**Third Generation Partnership Project (3GPP™)**

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for  
TSG RAN WG4  
meeting: 98-e**

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## 1 Opening of the E-meeting

The Chairman Steven Chen (Apple) opened the meeting on RAN4 reflector on 25/01/2021.

**Intellectual Property Rights Policy**

The attention of the delegates to the meeting of this Technical Specification Group was drawn to the fact that 3GPP Individual Members have the obligation under the IPR Policies of their respective Organizational Partners to inform their respective Organizational Partners of Essential IPRs they become aware of.

The delegates were asked to take note that they were 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.

**Statement regarding competition law**

The attention of the delegates to the meeting was drawn to the fact that 3GPP activities were subject to all applicable antitrust and competition laws and that compliance with said laws was therefore required by any participant of the meeting, including the Chairman and Vice-Chairmen and were invited to seek any clarification needed with their legal counsel. The leadership would conduct the present meeting with impartiality and in the interests of 3GPP. Delegates were reminded that timely submission of work items in advance of TSG/WG meetings was important to allow for full and fair consideration of such matters.

**Meeting Arrangements**

The meeting was conducted on three parallel sessions; Main session, RRM session and BS RF Test Demod session. The Main session was chaired by RAN4 Chairman Steven Chen (Apple), RRM session was chaired by RAN4 Vice Chairman Andrey Chervyakov (Intel) and BS RF Test Demod session was chaired by RAN4 ViceChairman Haijie Qiu (Samsung). The sessions were further broken down into separate email threads to address specific technical topics lead by assigned discussion moderators. Webinar sessions were used to summarize progress, resolve controversial issues and decide way forward.

## 2 Approval of the agenda

[**R4-2100001**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100001.zip) **Agenda for RAN4 #98-e**

*Type: agenda For: Approval  
 Source: RAN4 Chairman (Apple)*

**Discussion:**

[report of discussion]

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

[**R4-2100002**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100002.zip) **RAN4#98-e E-meeting Arrangements and Guidelines**

*Type: other For: Approval  
 Source: RAN4 Chairman (Apple)*

**Discussion:**

[report of discussion]

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

[**R4-2100003**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100003.zip) **RAN4#97-e Meeting Report**

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

**Discussion:**

[report of discussion]

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

## 3 Letters / reports from other groups / meetings

[**R4-2100004**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100004.zip) **Test methods for over-the-air TRP field measurements of unwanted emissions from IMT radio equipment utilizing active antennas**

*Type: LS in For: Information  
 Original outgoing LS: -, to -, cc -  
 Source: ITU Radiocommunication Study Groups Working Party 1C*

**Discussion:**

[report of discussion]

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

[**R4-2100005**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100005.zip) **LS on updated Rel-16 RAN1 UE features lists for LTE**

*Type: LS in For: Information  
 Original outgoing LS: R1-2009351, to RAN2, cc RAN4  
 Source: RAN1*

**Discussion:**

[report of discussion]

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

[**R4-2100006**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100006.zip) **Reply LS on definition of NR V2X con-current operation**

*Type: LS in For: Information  
 Original outgoing LS: R1-2009491, to RAN4, cc RAN2  
 Source: RAN1*

**Discussion:**

[report of discussion]

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

[**R4-2100007**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100007.zip) **LS reply on cell-grouping UE capability for synchronous NR-DC**

*Type: LS in For: Information  
 Original outgoing LS: R1-2009570, to RAN2, cc RAN4  
 Source: RAN1*

**Discussion:**

[report of discussion]

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

[**R4-2100008**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100008.zip) **Reply LS on DCI-based multiple BWP switch simultaneously**

*Type: LS in For: Information  
 Original outgoing LS: R1-2009575, to RAN4, cc -  
 Source: RAN1*

**Discussion:**

[report of discussion]

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

[**R4-2100009**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100009.zip) **Reply LS on UE capability xDD differentiation for SUL/SDL bands**

*Type: LS in For: Information  
 Original outgoing LS: R1-2009576, to RAN2, cc -  
 Source: RAN1*

**Discussion:**

[report of discussion]

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

[**R4-2100010**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100010.zip) **LS on updated Rel-16 RAN1 UE features lists for NR**

*Type: LS in For: Information  
 Original outgoing LS: R1-2009586, to RAN2, RAN4, cc -  
 Source: RAN1*

**Discussion:**

[report of discussion]

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

[**R4-2100011**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100011.zip) **Reply LS on UE capability for V2X**

*Type: LS in For: Information  
 Original outgoing LS: R1-2009635, to RAN2, cc RAN4  
 Source: RAN1*

**Discussion:**

[report of discussion]

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

[**R4-2100012**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100012.zip) **LS on uplink Tx switching**

*Type: LS in For: Information  
 Original outgoing LS: R1-2009676, to RAN2, cc RAN4  
 Source: RAN1*

**Discussion:**

[report of discussion]

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

[**R4-2100013**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100013.zip) **Reply LS on Clarification of UE behavior after receiving the MAC CE deactivation command for semi-persistent CSI reporting in NR-U**

*Type: LS in For: Information  
 Original outgoing LS: R1-2009689, to RAN4, cc -  
 Source: RAN1*

**Discussion:**

[report of discussion]

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

[**R4-2100014**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100014.zip) **LS on PUCCH and PUSCH repetition**

*Type: LS in For: Information  
 Original outgoing LS: R1-2009784, to RAN4, cc -  
 Source: RAN1*

**Discussion:**

[report of discussion]

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

[**R4-2100015**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100015.zip) **LS on temporary RS for efficient SCell activation in NR CA**

*Type: LS in For: Information  
 Original outgoing LS: R1-2009798, to RAN4, cc -  
 Source: RAN1*

**Discussion:**

[report of discussion]

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

[**R4-2100016**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100016.zip) **LS on Beam switching gaps for Multi-TRP UL transmission**

*Type: LS in For: Information  
 Original outgoing LS: R1-2009807, to RAN4, cc -  
 Source: RAN1*

**Discussion:**

[report of discussion]

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

[**R4-2100017**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100017.zip) **Reply LS on power control for NR-DC**

*Type: LS in For: Information  
 Original outgoing LS: R2-2011246, to RAN4, cc RAN1  
 Source: RAN2*

**Discussion:**

[report of discussion]

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

[**R4-2100018**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100018.zip) **LS on support of NUL and SUL during DAPS handover**

*Type: LS in For: Information  
 Original outgoing LS: R1-2009682, to RAN2, cc RAN4  
 Source: RAN1*

**Discussion:**

[report of discussion]

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

[**R4-2100019**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100019.zip) **Reply LS on IAB-MT feature list**

*Type: LS in For: Information  
 Original outgoing LS: R2-2011273, to RAN4, cc -  
 Source: RAN2*

**Discussion:**

[report of discussion]

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

[**R4-2100020**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100020.zip) **LS on ambiguity in deciding TL,C**

*Type: LS in For: Information  
 Original outgoing LS: R5-206676, to RAN4, cc -  
 Source: RAN5*

**Discussion:**

[report of discussion]

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

[**R4-2100021**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100021.zip) **LS on Frequency Bands for testing of A-GNSS Sensitivity requirements in NR and LTE**

*Type: LS in For: Information  
 Original outgoing LS: R5-206900, to RAN4, cc PTCRB, PVG, GCF CAG, CTIA OTA Working Group  
 Source: RAN5*

**Discussion:**

[report of discussion]

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

[**R4-2100022**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100022.zip) **Use of the 252-296 GHz frequency range by land-mobile service applications**

*Type: LS in For: Information  
 Original outgoing LS: -, to RAN4, cc -  
 Source: ITU-R WP 5A*

**Discussion:**

[report of discussion]

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

[**R4-2100023**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100023.zip) **LS on single UL operation**

*Type: LS in For: Information  
 Original outgoing LS: RP-202932, to RAN2. RAN4, cc -  
 Source: RAN*

**Discussion:**

[report of discussion]

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

[**R4-2100024**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100024.zip) **Reply LS to APT\_LS200918 = RP-202143 on Frequency Arrangements for IMT in the Band 470- 703 MHz**

*Type: LS in For: Information  
 Original outgoing LS: RP-202934, to Asia-Pacific Telecommunity (APT) Wireless Group, cc RAN4  
 Source: RAN*

**Discussion:**

[report of discussion]

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

[**R4-2100025**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100025.zip) **LS on BCS reporting and support for intra-band EN-DC band combinations**

*Type: LS in For: Information  
 Original outgoing LS: RP-202935, to RAN2, RAN4, cc -  
 Source: RAN*

**Discussion:**

[report of discussion]

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

[**R4-2100026**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100026.zip) **LS on Use of Inclusive Language in 3GPP**

*Type: LS in For: Information  
 Original outgoing LS: SP-201143, to RAN4, cc -  
 Source: SA*

**Discussion:**

[report of discussion]

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

[**R4-2100027**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100027.zip) **LS on OTA LTE UE TRP and TRS Requirements**

*Type: LS in For: Information  
 Original outgoing LS: -, to RAN, GCF Steering Group (SG), GSMA, NGMN, PTCRB, CTIA, cc RAN5, RAN4, GCF Conformance Agreement Group (CAG), GCF Performance Agreement Group (PAG), GSMA Terminal Steering Group (TSG), GSMA Networks Group (NG)  
 Source: MSG TFES*

**Discussion:**

[report of discussion]

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

[**R4-2100028**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100028.zip) **Reply LS on questions to RAN WGs on dual Radio UE (2Rx/2Tx or 2Rx/1Tx) support for simultaneous communication with both SNPN and PLMN**

*Type: other For: Information  
 Source: RAN2*

**Discussion:**

[report of discussion]

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

## 4 Rel-15 New radio access technology

### 4.1 System Parameters Maintenance [NR\_newRAT-Core]

**R4-2102949 Email discussion summary for [98e][101] NR\_NewRAT\_SysParameters**

*Type: other For: Information  
 Source: Moderator (ZTE)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2102197**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102197.zip) **CR to TS38.101-1: Correction on the Aggregated Channel Bandwidth**

*Type: CR For: Agreement  
 38.101-1 v15.12.0 CR-0675 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102198**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102198.zip) **CR to TS38.101-1: Correction on the Aggregated Channel Bandwidth**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0676 Cat: A (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102199**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102199.zip) **CR to TS38.101-1: Correction on the Aggregated Channel Bandwidth**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0677 Cat: A (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102200**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102200.zip) **CR to TS38.104: Correction on the Aggregated Channel Bandwidth**

*Type: CR For: Agreement  
 38.104 v15.12.0 CR-0292 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102201**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102201.zip) **CR to TS38.104: Correction on the Aggregated Channel Bandwidth**

*Type: CR For: Agreement  
 38.104 v16.6.0 CR-0293 Cat: A (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102202**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102202.zip) **CR to TS38.104: Correction on the Aggregated Channel Bandwidth**

*Type: CR For: Agreement  
 38.104 v17.0.0 CR-0294 Cat: A (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

### 4.2 UE RF requirements maintenance [NR\_newRAT]

#### 4.2.1 [FR1] Maintenance for 38.101-1 [NR\_newRAT-Core]

**R4-2102950 Email discussion summary for [98e][102] NR\_NewRAT\_UE\_RF\_Part\_1**

*Type: other For: Information  
 Source: Moderator (Nokia)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100138**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100138.zip) **Reply LS on ambiguity in deciding TL,C**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

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

[**R4-2100139**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100139.zip) **CR REL15 on ambiguity in deciding TL,C**

*Type: CR For: Agreement  
 38.101-1 v15.12.0 CR-0595 Cat: F (Rel-15)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

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

[**R4-2100140**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100140.zip) **CR REL16 on ambiguity in deciding TL,C**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0596 Cat: A (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

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

[**R4-2100141**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100141.zip) **CR REL17 on ambiguity in deciding TL,C**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0597 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

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

[**R4-2100164**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100164.zip) **IBE\_mask\_almost\_contiguous\_CR\_rel15**

*Type: CR For: Agreement  
 38.101-1 v15.12.0 CR-0602 Cat: F (Rel-15)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2100165**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100165.zip) **IBE\_mask\_almost\_contiguous\_CR\_rel16-mirror**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0603 Cat: A (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2100392**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100392.zip) **CR for TS38 101-1 Rel-15 Correction for definition of P-MPR**

*Type: CR For: Agreement  
 38.101-1 v15.12.0 CR-0610 Cat: F (Rel-15)  
  
 Source: CATT*

**Discussion:**

[report of discussion]

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

[**R4-2100393**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100393.zip) **CR for TS38 101-1 Rel-16 Correction for definition of P-MPR**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0611 Cat: A (Rel-16)  
  
 Source: CATT*

**Discussion:**

[report of discussion]

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

[**R4-2100394**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100394.zip) **CR for TS38 101-1 Rel-17 Correction for definition of P-MPR**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0612 Cat: A (Rel-17)  
  
 Source: CATT*

**Discussion:**

[report of discussion]

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

[**R4-2100395**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100395.zip) **CR for TS38 101-1 Rel-16 Correction of condition for MPR and delta MPR**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0613 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

[report of discussion]

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

[**R4-2100396**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100396.zip) **CR for TS38 101-1 Rel-17 Correction of condition for MPR and delta MPR**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0614 Cat: A (Rel-17)  
  
 Source: CATT*

**Discussion:**

[report of discussion]

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

[**R4-2100524**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100524.zip) **On simultaneous TxRx for NR-DC**

*Type: discussion For: Discussion  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

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

[**R4-2101005**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101005.zip) **On applicability of additional emission requirement to CA/DC**

*Type: other For: Approval  
 38.101-1 v..  
 Source: SoftBank Corp.*

**Abstract:**

This contribution is intended to propose how to handle additional emission requirements in CA/DC context. Note that a part of proposals is related to 38.101-3

**Discussion:**

[report of discussion]

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

[**R4-2101174**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101174.zip) **IBE mask for almost contiguous allocations**

*Type: other For: Approval  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2101713**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101713.zip) **Correction to applicability of simultaneous RX/TX**

*Type: CR For: Agreement  
 38.101-1 v15.12.0 CR-0643 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Abstract:**

CR to correct the applicability of simultaneous RxTx for inter-band CA

**Discussion:**

[report of discussion]

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

[**R4-2101714**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101714.zip) **Correction to applicability of simultaneous RX/TX**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0644 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

CR to correct the applicability of simultaneous RxTx for inter-band CA

**Discussion:**

[report of discussion]

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

[**R4-2101715**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101715.zip) **Correction to the lower limit of Pumax**

*Type: CR For: Agreement  
 38.101-1 v15.12.0 CR-0645 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Abstract:**

