrawn |  |  |
| R5-233225 | FR2 Spectrum Emission Mask test procedure update | Keysight Technologies UK Ltd, Apple | agreed |  |  |
| R5-233226 | Frequency Doppler in NR NTN communications | Keysight Technologies UK Ltd | revised |  | R5-233758 |
| R5-233227 | Delays in NR NTN communications | Keysight Technologies UK Ltd | noted |  |  |
| R5-233228 | Frequency Doppler in IoT NTN communications | Keysight Technologies UK Ltd | revised |  | R5-233759 |
| R5-233229 | Delays in IoT NTN communications | Keysight Technologies UK Ltd | revised |  | R5-233757 |
| R5-233230 | Updates for IoT NTN | Keysight Technologies UK Ltd | withdrawn |  |  |
| R5-233231 | NR NTN discussion on satellite type coverage in testing | Keysight Technologies UK Ltd | noted |  |  |
| R5-233232 | IoT NTN discussion on satellite type coverage in testing | Keysight Technologies UK Ltd | noted |  |  |
| R5-233233 | RC MU Analysis for NR FR1 TRP-TRS Enhancement | Bluetest AB | revised |  | R5-233679 |
| R5-233234 | Draft TS 38.551 v0.2.0 | Apple Electronics | approved |  |  |
| R5-233235 | Clarification of UL Tx Switching in EN-DC RF test case | Apple Inc | revised |  | R5-233738 |
| R5-233236 | Clarification of UL Tx Switching in SA RF test case | Apple Inc | agreed |  |  |
| R5-233237 | SR - UE Conformance - Introduction of UE TRP (Total Radiated Power) and TRS (Total Radiated Sensitivity) requirements and test methodologies for FR1 (NR SA and EN-DC) | Apple Inc | noted |  |  |
| R5-233238 | WP - UE Conformance - Introduction of UE TRP (Total Radiated Power) and TRS (Total Radiated Sensitivity) requirements and test methodologies for FR1 (NR SA and EN-DC) | Apple Inc | noted |  |  |
| R5-233239 | SR - UE Conformance Aspects - NR RRM enhancements | Apple Inc | noted |  |  |
| R5-233240 | WP - UE Conformance Aspects - NR RRM enhancements | Apple Inc | noted |  |  |
| R5-233241 | Draft TS 38.561 v0.3.0 | Apple Inc | for email approval |  |  |
| R5-233242 | Clarification of test parameters for FR1 TRP TRS testing | Apple Inc | approved |  |  |
| R5-233243 | Introduction of SA FR1 Talk Mode TRP TC 6.2.1.2.1 | Apple Inc | approved |  |  |
| R5-233244 | Introduction of SA FR1 Talk Mode TRS TC 7.2.1.2.1 | Apple Inc | approved |  |  |
| R5-233245 | Update of SA FR1 Browsing Mode TRP TC 6.2.1.1.1 | Apple Inc | approved |  |  |
| R5-233246 | Update of SA FR1 Browsing Mode TRS TC 7.2.1.1.1 | Apple Inc | approved |  |  |
| R5-233247 | Updates to NTN TC 6.3.3 on Tx on-off time mask | Apple Inc | revised |  | R5-233571 |
| R5-233248 | Updates to NTN TC 6.5.2.2 on Spectrum emission mask | Apple Inc | revised |  | R5-233572 |
| R5-233249 | Updates to NTN TC 6.5.2.4 on ACLR | Apple Inc | revised |  | R5-233573 |
| R5-233250 | Addition of applicability for FR2 RF phase continuity test | Apple Inc | revised |  | R5-233687 |
| R5-233251 | Addition of new FR1 phase continuity test | Apple Inc | revised |  | R5-233537 |
| R5-233252 | Update to FR2 RF phase continuity test | Apple Inc | revised |  | R5-233551 |
| R5-233253 | Applicability updates to FR2 RF tests | Apple Inc | agreed |  |  |
| R5-233254 | Updates to FR2 RF test case 6.2.5 for EIRP with UL-Gaps | Apple Inc | revised |  | R5-233716 |
| R5-233255 | Update of EIRP with UL-Gaps test for EN-DC with FR2 | Apple Inc | withdrawn |  |  |
| R5-233256 | TP Analysis for FR2 RF test case involving EIRP with UL-Gaps | Apple Inc | agreed |  |  |
| R5-233257 | Update to TS 38.508-1 clause 4.6.3-200BB for FR2 UL Gaps IE | Apple Inc | revised |  | R5-233675 |
| R5-233258 | On FR2 RF Enhanced Test Methods work plan updates | Apple Inc | revised |  | R5-233550 |
| R5-233259 | Work Plan for Rel17 FR2 RF Enhanced Test Methods | Apple Inc | revised |  | R5-233733 |
| R5-233260 | Updates to FR2 CA Refsens tests | Apple Inc | revised |  | R5-233560 |
| R5-233261 | Updates to FR2 CA EIS Sph Cov tests | Apple Inc | revised |  | R5-233559 |
| R5-233262 | Updates to FR2 CA Max Input Level tests | Apple Inc | revised |  | R5-233561 |
| R5-233263 | Discussion paper on Rel16 FR2 RF CA tests | Apple Inc | withdrawn |  |  |
| R5-233264 | Applicability update for FR2 TCI state switch tests | Qualcomm France | revised |  | R5-233693 |
| R5-233265 | Update to FR1 CG-SDT test case | Qualcomm France | revised |  | R5-233739 |
| R5-233266 | Correction for multi-TRP test case 7.5.5.9 | Qualcomm France | revised |  | R5-233741 |
| R5-233267 | Update to L2N latency test cases | Qualcomm France | revised |  | R5-233742 |
| R5-233268 | Correction to reportQuantity value for 1Tx URLLC CQI test cases | Qualcomm Europe Inc. Sweden | revised |  | R5-233770 |
| R5-233269 | Correction of 38.508-1 4.1.1 on lower humidity limit in temperature test environment | Samsung R&D Institute UK, ZTE Corporation | revised |  | R5-233500 |
| R5-233270 | Correction of 36.508 4.1.1 on lower humidity limit in temperature test environment | Samsung R&D Institute UK, ZTE Corporation | withdrawn |  | - |
| R5-233271 | Correction to the applicability of TC 8.1.7.1.1 | Qualcomm Korea | withdrawn |  | - |
| R5-233272 | Correction of 36.508 4.1.1 on lower humidity limit in temperature test environment | Samsung R&D Institute UK, ZTE Corporation | revised | - | R5-233763 |
| R5-233273 | Update of MUSIM test case 9.2.1.1.33 | TDIA, CATT | revised | - | R5-233487 |
| R5-233274 | Add new test case 13.6.2 Inter-system mobility between untrusted Non-3GPP and 3GPP system/Handover from ePDG/EPC to E-UTRAN/EPC | China Telecom | revised | - | R5-233316 |
| R5-233275 | Update 5GMM Emergency Service test case 11.4.13 | ZTE Corporation | revised | - | R5-233354 |
| R5-233276 | WP UE Conformance – UE power saving enhancements for NR | MediaTek Inc. | noted | - | - |
| R5-233277 | SR UE Conformance – UE power saving enhancements for NR | MediaTek Inc. | noted | - | - |
| R5-233278 | Addition of new RRC test case for Logging and reporting of on-Demand SI | Lenovo | agreed | - | - |
| R5-233279 | Addition of new RRC test case for Logging and reporting of 2-step RACH report | Lenovo | agreed | - | - |
| R5-233280 | Addition of new RRC test case for Logging and reporting fallback to 4-step RA | Lenovo | agreed | - | - |
| R5-233281 | Addition of applicability of new RRC test cases Enhancement of data collection for SON/MDT in NR standalone | Lenovo | revised | - | R5-233381 |
| R5-233282 | Update NR 2 step RACH test case 7.1.1.1.7 | ZTE Corporation | agreed | - | - |
| R5-233283 | Update NR 2 step RACH test case 7.1.1.1.8 | ZTE Corporation | revised | - | R5-233325 |
| R5-233284 | Addition of new NR 2 step RACH test case 7.1.1.1.19 | ZTE Corporation | withdrawn | - | - |
| R5-233285 | Addition of new NR 2 step RACH test case 7.1.1.1.20 | ZTE Corporation | withdrawn | - | - |
| R5-233286 | Discussion for new test case for 6.1.2 Inter frequency cell reselection | Samsung | noted | - | - |
| R5-233287 | CR for applicability for new test case 6.1.2 Inter frequency cell reselection | Samsung | not pursued | - | - |
| R5-233288 | Update of RRM Test Case 5.5.3.1 EN-DC FR2 SCell activation and deactivation intra-band in non-DRX | Sporton | revised | - | R5-233628 |
| R5-233289 | Update of test case 8.1.5.9.2 | MediaTek Inc | agreed | - | - |
| R5-233290 | Test case title correction for 8.5.5.2 | MediaTek Inc | agreed | - | - |
| R5-233291 | Correction to the applicability of TC 8.1.7.1.1 | Qualcomm Korea | agreed | - | - |
| R5-233292 | NTN UE test cases methodology and configuration for SAN NTN assistance information parameters | THALES | revised | - | R5-233565 |
| R5-233293 | Addition of generic Functional Alias Generic Procedures | NIST | agreed | - | - |
| R5-233294 | Updates to SDP Message from the SS for MCData | NIST | agreed | R5-232602 | - |
| R5-233295 | Correction to NR SA SIG TC 8.1.5.1.1 UE capability transfer | Huawei, HiSilicon | agreed | - | - |
| R5-233296 | Removal of mandatory status of GEA2 | Vodafone GmbH, Mediatek | revised | - | R5-233450 |
| R5-233297 | Correction to FR2 BFD and LR | Anritsu | revised | - | R5-233666 |
| R5-233298 | Addition of NR SA FR2 BFD and LR TT for RedCap | Anritsu, Huawei, HiSilicon | agreed | - | - |
| R5-233299 | Addition of TT analysis for NR SA FR2 BFD and BFR for RedCap | Anritsu, Huawei, HiSilicon | agreed | - | - |
| R5-233300 | Correction of test case 19.3.1 | MCC TF160 | agreed | - | - |
| R5-233301 | RAN5#98 WG Minutes | ETSI Secretariat | approved | R5-232025 | - |
| R5-233302 | MCC TF160 Status Report | MCC TF160 | approved | R5-232190 | - |
| R5-233303 | WF on creating Rel-18 basket Wis | Huawei, HiSilicon, China Telecom, CMCC, China Unicom, Nokia, ZTE, CATT, CAICT | noted | R5-233056 | - |
| R5-233304 | New WID on UE Conformance - High-power UE operation for fixed-wireless/vehicle-mounted use cases in LTE bands and NR bands | Nokia, Nokia Shanghai Bell | agreed | R5-232261 | - |
| R5-233305 | New WID on UE Conformance - High power UE (power class 2) for NR FR1 FDD single band | China Unicom | agreed | R5-232299 | - |
| R5-233306 | New WID on UE Conformance - High power UE (power class 1.5) for NR FR1 TDD single band | CMCC, Huawei, HiSilicon | agreed | R5-232826 | - |
| R5-233307 | New WID on UE Conformance - Rel-18 NR CA and DC; and NR and LTE DC Configurations | Huawei, HiSilicon, CMCC | agreed | R5-233106 | - |
| R5-233308 | New WID on UE Conformance - New Rel-18 NR licensed bands and extension of existing NR bands | Huawei, HiSilicon, China Telecom | agreed | R5-233107 | - |
| R5-233309 | New WID on UE Conformance - Rel-18 High Power UE for NR CA and DC; and NR and LTE DC Configurations | China Telecom | agreed | R5-232415 | - |
| R5-233310 | New WID on UE Conformance - IMS voice service support and network usability guarantee for UE’s E-UTRA capability disabled scenario in 5GS | China Telecom | agreed | R5-232335 | - |
| R5-233311 | New WID on UE Conformance - Rel-17 Power Class 2 UE for NR inter-band CA/DC with or without SUL configurations with x (6>=x>2) bands DL and y (y=1, 2) bands UL | Huawei, HiSilicon | agreed | R5-233105 | - |
| R5-233312 | New WID for IMS Data Channel test | Huawei, Hisilicon | agreed | R5-233063 | - |
| R5-233313 | Update of NR TC 6.1.2.3-Cell selection | Huawei, Hisilicon | revised | - | R5-233464 |
| R5-233314 | Correction to MAC eDRX TC 7.1.6.x | MediaTek Inc. | agreed | R5-232077 | - |
| R5-233315 | Correction to RRC downlink segmentation test case 8.5.5.2 | MediaTek Inc. | agreed | R5-232906 | - |
| R5-233316 | Add new test case 13.6.2 Inter-system mobility between untrusted Non-3GPP and 3GPP system/Handover from ePDG/EPC to E-UTRAN/EPC | China Telecom | agreed | R5-233274 | - |
| R5-233317 | Correction to introduce search space configuration changes for DCI\_2-6 transmission | Keysight Technologies UK | agreed | R5-232639 | - |
| R5-233318 | Proposing 2 new test cases for closed WI NR 2-step RACH | ZTE Corporation | noted | R5-232298 | - |
| R5-233319 | Discussion to add coverage for the TEI15 feature - "intraFreqReselection” field in MIB message is set to "not allowed" | Qualcomm CDMA Technologies | noted | R5-232687 | - |
| R5-233320 | Addition of PICS for support of mpsPriorityIndication on RRC release with redirect | Qualcomm CDMA Technologies | agreed | R5-232684 | - |
| R5-233321 | Correction to CAG TC 6.5.2.2 | MediaTek Inc. | agreed | R5-232061 | - |
| R5-233322 | Correction to NR SA SIG TC 6.1.2.2 Squal based | Huawei, HiSilicon | agreed | R5-232509 | - |
| R5-233323 | Addition of FR2 cell power levels for SNPN test cases | Keysight Technologies UK | agreed | R5-232645 | - |
| R5-233324 | Correction to NR MAC test cases 7.1.1.7.1.x | Keysight Technologies UK, Qualcomm | agreed | R5-232640 | - |
| R5-233325 | Update NR 2 step RACH test case 7.1.1.1.8 | ZTE Corporation | agreed | R5-233283 | - |
| R5-233326 | Addition of new NR 2 step RACH test case 7.1.1.1.9a | ZTE Corporation | agreed | - | - |
| R5-233327 | Updates to RRC TCs 8.1.3.1.17 and 8.1.3.1.18 | MCC TF160 | agreed | R5-233075 | - |
| R5-233328 | Addition of new NR 2 step RACH test case 7.1.1.1.10a | ZTE Corporation | agreed | - | - |
| R5-233329 | Update NE-DC RRC Radio Bearer test case 8.2.2.7.3 | ZTE Corporation, Ericsson | agreed | R5-232280 | - |
| R5-233330 | Update to test case 8.2.2.5.1 | Ericsson | agreed | R5-233116 | - |
| R5-233331 | Update to test case 8.2.2.5.2 | Ericsson | agreed | R5-233117 | - |
| R5-233332 | Update to test case 8.2.2.5.3 | Ericsson | agreed | R5-233118 | - |
| R5-233333 | Update to test case 8.2.2.6.1 | Ericsson | agreed | R5-233119 | - |
| R5-233334 | Update to test case 8.2.2.7.1 | Ericsson | agreed | R5-233120 | - |
| R5-233335 | Update to test case 8.2.2.7.2 | Ericsson | agreed | R5-233121 | - |
| R5-233336 | Update to test case 8.2.2.8.1 | Ericsson | agreed | R5-233123 | - |
| R5-233337 | Update to test case 8.2.2.8.2 | Ericsson | agreed | R5-233124 | - |
| R5-233338 | Update to test case 8.2.2.8.3 | Ericsson | agreed | R5-233125 | - |
| R5-233339 | Update to test case 8.2.2.9.1 | Ericsson | agreed | R5-233126 | - |
| R5-233340 | Update to test case 8.2.2.9.2 | Ericsson | agreed | R5-233127 | - |
| R5-233341 | Update to test case 8.2.2.9.3 | Ericsson | agreed | R5-233128 | - |
| R5-233342 | Update to test case 8.2.3.13.1 | Ericsson | agreed | R5-233129 | - |
| R5-233343 | Update to test case 8.2.3.13.2 | Ericsson | agreed | R5-233130 | - |
| R5-233344 | Update to test case 8.2.3.14.1 | Ericsson | agreed | R5-233131 | - |
| R5-233345 | Update to test case 8.2.3.14.2 | Ericsson | agreed | R5-233132 | - |
| R5-233346 | Update to test case 8.2.3.14.3 | Ericsson | agreed | R5-233133 | - |
| R5-233347 | Correction to 5GC TC 9.1.1.2 | MediaTek Inc. | agreed | R5-232068 | - |
| R5-233348 | Correction to MICO TC 9.1.5.1.4 | MediaTek Inc. | agreed | R5-232069 | - |
| R5-233349 | Correction to 5GC TC 9.3.1.3 | MediaTek Inc. | agreed | R5-232074 | - |
| R5-233350 | Correction to UAC TC 11.3.10 | MediaTek Inc. | agreed | R5-232075 | - |
| R5-233351 | Corrections to SNPN TC 11.3.9a | Qualcomm CDMA Technologies, Anritsu Ltd | agreed | R5-232686 | - |
| R5-233352 | Correction of NR TC 11.3.10-UAC | Huawei, Hisilicon | withdrawn | R5-232975 | - |
| R5-233353 | Correction to emergency service TC 11.4.12 | MediaTek Inc. | agreed | R5-232076 | - |
| R5-233354 | Update 5GMM Emergency Service test case 11.4.13 | ZTE Corporation | agreed | R5-233275 | - |
| R5-233355 | Addition of inter-system mobility test case 11.8.1 | ZTE Corporation | agreed | R5-232293 | - |
| R5-233356 | Addition of inter-system mobility test case 11.8.3 | ZTE Corporation | agreed | R5-232294 | - |
| R5-233357 | Add applicabilities for new inter-system mobility test cases | ZTE Corporation | agreed | R5-232296 | - |
| R5-233358 | Correction to NR RRC TC 8.1.1.3.7a | MediaTek Inc., Keysight, Rohde&Schwarz | agreed | R5-232066 | - |
| R5-233359 | Update test case 8.2.5.7.1 | Ericsson | agreed | R5-232592 | - |
| R5-233360 | Update test case 8.2.5.7.2 | Ericsson | agreed | R5-232593 | - |
| R5-233361 | Response LS on Non-Support of Ciphering Algorithm GEA2 | GCF SG | approved | - | - |
| R5-233362 | Addition of new test case 7.1.3.6.8 for PDCP UDC | CATT | agreed | R5-232267 | - |
| R5-233363 | Addition of new test case 7.1.3.6.9 for PDCP UDC | CATT | agreed | R5-232268 | - |
| R5-233364 | Correction to NAS Test Case to enable IoT NTN test | MediaTek Inc. | withdrawn | R5-232543 | - |
| R5-233365 | Addition of system information combination for NBIOT GSO NTN | Qualcomm Incorporated | agreed | R5-233156 | - |
| R5-233366 | Update of applicability for IoT NTN | MediaTek Inc. | agreed | R5-232545 | - |
| R5-233367 | Update to NBIOT NTN multi-TAC test case 22.2.13 | Qualcomm Incorporated | agreed | R5-233160 | - |
| R5-233368 | PRD21 CDS: CA\_n41A-n66A-n71A, BCS0, no UL CA, PC3. | Ericsson | noted | - | - |
| R5-233369 | Addition of new clause for UE Position Requirements for NR NTN testing | Qualcomm CDMA Technologies | agreed | R5-232694 | - |
| R5-233370 | Remove test case 7.4 | Ericsson | agreed | R5-232106 | - |
| R5-233371 | Remove test case 7.6 | Ericsson | agreed | R5-232151 | - |
| R5-233372 | Correction of test cases 8.34, 8.35 and 8.36 | MCC TF160, Qualcomm Incorporated, Ericsson | agreed | R5-232213 | - |
| R5-233373 | Updates to test case 8.6 | Ericsson | agreed | R5-232763 | - |
| R5-233374 | Remove test case 7.4 | Ericsson | agreed | R5-232388 | - |
| R5-233375 | Remove test case 7.6 | Ericsson | agreed | R5-232389 | - |
| R5-233376 | Update to Annex A.2.9 | Qualcomm Incorporated | agreed | - | - |
| R5-233377 | Update of test case 8.1.6.1.2.15 for SON\_MDT | CMCC | agreed | R5-232781 | - |
| R5-233378 | Update to eNS\_Ph2 test case 9.1.12.1 | CMCC | agreed | R5-232777 | - |
| R5-233379 | Addition of a new combination of system information block for SIB16 | CMCC | agreed | R5-232784 | - |
| R5-233380 | Addition of MUSIM UAI test function | China Telecom | agreed | R5-232036 | - |
| R5-233381 | Addition of applicability of new RRC test cases Enhancement of data collection for SON/MDT in NR standalone | Lenovo | agreed | R5-233281 | - |
| R5-233382 | Addition of Procedure to check TMGI and associated MRB reception in a multicast MBS session | Huawei, Hisilicon | agreed | R5-232944 | - |
| R5-233383 | Update PDCCH-Config for MSS condtion | Huawei, Hisilicon | agreed | R5-232945 | - |
| R5-233384 | Addition of MBS Broadcast TC 14.1.1.2-becoming interested to receive MBS broadcast services | Huawei, Hisilicon | agreed | R5-232950 | - |
| R5-233385 | Addition of MBS Multicast TC 14.2.4.3.1-Handover between multicast supporting cell | Huawei, Hisilicon | agreed | R5-232958 | - |
| R5-233386 | Addition of MBS Multicast TC 14.2.4.3.2-Re-establishment | Huawei, Hisilicon | agreed | R5-232959 | - |
| R5-233387 | Addition of MBS Multicast TC 14.2.5.1.1-Network-requested PDU session modification to remove UE from MBS session | Huawei, Hisilicon | agreed | R5-232961 | - |
| R5-233388 | Addition of MBS Multicast TC 14.2.5.1.2-Network-requested PDU session modification to update MBS service area | Huawei, Hisilicon | agreed | R5-232962 | - |
| R5-233389 | Addition of MBS Multicast TC 14.2.5.2.1-UE-requested to join MBS multicast session-accept | Huawei, Hisilicon | agreed | R5-232963 | - |
| R5-233390 | Addition of test applicablity for MBS TC | Huawei, Hisilicon | agreed | R5-232964 | - |
| R5-233391 | Addition of UPIP TC 8.2.6.4.2-RRC re-establishment | Huawei, Hisilicon | agreed | R5-232966 | - |
| R5-233392 | Addition of UPIP TC 8.2.6.4.3-HO | Huawei, Hisilicon | agreed | R5-232967 | - |
| R5-233393 | Add test applicability for EPS UPIP TC | Huawei, Hisilicon | agreed | R5-232968 | - |
| R5-233394 | Addition of applicability for NR cov enh SIG TCs | Huawei, Hisilicon | agreed | R5-232508 | - |
| R5-233395 | Introduction of R17 Positioning Enhancements default test conditions in TS 37.571-2 | CATT | agreed | R5-232262 | - |
| R5-233396 | Addition of new positioning test case for pre-configured measurement gap procedures | CATT | agreed | R5-232263 | - |
| R5-233397 | Addition of new positioning test case for pre-configured PRS processing window procedures | CATT | agreed | R5-232264 | - |
| R5-233398 | Addition of new positioning test case for UE positioning assistance information procedures | CATT | agreed | R5-232265 | - |
| R5-233399 | Addition of test applicabilities for Release-17 NR positioning enhancement signaling test cases | CATT | agreed | R5-232266 | - |
| R5-233400 | Update eNS test case 9.1.13.2 | ZTE Corporation | agreed | R5-232289 | - |
| R5-233401 | Update eNS test case 10.1.8.4 | ZTE Corporation | agreed | R5-232291 | - |
| R5-233402 | Update eNS test case10.1.8.5 | ZTE Corporation | agreed | R5-232292 | - |
| R5-233403 | Update of TC 10.1.8.3- NSAC / PDU session establishment reject / Maximum number of PDU sessions reached / Back-off timer is zero or not included | TDIA, CATT | agreed | R5-232717 | - |
| R5-233404 | Correction of NR TC 10.1.8.1-NSAC | Huawei, Hisilicon, Datang LinkTester, CATT | agreed | R5-232973 | - |
| R5-233405 | Correction of NR TC 10.1.8.2-NSAC | Huawei, Hisilicon, Datang LinkTester, CATT | agreed | R5-232974 | - |
| R5-233406 | Update general configuration parameter for HD-FDD UE | Huawei, Hisilicon, MCC TF160 | agreed | R5-232937 | - |
| R5-233407 | Update NR MAC TC 7.1.1.1.1-7.1.1.1.1a-7.1.1.1.8 for HD-FDD UE-PRACH | Huawei, Hisilicon, MCC TF160 | agreed | R5-232938 | - |
| R5-233408 | Update NR MAC TC 7.1.1.1.2 and RRC TC 8.1.5.2.2 for HD-FDD UE-PRACH | Huawei, Hisilicon, MCC TF160 | agreed | R5-232939 | - |
| R5-233409 | Update URLLC TC 7.1.1.3.12 for HD-FDD UE-PUSCH repetition Type B | Huawei, Hisilicon, MCC TF160 | agreed | R5-232941 | - |
| R5-233410 | Correction of NR TC 7.1.2.3.6-Polling for status | Huawei, Hisilicon, Datang LinkTester, CATT | agreed | R5-232942 | - |
| R5-233411 | Correction to RedCap test case 11.7.1 | MediaTek Inc., Huawei, Hisilicon, MCC TF160 | agreed | R5-232089 | - |
| R5-233412 | Correction to RedCap test case 11.7.2 | MediaTek Inc., Huawei, Hisilicon, MCC TF160 | agreed | R5-232090 | - |
| R5-233413 | Correction to SDT TC 7.1.1.13.1 | MediaTek Inc. | agreed | R5-232091 | - |
| R5-233414 | Updates to guidelines on test execution for LTE Band 54 | Ligado Networks | agreed | R5-232326 | - |
| R5-233415 | Update to MAC test case for RA Based SDT / 2-step RACH | Lenovo | agreed | R5-232183 | - |
| R5-233416 | Update to MAC test case for RA Based SDT / 4-step RACH | Lenovo | agreed | R5-232184 | - |
| R5-233417 | Addition to testcase 8.1.5.13.2 Data on non-SDT Radio Bearers | Nokia, Nokia Shanghai Bell | not pursued | R5-232898 | - |
| R5-233418 | Addition of Ethernet configuration for EHC testing for EUTRA common config | Nokia, Nokia Shanghai Bell | agreed | R5-232900 | - |
| R5-233419 | Correction to EHC testcase 7.3.6.2 for EUTRA | Nokia, Nokia Shanghai Bell | agreed | R5-232901 | - |
| R5-233420 | Addition of Enhancement of RAN slicing for NR test case 6.1.2.25 | CATT, TDIA | agreed | R5-232252 | - |
| R5-233421 | Update of test case 6.1.2.24 for NR slice | CMCC | agreed | R5-232785 | - |
| R5-233422 | Update of test case 6.4.2.3 for NR slice | CMCC | agreed | R5-232786 | - |
| R5-233423 | Addition of PC5 RRC message uuMessageTransferSidelink | TDIA, CATT | agreed | R5-232713 | - |
| R5-233424 | Addition of PC5 RRC RemoteUEInformationSidelink message | TDIA, CATT | agreed | R5-232715 | - |
| R5-233425 | Update of PC5 RRC message Uu-RelayRLC-ChannelConfig | TDIA,CATT | agreed | R5-232722 | - |
| R5-233426 | Update of PC5 RRC message SL-L2RelayUE-Config | TDIA, CATT | agreed | R5-232721 | - |
| R5-233427 | Correction to power saving enhancements TC 8.1.1.1a.1 | MediaTek Inc. | agreed | R5-232050 | - |
| R5-233428 | Correction to power saving enhancements TC 11.4.1a | MediaTek Inc. | agreed | R5-232054 | - |
| R5-233429 | Add generic procedure for Switch off / Power off procedure in MA PDU session Established on NR and WLAN | ZTE Corporation | agreed | R5-232288 | - |
| R5-233430 | Addition of ATSSS new TC 10.4.2.2 | China Telecom | agreed | R5-232039 | - |
| R5-233431 | Correction to ATSSS TC 10.4.1.2 | MediaTek Inc. | agreed | R5-232086 | - |
| R5-233432 | Correction to ATSSS TC 10.4.1.4 | MediaTek Inc. | agreed | R5-232087 | - |
| R5-233433 | Addition of new ATSSS test case 10.4.1.6 | CATT, TDIA | agreed | R5-232706 | - |
| R5-233434 | Updates to SIB19 for NR NTN | Qualcomm CDMA Technologies | agreed | R5-232690 | - |
| R5-233435 | Update IE ServingCellConfigCommon for NR NTN | Qualcomm CDMA Technologies | agreed | R5-232691 | - |
| R5-233436 | Update to clause 4.4.3 Common parameters for NR NTN | Qualcomm CDMA Technologies | agreed | R5-232692 | - |
| R5-233437 | Update of default configuration for IoT NTN | MediaTek Inc. | agreed | R5-232560 | - |
| R5-233438 | Correction to IoT NTN TC 6.1.1.11 | MediaTek Inc. | agreed | R5-232535 | - |
| R5-233439 | Correction to IoT NTN TC 7.1.6.6 | MediaTek Inc. | agreed | R5-232536 | - |
| R5-233440 | Correction to IoT NTN TC 22.2.13 | MediaTek Inc. | agreed | R5-232538 | - |
| R5-233441 | Correction to IoT NTN TC 22.3.1.5a | MediaTek Inc., Qualcomm Incorporated | agreed | R5-232539 | - |
| R5-233442 | Update to NTN PICS parameters | Qualcomm | agreed | - | - |
| R5-233443 | RAT specific PICS parameter update to applicability of NTN test cases | Qualcomm | revised | - | R5-233479 |
| R5-233444 | Applicability of legacy NB-IoT test cases to NTN GSO only UEs | Qualcomm | revised | - | R5-233480 |
| R5-233445 | Correction to FR2 Power level tables for NR Idle mode test cases | Anritsu EMEA Ltd | agreed | R5-232330 | - |
| R5-233446 | Correction to NR IMS test case 10.14 | Anritsu EMEA Ltd, MediaTek | agreed | R5-232178 | - |
| R5-233447 | Correction to NR testcase 7.1.1.12.3 | ROHDE & SCHWARZ | revised | R5-232391 | R5-233467 |
| R5-233448 | Correction to IMS testcase 10.4 | ROHDE & SCHWARZ, MCCTF160 | agreed | R5-232933 | - |
| R5-233449 | Correction to NR testcase 7.1.3.5.3 | ROHDE & SCHWARZ, Anritsu Ltd, Qualcomm, Keysight | agreed | R5-232381 | - |
| R5-233450 | Removal of mandatory status of GEA2 | Vodafone GmbH, Mediatek | agreed | R5-233296 | - |
| R5-233451 | Correction to Idle Mode Test Case to enable IoT NTN test | MediaTek Inc. | withdrawn | R5-232541 | - |
| R5-233452 | Correction to RRC Test Case to enable IoT NTN test | MediaTek Inc. | withdrawn | R5-232542 | - |
| R5-233453 | Correction to NB-IoT Test Case to enable IoT NTN test | MediaTek Inc. | withdrawn | R5-232544 | - |
| R5-233454 | NTN-IoT: NB-IoT Test Model updates | MCC TF160 | agreed | R5-232193 | - |
| R5-233455 | Corrections to EN-DC test case 8.2.6.3.2 | MCC TF160 | agreed | R5-232198 | - |
| R5-233456 | Correction of test procedure on TC 6.3.2.1 | NTT DOCOMO, INC., MCC TF160 | agreed | R5-232451 | - |
| R5-233457 | Correction of test procedure on TC 6.3.2.2 | NTT DOCOMO, INC., MCC TF160 | agreed | R5-232452 | - |
| R5-233458 | Correction of test procedure on TC 6.3.2.3 | NTT DOCOMO, INC., MCC TF160 | agreed | R5-232453 | - |
| R5-233459 | Correction of test procedure on TC 6.3.2.4 | NTT DOCOMO, INC., MCC TF160 | agreed | R5-232454 | - |
| R5-233460 | Correction of test procedure on TC 6.3.2.5 | NTT DOCOMO, INC., MCC TF160 | agreed | R5-232455 | - |
| R5-233461 | Correction of test procedure on TC 6.3.2.6 | NTT DOCOMO, INC., MCC TF160 | agreed | R5-232456 | - |
| R5-233462 | Addition of FR2 cell power levels for Idle mode test cases | Keysight Technologies UK | agreed | R5-232644 | - |
| R5-233463 | Addition of new Idle mode TC to test the intraFreqReselection in MIB message is set to not allowed | Qualcomm CDMA Technologies | agreed | R5-232688 | - |
| R5-233464 | Update of NR TC 6.1.2.3-Cell selection | Huawei, Hisilicon | revised | R5-233313 | R5-233776 |
| R5-233465 | Add new test case for 38.523-1 6.1.2 | Samsung | not pursued | R5-232893 | - |
| R5-233466 | Add applicabilities for new NR 2 step RACH test cases | ZTE Corporation | agreed | R5-232295 | - |
| R5-233467 | Correction to NR testcase 7.1.1.12.3 | ROHDE & SCHWARZ | agreed | R5-233447 | - |
| R5-233468 | Update eNS test case 9.3.1.4 | ZTE Corporation | agreed | R5-232290 | - |
| R5-233469 | Add new NR Multi-SIM test case 8.1.5.10.2 | China Telecom | agreed | R5-232037 | - |
| R5-233470 | Correction to NR MUSIM TC 8.1.5.10.3 | TDIA, CATT | agreed | R5-232714 | - |
| R5-233471 | Addition of PICS for Rel-17 eNPN | China Telecom | agreed | R5-232416 | - |
| R5-233472 | Addition of applicability of test case 6.1.2.25 | CATT, TDIA | agreed | R5-232253 | - |
| R5-233473 | Correction to Emergency Services test case 11.4.1 | Keysight Technologies UK, Qualcomm | revised | R5-232386 | R5-233779 |
| R5-233474 | Correction to switch off test procedure | Keysight Technologies UK, MediaTek Inc. | agreed | R5-232638 | - |
| R5-233476 | Addition of applicability of new Idle mode TC to test the intraFreqReselection in MIB message is set to not allowed | Qualcomm CDMA Technologies | agreed | R5-232689 | - |
| R5-233477 | Applicability of legacy NB-IOT testcases to NTN GSO capable UE | Qualcomm Incorporated, Mediatek | revised | R5-233161 | R5-233495 |
| R5-233478 | Discussion paper of handling legacy test case for IoT NTN UE | MediaTek Inc. | noted | R5-232548 | - |
| R5-233479 | RAT specific PICS parameter update to applicability of NTN test cases | Qualcomm | agreed | R5-233443 | - |
| R5-233480 | Applicability of legacy NB-IoT test cases to NTN GSO only UEs | Qualcomm | agreed | R5-233444 | - |
| R5-233481 | LS on frequencyInfo for NR SL RSRP measurements | TSG WG RAN5 | revised | - | R5-233768 |
| R5-233482 | Update test case 8.1.1.4.7 | Ericsson | agreed | R5-232258 | - |
| R5-233483 | Update test case 8.1.1.4.9 | Ericsson | agreed | R5-232318 | - |
| R5-233484 | Update titles for test cases 8.1.1.4.7-9 | Ericsson | agreed | R5-232319 | - |
| R5-233485 | Update applicabilities for NG.114 default test cases | Ericsson | agreed | R5-232390 | - |
| R5-233486 | Updating IMS security profiles | ROHDE & SCHWARZ | withdrawn | R5-232585 | - |
| R5-233487 | Update of MUSIM test case 9.2.1.1.33 | TDIA, CATT | agreed | R5-233273 | - |
| R5-233488 | Updates to MCData UE Configuration and User Profile | NIST | agreed | R5-232597 | - |
| R5-233489 | Updates to MCData PIDF for functional alias | NIST | agreed | R5-232599 | - |
| R5-233490 | Updates to 5.3.3 Pre-Established Session Establishment Generic TC | NIST | agreed | R5-232600 | - |
| R5-233491 | Updates to MCData-Info from the UE | NIST | agreed | R5-232601 | - |
| R5-233492 | Updates to SDP Message from the UE for MCData | NIST | agreed | R5-232603 | - |
| R5-233493 | Addition of new test case 5.7 for Functional Alias | NIST | agreed | R5-232596 | - |
| R5-233495 | Applicability of legacy NB-IOT testcases to NTN GSO capable UE | Qualcomm Incorporated, Mediatek | noted | R5-233477 | - |
| R5-233496 | WP - UE Conformance - NR support for high speed train scenario in frequency range 2 | Samsung | noted | R5-232886 | - |
| R5-233497 | SR - UE Conformance - NR support for high speed train scenario in frequency range 2 | Samsung | noted | R5-232887 | - |
| R5-233498 | Revised WID - UE Conformance - UE RF requirements for Transparent Tx Diversity (TxD) for NR | Huawei, HiSilicon | agreed | - | - |
| R5-233499 | Revised WID on UE Conformance - Rel-17 NR CA and DC; and NR and LTE DC Configurations | Huawei, HiSilicon | agreed | R5-233104 | - |
| R5-233500 | Correction of 38.508-1 4.1.1 on lower humidity limit in temperature test environment | Samsung R&D Institute UK, ZTE Corporation | agreed | R5-233269 | - |
| R5-233501 | Addition of test frequency for new 3/4 band EN-DC comb | KT Corp. | revised | R5-232895 | R5-233734 |
| R5-233502 | Adding PICS for DL interruption | Huawei, HiSilicon, China Telecom | agreed | R5-233038 | - |
| R5-233503 | Update of Table A.4.3.2B.2.3.2-2 and A.4.3.2B.2.3.3-2 for new 3/4 band EN-DC comb | KT Corp. | revised | R5-232896 | R5-233735 |
| R5-233504 | Update of physical layer baseline capabilities for CA\_n28A-n78A | Huawei, HiSilicon | withdrawn | R5-232748 | - |
| R5-233505 | Addition of PICS for CLI test case | Qualcomm Europe Inc. Sweden | agreed | R5-232861 | - |
| R5-233506 | Addition of applicability for 5GS HST FR2 test case | Nokia, Nokia Shanghai Bell | agreed | R5-232236 | - |
| R5-233507 | Addition of MAC-CE based active TCI state switch test case for HST FR2 | Nokia, Nokia Shanghai Bell | agreed | R5-232279 | - |
| R5-233508 | Update inter-band NR CA PC2 configurations of CA\_n2A-n77A, CA\_n5A-n77A, and CA\_n66A-n77A | Verizon Switzerland AG | agreed | R5-232240 | - |
| R5-233509 | Addition of R17 new CA PC2 configs RF Baseline Implementation Capabilities | CMCC | agreed | R5-232795 | - |
| R5-233510 | Introduction of additional maximum output power reduction for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | agreed | R5-232110 | - |
| R5-233511 | Introduction of Spurious emissions for UE co-existence requirements for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | agreed | R5-232112 | - |
| R5-233512 | Correction to spurious emissions TP analysis for 21A\_n28A | DOCOMO Communications Lab. | agreed | R5-232364 | - |
| R5-233513 | Spur\_TpAnalysis for CA\_n5A\_n48A | Qualcomm India Pvt Ltd | agreed | R5-232610 | - |
| R5-233514 | TP analysis for NR NTN configured transmission power tests | Google | agreed | R5-232518 | - |
| R5-233515 | Updating Transmit ON/OFF time mask for CA for intra-band non-contiguous CA | Huawei, HiSilicon | agreed | R5-233093 | - |