CR to correct the lower limit (tolerance) of Pumax

**Discussion:**

[report of discussion]

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

[**R4-2101716**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101716.zip) **Correction to the lower limit of Pumax**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0646 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

CR to correct the lower limit (tolerance) of Pumax

**Discussion:**

[report of discussion]

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

[**R4-2101717**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101717.zip) **Draft Reply LS on ambiguity in deciding TL,C**

*Type: LS out For: Approval  
 to RAN5  
 Source: Ericsson*

**Abstract:**

Draft Reply LS to RAN5 with proposals to modify the lower limit of the Pumax

**Discussion:**

[report of discussion]

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

[**R4-2101743**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101743.zip) **CR on simultaneous Tx-Rx for CA and SUL**

*Type: CR For: Agreement  
 38.101-1 v15.12.0 CR-0649 Cat: F (Rel-15)  
  
 Source: OPPO*

**Discussion:**

[report of discussion]

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

[**R4-2101744**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101744.zip) **CR on simultaneous Tx-Rx for CA and SUL (R16 mirror CR)**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0650 Cat: A (Rel-16)  
  
 Source: OPPO*

**Discussion:**

[report of discussion]

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

[**R4-2101745**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101745.zip) **CR on simultaneous Tx-Rx for CA and SUL (R17 mirror CR)**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0651 Cat: A (Rel-17)  
  
 Source: OPPO*

**Discussion:**

[report of discussion]

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

[**R4-2101811**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101811.zip) **Discussion and reply draft LS on ambiguity in deciding TL,C**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101947**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101947.zip) **Simplification of n70**

*Type: CR For: Agreement  
 38.101-1 v15.12.0 CR-0661 Cat: F (Rel-15)  
  
 Source: Dish Network*

**Discussion:**

[report of discussion]

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

[**R4-2101988**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101988.zip) **Simplification of n70**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0664 Cat: A (Rel-16)  
  
 Source: Dish Network*

**Discussion:**

[report of discussion]

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

[**R4-2101989**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101989.zip) **CR for 38.307 to delete the redundant information "duplex mode" for band combinations(Rel-15)**

*Type: CR For: Agreement  
 38.307 v15.7.0 CR-0052 Cat: F (Rel-15)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101990**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101990.zip) **CR for 38.307 to delete the redundant information "duplex mode" for band combinations(Rel-16)**

*Type: CR For: Agreement  
 38.307 v16.5.0 CR-0053 Cat: A (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101991**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101991.zip) **CR for 38.307 to delete the redundant information "duplex mode" for band combinations(Rel-17)**

*Type: CR For: Agreement  
 38.307 v17.0.0 CR-0054 Cat: A (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101992**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101992.zip) **Simplification of n70**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0665 Cat: A (Rel-17)  
  
 Source: Dish Network*

**Discussion:**

[report of discussion]

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

[**R4-2102091**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102091.zip) **Improvement of UL RMC tables**

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

**Discussion:**

[report of discussion]

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

[**R4-2102143**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102143.zip) **CR to TS38.101-1: Correction on applicability of minimum requirements**

*Type: CR For: Agreement  
 38.101-1 v15.12.0 CR-0667 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102194**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102194.zip) **CR to TS38.101-1: Correction on applicability of minimum requirements**

*Type: CR For: Agreement  
 38.101-1 v15.12.0 CR-0672 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102195**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102195.zip) **CR to TS38.101-1: Correction on applicability of minimum requirements**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0673 Cat: A (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102196**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102196.zip) **CR to TS38.101-1: Correction on applicability of minimum requirements**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0674 Cat: A (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102376**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102376.zip) **CR for TS 38.101-1 correction CR for simultaneous TxRx operation (R15)**

*Type: CR For: Agreement  
 38.101-1 v15.12.0 CR-0682 Cat: F (Rel-15)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102377**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102377.zip) **CR for TS 38.101-1: correction CR for simultaneous Tx/Rx operation (R16)**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0683 Cat: A (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102703**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102703.zip) **CR for TS 38.101-1: correction CR for simultaneous Tx/Rx operation (R17)**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0712 Cat: A (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102510**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102510.zip) **IBE requirement for almost contiguous allocations**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0693 Cat: A (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2102595**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102595.zip) **CR for TS 38.101-1: Cleanup for spurious emissions for UE co-existence table**

*Type: CR For: Agreement  
 38.101-1 v15.12.0 CR-0696 Cat: F (Rel-15)  
  
 Source: Apple*

**Discussion:**

[report of discussion]

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

[**R4-2102597**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102597.zip) **CR for TS 38.101-1: Correction to FR1 time mask for SRS antenna switching**

*Type: CR For: Agreement  
 38.101-1 v15.12.0 CR-0697 Cat: F (Rel-15)  
  
 Source: Apple*

**Discussion:**

[report of discussion]

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

[**R4-2102598**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102598.zip) **CR for TS 38.101-1: Correction to FR1 time mask for SRS antenna switching**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0698 Cat: A (Rel-16)  
  
 Source: Apple*

**Discussion:**

[report of discussion]

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

[**R4-2102599**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102599.zip) **CR for TS 38.101-1: Correction to FR1 time mask for SRS antenna switching**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0699 Cat: A (Rel-17)  
  
 Source: Apple*

**Discussion:**

[report of discussion]

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

[**R4-2102658**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102658.zip) **CR to 38.101-1: UL MIMO requirements update**

*Type: CR For: Agreement  
 38.101-1 v15.12.0 CR-0705 Cat: F (Rel-15)  
  
 Source: Qualcomm Incorporated, Lenovo, Motorola Mobility*

**Abstract:**

Make 2L EVM requirement consistent with RAN1

**Discussion:**

[report of discussion]

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

[**R4-2102659**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102659.zip) **CR to 38.101-1: UL MIMO requirements update**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0706 Cat: A (Rel-16)  
  
 Source: Qualcomm Incorporated, Lenovo, Motorola Mobility*

**Abstract:**

Make 2L EVM requirement consistent with RAN1

**Discussion:**

[report of discussion]

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

[**R4-2102660**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102660.zip) **CR to 38.101-1: UL MIMO requirements update**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0707 Cat: A (Rel-17)  
  
 Source: Qualcomm Incorporated, Lenovo, Motorola Mobility*

**Abstract:**

Make 2L EVM requirement consistent with RAN1

**Discussion:**

[report of discussion]

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

[**R4-2102661**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102661.zip) **On FR1 2L UL EVM Requirement**

*Type: discussion For: Agreement  
 Source: Qualcomm Incorporated, Lenovo, Motorola Mobility*

**Abstract:**

2L EVM calculation detail, impact to other tests in transmit modulation quality section

**Discussion:**

[report of discussion]

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

#### 4.2.2 [FR2] Maintenance for 38.101-2 [NR\_newRAT-Core]

**R4-2102951 Email discussion summary for [98e][103] NR\_NewRAT\_UE\_RF\_Part\_2**

*Type: other For: Information  
 Source: Moderator (Apple)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100085**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100085.zip) **Clarification on NS\_203 support by n258**

*Type: CR For: Agreement  
 38.101-2 v15.12.0 CR-0313 Cat: F (Rel-15)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Clarification on NS\_203 support by n258

**Discussion:**

[report of discussion]

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

[**R4-2100086**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100086.zip) **Clarification on NS\_203 support by n258**

*Type: CR For: Agreement  
 38.101-2 v16.6.0 CR-0314 Cat: A (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

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

[**R4-2100087**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100087.zip) **Clarification on NS\_203 support by n258**

*Type: CR For: Agreement  
 38.101-2 v17.0.0 CR-0315 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

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

[**R4-2100109**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100109.zip) **On NS\_203/CA\_NS\_203 for n258**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

This contribution discusses necessity of explicitly describing this information in the specification.

**Discussion:**

[report of discussion]

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

[**R4-2100586**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100586.zip) **P\_min correction and P\_cmax CA correction to apply from all cells**

*Type: CR For: Agreement  
 38.101-2 v15.12.0 CR-0320 Cat: F (Rel-15)  
  
 Source: Qualcomm Incorporated*

**Abstract:**

Change "each cell" to "all cells" since pcmax is calculated based on all simultaneous grants from all allocated CC's.

**Discussion:**

[report of discussion]

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

[**R4-2100587**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100587.zip) **P\_min correction and P\_cmax CA correction to apply from all cells**

*Type: CR For: Agreement  
 38.101-2 v16.6.0 CR-0321 Cat: A (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Abstract:**

Change "each cell" to "all cells" since pcmax is calculated based on all simultaneous grants from all allocated CC's.

**Discussion:**

[report of discussion]

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

[**R4-2100588**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100588.zip) **P\_min correction and P\_cmax CA correction to apply from all cells**

*Type: CR For: Agreement  
 38.101-2 v17.0.0 CR-0322 Cat: A (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Abstract:**

Change "each cell" to "all cells" since pcmax is calculated based on all simultaneous grants from all allocated CC's.

**Discussion:**

[report of discussion]

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

[**R4-2101201**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101201.zip) **Further discussion on EESS protection**

*Type: other For: Approval  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101523**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101523.zip) **Discussion on WRC-19 remaining issues**

*Type: discussion For: Approval  
 Source: OPPO*

**Discussion:**

[report of discussion]

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

[**R4-2101738**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101738.zip) **Discussion on FR2 equal PSD in CA and draft LS**

*Type: discussion For: Approval  
 Source: OPPO*

**Discussion:**

[report of discussion]

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

[**R4-2101739**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101739.zip) **CR on FR2 equal PSD in UL CA**

*Type: CR For: Agreement  
 38.101-2 v15.12.0 CR-0329 Cat: F (Rel-15)  
  
 Source: OPPO*

**Discussion:**

[report of discussion]

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

[**R4-2101740**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101740.zip) **CR on FR2 equal PSD in UL CA (R16 mirror CR)**

*Type: CR For: Agreement  
 38.101-2 v16.6.0 CR-0330 Cat: A (Rel-16)  
  
 Source: OPPO*

**Discussion:**

[report of discussion]

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

[**R4-2101741**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101741.zip) **CR on FR2 equal PSD in UL CA (R17 mirror CR)**

*Type: CR For: Agreement  
 38.101-2 v17.0.0 CR-0331 Cat: A (Rel-17)  
  
 Source: OPPO*

**Discussion:**

[report of discussion]

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

[**R4-2102662**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102662.zip) **Discussion on FR2 UE Min. Output Power Requirement**

*Type: discussion For: Agreement  
 Source: Qualcomm Finland RFFE Oy*

**Abstract:**

Establish consistency in Pmin specs across single CC, CA and UL MIMO configurations

**Discussion:**

[report of discussion]

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

[**R4-2102663**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102663.zip) **Completion of beam correspondence requirements for all power classes**

*Type: discussion For: Agreement  
 Source: Qualcomm Finland RFFE Oy*

**Abstract:**

The beam correspondence requirement for partial beam correspondence UEs (‘bit 0 UE’) was completed for PC3 UEs as part of Rel-15 work. We propose completing the requirement by addressing the other power classes

**Discussion:**

[report of discussion]

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

[**R4-2102664**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102664.zip) **CR to 38.101-2 on beam correspondence**

*Type: CR For: Agreement  
 38.101-2 v15.12.0 CR-0335 Cat: F (Rel-15)  
  
 Source: Qualcomm, Nokia, Nokia Shanghai Bell, Samsung, Verizon, NTT Docomo, Sony, Ericsson*

**Abstract:**

Completion of missing requirements

**Discussion:**

[report of discussion]

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

[**R4-2102665**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102665.zip) **CR to 38.101-2 on beam correspondence**

*Type: CR For: Agreement  
 38.101-2 v16.6.0 CR-0336 Cat: A (Rel-16)  
  
 Source: Qualcomm, Nokia, Nokia Shanghai Bell, Samsung, Verizon, NTT Docomo, Sony, Ericsson*

**Abstract:**

Completion of missing requirements

**Discussion:**

[report of discussion]

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

[**R4-2102666**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102666.zip) **CR to 38.101-2 on beam correspondence**

*Type: CR For: Agreement  
 38.101-2 v17.0.0 CR-0337 Cat: A (Rel-17)  
  
 Source: Qualcomm, Nokia, Nokia Shanghai Bell, Samsung, Verizon, NTT Docomo, Sony, Ericsson*

**Abstract:**

Completion of missing requirements

**Discussion:**

[report of discussion]

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

[**R4-2102677**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102677.zip) **Frequency separation class clarification**

*Type: CR For: Agreement  
 38.101-2 v16.6.0 CR-0341 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

This paper is an alignement with the Freq separation class signalling in TS38.331

**Discussion:**

[report of discussion]

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

[**R4-2102678**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102678.zip) **Frequency separation class clarification**

*Type: CR For: Agreement  
 38.101-2 v17.0.0 CR-0342 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

This paper is an alignement with the Freq separation class signalling in TS38.331

**Discussion:**

[report of discussion]

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

[**R4-2102716**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102716.zip) **CR on FR2 intra-band UL CA**

*Type: CR For: Agreement  
 38.101-2 v15.12.0 CR-0343 Cat: F (Rel-15)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102815**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102815.zip) **CR on FR2 intra-band UL CA**

*Type: CR For: Agreement  
 38.101-2 v16.6.0 CR-0345 Cat: A (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102924**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102924.zip) **Discussion on FR2 UE Min. Output Power Requirement**

*Type: discussion For: Agreement  
 Source: Qualcomm Incorporated*

**Abstract:**

Establish consistency in Pmin specs across single CC, CA and UL MIMO configurations

**Discussion:**

[report of discussion]

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

[**R4-2102925**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102925.zip) **Completion of beam correspondence requirements for all power classes**

*Type: discussion For: Agreement  
 Source: Qualcomm Incorporated*

**Abstract:**

The beam correspondence requirement for partial beam correspondence UEs (‘bit 0 UE’) was completed for PC3 UEs as part of Rel-15 work. We propose completing the requirement by addressing the other power classes

**Discussion:**

[report of discussion]

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

#### 4.2.3 Maintenance for 38.101-3 [NR\_newRAT-Core]

**R4-2102952 Email discussion summary for [98e][104] NR\_NewRAT\_UE\_RF\_Part\_3**

*Type: other For: Information  
 Source: Moderator (Huawei)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2101111**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101111.zip) **Discussion and reply draft LS on BCS reporting and support for intra-band EN-DC band combinations**

*Type: discussion For: Approval  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

**Decision:** The document was **revised to** [**R4-2102937**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102937.zip).