| R5-233516 | TP analysis for PC2 PC3 n39 A-MPR and A-SE | CMCC | revised | R5-232803 | R5-233528 |
| R5-233517 | Adding Reference sensitivity exceptions due to UL harmonic interference for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | agreed | R5-232117 | - |
| R5-233518 | TP analysis update for FR2 2 UL CA Tx tests to support PHR method | Keysight Technologies UK Ltd, Ericsson | agreed | R5-232351 | - |
| R5-233519 | Ref sensitivity TP selection for DC\_38A\_n78A DC\_18A\_n77A and DC\_19A\_n77A | Qualcomm India Pvt Ltd, DOCOMO Communications Lab | agreed | R5-232606 | - |
| R5-233520 | Update Ref sense for DC\_38A\_n78A, DC\_18A\_n77A and DC\_19A\_n77A | Qualcomm India Pvt Ltd | agreed | R5-232607 | - |
| R5-233521 | FR1 MPR - ACLR - SEM - TP analysis update for almost contiguous RB allocation | Keysight Technologies UK Ltd | agreed | R5-232352 | - |
| R5-233522 | Correction to test point analysis for FR1 test cases | Huawei, HiSilicon | agreed | R5-232755 | - |
| R5-233523 | Clarification/improvement of clause B9. | Ericsson | agreed | R5-232881 | - |
| R5-233524 | Adding UE additional maximum output power reduction for new NR band n13 | Nokia, Nokia Shanghai Bell | agreed | R5-232977 | - |
| R5-233525 | Correction to REFSENS exceptions testing for CA\_n7A-n78A | Huawei, HiSilicon | agreed | R5-233088 | - |
| R5-233526 | Updating REFSENS exception test frequency selection for CA\_n7A-n78A | Huawei, HiSilicon | agreed | R5-233089 | - |
| R5-233527 | Update of Additional Spurious Emissions CA test cases | ROHDE & SCHWARZ | agreed | R5-233169 | - |
| R5-233528 | TP analysis for PC2 PC3 n39 A-MPR and A-SE | CMCC | agreed | R5-233516 | - |
| R5-233529 | Update of physical layer baseline capabilities for CA\_n28A-n78A | Huawei, HiSilicon | agreed | - | - |
| R5-233530 | Correction of test point analysis for CA\_n66A-n71A | ROHDE & SCHWARZ | agreed | R5-233167 | - |
| R5-233531 | MU and TT definition for FR1 bands above 6GHz - Annex F update | Keysight Technologies UK Ltd | withdrawn | R5-232345 | - |
| R5-233532 | Correction for CA\_n66A-n71A | ROHDE & SCHWARZ | agreed | R5-233166 | - |
| R5-233533 | Update for CA\_n2A-n48A and CA\_n2A-n77A combos in section 7.3A.0 | Keysight Technologies UK Ltd | agreed | R5-232340 | - |
| R5-233534 | Editorial changes in Table 7.3A.1.5-1 | Ericsson | agreed | R5-232873 | - |
| R5-233535 | General updates of clause 5 for R16 CADC configurations | CU Digital Technology, Ericsson, CMCC, Rohde&Schwarz | withdrawn | R5-232408 | - |
| R5-233536 | Corrections on supported channel bandwidths for SUL configurations | ZTE Corporation | agreed | R5-233213 | - |
| R5-233537 | Addition of new FR1 phase continuity test | Apple Inc | agreed | R5-233251 | - |
| R5-233538 | Update inter-band NR CA PC2 MOP configurations for 2UL CA\_n2A-n77A, CA\_n5A-n77A, and CA\_n66A-n77A | Verizon | agreed | R5-232244 | - |
| R5-233539 | Addition of R17 new CA PC2 configs for Ref sens exceptions TC 7.3A.0 | CMCC, Verizon | agreed | R5-232794 | - |
| R5-233540 | Correction of ON/OFF time mask for Tx Diversity | ROHDE & SCHWARZ | agreed | R5-233173 | - |
| R5-233541 | NS\_27 - corrections for 30MHz RBStart for condition A1 | Keysight Technologies UK Ltd | agreed | R5-232354 | - |
| R5-233542 | Addition of BW condition to 6.5D.2.3 A-SEM for UL MIMO | Anritsu | agreed | R5-232997 | - |
| R5-233543 | Clarification of spurious emsission testing configuration - Part 1 | Huawei, HiSilicon | agreed | R5-233026 | - |
| R5-233544 | Clarification of spurious emsission testing configuration - Part 2 | Huawei, HiSilicon | agreed | R5-233027 | - |
| R5-233545 | Clarification of spurious emsission testing configuration - Part 3 | Huawei, HiSilicon | agreed | R5-233028 | - |
| R5-233546 | Clarification of spurious emsission testing configuration - LTE | Huawei, HiSilicon | agreed | R5-233029 | - |
| R5-233547 | Updating FR1 test case Additional spectrum emission mask for UL MIMO | Huawei, HiSilicon | agreed | R5-233082 | - |
| R5-233548 | Updating PUCCH aggregated power tolerance test case for SUL and for MIMO | Huawei, HiSilicon, Rohde&Schwarz | agreed | R5-233086 | - |
| R5-233549 | Updating MU values for NR FR1 Relative power tolerance for UL MIMO | Huawei, HiSilicon | agreed | R5-233087 | - |
| R5-233550 | On FR2 RF Enhanced Test Methods work plan updates | Apple Inc | noted | R5-233258 | - |
| R5-233551 | Update to FR2 RF phase continuity test | Apple Inc | agreed | R5-233252 | - |
| R5-233552 | Adding RedCap UE FR2 PC7 Carrier leakage requirement | Nokia, Nokia Shanghai Bell | agreed | R5-232124 | - |
| R5-233553 | Adding RedCap UE FR2 PC7 In-band emissions requirement | Nokia, Nokia Shanghai Bell | agreed | R5-232125 | - |
| R5-233554 | Adding side condition of beam correspondence for PC7 | Huawei, HiSilicon | agreed | R5-233033 | - |
| R5-233555 | General updates of clause 5 for R16 CA configurations | CU Digital Technology, Ericsson, CMCC, Rohde&Schwarz | agreed | - | - |
| R5-233556 | General updates of clause 5 for R17 CA configurations | CU Digital Technology, Qualcomm | agreed | - | - |
| R5-233557 | Adding FR2 Redcap PC7 to Tx Test Config Tables | Qualcomm Tech. Netherlands B.V | revised | R5-232622 | R5-233718 |
| R5-233558 | Adding FR2 Redcap Rx EIS test case | Qualcomm Tech. Netherlands B.V | revised | R5-232615 | R5-233719 |
| R5-233559 | Updates to FR2 CA EIS Sph Cov tests | Apple Inc | agreed | R5-233261 | - |
| R5-233560 | Updates to FR2 CA Refsens tests | Apple Inc | agreed | R5-233260 | - |
| R5-233561 | Updates to FR2 CA Max Input Level tests | Apple Inc | agreed | R5-233262 | - |
| R5-233562 | Update of Additional MPR CA test cases | ROHDE & SCHWARZ | agreed | R5-233170 | - |
| R5-233563 | Addition of new CADC MOP TC | Intertek, CMCC | agreed | R5-232447 | - |
| R5-233564 | Addition of new CADC TC 6.3B.3.4\_1.1 | Intertek, CMCC | agreed | R5-232448 | - |
| R5-233565 | NTN UE test cases methodology and configuration for SAN NTN assistance information parameters | THALES | noted | R5-233292 | - |
| R5-233566 | Disc on handling of R18 IoT NTN TCs in 36521-4 | CMCC, MTK, Sporton, CAICT | noted | R5-232819 | - |
| R5-233567 | Introduction of new test case 7.5 Adjacent channel selectivity | CAICT | approved | R5-232371 | - |
| R5-233568 | Introduction of new Annexes | CAICT | approved | R5-232373 | - |
| R5-233569 | Introduction of NTN AMPR tests | Google Inc. | approved | R5-232517 | - |
| R5-233570 | TP to add 2Rx PDSCH mapping type A test case for NTN UE | Qualcomm Europe Inc. Sweden | approved | R5-232870 | - |
| R5-233571 | Updates to NTN TC 6.3.3 on Tx on-off time mask | Apple Inc | approved | R5-233247 | - |
| R5-233572 | Updates to NTN TC 6.5.2.2 on Spectrum emission mask | Apple Inc | approved | R5-233248 | - |
| R5-233573 | Updates to NTN TC 6.5.2.4 on ACLR | Apple Inc | approved | R5-233249 | - |
| R5-233574 | Introduction of eMTC NTN Output RF spectrum emissions TC 6.5A | CMCC | approved | R5-232816 | - |
| R5-233575 | Update of editor notes for IoT NTN TCs | CMCC | approved | R5-232818 | - |
| R5-233576 | Corrections on test requirements for MSD due to dual uplink for EN-DC | ZTE Corporation | agreed | R5-233216 | - |
| R5-233577 | Corrections on higher power class indication for EN-DC configuration | ZTE Corporation | agreed | R5-233209 | - |
| R5-233578 | Corrections on test parameters for adjacent channel selectivity for FR2 | ZTE Corporation, Anritsu | agreed | R5-233214 | - |
| R5-233579 | Corrections on test parameters for blocking characteristics for FR2 | ZTE Corporation | agreed | R5-233215 | - |
| R5-233580 | Addition of Demodulation performance testcases for PDSCH with inter-cell interference | Qualcomm Europe Inc. Sweden | agreed | R5-232854 | - |
| R5-233581 | Addition of Demodulation performance testcases for PDSCH with intra-cell inter user interference | Qualcomm Europe Inc. Sweden | agreed | R5-232855 | - |
| R5-233582 | Addition of Demodulation performance testcases for PDSCH CRS interference mitigation under NR-LTE coexistense | Qualcomm Europe Inc. Sweden | agreed | R5-232856 | - |
| R5-233583 | Addition of Demodulation performance testcases for PDSCH with inter-cell CRS interference | Qualcomm Europe Inc. Sweden | agreed | R5-232857 | - |
| R5-233584 | Additional test case 5.3.2.1.5 2RX FDD Minimum requirements for PDCCH with intra-slot repetition | Samsung | agreed | R5-232888 | - |
| R5-233585 | Additional test case 5.3.2.2.5 2RX TDD Minimum requirements for PDCCH with intra-slot repetition | Samsung | agreed | R5-232889 | - |
| R5-233586 | Additional test case 5.3.3.1.4 4RX FDD Minimum requirements for PDCCH with intra-slot repetition | Samsung | agreed | R5-232890 | - |
| R5-233587 | Additional test case 5.3.3.2.4 4RX TDD Minimum requirements for PDCCH with intra-slot repetition | Samsung | agreed | R5-232891 | - |
| R5-233588 | Addition of 5.2.2.1.20 2Rx FDD HST-SFN Scheme A | Huawei, HiSilicon | agreed | R5-233042 | - |
| R5-233589 | Addition of 5.2.2.1.21 2Rx FDD HST-SFN Scheme B | Huawei, HiSilicon | agreed | R5-233043 | - |
| R5-233590 | Addition of 5.2.2.2.21 2Rx TDD HST-SFN Scheme A | Huawei, HiSilicon | agreed | R5-233044 | - |
| R5-233591 | Addition of 5.2.2.2.22 2Rx TDD HST-SFN Scheme B | Huawei, HiSilicon | agreed | R5-233045 | - |
| R5-233592 | Addition of 5.2.3.1.19 4Rx FDD HST-SFN Scheme A | Huawei, HiSilicon | agreed | R5-233046 | - |
| R5-233593 | Addition of 5.2.3.1.20 4Rx FDD HST-SFN Scheme B | Huawei, HiSilicon | agreed | R5-233047 | - |
| R5-233594 | Addition of 5.2.3.2.20 4Rx TDD HST-SFN Scheme A | Huawei, HiSilicon | agreed | R5-233048 | - |
| R5-233595 | Addition of 5.2.3.2.21 4Rx TDD HST-SFN Scheme B | Huawei, HiSilicon | agreed | R5-233049 | - |
| R5-233596 | Addition of RMC for HST-SFN scheme A and B | Huawei, HiSilicon | agreed | R5-233050 | - |
| R5-233597 | Addition of MU and TT for HST scheme A and B | Huawei, HiSilicon | agreed | R5-233052 | - |
| R5-233598 | Addition of test case 5.3.2.1.4, 2Rx FDD FR1 PDCCH performance for RedCap | Ericsson | agreed | R5-232567 | - |
| R5-233599 | Addition on MU and TT for newly introduced RedCap CQI test cases | Ericsson | agreed | R5-232575 | - |
| R5-233600 | Addition of TDD FR1 single carrier CQI reporting test cases on band with shared spectrum access | Qualcomm Europe Inc. Sweden | agreed | R5-232865 | - |
| R5-233601 | Corrections on general sections for RF performance requirements | ZTE Corporation, Anritsu | agreed | R5-233208 | - |
| R5-233602 | Update of Noc levels for n259 or PC2 | Anritsu | agreed | R5-233004 | - |
| R5-233603 | Corrections on the applicability of demodulation performance requirements | ZTE Corporation | agreed | R5-233217 | - |
| R5-233604 | Completion of SA FR2 direct SCell activation at handover test case | Nokia, Nokia Shanghai Bell, Anritsu | agreed | R5-232229 | - |
| R5-233605 | Completion of SA FR2 direct SCell activation test case | Nokia, Nokia Shanghai Bell | agreed | R5-232231 | - |
| R5-233606 | Completion of ENDC FR2 direct SCell activation test case | Nokia, Nokia Shanghai Bell | agreed | R5-232232 | - |
| R5-233607 | Addition of UE Rx-Tx time difference measurement for propagation delay compensation using TRS in FR2 test case | Nokia, Nokia Shanghai Bell | agreed | R5-232275 | - |
| R5-233608 | Addition of Pre-MG RRM test case 6.6.17.2 | MediaTek Inc. | agreed | R5-232084 | - |
| R5-233609 | Addition of Pre-MG RRM test case 6.6.17.1 | MediaTek Inc. | agreed | R5-232083 | - |
| R5-233610 | Core spec alignment for SMTC value for RedCap TC 16.1.1.1 | Rohde & Schwarz | agreed | R5-232173 | - |
| R5-233611 | Correction to Annex E for RedCap RRM TCs | Huawei, HiSilicon | agreed | R5-232481 | - |
| R5-233612 | Addition of RedCap RLM OOS test cases 16.5.1.5 and 16.5.1.6 | Qualcomm France | agreed | R5-232669 | - |
| R5-233613 | Addition of RedCap SSB-based BFD and LR in DRX mode test cases 16.5.2.3 and 16.5.2.4 | Qualcomm France | agreed | R5-232670 | - |
| R5-233614 | Addition of RedCap DCI-based DL active BWP switch test cases 16.5.3.1.1 and 16.5.3.1.2 | Qualcomm France | agreed | R5-232671 | - |
| R5-233615 | Addition of RedCap RRC-based DL active BWP switch test cases 16.5.3.2.1 and 16.5.3.2.2 | Qualcomm France | agreed | R5-232672 | - |
| R5-233616 | Correction of RedCap NR SA FR1 - E-UTRA Cell reselection test cases in clause 16.1.2 | Ericsson | agreed | R5-232922 | - |
| R5-233617 | Annex E correction for Redcap FR2 reselection cases | Ericsson | agreed | R5-232927 | - |
| R5-233618 | Adding test case 7.5.3.3 for SCell Activation and deactivation for SCell in FR2 inter-band in non-DRX | Nokia, Nokia Shanghai Bell | agreed | R5-232128 | - |
| R5-233619 | Addition of power savings RLM OOS test case 4.5.1.9 | Qualcomm France | agreed | R5-232674 | - |
| R5-233620 | Addition of power savings RLM OOS test case 5.5.1.10 | Qualcomm France | agreed | R5-232675 | - |
| R5-233621 | Addition of NR-U EN-DC SS-RSRP measurement performance test cases | Qualcomm France | agreed | R5-232663 | - |
| R5-233622 | Update to NR-U frequency bands | Qualcomm France | agreed | R5-232664 | - |
| R5-233623 | Addition of NR-U SA SS-RSRP measurement performance test cases | Qualcomm France | agreed | R5-232665 | - |
| R5-233624 | Clarification to test procedure for EN-DC active BWP switch TCs: 4.5.6.1.1, 4.5.6.1.2, 4.5.6.2.1 | Rohde & Schwarz | agreed | R5-232176 | - |
| R5-233625 | Update to SCell activation and deactivation test cases | Qualcomm France | agreed | R5-232679 | - |
| R5-233626 | T3 correction of SSB\_RP for TC 5.5.5.1 | Rohde & Schwarz | agreed | R5-233141 | - |
| R5-233627 | Editorial correction to reference of AoA setup | Anritsu | agreed | R5-233014 | - |
| R5-233628 | Update of RRM Test Case 5.5.3.1 EN-DC FR2 SCell activation and deactivation intra-band in non-DRX | Sporton | agreed | R5-233288 | - |
| R5-233629 | Clarification to test procedure for SA active BWP switch TCs: 6.5.6.1.1, 6.5.6.1.2, 6.5.6.2.1 | Rohde & Schwarz | agreed | R5-232177 | - |
| R5-233630 | Correction to test applicability for SA FR2 test cases | Qualcomm France | agreed | R5-232680 | - |
| R5-233631 | PC5 - MOP test cases update in 38.521-2 | Keysight Technologies UK Ltd | agreed | R5-232159 | - |
| R5-233632 | PC5 MU - definition for MOP test cases in 38.903 | Keysight Technologies UK Ltd | agreed | R5-232160 | - |
| R5-233633 | Updating for PC6 measurement error contribution descriptions for IFF | Samsung | agreed | R5-232932 | - |
| R5-233634 | FR2 RRM test cases: Known Issue List | Ericsson | noted | R5-232910 | - |
| R5-233635 | Definition of MU and requirements for FR2c | Anritsu | agreed | R5-232984 | - |
| R5-233636 | PC1 - ACS Case 1 and IBB test cases update in 38.521-2 | Keysight Technologies UK Ltd | agreed | R5-232166 | - |
| R5-233637 | Update of SE TRP Offsets | Keysight Technologies UK Ltd | agreed | R5-232629 | - |
| R5-233638 | FR2 MUs - Editor notes updates in 38.521-3 | Keysight Technologies UK Ltd | agreed | R5-232167 | - |
| R5-233639 | FR2 MUs - General Update in 38.903 section B.2.2 | Keysight Technologies UK Ltd | agreed | R5-232161 | - |
| R5-233640 | FR2 PC3 - Network Analyzer MU update in 38.903 | Keysight Technologies UK Ltd | agreed | R5-232169 | - |
| R5-233641 | Update of Fine SE TRP Grids | Keysight Technologies UK Ltd | agreed | R5-232630 | - |
| R5-233642 | Discussion on additional UE gain parameters in FR2 RRM testing | Ericsson | noted | R5-232911 | - |
| R5-233643 | Correction of Test Tolerance analysis for Inter-frequency SS-RSRP measurement accuracy tests in FR2 | Ericsson | withdrawn | R5-232913 | - |
| R5-233644 | Replacement of TT analysis for FR2 BFD and BFR | Anritsu, Huawei, HiSilicon | withdrawn | R5-232306 | - |
| R5-233645 | Addition of NR SA FR2 active TCI state switch test cases 7.5.8.1.1 and 7.5.8.2.1 with TT | Qualcomm France | agreed | R5-232661 | - |
| R5-233646 | Addition of TT analysis for 4.7.6.1 and 6.7.8.1 | Qualcomm France | agreed | R5-232659 | - |
| R5-233647 | Correction to RedCap RRM TC 17.6.3.1 SSB L1RSRP noDRX with TT | Huawei, HiSilicon | agreed | R5-232471 | - |
| R5-233648 | Update to CLI tests 4.6.5.1 and 6.6.6.1 with TTs | Qualcomm France | agreed | R5-232656 | - |
| R5-233649 | Update to CLI tests 4.7.6.1 and 6.7.8.1 with TTs | Qualcomm France | agreed | R5-232658 | - |
| R5-233650 | Annex E and F updates for CLI-based test cases including TTs | Qualcomm France | agreed | R5-232678 | - |
| R5-233651 | Completion 16.2.1 with TT analysis results | Rohde & Schwarz | agreed | R5-232430 | - |
| R5-233652 | Completion 16.2.2 with TT analysis results | Rohde & Schwarz | agreed | R5-232431 | - |
| R5-233653 | Grouping of test tolerance analysis for test Case 5.5.3.7 with 5.5.3.1 | Nokia, Nokia Shanghai Bell | agreed | R5-232272 | - |
| R5-233654 | Correction to RedCap RRM TC 17.5.2.3 CSIRS BFR noDRX with TT | Huawei, HiSilicon | agreed | R5-232464 | - |
| R5-233655 | Correction to RedCap RRM TC 17.5.2.4 CSIRS BFR DRX with TT | Huawei, HiSilicon | agreed | R5-232465 | - |
| R5-233656 | Correction to RedCap RRM TC 17.5.2.5 BFR restriction with TT | Huawei, HiSilicon | agreed | R5-232466 | - |
| R5-233657 | Addition of RedCap RRM TC 17.6.1.2 intraFreq DRX with TT | Huawei, HiSilicon | agreed | R5-232468 | - |
| R5-233658 | Correction of SA event reporting with highSpeedMeasCA-Scell-r17 test case 6.6.1.8 including Test Tolerance | Ericsson | agreed | R5-232919 | - |
| R5-233659 | Test Tolerance analysis for HST event triggered test cases | Ericsson | agreed | R5-232915 | - |
| R5-233660 | Update to PRS based UE Rx-Tx measurement FR1 SA test case | Nokia, Nokia Shanghai Bell | agreed | R5-232233 | - |
| R5-233661 | Update to PRS based UE Rx-Tx measurement FR2 SA test case | Nokia, Nokia Shanghai Bell | agreed | R5-232234 | - |
| R5-233662 | Update to TRS based UE Rx-Tx measurement FR1 SA test case | Nokia, Nokia Shanghai Bell | agreed | R5-232235 | - |
| R5-233663 | UE UL carrier RRC reconfiguration delay test tolerances for FR2 | Nokia, Nokia Shanghai Bell | agreed | R5-232127 | - |
| R5-233664 | TT analysis for FR2 UE UL carrier RRC reconfiguration delay test case | Nokia, Nokia Shanghai Bell | agreed | R5-232126 | - |
| R5-233665 | Correction to FR2 BFD and LR including TT | Anritsu, Huawei, HiSilicon | agreed | R5-232305 | - |
| R5-233666 | Correction to FR2 BFD and LR | Anritsu | agreed | R5-233297 | - |
| R5-233667 | TT update for test cases 6.6.3.1 and 6.6.3.2 | Qualcomm France | agreed | R5-232677 | - |
| R5-233668 | LS response on CA/DC MSD requirements | TSG WG RAN5 | approved | - | - |
| R5-233669 | LS on additional UE gain parameters | TSG WG RAN5 | approved | - | - |
| R5-233670 | LS on RRM test cases with testability issues | TSG WG RAN5 | for email approval | - | R5-233782 |
| R5-233782 | LS on RRM test cases with testability issues | TSG WG RAN5 | email approved | R5-233670 | - |
| R5-233671 | LS on signal variance in FR2 multiple AoA tests | TSG WG RAN5 | for email approval | - | R5-233783 |
| R5-233783 | LS on signal variance in FR2 multiple AoA tests | TSG WG RAN5 | email approved | R5-233671 | - |
| R5-233672 | LS on clarifications for Non-Terrestrial Networks | TSG WG RAN5 | email approved | - | - |
| R5-233673 | LS to RAN4 on A-MPR Network Signaling value (NS\_02N) | MediaTek Beijing Inc. | withdrawn | R5-232254 | - |
| R5-233674 | Addition and updation of tables for HST FR2 scenario | Nokia, Nokia Shanghai Bell | agreed | R5-232237 | - |
| R5-233675 | Update to TS 38.508-1 clause 4.6.3-200BB for FR2 UL Gaps IE | Apple Inc | agreed | R5-233257 | - |
| R5-233676 | Correction to frequency range for ssb-PositionsInBurst and SSB-ToMeasure | Anritsu | agreed | - | - |
| R5-233677 | MU values for NR FR1 TRP-TRS | ROHDE & SCHWARZ | approved | R5-232587 | - |
| R5-233678 | Test Time Reduction using Coarser TRP/TRS Measurement Grids for above and below 3 GHz | Keysight Technologies UK Ltd, CAICT | noted | R5-232635 | - |
| R5-233679 | RC MU Analysis for NR FR1 TRP-TRS Enhancement | Bluetest AB | noted | R5-233233 | - |
| R5-233680 | Corrections to A-GNSS minimum performance test scenarios | Rohde & Schwarz | agreed | R5-232433 | - |
| R5-233681 | Corrections to A-GNSS minimum performance test scenarios chapter 13 | Rohde & Schwarz | agreed | R5-232434 | - |
| R5-233682 | Addition A-GNSS mininimum performance test scenarios for RNSS | ROHDE & SCHWARZ | agreed | R5-232711 | - |
| R5-233683 | Correction in A.3.1.1.2 and default message content | Keysight Technologies UK Ltd | agreed | R5-233021 | - |
| R5-233684 | Correction in A.12.1.1 test scenario | Keysight Technologies UK Ltd | agreed | R5-233151 | - |
| R5-233685 | Update to handle the test case applicability with different branches | Bureau Veritas ADT, CMCC, Sporton | agreed | R5-233181 | - |
| R5-233686 | Completion of applicability for DC\_CA test cases | Nokia, Nokia Shanghai Bell | agreed | R5-232273 | - |
| R5-233687 | Addition of applicability for FR2 RF phase continuity test | Apple Inc | agreed | R5-233250 | - |
| R5-233688 | Addition of minimum test time for HST scheme A and B | Huawei, HiSilicon | agreed | R5-233053 | - |
| R5-233689 | Addition of applicabiltiy for NR feMIMO test cases | Huawei, HiSilicon | agreed | R5-233055 | - |
| R5-233690 | Add applicability of new test cases for gap enhancement- Pre-MG and NCSG | MediaTek Inc. | agreed | R5-232103 | - |
| R5-233691 | Update to RRM applicability rules and test optimization - 38.522 | Qualcomm France | agreed | R5-232667 | - |
| R5-233692 | Correction to applicability for performance test cases | TTA | agreed | R5-232771 | - |
| R5-233693 | Applicability update for FR2 TCI state switch tests | Qualcomm France | agreed | R5-233264 | - |
| R5-233694 | Addition of test frequencies for LTE Band 54 | Ligado Networks | agreed | R5-232311 | - |
| R5-233695 | Editorial correction to Annex B | Anritsu | agreed | R5-233017 | - |
| R5-233696 | Discussion on affected list of RRM test cases with testability issues | Qualcomm France | noted | R5-232660 | - |
| R5-233697 | Discussion on power settings in FR1 EVM including symbols with transient period | Anritsu, Apple Inc | revised | R5-232987 | R5-233760 |
| R5-233698 | Discussion on handling of test frequencies for band n79 10MHz channel bandwidth | Huawei, HiSilicon, Keysight | noted | R5-233095 | - |
| R5-233699 | Correction of test frequency parameters for n79 | Keysight Technologies UK Ltd, Huawei,Hisilicon | agreed | R5-232359 | - |
| R5-233700 | Updating frequency calculation in Annex C.3.2 | Huawei, HiSilicon, Keysight | agreed | R5-233098 | - |
| R5-233701 | Testability issue in FR2 Relative Power Control test case | Ericsson India Private Limited | noted | R5-233222 | - |
| R5-233702 | Update of SE TRP Offsets | Keysight Technologies UK Ltd | agreed | R5-232628 | - |
| R5-233703 | Update PC2 MSD minimum requirements and test requirements for DC\_2A\_n77A, DC\_13A\_n77A, and DC\_66A\_n77A | Verizon Switzerland AG | agreed | R5-232226 | - |
| R5-233704 | Updates to spurious emissions and additional spurious emissions test cases as part of introduction of LTE Band 54 | Ligado Networks | agreed | R5-232316 | - |
| R5-233705 | Update minimum requirement table for reference sensitivity exceptions and uplink/downlink configurations due to harmonic mixing from a PC3 aggressor | Verizon, Qualcomm, Ericsson | agreed | R5-232242 | - |
| R5-233706 | Correction UL RB configuration for CA\_n1-n3-n78 | MediaTek Beijing Inc. | agreed | R5-232559 | - |
| R5-233707 | Add PDSCH demodulation test case with inter-cell intereference 2Rx FDD | China Telecom | agreed | R5-232838 | - |
| R5-233708 | Add PDSCH demodulation test case with inter-cell intereference 4Rx FDD | China Telecom | agreed | R5-232839 | - |
| R5-233709 | Correction of TRS minimum requirement | Huawei, HiSilicon | approved | R5-233039 | - |
| R5-233710 | Update of eMG case applicabilities | MediaTek Inc. | agreed | R5-232529 | - |
| R5-233711 | Update inter-band NR CA PC2 reference sensitivity minimum requirements for a few 2DL band configurations | Verizon Switzerland AG, Qualcomm, Ericsson | agreed | R5-232245 | - |
| R5-233712 | Update PC2 information for 2DL test configuration exception table and test requirement table for a few NR CA 2DL 2UL combos | Verizon, Qualcomm, Ericsson | agreed | R5-232246 | - |
| R5-233713 | Update inter-band NR CA reference sensitivity exception cases due to UL PC2 | Verizon Switzerland AG, Qualcomm, Ericsson | agreed | R5-232247 | - |
| R5-233714 | Addition on MU and TT for newly introduced RedCap Demod test cases | Ericsson | agreed | R5-232574 | - |
| R5-233715 | Update to test applicability of SUL test cases | Huawei, HiSilicon | agreed | R5-233035 | - |
| R5-233716 | Updates to FR2 RF test case 6.2.5 for EIRP with UL-Gaps | Apple Inc | agreed | R5-233254 | - |
| R5-233717 | Update to test applicability and side condition of beam correspondence | Huawei, HiSilicon | agreed | R5-233030 | - |
| R5-233718 | Adding FR2 Redcap PC7 to Tx Test Config Tables | Qualcomm Tech. Netherlands B.V | agreed | R5-233557 | - |
| R5-233719 | Adding FR2 Redcap Rx EIS test case | Qualcomm Tech. Netherlands B.V | agreed | R5-233558 | - |
| R5-233720 | Update of 6.4G.2.4 EVM equalizer spectrum flatness for Tx Diversity | Huawei, HiSilicon | agreed | R5-232724 | - |
| R5-233721 | Update for PC2 PC3 n39 A-MPR | CMCC, Huawei | agreed | R5-232802 | - |
| R5-233722 | Correction to transmission power in 7.6.3 Out-of-band blocking | Anritsu | agreed | R5-232994 | - |
| R5-233723 | Addition of Annex Q.2 for Relative Phase Error Measurement | Anritsu | agreed | R5-233000 | - |
| R5-233724 | NSA beam correspondence test applicability inconsistent with SA test | Keysight Technologies UK Ltd | agreed | R5-232358 | - |
| R5-233725 | Correction to 6.2B.4.1.3 configured output power for EN-DC | Huawei, HiSilicon | agreed | R5-232753 | - |
| R5-233726 | Correction to Rel-16 NR HST DPS cases | MediaTek Inc. | withdrawn | R5-232528 | - |
| R5-233727 | Update of applicability for FR2 CA test cases | ROHDE & SCHWARZ | agreed | R5-233176 | - |
| R5-233728 | Correction to applicability of 5G test cases | Bureau Veritas ADT, SGS Wireless, Sporton, TTA | agreed | R5-233180 | - |
| R5-233729 | Core spec alignment for antenna configuration for 4.5.3 TCs | Rohde & Schwarz | agreed | R5-233138 | - |
| R5-233730 | Core spec alignment for antenna configuration for 6.5.3 TCs | Rohde & Schwarz | agreed | R5-233139 | - |
| R5-233731 | Applicability update for CLI test cases | Qualcomm Europe Inc. Sweden | agreed | R5-232860 | - |
| R5-233732 | Updates to 10^-5 BLER PDSCH Demodulation test cases | Qualcomm Europe Inc. Sweden | agreed | R5-232852 | - |
| R5-233733 | Work Plan for Rel17 FR2 RF Enhanced Test Methods | Apple Inc | noted | R5-233259 | - |
| R5-233734 | Addition of test frequency for new 3/4 band EN-DC comb | KT Corp. | agreed | R5-233501 | - |
| R5-233735 | Update of Table A.4.3.2B.2.3.2-2 and A.4.3.2B.2.3.3-2 for new 3/4 band EN-DC comb | KT Corp. | agreed | R5-233503 | - |
| R5-233736 | Update to R16 NR CADC configuration test cases applicability | CMCC, Intertek, Rohde&Schwarz | agreed | R5-232789 | - |
| R5-233737 | Updates to Power Saving test cases | Qualcomm Europe Inc. Sweden | agreed | R5-232853 | - |
| R5-233738 | Clarification of UL Tx Switching in EN-DC RF test case | Apple Inc | withdrawn | R5-233235 | - |
| R5-233739 | Update to FR1 CG-SDT test case | Qualcomm France | agreed | R5-233265 | - |
| R5-233740 | Update to RRM idle mode HST test cases | Qualcomm France | agreed | R5-232666 | - |
| R5-233741 | Correction for multi-TRP test case 7.5.5.9 | Qualcomm France | agreed | R5-233266 | - |
| R5-233742 | Update to L2N latency test cases | Qualcomm France | agreed | R5-233267 | - |
| R5-233743 | Editorial correction to chapter 5 with move of 5.2.2.2.18 | Anritsu, Huawei, HiSilicon | agreed | R5-233010 | - |
| R5-233744 | Removal of square brackets from test paramters of RedCap test cases | Anritsu | withdrawn | R5-233016 | - |
| R5-233745 | Addition of test case 5.3.2.2.4, 2Rx TDD FR1 PDCCH performance for RedCap | Ericsson | agreed | R5-232568 | - |
| R5-233746 | Adding SNR value for test 1-4 in test case 5.2.1.1.1 | Ericsson | agreed | R5-232569 | - |
| R5-233747 | Completion of EN-DC FR1 direct SCell activation test case | Nokia, Nokia Shanghai Bell | agreed | R5-232227 | - |
| R5-233748 | Completion of SA FR1 direct SCell activation test case | Nokia, Nokia Shanghai Bell | agreed | R5-232228 | - |
| R5-233749 | Completition SA FR1 direct SCell activation at handover test case | Nokia, Nokia Shanghai Bell | agreed | R5-232230 | - |
| R5-233750 | Addition of test tolerance analysis for test Case of 4.5.3.5 EN-DC FR1 direct SCell activation and test Case of 6.5.3.4 NR SA FR1 direct SCell activation | Nokia, Nokia Shanghai Bell | agreed | R5-232271 | - |
| R5-233751 | Updates to PDSCH Performance Test cases for 1024QAM | Qualcomm Europe Inc. Sweden | revised | R5-232862 | R5-233772 |
| R5-233752 | Correction to RedCap RRM TC 18.3.1.5 interRAT noDRX with TT | Huawei, HiSilicon | agreed | R5-232476 | - |
| R5-233753 | Correction to RedCap RRM TC 18.3.1.6 interRAT DRX with TT | Huawei, HiSilicon | agreed | R5-232477 | - |
| R5-233754 | Correction to RedCap RRM TC 18.3.1.7 interRAT noDRX SBI with TT | Huawei, HiSilicon | agreed | R5-232478 | - |
| R5-233755 | Correction to RedCap RRM TC 18.3.1.8 interRAT DRX SBI with TT | Huawei, Hisilicon | agreed | R5-232479 | - |
| R5-233756 | Correction to NR SA RRM TC 8.4.2.x FR2 interRAT | Huawei, HiSilicon | revised | R5-232493 | R5-233775 |
| R5-233757 | Delays in IoT NTN communications | Keysight Technologies UK Ltd | noted | R5-233229 | - |
| R5-233758 | Frequency Doppler in NR NTN communications | Keysight Technologies UK Ltd | noted | R5-233226 | - |
| R5-233759 | Frequency Doppler in IoT NTN communications | Keysight Technologies UK Ltd | noted | R5-233228 | - |
| R5-233760 | Discussion on power settings in FR1 EVM including symbols with transient period | Anritsu, Apple Inc | noted | R5-233697 | - |
| R5-233761 | Revised WID - UE Conformance - High power UE (power class 2) for EN-DC with 1 LTE band + 1 NR TDD band | China Unicom | noted | - | - |
| R5-233762 | WP - Rel-15 5GS SIG NE-DC | CMCC | noted | - | - |
| R5-233763 | Correction of 36.508 4.1.1 on lower humidity limit in temperature test environment | Samsung R&D Institute UK, ZTE Corporation | agreed | R5-233272 | - |
| R5-233764 | Work plan: UE Conformance - NR sidelink enhancement | CATT | noted | R5-232404 | - |
| R5-233765 | Work plan: UE Conformance - NR Sidelink Relay | CATT | noted | R5-232406 | - |
| R5-233766 | WP Rel-15 NR Transmitter and Receiver Test Cases – SA Range 1 (TS 38.521-1) | Huawei | noted | - | - |
| R5-233767 | WP Rel-15 NR Transmitter and Receiver Test Cases – SA Range 2 (TS 38.521-2) | Huawei | noted | - | - |
| R5-233768 | LS on frequencyInfo for NR SL RSRP measurements | TSG WG RAN5 | approved | R5-233481 | - |
| R5-233769 | WP UE Conformance Test Aspects - LTE-NR & NR-NR Dual Connectivity and NR CA enhancements | Nokia, Nokia Shanghai Bell | noted | R5-232903 | - |
| R5-233770 | Correction to reportQuantity value for 1Tx URLLC CQI test cases | Qualcomm Europe Inc. Sweden | agreed | R5-233268 | - |
| R5-233771 | Correction to RedCap RRM TC 16.3.1.x NCDSSB HO | Huawei, HiSilicon, Starpoint | agreed | R5-232459 | - |
| R5-233772 | Updates to PDSCH Performance Test cases for 1024QAM | Qualcomm Europe Inc. Sweden | agreed | R5-233751 | - |
| R5-233773 | Correction to Annex A for RRM enh TCs | Huawei, HiSilicon | agreed | R5-232490 | - |
| R5-233774 | Correction to reportQuantity value for 1Tx CQI CA test cases | Qualcomm Europe Inc. Sweden | agreed | R5-232867 | - |
| R5-233775 | Correction to NR SA RRM TC 8.4.2.x FR2 interRAT | Huawei, HiSilicon | agreed | R5-233756 | - |
| R5-233776 | Update of NR TC 6.1.2.3-Cell selection | Huawei, Hisilicon | agreed | R5-233464 | - |
| R5-233777 | Addition of new RRC TC for RRCRelease with redirection with mpsPriorityIndication-r16 | Qualcomm CDMA Technologies | agreed | R5-232683 | - |
| R5-233778 | Update applicability for in-band blocking FR2 CA test cases | ROHDE & SCHWARZ | agreed | R5-233177 | - |
| R5-233779 | Correction to Emergency Services test case 11.4.1 | Keysight Technologies UK, Qualcomm | agreed | R5-233473 | - |
| R5-233780 | WP UE Conformance Test Aspects - Rel -16 for CLI handling for NR | Qualcomm Europe Inc. Sweden | noted | R5-232842 | - |