[**R4-2102937**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102937.zip) **Discussion and reply draft LS on BCS reporting and support for intra-band EN-DC band combinations**

*Type: discussion For: Approval  
 Source: Xiaomi*

(Replaces [R4-2101111](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101111.zip))

**Discussion:**

[report of discussion]

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

[**R4-2101143**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101143.zip) **Discussion on the reply to LS on BCS for intra-band EN-DC band combinations**

*Type: discussion For: Discussion  
 Source: MediaTek inc.*

**Discussion:**

[report of discussion]

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

[**R4-2101718**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101718.zip) **Correction to applicability of simultaneous RX/TX and single-UL transmission**

*Type: CR For: Agreement  
 38.101-3 v15.12.0 CR-0461 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Abstract:**

CR to correct the applicability of simultaneous RxTx for inter-band EN-DC and single-UL

**Discussion:**

[report of discussion]

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

[**R4-2101719**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101719.zip) **Correction to applicability of simultaneous RX/TX and single-UL transmission**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0462 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

CR to correct the applicability of simultaneous RxTx for inter-band EN-DC and single-UL

**Discussion:**

[report of discussion]

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

[**R4-2101742**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101742.zip) **Discussion on simultaneous Tx-Rx**

*Type: discussion For: Approval  
 Source: OPPO*

**Discussion:**

[report of discussion]

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

[**R4-2101746**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101746.zip) **CR on simultaneous Tx-Rx for EN-DC**

*Type: CR For: Agreement  
 38.101-3 v15.12.0 CR-0464 Cat: F (Rel-15)  
  
 Source: OPPO*

**Discussion:**

[report of discussion]

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

[**R4-2101747**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101747.zip) **CR on simultaneous Tx-Rx for EN-DC (R16 CR)**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0465 Cat: F (Rel-16)  
  
 Source: OPPO*

**Discussion:**

[report of discussion]

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

[**R4-2101748**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101748.zip) **CR on simultaneous Tx-Rx for EN-DC (R17 mirror CR)**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0466 Cat: A (Rel-17)  
  
 Source: OPPO*

**Discussion:**

[report of discussion]

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

[**R4-2101750**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101750.zip) **Discussion on BCS for intra-band EN-DC and draft reply LS**

*Type: discussion For: Approval  
 Source: OPPO*

**Discussion:**

[report of discussion]

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

[**R4-2101853**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101853.zip) **Draft reply LS on on BCS reporting and support for intra-band EN-DC band combinations**

*Type: LS out For: Approval  
 to RAN2, cc RANP  
 Source: ZTE Wistron Telecom AB*

**Discussion:**

[report of discussion]

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

[**R4-2102094**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102094.zip) **CR for 38.101-3 to introduce a new MSD due to the counter intermodulation interference(Rel-15)**

*Type: CR For: Agreement  
 38.101-3 v15.12.0 CR-0474 Cat: F (Rel-15)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102095**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102095.zip) **CR for 38.101-3 to introduce a new MSD due to the counter intermodulation interference(Rel-16)**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0475 Cat: A (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102096**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102096.zip) **CR for 38.101-3 to introduce a new MSD due to the counter intermodulation interference(Rel-17)**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0476 Cat: A (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102375**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102375.zip) **Further consideration on simultaneous RxTx UE capability**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102378**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102378.zip) **CR for TS 38.101-3 correction CR for simultaneous TxRx operation (R15)**

*Type: CR For: Agreement  
 38.101-1 v15.12.0 CR-0684 Cat: F (Rel-15)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102379**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102379.zip) **CR for TS 38.101-3: correction CR for simultaneous Tx/Rx operation (R16)**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0481 Cat: A (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102717**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102717.zip) **CR for TS 38.101-3: correction CR for simultaneous Tx/Rx operation (R17)**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0494 Cat: A (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102504**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102504.zip) **BCS reporting and support for intra-band EN-DC band combination**

*Type: discussion For: (not specified)  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2102505**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102505.zip) **CR for 38.101-3 on applicability of minimum requirements for EN-DC (Rel-15)**

*Type: CR For: Agreement  
 38.101-3 v15.12.0 CR-0489 Cat: F (Rel-15)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2102506**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102506.zip) **CR for 38.101-3 on applicability of minimum requirements for EN-DC (Rel-16)**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0490 Cat: A (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2102507**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102507.zip) **CR for 38.101-3 on applicability of minimum requirements for EN-DC (Rel-17)**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0491 Cat: A (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2102559**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102559.zip) **Clarification of intra-bandENDC-Support**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

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

[**R4-2102593**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102593.zip) **CR for bug fixing of band combination tables for 38101-3 Rel17**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0492 Cat: F (Rel-17)  
  
 Source: Apple*

**Discussion:**

[report of discussion]

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

[**R4-2102594**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102594.zip) **CR for bug fixing of band combination tables for 38101-3 Rel16**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0493 Cat: F (Rel-16)  
  
 Source: Apple*

**Discussion:**

[report of discussion]

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

[**R4-2102628**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102628.zip) **on UE capability for intra-band ENDC**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102388**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102388.zip) **On BCS reporting and support for intra-band EN-DC band combinations**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102148**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102148.zip) **Discussion on LS RP-202935 BCS reporting and support for intra-band EN-DC band combinations**

*Type: discussion For: Approval  
 Source: T-Mobile USA, Bell Mobility, TELUS, Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

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

[**R4-2102149**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102149.zip) **Draft Reply LS to RP-202935 on BCS reporting and support for intra-band EN-DC band combinations (to: RAN, RAN2; cc: -; contact: T-Mobile USA)**

*Type: LS out For: Approval  
 to RAN, RAN2  
 Source: T-Mobile USA, Bell Mobility, TELUS*

**Discussion:**

[report of discussion]

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

### 4.10 Positioning specs maintenance (36.171, 37.171 and 38.171) [NR\_newRAT-Perf or TEI]

**R4-2103002 Email discussion summary for [98e][154] NR\_reply\_LS\_Part\_1**

*Type: other For: Information  
 Source: Moderator (Xiaomi)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100196**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100196.zip) **Analysis of RF interferences to A-GNSS Sensitivity requirements in NR and LTE**

*Type: discussion For: Discussion  
 Source: Apple*

**Discussion:**

[report of discussion]

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

[**R4-2101923**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101923.zip) **Frequency Bands for testing of A-GNSS Sensitivity in EN-DC**

*Type: discussion For: (not specified)  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

## 5 LTE maintenance (up to Rel15) [WI code or TEI]

### 5.2 UE RF requirements [WI code or TEI]

**R4-2102953 Email discussion summary for [98e][105] LTE\_Maintenance**

*Type: other For: Information  
 Source: Moderator (Skyworks)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100053**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100053.zip) **CR for missing B48 references in a table and note**

*Type: CR For: Agreement  
 36.101 v14.17.0 CR-5713 Cat: F (Rel-14)  
  
 Source: C Spire Wireless*

**Discussion:**

[report of discussion]

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

[**R4-2100244**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100244.zip) **CR for missing B48 references in a table and note**

*Type: CR For: Agreement  
 36.101 v15.13.0 CR-5713 rev 1 Cat: A (Rel-15)  
  
 Source: C Spire Wireless*

**Discussion:**

[report of discussion]

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

[**R4-2100645**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100645.zip) **CR for missing B48 references in a table and note**

*Type: CR For: Agreement  
 36.101 v15.13.0 CR-5717 Cat: A (Rel-15)  
  
 Source: C Spire Wireless*

**Discussion:**

[report of discussion]

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

[**R4-2100648**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100648.zip) **CR for missing B48 references in a table and note**

*Type: CR For: Agreement  
 36.101 v16.8.0 CR-5718 Cat: A (Rel-16)  
  
 Source: C Spire Wireless*

**Discussion:**

[report of discussion]

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

[**R4-2100651**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100651.zip) **CR for missing B48 references in a table and note**

*Type: CR For: Agreement  
 36.101 v17.0.0 CR-5719 Cat: A (Rel-17)  
  
 Source: C Spire Wireless*

**Discussion:**

[report of discussion]

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

[**R4-2101197**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101197.zip) **Addition of UE co-existence requirements for 40 and n40**

*Type: other For: Approval  
 Source: NTT DOCOMO, INC., SoftBank Corp., KDDI Corporation, Rakuten Mobile, Inc*

**Discussion:**

[report of discussion]

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

[**R4-2101802**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101802.zip) **CR for 36.101 to add missing spurious emissions for band 38 UE co-existence (Rel-16)**

*Type: CR For: Agreement  
 36.101 v16.8.0 CR-5721 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, DT*

**Discussion:**

[report of discussion]

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

[**R4-2101803**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101803.zip) **CR for 36.101 to add missing spurious emissions for band 38 UE co-existence (Rel-17)**

*Type: CR For: Agreement  
 36.101 v17.0.0 CR-5722 Cat: A (Rel-17)  
  
 Source: Huawei, HiSilicon, DT*

**Discussion:**

[report of discussion]

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

[**R4-2102098**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102098.zip) **Test frequencies for NB-IOT UE in standalone operation**

*Type: other For: Discussion  
 Source: Sony*

**Discussion:**

[report of discussion]

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

[**R4-2102437**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102437.zip) **A-MPR for LTE CA\_NS\_04 256QAM PC2**

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

**Abstract:**

A-MPR values are proposed for LTE CA\_NS\_04 256QAM PC2 based on simulation results.

**Discussion:**

[report of discussion]

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

[**R4-2102596**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102596.zip) **CR for TS 36.101: Cleanup for spurious emissions for UE co-existence table**

*Type: CR For: Agreement  
 36.101 v15.13.0 CR-5724 Cat: F (Rel-15)  
  
 Source: Apple*

**Discussion:**

[report of discussion]

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

## 6 Rel-16 Work Items for LTE

### 6.4 R16 LTE maintenance [WI code]

#### 6.4.2 UE RF requirements [WI code]

[**R4-2102604**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102604.zip) **CR for TS 36.101: Cleanup for spurious emissions for UE co-existence table**

*Type: CR For: Agreement  
 36.101 v16.8.0 CR-5725 Cat: F (Rel-16)  
  
 Source: Apple*

**Discussion:**

[report of discussion]

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

[**R4-2102605**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102605.zip) **CR for TS 36.101: Cleanup for spurious emissions for UE co-existence table**

*Type: CR For: Agreement  
 36.101 v17.0.0 CR-5726 Cat: A (Rel-17)  
  
 Source: Apple*

**Discussion:**

[report of discussion]

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

## 7 Rel-16 non-spectrum related work items for NR

### 7.1 NR-based access to unlicensed spectrum [NR\_unlic]

#### 7.1.1 System parameters maintenance [NR\_unlic-Core]

**R4-2102954 Email discussion summary for [98e][106] NR\_unlic\_Maintenance**

*Type: other For: Information  
 Source: Moderator (Qualcomm)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100511**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100511.zip) **NR-U wideband operation and intra-carrier guard bands**

*Type: discussion For: Decision  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

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

[**R4-2100512**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100512.zip) **Corrections of NR-U wideband operation intra-carrier guard bands**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0619 Cat: F (Rel-16)  
  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

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

[**R4-2100513**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100513.zip) **Corrections of NR-U wideband operation intra-carrier guard bands**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0620 Cat: A (Rel-17)  
  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

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

[**R4-2101720**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101720.zip) **Applicability of minimum requirements for shared spectrum access**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0647 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

CR to add the applicability of minimum requirements for DL (Mode 1) and UL

**Discussion:**

[report of discussion]

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

[**R4-2101968**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101968.zip) **CR to TS 38.104: system parameters maintenance for NR-U**

*Type: CR For: Agreement  
 38.104 v16.6.0 CR-0281 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2101969**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101969.zip) **CR to TS 38.104: system parameters maintenance for NR-U**

*Type: CR For: Agreement  
 38.104 v17.0.0 CR-0282 Cat: A (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2101970**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101970.zip) **CR to TS 38.101-1: system parameters maintenance for NR-U**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0662 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2101971**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101971.zip) **CR to TS 38.101-1: system parameters maintenance for NR-U**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0663 Cat: A (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

#### 7.1.2 UE RF requirements maintenance [NR\_unlic-Core]

##### 7.1.2.1 Transmitter characteristics [NR\_unlic-Core]

[**R4-2101932**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101932.zip) **NR-U - On Intra-cell guardbands**

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

**Discussion:**

[report of discussion]

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

##### 7.1.2.2 Receiver characteristics [NR\_unlic-Core]

### 7.3 5G V2X with NR sidelink [5G\_V2X\_NRSL]

#### 7.3.1 System parameters maintenance [5G\_V2X\_NRSL-Core]

#### 7.3.2 UE RF requirements maintenance [5G\_V2X\_NRSL-Core]

**R4-2102955 Email discussion summary for [98e][107] 5G\_V2X\_NRSL\_UE\_RF**

*Type: other For: Information  
 Source: Moderator (LG Electronics)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

##### 7.3.2.1 Transmitter characteristics [5G\_V2X\_NRSL-Core]

[**R4-2100280**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100280.zip) **CR on editorial correction on V2X operation in TS38.101-1 in Rel-16**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0605 Cat: F (Rel-16)  
  
 Source: LG Electronics France*

**Abstract:**

Propovide CR to correct editorial correction for 5G V2X RF requirements in TS38.101-1

**Discussion:**

[report of discussion]

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

[**R4-2100281**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100281.zip) **CR on editorial correction on V2X operation in TS38.101-1 in Rel-17**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0606 Cat: A (Rel-17)  
  
 Source: LG Electronics France*

**Abstract:**

shadowing CR from [R4-2100280](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100280.zip)

**Discussion:**

[report of discussion]

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

[**R4-2100404**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100404.zip) **CR for TS 38.101-1, General corrections for NR V2X**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0615 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

[report of discussion]

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

[**R4-2100405**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100405.zip) **CR for TS 38.101-3, General corrections for NR V2X**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0440 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

[report of discussion]

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

[**R4-2100406**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100406.zip) **CR for 38.886, General corrections for NR V2X**

*Type: CR For: Agreement  
 38.886 v16.2.0 CR-0006 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

[report of discussion]

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

[**R4-2100499**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100499.zip) **CR for TS 38.101-1, General corrections for NR V2X**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0618 Cat: A (Rel-17)  
  
 Source: CATT*

**Discussion:**

[report of discussion]

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

[**R4-2100500**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100500.zip) **CR for TS 38.101-3, General corrections for NR V2X**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0445 Cat: A (Rel-17)  
  
 Source: CATT*

**Discussion:**

[report of discussion]

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

[**R4-2102382**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102382.zip) **CR for 38.101-1 correction of NR V2X FRC parameter**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0685 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

##### 7.3.2.2 Receiver characteristics [5G\_V2X\_NRSL-Core]

#### 7.3.3 Concurrent operation maintenance (scenarios, requirements, etc) [5G\_V2X\_NRSL-Core]

[**R4-2100403**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100403.zip) **Discussion on switching period position in ITS band**

*Type: discussion For: Approval  
 Source: CATT*

**Discussion:**

[report of discussion]

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

##### 7.3.3.1 Transmitter characteristics [5G\_V2X\_NRSL-Core]

[**R4-2100783**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100783.zip) **Further discussion on switching period in the ITS band**

*Type: discussion For: Approval  
 Source: vivo*

**Discussion:**

[report of discussion]

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

[**R4-2101870**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101870.zip) **CR for TS 38.101-3 switching period for V2X con-current operation Rel-16**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0469 Cat: F (Rel-16)  
  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

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

[**R4-2101871**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101871.zip) **CR for TS 38.101-3 switching period for V2X con-current operation Rel-17**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0470 Cat: A (Rel-17)  
  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

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

[**R4-2101876**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101876.zip) **on switching period**

*Type: discussion For: (not specified)  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

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

[**R4-2102380**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102380.zip) **On SL switching period**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102381**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102381.zip) **CR for TS 38.101-3 NR V2X switching period**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0482 Cat: B (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

##### 7.3.3.2 Receiver characteristics [5G\_V2X\_NRSL-Core]

### 7.5 Multi-RAT Dual-Connectivity and Carrier Aggregation enhancements [LTE\_NR\_DC\_CA\_enh]

#### 7.5.1 RF requirements maintenance [LTE\_NR\_DC\_CA\_enh-Core]

**R4-2102956 Email discussion summary for [98e][108] LTE\_NR\_DC\_CA\_enh\_RF**

*Type: other For: Information  
 Source: Moderator (Ericsson)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100798**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100798.zip) **MSD due to wider BW evaluation for DC\_28\_n5**

*Type: discussion For: Approval  
 38.101-3 v..  
 Source: MediaTek Inc.*

**Discussion:**

[report of discussion]

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

[**R4-2100844**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100844.zip) **CR for 38.101-3 Correction on EN-DC MSD due to cross band isolation for DC\_28\_n5 (R16)**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0449 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Discussion:**

[report of discussion]

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

[**R4-2101820**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101820.zip) **Further discussion on RF requirements about Multi-RAT Dual-Connectivity**

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

**Abstract:**

ENDC TDM when roaming

**Discussion:**

[report of discussion]

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

[**R4-2102044**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102044.zip) **LS reply to RAN2 on power control for NR-DC**

*Type: LS out For: Approval  
 to RAN2  
 Source: Ericsson*

**Abstract:**

LS reply to RAN2 on power control for NR-DC

**Discussion:**

[report of discussion]

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

[**R4-2102207**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102207.zip) **CR to TS 38.307 on the definition of the duplex-mode for the band configurations**

*Type: CR For: Agreement  
 38.307 v15.7.0 CR-0055 Cat: F (Rel-15)  
  
 Source: ZTE Corporation, CHTTL*

**Discussion:**

[report of discussion]

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

[**R4-2102208**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102208.zip) **CR to TS 38.307 on the definition of the duplex-mode for the band configurations**

*Type: CR For: Agreement  
 38.307 v16.5.0 CR-0056 Cat: A (Rel-16)  
  
 Source: ZTE Corporation, CHTTL*

**Discussion:**

[report of discussion]

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

[**R4-2102209**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102209.zip) **CR to TS 38.307 on the definition of the duplex-mode for the band configurations**

*Type: CR For: Agreement  
 38.307 v17.0.0 CR-0057 Cat: A (Rel-17)  
  
 Source: ZTE Corporation, CHTTL*

**Discussion:**

[report of discussion]

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

[**R4-2102408**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102408.zip) **Missing parent clause for NR-DC PCMAX**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0689 Cat: D (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2102409**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102409.zip) **Missing parent clause for NR-DC PCMAX**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0690 Cat: A (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2102711**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102711.zip) **Discussion and reply LS on p-NR-FR2**

*Type: discussion For: Discussion  
 Source: vivo*

**Discussion:**

[report of discussion]

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

[**R4-2102387**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102387.zip) **On SUO for intra-band EN-DC**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101144**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101144.zip) **Discussion on the reply to LS on single UL operation**

*Type: discussion For: Discussion  
 Source: MediaTek inc.*

**Discussion:**

[report of discussion]

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

### 7.9 Enhancements on MIMO for NR [NR\_eMIMO]

#### 7.9.1 UE RF core requirements maintenance (38.101) [NR\_eMIMO-Core]

[**R4-2102386**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102386.zip) **CR for TS 38.101-1: correction of Pi/2 BPSK**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0687 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

### 7.11 RF requirements for NR frequency range 1 (FR1) [NR\_RF\_FR1]

#### 7.11.1 RF core requirements maintenance [NR\_RF\_FR1-Core]

**R4-2102957 Email discussion summary for [98e][109] NR\_RF\_FR1\_Part\_1**

*Type: other For: Information  
 Source: Moderator (Huawei)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

##### 7.11.1.1 Intra-band UL CA for FR1 power class 3 [NR\_RF\_FR1-Core]

[**R4-2100162**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100162.zip) **CA\_n7B\_REFSENS\_CatF\_CR**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0600 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2101178**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101178.zip) **Intra-band contiguous ULCA Pcmax Issues**

*Type: other For: Approval  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2102588**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102588.zip) **CR CA\_n7B REFSENS – Cat A**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0695 Cat: A (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2102600**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102600.zip) **CR for TS 38.101-1: Corrections to intra-band UL NC CA requirements**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0700 Cat: F (Rel-16)  
  
 Source: Apple*

**Discussion:**

[report of discussion]

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

[**R4-2102601**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102601.zip) **CR for TS 38.101-1: Corrections to intra-band UL NC CA requirements**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0701 Cat: A (Rel-17)  
  
 Source: Apple*

**Discussion:**

[report of discussion]

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

[**R4-2102626**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102626.zip) **on FR1 intra-band CA separation class**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

##### 7.11.1.2 Others [NR\_RF\_FR1-Core]

[**R4-2100160**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100160.zip) **Introduction of specific Pcmax requirements for inter-band CA category A-B combos**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0599 Cat: C (Rel-16)  
  
 Source: InterDigital Communications*

**Abstract:**

Introduction of specific Pcmax requirements for inter-band CA category A-B combos.

**Discussion:**

[report of discussion]

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

[**R4-2100596**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100596.zip) **UL Switching and coherent UL MIMO Cat-F CR 38.101-1**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0623 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2100597**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100597.zip) **UL Switching and coherent UL MIMO Cat-A CR 38.101-1**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0624 Cat: A (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2100792**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100792.zip) **CR for TS 38.101-1: Correction on 1Tx-2Tx switching between two uplink carriers (Rel-16)**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0629 Cat: F (Rel-16)  
  
 Source: China Telecom*

**Discussion:**

[report of discussion]

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

[**R4-2100793**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100793.zip) **CR for TS 38.101-1: Correction on 1Tx-2Tx switching between two uplink carriers (Rel-17)**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0630 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

[report of discussion]

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

[**R4-2100794**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100794.zip) **CR for TS 38.101-3: Correction on 1Tx-2Tx switching between two uplink carriers (Rel-16)**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0447 Cat: F (Rel-16)  
  
 Source: China Telecom*

**Discussion:**

[report of discussion]

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

[**R4-2100795**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100795.zip) **CR for TS 38.101-3: Correction on 1Tx-2Tx switching between two uplink carriers (Rel-17)**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0448 Cat: A (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

[report of discussion]

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

[**R4-2101145**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101145.zip) **Clarification on timing difference for Tx switching in EN-DC R16**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0456 Cat: F (Rel-16)  
  
 Source: MediaTek inc.*

**Discussion:**

[report of discussion]

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

[**R4-2101146**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101146.zip) **Clarification on timing difference for Tx switching in EN-DC R17**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0457 Cat: A (Rel-17)  
  
 Source: MediaTek inc.*

**Discussion:**

[report of discussion]

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

[**R4-2101285**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101285.zip) **CR to 38.101-1 (Rel-16) fall back behaviors**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0639 Cat: F (Rel-16)  
  
 Source: Intel Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2101286**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101286.zip) **CR to 38.101-1 (Rel-17) fall back behaviors**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0640 Cat: A (Rel-17)  
  
 Source: Intel Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102410**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102410.zip) **Corrections to PCMAX for UL CA**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0691 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2102411**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102411.zip) **Corrections to PCMAX for UL CA**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0692 Cat: A (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2102682**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102682.zip) **on FR1 intra-band UL CA Pcmax**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

### 7.12 NR RF requirement enhancements for frequency range 2 (FR2) [NR\_RF\_FR2\_req\_enh]

#### 7.12.1 RF core requirements maintenance [NR\_RF\_FR2\_req\_enh-Core]

**R4-2102958 Email discussion summary for [98e][110] NR\_RF\_FR2\_req\_enh\_Part\_4**

*Type: other For: Information  
 Source: Moderator (Nokia)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100589**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100589.zip) **P\_cmax P\_IBE wording refinement and terminology improvement**

*Type: CR For: Agreement  
 38.101-2 v16.6.0 CR-0323 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Abstract:**

Clarify P\_IBE applicability and add A-MPR = 0 condition

**Discussion:**

[report of discussion]

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

[**R4-2100590**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100590.zip) **P\_cmax P\_IBE wording refinement and termonology improvement**

*Type: CR For: Agreement  
 38.101-2 v17.0.0 CR-0324 Cat: A (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Abstract:**

Clarify P\_IBE applicability and add A-MPR = 0 condition

**Discussion:**

[report of discussion]

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

[**R4-2100591**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100591.zip) **Inter-band + intra-band CA FR2 frequency separation class**

*Type: other For: Approval  
 Source: Qualcomm Incorporated*

**Abstract:**

Add 400 and 600 MHz to Fs

**Discussion:**

[report of discussion]

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

[**R4-2101287**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101287.zip) **CR to 38.101-2 (Rel-16) SSB based beam correspondence side condition**

*Type: CR For: Agreement  
 38.101-2 v16.6.0 CR-0326 Cat: F (Rel-16)  
  
 Source: Intel Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2101288**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101288.zip) **CR to 38.101-2 (Rel-17) SSB based beam correspondence side condition**

*Type: CR For: Agreement  
 38.101-2 v17.0.0 CR-0327 Cat: A (Rel-17)  
  
 Source: Intel Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102132**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102132.zip) **Discussion on frequency separation class**

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

**Discussion:**

[report of discussion]

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

[**R4-2102183**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102183.zip) **Discussion on frequency separation class**

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

**Discussion:**

[report of discussion]

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

[**R4-2102718**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102718.zip) **CR on FR2 inter-band DL CA CBM and IBM**

*Type: CR For: Agreement  
 38.101-2 v16.6.0 CR-0344 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

### 7.19 R16 NR maintenance [WI code or TEI16]

#### 7.19.1 UE transient period capability [TEI16]

**R4-2102959 Email discussion summary for [98e][111] NR\_transient\_period**

*Type: other For: Information  
 Source: Moderator (CMCC)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2101460**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101460.zip) **Short Transient Period Testing**

*Type: other For: Approval  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2101484**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101484.zip) **CR on introduction of shorter Transient Period Capability**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0641 Cat: B (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Abstract:**

Resubmission of endorsed Draft CR [R4-2011766](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2011766.zip)

**Discussion:**

[report of discussion]

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

[**R4-2101487**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101487.zip) **CR on introduction of shorter Transient Period Capability**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0642 Cat: A (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2102629**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102629.zip) **on transient period UE capability**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102684**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102684.zip) **CR on TS 38.101-1 time mask for shorter transient**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0709 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

#### 7.19.2 Transmit diversity and power class related to UL MIMO [TEI16]

**R4-2102960 Email discussion summary for [98e][112] NR\_TxD**

*Type: other For: Information  
 Source: Moderator (vivo)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

##### 7.19.2.1 R16 support of transmit diversity [TEI16]

[**R4-2100095**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100095.zip) **Remaining items on transparent Tx diversity**

*Type: discussion For: Approval  
 Source: Anritsu corporation*

**Abstract:**

In this contribution we show our views on the following remaining issues.

(1) UE Behavior under Conformance Testing

(2) Signaling for Transparent TxD

**Discussion:**

[report of discussion]

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

[**R4-2100523**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100523.zip) **On Tx diversity**

*Type: discussion For: Decision  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

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

[**R4-2100592**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100592.zip) **TxD open items for Rel-16**

*Type: other For: Approval  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2100594**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100594.zip) **Introduction of Tx diversity in tor 38101-1 Cat-B CR 38.101-1**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0621 Cat: B (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2100595**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100595.zip) **Introduction of Tx diversity in tor 38101-1 Cat-F CR 38.101-1**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0622 Cat: A (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2100914**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100914.zip) **On the Support of Transparent Tx Diversity in Rel-16**

*Type: discussion For: Discussion  
 Source: Samsung*

**Discussion:**

[report of discussion]

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

[**R4-2101108**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101108.zip) **Discussion on Tx diversity open issues**

*Type: other For: Approval  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

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

[**R4-2101289**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101289.zip) **Remaining Issues on Transparent TxD**

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

**Discussion:**

[report of discussion]

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

[**R4-2101721**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101721.zip) **Support of transparent TxD and the associated EVM requirements**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

In this contribution we propose capabilities for TX diversity and EVM measurements. CDD is also discussed.