## Annex B: List of change requests

1409 CRs and final revisions at RAN5#99 (458 intermediates not shown)

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Spec | CR | Rev | Rel | Cat | WI | Decision |
| R5-232207 | Correction of test case 15.25 | MCC TF160 | 34.229-1 | 1521 | - | Rel-16 | F | TEI8\_Test | agreed |
| R5-232208 | Correction of test case 17.2 | MCC TF160 | 34.229-1 | 1522 | - | Rel-16 | F | TEI8\_Test | agreed |
| R5-232585 | Updating IMS security profiles | ROHDE & SCHWARZ | 34.229-1 | 1523 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233486 | Updating IMS security profiles | ROHDE & SCHWARZ | 34.229-1 | 1523 | 1 | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232648 | Correction to IMS XCAP test case 15.10 | Keysight Technologies UK | 34.229-1 | 1524 | - | Rel-16 | F | TEI8\_Test | agreed |
| R5-233300 | Correction of test case 19.3.1 | MCC TF160 | 34.229-1 | 1525 | - | Rel-16 | F | TEI9\_Test | agreed |
| R5-233376 | Update to Annex A.2.9 | Qualcomm Incorporated | 34.229-1 | 1526 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232388 | Remove test case 7.4 | Ericsson | 34.229-2 | 0319 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233374 | Remove test case 7.4 | Ericsson | 34.229-2 | 0319 | 1 | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232389 | Remove test case 7.6 | Ericsson | 34.229-2 | 0320 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233375 | Remove test case 7.6 | Ericsson | 34.229-2 | 0320 | 1 | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232390 | Update applicabilities for NG.114 default test cases | Ericsson | 34.229-2 | 0321 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233485 | Update applicabilities for NG.114 default test cases | Ericsson | 34.229-2 | 0321 | 1 | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232649 | Update to applicability of test cases 15.10 and 8.9 based on new PICS for CFNL | Keysight Technologies UK | 34.229-2 | 0322 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232769 | Updates to applicability for Supplementary Services test cases | Ericsson | 34.229-2 | 0323 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232209 | Routine maintenance for TS 34.229-3 | MCC TF160 | 34.229-3 | 0908 | - | Rel-17 | F | TEI8\_Test | agreed |
| R5-232106 | Remove test case 7.4 | Ericsson | 34.229-5 | 0522 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233370 | Remove test case 7.4 | Ericsson | 34.229-5 | 0522 | 1 | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232151 | Remove test case 7.6 | Ericsson | 34.229-5 | 0523 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233371 | Remove test case 7.6 | Ericsson | 34.229-5 | 0523 | 1 | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232152 | Update test case 7.13 | Ericsson | 34.229-5 | 0524 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232153 | Update test case 7.16 | Ericsson | 34.229-5 | 0525 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232154 | Update test case 7.22 | Ericsson | 34.229-5 | 0526 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232178 | Correction to NR IMS test case 10.14 | Anritsu EMEA Ltd, MediaTek | 34.229-5 | 0527 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233446 | Correction to NR IMS test case 10.14 | Anritsu EMEA Ltd, MediaTek | 34.229-5 | 0527 | 1 | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232210 | Correction of test case 7.21 | MCC TF160 | 34.229-5 | 0528 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232211 | Correction of test case 7.26 | MCC TF160, Qualcomm Incorporated | 34.229-5 | 0529 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232212 | Correction of test cases 7.24a and 7.24b | MCC TF160, Qualcomm Incorporated | 34.229-5 | 0530 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232213 | Correction of test cases 8.34, 8.35 and 8.36 | MCC TF160, Qualcomm Incorporated, Ericsson | 34.229-5 | 0531 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233372 | Correction of test cases 8.34, 8.35 and 8.36 | MCC TF160, Qualcomm Incorporated, Ericsson | 34.229-5 | 0531 | 1 | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232334 | Correction to NR IMS test case 7.32 | Anritsu EMEA Ltd | 34.229-5 | 0532 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232387 | Add generic procedure for default MT video call | Ericsson | 34.229-5 | 0533 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232650 | Correction to MT Voice Call Control test case 7.31 and 7.32 | Keysight Technologies UK | 34.229-5 | 0534 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232761 | Updates to Annex A.25 | Ericsson | 34.229-5 | 0535 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232762 | Updates to Annex A.19 | Ericsson | 34.229-5 | 0536 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232763 | Updates to test case 8.6 | Ericsson | 34.229-5 | 0537 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233373 | Updates to test case 8.6 | Ericsson | 34.229-5 | 0537 | 1 | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232764 | Updates to test case 8.34 | Ericsson | 34.229-5 | 0538 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232765 | Updates to test case 8.35 | Ericsson | 34.229-5 | 0539 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232766 | Updates to test case 8.36 | Ericsson | 34.229-5 | 0540 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232767 | Updates to test case 8.37 | Ericsson | 34.229-5 | 0541 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232768 | Updates to test case 8.38 | Ericsson | 34.229-5 | 0542 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232933 | Correction to IMS testcase 10.4 | ROHDE & SCHWARZ, MCCTF160 | 34.229-5 | 0543 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233448 | Correction to IMS testcase 10.4 | ROHDE & SCHWARZ, MCCTF160 | 34.229-5 | 0543 | 1 | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233153 | Update to test case 7.21 | Qualcomm Incorporated | 34.229-5 | 0544 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-233154 | Update to test case 10.14 | Qualcomm Incorporated | 34.229-5 | 0545 | - | Rel-16 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232055 | Correction to generic procedure 4.5.2E | MediaTek Inc. | 36.508 | 1417 | - | Rel-18 | F | LTE\_NR\_MUSIM\_plus\_CT1-UEConTest | agreed |
| R5-232132 | Removal of technical content in TS 36.508 v17.5.0 and substitution with pointer to the next Release | ETSI Secretariat | 36.508 | 1418 | - | Rel-17 | F | TEI17\_Test | agreed |
| R5-232311 | Addition of test frequencies for LTE Band 54 | Ligado Networks | 36.508 | 1419 | - | Rel-18 | F | LTE\_TDD\_1670\_1675MHz-UEConTest | revised |
| R5-233694 | Addition of test frequencies for LTE Band 54 | Ligado Networks | 36.508 | 1419 | 1 | Rel-18 | F | LTE\_TDD\_1670\_1675MHz-UEConTest | agreed |
| R5-232312 | Addition of signalling test frequencies for LTE Band 54 | Ligado Networks | 36.508 | 1420 | - | Rel-18 | F | LTE\_TDD\_1670\_1675MHz-UEConTest | agreed |
| R5-232360 | Updating sf20 value in SystemInformationBlockType24 | ROHDE & SCHWARZ | 36.508 | 1421 | - | Rel-18 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232560 | Update of default configuration for IoT NTN | MediaTek Inc. | 36.508 | 1422 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | revised |
| R5-233437 | Update of default configuration for IoT NTN | MediaTek Inc. | 36.508 | 1422 | 1 | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | agreed |
| R5-232900 | Addition of Ethernet configuration for EHC testing for EUTRA common config | Nokia, Nokia Shanghai Bell | 36.508 | 1423 | - | Rel-18 | F | TEI16\_Test, NR\_IioT-UEConTest | revised |
| R5-233418 | Addition of Ethernet configuration for EHC testing for EUTRA common config | Nokia, Nokia Shanghai Bell | 36.508 | 1423 | 1 | Rel-18 | F | TEI16\_Test, NR\_IioT-UEConTest | agreed |
| R5-233152 | Correction to generic procedure of EIEI test cases with ecall only support | Qualcomm Incorporated | 36.508 | 1424 | - | Rel-18 | F | TEI14\_Test, EIEI-UEConTest | agreed |
| R5-233156 | Addition of system information combination for NBIOT GSO NTN | Qualcomm Incorporated | 36.508 | 1425 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | revised |
| R5-233365 | Addition of system information combination for NBIOT GSO NTN | Qualcomm Incorporated | 36.508 | 1425 | 1 | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | agreed |
| R5-233230 | Updates for IoT NTN | Keysight Technologies UK Ltd | 36.508 | 1426 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_req-UEConTest | withdrawn |
| R5-233270 | Correction of 36.508 4.1.1 on lower humidity limit in temperature test environment | Samsung R&D Institute UK, ZTE Corporation | 36.508 | 1427 | - | Rel-17 | F | TEI10\_Test | withdrawn |
| R5-233272 | Correction of 36.508 4.1.1 on lower humidity limit in temperature test environment | Samsung R&D Institute UK, ZTE Corporation | 36.508 | 1428 | - | Rel-18 | F | TEI8\_Test | revised |
| R5-233763 | Correction of 36.508 4.1.1 on lower humidity limit in temperature test environment | Samsung R&D Institute UK, ZTE Corporation | 36.508 | 1428 | 1 | Rel-18 | F | TEI15\_Test | agreed |
| R5-232133 | Removal of technical content in TS 36.521-1 v17.6.0 and substitution with pointer to the next Release | ETSI Secretariat | 36.521-1 | 5444 | - | Rel-17 | F | TEI17\_Test | agreed |
| R5-232313 | Introduction of LTE Band 54 to common clauses (section 5) | Ligado Networks | 36.521-1 | 5445 | - | Rel-18 | F | LTE\_TDD\_1670\_1675MHz-UEConTest | agreed |
| R5-232314 | Updates to MOP and MPR test cases as part of introduction of LTE Band 54 | Ligado Networks | 36.521-1 | 5446 | - | Rel-18 | F | LTE\_TDD\_1670\_1675MHz-UEConTest | agreed |
| R5-232315 | Updates to A-MPR test cases as part of introduction of LTE Band 54 | Ligado Networks | 36.521-1 | 5447 | - | Rel-18 | F | LTE\_TDD\_1670\_1675MHz-UEConTest | agreed |
| R5-232316 | Updates to spurious emissions and additional spurious emissions test cases as part of introduction of LTE Band 54 | Ligado Networks | 36.521-1 | 5448 | - | Rel-18 | F | LTE\_TDD\_1670\_1675MHz-UEConTest | revised |
| R5-233704 | Updates to spurious emissions and additional spurious emissions test cases as part of introduction of LTE Band 54 | Ligado Networks | 36.521-1 | 5448 | 1 | Rel-18 | F | LTE\_TDD\_1670\_1675MHz-UEConTest | agreed |
| R5-232321 | Updates to receiver reference sensitivity test cases as part of introduction of LTE Band 54 | Ligado Networks | 36.521-1 | 5449 | - | Rel-18 | F | LTE\_TDD\_1670\_1675MHz-UEConTest | agreed |
| R5-232322 | Updates to receiver blocking test cases as part of introduction of LTE Band 54 | Ligado Networks | 36.521-1 | 5450 | - | Rel-18 | F | LTE\_TDD\_1670\_1675MHz-UEConTest | agreed |
| R5-232375 | Correction of Spurious emissions for UE co-existence requirement of LTE | CAICT | 36.521-1 | 5451 | - | Rel-18 | F | TEI8\_Test | withdrawn |
| R5-232392 | CR for 36.521-1 on p-Max corrections for Power Class 1 Band 14 | AT&T, Apple Inc | 36.521-1 | 5452 | - | Rel-18 | F | TEI15\_Test | agreed |
| R5-232988 | Correction to upper and lower limit of NS\_23 in 6.2.4 | Anritsu | 36.521-1 | 5453 | - | Rel-18 | F | TEI12\_Test | agreed |
| R5-232989 | Correction to lower limit of NS\_05 in 6.2.4A.2\_1 | Anritsu | 36.521-1 | 5454 | - | Rel-18 | F | TEI13\_Test, LTE\_CA\_Rel13-UEConTest | agreed |
| R5-233029 | Clarification of spurious emsission testing configuration - LTE | Huawei, HiSilicon | 36.521-1 | 5455 | - | Rel-18 | F | TEI17\_Test | revised |
| R5-233546 | Clarification of spurious emsission testing configuration - LTE | Huawei, HiSilicon | 36.521-1 | 5455 | 1 | Rel-18 | F | TEI17\_Test | agreed |
| R5-233165 | Update of UE category in test case 7.4 | ROHDE & SCHWARZ | 36.521-1 | 5456 | - | Rel-18 | F | TEI8\_Test | agreed |
| R5-232134 | Removal of technical content in TS 36.521-2 v17.2.0 and substitution with pointer to the next Release | ETSI Secretariat | 36.521-2 | 1005 | - | Rel-17 | F | TEI17\_Test | agreed |
| R5-232323 | Updates to test case applicability as part of introduction of LTE Band 54 | Ligado Networks | 36.521-2 | 1006 | - | Rel-18 | F | LTE\_TDD\_1670\_1675MHz-UEConTest | agreed |
| R5-232449 | Correct of condition for intra-band contiguous DL CA and UL CA | Sporton | 36.521-2 | 1007 | - | Rel-18 | F | TEI10\_Test | agreed |
| R5-233187 | Editorial correction to table ID reference in Table A.4.5-1 | Bureau Veritas ADT | 36.521-2 | 1008 | - | Rel-18 | F | TEI13\_Test | agreed |
| R5-232324 | Updates to groups of band as part of introduction of LTE Band 54 | Ligado Networks | 36.521-3 | 2671 | - | Rel-18 | F | LTE\_TDD\_1670\_1675MHz-UEConTest | agreed |
| R5-232077 | Correction to MAC eDRX TC 7.1.6.x | MediaTek Inc. | 36.523-1 | 5203 | - | Rel-18 | F | TEI13\_Test | revised |
| R5-233314 | Correction to MAC eDRX TC 7.1.6.x | MediaTek Inc. | 36.523-1 | 5203 | 1 | Rel-18 | F | TEI13\_Test | agreed |
| R5-232094 | Add new test case 13.6.2 Inter-system mobility between untrusted Non-3GPP and 3GPP system/Handover from ePDG/EPC to E-UTRAN/EPC | China Telecom | 36.523-1 | 5204 | - | Rel-17 | F | TEI15\_Test | withdrawn |
| R5-232135 | Removal of technical content in TS 36.523-1 v17.5.0 and substitution with pointer to the next Release | ETSI Secretariat | 36.523-1 | 5205 | - | Rel-17 | F | TEI17\_Test | agreed |
| R5-232535 | Correction to IoT NTN TC 6.1.1.11 | MediaTek Inc. | 36.523-1 | 5206 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | revised |
| R5-233438 | Correction to IoT NTN TC 6.1.1.11 | MediaTek Inc. | 36.523-1 | 5206 | 1 | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | agreed |
| R5-232536 | Correction to IoT NTN TC 7.1.6.6 | MediaTek Inc. | 36.523-1 | 5207 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | revised |
| R5-233439 | Correction to IoT NTN TC 7.1.6.6 | MediaTek Inc. | 36.523-1 | 5207 | 1 | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | agreed |
| R5-232537 | Correction to IoT NTN TC 9.2.1.1.34 | MediaTek Inc. | 36.523-1 | 5208 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | withdrawn |
| R5-232538 | Correction to IoT NTN TC 22.2.13 | MediaTek Inc. | 36.523-1 | 5209 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | revised |
| R5-233440 | Correction to IoT NTN TC 22.2.13 | MediaTek Inc. | 36.523-1 | 5209 | 1 | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | agreed |
| R5-232539 | Correction to IoT NTN TC 22.3.1.5a | MediaTek Inc., Qualcomm Incorporated | 36.523-1 | 5210 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | revised |
| R5-233441 | Correction to IoT NTN TC 22.3.1.5a | MediaTek Inc., Qualcomm Incorporated | 36.523-1 | 5210 | 1 | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | agreed |
| R5-232540 | Correction to IoT NTN TC 22.5.23 | MediaTek Inc. | 36.523-1 | 5211 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | withdrawn |
| R5-232541 | Correction to Idle Mode Test Case to enable IoT NTN test | MediaTek Inc. | 36.523-1 | 5212 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | revised |
| R5-233451 | Correction to Idle Mode Test Case to enable IoT NTN test | MediaTek Inc. | 36.523-1 | 5212 | 1 | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | withdrawn |
| R5-232542 | Correction to RRC Test Case to enable IoT NTN test | MediaTek Inc. | 36.523-1 | 5213 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | revised |
| R5-233452 | Correction to RRC Test Case to enable IoT NTN test | MediaTek Inc. | 36.523-1 | 5213 | 1 | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | withdrawn |
| R5-232543 | Correction to NAS Test Case to enable IoT NTN test | MediaTek Inc. | 36.523-1 | 5214 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | revised |
| R5-233364 | Correction to NAS Test Case to enable IoT NTN test | MediaTek Inc. | 36.523-1 | 5214 | 1 | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | withdrawn |
| R5-232544 | Correction to NB-IoT Test Case to enable IoT NTN test | MediaTek Inc. | 36.523-1 | 5215 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | revised |
| R5-233453 | Correction to NB-IoT Test Case to enable IoT NTN test | MediaTek Inc. | 36.523-1 | 5215 | 1 | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | withdrawn |
| R5-232719 | Update of MUSIM test case 9.2.1.1.33 | TDIA, CATT | 36.523-1 | 5216 | - | Rel-17 | F | LTE\_NR\_MUSIM\_plus\_CT1-UEConTest | withdrawn |
| R5-232901 | Correction to EHC testcase 7.3.6.2 for EUTRA | Nokia, Nokia Shanghai Bell | 36.523-1 | 5217 | - | Rel-18 | F | TEI16\_Test, NR\_IioT-UEConTest | revised |
| R5-233419 | Correction to EHC testcase 7.3.6.2 for EUTRA | Nokia, Nokia Shanghai Bell | 36.523-1 | 5217 | 1 | Rel-18 | F | TEI16\_Test, NR\_IioT-UEConTest | agreed |
| R5-232906 | Correction to RRC downlink segmentation test case 8.5.5.2 | MediaTek Inc. | 36.523-1 | 5218 | - | Rel-18 | F | TEI16\_Test | revised |
| R5-233315 | Correction to RRC downlink segmentation test case 8.5.5.2 | MediaTek Inc. | 36.523-1 | 5218 | 1 | Rel-18 | F | TEI16\_Test | agreed |
| R5-233022 | Correction to LTE TC 8.2.1.5 for CAT-M1 | Anritsu EMEA Ltd | 36.523-1 | 5219 | - | Rel-18 | F | TEI8\_Test, LTE\_MTCe2\_L1-UEConTest | agreed |
| R5-233148 | Update to EIEI test case 11.3.2 | Qualcomm Incorporated, MCC TF160 | 36.523-1 | 5220 | - | Rel-18 | F | TEI14\_Test, EIEI-UEConTest | agreed |
| R5-233150 | Update to EIEI test case 11.3.1 | Qualcomm Incorporated, MCC TF160 | 36.523-1 | 5221 | - | Rel-18 | F | TEI14\_Test, EIEI-UEConTest | agreed |
| R5-233155 | Update to NBIOT NTN test case 22.3.1.5a | Qualcomm Incorporated | 36.523-1 | 5222 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | withdrawn |
| R5-233160 | Update to NBIOT NTN multi-TAC test case 22.2.13 | Qualcomm Incorporated | 36.523-1 | 5223 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | revised |
| R5-233367 | Update to NBIOT NTN multi-TAC test case 22.2.13 | Qualcomm Incorporated | 36.523-1 | 5223 | 1 | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | agreed |
| R5-233273 | Update of MUSIM test case 9.2.1.1.33 | TDIA, CATT | 36.523-1 | 5224 | - | Rel-18 | F | LTE\_NR\_MUSIM\_plus\_CT1-UEConTest | revised |
| R5-233487 | Update of MUSIM test case 9.2.1.1.33 | TDIA, CATT | 36.523-1 | 5224 | 1 | Rel-18 | F | LTE\_NR\_MUSIM\_plus\_CT1-UEConTest | agreed |
| R5-233274 | Add new test case 13.6.2 Inter-system mobility between untrusted Non-3GPP and 3GPP system/Handover from ePDG/EPC to E-UTRAN/EPC | China Telecom | 36.523-1 | 5225 | - | Rel-18 | F | TEI15\_Test | revised |
| R5-233316 | Add new test case 13.6.2 Inter-system mobility between untrusted Non-3GPP and 3GPP system/Handover from ePDG/EPC to E-UTRAN/EPC | China Telecom | 36.523-1 | 5225 | 1 | Rel-18 | F | TEI15\_Test | agreed |
| R5-232136 | Removal of technical content in TS 36.523-2 v17.5.0 and substitution with pointer to the next Release | ETSI Secretariat | 36.523-2 | 1399 | - | Rel-17 | F | TEI17\_Test | agreed |
| R5-232309 | Add applicability for Inter-system mobility between untrusted Non-3GPP and 3GPP system/Handover from ePDG/EPC to E-UTRAN/EPC | China Telecom | 36.523-2 | 1400 | - | Rel-18 | F | TEI15\_Test | agreed |
| R5-232325 | Updates to test case applicability as part of Introduction of LTE Band 54 | Ligado Networks | 36.523-2 | 1401 | - | Rel-18 | F | LTE\_TDD\_1670\_1675MHz-UEConTest | agreed |
| R5-232545 | Update of applicability for IoT NTN | MediaTek Inc. | 36.523-2 | 1402 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | revised |
| R5-233366 | Update of applicability for IoT NTN | MediaTek Inc. | 36.523-2 | 1402 | 1 | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | agreed |
| R5-232546 | Applicable eMTC cases for IoT NTN | MediaTek Inc. | 36.523-2 | 1403 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | withdrawn |
| R5-232547 | Applicable NB-IoT cases for IoT NTN | MediaTek Inc. | 36.523-2 | 1404 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | withdrawn |
| R5-233290 | Test case title correction for 8.5.5.2 | MediaTek Inc | 36.523-2 | 1405 | - | Rel-18 | F | TEI16\_Test | agreed |
| R5-233442 | Update to NTN PICS parameters | Qualcomm | 36.523-2 | 1406 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | agreed |
| R5-233443 | RAT specific PICS parameter update to applicability of NTN test cases | Qualcomm | 36.523-2 | 1407 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | revised |
| R5-233479 | RAT specific PICS parameter update to applicability of NTN test cases | Qualcomm | 36.523-2 | 1407 | 1 | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | agreed |
| R5-233444 | Applicability of legacy NB-IoT test cases to NTN GSO only UEs | Qualcomm | 36.523-2 | 1408 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | revised |
| R5-233480 | Applicability of legacy NB-IoT test cases to NTN GSO only UEs | Qualcomm | 36.523-2 | 1408 | 1 | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | agreed |
| R5-232193 | NTN-IoT: NB-IoT Test Model updates | MCC TF160 | 36.523-3 | 4733 | - | Rel-17 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | revised |
| R5-233454 | NTN-IoT: NB-IoT Test Model updates | MCC TF160 | 36.523-3 | 4733 | 1 | Rel-17 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | agreed |
| R5-232206 | Routine maintenance for TS 36.523-3 | MCC TF160, Anritsu EMEA Ltd. | 36.523-3 | 4734 | - | Rel-17 | F | TEI8\_Test | agreed |
| R5-232326 | Updates to guidelines on test execution for LTE Band 54 | Ligado Networks | 36.523-3 | 4736 | - | Rel-18 | F | LTE\_TDD\_1670\_1675MHz-UEConTest | revised |
| R5-233414 | Updates to guidelines on test execution for LTE Band 54 | Ligado Networks | 36.523-3 | 4736 | 1 | Rel-18 | F | LTE\_TDD\_1670\_1675MHz-UEConTest | agreed |
| R5-232137 | Removal of technical content in TS 36.579-1 v15.9.0 and substitution with pointer to the next Release | ETSI Secretariat | 36.579-1 | 0300 | - | Rel-15 | F | TEI15\_Test | agreed |
| R5-232214 | Correction of clause 5.5.11.3.5 | MCC TF160 | 36.579-1 | 0301 | - | Rel-16 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-232215 | Correction of clause 5.5.4.10.1 | MCC TF160, UPV/EHU, Nemergent Solutions | 36.579-1 | 0302 | - | Rel-16 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-232216 | Correction of clause 5.5.6.11 | MCC TF160 | 36.579-1 | 0303 | - | Rel-16 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-232217 | Correction of clause 5.5.8.12 | MCC TF160 | 36.579-1 | 0304 | - | Rel-16 | F | TEI14\_Test, MCImp-UEConTest | withdrawn |
| R5-232218 | Correction of clause 5.5.8.3 | MCC TF160 | 36.579-1 | 0305 | - | Rel-16 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-232597 | Updates to MCData UE Configuration and User Profile | NIST | 36.579-1 | 0306 | - | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | revised |
| R5-233488 | Updates to MCData UE Configuration and User Profile | NIST | 36.579-1 | 0306 | 1 | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | agreed |
| R5-232598 | Addition of MCData Functional Alias Generic Procedures | NIST | 36.579-1 | 0307 | - | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | withdrawn |
| R5-232599 | Updates to MCData PIDF for functional alias | NIST | 36.579-1 | 0308 | - | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | revised |
| R5-233489 | Updates to MCData PIDF for functional alias | NIST | 36.579-1 | 0308 | 1 | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | agreed |
| R5-232600 | Updates to 5.3.3 Pre-Established Session Establishment Generic TC | NIST | 36.579-1 | 0309 | - | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | revised |
| R5-233490 | Updates to 5.3.3 Pre-Established Session Establishment Generic TC | NIST | 36.579-1 | 0309 | 1 | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | agreed |
| R5-232601 | Updates to MCData-Info from the UE | NIST | 36.579-1 | 0310 | - | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | revised |
| R5-233491 | Updates to MCData-Info from the UE | NIST | 36.579-1 | 0310 | 1 | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | agreed |
| R5-232602 | Updates to SDP Message from the SS for MCData | NIST | 36.579-1 | 0311 | - | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | revised |
| R5-233294 | Updates to SDP Message from the SS for MCData | NIST | 36.579-1 | 0311 | 1 | Rel-17 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | agreed |
| R5-232603 | Updates to SDP Message from the UE for MCData | NIST | 36.579-1 | 0312 | - | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | revised |
| R5-233492 | Updates to SDP Message from the UE for MCData | NIST | 36.579-1 | 0312 | 1 | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | agreed |
| R5-233293 | Addition of generic Functional Alias Generic Procedures | NIST | 36.579-1 | 0313 | - | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | agreed |
| R5-232138 | Removal of technical content in TS 36.579-2 v15.7.0 and substitution with pointer to the next Release | ETSI Secretariat | 36.579-2 | 0327 | - | Rel-15 | F | TEI15\_Test | agreed |
| R5-232195 | Correction of test case 5.9 | MCC TF160 | 36.579-2 | 0328 | - | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | agreed |
| R5-232219 | Correction of clause 2 | MCC TF160 | 36.579-2 | 0329 | - | Rel-16 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-232220 | Correction of test case 6.1.1.16 | MCC TF160 | 36.579-2 | 0330 | - | Rel-16 | F | TEI14\_Test, MCPTT-ConTest | agreed |
| R5-232139 | Removal of technical content in TS 36.579-4 v15.5.0 and substitution with pointer to the next Release | ETSI Secretariat | 36.579-4 | 0028 | - | Rel-15 | F | TEI15\_Test | agreed |
| R5-232605 | Updates to Applicability | NIST | 36.579-4 | 0029 | - | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | agreed |
| R5-232221 | Routine maintenance for TS 36.579-5 | MCC TF160 | 36.579-5 | 0093 | - | Rel-17 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-232604 | Update to MCX PIXITs for MCData Functional Alias | NIST | 36.579-5 | 0094 | - | Rel-17 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | agreed |
| R5-232140 | Removal of technical content in TS 36.579-6 v15.6.0 and substitution with pointer to the next Release | ETSI Secretariat | 36.579-6 | 0092 | - | Rel-15 | F | TEI15\_Test | agreed |
| R5-232196 | Correction of test case 6.4.2 | MCC TF160 | 36.579-6 | 0093 | - | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | agreed |
| R5-232222 | Correction of clause 2 | MCC TF160 | 36.579-6 | 0094 | - | Rel-16 | F | TEI14\_Test, MCImp-UEConTest | agreed |
| R5-232223 | Correction of test case 6.3.2 | MCC TF160 | 36.579-6 | 0095 | - | Rel-16 | F | TEI15\_Test, MCenhUEConTest | agreed |
| R5-232594 | Addition of new test case 5.5 for Pre-established Session Configuration | NIST | 36.579-7 | 0034 | - | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | agreed |
| R5-232595 | Addition of new test case 5.6 for CSK Download | NIST | 36.579-7 | 0035 | - | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | agreed |
| R5-232596 | Addition of new test case 5.7 for Functional Alias | NIST | 36.579-7 | 0036 | - | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | revised |
| R5-233493 | Addition of new test case 5.7 for Functional Alias | NIST | 36.579-7 | 0036 | 1 | Rel-16 | F | MCProtoc16\_enh2MCPTT\_eMCData2-ConTest | agreed |
| R5-232141 | Removal of technical content in TR 36.903 v16.1.0 and substitution with pointer to the next Release | ETSI Secretariat | 36.903 | 0449 | - | Rel-16 | F | TEI16\_Test | agreed |
| R5-232142 | Removal of technical content in TR 36.903 v17.0.0 and substitution with pointer to the next Release | ETSI Secretariat | 36.903 | 0450 | - | Rel-17 | F | TEI17\_Test | agreed |
| R5-232143 | Removal of technical content in TR 36.904 v14.0.0 and substitution with pointer to the next Release | ETSI Secretariat | 36.904 | 0061 | - | Rel-14 | F | TEI14\_Test | agreed |
| R5-232144 | Removal of technical content in TR 36.904 v15.0.0 and substitution with pointer to the next Release | ETSI Secretariat | 36.904 | 0062 | - | Rel-15 | F | TEI15\_Test | agreed |
| R5-232145 | Removal of technical content in TR 36.904 v16.0.0 and substitution with pointer to the next Release | ETSI Secretariat | 36.904 | 0063 | - | Rel-16 | F | TEI16\_Test | agreed |
| R5-232146 | Removal of technical content in TR 36.904 v17.0.0 and substitution with pointer to the next Release | ETSI Secretariat | 36.904 | 0064 | - | Rel-17 | F | TEI17\_Test | agreed |
| R5-232147 | Removal of technical content in TR 36.905 v17.0.0 and substitution with pointer to the next Release | ETSI Secretariat | 36.905 | 0249 | - | Rel-17 | F | TEI17\_Test | agreed |
| R5-232820 | IoT NTN test point analysis | CMCC, MTK, Sporton | 36.905 | 0250 | - | Rel-18 | F | LTE\_NBIOT\_eMTC\_NTN\_req-UEConTest | agreed |
| R5-232079 | Correction to PRS-RSRP test cases 16.3.2 | CATT | 37.571-1 | 0407 | - | Rel-17 | F | NR\_pos-UEConTest | agreed |
| R5-232080 | Addition of NR PRS-based measurement requirements for PRS-RSRP accuracy test case | CATT | 37.571-1 | 0408 | - | Rel-17 | F | NR\_pos-UEConTest | agreed |
| R5-232148 | Removal of technical content in TS 37.571-1 v16.16.0 and substitution with pointer to the next Release | ETSI Secretariat | 37.571-1 | 0409 | - | Rel-16 | F | TEI16\_Test | agreed |
| R5-232430 | Completion 16.2.1 with TT analysis results | Rohde & Schwarz | 37.571-1 | 0410 | - | Rel-17 | F | NR\_pos-UEConTest | revised |
| R5-233651 | Completion 16.2.1 with TT analysis results | Rohde & Schwarz | 37.571-1 | 0410 | 1 | Rel-17 | F | NR\_pos-UEConTest | agreed |
| R5-232431 | Completion 16.2.2 with TT analysis results | Rohde & Schwarz | 37.571-1 | 0411 | - | Rel-17 | F | NR\_pos-UEConTest | revised |
| R5-233652 | Completion 16.2.2 with TT analysis results | Rohde & Schwarz | 37.571-1 | 0411 | 1 | Rel-17 | F | NR\_pos-UEConTest | agreed |
| R5-232432 | Completion 16.3.1 with TT analysis results | ROHDE & SCHWARZ | 37.571-1 | 0412 | - | Rel-17 | F | NR\_pos-UEConTest | withdrawn |
| R5-232433 | Corrections to A-GNSS minimum performance test scenarios | Rohde & Schwarz | 37.571-1 | 0413 | - | Rel-17 | F | TEI10\_Test | revised |
| R5-233680 | Corrections to A-GNSS minimum performance test scenarios | Rohde & Schwarz | 37.571-1 | 0413 | 1 | Rel-17 | F | TEI10\_Test | agreed |
| R5-232434 | Corrections to A-GNSS minimum performance test scenarios chapter 13 | Rohde & Schwarz | 37.571-1 | 0414 | - | Rel-17 | F | TEI15\_Test | revised |
| R5-233681 | Corrections to A-GNSS minimum performance test scenarios chapter 13 | Rohde & Schwarz | 37.571-1 | 0414 | 1 | Rel-17 | F | TEI15\_Test | agreed |
| R5-232435 | Corrections to A-Galileo relative signal power | Rohde & Schwarz | 37.571-1 | 0415 | - | Rel-17 | F | TEI10\_Test | withdrawn |
| R5-232438 | Annex C updated for PRS-RSRP TT results | Rohde & Schwarz | 37.571-1 | 0416 | - | Rel-17 | F | NR\_pos-UEConTest | agreed |
| R5-232710 | Completion 16.3.1 with TT analysis results | ROHDE & SCHWARZ | 37.571-1 | 0417 | - | Rel-17 | F | NR\_pos-UEConTest | agreed |
| R5-232149 | Removal of technical content in TS 37.571-2 v16.15.0 and substitution with pointer to the next Release | ETSI Secretariat | 37.571-2 | 0172 | - | Rel-16 | F | TEI16\_Test | agreed |
| R5-232262 | Introduction of R17 Positioning Enhancements default test conditions in TS 37.571-2 | CATT | 37.571-2 | 0173 | - | Rel-17 | F | NR\_pos\_enh-UEConTest | revised |
| R5-233395 | Introduction of R17 Positioning Enhancements default test conditions in TS 37.571-2 | CATT | 37.571-2 | 0173 | 1 | Rel-17 | F | NR\_pos\_enh-UEConTest | agreed |
| R5-232263 | Addition of new positioning test case for pre-configured measurement gap procedures | CATT | 37.571-2 | 0174 | - | Rel-17 | F | NR\_pos\_enh-UEConTest | revised |
| R5-233396 | Addition of new positioning test case for pre-configured measurement gap procedures | CATT | 37.571-2 | 0174 | 1 | Rel-17 | F | NR\_pos\_enh-UEConTest | agreed |
| R5-232264 | Addition of new positioning test case for pre-configured PRS processing window procedures | CATT | 37.571-2 | 0175 | - | Rel-17 | F | NR\_pos\_enh-UEConTest | revised |
| R5-233397 | Addition of new positioning test case for pre-configured PRS processing window procedures | CATT | 37.571-2 | 0175 | 1 | Rel-17 | F | NR\_pos\_enh-UEConTest | agreed |
| R5-232265 | Addition of new positioning test case for UE positioning assistance information procedures | CATT | 37.571-2 | 0176 | - | Rel-17 | F | NR\_pos\_enh-UEConTest | revised |
| R5-233398 | Addition of new positioning test case for UE positioning assistance information procedures | CATT | 37.571-2 | 0176 | 1 | Rel-17 | F | NR\_pos\_enh-UEConTest | agreed |
| R5-232266 | Addition of test applicabilities for Release-17 NR positioning enhancement signaling test cases | CATT | 37.571-3 | 0161 | - | Rel-17 | F | NR\_pos\_enh-UEConTest | revised |
| R5-233399 | Addition of test applicabilities for Release-17 NR positioning enhancement signaling test cases | CATT | 37.571-3 | 0161 | 1 | Rel-17 | F | NR\_pos\_enh-UEConTest | agreed |
| R5-232439 | Test applicability for PRS-RSRP test cases | Rohde & Schwarz | 37.571-3 | 0162 | - | Rel-17 | F | NR\_pos-UEConTest | agreed |
| R5-232150 | Removal of technical content in TS 37.571-5 v16.10.0 and substitution with pointer to the next Release | ETSI Secretariat | 37.571-5 | 0219 | - | Rel-16 | F | TEI16\_Test | agreed |
| R5-232436 | Addition A-GNSS minimum performance test scenarios for RNSS | ROHDE & SCHWARZ | 37.571-5 | 0220 | - | Rel-17 | F | TEI10\_Test | withdrawn |
| R5-232437 | Corrections to A-GPS + A-GLO test scenario | Rohde & Schwarz | 37.571-5 | 0221 | - | Rel-17 | F | TEI10\_Test | agreed |
| R5-232711 | Addition A-GNSS mininimum performance test scenarios for RNSS | ROHDE & SCHWARZ | 37.571-5 | 0222 | - | Rel-17 | F | TEI10\_Test | revised |
| R5-233682 | Addition A-GNSS mininimum performance test scenarios for RNSS | ROHDE & SCHWARZ | 37.571-5 | 0222 | 1 | Rel-17 | F | TEI10\_Test | agreed |
| R5-233021 | Correction in A.3.1.1.2 and default message content | Keysight Technologies UK Ltd | 37.901-5 | 0033 | - | Rel-16 | F | TEI16\_Test, FS\_UE\_5GNR\_App\_Data\_Perf | revised |
| R5-233683 | Correction in A.3.1.1.2 and default message content | Keysight Technologies UK Ltd | 37.901-5 | 0033 | 1 | Rel-16 | F | TEI16\_Test, FS\_UE\_5GNR\_App\_Data\_Perf | agreed |
| R5-233149 | Correction in A.12.1.1 test | Keysight Technologies UK Ltd | 37.901-5 | 0034 | - | Rel-16 | F | FS\_UE\_5GNR\_App\_Data\_Perf, TEI16\_Test | withdrawn |
| R5-233151 | Correction in A.12.1.1 test scenario | Keysight Technologies UK Ltd | 37.901-5 | 0035 | - | Rel-16 | F | TEI16\_Test, FS\_UE\_5GNR\_App\_Data\_Perf | revised |
| R5-233684 | Correction in A.12.1.1 test scenario | Keysight Technologies UK Ltd | 37.901-5 | 0035 | 1 | Rel-16 | F | TEI16\_Test, FS\_UE\_5GNR\_App\_Data\_Perf | agreed |
| R5-233221 | Updates to Initial Conditions for Conducted Mode Fading Tests | Qualcomm Europe Inc. Sweden | 37.901-5 | 0036 | - | Rel-16 | F | TEI16\_Test, FS\_UE\_5GNR\_App\_Data\_Perf | agreed |
| R5-232056 | Correction to test procedure 4.9.9 | MediaTek Inc. | 38.508-1 | 2752 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232057 | Correction to PDCCH-Config for DCI\_2-6 | MediaTek Inc. | 38.508-1 | 2753 | - | Rel-17 | F | TEI16\_Test, NR\_UE\_pow\_sav-UEConTest | withdrawn |
| R5-232237 | Addition and updation of tables for HST FR2 scenario | Nokia, Nokia Shanghai Bell | 38.508-1 | 2754 | - | Rel-17 | F | NR\_HST\_FR2-UEConTest | revised |
| R5-233674 | Addition and updation of tables for HST FR2 scenario | Nokia, Nokia Shanghai Bell | 38.508-1 | 2754 | 1 | Rel-17 | F | NR\_HST\_FR2-UEConTest | agreed |
| R5-232288 | Add generic procedure for Switch off / Power off procedure in MA PDU session Established on NR and WLAN | ZTE Corporation | 38.508-1 | 2755 | - | Rel-17 | F | ATSSS-UEConTest | revised |
| R5-233429 | Add generic procedure for Switch off / Power off procedure in MA PDU session Established on NR and WLAN | ZTE Corporation | 38.508-1 | 2755 | 1 | Rel-17 | F | ATSSS-UEConTest | agreed |
| R5-232337 | Addition of test frequencies for new 3CC EN-DC comb within FR2 | KDDI Corporation | 38.508-1 | 2756 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232338 | Addition of test frequencies for new EN-DC comb within FR2 | KDDI Corporation | 38.508-1 | 2757 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232350 | RF message exceptions for K1 and number of HARQ processes in CA | Keysight Technologies UK Ltd, Anritsu Limited, Rohde & Schwarz | 38.508-1 | 2758 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232359 | Correction of test frequency parameters for n79 | Keysight Technologies UK Ltd, Huawei,Hisilicon | 38.508-1 | 2759 | - | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-233699 | Correction of test frequency parameters for n79 | Keysight Technologies UK Ltd, Huawei,Hisilicon | 38.508-1 | 2759 | 1 | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-232396 | Corrections to Clause 6.2.3.7 Test frequencies for NR sidelink configurations for signalling testing | Qualcomm Technologies Ireland | 38.508-1 | 2760 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232440 | Correction NZP-CSI-RS-ResourceSet for FR1 | ROHDE & SCHWARZ | 38.508-1 | 2761 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232441 | Introduction of test channel bandwidths for new NR band n13 | Nokia, Nokia Shanghai Bell | 38.508-1 | 2762 | - | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-232442 | Introduction of test frequencies for new NR band n13 | Nokia, Nokia Shanghai Bell | 38.508-1 | 2763 | - | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-232443 | Introduction of test frequencies for signalling testing for new NR band n13 | Nokia, Nokia Shanghai Bell | 38.508-1 | 2764 | - | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-232497 | Correction to default configuration of RRC IEs for NR cov enh test | Huawei, HiSilicon | 38.508-1 | 2765 | - | Rel-17 | F | NR\_cov\_enh-UEConTest | agreed |
| R5-232520 | NR NTN test frequencies for n255 | Google | 38.508-1 | 2766 | - | Rel-17 | F | NR\_NTN\_solutions\_plus\_CT-UEConTest | agreed |
| R5-232576 | Correction to RRC IEs for NR sidelink test | Huawei, HiSilicon | 38.508-1 | 2767 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-232638 | Correction to switch off test procedure | Keysight Technologies UK, MediaTek Inc. | 38.508-1 | 2768 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233474 | Correction to switch off test procedure | Keysight Technologies UK, MediaTek Inc. | 38.508-1 | 2768 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232639 | Correction to introduce search space configuration changes for DCI\_2-6 transmission | Keysight Technologies UK | 38.508-1 | 2769 | - | Rel-17 | F | TEI16\_Test, NR\_UE\_pow\_sav-UEConTest | revised |
| R5-233317 | Correction to introduce search space configuration changes for DCI\_2-6 transmission | Keysight Technologies UK | 38.508-1 | 2769 | 1 | Rel-17 | F | TEI16\_Test, NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-232654 | Update of NR inter-band CA configurations in FR1 for CA\_n3A-n8A | China Unicom | 38.508-1 | 2770 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232690 | Updates to SIB19 for NR NTN | Qualcomm CDMA Technologies | 38.508-1 | 2771 | - | Rel-17 | F | NR\_NTN\_solutions\_plus\_CT-UEConTest | revised |
| R5-233434 | Updates to SIB19 for NR NTN | Qualcomm CDMA Technologies | 38.508-1 | 2771 | 1 | Rel-17 | F | NR\_NTN\_solutions\_plus\_CT-UEConTest | agreed |
| R5-232691 | Update IE ServingCellConfigCommon for NR NTN | Qualcomm CDMA Technologies | 38.508-1 | 2772 | - | Rel-17 | F | NR\_NTN\_solutions\_plus\_CT-UEConTest | revised |
| R5-233435 | Update IE ServingCellConfigCommon for NR NTN | Qualcomm CDMA Technologies | 38.508-1 | 2772 | 1 | Rel-17 | F | NR\_NTN\_solutions\_plus\_CT-UEConTest | agreed |
| R5-232692 | Update to clause 4.4.3 Common parameters for NR NTN | Qualcomm CDMA Technologies | 38.508-1 | 2773 | - | Rel-17 | F | NR\_NTN\_solutions\_plus\_CT-UEConTest | revised |
| R5-233436 | Update to clause 4.4.3 Common parameters for NR NTN | Qualcomm CDMA Technologies | 38.508-1 | 2773 | 1 | Rel-17 | F | NR\_NTN\_solutions\_plus\_CT-UEConTest | agreed |
| R5-232693 | Addition of NTN freq bands to clause 6.2.3 for Default test frequencies | Qualcomm CDMA Technologies | 38.508-1 | 2774 | - | Rel-17 | F | NR\_NTN\_solutions\_plus\_CT-UEConTest | agreed |
| R5-232694 | Addition of new clause for UE Position Requirements for NR NTN testing | Qualcomm CDMA Technologies | 38.508-1 | 2775 | - | Rel-17 | F | NR\_NTN\_solutions\_plus\_CT-UEConTest | revised |
| R5-233369 | Addition of new clause for UE Position Requirements for NR NTN testing | Qualcomm CDMA Technologies | 38.508-1 | 2775 | 1 | Rel-17 | F | NR\_NTN\_solutions\_plus\_CT-UEConTest | agreed |
| R5-232712 | Correction NZP-CSI-RS-ResourceSet for FR1 | ROHDE & SCHWARZ | 38.508-1 | 2776 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232713 | Addition of PC5 RRC message uuMessageTransferSidelink | TDIA, CATT | 38.508-1 | 2777 | - | Rel-17 | F | NR\_SL\_relay-UEConTest | revised |
| R5-233423 | Addition of PC5 RRC message uuMessageTransferSidelink | TDIA, CATT | 38.508-1 | 2777 | 1 | Rel-17 | F | NR\_SL\_relay-UEConTest | agreed |
| R5-232715 | Addition of PC5 RRC RemoteUEInformationSidelink message | TDIA, CATT | 38.508-1 | 2778 | - | Rel-17 | F | NR\_SL\_relay-UEConTest | revised |
| R5-233424 | Addition of PC5 RRC RemoteUEInformationSidelink message | TDIA, CATT | 38.508-1 | 2778 | 1 | Rel-17 | F | NR\_SL\_relay-UEConTest | agreed |
| R5-232721 | Update of PC5 RRC message SL-L2RelayUE-Config | TDIA, CATT | 38.508-1 | 2779 | - | Rel-17 | F | NR\_SL\_relay-UEConTest | revised |
| R5-233426 | Update of PC5 RRC message SL-L2RelayUE-Config | TDIA, CATT | 38.508-1 | 2779 | 1 | Rel-17 | F | NR\_SL\_relay-UEConTest | agreed |
| R5-232722 | Update of PC5 RRC message Uu-RelayRLC-ChannelConfig | TDIA,CATT | 38.508-1 | 2780 | - | Rel-17 | F | NR\_SL\_relay-UEConTest | revised |
| R5-233425 | Update of PC5 RRC message Uu-RelayRLC-ChannelConfig | TDIA,CATT | 38.508-1 | 2780 | 1 | Rel-17 | F | NR\_SL\_relay-UEConTest | agreed |
| R5-232723 | Correction to default P-Max value for Power Class 1.5 UEs | Huawei, HiSilicon | 38.508-1 | 2781 | - | Rel-17 | F | NR\_RF\_TxD-UEConTest | agreed |
| R5-232743 | Update of the contents of RRC messages for L2 U2N relay related operation | TDIA, CATT | 38.508-1 | 2782 | - | Rel-17 | F | NR\_SL\_relay-UEConTest | agreed |
| R5-232746 | Update of the contents of Sidelink information elements | TDIA, CATT | 38.508-1 | 2783 | - | Rel-17 | F | NR\_SL\_relay-UEConTest | agreed |
| R5-232770 | Updates to default 5GMM messages | Ericsson | 38.508-1 | 2784 | - | Rel-17 | F | TEI17\_Test | withdrawn |
| R5-232784 | Addition of a new combination of system information block for SIB16 | CMCC | 38.508-1 | 2785 | - | Rel-17 | F | NR\_slice-UEConTest | revised |
| R5-233379 | Addition of a new combination of system information block for SIB16 | CMCC | 38.508-1 | 2785 | 1 | Rel-17 | F | NR\_slice-UEConTest | agreed |
| R5-232790 | Addition of test frequencies of CA\_n39A-n41A config TC 4.3.1.1.2.1 | CMCC | 38.508-1 | 2786 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232877 | Addition of new CA configuration CA-n41A-n66A-n71A | Ericsson | 38.508-1 | 2787 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232895 | Addition of test frequency for new 3/4 band EN-DC comb | KT Corp. | 38.508-1 | 2788 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-233501 | Addition of test frequency for new 3/4 band EN-DC comb | KT Corp. | 38.508-1 | 2788 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-233734 | Addition of test frequency for new 3/4 band EN-DC comb | KT Corp. | 38.508-1 | 2788 | 2 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232934 | Update CSI-ReportConfig IE content for RRM testing | Keysight Technologies UK Ltd | 38.508-1 | 2789 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232937 | Update general configuration parameter for HD-FDD UE | Huawei, Hisilicon, MCC TF160 | 38.508-1 | 2790 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233406 | Update general configuration parameter for HD-FDD UE | Huawei, Hisilicon, MCC TF160 | 38.508-1 | 2790 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232944 | Addition of Procedure to check TMGI and associated MRB reception in a multicast MBS session | Huawei, Hisilicon | 38.508-1 | 2791 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | revised |
| R5-233382 | Addition of Procedure to check TMGI and associated MRB reception in a multicast MBS session | Huawei, Hisilicon | 38.508-1 | 2791 | 1 | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232945 | Update PDCCH-Config for MSS condtion | Huawei, Hisilicon | 38.508-1 | 2792 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | revised |
| R5-233383 | Update PDCCH-Config for MSS condtion | Huawei, Hisilicon | 38.508-1 | 2792 | 1 | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232946 | Delete NR-19 for MBS in the Common configurations of system information blocks | Huawei, Hisilicon | 38.508-1 | 2793 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232970 | Update Service accept NAS message | Huawei, Hisilicon | 38.508-1 | 2794 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232971 | Update RadioBearerConfig-SRB2-DRB message | Huawei, Hisilicon | 38.508-1 | 2795 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232990 | Correction to frequency range for ssb-PositionsInBurst | Anritsu | 38.508-1 | 2796 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232991 | Correction to RRM PDCCH TCI-State | Anritsu | 38.508-1 | 2797 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232992 | Correction to RRM TRS CSI-ResourceConfig | Anritsu | 38.508-1 | 2798 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233091 | Adding uplink CA test frequencies for CA\_n77(2A) | Huawei, HiSilicon | 38.508-1 | 2799 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-233096 | Updating lowest testing channel bandwidth for n79 | Huawei, HiSilicon | 38.508-1 | 2800 | - | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | withdrawn |
| R5-233097 | Updating n79 test frequencies for 10MHz channel bandwidth | Huawei, HiSilicon | 38.508-1 | 2801 | - | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | withdrawn |
| R5-233098 | Updating frequency calculation in Annex C.3.2 | Huawei, HiSilicon, Keysight | 38.508-1 | 2802 | - | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-233700 | Updating frequency calculation in Annex C.3.2 | Huawei, HiSilicon, Keysight | 38.508-1 | 2802 | 1 | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-233099 | Updating test frequency for n79 10MHz CBW with 30kHz SCS | Huawei, HiSilicon | 38.508-1 | 2803 | - | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | withdrawn |
| R5-233135 | Correction to RF or RRM condition for default messages | Rohde & Schwarz | 38.508-1 | 2804 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233142 | Update to test procedure for registration of a MUSIM UE | Qualcomm Incorporated | 38.508-1 | 2805 | - | Rel-17 | F | LTE\_NR\_MUSIM\_plus\_CT1-UEConTest | agreed |
| R5-233195 | Corrections to Test frequencies for NR CA configurations for signalling testing | Qualcomm CDMA Technologies | 38.508-1 | 2806 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233257 | Update to TS 38.508-1 clause 4.6.3-200BB for FR2 UL Gaps IE | Apple Inc | 38.508-1 | 2807 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh2-UEConTest | revised |
| R5-233675 | Update to TS 38.508-1 clause 4.6.3-200BB for FR2 UL Gaps IE | Apple Inc | 38.508-1 | 2807 | 1 | Rel-17 | F | NR\_RF\_FR2\_req\_enh2-UEConTest | agreed |
| R5-233269 | Correction of 38.508-1 4.1.1 on lower humidity limit in temperature test environment | Samsung R&D Institute UK, ZTE Corporation | 38.508-1 | 2808 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233500 | Correction of 38.508-1 4.1.1 on lower humidity limit in temperature test environment | Samsung R&D Institute UK, ZTE Corporation | 38.508-1 | 2808 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233676 | Correction to frequency range for ssb-PositionsInBurst and SSB-ToMeasure | Anritsu | 38.508-1 | 2809 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232058 | Correction to DAPS PICS | MediaTek Inc. | 38.508-2 | 0450 | - | Rel-17 | F | TEI16\_Test, NR\_Mob\_enh-UEConTest | agreed |
| R5-232108 | Introduction of CA\_n28A-n78A for physical layer baseline implementation capabilities | Nokia, Nokia Shanghai Bell | 38.508-2 | 0451 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232189 | Addition of new PICS for Enhancement of data collection for SON/MDT in NR standalone | Lenovo | 38.508-2 | 0452 | - | Rel-17 | F | NR\_ENDC\_SON\_MDT\_enh-UEConTest | agreed |
| R5-232238 | Addition and support of power class 6 UEs for HST FR2 | Nokia, Nokia Shanghai Bell | 38.508-2 | 0453 | - | Rel-17 | F | NR\_HST\_FR2-UEConTest | agreed |
| R5-232239 | Update inter-band NR CA 3DL configurations of CA\_n2A-n5A-n77A, CA\_n2A-n66A-n77A, and CA\_n5A-n66A-n77A | Verizon | 38.508-2 | 0454 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232240 | Update inter-band NR CA PC2 configurations of CA\_n2A-n77A, CA\_n5A-n77A, and CA\_n66A-n77A | Verizon Switzerland AG | 38.508-2 | 0455 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-233508 | Update inter-band NR CA PC2 configurations of CA\_n2A-n77A, CA\_n5A-n77A, and CA\_n66A-n77A | Verizon Switzerland AG | 38.508-2 | 0455 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-232320 | Update of MAC implementation capabilities | Ericsson | 38.508-2 | 0456 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232362 | Addition of UE capability for new 2CC and 3CC EN-DC comb within FR2 | KDDI Corporation | 38.508-2 | 0457 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232363 | Addition of UE capability for new EN-DC comb within FR2 | KDDI Corporation | 38.508-2 | 0458 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232416 | Addition of PICS for Rel-17 eNPN | China Telecom | 38.508-2 | 0459 | - | Rel-17 | F | NG\_RAN\_PRN\_enh\_plus\_CT-UEConTest | revised |
| R5-233471 | Addition of PICS for Rel-17 eNPN | China Telecom | 38.508-2 | 0459 | 1 | Rel-17 | F | NG\_RAN\_PRN\_enh\_plus\_CT-UEConTest | agreed |
| R5-232498 | Addition of PICS for NR cov enh SIG TCs | Huawei, HiSilicon | 38.508-2 | 0460 | - | Rel-17 | F | NR\_cov\_enh-UEConTest | agreed |
| R5-232624 | Update 38.508-2 for CA\_n2A-n5A and CA\_n2A-n48A | Qualcomm India Pvt Ltd | 38.508-2 | 0461 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232655 | Update of ICS baseline for CA\_n3A-n8A | China Unicom | 38.508-2 | 0462 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232684 | Addition of PICS for support of mpsPriorityIndication on RRC release with redirect | Qualcomm CDMA Technologies | 38.508-2 | 0463 | - | Rel-17 | F | TEI16\_Test | revised |
| R5-233320 | Addition of PICS for support of mpsPriorityIndication on RRC release with redirect | Qualcomm CDMA Technologies | 38.508-2 | 0463 | 1 | Rel-17 | F | TEI16\_Test | agreed |
| R5-232731 | Addition of NR FR1 bands with UL MIMO capabilities | Huawei, HiSilicon | 38.508-2 | 0464 | - | Rel-17 | F | NR\_bands\_UL\_MIMO\_PC3\_R17-UEConTest | agreed |
| R5-232748 | Update of physical layer baseline capabilities for CA\_n28A-n78A | Huawei, HiSilicon | 38.508-2 | 0465 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-233504 | Update of physical layer baseline capabilities for CA\_n28A-n78A | Huawei, HiSilicon | 38.508-2 | 0465 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | withdrawn |
| R5-233529 | Update of physical layer baseline capabilities for CA\_n28A-n78A | Huawei, HiSilicon | 38.508-2 | 0465 | 2 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232793 | Addition of CA\_n39A-n41A RF Baseline Implementation Capabilities | CMCC | 38.508-2 | 0466 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232795 | Addition of R17 new CA PC2 configs RF Baseline Implementation Capabilities | CMCC | 38.508-2 | 0467 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-233509 | Addition of R17 new CA PC2 configs RF Baseline Implementation Capabilities | CMCC | 38.508-2 | 0467 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-232798 | Addition of R17 new CA PC3 config RF Baseline Implementation Capabilities | CMCC | 38.508-2 | 0468 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232822 | Update NR band and CADC configs status in ICS Annex B | CMCC | 38.508-2 | 0469 | - | Rel-17 | F | TEI17\_Test | agreed |
| R5-232837 | Adding ICS for UE MMSE-IRC receiver capability | China Telecom | 38.508-2 | 0470 | - | Rel-17 | F | NR\_demod\_enh2-UEConTest | agreed |
| R5-232861 | Addition of PICS for CLI test case | Qualcomm Europe Inc. Sweden | 38.508-2 | 0471 | - | Rel-17 | F | NR\_CLI-UEConTest | revised |
| R5-233505 | Addition of PICS for CLI test case | Qualcomm Europe Inc. Sweden | 38.508-2 | 0471 | 1 | Rel-17 | F | NR\_CLI-UEConTest | agreed |
| R5-232875 | Introduction of CA\_n5A-n66A and CA\_n41A-n66A-n71A. | Ericsson | 38.508-2 | 0472 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232896 | Update of Table A.4.3.2B.2.3.2-2 and A.4.3.2B.2.3.3-2 for new 3/4 band EN-DC comb | KT Corp. | 38.508-2 | 0473 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-233503 | Update of Table A.4.3.2B.2.3.2-2 and A.4.3.2B.2.3.3-2 for new 3/4 band EN-DC comb | KT Corp. | 38.508-2 | 0473 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-233735 | Update of Table A.4.3.2B.2.3.2-2 and A.4.3.2B.2.3.3-2 for new 3/4 band EN-DC comb | KT Corp. | 38.508-2 | 0473 | 2 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232929 | Capability of REL17 Relaxed measurements in IDLE for RedCap | Ericsson | 38.508-2 | 0474 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232947 | Addition of PICS for MBS TC | Huawei, Hisilicon | 38.508-2 | 0475 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232965 | Add PICS for EPS UPIP | Huawei, Hisilicon | 38.508-2 | 0476 | - | Rel-17 | F | UPIP\_SEC\_LTE-RAN-UEConTest | agreed |
| R5-233031 | Adding PICS for enhanced beam correspondence | Huawei, HiSilicon | 38.508-2 | 0477 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-233034 | Adding PICS of PC7 | Huawei, HiSilicon | 38.508-2 | 0478 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-233038 | Adding PICS for DL interruption | Huawei, HiSilicon, China Telecom | 38.508-2 | 0479 | - | Rel-17 | F | DL\_intrpt\_combos\_TxSW\_R17-UEConTest | revised |
| R5-233502 | Adding PICS for DL interruption | Huawei, HiSilicon, China Telecom | 38.508-2 | 0479 | 1 | Rel-17 | F | DL\_intrpt\_combos\_TxSW\_R17-UEConTest | agreed |
| R5-233054 | Addition of PICS for NR feMIMO test cases | Huawei, HiSilicon | 38.508-2 | 0480 | - | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-233188 | Editorial correction to Table A.4.3.2A.2.1-4 | Bureau Veritas ADT | 38.508-2 | 0481 | - | Rel-17 | F | TEI17\_Test | agreed |
| R5-233189 | Additional support value to maxNumberSRS-Ports-PerResource element | Bureau Veritas ADT | 38.508-2 | 0482 | - | Rel-17 | F | TEI15\_Test | agreed |
| R5-233202 | Addition of PICS for UE support of Uncrewed Aerial Systems | Qualcomm CDMA Technologies | 38.508-2 | 0483 | - | Rel-17 | F | ID\_UAS-UEConTest | agreed |
| R5-232036 | Addition of MUSIM UAI test function | China Telecom | 38.509 | 0081 | - | Rel-17 | B | LTE\_NR\_MUSIM\_plus\_CT1-UEConTest | revised |
| R5-233380 | Addition of MUSIM UAI test function | China Telecom | 38.509 | 0081 | 1 | Rel-17 | B | LTE\_NR\_MUSIM\_plus\_CT1-UEConTest | agreed |
| R5-232109 | Introduction of Output power requirements for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | 38.521-1 | 2190 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232110 | Introduction of additional maximum output power reduction for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | 38.521-1 | 2191 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-233510 | Introduction of additional maximum output power reduction for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | 38.521-1 | 2191 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232111 | Introduction of General spurious emissions test requirements for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | 38.521-1 | 2192 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232112 | Introduction of Spurious emissions for UE co-existence requirements for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | 38.521-1 | 2193 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-233511 | Introduction of Spurious emissions for UE co-existence requirements for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | 38.521-1 | 2193 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232113 | Introduction of Spurious emissions for UE co-existence test requirements for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | 38.521-1 | 2194 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232117 | Adding Reference sensitivity exceptions due to UL harmonic interference for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | 38.521-1 | 2195 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233517 | Adding Reference sensitivity exceptions due to UL harmonic interference for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | 38.521-1 | 2195 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232119 | Add Reference sensitivity power level test requirements for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell, Apple | 38.521-1 | 2196 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232241 | Update general spurious emissions for CA\_n2A-n77A, CA\_n5A-n77A, and CA\_n66A-n77A | Verizon | 38.521-1 | 2197 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232242 | Update minimum requirement table for reference sensitivity exceptions and uplink/downlink configurations due to harmonic mixing from a PC3 aggressor | Verizon, Qualcomm, Ericsson | 38.521-1 | 2198 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-233705 | Update minimum requirement table for reference sensitivity exceptions and uplink/downlink configurations due to harmonic mixing from a PC3 aggressor | Verizon, Qualcomm, Ericsson | 38.521-1 | 2198 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232243 | Update inter-band NR CA PC3 reference sensitivity test configuration and test requirement tables | Verizon Switzerland AG, Qualcomm, Ericsson | 38.521-1 | 2199 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232244 | Update inter-band NR CA PC2 MOP configurations for 2UL CA\_n2A-n77A, CA\_n5A-n77A, and CA\_n66A-n77A | Verizon | 38.521-1 | 2200 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-233538 | Update inter-band NR CA PC2 MOP configurations for 2UL CA\_n2A-n77A, CA\_n5A-n77A, and CA\_n66A-n77A | Verizon | 38.521-1 | 2200 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-232245 | Update inter-band NR CA PC2 reference sensitivity minimum requirements for a few 2DL band configurations | Verizon Switzerland AG, Qualcomm, Ericsson | 38.521-1 | 2201 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-233711 | Update inter-band NR CA PC2 reference sensitivity minimum requirements for a few 2DL band configurations | Verizon Switzerland AG, Qualcomm, Ericsson | 38.521-1 | 2201 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-232246 | Update PC2 information for 2DL test configuration exception table and test requirement table for a few NR CA 2DL 2UL combos | Verizon, Qualcomm, Ericsson | 38.521-1 | 2202 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-233712 | Update PC2 information for 2DL test configuration exception table and test requirement table for a few NR CA 2DL 2UL combos | Verizon, Qualcomm, Ericsson | 38.521-1 | 2202 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-232276 | Addition of refsence sensitivity for n28A-n77A | KDDI Corporation | 38.521-1 | 2203 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232277 | Addition of refsence sensitivity for n41A-n77A | KDDI Corporation | 38.521-1 | 2204 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | withdrawn |
| R5-232278 | Addition of refsence sensitivity for n3A-n77A | KDDI Corporation | 38.521-1 | 2205 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232340 | Update for CA\_n2A-n48A and CA\_n2A-n77A combos in section 7.3A.0 | Keysight Technologies UK Ltd | 38.521-1 | 2206 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-233533 | Update for CA\_n2A-n48A and CA\_n2A-n77A combos in section 7.3A.0 | Keysight Technologies UK Ltd | 38.521-1 | 2206 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232341 | Corrections for certain FR1 combos in section 7.3A.1\_1 | Keysight Technologies UK Ltd | 38.521-1 | 2207 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232343 | TT and editor note update in NR-U Tx test cases for FR1 bands above 6GHz | Keysight Technologies UK Ltd | 38.521-1 | 2208 | - | Rel-17 | F | NR\_unlic-UEConTest | withdrawn |
| R5-232344 | TT and editor note update in NR-U Rx test cases for FR1 bands above 6GHz | Keysight Technologies UK Ltd | 38.521-1 | 2209 | - | Rel-17 | F | NR\_unlic-UEConTest | withdrawn |
| R5-232345 | MU and TT definition for FR1 bands above 6GHz - Annex F update | Keysight Technologies UK Ltd | 38.521-1 | 2210 | - | Rel-17 | F | NR\_unlic-UEConTest | revised |
| R5-233531 | MU and TT definition for FR1 bands above 6GHz - Annex F update | Keysight Technologies UK Ltd | 38.521-1 | 2210 | 1 | Rel-17 | F | NR\_unlic-UEConTest | withdrawn |
| R5-232348 | p-Max conditions corrections in 6.5A.3.1.1 | Keysight Technologies UK Ltd, Huawei, HiSilicon | 38.521-1 | 2211 | - | Rel-17 | F | NR\_RF\_FR1\_enh-UEConTest | agreed |
| R5-232353 | Test configuration table update for NS 46 in A-MPR test | Keysight Technologies UK Ltd | 38.521-1 | 2212 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232354 | NS\_27 - corrections for 30MHz RBStart for condition A1 | Keysight Technologies UK Ltd | 38.521-1 | 2213 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233541 | NS\_27 - corrections for 30MHz RBStart for condition A1 | Keysight Technologies UK Ltd | 38.521-1 | 2213 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232355 | K1 and number of HARQ processes for CA exceptions updates | Keysight Technologies UK Ltd, Anritsu Limited, Rohde & Schwarz | 38.521-1 | 2214 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232376 | Correction of Spurious emissions for UE co-existence requirement in 6.5D.3\_1.2 | CAICT | 38.521-1 | 2215 | - | Rel-17 | F | TEI16\_Test, NR\_eMIMO-UEConTest | withdrawn |
| R5-232377 | Correction of Spurious emissions for UE co-existence requirement of NR FR1 | CAICT | 38.521-1 | 2216 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232378 | Correction of Spurious emissions for UE co-existence requirement in 6.5G.3.2 | CAICT | 38.521-1 | 2217 | - | Rel-17 | F | NR\_RF\_TxD-UEConTest | withdrawn |
| R5-232379 | Correction of Spurious emissions for UE co-existence requirement in 6.5E.3.2 | CAICT | 38.521-1 | 2218 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | withdrawn |
| R5-232408 | General updates of clause 5 for R16 CADC configurations | CU Digital Technology, Ericsson, CMCC, Rohde&Schwarz | 38.521-1 | 2219 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-233535 | General updates of clause 5 for R16 CADC configurations | CU Digital Technology, Ericsson, CMCC, Rohde&Schwarz | 38.521-1 | 2219 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | withdrawn |
| R5-232409 | General updates of clause 5 for R17 CADC configurations | CU Digital Technology, Qualcomm | 38.521-1 | 2220 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | withdrawn |
| R5-232410 | General updates of clause 5 for R17 new CBW configurations | CU Digital Technology, Nokia | 38.521-1 | 2221 | - | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-232411 | Addition of 7.3A.1 for CA\_n1A-n8A and CA\_n3A-n8A | CU Digital Technology | 38.521-1 | 2222 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232412 | Update of spurious emission TP analysis for CA\_n1A-n3A | China Unicom | 38.521-1 | 2223 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | withdrawn |
| R5-232413 | Addition of general spurious emissions for CA\_n1A-n3A | China Unicom | 38.521-1 | 2224 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232414 | Addition of Spurious emissions for UE co-existence for CA\_n1A-n3A | China Unicom | 38.521-1 | 2225 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232444 | Adding UE maximum output power for new NR band n13 | Nokia, Nokia Shanghai Bell | 38.521-1 | 2226 | - | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-232445 | Adding UE maximum output power reduction for new NR band n13 | Nokia, Nokia Shanghai Bell | 38.521-1 | 2227 | - | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-232559 | Correction UL RB configuration for CA\_n1-n3-n78 | MediaTek Beijing Inc. | 38.521-1 | 2228 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-233706 | Correction UL RB configuration for CA\_n1-n3-n78 | MediaTek Beijing Inc. | 38.521-1 | 2228 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232579 | Addition of test case 6.5F.2.4.2, Shared spectrum channel access ACLR with additional requirement for NS\_29 | Ericsson | 38.521-1 | 2229 | - | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-232611 | General SE for CA\_n5A-n48A | Qualcomm India Pvt Ltd | 38.521-1 | 2230 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232612 | TX SE\_Co\_exist for CA\_n5A-n48A | Qualcomm India Pvt Ltd | 38.521-1 | 2231 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232613 | Update 7.3A.1 for CA\_n5A-n48A | Qualcomm India Pvt Ltd | 38.521-1 | 2232 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232614 | Update 6.2A.1.1 for CA\_n5A-n48A | Qualcomm India Pvt Ltd | 38.521-1 | 2233 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232616 | Update 6.2A.4.0.2.3 for CA\_n5A-n48A | Qualcomm India Pvt Ltd | 38.521-1 | 2234 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232625 | Update 6.2A.4.0.2.3 for CA\_n2A-n5A and CA\_n2A-n48A | Qualcomm India Pvt Ltd | 38.521-1 | 2235 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232636 | Update 7.1 for NR-U | Qualcomm India Pvt Ltd | 38.521-1 | 2236 | - | Rel-17 | F | NR\_unlic-UEConTest | withdrawn |
| R5-232637 | Update 5.2 note 14 for NR-U | Qualcomm India Pvt Ltd | 38.521-1 | 2237 | - | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-232695 | Update 6.5F.3.1 General SE for NR-U | Qualcomm India Pvt Ltd | 38.521-1 | 2238 | - | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-232697 | Update 6.5F.2.4.1 ACLR for NR-U | Qualcomm India Pvt Ltd | 38.521-1 | 2239 | - | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-232724 | Update of 6.4G.2.4 EVM equalizer spectrum flatness for Tx Diversity | Huawei, HiSilicon | 38.521-1 | 2240 | - | Rel-17 | F | NR\_RF\_TxD-UEConTest | revised |
| R5-233720 | Update of 6.4G.2.4 EVM equalizer spectrum flatness for Tx Diversity | Huawei, HiSilicon | 38.521-1 | 2240 | 1 | Rel-17 | F | NR\_RF\_TxD-UEConTest | agreed |
| R5-232725 | Update of 6.5G.2.3.1 NR ACLR for checking TxD capability | Huawei, HiSilicon | 38.521-1 | 2241 | - | Rel-17 | F | NR\_RF\_TxD-UEConTest | withdrawn |
| R5-232726 | Addition of abbreviation and clause 4 general description for Tx diversity | Huawei, HiSilicon | 38.521-1 | 2242 | - | Rel-17 | F | NR\_RF\_TxD-UEConTest | agreed |
| R5-232732 | Addition of new test case 6.2D.2\_1 UE MPR for SUL with UL MIMO | Huawei, HiSilicon | 38.521-1 | 2243 | - | Rel-17 | F | NR\_bands\_UL\_MIMO\_PC3\_R17-UEConTest | agreed |
| R5-232733 | Addition of new test case 6.2D.3\_1 UE A-MPR for SUL with UL MIMO | Huawei, HiSilicon | 38.521-1 | 2244 | - | Rel-17 | F | NR\_bands\_UL\_MIMO\_PC3\_R17-UEConTest | agreed |
| R5-232734 | Addition of new test case 6.4D.2.2\_1 Carrier leakage for SUL with UL MIMO | Huawei, HiSilicon | 38.521-1 | 2245 | - | Rel-17 | F | NR\_bands\_UL\_MIMO\_PC3\_R17-UEConTest | agreed |
| R5-232735 | Addition of new test case 6.4D.2.3\_1 In-band emissions for SUL with UL MIMO | Huawei, HiSilicon | 38.521-1 | 2246 | - | Rel-17 | F | NR\_bands\_UL\_MIMO\_PC3\_R17-UEConTest | agreed |
| R5-232736 | Addition of new test case 6.5D.2.4.1\_1 NR ACLR for SUL with UL MIMO | Huawei, HiSilicon | 38.521-1 | 2247 | - | Rel-17 | F | NR\_bands\_UL\_MIMO\_PC3\_R17-UEConTest | agreed |
| R5-232737 | Addition of new test case 6.5D.2.4.2\_1 UTRA ACLR for SUL with UL MIMO | Huawei, HiSilicon | 38.521-1 | 2248 | - | Rel-17 | F | NR\_bands\_UL\_MIMO\_PC3\_R17-UEConTest | agreed |
| R5-232738 | Addition of new test case 6.5D.3\_2.1 General spurious emissions | Huawei, HiSilicon | 38.521-1 | 2249 | - | Rel-17 | F | NR\_bands\_UL\_MIMO\_PC3\_R17-UEConTest | agreed |
| R5-232739 | Addition of new test case 6.5D.3\_2.2 Spurious emissions for UE co-existence | Huawei, HiSilicon | 38.521-1 | 2250 | - | Rel-17 | F | NR\_bands\_UL\_MIMO\_PC3\_R17-UEConTest | agreed |
| R5-232740 | Addition of new test case 6.5D.3\_2.3 Additional spurious emissions | Huawei, HiSilicon | 38.521-1 | 2251 | - | Rel-17 | F | NR\_bands\_UL\_MIMO\_PC3\_R17-UEConTest | agreed |
| R5-232741 | Addition of Annex F for new test cases for SUL with UL MIMO | Huawei, HiSilicon | 38.521-1 | 2252 | - | Rel-17 | F | NR\_bands\_UL\_MIMO\_PC3\_R17-UEConTest | agreed |
| R5-232744 | Update of UL MIMO aggregate power TC | Rohde & Schwarz | 38.521-1 | 2253 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232747 | Update of PC2 UE maximum output power for inter-band CA configurations | Huawei, HiSilicon | 38.521-1 | 2254 | - | Rel-17 | F | Power\_Limit\_CA\_DC-UEConTest | agreed |
| R5-232749 | Update of applicability of simultaneous RxTx capability for CA\_n28-n79 | Huawei, HiSilicon | 38.521-1 | 2255 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | withdrawn |
| R5-232750 | Addition of UL MIMO SEM and NR ACLR test cases for Power Class 1.5 | Huawei, HiSilicon | 38.521-1 | 2256 | - | Rel-17 | F | TEI16\_Test, LTE\_NR\_B41\_Bn41\_PC29dBm-UEConTest | agreed |
| R5-232751 | Editorial correction of reference table numbers for SUL test cases | Huawei, HiSilicon | 38.521-1 | 2257 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232752 | Editorial Update of PC2 fallback PC3 test requirements | Huawei, HiSilicon | 38.521-1 | 2258 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232791 | Update of delta TIB,c for CA\_n39A-n41A | CMCC | 38.521-1 | 2259 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232792 | Update of delta RIB,c for CA\_n39A-n41A | CMCC | 38.521-1 | 2260 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232794 | Addition of R17 new CA PC2 configs for Ref sens exceptions TC 7.3A.0 | CMCC, Verizon | 38.521-1 | 2261 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-233539 | Addition of R17 new CA PC2 configs for Ref sens exceptions TC 7.3A.0 | CMCC, Verizon | 38.521-1 | 2261 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-232796 | Update of delta TIB,c for CA\_n28A-n41A-n79A | CMCC | 38.521-1 | 2262 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232797 | Update of delta RIB,c for CA\_n28A-n41A-n79A | CMCC | 38.521-1 | 2263 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232802 | Update for PC2 PC3 n39 A-MPR | CMCC, Huawei | 38.521-1 | 2264 | - | Rel-17 | F | NR\_UE\_PC2\_n39-UEConTest | revised |
| R5-233721 | Update for PC2 PC3 n39 A-MPR | CMCC, Huawei | 38.521-1 | 2264 | 1 | Rel-17 | F | NR\_UE\_PC2\_n39-UEConTest | agreed |
| R5-232804 | Update for PC2 n39 A-SE | CMCC | 38.521-1 | 2265 | - | Rel-17 | F | NR\_UE\_PC2\_n39-UEConTest | agreed |
| R5-232825 | Correction to Sidelink configuration for PSSCH/PSCCH | CMCC | 38.521-1 | 2266 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | withdrawn |
| R5-232873 | Editorial changes in Table 7.3A.1.5-1 | Ericsson | 38.521-1 | 2267 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-233534 | Editorial changes in Table 7.3A.1.5-1 | Ericsson | 38.521-1 | 2267 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232874 | Correction of delta RIB,c , Core spec alignment | Ericsson | 38.521-1 | 2268 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232879 | Addition of Delta RIB,c for CA\_n41A-n66A-n71A | Ericsson | 38.521-1 | 2269 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232880 | Addition of CA\_n41A-n66A-n71A in Table 7.3A.2.5-1 | Ericsson | 38.521-1 | 2270 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232897 | Update of applicability of simultaneous RxTx capability for CA\_n28-n79 | Huawei, HiSilicon | 38.521-1 | 2271 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232977 | Adding UE additional maximum output power reduction for new NR band n13 | Nokia, Nokia Shanghai Bell | 38.521-1 | 2272 | - | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-233524 | Adding UE additional maximum output power reduction for new NR band n13 | Nokia, Nokia Shanghai Bell | 38.521-1 | 2272 | 1 | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-232978 | Adding additional spectrum emission mask requirement for new NR band n13 | Nokia, Nokia Shanghai Bell | 38.521-1 | 2273 | - | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-232979 | Adding spurious emissions for UE co-existence for new NR band n13 | Nokia, Nokia Shanghai Bell | 38.521-1 | 2274 | - | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-232980 | Adding additional spurious emissions for new NR band n13 | Nokia, Nokia Shanghai Bell | 38.521-1 | 2275 | - | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-232993 | Correction to inter-band test frequencies exceptions in Rx CA test cases | Anritsu | 38.521-1 | 2276 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232994 | Correction to transmission power in 7.6.3 Out-of-band blocking | Anritsu | 38.521-1 | 2277 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233722 | Correction to transmission power in 7.6.3 Out-of-band blocking | Anritsu | 38.521-1 | 2277 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232995 | Correction to K1 and PdschNumOfHarqProcess for DL CA | Anritsu | 38.521-1 | 2278 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232996 | Update of Annex D.2 for interference signals lower than 2700 MHz | Anritsu | 38.521-1 | 2279 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232997 | Addition of BW condition to 6.5D.2.3 A-SEM for UL MIMO | Anritsu | 38.521-1 | 2280 | - | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | revised |
| R5-233542 | Addition of BW condition to 6.5D.2.3 A-SEM for UL MIMO | Anritsu | 38.521-1 | 2280 | 1 | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-233023 | Removing redundant parameter setting from time mask testing | Huawei, HiSilicon | 38.521-1 | 2281 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233026 | Clarification of spurious emsission testing configuration - Part 1 | Huawei, HiSilicon | 38.521-1 | 2282 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233543 | Clarification of spurious emsission testing configuration - Part 1 | Huawei, HiSilicon | 38.521-1 | 2282 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233036 | Correction of P-max in AMPR for CA | Huawei, HiSilicon, Keysight | 38.521-1 | 2283 | - | Rel-17 | F | NR\_RF\_FR1\_enh-UEConTest | agreed |
| R5-233037 | Adding PC2 intra-band contiguous testing to 6.5A.3.2.1 | Huawei, HiSilicon, Keysight | 38.521-1 | 2284 | - | Rel-17 | F | NR\_RF\_FR1\_enh-UEConTest | agreed |
| R5-233082 | Updating FR1 test case Additional spectrum emission mask for UL MIMO | Huawei, HiSilicon | 38.521-1 | 2285 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233547 | Updating FR1 test case Additional spectrum emission mask for UL MIMO | Huawei, HiSilicon | 38.521-1 | 2285 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233083 | Updating test case UTRA ACLR for UL MIMO | Huawei, HiSilicon | 38.521-1 | 2286 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233084 | Updating test case AMPR for UL MIMO | Huawei, HiSilicon | 38.521-1 | 2287 | - | Rel-17 | F | TEI16\_Test, NR\_eMIMO-UEConTest | agreed |
| R5-233085 | Updating test requirement of test case AMPR for UL MIMO | Huawei, HiSilicon | 38.521-1 | 2288 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233086 | Updating PUCCH aggregated power tolerance test case for SUL and for MIMO | Huawei, HiSilicon, Rohde&Schwarz | 38.521-1 | 2289 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233548 | Updating PUCCH aggregated power tolerance test case for SUL and for MIMO | Huawei, HiSilicon, Rohde&Schwarz | 38.521-1 | 2289 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233087 | Updating MU values for NR FR1 Relative power tolerance for UL MIMO | Huawei, HiSilicon | 38.521-1 | 2290 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233549 | Updating MU values for NR FR1 Relative power tolerance for UL MIMO | Huawei, HiSilicon | 38.521-1 | 2290 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233088 | Correction to REFSENS exceptions testing for CA\_n7A-n78A | Huawei, HiSilicon | 38.521-1 | 2291 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233525 | Correction to REFSENS exceptions testing for CA\_n7A-n78A | Huawei, HiSilicon | 38.521-1 | 2291 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233090 | Correction to NS\_04 test configuration for Additional spurious emissions for UL MIMO | Huawei, HiSilicon | 38.521-1 | 2292 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233092 | Correction to test frequency description for intra-band UL non-contiguous CA | Huawei, HiSilicon | 38.521-1 | 2293 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-233093 | Updating Transmit ON/OFF time mask for CA for intra-band non-contiguous CA | Huawei, HiSilicon | 38.521-1 | 2294 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | revised |
| R5-233515 | Updating Transmit ON/OFF time mask for CA for intra-band non-contiguous CA | Huawei, HiSilicon | 38.521-1 | 2294 | 1 | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-233100 | Updating test case AMPR for UL MIMO | Huawei, HiSilicon | 38.521-1 | 2295 | - | Rel-17 | F | NR\_bands\_UL\_MIMO\_PC3\_R17-UEConTest | agreed |
| R5-233101 | Updating PUCCH configuration in Aggregate power tolerance for SUL with UL MIMO | Huawei, HiSilicon | 38.521-1 | 2296 | - | Rel-17 | F | NR\_bands\_UL\_MIMO\_PC3\_R17-UEConTest | agreed |
| R5-233102 | Updating MOP for PC2 configuration CA\_n78C | Huawei, HiSilicon | 38.521-1 | 2297 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-233103 | Updating MPR for PC2 configuration CA\_n78C | Huawei, HiSilicon | 38.521-1 | 2298 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-233166 | Correction for CA\_n66A-n71A | ROHDE & SCHWARZ | 38.521-1 | 2299 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-233532 | Correction for CA\_n66A-n71A | ROHDE & SCHWARZ | 38.521-1 | 2299 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-233172 | Editorial correction in clause 5.5A.3.2 | ROHDE & SCHWARZ | 38.521-1 | 2300 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-233173 | Correction of ON/OFF time mask for Tx Diversity | ROHDE & SCHWARZ | 38.521-1 | 2301 | - | Rel-17 | F | NR\_RF\_TxD-UEConTest | revised |
| R5-233540 | Correction of ON/OFF time mask for Tx Diversity | ROHDE & SCHWARZ | 38.521-1 | 2301 | 1 | Rel-17 | F | NR\_RF\_TxD-UEConTest | agreed |
| R5-233186 | Correction to clauses using void table 5.5A.3-x | Bureau Veritas ADT | 38.521-1 | 2302 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233193 | Editorial correction to TC6.2.3 configuration table for NS\_06 | Bureau Veritas ADT | 38.521-1 | 2303 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233207 | Corrections on blocking characteristics requirements for V2X | ZTE Corporation | 38.521-1 | 2304 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-233210 | Corrections on intermodulation characteristics requirements for V2X | ZTE Corporation | 38.521-1 | 2305 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-233211 | Corrections on NR V2X reference sensitivity test requirements | ZTE Corporation | 38.521-1 | 2306 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-233212 | Corrections on NR V2X spurious response requirements | ZTE Corporation | 38.521-1 | 2307 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-233213 | Corrections on supported channel bandwidths for SUL configurations | ZTE Corporation | 38.521-1 | 2308 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-233536 | Corrections on supported channel bandwidths for SUL configurations | ZTE Corporation | 38.521-1 | 2308 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-233218 | Corrections on the minimum guardband calculation for FR1 | ZTE Corporation | 38.521-1 | 2309 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233236 | Clarification of UL Tx Switching in SA RF test case | Apple Inc | 38.521-1 | 2310 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-233251 | Addition of new FR1 phase continuity test | Apple Inc | 38.521-1 | 2311 | - | Rel-17 | F | NR\_cov\_enh-UEConTest | revised |
| R5-233537 | Addition of new FR1 phase continuity test | Apple Inc | 38.521-1 | 2311 | 1 | Rel-17 | F | NR\_cov\_enh-UEConTest | agreed |
| R5-233555 | General updates of clause 5 for R16 CA configurations | CU Digital Technology, Ericsson, CMCC, Rohde&Schwarz | 38.521-1 | 2312 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-233556 | General updates of clause 5 for R17 CA configurations | CU Digital Technology, Qualcomm | 38.521-1 | 2313 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232124 | Adding RedCap UE FR2 PC7 Carrier leakage requirement | Nokia, Nokia Shanghai Bell | 38.521-2 | 0913 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233552 | Adding RedCap UE FR2 PC7 Carrier leakage requirement | Nokia, Nokia Shanghai Bell | 38.521-2 | 0913 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232125 | Adding RedCap UE FR2 PC7 In-band emissions requirement | Nokia, Nokia Shanghai Bell | 38.521-2 | 0914 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233553 | Adding RedCap UE FR2 PC7 In-band emissions requirement | Nokia, Nokia Shanghai Bell | 38.521-2 | 0914 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232159 | PC5 - MOP test cases update in 38.521-2 | Keysight Technologies UK Ltd | 38.521-2 | 0915 | - | Rel-17 | F | NR\_FR2\_FWA\_Bn257\_Bn258-UEConTest | revised |
| R5-233631 | PC5 - MOP test cases update in 38.521-2 | Keysight Technologies UK Ltd | 38.521-2 | 0915 | 1 | Rel-17 | F | NR\_FR2\_FWA\_Bn257\_Bn258-UEConTest | agreed |
| R5-232165 | PC1 - SEM test case update in 38.521-2 | Keysight Technologies UK Ltd | 38.521-2 | 0916 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232166 | PC1 - ACS Case 1 and IBB test cases update in 38.521-2 | Keysight Technologies UK Ltd | 38.521-2 | 0917 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233636 | PC1 - ACS Case 1 and IBB test cases update in 38.521-2 | Keysight Technologies UK Ltd | 38.521-2 | 0917 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232170 | FR2 PC3 - Network Analyzer MU and TT update in 38.521-2 | Keysight Technologies UK Ltd | 38.521-2 | 0918 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232356 | FR2 OBW CA - Test requirements misaligned with minimum requirements | Keysight Technologies UK Ltd | 38.521-2 | 0919 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232357 | 1RB allocation increased to accommodate PHR in 2UL CA tests | Keysight Technologies UK Ltd, Ericsson | 38.521-2 | 0920 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232515 | HST FR2 6.2D.1.2 UE maximum output power - Spherical coverage for UL MIMO | SGS Wireless | 38.521-2 | 0921 | - | Rel-17 | F | NR\_HST\_FR2-UEConTest | agreed |
| R5-232516 | HST FR2 6.3D.1 Minimum output power for UL MIMO | SGS Wireless | 38.521-2 | 0922 | - | Rel-17 | F | NR\_HST\_FR2-UEConTest | agreed |
| R5-232615 | Adding FR2 Redcap Rx EIS test case | Qualcomm Tech. Netherlands B.V | 38.521-2 | 0923 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233558 | Adding FR2 Redcap Rx EIS test case | Qualcomm Tech. Netherlands B.V | 38.521-2 | 0923 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233719 | Adding FR2 Redcap Rx EIS test case | Qualcomm Tech. Netherlands B.V | 38.521-2 | 0923 | 2 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232617 | Adding FR2 Redcap Rx RefSens test case | Qualcomm Tech. Netherlands B.V | 38.521-2 | 0924 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232618 | Adding FR2 Redcap PC7 to Rx Test Config Tables | Qualcomm Tech. Netherlands B.V | 38.521-2 | 0925 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232622 | Adding FR2 Redcap PC7 to Tx Test Config Tables | Qualcomm Tech. Netherlands B.V | 38.521-2 | 0926 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233557 | Adding FR2 Redcap PC7 to Tx Test Config Tables | Qualcomm Tech. Netherlands B.V | 38.521-2 | 0926 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233718 | Adding FR2 Redcap PC7 to Tx Test Config Tables | Qualcomm Tech. Netherlands B.V | 38.521-2 | 0926 | 2 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232628 | Update of SE TRP Offsets | Keysight Technologies UK Ltd | 38.521-2 | 0927 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233702 | Update of SE TRP Offsets | Keysight Technologies UK Ltd | 38.521-2 | 0927 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232629 | Update of SE TRP Offsets | Keysight Technologies UK Ltd | 38.521-2 | 0928 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233637 | Update of SE TRP Offsets | Keysight Technologies UK Ltd | 38.521-2 | 0928 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232630 | Update of Fine SE TRP Grids | Keysight Technologies UK Ltd | 38.521-2 | 0929 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233641 | Update of Fine SE TRP Grids | Keysight Technologies UK Ltd | 38.521-2 | 0929 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232632 | Clarification of QoQZ TRP Grids | Keysight Technologies UK Ltd | 38.521-2 | 0930 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232634 | Clarification of Example DUT Coordinate System | Keysight Technologies UK Ltd | 38.521-2 | 0931 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232984 | Definition of MU and requirements for FR2c | Anritsu | 38.521-2 | 0932 | - | Rel-17 | F | TEI16\_Test, NR\_bands\_BW\_R16-UEConTest | revised |
| R5-233635 | Definition of MU and requirements for FR2c | Anritsu | 38.521-2 | 0932 | 1 | Rel-17 | F | TEI16\_Test, NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-232998 | Correction to test procedure in Minimum output power test cases | Anritsu | 38.521-2 | 0933 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232999 | Correction to F\_Interferer\_offset in ACS and In-band blocking test cases | Anritsu | 38.521-2 | 0934 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-233000 | Addition of Annex Q.2 for Relative Phase Error Measurement | Anritsu | 38.521-2 | 0935 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233723 | Addition of Annex Q.2 for Relative Phase Error Measurement | Anritsu | 38.521-2 | 0935 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233024 | Adding noise impact of PC1 minimum output power in Annex F | Huawei, HiSilicon | 38.521-2 | 0936 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233027 | Clarification of spurious emsission testing configuration - Part 2 | Huawei, HiSilicon | 38.521-2 | 0937 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233544 | Clarification of spurious emsission testing configuration - Part 2 | Huawei, HiSilicon | 38.521-2 | 0937 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233030 | Update to test applicability and side condition of beam correspondence | Huawei, HiSilicon | 38.521-2 | 0938 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh-UEConTest | revised |
| R5-233717 | Update to test applicability and side condition of beam correspondence | Huawei, HiSilicon | 38.521-2 | 0938 | 1 | Rel-17 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-233033 | Adding side condition of beam correspondence for PC7 | Huawei, HiSilicon | 38.521-2 | 0939 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233554 | Adding side condition of beam correspondence for PC7 | Huawei, HiSilicon | 38.521-2 | 0939 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-233169 | Update of Additional Spurious Emissions CA test cases | ROHDE & SCHWARZ | 38.521-2 | 0940 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233527 | Update of Additional Spurious Emissions CA test cases | ROHDE & SCHWARZ | 38.521-2 | 0940 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233170 | Update of Additional MPR CA test cases | ROHDE & SCHWARZ | 38.521-2 | 0941 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233562 | Update of Additional MPR CA test cases | ROHDE & SCHWARZ | 38.521-2 | 0941 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233191 | Update to connection diagram of Spurious Emissions test cases | Bureau Veritas ADT, Qualcomm | 38.521-2 | 0942 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-233192 | Update to connection diagram of Spurious Emissions with Power Boost test cases | Bureau Veritas ADT, Qualcomm | 38.521-2 | 0943 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh-UEConTest | withdrawn |
| R5-233206 | Addition to the abbreviations on RedCap for FR2 UE | ZTE Corporation | 38.521-2 | 0944 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-233214 | Corrections on test parameters for adjacent channel selectivity for FR2 | ZTE Corporation, Anritsu | 38.521-2 | 0945 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233578 | Corrections on test parameters for adjacent channel selectivity for FR2 | ZTE Corporation, Anritsu | 38.521-2 | 0945 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233215 | Corrections on test parameters for blocking characteristics for FR2 | ZTE Corporation | 38.521-2 | 0946 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233579 | Corrections on test parameters for blocking characteristics for FR2 | ZTE Corporation | 38.521-2 | 0946 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233219 | Corrections on the minimum guardband calculation for FR2 | ZTE Corporation | 38.521-2 | 0947 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233223 | Update to test case 6.3.4.3 Relative power tolerance | Ericsson | 38.521-2 | 0948 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-233225 | FR2 Spectrum Emission Mask test procedure update | Keysight Technologies UK Ltd, Apple | 38.521-2 | 0949 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233252 | Update to FR2 RF phase continuity test | Apple Inc | 38.521-2 | 0950 | - | Rel-17 | F | NR\_cov\_enh-UEConTest | revised |