**Discussion:**

[report of discussion]

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

[**R4-2101749**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101749.zip) **Discussion on UE power class high limit**

*Type: discussion For: Approval  
 Source: OPPO*

**Discussion:**

[report of discussion]

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

[**R4-2101751**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101751.zip) **Discussion on Rel-16 TxD**

*Type: discussion For: Approval  
 Source: OPPO*

**Discussion:**

[report of discussion]

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

[**R4-2101850**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101850.zip) **EVM for transparent TxD**

*Type: discussion For: Discussion  
 Source: ZTE Wistron Telecom AB*

**Discussion:**

[report of discussion]

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

[**R4-2102089**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102089.zip) **Discussion on FR1 EVM measurements**

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

**Discussion:**

[report of discussion]

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

[**R4-2102383**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102383.zip) **On TxD RF requirements**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102384**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102384.zip) **CR for TS 38.101-1: TxD requirements**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0686 Cat: B (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102683**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102683.zip) **CR for TS 38.101-1 Tx diversity requirements**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0708 Cat: B (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102704**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102704.zip) **Remaining issues in Transparent Tx Diversity**

*Type: discussion For: Discussion  
 Source: vivo*

**Discussion:**

[report of discussion]

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

[**R4-2102917**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102917.zip) **On the EVM Definition for Transmit Diversity and Antenna Ports**

*Type: discussion For: Approval  
 Source: Lenovo, Motorola Mobility*

**Discussion:**

[report of discussion]

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

##### 7.19.2.2 Power class related to UL MIMO and other related req. (MPR, SEM, etc) [TEI16 or NR\_newRAT-Core]

[**R4-2100593**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100593.zip) **Power class due to TxD in Rel-15**

*Type: discussion For: (not specified)  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision: Withdrawn.**

[**R4-2102385**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102385.zip) **Discussion on Reply LS to RAN5 On EN-DC power class**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102705**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102705.zip) **Remaining issues in Power class & UL MIMO related requirments**

*Type: discussion For: Discussion  
 Source: vivo*

**Discussion:**

[report of discussion]

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

#### 7.19.3 Other UE RF [WI code or TEI16]

**R4-2102961 Email discussion summary for [98e][113] NR\_R16\_Maintenance**

*Type: other For: Information  
 Source: Moderator (OPPO)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100112**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100112.zip) **PC1 and PC3 Updates for Band n14**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0588 Cat: F (Rel-16)  
  
 Source: AT&T*

**Discussion:**

[report of discussion]

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

[**R4-2100119**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100119.zip) **PC1 and PC3 Updates for Band n14**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0589 Cat: A (Rel-17)  
  
 Source: AT&T*

**Discussion:**

[report of discussion]

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

[**R4-2100127**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100127.zip) **CR to TS 38.101-2 on correction to intra-band non-contiguous CA configurations (Rel-16)**

*Type: CR For: Agreement  
 38.101-2 v16.6.0 CR-0318 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is for correction to intra-band non-contiguous CA configurations

**Discussion:**

[report of discussion]

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

[**R4-2100128**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100128.zip) **CR to TS 38.101-2 on correction to intra-band non-contiguous CA configurations (Rel-17)**

*Type: CR For: Agreement  
 38.101-2 v17.0.0 CR-0319 Cat: A (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is for correction to intra-band non-contiguous CA configurations

**Discussion:**

[report of discussion]

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

[**R4-2100129**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100129.zip) **CR to TS 38.101-3 on correction to hanging paragraph in the spec (Rel-16)**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0435 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is to correct the issues of hanging paragraphs in the spec

**Discussion:**

[report of discussion]

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

[**R4-2100130**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100130.zip) **CR to TS 38.101-3 on correction to hanging paragraph in the spec (Rel-17)**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0436 Cat: A (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is to correct the issues of hanging paragraphs in the spec

**Discussion:**

[report of discussion]

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

[**R4-2100136**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100136.zip) **38.101 Void clean up R16**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0593 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

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

[**R4-2100137**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100137.zip) **38.101 Void clean up R17**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0594 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

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

[**R4-2100148**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100148.zip) **TS 38.101-3: Addition of missing lower order fallbacks R16**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0437 Cat: B (Rel-16)  
  
 Source: Nokia, AT&T*

**Discussion:**

[report of discussion]

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

[**R4-2100149**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100149.zip) **TS 38.101-3: Addition of missing lower order fallbacks R17**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0598 Cat: A (Rel-17)  
  
 Source: Nokia, AT&T*

**Discussion:**

[report of discussion]

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

[**R4-2100150**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100150.zip) **TR 37.716-21-11: Addition of missing lower order fallbacks**

*Type: CR For: Agreement  
 37.716-21-11 v16.0.0 CR-0001 Cat: B (Rel-16)  
  
 Source: Nokia, AT&T*

**Discussion:**

[report of discussion]

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

[**R4-2100163**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100163.zip) **CR\_CatF\_n47\_AMPR\_correction**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0601 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2100797**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100797.zip) **Discussion on requirement for LTE/NR spectrum sharing and dual connectivity (DSS EN-DC) in band 1/n1**

*Type: discussion For: Discussion  
 Source: China Telecom*

**Discussion:**

[report of discussion]

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

[**R4-2100846**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100846.zip) **CR for 38.101-1: Update of missing fallback NR-DC combinations Rel-16**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0632 Cat: F (Rel-16)  
  
 Source: SoftBank Corp., ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2100847**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100847.zip) **CR for 38.101-1: Update of missing fallback NR-DC combinations Rel-17**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0633 Cat: A (Rel-17)  
  
 Source: SoftBank Corp., ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2100876**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100876.zip) **CR for 38.101-1: Update of simultaneous Rx/Tx capability for some NR CA band combinations Rel-16**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0634 Cat: F (Rel-16)  
  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100877**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100877.zip) **CR for 38.101-1: Update of simultaneous Rx/Tx capability for some NR CA band combinations Rel-17**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0635 Cat: A (Rel-17)  
  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100878**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100878.zip) **CR for 38.101-3: Update of simultaneous Rx/Tx capability for some EN-DC band combinations Rel-16**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0450 Cat: F (Rel-16)  
  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100879**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100879.zip) **CR for 38.101-3: Update of simultaneous Rx/Tx capability for some EN-DC band combinations Rel-17**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0451 Cat: A (Rel-17)  
  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2101106**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101106.zip) **CR for 38.101-1 Rel16 corrections on exception requirements on out-of-band blocking for inter-band CA**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0637 Cat: F (Rel-16)  
  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

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

[**R4-2101107**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101107.zip) **CR for 38.101-1 Rel17 corrections on exception requirements on out-of-band blocking for inter-band CA**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0638 Cat: A (Rel-17)  
  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

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

[**R4-2101175**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101175.zip) **n40-n41 Coexistence**

*Type: other For: Approval  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2101176**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101176.zip) **CR to TS 38.101-3 clarification on the single uplink allowance for DC\_3A\_n3A**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0458 Cat: F (Rel-16)  
  
 Source: CHTTL*

**Discussion:**

[report of discussion]

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

[**R4-2101179**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101179.zip) **CR to TS 38.101-3 clarification on the single uplink allowance for DC\_3A\_n3A**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0459 Cat: A (Rel-17)  
  
 Source: CHTTL*

**Discussion:**

[report of discussion]

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

[**R4-2101722**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101722.zip) **LS to RAN5 on SCell dropping behavior and verification thereof**

*Type: LS out For: Approval  
 to RAN5  
 Source: Ericsson*

**Abstract:**

LS to RAN5 on the verification of CA MOP and make proposals on the Scell dropping behaviour

**Discussion:**

[report of discussion]

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

[**R4-2101723**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101723.zip) **Modification of Pcmax for UL CA with uplink Tx switching capability**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0648 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

CR to modify the Pcmax for CA to accommodate power boosting for switched TX

**Discussion:**

[report of discussion]

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

[**R4-2101724**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101724.zip) **Correction to modified MPR behaviour**

*Type: CR For: Agreement  
 38.101-2 v16.6.0 CR-0328 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

CR to correct modified MPR behaviour

**Discussion:**

[report of discussion]

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

[**R4-2101725**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101725.zip) **Requirements Type 2 UEs supporting inter-band MRDC with overlapping DL**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0463 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Abstract:**

CR to add requirements for Type 2 UE and add applicability for Type 1

**Discussion:**

[report of discussion]

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

[**R4-2101804**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101804.zip) **CR for 38.101-3 to add the missing Tib Rib for DC\_2-7-7-66\_n78/ DC\_2-7-66-66\_n78/ DC\_2-7-7-66-66\_n78 (Rel-16)**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0467 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101805**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101805.zip) **CR for 38.101-3 to add the missing Tib Rib for DC\_2-7-7-66\_n78/ DC\_2-7-66-66\_n78/ DC\_2-7-7-66-66\_n78 (Rel-17)**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0468 Cat: A (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101806**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101806.zip) **Discussion on spurious emission about UE co-existence between band n40 and n41**

*Type: other For: Approval  
 Source: Huawei, HiSilicon, CMCC*

**Discussion:**

[report of discussion]

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

[**R4-2101807**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101807.zip) **CR on spurious emission about UE co-existence between band n40 and n41(Rel-16)**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0652 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, CMCC*

**Discussion:**

[report of discussion]

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

[**R4-2101808**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101808.zip) **CR on spurious emission about UE co-existence between band n40 and n41(Rel-17)**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0653 Cat: A (Rel-17)  
  
 Source: Huawei, HiSilicon, CMCC*

**Discussion:**

[report of discussion]

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

[**R4-2101809**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101809.zip) **CR for 38.101-1 to introduce PC2 for n40 UL MIMO(Rel-16)**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0654 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Reliance Jio*

**Discussion:**

[report of discussion]

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

[**R4-2101810**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101810.zip) **CR for 38.101-1 to introduce PC2 for n40 UL MIMO(Rel-17)**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0655 Cat: A (Rel-17)  
  
 Source: Huawei, HiSilicon, Reliance Jio*

**Discussion:**

[report of discussion]

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

[**R4-2101852**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101852.zip) **CR to TS 38.101-1 Operating bands for DC**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0656 Cat: F (Rel-16)  
  
 Source: ZTE Wistron Telecom AB*

**Discussion:**

[report of discussion]

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

[**R4-2101939**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101939.zip) **CR for 38.101-1 to add missing spurious emissions for band n38 UE co-existence (Rel-16)**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0659 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, DT*

**Discussion:**

[report of discussion]

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

[**R4-2101940**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101940.zip) **CR for 38.101-1 to add missing spurious emissions for band n38 UE co-existence (Rel-17)**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0660 Cat: A (Rel-17)  
  
 Source: Huawei, HiSilicon, DT*

**Discussion:**

[report of discussion]

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

[**R4-2102146**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102146.zip) **CR for 38.101-3: Correction for CA\_n66A-n260**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0477 Cat: F (Rel-16)  
  
 Source: T-Mobile USA*

**Discussion:**

[report of discussion]

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

[**R4-2102147**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102147.zip) **CR for 38.101-3: Correction for CA\_n66A-n260A**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0478 Cat: A (Rel-17)  
  
 Source: T-Mobile USA*

**Discussion:**

[report of discussion]

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

[**R4-2102152**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102152.zip) **CR for 38.101-1: Add CA\_n25A-n41(2A)-n71A which was missing in the CR implementation**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0668 Cat: F (Rel-16)  
  
 Source: T-Mobile USA*

**Discussion:**

[report of discussion]

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

[**R4-2102153**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102153.zip) **CR for 38.101-1: Add CA\_n25A-n41(2A)-n71A which was missing in the CR implementation**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0669 Cat: A (Rel-17)  
  
 Source: T-Mobile USA*

**Discussion:**

[report of discussion]

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

[**R4-2102203**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102203.zip) **CR to TS38.101-1: Correction on configured transmitted power requirement**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0678 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102204**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102204.zip) **CR to TS38.101-1: Correction on configured transmitted power requirement**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0679 Cat: A (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102205**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102205.zip) **CR to TS38.101-3: Correction on duty cycle signalling terminology for PC2 inter-band ENDC**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0479 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102206**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102206.zip) **CR to TS38.101-3: Correction on duty cycle signalling terminology for PC2 inter-band ENDC**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0480 Cat: A (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102395**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102395.zip) **CR for TS 38.101-3 correction of intra-band contiguous EN-DC for DC\_(n)66\_R16**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0483 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102396**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102396.zip) **CR for TS 38.101-3 correction of intra-band contiguous EN-DC for DC\_(n)66\_R17**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0484 Cat: A (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102402**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102402.zip) **CR for TS 38.101-3: Adding delta TIB and RIB requirement for DC\_2-7-7-66\_n78 (R16)**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0485 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102403**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102403.zip) **draft CR for TS 38.101-3: Adding delta TIB and RIB requirement for DC\_2-7-7-66\_n78 (R17)**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0486 Cat: A (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102557**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102557.zip) **CR for n47 AMPR - Cat A**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0694 Cat: A (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2102562**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102562.zip) **CR to 38.101-2: correction on UL MIMO**

*Type: CR For: Agreement  
 38.101-2 v16.6.0 CR-0333 Cat: F (Rel-16)  
  
 Source: Google Inc.*

**Discussion:**

[report of discussion]

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

[**R4-2102582**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102582.zip) **CR to 38.101-2: correction on UL MIMO**

*Type: CR For: Agreement  
 38.101-2 v17.0.0 CR-0334 Cat: A (Rel-17)  
  
 Source: Google Inc.*

**Discussion:**

[report of discussion]

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

[**R4-2102602**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102602.zip) **CR for TS 38.101-1: Cleanup for spurious emissions for UE co-existence table**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0702 Cat: F (Rel-16)  
  
 Source: Apple*

**Discussion:**

[report of discussion]

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

[**R4-2102603**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102603.zip) **CR for TS 38.101-1: Cleanup for spurious emissions for UE co-existence table**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0703 Cat: A (Rel-17)  
  
 Source: Apple*

**Discussion:**

[report of discussion]

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

[**R4-2102685**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102685.zip) **CR on TS 38.101-1 NS\_49**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0710 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102816**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102816.zip) **CR on TS 38.101-1 NS\_49**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0713 Cat: A (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102903**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102903.zip) **CR on split band duplexer exceptions to non-default TX-RX separation**

*Type: CR For: Agreement  
 38.101-1 v15.12.0 CR-0714 Cat: F (Rel-15)  
  
 Source: Qualcomm Incorporated*

**Abstract:**

Proposes that only default TX-RX separation with the deviation of ?FTX-RX = | (BWDL – BWUL)/2 | for asymmetric BW case is permitted for n28 and n74

**Discussion:**

[report of discussion]

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

[**R4-2102904**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102904.zip) **Non-default RX-TX Frequency Separation Values and split band duplexers**

*Type: other For: Approval  
 38.101-1 v..  
 Source: Qualcomm Incorporated*

**Abstract:**

Proposes to add a note to table 5.4.4-1: For bands n28 and n74 UE that may support only the default TX-RX frequency separation value with the deviation of ?FTX-RX = | (BWDL – BWUL)/2 | for asymmetric BW case.