| R5-233551 | Update to FR2 RF phase continuity test | Apple Inc | 38.521-2 | 0950 | 1 | Rel-17 | F | NR\_cov\_enh-UEConTest | agreed |
| R5-233254 | Updates to FR2 RF test case 6.2.5 for EIRP with UL-Gaps | Apple Inc | 38.521-2 | 0951 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh2-UEConTest | revised |
| R5-233716 | Updates to FR2 RF test case 6.2.5 for EIRP with UL-Gaps | Apple Inc | 38.521-2 | 0951 | 1 | Rel-17 | F | NR\_RF\_FR2\_req\_enh2-UEConTest | agreed |
| R5-233260 | Updates to FR2 CA Refsens tests | Apple Inc | 38.521-2 | 0952 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh-UEConTest | revised |
| R5-233560 | Updates to FR2 CA Refsens tests | Apple Inc | 38.521-2 | 0952 | 1 | Rel-17 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-233261 | Updates to FR2 CA EIS Sph Cov tests | Apple Inc | 38.521-2 | 0953 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh-UEConTest | revised |
| R5-233559 | Updates to FR2 CA EIS Sph Cov tests | Apple Inc | 38.521-2 | 0953 | 1 | Rel-17 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-233262 | Updates to FR2 CA Max Input Level tests | Apple Inc | 38.521-2 | 0954 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh-UEConTest | revised |
| R5-233561 | Updates to FR2 CA Max Input Level tests | Apple Inc | 38.521-2 | 0954 | 1 | Rel-17 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-232105 | Introduction of DC\_1A\_n79A PC2 MOP test requirements | NTT DOCOMO INC. | 38.521-3 | 1588 | - | Rel-17 | F | ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest | withdrawn |
| R5-232167 | FR2 MUs - Editor notes updates in 38.521-3 | Keysight Technologies UK Ltd | 38.521-3 | 1589 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233638 | FR2 MUs - Editor notes updates in 38.521-3 | Keysight Technologies UK Ltd | 38.521-3 | 1589 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232226 | Update PC2 MSD minimum requirements and test requirements for DC\_2A\_n77A, DC\_13A\_n77A, and DC\_66A\_n77A | Verizon Switzerland AG | 38.521-3 | 1590 | - | Rel-17 | F | ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest | revised |
| R5-233703 | Update PC2 MSD minimum requirements and test requirements for DC\_2A\_n77A, DC\_13A\_n77A, and DC\_66A\_n77A | Verizon Switzerland AG | 38.521-3 | 1590 | 1 | Rel-17 | F | ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest | agreed |
| R5-232257 | Introduction of DC\_3A\_n79A PC2 MOP test requirements | NTT DOCOMO INC. | 38.521-3 | 1591 | - | Rel-17 | F | ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest | withdrawn |
| R5-232259 | Introduction of DC\_19A\_n79A PC2 MOP test requirements | NTT DOCOMO INC. | 38.521-3 | 1592 | - | Rel-17 | F | ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest | withdrawn |
| R5-232260 | Introduction of DC\_21A\_n79A PC2 MOP test requirements | NTT DOCOMO INC. | 38.521-3 | 1593 | - | Rel-17 | F | ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest | withdrawn |
| R5-232349 | Editorial update Tx spurious co-existence for DC\_71A\_n2A | Keysight Technologies UK Ltd | 38.521-3 | 1594 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232358 | NSA beam correspondence test applicability inconsistent with SA test | Keysight Technologies UK Ltd | 38.521-3 | 1595 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233724 | NSA beam correspondence test applicability inconsistent with SA test | Keysight Technologies UK Ltd | 38.521-3 | 1595 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232365 | Correction to spurious emissions test cases for 21A\_n28A | DOCOMO Communications Lab. | 38.521-3 | 1596 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232380 | Correction of Spurious emissions for UE co-existence requirement of ENDC | CAICT | 38.521-3 | 1597 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232383 | Correction of the DC\_28A\_n78A PC2 MOP test requirements | ETSI MCC (NTT DOCOMO INC.) | 38.521-3 | 1598 | - | Rel-17 | F | ENDC\_UE\_PC2\_R17\_NR\_TDD-UEConTest | agreed |
| R5-232447 | Addition of new CADC MOP TC | Intertek, CMCC | 38.521-3 | 1599 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-233563 | Addition of new CADC MOP TC | Intertek, CMCC | 38.521-3 | 1599 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232448 | Addition of new CADC TC 6.3B.3.4\_1.1 | Intertek, CMCC | 38.521-3 | 1600 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-233564 | Addition of new CADC TC 6.3B.3.4\_1.1 | Intertek, CMCC | 38.521-3 | 1600 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232514 | Update the Initial Conditions of four 6.2B.x TCs | SGS Wireless | 38.521-3 | 1601 | - | Rel-17 | F | TEI15\_Test | agreed |
| R5-232607 | Update Ref sense for DC\_38A\_n78A, DC\_18A\_n77A and DC\_19A\_n77A | Qualcomm India Pvt Ltd | 38.521-3 | 1602 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233520 | Update Ref sense for DC\_38A\_n78A, DC\_18A\_n77A and DC\_19A\_n77A | Qualcomm India Pvt Ltd | 38.521-3 | 1602 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232609 | Update Ref sense for DC\_7A\_n66A DC\_7A\_n71A DC\_7A\_n77A and DC\_66A\_n25A | Qualcomm India Pvt Ltd | 38.521-3 | 1603 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232623 | Adding SE Coex Inter band ENDC FR2 UL-MIMO test case | Qualcomm Tech. Netherlands B.V | 38.521-3 | 1604 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232700 | Addition of 6.5E.4 Transmit intermodulation for V2X | TTA | 38.521-3 | 1605 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-232753 | Correction to 6.2B.4.1.3 configured output power for EN-DC | Huawei, HiSilicon | 38.521-3 | 1606 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233725 | Correction to 6.2B.4.1.3 configured output power for EN-DC | Huawei, HiSilicon | 38.521-3 | 1606 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232754 | Correction to test ID for PC2 fallback PC3 testing | Huawei, HiSilicon | 38.521-3 | 1607 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232772 | Addition of reference sensitivity for 21A\_n28A | DOCOMO Communications Lab. | 38.521-3 | 1608 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232773 | Addition of reference sensitivity for 19A\_n77A | DOCOMO Communications Lab. | 38.521-3 | 1609 | - | Rel-17 | F | TEI15\_Test | withdrawn |
| R5-232840 | Update of PC2 UE configured output power for inter-band EN-DC configurations | China Telecom, Huawei, HiSilicon, Qualcomm | 38.521-3 | 1610 | - | Rel-17 | F | Power\_Limit\_CA\_DC-UEConTest | agreed |
| R5-232841 | Update of PC2 UE maximum output power for inter-band EN-DC configurations | China Telecom, Huawei, HiSilicon, Qualcomm | 38.521-3 | 1611 | - | Rel-17 | F | Power\_Limit\_CA\_DC-UEConTest | agreed |
| R5-233001 | Correction to reference of RMC for E-UTRA TDD in FR1 EN-DC test cases | Anritsu | 38.521-3 | 1612 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233002 | Correction to 6.2B.4.1.3 and editorial correction to Tx test cases | Anritsu | 38.521-3 | 1613 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233003 | Correction to test procedure in FR2 EN-DC Minimum output power test cases | Anritsu | 38.521-3 | 1614 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-233025 | Adding time delay to intra-band EN-DC test cases | Huawei, HiSilicon | 38.521-3 | 1615 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233028 | Clarification of spurious emsission testing configuration - Part 3 | Huawei, HiSilicon | 38.521-3 | 1616 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233545 | Clarification of spurious emsission testing configuration - Part 3 | Huawei, HiSilicon | 38.521-3 | 1616 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233157 | Update 7.3B.3.3.1 for R16 DC combos | Qualcomm India Pvt Ltd | 38.521-3 | 1617 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-233168 | Addition of Additional Spurious Emissions FR2 CA test cases | ROHDE & SCHWARZ | 38.521-3 | 1618 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233175 | Update of in-band blocking for CA test cases | ROHDE & SCHWARZ | 38.521-3 | 1619 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233182 | Update to R15 Configuration for DC | Bureau Veritas ADT, KDDI | 38.521-3 | 1620 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233183 | Update to R16 Configuration for DC | Bureau Veritas ADT, KDDI | 38.521-3 | 1621 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-233184 | Update to R17 Configuration for DC | Bureau Veritas ADT | 38.521-3 | 1622 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | withdrawn |
| R5-233190 | Additional editors note to Power Boost relevant test cases | Bureau Veritas ADT | 38.521-3 | 1623 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-233209 | Corrections on higher power class indication for EN-DC configuration | ZTE Corporation | 38.521-3 | 1624 | - | Rel-17 | F | Power\_Limit\_CA\_DC-UEConTest | revised |
| R5-233577 | Corrections on higher power class indication for EN-DC configuration | ZTE Corporation | 38.521-3 | 1624 | 1 | Rel-17 | F | Power\_Limit\_CA\_DC-UEConTest | agreed |
| R5-233216 | Corrections on test requirements for MSD due to dual uplink for EN-DC | ZTE Corporation | 38.521-3 | 1625 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-233576 | Corrections on test requirements for MSD due to dual uplink for EN-DC | ZTE Corporation | 38.521-3 | 1625 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-233235 | Clarification of UL Tx Switching in EN-DC RF test case | Apple Inc | 38.521-3 | 1626 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | revised |
| R5-233738 | Clarification of UL Tx Switching in EN-DC RF test case | Apple Inc | 38.521-3 | 1626 | 1 | Rel-17 | F | NR\_RF\_FR1-UEConTest | withdrawn |
| R5-233255 | Update of EIRP with UL-Gaps test for EN-DC with FR2 | Apple Inc | 38.521-3 | 1627 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh2-UEConTest | withdrawn |
| R5-232384 | Correction of Table F.1.1.3 additional 4Tx uncertainty | Ericsson | 38.521-4 | 0653 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232457 | Correction to RedCap Demod TC 5.2.2.2.18 PDSCH 2Rx TDD | Huawei, HiSilicon | 38.521-4 | 0654 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | withdrawn |
| R5-232528 | Correction to Rel-16 NR HST DPS cases | MediaTek Inc. | 38.521-4 | 0655 | - | Rel-17 | F | TEI16\_Test, NR\_HST-UEConTest | revised |
| R5-233726 | Correction to Rel-16 NR HST DPS cases | MediaTek Inc. | 38.521-4 | 0655 | 1 | Rel-17 | F | TEI16\_Test, NR\_HST-UEConTest | withdrawn |
| R5-232567 | Addition of test case 5.3.2.1.4, 2Rx FDD FR1 PDCCH performance for RedCap | Ericsson | 38.521-4 | 0656 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233598 | Addition of test case 5.3.2.1.4, 2Rx FDD FR1 PDCCH performance for RedCap | Ericsson | 38.521-4 | 0656 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232568 | Addition of test case 5.3.2.2.4, 2Rx TDD FR1 PDCCH performance for RedCap | Ericsson | 38.521-4 | 0657 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233745 | Addition of test case 5.3.2.2.4, 2Rx TDD FR1 PDCCH performance for RedCap | Ericsson | 38.521-4 | 0657 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232569 | Adding SNR value for test 1-4 in test case 5.2.1.1.1 | Ericsson | 38.521-4 | 0658 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233746 | Adding SNR value for test 1-4 in test case 5.2.1.1.1 | Ericsson | 38.521-4 | 0658 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232570 | Core spec alignment for applicability of requirements | Ericsson | 38.521-4 | 0659 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232571 | Updates to test case 6.2.1.1.1.1, 1Rx FDD FR1 periodic CQI reporting under AWGN conditions for RedCap | Ericsson | 38.521-4 | 0660 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232572 | Addition of test case 6.2.1.2.1.1, 1Rx TDD FR1 periodic CQI reporting under AWGN conditions for RedCap | Ericsson | 38.521-4 | 0661 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232573 | Addition of test case 6.2.1.2.2.1, 1Rx TDD FR1 periodic wideband CQI reporting under fading conditions for RedCap | Ericsson | 38.521-4 | 0662 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232574 | Addition on MU and TT for newly introduced RedCap Demod test cases | Ericsson | 38.521-4 | 0663 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233714 | Addition on MU and TT for newly introduced RedCap Demod test cases | Ericsson | 38.521-4 | 0663 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232575 | Addition on MU and TT for newly introduced RedCap CQI test cases | Ericsson | 38.521-4 | 0664 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233599 | Addition on MU and TT for newly introduced RedCap CQI test cases | Ericsson | 38.521-4 | 0664 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232577 | Missing minimum test time for reference channel for RedCap | Ericsson | 38.521-4 | 0665 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232653 | Correction to Annex B.2 for TDLD Delay profile | MediaTek Inc. | 38.521-4 | 0666 | - | Rel-17 | F | TEI15\_Test | withdrawn |
| R5-232809 | Addition of Applicability of different requirements for HST | CMCC | 38.521-4 | 0667 | - | Rel-17 | F | NR\_HST\_FR1\_enh-UEConTest | agreed |
| R5-232810 | Update of Reference measurement channels for SCS 15 kHz FR1 | CMCC | 38.521-4 | 0668 | - | Rel-17 | F | NR\_HST\_FR1\_enh-UEConTest | agreed |
| R5-232811 | Update of Reference measurement channels for SCS 30 kHz FR1 | CMCC | 38.521-4 | 0669 | - | Rel-17 | F | NR\_HST\_FR1\_enh-UEConTest | agreed |
| R5-232835 | Add applicability rule for PDSCH with inter cell interference and CRS-IM demodulation requirements | China Telecom | 38.521-4 | 0670 | - | Rel-17 | F | NR\_demod\_enh2-UEConTest | agreed |
| R5-232836 | Adding FRC for R17 demodulation enhancement WI | China Telecom | 38.521-4 | 0671 | - | Rel-17 | F | NR\_demod\_enh2-UEConTest | agreed |
| R5-232838 | Add PDSCH demodulation test case with inter-cell intereference 2Rx FDD | China Telecom | 38.521-4 | 0672 | - | Rel-17 | F | NR\_demod\_enh2-UEConTest | revised |
| R5-233707 | Add PDSCH demodulation test case with inter-cell intereference 2Rx FDD | China Telecom | 38.521-4 | 0672 | 1 | Rel-17 | F | NR\_demod\_enh2-UEConTest | agreed |
| R5-232839 | Add PDSCH demodulation test case with inter-cell intereference 4Rx FDD | China Telecom | 38.521-4 | 0673 | - | Rel-17 | F | NR\_demod\_enh2-UEConTest | revised |
| R5-233708 | Add PDSCH demodulation test case with inter-cell intereference 4Rx FDD | China Telecom | 38.521-4 | 0673 | 1 | Rel-17 | F | NR\_demod\_enh2-UEConTest | agreed |
| R5-232852 | Updates to 10^-5 BLER PDSCH Demodulation test cases | Qualcomm Europe Inc. Sweden | 38.521-4 | 0674 | - | Rel-17 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-233732 | Updates to 10^-5 BLER PDSCH Demodulation test cases | Qualcomm Europe Inc. Sweden | 38.521-4 | 0674 | 1 | Rel-17 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-232853 | Updates to Power Saving test cases | Qualcomm Europe Inc. Sweden | 38.521-4 | 0675 | - | Rel-17 | F | TEI16\_Test, NR\_UE\_pow\_sav-UEConTest | revised |
| R5-233737 | Updates to Power Saving test cases | Qualcomm Europe Inc. Sweden | 38.521-4 | 0675 | 1 | Rel-17 | F | TEI16\_Test, NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-232854 | Addition of Demodulation performance testcases for PDSCH with inter-cell interference | Qualcomm Europe Inc. Sweden | 38.521-4 | 0676 | - | Rel-17 | F | NR\_demod\_enh2-UEConTest | revised |
| R5-233580 | Addition of Demodulation performance testcases for PDSCH with inter-cell interference | Qualcomm Europe Inc. Sweden | 38.521-4 | 0676 | 1 | Rel-17 | F | NR\_demod\_enh2-UEConTest | agreed |
| R5-232855 | Addition of Demodulation performance testcases for PDSCH with intra-cell inter user interference | Qualcomm Europe Inc. Sweden | 38.521-4 | 0677 | - | Rel-17 | F | NR\_demod\_enh2-UEConTest | revised |
| R5-233581 | Addition of Demodulation performance testcases for PDSCH with intra-cell inter user interference | Qualcomm Europe Inc. Sweden | 38.521-4 | 0677 | 1 | Rel-17 | F | NR\_demod\_enh2-UEConTest | agreed |
| R5-232856 | Addition of Demodulation performance testcases for PDSCH CRS interference mitigation under NR-LTE coexistense | Qualcomm Europe Inc. Sweden | 38.521-4 | 0678 | - | Rel-17 | F | NR\_demod\_enh2-UEConTest | revised |
| R5-233582 | Addition of Demodulation performance testcases for PDSCH CRS interference mitigation under NR-LTE coexistense | Qualcomm Europe Inc. Sweden | 38.521-4 | 0678 | 1 | Rel-17 | F | NR\_demod\_enh2-UEConTest | agreed |
| R5-232857 | Addition of Demodulation performance testcases for PDSCH with inter-cell CRS interference | Qualcomm Europe Inc. Sweden | 38.521-4 | 0679 | - | Rel-17 | F | NR\_demod\_enh2-UEConTest | revised |
| R5-233583 | Addition of Demodulation performance testcases for PDSCH with inter-cell CRS interference | Qualcomm Europe Inc. Sweden | 38.521-4 | 0679 | 1 | Rel-17 | F | NR\_demod\_enh2-UEConTest | agreed |
| R5-232858 | Addition of PDSCH TC's for 3DLCA and 4DLCA with power imbalance | Qualcomm Europe Inc. Sweden | 38.521-4 | 0680 | - | Rel-17 | F | TEI16\_Test, NR\_perf\_enh-UEConTest | agreed |
| R5-232859 | Addition of NR-DC SDR test case | Qualcomm Europe Inc. Sweden | 38.521-4 | 0681 | - | Rel-17 | F | TEI16\_Test, NR\_perf\_enh-UEConTest | agreed |
| R5-232862 | Updates to PDSCH Performance Test cases for 1024QAM | Qualcomm Europe Inc. Sweden | 38.521-4 | 0682 | - | Rel-17 | F | NR\_DL1024QAM\_FR1-UEConTest | revised |
| R5-233751 | Updates to PDSCH Performance Test cases for 1024QAM | Qualcomm Europe Inc. Sweden | 38.521-4 | 0682 | 1 | Rel-17 | F | NR\_DL1024QAM\_FR1-UEConTest | revised |
| R5-233772 | Updates to PDSCH Performance Test cases for 1024QAM | Qualcomm Europe Inc. Sweden | 38.521-4 | 0682 | 2 | Rel-17 | F | NR\_DL1024QAM\_FR1-UEConTest | agreed |
| R5-232863 | Corrections to clause 5.5 SDR test cases | Qualcomm Europe Inc. Sweden | 38.521-4 | 0683 | - | Rel-17 | F | TEI16\_Test, NR\_perf\_enh-UEConTest | agreed |
| R5-232864 | Corrections to Annex A.3.2\_1.2 | Qualcomm Europe Inc. Sweden | 38.521-4 | 0684 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232865 | Addition of TDD FR1 single carrier CQI reporting test cases on band with shared spectrum access | Qualcomm Europe Inc. Sweden | 38.521-4 | 0685 | - | Rel-17 | F | NR\_unlic-UEConTest | revised |
| R5-233600 | Addition of TDD FR1 single carrier CQI reporting test cases on band with shared spectrum access | Qualcomm Europe Inc. Sweden | 38.521-4 | 0685 | 1 | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-232866 | Addition of TDD FR1 carrier aggregation CQI reporting test cases on band with shared spectrum access | Qualcomm Europe Inc. Sweden | 38.521-4 | 0686 | - | Rel-17 | F | NR\_unlic-UEConTest | withdrawn |
| R5-232867 | Correction to reportQuantity value for 1Tx CQI CA test cases | Qualcomm Europe Inc. Sweden | 38.521-4 | 0687 | - | Rel-17 | F | TEI16\_Test, NR\_perf\_enh-UEConTest | revised |
| R5-233774 | Correction to reportQuantity value for 1Tx CQI CA test cases | Qualcomm Europe Inc. Sweden | 38.521-4 | 0687 | 1 | Rel-17 | F | TEI16\_Test, NR\_perf\_enh-UEConTest | agreed |
| R5-232888 | Additional test case 5.3.2.1.5 2RX FDD Minimum requirements for PDCCH with intra-slot repetition | Samsung | 38.521-4 | 0688 | - | Rel-17 | F | NR\_feMIMO-UEConTest | revised |
| R5-233584 | Additional test case 5.3.2.1.5 2RX FDD Minimum requirements for PDCCH with intra-slot repetition | Samsung | 38.521-4 | 0688 | 1 | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-232889 | Additional test case 5.3.2.2.5 2RX TDD Minimum requirements for PDCCH with intra-slot repetition | Samsung | 38.521-4 | 0689 | - | Rel-17 | F | NR\_feMIMO-UEConTest | revised |
| R5-233585 | Additional test case 5.3.2.2.5 2RX TDD Minimum requirements for PDCCH with intra-slot repetition | Samsung | 38.521-4 | 0689 | 1 | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-232890 | Additional test case 5.3.3.1.4 4RX FDD Minimum requirements for PDCCH with intra-slot repetition | Samsung | 38.521-4 | 0690 | - | Rel-17 | F | NR\_feMIMO-UEConTest | revised |
| R5-233586 | Additional test case 5.3.3.1.4 4RX FDD Minimum requirements for PDCCH with intra-slot repetition | Samsung | 38.521-4 | 0690 | 1 | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-232891 | Additional test case 5.3.3.2.4 4RX TDD Minimum requirements for PDCCH with intra-slot repetition | Samsung | 38.521-4 | 0691 | - | Rel-17 | F | NR\_feMIMO-UEConTest | revised |
| R5-233587 | Additional test case 5.3.3.2.4 4RX TDD Minimum requirements for PDCCH with intra-slot repetition | Samsung | 38.521-4 | 0691 | 1 | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-233004 | Update of Noc levels for n259 or PC2 | Anritsu | 38.521-4 | 0692 | - | Rel-17 | F | TEI16\_Test, NR\_bands\_BW\_R16-UEConTest | revised |
| R5-233602 | Update of Noc levels for n259 or PC2 | Anritsu | 38.521-4 | 0692 | 1 | Rel-17 | F | TEI16\_Test, NR\_bands\_BW\_R16-UEConTest | agreed |
| R5-233005 | Correction to Candidate CCEs in 5.5A.1.1 | Anritsu | 38.521-4 | 0693 | - | Rel-17 | F | TEI16\_Test, NR\_perf\_enh-UEConTest | agreed |
| R5-233006 | Correction to K1 settings in 5.5A.1.1 | Anritsu | 38.521-4 | 0694 | - | Rel-17 | F | TEI16\_Test, NR\_perf\_enh-UEConTest | agreed |
| R5-233007 | Correction to message exception in 6.2A.3.1.1 | Anritsu | 38.521-4 | 0695 | - | Rel-17 | F | TEI16\_Test, NR\_perf\_enh-UEConTest | agreed |
| R5-233008 | Correction to K1 settings in 6.2A.3.1.1 | Anritsu | 38.521-4 | 0696 | - | Rel-17 | F | TEI16\_Test, NR\_perf\_enh-UEConTest | agreed |
| R5-233009 | Correction to message exception in 6.2A.3.1.2 and 6.2A.3.1.3 | Anritsu | 38.521-4 | 0697 | - | Rel-17 | F | TEI16\_Test, NR\_perf\_enh-UEConTest | withdrawn |
| R5-233010 | Editorial correction to chapter 5 with move of 5.2.2.2.18 | Anritsu, Huawei, HiSilicon | 38.521-4 | 0698 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233743 | Editorial correction to chapter 5 with move of 5.2.2.2.18 | Anritsu, Huawei, HiSilicon | 38.521-4 | 0698 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-233041 | Addition of test applicability of HST-SFN Scheme A and B | Huawei, HiSilicon | 38.521-4 | 0699 | - | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-233042 | Addition of 5.2.2.1.20 2Rx FDD HST-SFN Scheme A | Huawei, HiSilicon | 38.521-4 | 0700 | - | Rel-17 | F | NR\_feMIMO-UEConTest | revised |
| R5-233588 | Addition of 5.2.2.1.20 2Rx FDD HST-SFN Scheme A | Huawei, HiSilicon | 38.521-4 | 0700 | 1 | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-233043 | Addition of 5.2.2.1.21 2Rx FDD HST-SFN Scheme B | Huawei, HiSilicon | 38.521-4 | 0701 | - | Rel-17 | F | NR\_feMIMO-UEConTest | revised |
| R5-233589 | Addition of 5.2.2.1.21 2Rx FDD HST-SFN Scheme B | Huawei, HiSilicon | 38.521-4 | 0701 | 1 | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-233044 | Addition of 5.2.2.2.21 2Rx TDD HST-SFN Scheme A | Huawei, HiSilicon | 38.521-4 | 0702 | - | Rel-17 | F | NR\_feMIMO-UEConTest | revised |
| R5-233590 | Addition of 5.2.2.2.21 2Rx TDD HST-SFN Scheme A | Huawei, HiSilicon | 38.521-4 | 0702 | 1 | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-233045 | Addition of 5.2.2.2.22 2Rx TDD HST-SFN Scheme B | Huawei, HiSilicon | 38.521-4 | 0703 | - | Rel-17 | F | NR\_feMIMO-UEConTest | revised |
| R5-233591 | Addition of 5.2.2.2.22 2Rx TDD HST-SFN Scheme B | Huawei, HiSilicon | 38.521-4 | 0703 | 1 | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-233046 | Addition of 5.2.3.1.19 4Rx FDD HST-SFN Scheme A | Huawei, HiSilicon | 38.521-4 | 0704 | - | Rel-17 | F | NR\_feMIMO-UEConTest | revised |
| R5-233592 | Addition of 5.2.3.1.19 4Rx FDD HST-SFN Scheme A | Huawei, HiSilicon | 38.521-4 | 0704 | 1 | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-233047 | Addition of 5.2.3.1.20 4Rx FDD HST-SFN Scheme B | Huawei, HiSilicon | 38.521-4 | 0705 | - | Rel-17 | F | NR\_feMIMO-UEConTest | revised |
| R5-233593 | Addition of 5.2.3.1.20 4Rx FDD HST-SFN Scheme B | Huawei, HiSilicon | 38.521-4 | 0705 | 1 | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-233048 | Addition of 5.2.3.2.20 4Rx TDD HST-SFN Scheme A | Huawei, HiSilicon | 38.521-4 | 0706 | - | Rel-17 | F | NR\_feMIMO-UEConTest | revised |
| R5-233594 | Addition of 5.2.3.2.20 4Rx TDD HST-SFN Scheme A | Huawei, HiSilicon | 38.521-4 | 0706 | 1 | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-233049 | Addition of 5.2.3.2.21 4Rx TDD HST-SFN Scheme B | Huawei, HiSilicon | 38.521-4 | 0707 | - | Rel-17 | F | NR\_feMIMO-UEConTest | revised |
| R5-233595 | Addition of 5.2.3.2.21 4Rx TDD HST-SFN Scheme B | Huawei, HiSilicon | 38.521-4 | 0707 | 1 | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-233050 | Addition of RMC for HST-SFN scheme A and B | Huawei, HiSilicon | 38.521-4 | 0708 | - | Rel-17 | F | NR\_feMIMO-UEConTest | revised |
| R5-233596 | Addition of RMC for HST-SFN scheme A and B | Huawei, HiSilicon | 38.521-4 | 0708 | 1 | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-233051 | Addition of propagation information of HST scheme A and B | Huawei, HiSilicon | 38.521-4 | 0709 | - | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-233052 | Addition of MU and TT for HST scheme A and B | Huawei, HiSilicon | 38.521-4 | 0710 | - | Rel-17 | F | NR\_feMIMO-UEConTest | revised |
| R5-233597 | Addition of MU and TT for HST scheme A and B | Huawei, HiSilicon | 38.521-4 | 0710 | 1 | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-233053 | Addition of minimum test time for HST scheme A and B | Huawei, HiSilicon | 38.521-4 | 0711 | - | Rel-17 | F | NR\_feMIMO-UEConTest | revised |
| R5-233688 | Addition of minimum test time for HST scheme A and B | Huawei, HiSilicon | 38.521-4 | 0711 | 1 | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-233208 | Corrections on general sections for RF performance requirements | ZTE Corporation, Anritsu | 38.521-4 | 0712 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233601 | Corrections on general sections for RF performance requirements | ZTE Corporation, Anritsu | 38.521-4 | 0712 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233217 | Corrections on the applicability of demodulation performance requirements | ZTE Corporation | 38.521-4 | 0713 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233603 | Corrections on the applicability of demodulation performance requirements | ZTE Corporation | 38.521-4 | 0713 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233224 | Update to RedCap PDSCH test cases | Qualcomm Europe Inc. Sweden | 38.521-4 | 0714 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | withdrawn |
| R5-233268 | Correction to reportQuantity value for 1Tx URLLC CQI test cases | Qualcomm Europe Inc. Sweden | 38.521-4 | 0715 | - | Rel-17 | F | NR\_L1enh\_URLLC-UEConTest | revised |
| R5-233770 | Correction to reportQuantity value for 1Tx URLLC CQI test cases | Qualcomm Europe Inc. Sweden | 38.521-4 | 0715 | 1 | Rel-17 | F | NR\_L1enh\_URLLC-UEConTest | agreed |
| R5-232103 | Add applicability of new test cases for gap enhancement- Pre-MG and NCSG | MediaTek Inc. | 38.522 | 0268 | - | Rel-17 | F | NR\_MG\_enh-UEConTest | revised |
| R5-233690 | Add applicability of new test cases for gap enhancement- Pre-MG and NCSG | MediaTek Inc. | 38.522 | 0268 | 1 | Rel-17 | F | NR\_MG\_enh-UEConTest | agreed |
| R5-232129 | Adding applicability statement for SCell Activation and deactivation for SCell in FR2 inter-band in non-DRX | Nokia, Nokia Shanghai Bell | 38.522 | 0269 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh2-UEConTest | agreed |
| R5-232236 | Addition of applicability for 5GS HST FR2 test case | Nokia, Nokia Shanghai Bell | 38.522 | 0270 | - | Rel-17 | F | NR\_HST\_FR2-UEConTest | revised |
| R5-233506 | Addition of applicability for 5GS HST FR2 test case | Nokia, Nokia Shanghai Bell | 38.522 | 0270 | 1 | Rel-17 | F | NR\_HST\_FR2-UEConTest | agreed |
| R5-232273 | Completion of applicability for DC\_CA test cases | Nokia, Nokia Shanghai Bell | 38.522 | 0271 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-233686 | Completion of applicability for DC\_CA test cases | Nokia, Nokia Shanghai Bell | 38.522 | 0271 | 1 | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232274 | Adding applicability UE Rx-Tx time difference measurement for propagation delay compensation using TRS in FR2 | Nokia, Nokia Shanghai Bell | 38.522 | 0272 | - | Rel-17 | F | NR\_IIOT\_URLLC\_enh-UEConTest | agreed |
| R5-232458 | Correction to applicability of RedCap RRM TCs | Huawei, HiSilicon | 38.522 | 0273 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232529 | Update of eMG case applicabilities | MediaTek Inc. | 38.522 | 0274 | - | Rel-17 | F | NR\_MG\_enh-UEConTest | revised |
| R5-233710 | Update of eMG case applicabilities | MediaTek Inc. | 38.522 | 0274 | 1 | Rel-17 | F | NR\_MG\_enh-UEConTest | agreed |
| R5-232578 | Addition of applicability for RedCap demod test cases | Ericsson | 38.522 | 0275 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232580 | Addition of applicability for test case 6.5F.2.4.2 | Ericsson | 38.522 | 0276 | - | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-232667 | Update to RRM applicability rules and test optimization - 38.522 | Qualcomm France | 38.522 | 0277 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233691 | Update to RRM applicability rules and test optimization - 38.522 | Qualcomm France | 38.522 | 0277 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232742 | Addition of test applicability for SUL test cases with UL MIMO | Huawei, HiSilicon | 38.522 | 0278 | - | Rel-17 | F | NR\_bands\_UL\_MIMO\_PC3\_R17-UEConTest | agreed |
| R5-232756 | Correction to test applicability for UL MIMO test cases | Huawei, HiSilicon | 38.522 | 0279 | - | Rel-17 | F | TEI16\_Test, NR\_eMIMO-UEConTest | agreed |
| R5-232771 | Correction to applicability for performance test cases | TTA | 38.522 | 0280 | - | Rel-17 | F | TEI15\_Test, NR\_perf\_enh-UEConTest | revised |
| R5-233692 | Correction to applicability for performance test cases | TTA | 38.522 | 0280 | 1 | Rel-17 | F | TEI15\_Test, NR\_perf\_enh-UEConTest | agreed |
| R5-232789 | Update to R16 NR CADC configuration test cases applicability | CMCC, Intertek, Rohde&Schwarz | 38.522 | 0281 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-233736 | Update to R16 NR CADC configuration test cases applicability | CMCC, Intertek, Rohde&Schwarz | 38.522 | 0281 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232799 | Update to R17 NR CADC configuration test cases applicability | CMCC | 38.522 | 0282 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | withdrawn |
| R5-232812 | Update to R17 NR HST FR1 enh test cases applicability | CMCC, Ericsson | 38.522 | 0283 | - | Rel-17 | F | NR\_HST\_FR1\_enh-UEConTest | agreed |
| R5-232834 | Adding applicability for MMSE-IRC test cases | China Telecom | 38.522 | 0284 | - | Rel-17 | F | NR\_demod\_enh2-UEConTest | agreed |
| R5-232860 | Applicability update for CLI test cases | Qualcomm Europe Inc. Sweden | 38.522 | 0285 | - | Rel-17 | F | NR\_CLI-UEConTest | revised |
| R5-233731 | Applicability update for CLI test cases | Qualcomm Europe Inc. Sweden | 38.522 | 0285 | 1 | Rel-17 | F | NR\_CLI-UEConTest | agreed |
| R5-232892 | Adding applicability statements for NR FeMIMO | Samsung | 38.522 | 0286 | - | Rel-17 | F | NR\_feMIMO-UEConTest | withdrawn |
| R5-232928 | Applicability of FR2 RedCap reselection test cases | Ericsson | 38.522 | 0287 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232930 | 38.522 correction for RRM enh cases | Ericsson | 38.522 | 0288 | - | Rel-17 | F | NR\_RRM\_enh-UEConTest | withdrawn |
| R5-233032 | Update to test applicability of beam correspondence | Huawei, HiSilicon | 38.522 | 0289 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh-UEConTest | agreed |
| R5-233035 | Update to test applicability of SUL test cases | Huawei, HiSilicon | 38.522 | 0290 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233715 | Update to test applicability of SUL test cases | Huawei, HiSilicon | 38.522 | 0290 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-233055 | Addition of applicabiltiy for NR feMIMO test cases | Huawei, HiSilicon | 38.522 | 0291 | - | Rel-17 | F | NR\_feMIMO-UEConTest | revised |
| R5-233689 | Addition of applicabiltiy for NR feMIMO test cases | Huawei, HiSilicon | 38.522 | 0291 | 1 | Rel-17 | F | NR\_feMIMO-UEConTest | agreed |
| R5-233159 | Update 38.522 for 6.2.1 and 6.2G.1 | Qualcomm India Pvt Ltd | 38.522 | 0292 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-233176 | Update of applicability for FR2 CA test cases | ROHDE & SCHWARZ | 38.522 | 0293 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233727 | Update of applicability for FR2 CA test cases | ROHDE & SCHWARZ | 38.522 | 0293 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233177 | Update applicability for in-band blocking FR2 CA test cases | ROHDE & SCHWARZ | 38.522 | 0294 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233778 | Update applicability for in-band blocking FR2 CA test cases | ROHDE & SCHWARZ | 38.522 | 0294 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233180 | Correction to applicability of 5G test cases | Bureau Veritas ADT, SGS Wireless, Sporton, TTA | 38.522 | 0295 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233728 | Correction to applicability of 5G test cases | Bureau Veritas ADT, SGS Wireless, Sporton, TTA | 38.522 | 0295 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233181 | Update to handle the test case applicability with different branches | Bureau Veritas ADT, CMCC, Sporton | 38.522 | 0296 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233685 | Update to handle the test case applicability with different branches | Bureau Veritas ADT, CMCC, Sporton | 38.522 | 0296 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233250 | Addition of applicability for FR2 RF phase continuity test | Apple Inc | 38.522 | 0297 | - | Rel-17 | F | NR\_cov\_enh-UEConTest | revised |
| R5-233687 | Addition of applicability for FR2 RF phase continuity test | Apple Inc | 38.522 | 0297 | 1 | Rel-17 | F | NR\_cov\_enh-UEConTest | agreed |
| R5-233253 | Applicability updates to FR2 RF tests | Apple Inc | 38.522 | 0298 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh2-UEConTest | agreed |
| R5-233264 | Applicability update for FR2 TCI state switch tests | Qualcomm France | 38.522 | 0299 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233693 | Applicability update for FR2 TCI state switch tests | Qualcomm France | 38.522 | 0299 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232037 | Add new NR Multi-SIM test case 8.1.5.10.2 | China Telecom | 38.523-1 | 3624 | - | Rel-17 | F | LTE\_NR\_MUSIM\_plus\_CT1-UEConTest | revised |
| R5-233469 | Add new NR Multi-SIM test case 8.1.5.10.2 | China Telecom | 38.523-1 | 3624 | 1 | Rel-17 | F | LTE\_NR\_MUSIM\_plus\_CT1-UEConTest | agreed |
| R5-232039 | Addition of ATSSS new TC 10.4.2.2 | China Telecom | 38.523-1 | 3625 | - | Rel-17 | F | ATSSS-UEConTest | revised |
| R5-233430 | Addition of ATSSS new TC 10.4.2.2 | China Telecom | 38.523-1 | 3625 | 1 | Rel-17 | F | ATSSS-UEConTest | agreed |
| R5-232050 | Correction to power saving enhancements TC 8.1.1.1a.1 | MediaTek Inc. | 38.523-1 | 3626 | - | Rel-17 | F | NR\_UE\_pow\_sav\_enh\_plus\_CT-UEConTest | revised |
| R5-233427 | Correction to power saving enhancements TC 8.1.1.1a.1 | MediaTek Inc. | 38.523-1 | 3626 | 1 | Rel-17 | F | NR\_UE\_pow\_sav\_enh\_plus\_CT-UEConTest | agreed |
| R5-232051 | Correction to power saving enhancements TC 8.1.1.1a.2 | MediaTek Inc. | 38.523-1 | 3627 | - | Rel-17 | F | NR\_UE\_pow\_sav\_enh\_plus\_CT-UEConTest | agreed |
| R5-232052 | Correction to power saving enhancements TC 8.1.1.1a.3 | MediaTek Inc. | 38.523-1 | 3628 | - | Rel-17 | F | NR\_UE\_pow\_sav\_enh\_plus\_CT-UEConTest | agreed |
| R5-232053 | Correction to power saving enhancements TC 9.1.14.1 | MediaTek Inc. | 38.523-1 | 3629 | - | Rel-17 | F | NR\_UE\_pow\_sav\_enh\_plus\_CT-UEConTest | agreed |
| R5-232054 | Correction to power saving enhancements TC 11.4.1a | MediaTek Inc. | 38.523-1 | 3630 | - | Rel-17 | F | NR\_UE\_pow\_sav\_enh\_plus\_CT-UEConTest | revised |
| R5-233428 | Correction to power saving enhancements TC 11.4.1a | MediaTek Inc. | 38.523-1 | 3630 | 1 | Rel-17 | F | NR\_UE\_pow\_sav\_enh\_plus\_CT-UEConTest | agreed |
| R5-232059 | Correction to Idle mode TC 6.1.1.4a and 6.1.2.15a | MediaTek Inc. | 38.523-1 | 3631 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232060 | Correction to CAG TC 6.5.2.1 | MediaTek Inc. | 38.523-1 | 3632 | - | Rel-17 | F | TEI16\_Test, NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-232061 | Correction to CAG TC 6.5.2.2 | MediaTek Inc. | 38.523-1 | 3633 | - | Rel-17 | F | TEI16\_Test, NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | revised |
| R5-233321 | Correction to CAG TC 6.5.2.2 | MediaTek Inc. | 38.523-1 | 3633 | 1 | Rel-17 | F | TEI16\_Test, NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-232062 | Correction to CAG TC 6.5.2.3 | MediaTek Inc. | 38.523-1 | 3634 | - | Rel-17 | F | TEI16\_Test, NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-232063 | Correction to CAG TC 6.5.2.4 | MediaTek Inc. | 38.523-1 | 3635 | - | Rel-17 | F | TEI16\_Test, NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-232064 | Correction to CAG TC 6.5.2.6 | MediaTek Inc. | 38.523-1 | 3636 | - | Rel-17 | F | TEI16\_Test, NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-232065 | Correction to MAC TC 7.1.1.12.3 | MediaTek Inc. | 38.523-1 | 3637 | - | Rel-17 | F | TEI16\_Test, NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-232066 | Correction to NR RRC TC 8.1.1.3.7a | MediaTek Inc., Keysight, Rohde&Schwarz | 38.523-1 | 3638 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233358 | Correction to NR RRC TC 8.1.1.3.7a | MediaTek Inc., Keysight, Rohde&Schwarz | 38.523-1 | 3638 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232067 | Correction to MDT TC 8.1.6.2.4 | MediaTek Inc., Anritsu | 38.523-1 | 3639 | - | Rel-17 | F | TEI16\_Test, NR\_SON\_MDT-UEConTest | agreed |
| R5-232068 | Correction to 5GC TC 9.1.1.2 | MediaTek Inc. | 38.523-1 | 3640 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233347 | Correction to 5GC TC 9.1.1.2 | MediaTek Inc. | 38.523-1 | 3640 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232069 | Correction to MICO TC 9.1.5.1.4 | MediaTek Inc. | 38.523-1 | 3641 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233348 | Correction to MICO TC 9.1.5.1.4 | MediaTek Inc. | 38.523-1 | 3641 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232070 | Correction to 5GC TC 9.1.5.x | MediaTek Inc. | 38.523-1 | 3642 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232071 | Correction to RACS TC 9.1.9.x | MediaTek Inc. | 38.523-1 | 3643 | - | Rel-17 | F | TEI16\_Test, RACS-UEConTest | agreed |
| R5-232072 | Correction to eNS TC 9.1.10.4 | MediaTek Inc. | 38.523-1 | 3644 | - | Rel-17 | F | TEI16\_Test, eNS-UEConTest | withdrawn |
| R5-232073 | Correction to 5GC TC 9.2.5.1.1 | MediaTek Inc. | 38.523-1 | 3645 | - | Rel-17 | F | TEI15\_Test, 5GS\_Ph1-CT\_n3GPPA-UEConTest | agreed |
| R5-232074 | Correction to 5GC TC 9.3.1.3 | MediaTek Inc. | 38.523-1 | 3646 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233349 | Correction to 5GC TC 9.3.1.3 | MediaTek Inc. | 38.523-1 | 3646 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232075 | Correction to UAC TC 11.3.10 | MediaTek Inc. | 38.523-1 | 3647 | - | Rel-17 | F | TEI16\_Test | revised |
| R5-233350 | Correction to UAC TC 11.3.10 | MediaTek Inc. | 38.523-1 | 3647 | 1 | Rel-17 | F | TEI16\_Test | agreed |
| R5-232076 | Correction to emergency service TC 11.4.12 | MediaTek Inc. | 38.523-1 | 3648 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233353 | Correction to emergency service TC 11.4.12 | MediaTek Inc. | 38.523-1 | 3648 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232085 | Correction to ATSSS TC 10.4.1.1 | MediaTek Inc. | 38.523-1 | 3649 | - | Rel-17 | F | ATSSS-UEConTest | agreed |
| R5-232086 | Correction to ATSSS TC 10.4.1.2 | MediaTek Inc. | 38.523-1 | 3650 | - | Rel-17 | F | ATSSS-UEConTest | revised |
| R5-233431 | Correction to ATSSS TC 10.4.1.2 | MediaTek Inc. | 38.523-1 | 3650 | 1 | Rel-17 | F | ATSSS-UEConTest | agreed |
| R5-232087 | Correction to ATSSS TC 10.4.1.4 | MediaTek Inc. | 38.523-1 | 3651 | - | Rel-17 | F | ATSSS-UEConTest | revised |
| R5-233432 | Correction to ATSSS TC 10.4.1.4 | MediaTek Inc. | 38.523-1 | 3651 | 1 | Rel-17 | F | ATSSS-UEConTest | agreed |
| R5-232088 | Correction to RedCap TC 6.1.2.26 | MediaTek Inc. | 38.523-1 | 3652 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | withdrawn |
| R5-232089 | Correction to RedCap test case 11.7.1 | MediaTek Inc., Huawei, Hisilicon, MCC TF160 | 38.523-1 | 3653 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233411 | Correction to RedCap test case 11.7.1 | MediaTek Inc., Huawei, Hisilicon, MCC TF160 | 38.523-1 | 3653 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232090 | Correction to RedCap test case 11.7.2 | MediaTek Inc., Huawei, Hisilicon, MCC TF160 | 38.523-1 | 3654 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233412 | Correction to RedCap test case 11.7.2 | MediaTek Inc., Huawei, Hisilicon, MCC TF160 | 38.523-1 | 3654 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232091 | Correction to SDT TC 7.1.1.13.1 | MediaTek Inc. | 38.523-1 | 3655 | - | Rel-17 | F | NR\_SmallData\_INACTIVE-UEConTest | revised |
| R5-233413 | Correction to SDT TC 7.1.1.13.1 | MediaTek Inc. | 38.523-1 | 3655 | 1 | Rel-17 | F | NR\_SmallData\_INACTIVE-UEConTest | agreed |
| R5-232092 | Correction to SDT TC 7.1.1.13.2 | MediaTek Inc. | 38.523-1 | 3656 | - | Rel-17 | F | NR\_SmallData\_INACTIVE-UEConTest | agreed |
| R5-232093 | Correction to SDT TC 7.1.1.13.3 | MediaTek Inc. | 38.523-1 | 3657 | - | Rel-17 | F | NR\_SmallData\_INACTIVE-UEConTest | agreed |
| R5-232095 | Correction to SDT TC 7.1.1.13.4 | MediaTek Inc. | 38.523-1 | 3658 | - | Rel-17 | F | NR\_SmallData\_INACTIVE-UEConTest | agreed |
| R5-232096 | Editorial corrections to SDT TC 8.1.5.13.1 | MediaTek Inc. | 38.523-1 | 3659 | - | Rel-17 | F | NR\_SmallData\_INACTIVE-UEConTest | agreed |
| R5-232131 | Correction to NR Inter-RAT test case 6.2.3.4 | Anritsu EMEA Ltd | 38.523-1 | 3660 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232155 | Correction to FR2 Power level tables for NR RRC test cases | Anritsu EMEA Ltd | 38.523-1 | 3661 | - | Rel-17 | F | TEI16\_Test, SRVCC\_NR\_to\_UMTS-UEConTest | agreed |
| R5-232179 | Update to MAC test case for 4 step RACH with Slice specific RACH configuration | Lenovo | 38.523-1 | 3662 | - | Rel-17 | F | NR\_slice-UEConTest | agreed |
| R5-232180 | Update to MAC test case for 4 step RACH with Slice specific RACH configuration with ra-PrioritizationForSlicing | Lenovo | 38.523-1 | 3663 | - | Rel-17 | F | NR\_slice-UEConTest | agreed |
| R5-232181 | Update to MAC test case for 2 step RACH with Slice specific RACH configuration | Lenovo | 38.523-1 | 3664 | - | Rel-17 | F | NR\_slice-UEConTest | agreed |
| R5-232182 | Update to MAC test case for 2 step RACH with Slice specific RACH configuration with ra-PrioritizationForSlicing | Lenovo | 38.523-1 | 3665 | - | Rel-17 | F | NR\_slice-UEConTest | agreed |
| R5-232183 | Update to MAC test case for RA Based SDT / 2-step RACH | Lenovo | 38.523-1 | 3666 | - | Rel-17 | F | NR\_SmallData\_INACTIVE-UEConTest | revised |
| R5-233415 | Update to MAC test case for RA Based SDT / 2-step RACH | Lenovo | 38.523-1 | 3666 | 1 | Rel-17 | F | NR\_SmallData\_INACTIVE-UEConTest | agreed |
| R5-232184 | Update to MAC test case for RA Based SDT / 4-step RACH | Lenovo | 38.523-1 | 3667 | - | Rel-17 | F | NR\_SmallData\_INACTIVE-UEConTest | revised |
| R5-233416 | Update to MAC test case for RA Based SDT / 4-step RACH | Lenovo | 38.523-1 | 3667 | 1 | Rel-17 | F | NR\_SmallData\_INACTIVE-UEConTest | agreed |
| R5-232185 | Addition of new MAC test case for Logging and reporting of on-Demand SI | Lenovo | 38.523-1 | 3668 | - | Rel-17 | F | NR\_ENDC\_SON\_MDT\_enh-UEConTest | withdrawn |
| R5-232186 | Addition of new MAC test case for Logging and reporting of 2-step RACH report | Lenovo | 38.523-1 | 3669 | - | Rel-17 | F | NR\_ENDC\_SON\_MDT\_enh-UEConTest | withdrawn |
| R5-232187 | Addition of new MAC test case for Logging and reporting fallback to 4-step RA | Lenovo | 38.523-1 | 3670 | - | Rel-17 | F | NR\_ENDC\_SON\_MDT\_enh-UEConTest | withdrawn |
| R5-232197 | Corrections to EN-DC test case 8.2.6.3.1 | MCC TF160 | 38.523-1 | 3671 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232198 | Corrections to EN-DC test case 8.2.6.3.2 | MCC TF160 | 38.523-1 | 3672 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-233455 | Corrections to EN-DC test case 8.2.6.3.2 | MCC TF160 | 38.523-1 | 3672 | 1 | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232200 | Corrections to NR MAC test cases 7.1.1.12.4.x | MCC TF160 | 38.523-1 | 3673 | - | Rel-17 | F | TEI16\_Test, NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-232201 | Update to NR PDCP test case 7.1.3.5.2 | MCC TF160 | 38.523-1 | 3674 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232202 | Updates for NR RRC test case 8.1.5.1.1 | MCC TF160 | 38.523-1 | 3675 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232203 | Updates for EN-DC RRC test case 8.2.1.1.1 | MCC TF160 | 38.523-1 | 3676 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232204 | Updates for NE-DC RRC test case 8.2.1.1.2 | MCC TF160 | 38.523-1 | 3677 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232252 | Addition of Enhancement of RAN slicing for NR test case 6.1.2.25 | CATT, TDIA | 38.523-1 | 3678 | - | Rel-17 | F | NR\_slice-UEConTest | revised |
| R5-233420 | Addition of Enhancement of RAN slicing for NR test case 6.1.2.25 | CATT, TDIA | 38.523-1 | 3678 | 1 | Rel-17 | F | NR\_slice-UEConTest | agreed |
| R5-232258 | Update test case 8.1.1.4.7 | Ericsson | 38.523-1 | 3679 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-233482 | Update test case 8.1.1.4.7 | Ericsson | 38.523-1 | 3679 | 1 | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232267 | Addition of new test case 7.1.3.6.8 for PDCP UDC | CATT | 38.523-1 | 3680 | - | Rel-17 | F | NR\_UDC-UEConTest | revised |
| R5-233362 | Addition of new test case 7.1.3.6.8 for PDCP UDC | CATT | 38.523-1 | 3680 | 1 | Rel-17 | F | NR\_UDC-UEConTest | agreed |
| R5-232268 | Addition of new test case 7.1.3.6.9 for PDCP UDC | CATT | 38.523-1 | 3681 | - | Rel-17 | F | NR\_UDC-UEConTest | revised |
| R5-233363 | Addition of new test case 7.1.3.6.9 for PDCP UDC | CATT | 38.523-1 | 3681 | 1 | Rel-17 | F | NR\_UDC-UEConTest | agreed |
| R5-232280 | Update NE-DC RRC Radio Bearer test case 8.2.2.7.3 | ZTE Corporation, Ericsson | 38.523-1 | 3682 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233329 | Update NE-DC RRC Radio Bearer test case 8.2.2.7.3 | ZTE Corporation, Ericsson | 38.523-1 | 3682 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232281 | Update NE-DC Handover test case 8.2.3.13.2 | ZTE Corporation | 38.523-1 | 3683 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232282 | Update NE-DC Measurement Configuration Control and Reporting test case 8.2.3.7.2a | ZTE Corporation | 38.523-1 | 3684 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232283 | Update NE-DC Measurement Configuration Control and Reporting test case 8.2.3.8.2a | ZTE Corporation | 38.523-1 | 3685 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232284 | Update NR 2 step RACH test case 7.1.1.7 | ZTE Corporation | 38.523-1 | 3686 | - | Rel-17 | F | TEI16\_Test, NR\_2step\_RACH-UEConTest | withdrawn |
| R5-232285 | Update NR 2 step RACH test case 7.1.1.8 | ZTE Corporation | 38.523-1 | 3687 | - | Rel-17 | F | TEI16\_Test, NR\_2step\_RACH-UEConTest | withdrawn |
| R5-232286 | Addition of new NR 2 step RACH test case 7.1.1.19 | ZTE Corporation | 38.523-1 | 3688 | - | Rel-17 | F | TEI16\_Test, NR\_2step\_RACH-UEConTest | withdrawn |
| R5-232287 | Addition of new NR 2 step RACH test case 7.1.1.20 | ZTE Corporation | 38.523-1 | 3689 | - | Rel-17 | F | TEI16\_Test, NR\_2step\_RACH-UEConTest | withdrawn |
| R5-232289 | Update eNS test case 9.1.13.2 | ZTE Corporation | 38.523-1 | 3690 | - | Rel-17 | F | eNS\_Ph2-UEConTest | revised |
| R5-233400 | Update eNS test case 9.1.13.2 | ZTE Corporation | 38.523-1 | 3690 | 1 | Rel-17 | F | eNS\_Ph2-UEConTest | agreed |
| R5-232290 | Update eNS test case 9.3.1.4 | ZTE Corporation | 38.523-1 | 3691 | - | Rel-17 | F | eNS\_Ph2-UEConTest | revised |
| R5-233468 | Update eNS test case 9.3.1.4 | ZTE Corporation | 38.523-1 | 3691 | 1 | Rel-17 | F | eNS\_Ph2-UEConTest | agreed |
| R5-232291 | Update eNS test case 10.1.8.4 | ZTE Corporation | 38.523-1 | 3692 | - | Rel-17 | F | eNS\_Ph2-UEConTest | revised |
| R5-233401 | Update eNS test case 10.1.8.4 | ZTE Corporation | 38.523-1 | 3692 | 1 | Rel-17 | F | eNS\_Ph2-UEConTest | agreed |
| R5-232292 | Update eNS test case10.1.8.5 | ZTE Corporation | 38.523-1 | 3693 | - | Rel-17 | F | eNS\_Ph2-UEConTest | revised |
| R5-233402 | Update eNS test case10.1.8.5 | ZTE Corporation | 38.523-1 | 3693 | 1 | Rel-17 | F | eNS\_Ph2-UEConTest | agreed |
| R5-232293 | Addition of inter-system mobility test case 11.8.1 | ZTE Corporation | 38.523-1 | 3694 | - | Rel-17 | F | TEI15\_Test | revised |
| R5-233355 | Addition of inter-system mobility test case 11.8.1 | ZTE Corporation | 38.523-1 | 3694 | 1 | Rel-17 | F | TEI15\_Test | agreed |
| R5-232294 | Addition of inter-system mobility test case 11.8.3 | ZTE Corporation | 38.523-1 | 3695 | - | Rel-17 | F | TEI15\_Test | revised |
| R5-233356 | Addition of inter-system mobility test case 11.8.3 | ZTE Corporation | 38.523-1 | 3695 | 1 | Rel-17 | F | TEI15\_Test | agreed |
| R5-232317 | Update test case 8.1.1.4.8 | Ericsson | 38.523-1 | 3696 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232318 | Update test case 8.1.1.4.9 | Ericsson | 38.523-1 | 3697 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-233483 | Update test case 8.1.1.4.9 | Ericsson | 38.523-1 | 3697 | 1 | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232330 | Correction to FR2 Power level tables for NR Idle mode test cases | Anritsu EMEA Ltd | 38.523-1 | 3698 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233445 | Correction to FR2 Power level tables for NR Idle mode test cases | Anritsu EMEA Ltd | 38.523-1 | 3698 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232331 | Correction to NR RRC IRAT HO test case 8.1.4.2.1.2 | Anritsu EMEA Ltd | 38.523-1 | 3699 | - | Rel-17 | F | TEI16\_Test | agreed |
| R5-232332 | Correction to NR5GC RACS Test case 9.1.9.5 | Anritsu EMEA Ltd | 38.523-1 | 3700 | - | Rel-17 | F | TEI16\_Test, RACS-UEConTest | agreed |
| R5-232333 | Correction to Rel-16 MDT Test Case 8.1.6.2.2 | Anritsu EMEA Ltd | 38.523-1 | 3701 | - | Rel-17 | F | TEI16\_Test, NR\_SON\_MDT-UEConTest | agreed |
| R5-232339 | Correction to NR5GC testcase 9.1.10.3 | ROHDE & SCHWARZ, Qualcomm | 38.523-1 | 3702 | - | Rel-17 | F | TEI16\_Test, eNS-UEConTest | agreed |
| R5-232361 | Correction to NR5GC testcase 11.3.5 | ROHDE & SCHWARZ, Qualcomm | 38.523-1 | 3703 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232366 | Correction to NR testcase 7.1.1.6.2 | ROHDE & SCHWARZ | 38.523-1 | 3704 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232381 | Correction to NR testcase 7.1.3.5.3 | ROHDE & SCHWARZ, Anritsu Ltd, Qualcomm, Keysight | 38.523-1 | 3705 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233449 | Correction to NR testcase 7.1.3.5.3 | ROHDE & SCHWARZ, Anritsu Ltd, Qualcomm, Keysight | 38.523-1 | 3705 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232385 | Correction to RLC UM test case 7.1.2.2.5 | MCC TF160 | 38.523-1 | 3706 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232386 | Correction to Emergency Services test case 11.4.1 | Keysight Technologies UK, Qualcomm | 38.523-1 | 3707 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233473 | Correction to Emergency Services test case 11.4.1 | Keysight Technologies UK, Qualcomm | 38.523-1 | 3707 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233779 | Correction to Emergency Services test case 11.4.1 | Keysight Technologies UK, Qualcomm | 38.523-1 | 3707 | 2 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232391 | Correction to NR testcase 7.1.1.12.3 | ROHDE & SCHWARZ | 38.523-1 | 3708 | - | Rel-17 | F | TEI16\_Test, NR\_UE\_pow\_sav-UEConTest | revised |
| R5-233447 | Correction to NR testcase 7.1.1.12.3 | ROHDE & SCHWARZ | 38.523-1 | 3708 | 1 | Rel-17 | F | TEI16\_Test, NR\_UE\_pow\_sav-UEConTest | revised |
| R5-233467 | Correction to NR testcase 7.1.1.12.3 | ROHDE & SCHWARZ | 38.523-1 | 3708 | 2 | Rel-17 | F | TEI16\_Test, NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-232393 | Correction to FR2 Power level tables for NR MDT test cases | Anritsu EMEA Ltd | 38.523-1 | 3709 | - | Rel-17 | F | TEI16\_Test, NR\_SON\_MDT-UEConTest | agreed |
| R5-232395 | Editorial updates to Table 6.1.2.7.3.2-1 from Cell reselection/Equivalent PLMN test cases | Qualcomm Technologies Ireland | 38.523-1 | 3710 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232397 | Correction to NR MAC test case 7.1.1.12.3 | Keysight Technologies UK, Qualcomm | 38.523-1 | 3711 | - | Rel-17 | F | TEI16\_Test, NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-232417 | Addition of Rel-17 eNPN TC 6.5.3.1 | China Telecom | 38.523-1 | 3712 | - | Rel-17 | F | NG\_RAN\_PRN\_enh\_plus\_CT-UEConTest | not pursued |
| R5-232418 | Addition of Rel-17 eNPN TC 6.5.3.2 | China Telecom | 38.523-1 | 3713 | - | Rel-17 | F | NG\_RAN\_PRN\_enh\_plus\_CT-UEConTest | not pursued |
| R5-232419 | Addition of Rel-17 eNPN TC 6.5.3.3 | China Telecom | 38.523-1 | 3714 | - | Rel-17 | F | NG\_RAN\_PRN\_enh\_plus\_CT-UEConTest | not pursued |
| R5-232425 | Corrections to NAS TC 9.1.2.1 | Qualcomm Korea, Keysight Technologies, Rhode and Schwarz | 38.523-1 | 3715 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232451 | Correction of test procedure on TC 6.3.2.1 | NTT DOCOMO, INC., MCC TF160 | 38.523-1 | 3716 | - | Rel-17 | F | TEI17\_Test, eCPSOR\_CON-UEConTest | revised |
| R5-233456 | Correction of test procedure on TC 6.3.2.1 | NTT DOCOMO, INC., MCC TF160 | 38.523-1 | 3716 | 1 | Rel-17 | F | TEI17\_Test, eCPSOR\_CON-UEConTest | agreed |
| R5-232452 | Correction of test procedure on TC 6.3.2.2 | NTT DOCOMO, INC., MCC TF160 | 38.523-1 | 3717 | - | Rel-17 | F | TEI17\_Test, eCPSOR\_CON-UEConTest | revised |
| R5-233457 | Correction of test procedure on TC 6.3.2.2 | NTT DOCOMO, INC., MCC TF160 | 38.523-1 | 3717 | 1 | Rel-17 | F | TEI17\_Test, eCPSOR\_CON-UEConTest | agreed |
| R5-232453 | Correction of test procedure on TC 6.3.2.3 | NTT DOCOMO, INC., MCC TF160 | 38.523-1 | 3718 | - | Rel-17 | F | TEI17\_Test, eCPSOR\_CON-UEConTest | revised |
| R5-233458 | Correction of test procedure on TC 6.3.2.3 | NTT DOCOMO, INC., MCC TF160 | 38.523-1 | 3718 | 1 | Rel-17 | F | TEI17\_Test, eCPSOR\_CON-UEConTest | agreed |
| R5-232454 | Correction of test procedure on TC 6.3.2.4 | NTT DOCOMO, INC., MCC TF160 | 38.523-1 | 3719 | - | Rel-17 | F | TEI17\_Test, eCPSOR\_CON-UEConTest | revised |
| R5-233459 | Correction of test procedure on TC 6.3.2.4 | NTT DOCOMO, INC., MCC TF160 | 38.523-1 | 3719 | 1 | Rel-17 | F | TEI17\_Test, eCPSOR\_CON-UEConTest | agreed |
| R5-232455 | Correction of test procedure on TC 6.3.2.5 | NTT DOCOMO, INC., MCC TF160 | 38.523-1 | 3720 | - | Rel-17 | F | TEI17\_Test, eCPSOR\_CON-UEConTest | revised |
| R5-233460 | Correction of test procedure on TC 6.3.2.5 | NTT DOCOMO, INC., MCC TF160 | 38.523-1 | 3720 | 1 | Rel-17 | F | TEI17\_Test, eCPSOR\_CON-UEConTest | agreed |
| R5-232456 | Correction of test procedure on TC 6.3.2.6 | NTT DOCOMO, INC., MCC TF160 | 38.523-1 | 3721 | - | Rel-17 | F | TEI17\_Test, eCPSOR\_CON-UEConTest | revised |
| R5-233461 | Correction of test procedure on TC 6.3.2.6 | NTT DOCOMO, INC., MCC TF160 | 38.523-1 | 3721 | 1 | Rel-17 | F | TEI17\_Test, eCPSOR\_CON-UEConTest | agreed |
| R5-232495 | Correction to RRC IEs for NR sidelink test | Huawei, Hisilicon | 38.523-1 | 3722 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | withdrawn |
| R5-232499 | Addition of NR cov enh SIG TC 7.1.1.2.6 dynamic PUCCH repetition | Huawei, HiSilicon | 38.523-1 | 3723 | - | Rel-17 | F | NR\_cov\_enh-UEConTest | agreed |
| R5-232500 | Addition of NR cov enh SIG TC 7.1.1.3.14.1 DG PUSCH repetition 32 | Huawei, HiSilicon | 38.523-1 | 3724 | - | Rel-17 | F | NR\_cov\_enh-UEConTest | agreed |
| R5-232501 | Addition of NR cov enh SIG TC 7.1.1.3.14.2 CG PUSCH repetition 32 | Huawei, HiSilicon | 38.523-1 | 3725 | - | Rel-17 | F | NR\_cov\_enh-UEConTest | agreed |
| R5-232502 | Addition of NR cov enh SIG TC 7.1.1.3.14.3 DG PUSCH availableSlotCouting | Huawei, HiSilicon | 38.523-1 | 3726 | - | Rel-17 | F | NR\_cov\_enh-UEConTest | agreed |
| R5-232503 | Addition of NR cov enh SIG TC 7.1.1.3.14.4 CG PUSCH availableSlotCouting | Huawei, HiSilicon | 38.523-1 | 3727 | - | Rel-17 | F | NR\_cov\_enh-UEConTest | agreed |
| R5-232504 | Addition of NR cov enh SIG TC 7.1.1.3.15.1 TBoMS | Huawei, HiSilicon | 38.523-1 | 3728 | - | Rel-17 | F | NR\_cov\_enh-UEConTest | agreed |
| R5-232505 | Addition of NR cov enh SIG TC 7.1.1.3.15.2 TBoMS repetition | Huawei, HiSilicon | 38.523-1 | 3729 | - | Rel-17 | F | NR\_cov\_enh-UEConTest | agreed |
| R5-232506 | Addition of NR cov enh SIG TC 7.1.1.4.2.7 TBoMS TBS selection | Huawei, HiSilicon | 38.523-1 | 3730 | - | Rel-17 | F | NR\_cov\_enh-UEConTest | agreed |
| R5-232507 | Correction to NR SA SIG TC 8.1.5.8.1 UE capability transfer | Huawei, HiSilicon | 38.523-1 | 3731 | - | Rel-17 | F | NR\_cov\_enh-UEConTest | withdrawn |
| R5-232509 | Correction to NR SA SIG TC 6.1.2.2 Squal based | Huawei, HiSilicon | 38.523-1 | 3732 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233322 | Correction to NR SA SIG TC 6.1.2.2 Squal based | Huawei, HiSilicon | 38.523-1 | 3732 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232510 | Correction to NR SA SIG TC 8.1.3.1.18.x additional reporting | Huawei, HiSilicon | 38.523-1 | 3733 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232590 | Add test case 8.2.5.7.1 | Ericsson | 38.523-1 | 3734 | - | Rel-17 | F | NR\_unlic-UEConTest | withdrawn |
| R5-232591 | Add test case 8.2.5.7.2 | Ericsson | 38.523-1 | 3735 | - | Rel-17 | F | NR\_unlic-UEConTest | withdrawn |
| R5-232592 | Update test case 8.2.5.7.1 | Ericsson | 38.523-1 | 3736 | - | Rel-17 | F | NR\_unlic-UEConTest | revised |
| R5-233359 | Update test case 8.2.5.7.1 | Ericsson | 38.523-1 | 3736 | 1 | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-232593 | Update test case 8.2.5.7.2 | Ericsson | 38.523-1 | 3737 | - | Rel-17 | F | NR\_unlic-UEConTest | revised |
| R5-233360 | Update test case 8.2.5.7.2 | Ericsson | 38.523-1 | 3737 | 1 | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-232640 | Correction to NR MAC test cases 7.1.1.7.1.x | Keysight Technologies UK, Qualcomm | 38.523-1 | 3738 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233324 | Correction to NR MAC test cases 7.1.1.7.1.x | Keysight Technologies UK, Qualcomm | 38.523-1 | 3738 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232641 | Correction to NR MAC test case 7.1.1.9.1 | Keysight Technologies UK, Qualcomm | 38.523-1 | 3739 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232642 | Correction to NR PDCP test case 7.1.3.5.3 | Keysight Technologies UK | 38.523-1 | 3740 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232643 | Addition of FR2 cell power levels for SON-MDT test cases | Keysight Technologies UK | 38.523-1 | 3741 | - | Rel-17 | F | TEI16\_Test, NR\_SON\_MDT-UEConTest | agreed |
| R5-232644 | Addition of FR2 cell power levels for Idle mode test cases | Keysight Technologies UK | 38.523-1 | 3742 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233462 | Addition of FR2 cell power levels for Idle mode test cases | Keysight Technologies UK | 38.523-1 | 3742 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232645 | Addition of FR2 cell power levels for SNPN test cases | Keysight Technologies UK | 38.523-1 | 3743 | - | Rel-17 | F | TEI16\_Test, NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | revised |
| R5-233323 | Addition of FR2 cell power levels for SNPN test cases | Keysight Technologies UK | 38.523-1 | 3743 | 1 | Rel-17 | F | TEI16\_Test, NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-232681 | Editorial updates to Table 6.1.2.7.3.2-1 from Cell reselection/Equivalent PLMN test case | Qualcomm CDMA Technologies | 38.523-1 | 3744 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232682 | Corrections to MDT test case 8.1.6.1.4.9 | Qualcomm CDMA Technologies | 38.523-1 | 3745 | - | Rel-17 | F | NR\_ENDC\_SON\_MDT\_enh-UEConTest | agreed |
| R5-232683 | Addition of new RRC TC for RRCRelease with redirection with mpsPriorityIndication-r16 | Qualcomm CDMA Technologies | 38.523-1 | 3746 | - | Rel-17 | F | TEI16\_Test | revised |
| R5-233777 | Addition of new RRC TC for RRCRelease with redirection with mpsPriorityIndication-r16 | Qualcomm CDMA Technologies | 38.523-1 | 3746 | 1 | Rel-17 | F | TEI16\_Test | agreed |
| R5-232686 | Corrections to SNPN TC 11.3.9a | Qualcomm CDMA Technologies, Anritsu Ltd | 38.523-1 | 3747 | - | Rel-17 | F | TEI16\_Test, NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | revised |
| R5-233351 | Corrections to SNPN TC 11.3.9a | Qualcomm CDMA Technologies, Anritsu Ltd | 38.523-1 | 3747 | 1 | Rel-17 | F | TEI16\_Test, NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-232688 | Addition of new Idle mode TC to test the intraFreqReselection in MIB message is set to not allowed | Qualcomm CDMA Technologies | 38.523-1 | 3748 | - | Rel-17 | F | TEI15\_Test | revised |
| R5-233463 | Addition of new Idle mode TC to test the intraFreqReselection in MIB message is set to not allowed | Qualcomm CDMA Technologies | 38.523-1 | 3748 | 1 | Rel-17 | F | TEI15\_Test | agreed |
| R5-232705 | Addition of ATSSS TC 10.4.1.5 - UE-requested MA PDU session modification / ATSSS / Success | CATT, TDIA | 38.523-1 | 3749 | - | Rel-17 | F | ATSSS-UEConTest | agreed |
| R5-232706 | Addition of new ATSSS test case 10.4.1.6 | CATT, TDIA | 38.523-1 | 3750 | - | Rel-17 | F | ATSSS-UEConTest | revised |
| R5-233433 | Addition of new ATSSS test case 10.4.1.6 | CATT, TDIA | 38.523-1 | 3750 | 1 | Rel-17 | F | ATSSS-UEConTest | agreed |
| R5-232714 | Correction to NR MUSIM TC 8.1.5.10.3 | TDIA, CATT | 38.523-1 | 3751 | - | Rel-17 | F | LTE\_NR\_MUSIM\_plus\_CT1-UEConTest | revised |
| R5-233470 | Correction to NR MUSIM TC 8.1.5.10.3 | TDIA, CATT | 38.523-1 | 3751 | 1 | Rel-17 | F | LTE\_NR\_MUSIM\_plus\_CT1-UEConTest | agreed |
| R5-232716 | Correction to NR SL SIG TC 12.2.8.3 - PC5 RLF | TDIA, CATT | 38.523-1 | 3752 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-232717 | Update of TC 10.1.8.3- NSAC / PDU session establishment reject / Maximum number of PDU sessions reached / Back-off timer is zero or not included | TDIA, CATT | 38.523-1 | 3753 | - | Rel-17 | F | eNS\_Ph2-UEConTest | revised |
| R5-233403 | Update of TC 10.1.8.3- NSAC / PDU session establishment reject / Maximum number of PDU sessions reached / Back-off timer is zero or not included | TDIA, CATT | 38.523-1 | 3753 | 1 | Rel-17 | F | eNS\_Ph2-UEConTest | agreed |
| R5-232729 | Update of TC 8.1.5.11.3- Idle/Inactive measurements / Inactive mode / SIB11 configuration / Measurement of NR cells | TDIA, CATT | 38.523-1 | 3754 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232730 | Update of TC 8.1.5.11.4-Idle/Inactive measurements / Inactive mode / RRCRelease configuration / Measurement of NR cells | TDIA, CATT | 38.523-1 | 3755 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232777 | Update to eNS\_Ph2 test case 9.1.12.1 | CMCC | 38.523-1 | 3756 | - | Rel-17 | F | eNS\_Ph2-UEConTest | revised |
| R5-233378 | Update to eNS\_Ph2 test case 9.1.12.1 | CMCC | 38.523-1 | 3756 | 1 | Rel-17 | F | eNS\_Ph2-UEConTest | agreed |
| R5-232778 | Update to eNS\_Ph2 test case 9.1.12.2 | CMCC | 38.523-1 | 3757 | - | Rel-17 | F | eNS\_Ph2-UEConTest | agreed |
| R5-232781 | Update of test case 8.1.6.1.2.15 for SON\_MDT | CMCC | 38.523-1 | 3758 | - | Rel-17 | F | NR\_ENDC\_SON\_MDT\_enh-UEConTest | revised |
| R5-233377 | Update of test case 8.1.6.1.2.15 for SON\_MDT | CMCC | 38.523-1 | 3758 | 1 | Rel-17 | F | NR\_ENDC\_SON\_MDT\_enh-UEConTest | agreed |
| R5-232785 | Update of test case 6.1.2.24 for NR slice | CMCC | 38.523-1 | 3759 | - | Rel-17 | F | NR\_slice-UEConTest | revised |
| R5-233421 | Update of test case 6.1.2.24 for NR slice | CMCC | 38.523-1 | 3759 | 1 | Rel-17 | F | NR\_slice-UEConTest | agreed |
| R5-232786 | Update of test case 6.4.2.3 for NR slice | CMCC | 38.523-1 | 3760 | - | Rel-17 | F | NR\_slice-UEConTest | revised |
| R5-233422 | Update of test case 6.4.2.3 for NR slice | CMCC | 38.523-1 | 3760 | 1 | Rel-17 | F | NR\_slice-UEConTest | agreed |
| R5-232872 | Correction to NR testcase 7.1.1.3.2b | ROHDE & SCHWARZ | 38.523-1 | 3761 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232893 | Add new test case for 38.523-1 6.1.2 | Samsung | 38.523-1 | 3762 | - | Rel-17 | F | TEI15\_Test | revised |
| R5-233465 | Add new test case for 38.523-1 6.1.2 | Samsung | 38.523-1 | 3762 | 1 | Rel-17 | F | TEI15\_Test | not pursued |
| R5-232898 | Addition to testcase 8.1.5.13.2 Data on non-SDT Radio Bearers | Nokia, Nokia Shanghai Bell | 38.523-1 | 3763 | - | Rel-17 | F | NR\_SmallData\_INACTIVE-UEConTest | revised |
| R5-233417 | Addition to testcase 8.1.5.13.2 Data on non-SDT Radio Bearers | Nokia, Nokia Shanghai Bell | 38.523-1 | 3763 | 1 | Rel-17 | F | NR\_SmallData\_INACTIVE-UEConTest | not pursued |
| R5-232899 | Addition to testcase 8.1.5.13.3 SDT-SRB2-Indication | Nokia, Nokia Shanghai Bell | 38.523-1 | 3764 | - | Rel-17 | F | NR\_SmallData\_INACTIVE-UEConTest | withdrawn |
| R5-232938 | Update NR MAC TC 7.1.1.1.1-7.1.1.1.1a-7.1.1.1.8 for HD-FDD UE-PRACH | Huawei, Hisilicon, MCC TF160 | 38.523-1 | 3765 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233407 | Update NR MAC TC 7.1.1.1.1-7.1.1.1.1a-7.1.1.1.8 for HD-FDD UE-PRACH | Huawei, Hisilicon, MCC TF160 | 38.523-1 | 3765 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232939 | Update NR MAC TC 7.1.1.1.2 and RRC TC 8.1.5.2.2 for HD-FDD UE-PRACH | Huawei, Hisilicon, MCC TF160 | 38.523-1 | 3766 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233408 | Update NR MAC TC 7.1.1.1.2 and RRC TC 8.1.5.2.2 for HD-FDD UE-PRACH | Huawei, Hisilicon, MCC TF160 | 38.523-1 | 3766 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232940 | Addition of new RedCap TC 7.1.1.1.15-SI request | Huawei, Hisilicon | 38.523-1 | 3767 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232941 | Update URLLC TC 7.1.1.3.12 for HD-FDD UE-PUSCH repetition Type B | Huawei, Hisilicon, MCC TF160 | 38.523-1 | 3768 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233409 | Update URLLC TC 7.1.1.3.12 for HD-FDD UE-PUSCH repetition Type B | Huawei, Hisilicon, MCC TF160 | 38.523-1 | 3768 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232942 | Correction of NR TC 7.1.2.3.6-Polling for status | Huawei, Hisilicon, Datang LinkTester, CATT | 38.523-1 | 3769 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233410 | Correction of NR TC 7.1.2.3.6-Polling for status | Huawei, Hisilicon, Datang LinkTester, CATT | 38.523-1 | 3769 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232948 | Correction of MBS Broadcast TCs 14.1.x | Huawei, Hisilicon | 38.523-1 | 3770 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232949 | Correction of MBS Multicast TC 14.2.4.1.x-group paging | Huawei, Hisilicon | 38.523-1 | 3771 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232950 | Addition of MBS Broadcast TC 14.1.1.2-becoming interested to receive MBS broadcast services | Huawei, Hisilicon | 38.523-1 | 3772 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | revised |
| R5-233384 | Addition of MBS Broadcast TC 14.1.1.2-becoming interested to receive MBS broadcast services | Huawei, Hisilicon | 38.523-1 | 3772 | 1 | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232951 | Addition of MBS Broadcast TC 14.1.1.3-MCCH Information change notification | Huawei, Hisilicon | 38.523-1 | 3773 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232952 | Addition of MBS Broadcast TC 14.1.1.4-receiving SIB20 of an SCell via dedicated signalling | Huawei, Hisilicon | 38.523-1 | 3774 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232953 | Addition of MBS Multicast TC 14.2.1.1.2-DCI format 4\_2 | Huawei, Hisilicon | 38.523-1 | 3775 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232954 | Addition of MBS Multicast TC 14.2.1.1.6-DCI-based ACK-NACK HARQ feedback for Multicast | Huawei, Hisilicon | 38.523-1 | 3776 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232955 | Addition of MBS Multicast TC 14.2.1.1.9-DCI-based NACK-only HARQ feedback for Multicast | Huawei, Hisilicon | 38.523-1 | 3777 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232956 | Addition of MBS Multicast TC 14.2.1.2.2-DRX-PTM retransmission for multicast | Huawei, Hisilicon | 38.523-1 | 3778 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232957 | Addition of MBS Multicast TC 14.2.1.2.3-DRX-PTP retransmission for multicast | Huawei, Hisilicon | 38.523-1 | 3779 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232958 | Addition of MBS Multicast TC 14.2.4.3.1-Handover between multicast supporting cell | Huawei, Hisilicon | 38.523-1 | 3780 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | revised |
| R5-233385 | Addition of MBS Multicast TC 14.2.4.3.1-Handover between multicast supporting cell | Huawei, Hisilicon | 38.523-1 | 3780 | 1 | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232959 | Addition of MBS Multicast TC 14.2.4.3.2-Re-establishment | Huawei, Hisilicon | 38.523-1 | 3781 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | revised |
| R5-233386 | Addition of MBS Multicast TC 14.2.4.3.2-Re-establishment | Huawei, Hisilicon | 38.523-1 | 3781 | 1 | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232960 | Addition of MBS Multicast TC 14.2.4.3.3-Handover between Multicast-supporting cell and Multicast non-supporting cell | Huawei, Hisilicon | 38.523-1 | 3782 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232961 | Addition of MBS Multicast TC 14.2.5.1.1-Network-requested PDU session modification to remove UE from MBS session | Huawei, Hisilicon | 38.523-1 | 3783 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | revised |
| R5-233387 | Addition of MBS Multicast TC 14.2.5.1.1-Network-requested PDU session modification to remove UE from MBS session | Huawei, Hisilicon | 38.523-1 | 3783 | 1 | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232962 | Addition of MBS Multicast TC 14.2.5.1.2-Network-requested PDU session modification to update MBS service area | Huawei, Hisilicon | 38.523-1 | 3784 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | revised |
| R5-233388 | Addition of MBS Multicast TC 14.2.5.1.2-Network-requested PDU session modification to update MBS service area | Huawei, Hisilicon | 38.523-1 | 3784 | 1 | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232963 | Addition of MBS Multicast TC 14.2.5.2.1-UE-requested to join MBS multicast session-accept | Huawei, Hisilicon | 38.523-1 | 3785 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | revised |
| R5-233389 | Addition of MBS Multicast TC 14.2.5.2.1-UE-requested to join MBS multicast session-accept | Huawei, Hisilicon | 38.523-1 | 3785 | 1 | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232966 | Addition of UPIP TC 8.2.6.4.2-RRC re-establishment | Huawei, Hisilicon | 38.523-1 | 3786 | - | Rel-17 | F | UPIP\_SEC\_LTE-RAN-UEConTest | revised |
| R5-233391 | Addition of UPIP TC 8.2.6.4.2-RRC re-establishment | Huawei, Hisilicon | 38.523-1 | 3786 | 1 | Rel-17 | F | UPIP\_SEC\_LTE-RAN-UEConTest | agreed |
| R5-232967 | Addition of UPIP TC 8.2.6.4.3-HO | Huawei, Hisilicon | 38.523-1 | 3787 | - | Rel-17 | F | UPIP\_SEC\_LTE-RAN-UEConTest | revised |
| R5-233392 | Addition of UPIP TC 8.2.6.4.3-HO | Huawei, Hisilicon | 38.523-1 | 3787 | 1 | Rel-17 | F | UPIP\_SEC\_LTE-RAN-UEConTest | agreed |
| R5-232969 | Correction of SDT TC 7.1.1.13.5-cg-SDT-TATimer | Huawei, Hisilicon | 38.523-1 | 3788 | - | Rel-17 | F | NR\_SmallData\_INACTIVE-UEConTest | agreed |
| R5-232972 | Correction of NR TC 7.1.2.3.11-RLC re-establishment | Huawei, Hisilicon | 38.523-1 | 3789 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232973 | Correction of NR TC 10.1.8.1-NSAC | Huawei, Hisilicon, Datang LinkTester, CATT | 38.523-1 | 3790 | - | Rel-17 | F | eNS\_Ph2-UEConTest | revised |
| R5-233404 | Correction of NR TC 10.1.8.1-NSAC | Huawei, Hisilicon, Datang LinkTester, CATT | 38.523-1 | 3790 | 1 | Rel-17 | F | eNS\_Ph2-UEConTest | agreed |
| R5-232974 | Correction of NR TC 10.1.8.2-NSAC | Huawei, Hisilicon, Datang LinkTester, CATT | 38.523-1 | 3791 | - | Rel-17 | F | eNS\_Ph2-UEConTest | revised |
| R5-233405 | Correction of NR TC 10.1.8.2-NSAC | Huawei, Hisilicon, Datang LinkTester, CATT | 38.523-1 | 3791 | 1 | Rel-17 | F | eNS\_Ph2-UEConTest | agreed |
| R5-232975 | Correction of NR TC 11.3.10-UAC | Huawei, Hisilicon | 38.523-1 | 3792 | - | Rel-17 | F | TEI16\_Test | revised |
| R5-233352 | Correction of NR TC 11.3.10-UAC | Huawei, Hisilicon | 38.523-1 | 3792 | 1 | Rel-17 | F | TEI16\_Test | withdrawn |
| R5-232981 | Correction to RedCap testcase 6.1.2.26 | ROHDE & SCHWARZ, Anritsu Ltd | 38.523-1 | 3793 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-233061 | Addition of NR unlicensed test case 6.6.2.2 | Qualcomm Incorporated | 38.523-1 | 3794 | - | Rel-17 | F | NR\_unlic-UEConTest | withdrawn |
| R5-233068 | Addition of NR unlicensed test case 6.6.2.4 | Qualcomm Incorporated | 38.523-1 | 3795 | - | Rel-17 | F | NR\_unlic-UEConTest | withdrawn |
| R5-233070 | Updates for NR RRC test case 8.1.5.1.1 for RedCap | MCC TF160 | 38.523-1 | 3796 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-233071 | Updates for NR RRC test case 8.1.5.8.1 for RedCap | MCC TF160 | 38.523-1 | 3797 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-233072 | Updates to MAC TC 7.1.1.5.3 | MCC TF160 | 38.523-1 | 3798 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233073 | Updates to MAC TC 7.1.3.3.1 | MCC TF160 | 38.523-1 | 3799 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233074 | Updates to RRC TC 8.1.1.1.2 | MCC TF160 | 38.523-1 | 3800 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233075 | Updates to RRC TCs 8.1.3.1.17 and 8.1.3.1.18 | MCC TF160 | 38.523-1 | 3801 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233327 | Updates to RRC TCs 8.1.3.1.17 and 8.1.3.1.18 | MCC TF160 | 38.523-1 | 3801 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233076 | Updates to RRC TCs 8.2.2.4.1 and 8.2.2.5.1 | MCC TF160 | 38.523-1 | 3802 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233077 | Updates to RRC TCs 8.2.3.13.1 and 8.2.3.14.x | MCC TF160 | 38.523-1 | 3803 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233078 | Updates to RRC TCs 8.2.4.1.1.1 and 8.2.4.2.1.1 | MCC TF160 | 38.523-1 | 3804 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233080 | Addition of NR unlicensed test case 6.6.2.2 | Qualcomm Incorporated | 38.523-1 | 3805 | - | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-233081 | Addition of NR unlicensed test case 6.6.2.4 | Qualcomm Incorporated | 38.523-1 | 3806 | - | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-233116 | Update to test case 8.2.2.5.1 | Ericsson | 38.523-1 | 3807 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233330 | Update to test case 8.2.2.5.1 | Ericsson | 38.523-1 | 3807 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233117 | Update to test case 8.2.2.5.2 | Ericsson | 38.523-1 | 3808 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233331 | Update to test case 8.2.2.5.2 | Ericsson | 38.523-1 | 3808 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233118 | Update to test case 8.2.2.5.3 | Ericsson | 38.523-1 | 3809 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233332 | Update to test case 8.2.2.5.3 | Ericsson | 38.523-1 | 3809 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233119 | Update to test case 8.2.2.6.1 | Ericsson | 38.523-1 | 3810 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233333 | Update to test case 8.2.2.6.1 | Ericsson | 38.523-1 | 3810 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233120 | Update to test case 8.2.2.7.1 | Ericsson | 38.523-1 | 3811 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233334 | Update to test case 8.2.2.7.1 | Ericsson | 38.523-1 | 3811 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233121 | Update to test case 8.2.2.7.2 | Ericsson | 38.523-1 | 3812 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233335 | Update to test case 8.2.2.7.2 | Ericsson | 38.523-1 | 3812 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233122 | Update to test case 8.2.2.7.3 | Ericsson | 38.523-1 | 3813 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-233123 | Update to test case 8.2.2.8.1 | Ericsson | 38.523-1 | 3814 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233336 | Update to test case 8.2.2.8.1 | Ericsson | 38.523-1 | 3814 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233124 | Update to test case 8.2.2.8.2 | Ericsson | 38.523-1 | 3815 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233337 | Update to test case 8.2.2.8.2 | Ericsson | 38.523-1 | 3815 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233125 | Update to test case 8.2.2.8.3 | Ericsson | 38.523-1 | 3816 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233338 | Update to test case 8.2.2.8.3 | Ericsson | 38.523-1 | 3816 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233126 | Update to test case 8.2.2.9.1 | Ericsson | 38.523-1 | 3817 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233339 | Update to test case 8.2.2.9.1 | Ericsson | 38.523-1 | 3817 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233127 | Update to test case 8.2.2.9.2 | Ericsson | 38.523-1 | 3818 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233340 | Update to test case 8.2.2.9.2 | Ericsson | 38.523-1 | 3818 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233128 | Update to test case 8.2.2.9.3 | Ericsson | 38.523-1 | 3819 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233341 | Update to test case 8.2.2.9.3 | Ericsson | 38.523-1 | 3819 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233129 | Update to test case 8.2.3.13.1 | Ericsson | 38.523-1 | 3820 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233342 | Update to test case 8.2.3.13.1 | Ericsson | 38.523-1 | 3820 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233130 | Update to test case 8.2.3.13.2 | Ericsson | 38.523-1 | 3821 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233343 | Update to test case 8.2.3.13.2 | Ericsson | 38.523-1 | 3821 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233131 | Update to test case 8.2.3.14.1 | Ericsson | 38.523-1 | 3822 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233344 | Update to test case 8.2.3.14.1 | Ericsson | 38.523-1 | 3822 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233132 | Update to test case 8.2.3.14.2 | Ericsson | 38.523-1 | 3823 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233345 | Update to test case 8.2.3.14.2 | Ericsson | 38.523-1 | 3823 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233133 | Update to test case 8.2.3.14.3 | Ericsson | 38.523-1 | 3824 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233346 | Update to test case 8.2.3.14.3 | Ericsson | 38.523-1 | 3824 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233143 | Update to NR MUSIM test case 9.1.5.1.16 | Qualcomm Incorporated | 38.523-1 | 3825 | - | Rel-17 | F | LTE\_NR\_MUSIM\_plus\_CT1-UEConTest | agreed |
| R5-233144 | Update to NR MUSIM test case 9.1.7.4 | Qualcomm Incorporated | 38.523-1 | 3826 | - | Rel-17 | F | LTE\_NR\_MUSIM\_plus\_CT1-UEConTest | agreed |
| R5-233145 | Update to NR MUSIM test case 9.1.7.3 | Qualcomm Incorporated, ROHDE & SCHWARZ | 38.523-1 | 3827 | - | Rel-17 | F | LTE\_NR\_MUSIM\_plus\_CT1-UEConTest | agreed |
| R5-233146 | Correction of multi layer test case 11.1.5 | Qualcomm Incorporated | 38.523-1 | 3828 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233147 | Correction of emergency services test case 11.4.11 | Qualcomm Incorporated | 38.523-1 | 3829 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233162 | Correction to the applicability of TC 8.1.7.1.1 | Qualcomm CDMA Technologies | 38.523-1 | 3830 | - | Rel-17 | F | TEI15\_Test, NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | withdrawn |
| R5-233163 | Addition of new RRC TC for NR NTN | Qualcomm CDMA Technologies | 38.523-1 | 3831 | - | Rel-17 | F | NR\_NTN\_solutions\_plus\_CT-UEConTest | withdrawn |
| R5-233271 | Correction to the applicability of TC 8.1.7.1.1 | Qualcomm Korea | 38.523-1 | 3832 | - | Rel-17 | F | TEI16\_Test, NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | withdrawn |
| R5-233275 | Update 5GMM Emergency Service test case 11.4.13 | ZTE Corporation | 38.523-1 | 3833 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233354 | Update 5GMM Emergency Service test case 11.4.13 | ZTE Corporation | 38.523-1 | 3833 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233278 | Addition of new RRC test case for Logging and reporting of on-Demand SI | Lenovo | 38.523-1 | 3834 | - | Rel-17 | F | NR\_ENDC\_SON\_MDT\_enh-UEConTest | agreed |
| R5-233279 | Addition of new RRC test case for Logging and reporting of 2-step RACH report | Lenovo | 38.523-1 | 3835 | - | Rel-17 | F | NR\_ENDC\_SON\_MDT\_enh-UEConTest | agreed |
| R5-233280 | Addition of new RRC test case for Logging and reporting fallback to 4-step RA | Lenovo | 38.523-1 | 3836 | - | Rel-17 | F | NR\_ENDC\_SON\_MDT\_enh-UEConTest | agreed |
| R5-233282 | Update NR 2 step RACH test case 7.1.1.1.7 | ZTE Corporation | 38.523-1 | 3837 | - | Rel-17 | F | TEI16\_Test, NR\_2step\_RACH-UEConTest | agreed |
| R5-233283 | Update NR 2 step RACH test case 7.1.1.1.8 | ZTE Corporation | 38.523-1 | 3838 | - | Rel-17 | F | TEI16\_Test, NR\_2step\_RACH-UEConTest | revised |
| R5-233325 | Update NR 2 step RACH test case 7.1.1.1.8 | ZTE Corporation | 38.523-1 | 3838 | 1 | Rel-17 | F | TEI16\_Test, NR\_2step\_RACH-UEConTest | agreed |
| R5-233284 | Addition of new NR 2 step RACH test case 7.1.1.1.19 | ZTE Corporation | 38.523-1 | 3839 | - | Rel-17 | F | TEI16\_Test, NR\_2step\_RACH-UEConTest | withdrawn |
| R5-233285 | Addition of new NR 2 step RACH test case 7.1.1.1.20 | ZTE Corporation | 38.523-1 | 3840 | - | Rel-17 | F | TEI16\_Test, NR\_2step\_RACH-UEConTest | withdrawn |
| R5-233289 | Update of test case 8.1.5.9.2 | MediaTek Inc | 38.523-1 | 3841 | - | Rel-17 | F | TEI16\_Test | agreed |
| R5-233295 | Correction to NR SA SIG TC 8.1.5.1.1 UE capability transfer | Huawei, HiSilicon | 38.523-1 | 3842 | - | Rel-17 | F | NR\_cov\_enh-UEConTest | agreed |
| R5-233313 | Update of NR TC 6.1.2.3-Cell selection | Huawei, Hisilicon | 38.523-1 | 3843 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233464 | Update of NR TC 6.1.2.3-Cell selection | Huawei, Hisilicon | 38.523-1 | 3843 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233776 | Update of NR TC 6.1.2.3-Cell selection | Huawei, Hisilicon | 38.523-1 | 3843 | 2 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-233326 | Addition of new NR 2 step RACH test case 7.1.1.1.9a | ZTE Corporation | 38.523-1 | 3844 | - | Rel-17 | F | TEI16\_Test, NR\_2step\_RACH-UEConTest | agreed |
| R5-233328 | Addition of new NR 2 step RACH test case 7.1.1.1.10a | ZTE Corporation | 38.523-1 | 3845 | - | Rel-17 | F | TEI16\_Test, NR\_2step\_RACH-UEConTest | agreed |
| R5-232038 | Add applicability for NR multi-SIM test case 8.1.5.10.2 | China Telecom | 38.523-2 | 0338 | - | Rel-17 | F | LTE\_NR\_MUSIM\_plus\_CT1-UEConTest | agreed |
| R5-232118 | Update of 5G-NR test cases applicability | Qualcomm Incorporated | 38.523-2 | 0339 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232188 | Addition of applicability of new MAC test cases Enhancement of data collection for SON/MDT in NR standalone | Lenovo | 38.523-2 | 0340 | - | Rel-17 | F | NR\_ENDC\_SON\_MDT\_enh-UEConTest | withdrawn |
| R5-232253 | Addition of applicability of test case 6.1.2.25 | CATT, TDIA | 38.523-2 | 0341 | - | Rel-17 | F | NR\_slice-UEConTest | revised |
| R5-233472 | Addition of applicability of test case 6.1.2.25 | CATT, TDIA | 38.523-2 | 0341 | 1 | Rel-17 | F | NR\_slice-UEConTest | agreed |
| R5-232269 | Addition of applicability for PDCP UDC test cases | CATT | 38.523-2 | 0342 | - | Rel-17 | F | NR\_UDC-UEConTest | agreed |
| R5-232270 | Add applicability for ATSSS TC 10.4.2.2 | China Telecom | 38.523-2 | 0343 | - | Rel-17 | F | ATSSS-UEConTest | agreed |
| R5-232295 | Add applicabilities for new NR 2 step RACH test cases | ZTE Corporation | 38.523-2 | 0344 | - | Rel-17 | F | TEI16\_Test, NR\_2step\_RACH-UEConTest | revised |
| R5-233466 | Add applicabilities for new NR 2 step RACH test cases | ZTE Corporation | 38.523-2 | 0344 | 1 | Rel-17 | F | TEI16\_Test, NR\_2step\_RACH-UEConTest | agreed |
| R5-232296 | Add applicabilities for new inter-system mobility test cases | ZTE Corporation | 38.523-2 | 0345 | - | Rel-17 | F | TEI15\_Test | revised |
| R5-233357 | Add applicabilities for new inter-system mobility test cases | ZTE Corporation | 38.523-2 | 0345 | 1 | Rel-17 | F | TEI15\_Test | agreed |
| R5-232297 | Update 5GMM Emergency Service test case 11.4.13 | ZTE Corporation | 38.523-2 | 0346 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232319 | Update titles for test cases 8.1.1.4.7-9 | Ericsson | 38.523-2 | 0347 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-233484 | Update titles for test cases 8.1.1.4.7-9 | Ericsson | 38.523-2 | 0347 | 1 | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232420 | Addition of applicability for NPN test cases | China Telecom | 38.523-2 | 0348 | - | Rel-17 | F | NG\_RAN\_PRN\_enh\_plus\_CT-UEConTest | not pursued |
| R5-232508 | Addition of applicability for NR cov enh SIG TCs | Huawei, Hisilicon | 38.523-2 | 0349 | - | Rel-17 | F | NR\_cov\_enh-UEConTest | revised |
| R5-233394 | Addition of applicability for NR cov enh SIG TCs | Huawei, Hisilicon | 38.523-2 | 0349 | 1 | Rel-17 | F | NR\_cov\_enh-UEConTest | agreed |
| R5-232646 | Correction to applicability of NR MAC test cases 7.1.1.7.1.x | Keysight Technologies UK, Qualcomm | 38.523-2 | 0350 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232647 | Correction to applicability of NR MAC test case 7.1.1.12.3 | Keysight Technologies UK | 38.523-2 | 0351 | - | Rel-17 | F | TEI16\_Test, NR\_UE\_pow\_sav-UEConTest | agreed |
| R5-232685 | Addition of applicability of new RRC TC for RRCRelease with redirection with mpsPriorityIndication-r16 | Qualcomm CDMA Technologies | 38.523-2 | 0352 | - | Rel-17 | F | TEI16\_Test | agreed |
| R5-232689 | Addition of applicability of new Idle mode TC to test the intraFreqReselection in MIB message is set to not allowed | Qualcomm CDMA Technologies | 38.523-2 | 0353 | - | Rel-17 | F | TEI15\_Test | revised |
| R5-233476 | Addition of applicability of new Idle mode TC to test the intraFreqReselection in MIB message is set to not allowed | Qualcomm CDMA Technologies | 38.523-2 | 0353 | 1 | Rel-17 | F | TEI15\_Test | agreed |
| R5-232708 | Addition of applicability for new ATSSS test case 10.4.1.5 and 10.4.1.6 | CATT, TDIA | 38.523-2 | 0354 | - | Rel-17 | F | ATSSS-UEConTest | agreed |
| R5-232943 | Addition of test applicablity for RedCap TC | Huawei, Hisilicon | 38.523-2 | 0355 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232964 | Addition of test applicablity for MBS TC | Huawei, Hisilicon | 38.523-2 | 0356 | - | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | revised |
| R5-233390 | Addition of test applicablity for MBS TC | Huawei, Hisilicon | 38.523-2 | 0356 | 1 | Rel-17 | F | NR\_MBS\_5MBS\_5MBUSA-UEConTest | agreed |
| R5-232968 | Add test applicability for EPS UPIP TC | Huawei, Hisilicon | 38.523-2 | 0357 | - | Rel-17 | F | UPIP\_SEC\_LTE-RAN-UEConTest | revised |
| R5-233393 | Add test applicability for EPS UPIP TC | Huawei, Hisilicon | 38.523-2 | 0357 | 1 | Rel-17 | F | UPIP\_SEC\_LTE-RAN-UEConTest | agreed |
| R5-233069 | Applicability updates to NR unlicensed test cases | Qualcomm Incorporated | 38.523-2 | 0358 | - | Rel-17 | F | NR\_unlic-UEConTest | withdrawn |
| R5-233079 | Applicability updates to NR unlicensed test cases | Qualcomm Incorporated | 38.523-2 | 0359 | - | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-233164 | Addition of applicability for NR NTN test case | Qualcomm CDMA Technologies | 38.523-2 | 0360 | - | Rel-17 | F | NR\_NTN\_solutions\_plus\_CT-UEConTest | withdrawn |
| R5-233185 | Update to applicability of UAC TC11.3.1a | Bureau Veritas ADT, CATT | 38.523-2 | 0361 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233194 | Editorial correction to specific ICS of test case 8.1.5.9.1 | Bureau Veritas ADT, CATT | 38.523-2 | 0362 | - | Rel-17 | F | TEI16\_Test, RACS-UEConTest | agreed |
| R5-233281 | Addition of applicability of new RRC test cases Enhancement of data collection for SON/MDT in NR standalone | Lenovo | 38.523-2 | 0363 | - | Rel-17 | F | NR\_ENDC\_SON\_MDT\_enh-UEConTest | revised |
| R5-233381 | Addition of applicability of new RRC test cases Enhancement of data collection for SON/MDT in NR standalone | Lenovo | 38.523-2 | 0363 | 1 | Rel-17 | F | NR\_ENDC\_SON\_MDT\_enh-UEConTest | agreed |
| R5-233287 | CR for applicability for new test case 6.1.2 Inter frequency cell reselection | Samsung | 38.523-2 | 0364 | - | Rel-17 | F | TEI15\_Test | not pursued |
| R5-233291 | Correction to the applicability of TC 8.1.7.1.1 | Qualcomm Korea | 38.523-2 | 0365 | - | Rel-17 | F | TEI16\_Test, NG\_RAN\_PRN\_Vertical\_LAN-UEConTest | agreed |
| R5-232191 | RedCap: Test Model updates | MCC TF160 | 38.523-3 | 3090 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232192 | NR UDC: Addition of Test Model | MCC TF160 | 38.523-3 | 3091 | - | Rel-17 | F | NR\_UDC-UEConTest | agreed |
| R5-232194 | 5G V2X: Test Model updates | MCC TF160 | 38.523-3 | 3092 | - | Rel-17 | F | 5G\_V2X\_NRSL\_eV2XARC-UEConTest | agreed |
| R5-232199 | Multi-SIM: Addition of NR MUSIM Test Model | MCC TF160 | 38.523-3 | 3093 | - | Rel-17 | F | LTE\_NR\_MUSIM\_plus\_CT1-UEConTest | agreed |
| R5-232205 | Routine maintenance for TS 38.523-3 | MCC TF160 | 38.523-3 | 3094 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232081 | Addition of Pre-MG RRM test case 6.6.17.1 | MediaTek Inc. | 38.533 | 2336 | - | Rel-18 | B | NR\_MG\_enh-UEConTest | withdrawn |