**Discussion:**

[report of discussion]

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

[**R4-2102412**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102412.zip) **Notational amendment and correction to PCMAX for EN-DC**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0487 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2102413**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102413.zip) **Notational amendment and correction to PCMAX for EN-DC**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0488 Cat: A (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2102826**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102826.zip) **CR for correction of Rel-16 Dual Connectivity of 1LTE band (1DL/1UL) and 1NR band (1DL/1UL) with FR1**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0495 Cat: F (Rel-16)  
  
 Source: Verizon Denmark*

**Discussion:**

[report of discussion]

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

## 8 Rel-16 UE feature list

**R4-2102962 Email discussion summary for [98e][114] R16\_UE\_ feature**

*Type: other For: Information  
 Source: Moderator (CMCC)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2101155**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101155.zip) **Discussion on UE feature list**

*Type: discussion For: Discussion  
 Source: MediaTek inc.*

**Discussion:**

[report of discussion]

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

[**R4-2101659**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101659.zip) **Discussion on per-FR gap capability**

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

**Discussion:**

[report of discussion]

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

[**R4-2102891**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102891.zip) **UE feature on Simultaneous dormant BWP switching**

*Type: discussion For: Discussion  
 38.306 v..  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

## 9 Rel-17 spectrum related Work Items for NR

### 9.1 NR intra band Carrier Aggregation for xCC DL/yCC UL including contiguous and non-contiguous spectrum (x>=y) [NR\_CA\_R17\_intra]

**R4-2102963 Email discussion summary for [98e][115] NR\_Baskets\_Part\_1**

*Type: other For: Information  
 Source: Moderator (Nokia)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 9.1.1 Rapporteur Input (WID/TR/CR) [NR\_CA\_R17\_intra-Core /Perf]

[**R4-2101883**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101883.zip) **Revised WID NR Intra-band Rel-17**

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

**Abstract:**

Revised WID NR Intra-band Rel-17

**Discussion:**

[report of discussion]

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

[**R4-2101886**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101886.zip) **CR introduction completed band combinations Rel-17 NR Intra-band -> 38.101-1**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0657 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

CR introduction completed band combinations Rel-17 NR Intra-band -> 38.101-1

**Discussion:**

[report of discussion]

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

[**R4-2101887**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101887.zip) **CR introduction completed band combinations Rel-17 NR Intra-band -> 38.101-2**

*Type: CR For: Agreement  
 38.101-2 v17.0.0 CR-0332 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

CR introduction completed band combinations Rel-17 NR Intra-band -> 38.101-2

**Discussion:**

[report of discussion]

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

[**R4-2101891**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101891.zip) **TR 38.717-01-01 v0.3.0 Rel-17 NR Intra-band**

*Type: draft TR For: Agreement  
 38.717-01-01 v0.2.0  
 Source: Ericsson*

**Abstract:**

TR 38.717-01-01 v0.3.0 Rel-17 NR Intra-band

**Discussion:**

[report of discussion]

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

#### 9.1.2 UE RF for FR1 [NR\_CA\_R17\_intra-Core]

[**R4-2100152**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100152.zip) **Draft CR addition of BCS2 for CA\_71B**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: Nokia, T-Mobile USA*

**Discussion:**

[report of discussion]

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

[**R4-2100707**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100707.zip) **Discussion on DL CA\_n77(3A) support**

*Type: discussion For: Discussion  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100708**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100708.zip) **TP for TR 38.717-01-01: CA\_3DL\_n77(3A)\_1UL\_n77A**

*Type: pCR For: Approval  
 38.717-01-01 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2102319**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102319.zip) **Rel-17 CR 38.101-1 for improvements Intra-band tables**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0680 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Rel-17 CR 38.101-1 for improvements Intra-band tables

**Discussion:**

[report of discussion]

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

#### 9.1.3 UE RF for FR2 [NR\_CA\_R17\_intra-Core]

### 9.2 NR inter-band Carrier Aggregation/Dual Connectivity for 2 bands DL with x bands UL (x=1, 2) [NR\_CADC\_R17\_2BDL\_xBUL]

**R4-2102964 Email discussion summary for [98e][116] NR\_Baskets\_Part\_2**

*Type: other For: Information  
 Source: Moderator (Nokia)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 9.2.1 Rapporteur Input (WID/TR/CR) [NR\_CADC\_R17\_2BDL\_xBUL-Core/Perf]

[**R4-2102210**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102210.zip) **TP for TR38.717-02-01\_Removal of the sub-clauses under clause 7**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102222**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102222.zip) **Revised WID on Rel-17 NR Inter-band CA\_DC xUL\_2DL (x=1,2)**

*Type: WID revised For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102223**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102223.zip) **CR to reflect the completed NR inter band CA DC combinations for 2 bands DL with up to 2 bands UL into TS 38.101-1**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision: Withdrawn.**

**R4-2102943 CR to reflect the completed NR inter band CA DC combinations for 2 bands DL with up to 2 bands UL into TS 38.101-1**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0715 Cat: B (Rel-17)  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102224**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102224.zip) **CR to reflect the completed NR inter band CA DC combinations for 2 bands DL with up to 2 bands UL into TS 38.101-3**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision: Withdrawn.**

**R4-2102944 CR to reflect the completed NR inter band CA DC combinations for 2 bands DL with up to 2 bands UL into TS 38.101-3**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0500 Cat: B (Rel-17)  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102304**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102304.zip) **TR 38.717-02-01 v0.3.0**

*Type: draft TR For: Agreement  
 38.717-02-01 v0.3.0  
 Source: ZTE Wistron Telecom AB*

**Discussion:**

[report of discussion]

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

#### 9.2.2 NR inter band CA without any FR2 band(s) [NR\_CADC\_R17\_2BDL\_xBUL-Core]

[**R4-2100091**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100091.zip) **Draft CR on CA\_n1-n3, CA\_n1-n78, CA\_n3-n78**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: China Unicom*

**Discussion:**

[report of discussion]

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

[**R4-2100155**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100155.zip) **Draft CR addition of CA\_n41-n71 configurations**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: Nokia, T-Mobile USA*

**Discussion:**

[report of discussion]

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

[**R4-2100156**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100156.zip) **Draft CR addition of CA\_n25A-n41(2A)-n71A**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: Nokia, T-Mobile USA*

**Discussion:**

[report of discussion]

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

[**R4-2100259**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100259.zip) **draftCR for Rel-17 NR inter band CA DC combinations for 2 bands DL with up to 2 bands UL within FR1**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: Verizon Denmark*

**Discussion:**

[report of discussion]

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

[**R4-2100694**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100694.zip) **Draft CR for TS 38.101-1: Support of n77(2A) for DC\_n28-n77**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100743**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100743.zip) **Introduction of new BCS to CA\_n5A-n66A and CA\_n5A-78A**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

CA\_n5A-n66A BCS1 and CA\_n5A-78A BCS1 are added.

**Discussion:**

[report of discussion]

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

[**R4-2100942**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100942.zip) **Draft CR for 38.101-1 to introduce CA\_n3A-n78(2A) and CA\_n41-n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100943**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100943.zip) **TP for TR 38.717-02-01: CA\_n3-n18**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100944**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100944.zip) **TP for TR 38.717-02-01: CA\_n18-n41**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100945**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100945.zip) **TP for TR 38.717-02-01: CA\_n41-n77**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100947**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100947.zip) **TP for TR 38.717-02-01: DC\_n3-n41**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100948**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100948.zip) **TP for TR 38.717-02-01: DC\_n28-n41**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100949**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100949.zip) **TP for TR 38.717-02-01: DC\_n41-n77**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100950**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100950.zip) **TP for TR 38.717-02-01: DC\_n41-n78**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100973**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100973.zip) **TP for TR 38.717-02-01: CA\_n25-n29**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Samsung, TELUS, Bell mobility*

**Discussion:**

[report of discussion]

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

[**R4-2100974**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100974.zip) **TP for TR 38.717-02-01: CA\_n25-n71**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Samsung, TELUS, Bell mobility*

**Discussion:**

[report of discussion]

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

[**R4-2100975**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100975.zip) **TP for TR 38.717-02-01: CA\_n25-n77**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Samsung, TELUS, Bell mobility*

**Discussion:**

[report of discussion]

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

[**R4-2100976**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100976.zip) **TP for TR 38.717-02-01: CA\_n71-n77**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Samsung, TELUS, Bell mobility*

**Discussion:**

[report of discussion]

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

[**R4-2100977**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100977.zip) **TP for TR 38.717-02-01: CA\_n13-n25**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Samsung, TELUS, Bell mobility*

**Discussion:**

[report of discussion]

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

[**R4-2100978**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100978.zip) **TP for TR 38.717-02-01: CA\_n13-n66**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Samsung, TELUS, Bell mobility*

**Discussion:**

[report of discussion]

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

[**R4-2101512**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101512.zip) **DraftCR for 38.101-1 to add BCS1 for CA\_n41A-n66A and BCS0 for CA\_n41A-n66(2A)**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: Huawei, HiSilicon, Bell Mobility, Telus*

**Discussion:**

[report of discussion]

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

[**R4-2101599**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101599.zip) **TP for TR 38.717-02-01: CA\_n8A-n20A**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101600**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101600.zip) **TP for TR 38.717-02-01: CA\_n3A-n39A**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101601**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101601.zip) **DraftCR for 38.101-1 to add BCS1 for CA\_n1A-n7A**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101602**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101602.zip) **DraftCR for 38.101-1 to add BCS1 for CA\_n1A-n3A**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101894**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101894.zip) **draft CR for CA\_n46-n48 and DC\_n46-n48 configurations**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: Ericsson, Charter Communication*

**Abstract:**

draft CR for CA\_n46-n48 and DC\_n46-n48 configurations

**Discussion:**

[report of discussion]

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

[**R4-2102211**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102211.zip) **draft CR to TS38.101-3: Adding CA\_n39A-n258A**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102212**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102212.zip) **TP for TR 38.716-02-00:CA\_n34A-n40A**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102314**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102314.zip) **TP for TR 38.717-02-01 to include CA\_n7-n77**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Ericsson, Bell Mobility*

**Abstract:**

TP for TR 38.717-02-01 to include CA\_n7-n77

**Discussion:**

[report of discussion]

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

[**R4-2102315**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102315.zip) **draft CR to include CA\_n7-n78, CA\_n25-n41, CA\_n41-n77 BCS's**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Ericsson, Bell Mobility*

**Abstract:**

draft CR to include CA\_n7-n78, CA\_n25-n41, CA\_n41-n77 BCS's

**Discussion:**

[report of discussion]

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

[**R4-2102320**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102320.zip) **Rel-17 CR 38.101-1 for corrections NR CA 2, 3 and 4 band configuration tables**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0681 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Rel-17 CR 38.101-1 for corrections NR CA 2, 3 and 4 band configuration tables

**Discussion:**

[report of discussion]

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

#### 9.2.3 NR inter band CA with at least one FR2 band [NR\_CADC\_R17\_2BDL\_xBUL-Core]

[**R4-2100092**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100092.zip) **Draft CR on CA\_n1-n258, CA\_n3-n258, CA\_n78-n258**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: China Unicom*

**Discussion:**

[report of discussion]

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

[**R4-2100154**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100154.zip) **Draft CR addition of CA\_n77-n258 configurations**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: Nokia, T-Mobile USA*

**Discussion:**

[report of discussion]

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

[**R4-2100263**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100263.zip) **draftCR for Rel-17 NR inter-band CA DC combination for 2 bands DL with up to 2 bands UL between FR1 and FR2**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Verizon Denmark*

**Discussion:**

[report of discussion]

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

[**R4-2100350**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100350.zip) **Draft CR for 38.101-3 to add n78-n257 inter-band CA configurations**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: SK Telecom*

**Discussion:**

[report of discussion]

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

[**R4-2100351**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100351.zip) **Draft CR for 38.101-3 to add n78C in DC\_n78-n257**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: SK Telecom*

**Discussion:**

[report of discussion]

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

[**R4-2100946**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100946.zip) **TP for TR 38.717-02-01: CA\_n41-n257**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100951**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100951.zip) **TP for TR 38.717-02-01: DC\_n41-n257**

*Type: pCR For: Approval  
 38.717-02-01 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

### 9.3 DC of 1 LTE band and 1 NR band [DC\_R17\_1BLTE\_1BNR\_2DL2UL]

#### 9.3.1 Rapporteur Input (WID/TR/CR) [DC\_R17\_1BLTE\_1BNR\_2DL2UL-Core/Perf]

[**R4-2101097**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101097.zip) **TR 37.717-11-11 v0.3.0 Rel-17 Dual Connectivity (DC) of 1 LTE band (1DL/1UL) and 1 NR band (1DL/1UL)**

*Type: draft TR For: Agreement  
 37.717-11-11 v0.1.0  
 Source: CHTTL*

**Discussion:**

[report of discussion]

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

[**R4-2101098**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101098.zip) **Revised WID: Rel-17 Dual Connectivity (DC) of 1 band LTE (1DL/1UL) and 1 NR band (1DL/1UL)**

*Type: WID revised For: Approval  
 Source: CHTTL*

**Discussion:**

[report of discussion]

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

[**R4-2101099**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101099.zip) **Big CR for Rel-17 Dual Connectivity (DC) of 1 LTE band (1DL/1UL) and 1 NR band (1DL/1UL)**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0455 Cat: B (Rel-17)  
  
 Source: CHTTL*

**Discussion:**

[report of discussion]

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

#### 9.3.2 EN-DC without FR2 band [DC\_R17\_1BLTE\_1BNR\_2DL2UL-Core]

[**R4-2100258**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100258.zip) **Requirement of band 46 reference sensitivity measurement for NR EN-DC band combinations**

*Type: discussion For: Decision  
 Source: Verizon Denmark*

**Discussion:**

[report of discussion]

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

[**R4-2100260**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100260.zip) **draftCR for Rel-17Dual Connectivity of 1LTE band (1DL/1UL) and 1NR band (1DL/1UL) within FR1**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Verizon Denmark*

**Discussion:**

[report of discussion]

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

[**R4-2100261**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100261.zip) **draftCR for Rel-16 Dual Connectivity of 1LTE band (1DL/1UL) and 1NR band (1DL/1UL) with FR1**

*Type: draftCR For: Endorsement  
 38.101-3 v16.6.0  
 Source: Verizon Denmark*

**Discussion:**

[report of discussion]

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

[**R4-2100301**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100301.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +1LTE band) within FR1 DC\_40A\_n78(2A)/DC\_40C\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100302**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100302.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +1LTE band) within FR1 DC\_8A\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100352**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100352.zip) **TP for DC\_21\_n28 for TR 37.717-11-11**

*Type: pCR For: Approval  
 37.717-11-11 v0.1.0  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

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

[**R4-2100732**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100732.zip) **TP to TR 37.717-11-11 DC\_25\_n77**

*Type: other For: Approval  
 37.717-11-11 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

In this contribution, a text proposal to complete 2DL/2UL EN-DC configurations, DC\_25A\_n77A and DC\_25A-25A\_n77A, is provided.