| R5-232082 | Addition of Pre-MG RRM test case 6.6.17.2 | MediaTek Inc. | 38.533 | 2337 | - | Rel-18 | B | NR\_MG\_enh-UEConTest | withdrawn |
| R5-232083 | Addition of Pre-MG RRM test case 6.6.17.1 | MediaTek Inc. | 38.533 | 2338 | - | Rel-17 | F | NR\_MG\_enh-UEConTest | revised |
| R5-233609 | Addition of Pre-MG RRM test case 6.6.17.1 | MediaTek Inc. | 38.533 | 2338 | 1 | Rel-17 | F | NR\_MG\_enh-UEConTest | agreed |
| R5-232084 | Addition of Pre-MG RRM test case 6.6.17.2 | MediaTek Inc. | 38.533 | 2339 | - | Rel-17 | F | NR\_MG\_enh-UEConTest | revised |
| R5-233608 | Addition of Pre-MG RRM test case 6.6.17.2 | MediaTek Inc. | 38.533 | 2339 | 1 | Rel-17 | F | NR\_MG\_enh-UEConTest | agreed |
| R5-232097 | Addition of minimum requirements for 6.6.19.0 - FR1 NCSG | MediaTek Inc. | 38.533 | 2340 | - | Rel-17 | F | NR\_MG\_enh-UEConTest | agreed |
| R5-232098 | Addition of NCSG RRM test case 6.6.19.1 | MediaTek Inc. | 38.533 | 2341 | - | Rel-17 | F | NR\_MG\_enh-UEConTest | agreed |
| R5-232099 | Addition of NCSG RRM test case 6.6.19.2 | MediaTek Inc. | 38.533 | 2342 | - | Rel-17 | F | NR\_MG\_enh-UEConTest | agreed |
| R5-232100 | Addition of NCSG RRM test case 6.6.19.3 | MediaTek Inc. | 38.533 | 2343 | - | Rel-17 | F | NR\_MG\_enh-UEConTest | agreed |
| R5-232101 | Addition of NCSG RRM test case 6.6.19.4 | MediaTek Inc. | 38.533 | 2344 | - | Rel-17 | F | NR\_MG\_enh-UEConTest | agreed |
| R5-232102 | Correction to table E.4-1 and E.4-2 for NCSG TCs | MediaTek Inc. | 38.533 | 2345 | - | Rel-17 | F | NR\_MG\_enh-UEConTest | agreed |
| R5-232104 | Addition of minimum requirements for 6.6.17.0 | MediaTek Inc. | 38.533 | 2346 | - | Rel-17 | F | NR\_MG\_enh-UEConTest | agreed |
| R5-232127 | UE UL carrier RRC reconfiguration delay test tolerances for FR2 | Nokia, Nokia Shanghai Bell | 38.533 | 2347 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh2-UEConTest | revised |
| R5-233663 | UE UL carrier RRC reconfiguration delay test tolerances for FR2 | Nokia, Nokia Shanghai Bell | 38.533 | 2347 | 1 | Rel-17 | F | NR\_RF\_FR2\_req\_enh2-UEConTest | agreed |
| R5-232128 | Adding test case 7.5.3.3 for SCell Activation and deactivation for SCell in FR2 inter-band in non-DRX | Nokia, Nokia Shanghai Bell | 38.533 | 2348 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh2-UEConTest | revised |
| R5-233618 | Adding test case 7.5.3.3 for SCell Activation and deactivation for SCell in FR2 inter-band in non-DRX | Nokia, Nokia Shanghai Bell | 38.533 | 2348 | 1 | Rel-17 | F | NR\_RF\_FR2\_req\_enh2-UEConTest | agreed |
| R5-232130 | Addition to CG-SDT RRM test case for FR2 | Nokia, Nokia Shanghai Bell | 38.533 | 2349 | - | Rel-17 | F | NR\_SmallData\_INACTIVE-UEConTest | agreed |
| R5-232171 | Core spec alignment for RedCap TCs 16.6.1.8 and 16.6.1.12 | Rohde & Schwarz | 38.533 | 2350 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232172 | Correction to Test frequencies reference for RedCap TCs in chapter 16 | Rohde & Schwarz | 38.533 | 2351 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232173 | Core spec alignment for SMTC value for RedCap TC 16.1.1.1 | Rohde & Schwarz | 38.533 | 2352 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233610 | Core spec alignment for SMTC value for RedCap TC 16.1.1.1 | Rohde & Schwarz | 38.533 | 2352 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232174 | Core spec alignment for SMTC value for TC 6.1.1.1 | Rohde & Schwarz | 38.533 | 2353 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232175 | Correction to Test frequencies reference for active BWP switch TCs: 4.5.6.1.1, 4.5.6.1.2, 4.5.6.2.1 | Rohde & Schwarz | 38.533 | 2354 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232176 | Clarification to test procedure for EN-DC active BWP switch TCs: 4.5.6.1.1, 4.5.6.1.2, 4.5.6.2.1 | Rohde & Schwarz | 38.533 | 2355 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233624 | Clarification to test procedure for EN-DC active BWP switch TCs: 4.5.6.1.1, 4.5.6.1.2, 4.5.6.2.1 | Rohde & Schwarz | 38.533 | 2355 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232177 | Clarification to test procedure for SA active BWP switch TCs: 6.5.6.1.1, 6.5.6.1.2, 6.5.6.2.1 | Rohde & Schwarz | 38.533 | 2356 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233629 | Clarification to test procedure for SA active BWP switch TCs: 6.5.6.1.1, 6.5.6.1.2, 6.5.6.2.1 | Rohde & Schwarz | 38.533 | 2356 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232227 | Completion of EN-DC FR1 direct SCell activation test case | Nokia, Nokia Shanghai Bell | 38.533 | 2357 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-233747 | Completion of EN-DC FR1 direct SCell activation test case | Nokia, Nokia Shanghai Bell | 38.533 | 2357 | 1 | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232228 | Completion of SA FR1 direct SCell activation test case | Nokia, Nokia Shanghai Bell | 38.533 | 2358 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-233748 | Completion of SA FR1 direct SCell activation test case | Nokia, Nokia Shanghai Bell | 38.533 | 2358 | 1 | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232229 | Completion of SA FR2 direct SCell activation at handover test case | Nokia, Nokia Shanghai Bell, Anritsu | 38.533 | 2359 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-233604 | Completion of SA FR2 direct SCell activation at handover test case | Nokia, Nokia Shanghai Bell, Anritsu | 38.533 | 2359 | 1 | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232230 | Completition SA FR1 direct SCell activation at handover test case | Nokia, Nokia Shanghai Bell | 38.533 | 2360 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-233749 | Completition SA FR1 direct SCell activation at handover test case | Nokia, Nokia Shanghai Bell | 38.533 | 2360 | 1 | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232231 | Completion of SA FR2 direct SCell activation test case | Nokia, Nokia Shanghai Bell | 38.533 | 2361 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-233605 | Completion of SA FR2 direct SCell activation test case | Nokia, Nokia Shanghai Bell | 38.533 | 2361 | 1 | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232232 | Completion of ENDC FR2 direct SCell activation test case | Nokia, Nokia Shanghai Bell | 38.533 | 2362 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-233606 | Completion of ENDC FR2 direct SCell activation test case | Nokia, Nokia Shanghai Bell | 38.533 | 2362 | 1 | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232233 | Update to PRS based UE Rx-Tx measurement FR1 SA test case | Nokia, Nokia Shanghai Bell | 38.533 | 2363 | - | Rel-17 | F | NR\_IIOT\_URLLC\_enh-UEConTest | revised |
| R5-233660 | Update to PRS based UE Rx-Tx measurement FR1 SA test case | Nokia, Nokia Shanghai Bell | 38.533 | 2363 | 1 | Rel-17 | F | NR\_IIOT\_URLLC\_enh-UEConTest | agreed |
| R5-232234 | Update to PRS based UE Rx-Tx measurement FR2 SA test case | Nokia, Nokia Shanghai Bell | 38.533 | 2364 | - | Rel-17 | F | NR\_IIOT\_URLLC\_enh-UEConTest | revised |
| R5-233661 | Update to PRS based UE Rx-Tx measurement FR2 SA test case | Nokia, Nokia Shanghai Bell | 38.533 | 2364 | 1 | Rel-17 | F | NR\_IIOT\_URLLC\_enh-UEConTest | agreed |
| R5-232235 | Update to TRS based UE Rx-Tx measurement FR1 SA test case | Nokia, Nokia Shanghai Bell | 38.533 | 2365 | - | Rel-17 | F | NR\_IIOT\_URLLC\_enh-UEConTest | revised |
| R5-233662 | Update to TRS based UE Rx-Tx measurement FR1 SA test case | Nokia, Nokia Shanghai Bell | 38.533 | 2365 | 1 | Rel-17 | F | NR\_IIOT\_URLLC\_enh-UEConTest | agreed |
| R5-232275 | Addition of UE Rx-Tx time difference measurement for propagation delay compensation using TRS in FR2 test case | Nokia, Nokia Shanghai Bell | 38.533 | 2366 | - | Rel-17 | F | NR\_IIOT\_URLLC\_enh-UEConTest | revised |
| R5-233607 | Addition of UE Rx-Tx time difference measurement for propagation delay compensation using TRS in FR2 test case | Nokia, Nokia Shanghai Bell | 38.533 | 2366 | 1 | Rel-17 | F | NR\_IIOT\_URLLC\_enh-UEConTest | agreed |
| R5-232279 | Addition of MAC-CE based active TCI state switch test case for HST FR2 | Nokia, Nokia Shanghai Bell | 38.533 | 2367 | - | Rel-17 | F | NR\_HST\_FR2-UEConTest | revised |
| R5-233507 | Addition of MAC-CE based active TCI state switch test case for HST FR2 | Nokia, Nokia Shanghai Bell | 38.533 | 2367 | 1 | Rel-17 | F | NR\_HST\_FR2-UEConTest | agreed |
| R5-232305 | Correction to FR2 BFD and LR including TT | Anritsu, Huawei, HiSilicon | 38.533 | 2368 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233665 | Correction to FR2 BFD and LR including TT | Anritsu, Huawei, HiSilicon | 38.533 | 2368 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232307 | Correction to EN-DC FR2 RLM tests for PSCell configured with CSI-RS-based RLM RS including TT | Anritsu | 38.533 | 2369 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232336 | Update concurrent gap test cases 6.6.18.1 and 6.6.18.2 | MediaTek Beijing Inc. | 38.533 | 2370 | - | Rel-17 | F | NR\_MG\_enh-UEConTest | agreed |
| R5-232426 | Correction to table E.4-1 for Pre-MG TCs | MediaTek Inc. | 38.533 | 2371 | - | Rel-17 | F | NR\_MG\_enh-UEConTest | agreed |
| R5-232450 | Update of RRM Test Case 5.5.3.1 EN-DC FR2 SCell activation and deactivation intra-band in non-DRX including Test Tolerance | Sporton | 38.533 | 2372 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232459 | Correction to RedCap RRM TC 16.3.1.x NCDSSB HO | Huawei, HiSilicon, Starpoint | 38.533 | 2373 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233771 | Correction to RedCap RRM TC 16.3.1.x NCDSSB HO | Huawei, HiSilicon, Starpoint | 38.533 | 2373 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232460 | Correction to RedCap RRM TC 16.5.2.x SSB BFR | Huawei, HiSilicon, Starpoint | 38.533 | 2374 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232461 | Correction to RedCap RRM TC 16.6.1.x CDSSB intraFreq | Huawei, HiSilicon, Starpoint | 38.533 | 2375 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232462 | Correction to RedCap RRM TC 16.6.1.x NCDSSB intraFreq | Huawei, HiSilicon, Starpoint | 38.533 | 2376 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232463 | Correction to RedCap RRM TC 17.5.1.2 SSB InSync noDRX | Huawei, HiSilicon | 38.533 | 2377 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232464 | Correction to RedCap RRM TC 17.5.2.3 CSIRS BFR noDRX with TT | Huawei, HiSilicon | 38.533 | 2378 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233654 | Correction to RedCap RRM TC 17.5.2.3 CSIRS BFR noDRX with TT | Huawei, HiSilicon | 38.533 | 2378 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232465 | Correction to RedCap RRM TC 17.5.2.4 CSIRS BFR DRX with TT | Huawei, HiSilicon | 38.533 | 2379 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233655 | Correction to RedCap RRM TC 17.5.2.4 CSIRS BFR DRX with TT | Huawei, HiSilicon | 38.533 | 2379 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232466 | Correction to RedCap RRM TC 17.5.2.5 BFR restriction with TT | Huawei, HiSilicon | 38.533 | 2380 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233656 | Correction to RedCap RRM TC 17.5.2.5 BFR restriction with TT | Huawei, HiSilicon | 38.533 | 2380 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232467 | Correction to RedCap RRM TC 17.6.1.1 intraFreq noDRX | Huawei, HiSilicon | 38.533 | 2381 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232468 | Addition of RedCap RRM TC 17.6.1.2 intraFreq DRX with TT | Huawei, HiSilicon | 38.533 | 2382 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233657 | Addition of RedCap RRM TC 17.6.1.2 intraFreq DRX with TT | Huawei, HiSilicon | 38.533 | 2382 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232469 | Correction to RedCap RRM TC 17.6.1.3 gap intraFreq noDRX with TT | Huawei, HiSilicon | 38.533 | 2383 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232470 | Correction to RedCap RRM TC 17.6.1.4 gap intraFreq DRX with TT | Huawei, HiSilicon | 38.533 | 2384 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232471 | Correction to RedCap RRM TC 17.6.3.1 SSB L1RSRP noDRX with TT | Huawei, HiSilicon | 38.533 | 2385 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233647 | Correction to RedCap RRM TC 17.6.3.1 SSB L1RSRP noDRX with TT | Huawei, HiSilicon | 38.533 | 2385 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232472 | Correction to RedCap RRM TC 17.6.3.2 SSB L1RSRP DRX with TT | Huawei, HiSilicon | 38.533 | 2386 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232473 | Correction to RedCap RRM TC 17.6.3.3 CSIRS L1RSRP noDRX with TT | Huawei, HiSilicon | 38.533 | 2387 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232474 | Correction to RedCap RRM TC 17.6.3.4 CSIRS L1RSRP DRX with TT | Huawei, HiSilicon | 38.533 | 2388 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232475 | Correction to RedCap RRM TC 18.2.2.1 L2N Redirection | Huawei, HiSilicon | 38.533 | 2389 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232476 | Correction to RedCap RRM TC 18.3.1.5 interRAT noDRX with TT | Huawei, HiSilicon | 38.533 | 2390 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233752 | Correction to RedCap RRM TC 18.3.1.5 interRAT noDRX with TT | Huawei, HiSilicon | 38.533 | 2390 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232477 | Correction to RedCap RRM TC 18.3.1.6 interRAT DRX with TT | Huawei, HiSilicon | 38.533 | 2391 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233753 | Correction to RedCap RRM TC 18.3.1.6 interRAT DRX with TT | Huawei, HiSilicon | 38.533 | 2391 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232478 | Correction to RedCap RRM TC 18.3.1.7 interRAT noDRX SBI with TT | Huawei, HiSilicon | 38.533 | 2392 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233754 | Correction to RedCap RRM TC 18.3.1.7 interRAT noDRX SBI with TT | Huawei, HiSilicon | 38.533 | 2392 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232479 | Correction to RedCap RRM TC 18.3.1.8 interRAT DRX SBI with TT | Huawei, Hisilicon | 38.533 | 2393 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233755 | Correction to RedCap RRM TC 18.3.1.8 interRAT DRX SBI with TT | Huawei, Hisilicon | 38.533 | 2393 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232480 | Correction to Annex A for RedCap RRM TCs | Huawei, HiSilicon | 38.533 | 2394 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232481 | Correction to Annex E for RedCap RRM TCs | Huawei, HiSilicon | 38.533 | 2395 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233611 | Correction to Annex E for RedCap RRM TCs | Huawei, HiSilicon | 38.533 | 2395 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232482 | Correction to Annex F for RedCap RRM TCs | Huawei, HiSilicon | 38.533 | 2396 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232489 | Correction to RRM enh TC 6.5.8.1 CBW change | Huawei, HiSilicon | 38.533 | 2397 | - | Rel-17 | F | NR\_RRM\_enh-UEConTest | agreed |
| R5-232490 | Correction to Annex A for RRM enh TCs | Huawei, HiSilicon | 38.533 | 2398 | - | Rel-17 | F | NR\_RRM\_enh-UEConTest | revised |
| R5-233773 | Correction to Annex A for RRM enh TCs | Huawei, HiSilicon | 38.533 | 2398 | 1 | Rel-17 | F | NR\_RRM\_enh-UEConTest | agreed |
| R5-232491 | Correction to EN DC RRM TC 4.6.2.x FR1 interFreq | Huawei, HiSilicon, Starpoint | 38.533 | 2399 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232492 | Correction to NR SA RRM TC 6.6.2.x FR1 interFreq | Huawei, HiSilicon, Starpoint | 38.533 | 2400 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232493 | Correction to NR SA RRM TC 8.4.2.x FR2 interRAT | Huawei, HiSilicon | 38.533 | 2401 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233756 | Correction to NR SA RRM TC 8.4.2.x FR2 interRAT | Huawei, HiSilicon | 38.533 | 2401 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233775 | Correction to NR SA RRM TC 8.4.2.x FR2 interRAT | Huawei, HiSilicon | 38.533 | 2401 | 2 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232494 | Correction to Annex H for NR RRM TCs | Huawei, HiSilicon, Starpoint | 38.533 | 2402 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232530 | Update of eMG TC 6.6.18.3 | MediaTek Inc. | 38.533 | 2403 | - | Rel-17 | F | NR\_MG\_enh-UEConTest | agreed |
| R5-232531 | Update of eMG TC 6.6.18.4 | MediaTek Inc. | 38.533 | 2404 | - | Rel-17 | F | NR\_MG\_enh-UEConTest | agreed |
| R5-232532 | Update of E.4 for MG enhancements | MediaTek Inc. | 38.533 | 2405 | - | Rel-17 | F | NR\_MG\_enh-UEConTest | agreed |
| R5-232533 | Update of H.3.1 for MG enhancements | MediaTek Inc. | 38.533 | 2406 | - | Rel-17 | F | NR\_MG\_enh-UEConTest | agreed |
| R5-232534 | Update of default configuration for IoT NTN | MediaTek Inc. | 38.533 | 2407 | - | Rel-17 | F | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | withdrawn |
| R5-232656 | Update to CLI tests 4.6.5.1 and 6.6.6.1 with TTs | Qualcomm France | 38.533 | 2408 | - | Rel-17 | F | NR\_CLI-UEConTest | revised |
| R5-233648 | Update to CLI tests 4.6.5.1 and 6.6.6.1 with TTs | Qualcomm France | 38.533 | 2408 | 1 | Rel-17 | F | NR\_CLI-UEConTest | agreed |
| R5-232658 | Update to CLI tests 4.7.6.1 and 6.7.8.1 with TTs | Qualcomm France | 38.533 | 2409 | - | Rel-17 | F | NR\_CLI-UEConTest | revised |
| R5-233649 | Update to CLI tests 4.7.6.1 and 6.7.8.1 with TTs | Qualcomm France | 38.533 | 2409 | 1 | Rel-17 | F | NR\_CLI-UEConTest | agreed |
| R5-232661 | Addition of NR SA FR2 active TCI state switch test cases 7.5.8.1.1 and 7.5.8.2.1 with TT | Qualcomm France | 38.533 | 2410 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233645 | Addition of NR SA FR2 active TCI state switch test cases 7.5.8.1.1 and 7.5.8.2.1 with TT | Qualcomm France | 38.533 | 2410 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232663 | Addition of NR-U EN-DC SS-RSRP measurement performance test cases | Qualcomm France | 38.533 | 2411 | - | Rel-17 | F | NR\_unlic-UEConTest | revised |
| R5-233621 | Addition of NR-U EN-DC SS-RSRP measurement performance test cases | Qualcomm France | 38.533 | 2411 | 1 | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-232664 | Update to NR-U frequency bands | Qualcomm France | 38.533 | 2412 | - | Rel-17 | F | NR\_unlic-UEConTest | revised |
| R5-233622 | Update to NR-U frequency bands | Qualcomm France | 38.533 | 2412 | 1 | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-232665 | Addition of NR-U SA SS-RSRP measurement performance test cases | Qualcomm France | 38.533 | 2413 | - | Rel-17 | F | NR\_unlic-UEConTest | revised |
| R5-233623 | Addition of NR-U SA SS-RSRP measurement performance test cases | Qualcomm France | 38.533 | 2413 | 1 | Rel-17 | F | NR\_unlic-UEConTest | agreed |
| R5-232666 | Update to RRM idle mode HST test cases | Qualcomm France | 38.533 | 2414 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233740 | Update to RRM idle mode HST test cases | Qualcomm France | 38.533 | 2414 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232669 | Addition of RedCap RLM OOS test cases 16.5.1.5 and 16.5.1.6 | Qualcomm France | 38.533 | 2415 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233612 | Addition of RedCap RLM OOS test cases 16.5.1.5 and 16.5.1.6 | Qualcomm France | 38.533 | 2415 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232670 | Addition of RedCap SSB-based BFD and LR in DRX mode test cases 16.5.2.3 and 16.5.2.4 | Qualcomm France | 38.533 | 2416 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233613 | Addition of RedCap SSB-based BFD and LR in DRX mode test cases 16.5.2.3 and 16.5.2.4 | Qualcomm France | 38.533 | 2416 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232671 | Addition of RedCap DCI-based DL active BWP switch test cases 16.5.3.1.1 and 16.5.3.1.2 | Qualcomm France | 38.533 | 2417 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233614 | Addition of RedCap DCI-based DL active BWP switch test cases 16.5.3.1.1 and 16.5.3.1.2 | Qualcomm France | 38.533 | 2417 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232672 | Addition of RedCap RRC-based DL active BWP switch test cases 16.5.3.2.1 and 16.5.3.2.2 | Qualcomm France | 38.533 | 2418 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233615 | Addition of RedCap RRC-based DL active BWP switch test cases 16.5.3.2.1 and 16.5.3.2.2 | Qualcomm France | 38.533 | 2418 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232674 | Addition of power savings RLM OOS test case 4.5.1.9 | Qualcomm France | 38.533 | 2419 | - | Rel-17 | F | NR\_UE\_pow\_sav\_enh\_plus\_CT-UEConTest | revised |
| R5-233619 | Addition of power savings RLM OOS test case 4.5.1.9 | Qualcomm France | 38.533 | 2419 | 1 | Rel-17 | F | NR\_UE\_pow\_sav\_enh\_plus\_CT-UEConTest | agreed |
| R5-232675 | Addition of power savings RLM OOS test case 5.5.1.10 | Qualcomm France | 38.533 | 2420 | - | Rel-17 | F | NR\_UE\_pow\_sav\_enh\_plus\_CT-UEConTest | revised |
| R5-233620 | Addition of power savings RLM OOS test case 5.5.1.10 | Qualcomm France | 38.533 | 2420 | 1 | Rel-17 | F | NR\_UE\_pow\_sav\_enh\_plus\_CT-UEConTest | agreed |
| R5-232677 | TT update for test cases 6.6.3.1 and 6.6.3.2 | Qualcomm France | 38.533 | 2421 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233667 | TT update for test cases 6.6.3.1 and 6.6.3.2 | Qualcomm France | 38.533 | 2421 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232678 | Annex E and F updates for CLI-based test cases including TTs | Qualcomm France | 38.533 | 2422 | - | Rel-17 | F | NR\_CLI-UEConTest | revised |
| R5-233650 | Annex E and F updates for CLI-based test cases including TTs | Qualcomm France | 38.533 | 2422 | 1 | Rel-17 | F | NR\_CLI-UEConTest | agreed |
| R5-232679 | Update to SCell activation and deactivation test cases | Qualcomm France | 38.533 | 2423 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233625 | Update to SCell activation and deactivation test cases | Qualcomm France | 38.533 | 2423 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232680 | Correction to test applicability for SA FR2 test cases | Qualcomm France | 38.533 | 2424 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233630 | Correction to test applicability for SA FR2 test cases | Qualcomm France | 38.533 | 2424 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232914 | Correction of FR2 Inter-freq measurement accuracy test cases including Test Tolerance | Ericsson | 38.533 | 2425 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232916 | Correction of EN-DC event reporting with highSpeedMeasCA-Scell-r17 test case 4.6.1.8 including Test Tolerance | Ericsson | 38.533 | 2426 | - | Rel-17 | F | NR\_HST\_FR1\_enh-UEConTest | agreed |
| R5-232917 | Correction of EN-DC event reporting with highSpeedMeasCA-Scell-r17 test case 4.6.2.9 including Test Tolerance | Ericsson | 38.533 | 2427 | - | Rel-17 | F | NR\_HST\_FR1\_enh-UEConTest | agreed |
| R5-232918 | Correction of SA FR1 HST reselection test case 6.1.1.8 including Test Tolerance | Ericsson | 38.533 | 2428 | - | Rel-17 | F | NR\_HST\_FR1\_enh-UEConTest | agreed |
| R5-232919 | Correction of SA event reporting with highSpeedMeasCA-Scell-r17 test case 6.6.1.8 including Test Tolerance | Ericsson | 38.533 | 2429 | - | Rel-17 | F | NR\_HST\_FR1\_enh-UEConTest | revised |
| R5-233658 | Correction of SA event reporting with highSpeedMeasCA-Scell-r17 test case 6.6.1.8 including Test Tolerance | Ericsson | 38.533 | 2429 | 1 | Rel-17 | F | NR\_HST\_FR1\_enh-UEConTest | agreed |
| R5-232920 | Correction of SA event reporting with highSpeedMeasCA-Scell-r17 test case 6.6.2.12 including Test Tolerance | Ericsson | 38.533 | 2430 | - | Rel-17 | F | NR\_HST\_FR1\_enh-UEConTest | agreed |
| R5-232921 | Correction of Annex F for HST test cases including Test Tolerance | Ericsson | 38.533 | 2431 | - | Rel-17 | F | NR\_HST\_FR1\_enh-UEConTest | agreed |
| R5-232922 | Correction of RedCap NR SA FR1 - E-UTRA Cell reselection test cases in clause 16.1.2 | Ericsson | 38.533 | 2432 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233616 | Correction of RedCap NR SA FR1 - E-UTRA Cell reselection test cases in clause 16.1.2 | Ericsson | 38.533 | 2432 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232923 | Correction of RedCap test case 17.1.1.1 | Ericsson | 38.533 | 2433 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232924 | Correction of RedCap test case 17.1.1.2 | Ericsson | 38.533 | 2434 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232925 | Correction of RedCap test case 17.1.1.3 | Ericsson | 38.533 | 2435 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232926 | Correction of RedCap test case 17.1.1.4 | Ericsson | 38.533 | 2436 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232927 | Annex E correction for Redcap FR2 reselection cases | Ericsson | 38.533 | 2437 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233617 | Annex E correction for Redcap FR2 reselection cases | Ericsson | 38.533 | 2437 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232931 | RRM enh cases EN regarding applicability removal | Ericsson | 38.533 | 2438 | - | Rel-17 | F | NR\_RRM\_enh-UEConTest | withdrawn |
| R5-232982 | Correction to CSI RS based L1-RSRP measurement test 5.6.3.4 | Keysight Technologies UK Ltd | 38.533 | 2439 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233011 | Correction to message exception in FR1 BWP Switching test cases | Anritsu | 38.533 | 2440 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233012 | Correction to ssb-ToMeasure setting in 5.6.1.1 and 5.6.1.3 | Anritsu | 38.533 | 2441 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233013 | Correction to CellGroupConfig in 5.5.6.2.1 | Anritsu | 38.533 | 2442 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233014 | Editorial correction to reference of AoA setup | Anritsu | 38.533 | 2443 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233627 | Editorial correction to reference of AoA setup | Anritsu | 38.533 | 2443 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233015 | Correction to entries of FR2 RLM config in Annex H | Anritsu | 38.533 | 2444 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233016 | Removal of square brackets from test paramters of RedCap test cases | Anritsu | 38.533 | 2445 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | revised |
| R5-233744 | Removal of square brackets from test paramters of RedCap test cases | Anritsu | 38.533 | 2445 | 1 | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | withdrawn |
| R5-233018 | 2AoA Relative angular offset between active probes for PC1 devices | Keysight Technologies UK Ltd | 38.533 | 2446 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | not pursued |
| R5-233019 | Corrections to RRM HST 6.1.1.7 test case | Keysight Technologies UK Ltd | 38.533 | 2447 | - | Rel-17 | F | TEI16\_Test, NR\_HST-UEConTest | agreed |
| R5-233020 | Introduction of 6.5.1.9 power saving enhancement test case | Keysight Technologies UK Ltd | 38.533 | 2448 | - | Rel-17 | F | NR\_UE\_pow\_sav\_enh\_plus\_CT-UEConTest | agreed |
| R5-233134 | Correction in RRM TC 4.5.2.5 TC Procedure | Rohde & Schwarz | 38.533 | 2449 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233136 | Removal of duplicated table in A.1.4.2-3 | Rohde & Schwarz | 38.533 | 2450 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233137 | Core spec alignment for TC 5.5.1.7 | Rohde & Schwarz | 38.533 | 2451 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233138 | Core spec alignment for antenna configuration for 4.5.3 TCs | Rohde & Schwarz | 38.533 | 2452 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233729 | Core spec alignment for antenna configuration for 4.5.3 TCs | Rohde & Schwarz | 38.533 | 2452 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233139 | Core spec alignment for antenna configuration for 6.5.3 TCs | Rohde & Schwarz | 38.533 | 2453 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233730 | Core spec alignment for antenna configuration for 6.5.3 TCs | Rohde & Schwarz | 38.533 | 2453 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233140 | PDCCH Config correction for FR2 beam failure detection and link recovery TCs | Rohde & Schwarz | 38.533 | 2454 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233141 | T3 correction of SSB\_RP for TC 5.5.5.1 | Rohde & Schwarz | 38.533 | 2455 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233626 | T3 correction of SSB\_RP for TC 5.5.5.1 | Rohde & Schwarz | 38.533 | 2455 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233265 | Update to FR1 CG-SDT test case | Qualcomm France | 38.533 | 2456 | - | Rel-17 | F | NR\_SmallData\_INACTIVE-UEConTest | revised |
| R5-233739 | Update to FR1 CG-SDT test case | Qualcomm France | 38.533 | 2456 | 1 | Rel-17 | F | NR\_SmallData\_INACTIVE-UEConTest | agreed |
| R5-233266 | Correction for multi-TRP test case 7.5.5.9 | Qualcomm France | 38.533 | 2457 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233741 | Correction for multi-TRP test case 7.5.5.9 | Qualcomm France | 38.533 | 2457 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233267 | Update to L2N latency test cases | Qualcomm France | 38.533 | 2458 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233742 | Update to L2N latency test cases | Qualcomm France | 38.533 | 2458 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233288 | Update of RRM Test Case 5.5.3.1 EN-DC FR2 SCell activation and deactivation intra-band in non-DRX | Sporton | 38.533 | 2459 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233628 | Update of RRM Test Case 5.5.3.1 EN-DC FR2 SCell activation and deactivation intra-band in non-DRX | Sporton | 38.533 | 2459 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233297 | Correction to FR2 BFD and LR | Anritsu | 38.533 | 2460 | - | Rel-17 | F | TEI16\_Test, NR\_eMIMO-UEConTest | revised |
| R5-233666 | Correction to FR2 BFD and LR | Anritsu | 38.533 | 2460 | 1 | Rel-17 | F | TEI16\_Test, NR\_eMIMO-UEConTest | agreed |
| R5-233298 | Addition of NR SA FR2 BFD and LR TT for RedCap | Anritsu, Huawei, HiSilicon | 38.533 | 2461 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232078 | TT analysis for positioning test case 16.3.2 | CATT | 38.903 | 0503 | - | Rel-17 | F | NR\_pos-UEConTest | agreed |
| R5-232126 | TT analysis for FR2 UE UL carrier RRC reconfiguration delay test case | Nokia, Nokia Shanghai Bell | 38.903 | 0504 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh2-UEConTest | revised |
| R5-233664 | TT analysis for FR2 UE UL carrier RRC reconfiguration delay test case | Nokia, Nokia Shanghai Bell | 38.903 | 0504 | 1 | Rel-17 | F | NR\_RF\_FR2\_req\_enh2-UEConTest | agreed |
| R5-232160 | PC5 MU - definition for MOP test cases in 38.903 | Keysight Technologies UK Ltd | 38.903 | 0505 | - | Rel-17 | F | NR\_FR2\_FWA\_Bn257\_Bn258-UEConTest | revised |
| R5-233632 | PC5 MU - definition for MOP test cases in 38.903 | Keysight Technologies UK Ltd | 38.903 | 0505 | 1 | Rel-17 | F | NR\_FR2\_FWA\_Bn257\_Bn258-UEConTest | agreed |
| R5-232161 | FR2 MUs - General Update in 38.903 section B.2.2 | Keysight Technologies UK Ltd | 38.903 | 0506 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233639 | FR2 MUs - General Update in 38.903 section B.2.2 | Keysight Technologies UK Ltd | 38.903 | 0506 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232163 | PC1 MU - definition for SEM test case in 38.903 | Keysight Technologies UK Ltd | 38.903 | 0507 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232164 | PC1 MU - definition for ACS Case 1 and IBB test cases in 38.903 | Keysight Technologies UK Ltd | 38.903 | 0508 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232169 | FR2 PC3 - Network Analyzer MU update in 38.903 | Keysight Technologies UK Ltd | 38.903 | 0509 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233640 | FR2 PC3 - Network Analyzer MU update in 38.903 | Keysight Technologies UK Ltd | 38.903 | 0509 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232271 | Addition of test tolerance analysis for test Case of 4.5.3.5 EN-DC FR1 direct SCell activation and test Case of 6.5.3.4 NR SA FR1 direct SCell activation | Nokia, Nokia Shanghai Bell | 38.903 | 0510 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-233750 | Addition of test tolerance analysis for test Case of 4.5.3.5 EN-DC FR1 direct SCell activation and test Case of 6.5.3.4 NR SA FR1 direct SCell activation | Nokia, Nokia Shanghai Bell | 38.903 | 0510 | 1 | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232272 | Grouping of test tolerance analysis for test Case 5.5.3.7 with 5.5.3.1 | Nokia, Nokia Shanghai Bell | 38.903 | 0511 | - | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | revised |
| R5-233653 | Grouping of test tolerance analysis for test Case 5.5.3.7 with 5.5.3.1 | Nokia, Nokia Shanghai Bell | 38.903 | 0511 | 1 | Rel-17 | F | LTE\_NR\_DC\_CA\_enh-UEConTest | agreed |
| R5-232306 | Replacement of TT analysis for FR2 BFD and BFR | Anritsu, Huawei, HiSilicon | 38.903 | 0512 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233644 | Replacement of TT analysis for FR2 BFD and BFR | Anritsu, Huawei, HiSilicon | 38.903 | 0512 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232308 | Update of Test Tolerance analyses for EN-DC FR2 RLM tests for PSCell configured with CSI-RS-based RLM RS | Anritsu | 38.903 | 0513 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232427 | TT analysis for TC 16.2.1 | Rohde & Schwarz | 38.903 | 0514 | - | Rel-17 | F | NR\_pos-UEConTest | agreed |
| R5-232428 | TT analysis for TC 16.2.2 | Rohde & Schwarz | 38.903 | 0515 | - | Rel-17 | F | NR\_pos-UEConTest | agreed |
| R5-232429 | TT analysis for TC 16.3.1 | Rohde & Schwarz | 38.903 | 0516 | - | Rel-17 | F | NR\_pos-UEConTest | agreed |
| R5-232483 | TT analysis for RedCap RRM TC 17.6.1.2 and 17.6.1.4 intraFreq one AoA | Huawei, HiSilicon | 38.903 | 0517 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232484 | TT analysis for RedCap RRM TC 17.6.1.3 intraFreq two AoAs | Huawei, HiSilicon | 38.903 | 0518 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232485 | TT analysis for RedCap RRM TC 17.6.3.1 and 17.6.3.2 SSB L1RSRP | Huawei, HiSilicon | 38.903 | 0519 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232486 | TT analysis for RedCap RRM TC 17.6.3.3 and 17.6.3.4 CSIRS L1RSRP | Huawei, HiSilicon | 38.903 | 0520 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232487 | TT analysis for RedCap RRM TC 18.3.1.5 interRAT nonPeak | Huawei, HiSilicon | 38.903 | 0521 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232488 | TT analysis for RedCap RRM TC 18.3.1.x interRAT peak | Huawei, HiSilicon | 38.903 | 0522 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232561 | Test Tolerance analysis of FR1 PDC test cases | Nokia, Nokia Shanghai Bell | 38.903 | 0523 | - | Rel-17 | F | NR\_IIOT\_URLLC\_enh-UEConTest | agreed |
| R5-232566 | Test Tolerance analysis of FR2 PDC test cases | Nokia, Nokia Shanghai Bell | 38.903 | 0524 | - | Rel-17 | F | NR\_IIOT\_URLLC\_enh-UEConTest | agreed |
| R5-232631 | Removal of Offsets in B.18 | Keysight Technologies UK Ltd | 38.903 | 0525 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232657 | Addition of TT analysis for 4.6.5.1 and 6.6.6.1 | Qualcomm France | 38.903 | 0526 | - | Rel-17 | F | NR\_CLI-UEConTest | agreed |
| R5-232659 | Addition of TT analysis for 4.7.6.1 and 6.7.8.1 | Qualcomm France | 38.903 | 0527 | - | Rel-17 | F | NR\_CLI-UEConTest | revised |
| R5-233646 | Addition of TT analysis for 4.7.6.1 and 6.7.8.1 | Qualcomm France | 38.903 | 0527 | 1 | Rel-17 | F | NR\_CLI-UEConTest | agreed |
| R5-232662 | Addition of TT analysis for TCI state switch test cases 7.5.8.1.1 and 7.5.8.2.1 | Qualcomm France | 38.903 | 0528 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232676 | Addition of TT analysis for test cases 6.6.3.1 and 6.6.3.2 | Qualcomm France | 38.903 | 0529 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232757 | Correction to test tolerance analysis for 5.6.6.1 and 7.6.6.1 | Huawei, HiSilicon | 38.903 | 0530 | - | Rel-17 | F | TEI16\_Test, NR\_eMIMO-UEConTest | agreed |
| R5-232907 | Updating for PC6 measurement error contribution descriptions for IFF | Samsung Electronics Nordic AB | 38.903 | 0531 | - | Rel-17 | F | NR\_HST\_FR2-UEConTest | withdrawn |
| R5-232912 | Correction of UE gain parameters | Ericsson | 38.903 | 0532 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232913 | Correction of Test Tolerance analysis for Inter-frequency SS-RSRP measurement accuracy tests in FR2 | Ericsson | 38.903 | 0533 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233643 | Correction of Test Tolerance analysis for Inter-frequency SS-RSRP measurement accuracy tests in FR2 | Ericsson | 38.903 | 0533 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | withdrawn |
| R5-232915 | Test Tolerance analysis for HST event triggered test cases | Ericsson | 38.903 | 0534 | - | Rel-17 | F | NR\_HST\_FR1\_enh-UEConTest | revised |
| R5-233659 | Test Tolerance analysis for HST event triggered test cases | Ericsson | 38.903 | 0534 | 1 | Rel-17 | F | NR\_HST\_FR1\_enh-UEConTest | agreed |
| R5-232932 | Updating for PC6 measurement error contribution descriptions for IFF | Samsung | 38.903 | 0535 | - | Rel-17 | F | NR\_HST\_FR2-UEConTest | revised |
| R5-233633 | Updating for PC6 measurement error contribution descriptions for IFF | Samsung | 38.903 | 0535 | 1 | Rel-17 | F | NR\_HST\_FR2-UEConTest | agreed |
| R5-232985 | Definition of MU for FR2c | Anritsu | 38.903 | 0536 | - | Rel-17 | F | TEI16\_Test, NR\_bands\_BW\_R16-UEConTest | withdrawn |
| R5-233017 | Editorial correction to Annex B | Anritsu | 38.903 | 0537 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233695 | Editorial correction to Annex B | Anritsu | 38.903 | 0537 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233299 | Addition of TT analysis for NR SA FR2 BFD and BFR for RedCap | Anritsu, Huawei, HiSilicon | 38.903 | 0538 | - | Rel-17 | F | NR\_redcap\_plus\_ARCH-UEConTest | agreed |
| R5-232114 | Introduction of MOP test point analysis for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | 38.905 | 0755 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232115 | Introduction of spurious emission TP analysis for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | 38.905 | 0756 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232116 | Introduction of reference sensitivity test point analysis for CA\_n28A-n78A | Nokia, Nokia Shanghai Bell | 38.905 | 0757 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232247 | Update inter-band NR CA reference sensitivity exception cases due to UL PC2 | Verizon Switzerland AG, Qualcomm, Ericsson | 38.905 | 0758 | - | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | revised |
| R5-233713 | Update inter-band NR CA reference sensitivity exception cases due to UL PC2 | Verizon Switzerland AG, Qualcomm, Ericsson | 38.905 | 0758 | 1 | Rel-17 | F | NR\_PC2\_CA\_R17\_2BDL\_2BUL-UEConTest | agreed |
| R5-232347 | TP analysis updated for NTN maximum input level test case 7.4 | Keysight Technologies UK Ltd | 38.905 | 0759 | - | Rel-17 | F | NR\_NTN\_solutions\_plus\_CT-UEConTest | agreed |
| R5-232351 | TP analysis update for FR2 2 UL CA Tx tests to support PHR method | Keysight Technologies UK Ltd, Ericsson | 38.905 | 0760 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233518 | TP analysis update for FR2 2 UL CA Tx tests to support PHR method | Keysight Technologies UK Ltd, Ericsson | 38.905 | 0760 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232352 | FR1 MPR - ACLR - SEM - TP analysis update for almost contiguous RB allocation | Keysight Technologies UK Ltd | 38.905 | 0761 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233521 | FR1 MPR - ACLR - SEM - TP analysis update for almost contiguous RB allocation | Keysight Technologies UK Ltd | 38.905 | 0761 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232364 | Correction to spurious emissions TP analysis for 21A\_n28A | DOCOMO Communications Lab. | 38.905 | 0762 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-233512 | Correction to spurious emissions TP analysis for 21A\_n28A | DOCOMO Communications Lab. | 38.905 | 0762 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232424 | Addition of spurious emission TP analysis for CA\_n1A-n3A | China Unicom | 38.905 | 0763 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232518 | TP analysis for NR NTN configured transmission power tests | Google | 38.905 | 0764 | - | Rel-17 | F | NR\_NTN\_solutions\_plus\_CT-UEConTest | revised |
| R5-233514 | TP analysis for NR NTN configured transmission power tests | Google | 38.905 | 0764 | 1 | Rel-17 | F | NR\_NTN\_solutions\_plus\_CT-UEConTest | agreed |
| R5-232606 | Ref sensitivity TP selection for DC\_38A\_n78A DC\_18A\_n77A and DC\_19A\_n77A | Qualcomm India Pvt Ltd, DOCOMO Communications Lab | 38.905 | 0765 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233519 | Ref sensitivity TP selection for DC\_38A\_n78A DC\_18A\_n77A and DC\_19A\_n77A | Qualcomm India Pvt Ltd, DOCOMO Communications Lab | 38.905 | 0765 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232608 | Ref sensitivity TP selection for DC\_7A\_n66A DC\_7A\_n77A and DC\_66A\_n25A | Qualcomm India Pvt Ltd | 38.905 | 0766 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232610 | Spur\_TpAnalysis for CA\_n5A\_n48A | Qualcomm India Pvt Ltd | 38.905 | 0767 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | revised |
| R5-233513 | Spur\_TpAnalysis for CA\_n5A\_n48A | Qualcomm India Pvt Ltd | 38.905 | 0767 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232707 | Addition of reference sensitivity test point analysis for n3A-n77A | KDDI Corporation | 38.905 | 0768 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232709 | Addition of reference sensitivity test point analysis for n28A-n77A | KDDI Corporation | 38.905 | 0769 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232718 | Addition of reference sensitivity test point analysis for DC\_21A\_n28A | NTT DOCOMO INC. | 38.905 | 0770 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R17-UEConTest | agreed |
| R5-232720 | Addition of reference sensitivity test point analysis for 19A\_n77A | NTT DOCOMO INC. | 38.905 | 0771 | - | Rel-17 | F | TEI15\_Test | withdrawn |
| R5-232755 | Correction to test point analysis for FR1 test cases | Huawei, HiSilicon | 38.905 | 0772 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233522 | Correction to test point analysis for FR1 test cases | Huawei, HiSilicon | 38.905 | 0772 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232803 | TP analysis for PC2 PC3 n39 A-MPR and A-SE | CMCC | 38.905 | 0773 | - | Rel-17 | F | NR\_UE\_PC2\_n39-UEConTest | revised |
| R5-233516 | TP analysis for PC2 PC3 n39 A-MPR and A-SE | CMCC | 38.905 | 0773 | 1 | Rel-17 | F | NR\_UE\_PC2\_n39-UEConTest | revised |
| R5-233528 | TP analysis for PC2 PC3 n39 A-MPR and A-SE | CMCC | 38.905 | 0773 | 2 | Rel-17 | F | NR\_UE\_PC2\_n39-UEConTest | agreed |
| R5-232805 | TP analysis for PC2 n39 A-SE | CMCC | 38.905 | 0774 | - | Rel-17 | F | NR\_UE\_PC2\_n39-UEConTest | withdrawn |
| R5-232876 | Editorial in Table 4.1.3.1-2 | Ericsson | 38.905 | 0775 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232878 | Addition of CA\_n41A-n66A-n71A in sensitivity test case config table. | Ericsson | 38.905 | 0776 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-232881 | Clarification/improvement of clause B9. | Ericsson | 38.905 | 0777 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233523 | Clarification/improvement of clause B9. | Ericsson | 38.905 | 0777 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-232976 | Introduction of TP analysis for A-MPR - New NR band n13 | Nokia, Nokia Shanghai Bell | 38.905 | 0778 | - | Rel-17 | F | TEI17\_Test, NR\_lic\_bands\_BW\_R17-UEConTest | agreed |
| R5-233089 | Updating REFSENS exception test frequency selection for CA\_n7A-n78A | Huawei, HiSilicon | 38.905 | 0779 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | revised |
| R5-233526 | Updating REFSENS exception test frequency selection for CA\_n7A-n78A | Huawei, HiSilicon | 38.905 | 0779 | 1 | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233094 | Updating TP analysis for Transmit ON/OFF time mask for CA | Huawei, HiSilicon | 38.905 | 0780 | - | Rel-17 | F | NR\_RF\_FR1-UEConTest | agreed |
| R5-233167 | Correction of test point analysis for CA\_n66A-n71A | ROHDE & SCHWARZ | 38.905 | 0781 | - | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | revised |
| R5-233530 | Correction of test point analysis for CA\_n66A-n71A | ROHDE & SCHWARZ | 38.905 | 0781 | 1 | Rel-17 | F | NR\_CADC\_NR\_LTE\_DC\_R16-UEConTest | agreed |
| R5-233171 | Addition of Test Point Analysis for CA\_NS\_202 | ROHDE & SCHWARZ | 38.905 | 0782 | - | Rel-17 | F | TEI15\_Test, 5GS\_NR\_LTE-UEConTest | agreed |
| R5-233256 | TP Analysis for FR2 RF test case involving EIRP with UL-Gaps | Apple Inc | 38.905 | 0783 | - | Rel-17 | F | NR\_RF\_FR2\_req\_enh2-UEConTest | agreed |
| R5-233296 | Removal of mandatory status of GEA2 | Vodafone GmbH, Mediatek | 51.010-2 | 4411 | - | Rel-13 | F | TEI6\_Test | revised |
| R5-233450 | Removal of mandatory status of GEA2 | Vodafone GmbH, Mediatek | 51.010-2 | 4411 | 1 | Rel-13 | F | TEI6\_Test | agreed |