**Discussion:**

[report of discussion]

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

[**R4-2100733**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100733.zip) **TP to TR 37.717-11-11 DC\_25\_n78**

*Type: other For: Approval  
 37.717-11-11 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

In this contribution, a text proposal to complete 2DL/2UL EN-DC configurations, DC\_25A\_n78A and DC\_25A-25A\_n78A, is provided.

**Discussion:**

[report of discussion]

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

[**R4-2101224**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101224.zip) **TP for DC\_21\_n28 for TR 37.717-11-11**

*Type: pCR For: Approval  
 37.717-11-11 v0.1.0  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101584**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101584.zip) **TP for TR 37.717-11-11: DC\_12\_n71**

*Type: pCR For: Approval  
 37.717-11-11 v0.2.0  
 Source: Huawei, HiSilicon, Ericsson, US Cellular*

**Discussion:**

[report of discussion]

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

[**R4-2101909**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101909.zip) **TP for TR 37.717-11-11 to include 71A\_n41A**

*Type: pCR For: Approval  
 37.717-11-11 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-11 to include 71A\_n41A

**Discussion:**

[report of discussion]

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

[**R4-2101910**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101910.zip) **TP for TR 37.717-11-11 to include 7A\_n2A**

*Type: pCR For: Approval  
 37.717-11-11 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-11 to include 7A\_n2A

**Discussion:**

[report of discussion]

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

[**R4-2101911**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101911.zip) **TP for TR 37.717-11-11 to include 71A\_n2A**

*Type: pCR For: Approval  
 37.717-11-11 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-11 to include 71A\_n2A

**Discussion:**

[report of discussion]

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

[**R4-2102045**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102045.zip) **draft CR 38.101-3 adding CA\_n7B UL configurations for 1 LTE + 1 NR**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Ericsson*

**Abstract:**

draft CR 38.101-3 adding CA\_n7B UL configurations for 1 LTE + 1 NR

**Discussion:**

[report of discussion]

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

[**R4-2102213**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102213.zip) **draft CR to TS38.101-3: Adding DC\_40A\_n41C and DC\_40A\_n41(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

#### 9.3.3 EN-DC with FR2 band [DC\_R17\_1BLTE\_1BNR\_2DL2UL-Core]

[**R4-2100262**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100262.zip) **draftCR for Rel-17 Dual Connectivity of 1LTE band (1DL/1UL) and 1NR band (1DL/1UL) including FR2**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Verizon Denmark*

**Discussion:**

[report of discussion]

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

[**R4-2101896**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101896.zip) **draft CR 38.101-3 to include 2\_n258, 5\_n258, 12\_n258, 66\_n258 configurations**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Ericsson, US Cellular*

**Abstract:**

draft CR 38.101-3 to include 2\_n258, 5\_n258, 12\_n258, 66\_n258 configurations

**Discussion:**

[report of discussion]

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

### 9.4 DC of 2 LTE band and 1 NR band [DC\_R17\_2BLTE\_1BNR\_3DL2UL]

#### 9.4.1 Rapporteur Input (WID/TR/CR) [DC\_R17\_2BLTE\_1BNR\_3DL2UL-Core/Perf]

[**R4-2101508**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101508.zip) **TR 37.717-21-11 V0.2.0 for DC of 2 LTE band and 1 NR band**

*Type: draft TR For: Agreement  
 37.717-21-11 v0.3.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101509**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101509.zip) **Revised WID: Dual Connectivity (DC) of 2 bands LTE inter-band CA (2DL/1UL) and 1 NR band (1DL/1UL)**

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

**Discussion:**

[report of discussion]

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

[**R4-2101510**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101510.zip) **CR on introduction of completed EN-DC of 2 bands LTE and 1 band NR from RAN4#96e and RAN4#97e into TS 38.101-3**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0460 Cat: B (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

#### 9.4.2 EN-DC without FR2 band [DC\_R17\_2BLTE\_1BNR\_3DL2UL-Core]

[**R4-2100145**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100145.zip) **TP to TR 37.717-21-11: DC\_20-40\_n78**

*Type: pCR For: Approval  
 37.717-21-11 v0.2.0  
 Source: Nokia, Telefonica*

**Discussion:**

[report of discussion]

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

[**R4-2100299**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100299.zip) **Discussion of MSD for 3DL2UL DC\_1-21\_n28 due to UL IMD3 issue**

*Type: pCR For: Approval  
 37.717-21-11 v0.1.0  
 Source: Mediatek India Technology Pvt.*

**Discussion:**

[report of discussion]

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

[**R4-2100303**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100303.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +2LTE band) within FR1 DC\_1A-40A\_n78(2A)/DC\_1A-40C\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100304**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100304.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +2LTE band) within FR1 DC\_1A-8A\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100305**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100305.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +2LTE band) within FR1 DC\_3A-40A\_n78(2A)/DC\_3A-40C\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100306**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100306.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +2LTE band) within FR1 DC\_3A-8A\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100307**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100307.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +2LTE band) within FR1 DC\_7A-40A\_n78(2A)/DC\_7A-40C\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100308**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100308.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +2LTE band) within FR1 DC\_7A-8A\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100309**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100309.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +2LTE band) within FR1 DC\_8A-40A\_n78(2A)/DC\_8A-40C\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100345**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100345.zip) **TP for TR 37.717-21-11: DC\_3-18\_n41**

*Type: pCR For: Approval  
 37.717-21-11 v0.1.0  
 Source: KDDI Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2100508**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100508.zip) **TP for DC\_1-21\_n28 for TR 37.717-21-11**

*Type: pCR For: Approval  
 37.717-21-11 v0.1.0  
 Source: NTT DOCOMO, INC. MediaTek Inc., LG Electronics*

**Discussion:**

[report of discussion]

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

[**R4-2100509**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100509.zip) **TP for DC\_3-21\_n28 for TR 37.717-21-11**

*Type: pCR For: Approval  
 37.717-21-11 v0.1.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2100642**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100642.zip) **TP update for TR 37.717-21-11: EN-DC\_1-11\_n28**

*Type: pCR For: Approval  
 37.717-21-11 v0.1.0  
 Source: SoftBank Corp., LG Electronics*

**Discussion:**

[report of discussion]

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

[**R4-2100734**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100734.zip) **TP to TR 37.717-21-11 DC\_7-25\_n77**

*Type: other For: Approval  
 37.717-21-11 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

In this contribution, a text proposal to complete 3DL/2UL EN-DC configurations, DC\_7A-25A\_n77A, DC\_7A-7A-25A\_n77A, DC\_7C-25A\_n77A, DC\_7C-25A-25A\_n77A, DC\_7A-25A-25A\_n77A and DC\_7A-7A-25A-25A\_n77A, is provided.

**Discussion:**

[report of discussion]

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

[**R4-2100735**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100735.zip) **TP to TR 37.717-21-11 DC\_7-25\_n78**

*Type: other For: Approval  
 37.717-21-11 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

In this contribution, a text proposal to complete 3DL/2UL EN-DC configurations, DC\_7A-25A\_n78A, DC\_7A-7A-25A\_n78A, DC\_7C-25A\_n78A, DC\_7A-25A-25A\_n78A, DC\_7A-7A-25A-25A\_n78A, and DC\_7C-25A-25A\_n78A, is provided.

**Discussion:**

[report of discussion]

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

[**R4-2100736**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100736.zip) **TP to TR 37.717-21-11 DC\_25-66\_n77**

*Type: other For: Approval  
 37.717-21-11 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

In this contribution, a text proposal to complete 3DL/2UL EN-DC configurations, DC\_25A-66A\_n77A and DC\_25A-25A-66A\_n77A, is provided.

**Discussion:**

[report of discussion]

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

[**R4-2100737**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100737.zip) **TP to TR 37.717-21-11 DC\_25-66\_n78**

*Type: other For: Approval  
 37.717-21-11 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

In this contribution, a text proposal to complete 3DL/2UL EN-DC configurations, DC\_25A-66A\_n78A and DC\_25A-25A-66A\_n78A, is provided

**Discussion:**

[report of discussion]

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

[**R4-2100983**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100983.zip) **TP for TR 37.717-21-11: DC\_2-29\_n78**

*Type: pCR For: Approval  
 37.717-21-11 v0.2.0  
 Source: Samsung, TELUS, Bell mobility*

**Discussion:**

[report of discussion]

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

[**R4-2100984**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100984.zip) **TP for TR 37.717-21-11: DC\_29-66\_n78**

*Type: pCR For: Approval  
 37.717-21-11 v0.2.0  
 Source: Samsung, TELUS, Bell mobility*

**Discussion:**

[report of discussion]

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

[**R4-2101230**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101230.zip) **TP for DC\_1-21\_n28 for TR 37.717-21-11**

*Type: pCR For: Approval  
 37.717-21-11 v0.1.0  
 Source: NTT DOCOMO INC. , MediaTek Inc., LG Electronics*

**Discussion:**

[report of discussion]

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

[**R4-2101231**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101231.zip) **TP for DC\_3-21\_n28 for TR 37.717-21-11**

*Type: pCR For: Approval  
 37.717-21-11 v0.1.0  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101511**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101511.zip) **TP for 37.717-21-11: correction of duplicated TPS for some combinations**

*Type: pCR For: Approval  
 37.717-21-11 v17.0.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101520**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101520.zip) **DC\_2A-66A-66A\_n66A,DC\_7A-66A-66A\_n66A and DC\_7A-7A-66A-66A\_n66A**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei, HiSilicon, Bell Mobility, Telus*

**Discussion:**

[report of discussion]

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

[**R4-2101545**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101545.zip) **TP for TR 37.717-21-11: DC\_8-20\_n1**

*Type: pCR For: Approval  
 37.717-21-11 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

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

[**R4-2101546**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101546.zip) **TP for TR 37.717-21-11: DC\_8-20\_n3**

*Type: pCR For: Approval  
 37.717-21-11 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

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

[**R4-2101547**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101547.zip) **TP for TR 37.717-21-11: DC\_8-20\_n28**

*Type: pCR For: Approval  
 37.717-21-11 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

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

[**R4-2101548**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101548.zip) **TP for TR 37.717-21-11: DC\_8-32\_n1**

*Type: pCR For: Approval  
 37.717-21-11 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

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

[**R4-2101912**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101912.zip) **draft CR to include DC\_2-7\_n78 configuration**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Ericsson, Rogers*

**Abstract:**

draft CR to include DC\_2-7\_n78 configuration

**Discussion:**

[report of discussion]

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

[**R4-2101913**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101913.zip) **TP for TR 37.717-21-11 to include 12A-66A\_n41A**

*Type: pCR For: Approval  
 37.717-21-11 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-21-11 to include 12A-66A\_n41A

**Discussion:**

[report of discussion]

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

[**R4-2101914**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101914.zip) **TP for TR 37.717-21-11 to include 2A-12A\_n41A, 2A-2A-12A\_n41A**

*Type: pCR For: Approval  
 37.717-21-11 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-21-11 to include 2A-12A\_n41A, 2A-2A-12A\_n41A

**Discussion:**

[report of discussion]

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

[**R4-2101915**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101915.zip) **TP for TR 37.717-21-11 to include 66A-71A\_n41A**

*Type: pCR For: Approval  
 37.717-21-11 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-21-11 to include 66A-71A\_n41A

**Discussion:**

[report of discussion]

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

[**R4-2101916**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101916.zip) **TP for TR 37.717-21-11 to include 2A-71A\_n41A, 2A-2A-71A\_n41A**

*Type: pCR For: Approval  
 37.717-21-11 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-21-11 to include 2A-71A\_n41A, 2A-2A-71A\_n41A

**Discussion:**

[report of discussion]

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

[**R4-2101917**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101917.zip) **TP for TR 37.717-21-11 to include 7A-12A\_n66A**

*Type: pCR For: Approval  
 37.717-21-11 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-21-11 to include 7A-12A\_n66A

**Discussion:**

[report of discussion]

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

[**R4-2101918**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101918.zip) **TP for TR 37.717-21-11 to include 7A-71A\_n66A**

*Type: pCR For: Approval  
 37.717-21-11 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-21-11 to include 7A-71A\_n66A

**Discussion:**

[report of discussion]

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

[**R4-2101919**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101919.zip) **TP for TR 37.717-21-11 to include 7A-12A\_n78A**

*Type: pCR For: Approval  
 37.717-21-11 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-21-11 to include 7A-12A\_n78A

**Discussion:**

[report of discussion]

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

[**R4-2101920**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101920.zip) **TP for TR 37.717-21-11 to include 12A-66A\_n78A**

*Type: pCR For: Approval  
 37.717-21-11 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-21-11 to include 12A-66A\_n78A

**Discussion:**

[report of discussion]

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

[**R4-2101921**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101921.zip) **TP for TR 37.717-21-11 to include 2A-12A\_78A, 2A-2A-12A\_78A**

*Type: pCR For: Approval  
 37.717-21-11 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-21-11 to include 2A-12A\_78A, 2A-2A-12A\_78A

**Discussion:**

[report of discussion]

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

[**R4-2102046**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102046.zip) **draft CR 38.101-3 adding CA\_n7B UL configurations for 2 LTE + 1 NR**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Ericsson*

**Abstract:**

draft CR 38.101-3 adding CA\_n7B UL configurations for 2 LTE + 1 NR

**Discussion:**

[report of discussion]

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

[**R4-2102050**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102050.zip) **TP for TR 37.717-21-11 to include 7A-71A\_n78A**

*Type: pCR For: Approval  
 37.717-21-11 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-21-11 to include 7A-71A\_n78A

**Discussion:**

[report of discussion]

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

[**R4-2102318**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102318.zip) **draft CR to include DC\_2-7\_n66 configuration**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Ericsson, Bell Mobility*

**Abstract:**

draft CR to include DC\_2-7\_n66 configuration

**Discussion:**

[report of discussion]

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

#### 9.4.3 DMEN-DC with FR2 band [DC\_R17\_2BLTE\_1BNR\_3DL2UL-Core]

[**R4-2100696**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100696.zip) **Draft CR for TS 38.101-3: Support of DC\_3-11\_n257**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

### 9.5 DC of 3 LTE band and 1 NR band [DC\_R17\_3BLTE\_1BNR\_4DL2UL]

#### 9.5.1 Rapporteur Input (WID/TR/CR) [DC\_R17\_3BLTE\_1BNR\_4DL2UL-Core/Perf]

[**R4-2101884**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101884.zip) **Revised WID LTE 3DL and one NR band Rel-17**

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

**Abstract:**

Revised WID LTE 3DL and one NR band Rel-17

**Discussion:**

[report of discussion]

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

[**R4-2101888**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101888.zip) **CR introduction completed band combinations LTE 3DL and one NR band -> 38.101-3**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0471 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