## Annex C: Lists of liaisons

### C1: Incoming liaison statements

10 incoming LSs at RAN5#99

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Original | Title | From | Decision | Reply TDoc |
| R5-232040 | C6-220684 | Reply LS from CT6 to review mandate of the implementation of UI/MMI features for Wearable form factor. | TSG WG CT6 | noted | (none) |
| R5-232041 | R4-2302693 | Reply LS on 15 dBm output power requirement for NS\_41 | TSG WG RAN4 | noted | (none) |
| R5-232042 | R4-2302981 | Reply LS to ETSI TC MSG/TFES on NR TRP and TRS requirements | TSG WG RAN4 | noted | (none) |
| R5-232043 | R4-2303632 | Reply LS on lower humidity limit in normal temperature test environment | TSG WG RAN4 | noted | (none) |
| R5-232044 | RP-230804 | Reply to LS to 3GPP on ECC request for standardisation support related to ECC Decision (22)07 on “harmonised framework on aerial UE usage in MFCN harmonised bands” | TSG RAN | noted | (none) |
| R5-232045 | S2-2303302 | LS Reply on ECC request for standardisation support related to ECC Decision (22)07 on “harmonised framework on aerial UE usage in MFCN harmonised bands” | TSG WG SA2 | noted | (none) |
| R5-232046 | R4-2306390 | Reply LS on FR2 RLM/BFD and beam sweeping from multiple directions | TSG WG RAN4 | noted | (none) |
| R5-232047 | R4-2306591 | LS on clarification of test configurations for CA/DC MSD requirements | TSG WG RAN4 | noted | (none) |
| R5-232048 | S-23-047r1 | Non-Support of Ciphering Algorithm GEA2 | GCF SG | noted | (none) |
| R5-232049 | TSGAP76\_004 | NR Bandwidth for OTA TRS testing | GSMA TSGAP | noted | (none) |

### C2: Outgoing liaison statements

4 outgoing LSs at RAN5#99, 3 email approved (in green)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document | Title | To | Cc | reply to i/c LS |
| R5-233361 | Response LS on Non-Support of Ciphering Algorithm GEA2 | GCF SG | TSG WG SA3, GCF CAG/FTAG, GSMA TSG, GSMA Fraud & Security Group, CTIA/PTCRB | R5-232048 (S-23-047r1) |
| R5-233668 | LS response on CA/DC MSD requirements | TSG WG RAN4 | - | R4-2306591 |
| R5-233669 | LS on additional UE gain parameters | TSG WG RAN4 | - | - |
| R5-233768 | LS on frequencyInfo for NR SL RSRP measurements | TSG WG RAN2 | - | - |
| R5-233670->3782 | LS on RRM test cases with testability issues | TSG WG RAN4 | - | - |
| R5-233671->3783 | LS on signal variance in FR2 multiple AoA tests | TSG WG RAN4 | - | - |
| R5-233672 | LS on clarifications for Non-Terrestrial Networks | TSG WG RAN4 | - | - |

## Annex D: List of agreed/approved new and revised Work Items

9 new WIDs were endorsed at RAN5#99, 4 revised WIDs

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Title | Source | new/revised |
| R5-233304 | New WID on UE Conformance - High-power UE operation for fixed-wireless/vehicle-mounted use cases in LTE bands and NR bands | Nokia, Nokia Shanghai Bell | WID new |
| R5-233305 | New WID on UE Conformance - High power UE (power class 2) for NR FR1 FDD single band | China Unicom | WID new |
| R5-233306 | New WID on UE Conformance - High power UE (power class 1.5) for NR FR1 TDD single band | CMCC, Huawei, HiSilicon | WID new |
| R5-233307 | New WID on UE Conformance - Rel-18 NR CA and DC; and NR and LTE DC Configurations | Huawei, HiSilicon, CMCC | WID new |
| R5-233308 | New WID on UE Conformance - New Rel-18 NR licensed bands and extension of existing NR bands | Huawei, HiSilicon, China Telecom | WID new |
| R5-233309 | New WID on UE Conformance - Rel-18 High Power UE for NR CA and DC; and NR and LTE DC Configurations | China Telecom | WID new |
| R5-233310 | New WID on UE Conformance - IMS voice service support and network usability guarantee for UE’s E-UTRA capability disabled scenario in 5GS | China Telecom | WID new |
| R5-233311 | New WID on UE Conformance - Rel-17 Power Class 2 UE for NR inter-band CA/DC with or without SUL configurations with x (6>=x>2) bands DL and y (y=1, 2) bands UL | Huawei, HiSilicon | WID new |
| R5-233312 | New WID for IMS Data Channel test | Huawei, Hisilicon | WID new |
| R5-232329 | Revised WID: UE Conformance - Introduction of LTE TDD band in 1670-1675 MHz | Ligado Networks | WID revised |
| R5-232421 | Revised WID on UE Conformance – R17 Enhancement of Private Network Support for NG-RAN including CT aspects | China Telecom | WID revised |
| R5-233498 | Revised WID - UE Conformance - UE RF requirements for Transparent Tx Diversity (TxD) for NR | Huawei, HiSilicon | WID revised |
| R5-233499 | Revised WID on UE Conformance - Rel-17 NR CA and DC; and NR and LTE DC Configurations | Huawei, HiSilicon | WID revised |

## Annex E: List of draft Technical Specifications and Reports

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Spec | vers | Doc title |
| R5-232821 | 36.521-4 | 0.2.0 | Draft TS 36.521-4 v0.2.0 |
| R5-232851 | 38.521-5 | 0.2.0 | Draft TS 38.521-5 version 0.2.0 |
| R5-233234 | 38.551 | 0.1.0 | Draft TS 38.551 v0.2.0 |
| R5-233241 | 38.561 | 0.2.0 | Draft TS 38.561 v0.3.0 |

## Annex F: List of action items

## SIG:

## Action Points at RAN5#99

| Action ID | sWG | Action | Responsible | Relevant Tdoc | Deadline | Status |
| --- | --- | --- | --- | --- | --- | --- |
| AP#99.01 | SIG | Review and update NRU test cases cell definition to indicate those cells are operating in unlicensed spectrum. Also review which terminology to be used – shared or unlicensed spectrum | Qualcomm | R5-233080 | RAN5#100 | Pending |
| AP#99.02 | SIG | Investigate the feasibility of a generic solution for intra-frequency multi-cells test cases, to prevent/mitigate the inter-cell PDCCH clash for SIB1 & Other SI. | MCC TF160, MediaTek, Huawei, Hisilicon, Anritsu | R5-233776 | RAN5#100 | Pending |

## Action Points at RAN5#98

| Action ID | sWG | Action | Responsible | Relevant Tdoc | Deadline | Status |
| --- | --- | --- | --- | --- | --- | --- |
| AP#98.01 | SIG | TF160 to liaise with ETSI TC MTS about TTCN Language update to address presence of non-used extension groups. Test Vendors to review impact on logging verification by test houses with removal of non-used extension groups in the common test environment definition alone. | TF160, CATT, Anritsu, Keysight, R&S, Ericsson | R5-231046 | RAN5#100 | Pending |
| AP#98.02 | SIG | Assess whether introduced UE behaviour that has been disallowed by GSMA PRD IR.92 since version 10 (2016) is in line with the general RAN5 handling of IR.92 features and versions | TF160, Keysight | R5-230876 | RAN5#99 | Closed  R5-232648 |

## RF:

## Action Points at RAN5#99

| **Action ID** | **sWG** | **Action** | **Responsible** | **Relevant Tdoc** | **Deadline** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| AP#99.21 | RF | Define MTSU for regulatory test cases (MOP, EIRP, TRP, Tx OFF power, Freq error, OBW, SEM, ACLR, Ref Sense, ACS, Inband Blocking, Tx/Rx Spurious emissions) for FR2 Band n259 | Anritsu, R&S, KEYS, DCM | R5-232983  R5-233174 | RAN5#102 | Open |

## Action Points at RAN5#98

| **Action ID** | **sWG** | **Action** | **Responsible** | **Relevant Tdoc** | **Deadline** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| AP#98.21 | RF | OEMs/Chipset Vendors to revisit the frequency range split concept, i.e., what is the frequency edge between harmonic and non-harmonic region and what is the antenna array assumption for the non-harmonic region | Qualcomm, Apple, Google, Huawei, MediaTek | R5-230203  R5-193688  R5-197496  R5-232627-30 | RAN5#99 | Closed |
| AP#98.22 | RF | Investigate whether UE shall meet the spurious emission requirement of new protected bands introduced in a later release | CAICT, Qualcomm, Apple | R5-230247  R5-232374,  R5-232380 | RAN5#100 | Open |
| AP#98.23 | RF | Analysis how to address Initial condition and call setup procedure to support NR/IOT NTN satellite access test | CMCC, Qualcomm, Google, MTK, R&S | R5-230425  R5-232745 R5-232819  R5-232513 | RAN5#100 | Open |

## Action Points at RAN5#97

| **Action ID** | **sWG** | **Action** | **Responsible** | **Relevant Tdoc** | **Deadline** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| AP#97.21 | RF | Derive MU for FR1 bands above 6GHz. Currently applicable to NR unlicensed band n96 but also to upcoming licensed bands e.g. n104 | R&S, KEYS, Anritsu, Ericsson, Qualcomm, Orange | R5-227928  R5-230317  R5-230308  R5-230309  R5-230310  R5-232342-45 | RAN5#100 | Open |
| AP#97.25 | RF | Investigate and come up with testability proposal to ensure 1x2 channel in FR2 RRM tests is achieved with UE receiving signal power on both its Rx branches | Keysight, R&S, Anritsu, Qualcomm | R5-226658  R5-230934  R5-232673 | RAN5#100 | Open |
| AP#97.26 | RF | Investigate if for a UE indicating the feature ul-FullPwrMode-r16 or ul-FullPwrMode2-TPMIGroup-r16 and configured according to Table 6.2D.1-3 in 38.101-1, shall the UE meet the maximum output power requirement in clause 6.2 for at least one antenna connector? | Google, Huawei, Ericsson, Orange, Apple, Qualcomm, CMCC | R5-228052 | RAN5#100 | Open |
| AP#97.27 | RF | Update on-on transient period 6.4.2.1a in TS38.521-1 to address issues identified in R5-226794 | Anritsu, Qualcomm, Ericsson, R&S, Apple | R5-226794  R5-230058  R5-230217  R5-230218  R5-232987 | RAN5#100 | Open |
| AP#97.28 | RF | Further study the method of checking UE’s supporting TxD could report the capability IEs correctly | Huawei, CMCC, KEYS, R&S, Orange | R5-227875  R5-232725 | RAN5#99 | Closed |

## Action Points at RAN5#96-e

| **Action ID** | **sWG** | **Action** | **Responsible** | **Relevant Tdoc** | **Deadline** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| AP#96e.21 | RF | Study whether the testability issue in FR2 relative power tolerance could be solved considering  a) RAN4 is not updating the core specification  b) The test method proposed by RAN4 LS R5-223920 | E///, Huawei, Qualcomm, R&S, KEYS, Anritsu | R5-217557 (R&S discussion at RAN5#93 meeting showing the difficulty in testing)  R5-223920 (LS from RAN4)  R5-233222 | RAN5#100 | Open |
| AP#96e.27 | RF | Include an updated list of FR2 test cases requiring relaxations as part of ‘FR2 Enhanced Test Methods’ Work Plan | Apple, KEYS, R&S, Orange | R5-225220, R5-225222  R5-226531  R5-231375  R5-230219  R5-233258/9  R5-232986 | RAN5#99 | Closed |
| AP#96e.31 | RF | Update all CA RefSens exception test cases, incl. relevant TP analysis if needed, with the new MSD table formats introduced in 38.101-1 v17.6.0 for Reference sensitivity exceptions due to UL harmonic interference for CA | DISH, VzW, E///, Qualcomm | R5-224363  R5-230251  R5232242/3 | RAN5#100 | Open |

## Action Points at RAN5#95-e

| **Action ID** | **sWG** | **Action** | **Responsible** | **Relevant Tdoc** | **Deadline** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| AP#95e.22 | RF | Revisit SNR uncertainty and/or test time based on extra simulation results for 1% residual BLER test cases, FDD 2Rx (5.2.2.1.6/14) | Huawei, E///, Qualcomm, Orange | R5-222891 | RAN5#100 | Open |
| AP#95e.23 | RF | Evaluate the applicability of FDD 2Rx Test SNR uncertainty and test time simulation to Tests in clauses   * TDD 2Rx (5.2.2.2.6/14) * FDD 4Rx (5.2.3.1.6/14) * TDD 4Rx (5.2.3.2.6/14) | Huawei, E///, Qualcomm, Orange | R5-222891 | RAN5#100 | Open |

## 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 R5-222557  R5-223217  R5-225220  R5-226531  R5-227104  R5-233258 | RAN5#99 | Closed |

## Annex G: List of decisions

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Meeting/Number | Agenda item | Document | Details |  |  |

## Annex H: List of participants

178 delegates and officials attended the RAN5#99 meeting.

|  |  |  |  |  |
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## Annex I: List of future meetings