CR introduction completed band combinations LTE 3DL and one NR band -> 38.101-3

**Discussion:**

[report of discussion]

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

[**R4-2101892**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101892.zip) **TR 37.717-31-11 v0.3.0 Rel-17 DC combinations LTE 3DL and one NR band**

*Type: draft TR For: Agreement  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TR 37.717-31-11 v0.3.0 Rel-17 DC combinations LTE 3DL and one NR band

**Discussion:**

[report of discussion]

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

#### 9.5.2 EN-DC without FR2 band [DC\_R17\_3BLTE\_1BNR\_4DL2UL-Core]

[**R4-2100146**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100146.zip) **TP to TR 37.717-31-11: DC\_1-20-40\_n78**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Nokia, Telefonica*

**Discussion:**

[report of discussion]

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

[**R4-2100310**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100310.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +3LTE band) within FR1 DC\_1A-3A-40A\_n78(2A)/DC\_1A-3A-40C\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100311**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100311.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +3LTE band) within FR1 DC\_1A-3A-8A\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100312**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100312.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +3LTE band) within FR1 DC\_1A-7A-40A\_n78(2A)/DC\_1A-7A-40C\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100313**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100313.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +3LTE band) within FR1 DC\_1A-7A-8A\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100314**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100314.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +3LTE band) within FR1 DC\_1A-8A-40A\_n78(2A)/DC\_1A-8A-40C\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100315**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100315.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +3LTE band) within FR1 DC\_3A-7A-40A\_n78(2A)/DC\_3A-7A-40C\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100316**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100316.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +3LTE band) within FR1 DC\_3A-7A-8A\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100317**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100317.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +3LTE band) within FR1 DC\_3A-8A-40A\_n78(2A)/DC\_3A-8A-40C\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100318**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100318.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +3LTE band) within FR1 DC\_7A-8A-40A\_n78(2A)/DC\_7A-8A-40C\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100652**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100652.zip) **TP for TR 37.717-31-11: EN-DC\_1-8-42\_n3**

*Type: pCR For: Approval  
 37.717-31-11 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100671**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100671.zip) **TP for TR 37.717-31-11: EN-DC\_1-3-42\_n28**

*Type: pCR For: Approval  
 37.717-31-11 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100742**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100742.zip) **Introduction of DC\_7-25-66\_n77 and DC\_7-25-66\_n78**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Introduce new config of DC bands, DC\_7-25-66\_n77 and D\_7-25-66\_n78

**Discussion:**

[report of discussion]

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

[**R4-2100985**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100985.zip) **TP for TR 37.717-31-11: DC\_2-29-66\_n78**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Samsung, TELUS, Bell mobility*

**Discussion:**

[report of discussion]

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

[**R4-2101518**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101518.zip) **DraftCR for 38.101-3 to add DC\_7A-7A-13A-66A\_n66A, DC\_2A-7A-66A-66A\_n66A and DC\_2A-7A-7A-66A-66A\_n66A**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei, HiSilicon, Bell Mobility, Telus*

**Discussion:**

[report of discussion]

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

[**R4-2101549**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101549.zip) **TP for TR 37.717-31-11: DC\_1-8-20\_n28**

*Type: pCR For: Approval  
 37.717-31-11 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

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

[**R4-2101550**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101550.zip) **TP for TR 37.717-31-11: DC\_7-8-20\_n1**

*Type: pCR For: Approval  
 37.717-31-11 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

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

[**R4-2101551**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101551.zip) **TP for TR 37.717-31-11: DC\_7-8-20\_n3**

*Type: pCR For: Approval  
 37.717-31-11 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

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

[**R4-2101552**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101552.zip) **TP for TR 37.717-31-11: DC\_7-8-32\_n1**

*Type: pCR For: Approval  
 37.717-31-11 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

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

[**R4-2101553**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101553.zip) **TP for TR 37.717-31-11: DC\_7-20-32\_n78**

*Type: pCR For: Approval  
 37.717-31-11 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

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

[**R4-2101554**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101554.zip) **TP for TR 37.717-31-11: DC\_8-20-32\_n1**

*Type: pCR For: Approval  
 37.717-31-11 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

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

[**R4-2101895**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101895.zip) **TP to TR TR 37.717-31-11 to include 3-20-40\_n78**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR TR 37.717-31-11 to include 3-20-40\_n78

**Discussion:**

[report of discussion]

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

[**R4-2102019**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102019.zip) **TP to TR TR 37.717-31-11 to include DC\_1A-7A-28A\_n3A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR TR 37.717-31-11 to include DC\_1A-7A-28A\_n3A

**Discussion:**

[report of discussion]

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

[**R4-2102020**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102020.zip) **TP to TR 37.717-31-11 to include 2A-12A-66A\_n41A, 2A-2A-12A-66A\_n41A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-31-11 to include 2A-12A-66A\_n41A, 2A-2A-12A-66A\_n41A

**Discussion:**

[report of discussion]

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

[**R4-2102021**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102021.zip) **TP to TR 37.717-31-11 to include 2A-66A-71A\_n41A, 2A-2A-66A-71A\_n41A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-31-11 to include 2A-66A-71A\_n41A, 2A-2A-66A-71A\_n41A

**Discussion:**

[report of discussion]

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

[**R4-2102022**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102022.zip) **TP to TR 37.717-31-11 to include 2A-7A-12A\_n66A, 2A-2A-7A-12A\_n66A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-31-11 to include 2A-7A-12A\_n66A, 2A-2A-7A-12A\_n66A

**Discussion:**

[report of discussion]

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

[**R4-2102023**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102023.zip) **TP to TR 37.717-31-11 to include 2A-2A-5A-7A\_n66A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-31-11 to include 2A-2A-5A-7A\_n66A

**Discussion:**

[report of discussion]

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

[**R4-2102024**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102024.zip) **TP to TR 37.717-31-11 to include 2A-7A-71A\_n66A, 2A-2A-7A-71A\_n66A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-31-11 to include 2A-7A-71A\_n66A, 2A-2A-7A-71A\_n66A

**Discussion:**

[report of discussion]

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

[**R4-2102025**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102025.zip) **TP to TR 37.717-31-11 to include 2A-7A-12A\_n78A, 2A-2A-7A-12A\_n78A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-31-11 to include 2A-7A-12A\_n78A, 2A-2A-7A-12A\_n78A

**Discussion:**

[report of discussion]

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

[**R4-2102026**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102026.zip) **TP to TR 37.717-31-11 to include 2A-12A-66A\_n78A, 2A-2A-12A-66A\_n78A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-31-11 to include 2A-12A-66A\_n78A, 2A-2A-12A-66A\_n78A

**Discussion:**

[report of discussion]

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

[**R4-2102027**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102027.zip) **TP to TR 37.717-31-11 to include 7A-12A-66A\_n78A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-31-11 to include 7A-12A-66A\_n78A

**Discussion:**

[report of discussion]

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

[**R4-2102028**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102028.zip) **TP to TR 37.717-31-11 to include 7A-66A-71A\_n78A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-31-11 to include 7A-66A-71A\_n78A

**Discussion:**

[report of discussion]

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

[**R4-2102029**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102029.zip) **TP to TR 37.717-31-11 to include 2A-7A-71A\_n78A, 2A-2A-7A-71A\_n78A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-31-11 to include 2A-7A-71A\_n78A, 2A-2A-7A-71A\_n78A

**Discussion:**

[report of discussion]

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

[**R4-2102030**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102030.zip) **TP to TR 37.717-31-11 to include 2A-7A-66A\_n2A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-31-11 to include 2A-7A-66A\_n2A

**Discussion:**

[report of discussion]

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

[**R4-2102031**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102031.zip) **TP to TR 37.717-31-11 to include 2A-5A-7A\_n2A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-31-11 to include 2A-5A-7A\_n2A

**Discussion:**

[report of discussion]

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

[**R4-2102032**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102032.zip) **TP to TR 37.717-31-11 to include 5A-7A-66A\_n2A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-31-11 to include 5A-7A-66A\_n2A

**Discussion:**

[report of discussion]

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

[**R4-2102033**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102033.zip) **TP to TR 37.717-31-11 to include 2A-7A-71A\_n2A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-31-11 to include 2A-7A-71A\_n2A

**Discussion:**

[report of discussion]

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

[**R4-2102034**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102034.zip) **TP to TR 37.717-31-11 to include 2A-66A-71A\_n2A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-31-11 to include 2A-66A-71A\_n2A

**Discussion:**

[report of discussion]

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

[**R4-2102035**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102035.zip) **TP to TR 37.717-31-11 to include 2A-7A-12A\_n2A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-31-11 to include 2A-7A-12A\_n2A

**Discussion:**

[report of discussion]

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

[**R4-2102036**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102036.zip) **TP to TR 37.717-31-11 to include 7A-66A-71A\_n2A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-31-11 to include 7A-66A-71A\_n2A

**Discussion:**

[report of discussion]

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

[**R4-2102037**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102037.zip) **7TP to TR 37.717-31-11 to include 7A-12A-66A\_n2A**

*Type: pCR For: Approval  
 37.717-31-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

7TP to TR 37.717-31-11 to include 7A-12A-66A\_n2A

**Discussion:**

[report of discussion]

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

[**R4-2102047**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102047.zip) **draft CR 38.101-3 adding CA\_n7B UL configurations for 3 LTE + 1 NR**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Ericsson*

**Abstract:**

draft CR 38.101-3 adding CA\_n7B UL configurations for 3 LTE + 1 NR

**Discussion:**

[report of discussion]

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

[**R4-2102051**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102051.zip) **draft CR to include DC\_2-7-66\_n71, DC\_2-7-66\_n78 configurations**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Ericsson, Rogers*

**Abstract:**

draft CR to include DC\_2-7-66\_n71, DC\_2-7-66\_n78 configurations

**Discussion:**

[report of discussion]

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

[**R4-2102317**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102317.zip) **draft CR to include DC\_2-7-13\_n66 configurations**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Ericsson, Bell Mobility*

**Abstract:**

draft CR to include DC\_2-7-13\_n66 configurations

**Discussion:**

[report of discussion]

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

#### 9.5.3 EN-DC with FR2 band [DC\_R17\_3BLTE\_1BNR\_4DL2UL-Core]

[**R4-2100702**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100702.zip) **Draft CR for TS 38.101-3: Support of DC\_1-3-11\_n257 and DC\_3-8-11\_n257**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

### 9.6 DC of 4 LTE band and 1 NR band [DC\_R17\_4BLTE\_1BNR\_5DL2UL]

#### 9.6.1 Rapporteur Input (WID/TR/CR) [DC\_R17\_4BLTE\_1BNR\_5DL2UL-Core/Perf]

[**R4-2101924**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101924.zip) **Revised Rel-17 WID on DC of 4 bands LTE inter-band CA (4DL1UL) and 1 NR band (1DL1UL)**

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

**Abstract:**

Inclusion of requests provided at RAN4#98

**Discussion:**

[report of discussion]

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

[**R4-2101925**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101925.zip) **CR to introduce new combinations of LTE 4band + NR 1band for TS 38.101-3**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0473 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Inclusion of approved combinations provided at RAN4#98

**Discussion:**

[report of discussion]

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

[**R4-2101926**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101926.zip) **draft TR 37.717-41-11 v0.3.0**

*Type: draft TR For: Agreement  
 37.717-41-11 v0.2.0  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Inclusion of TPs provided at RAN4#98

**Discussion:**

[report of discussion]

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

#### 9.6.2 EN-DC without FR2 band [DC\_R17\_4BLTE\_1BNR\_5DL2UL-Core]

[**R4-2100147**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100147.zip) **TP to TR 37.717-41-11: DC\_1-3-20-40\_n78**

*Type: pCR For: Approval  
 37.717-41-11 v0.2.0  
 Source: Nokia, Telefonica*

**Discussion:**

[report of discussion]

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

[**R4-2100319**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100319.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +4LTE band) within FR1 DC\_1A-3A-7A-40A\_n78(2A)/DC\_1A-3A-7A-40C\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100320**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100320.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +4LTE band) within FR1 DC\_1A-3A-7A-8A\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100321**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100321.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +4LTE band) within FR1 DC\_1A-3A-8A-40A\_n78(2A)/DC\_1A-3A-8A-40C\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100322**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100322.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +4LTE band) within FR1 DC\_1A-7A-8A-40A\_n78(2A)/DC\_1A-7A-8A-40C\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100323**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100323.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +4LTE band) within FR1 DC\_3A-7A-8A-40A\_n78(2A)/DC\_3A-7A-8A-40C\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100672**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100672.zip) **TP for TR 37.717-41-11: EN-DC\_1-3-8-11\_n28**

*Type: pCR For: Approval  
 37.717-41-11 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100673**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100673.zip) **TP for TR 37.717-41-11: EN-DC\_1-3-8-11\_n77**

*Type: pCR For: Approval  
 37.717-41-11 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2101519**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101519.zip) **DraftCR for 38.101-3 to add DC\_2A-7A-7A-13A-66A\_N66a and DC\_2A-5A-7A-7A-66A\_n66A**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei, HiSilicon, Bell Mobility, Telus*

**Discussion:**

[report of discussion]

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

[**R4-2101562**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101562.zip) **TP for TR 37.717-41-11: DC\_1-7-8-20\_n3**

*Type: pCR For: Approval  
 37.717-41-11 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

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

[**R4-2101563**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101563.zip) **TP for TR 37.717-41-11: DC\_1-7-8-20\_n28**

*Type: pCR For: Approval  
 37.717-41-11 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

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

[**R4-2101573**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101573.zip) **TP for TR 37.717-41-11: DC\_1-7-8-20\_n78**

*Type: pCR For: Approval  
 37.717-41-11 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

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

[**R4-2101574**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101574.zip) **TP for TR 37.717-41-11: DC\_7-8-20-32\_n1**

*Type: pCR For: Approval  
 37.717-41-11 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

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

[**R4-2102038**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102038.zip) **TP to TR 37.717-41-11 to include 2A-7A-12A-66A\_n78A, 2A-2A-7A-12A-66A\_n78A**

*Type: pCR For: Approval  
 37.717-41-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-41-11 to include 2A-7A-12A-66A\_n78A,2A-2A-7A-12A-66A\_n78A

**Discussion:**

[report of discussion]

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

[**R4-2102039**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102039.zip) **TP to TR 37.717-41-11 to include 2A-7A-66A-71A\_n78A, 2A-2A-7A-66A-71A\_n78A**

*Type: pCR For: Approval  
 37.717-41-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-41-11 to include 2A-7A-66A-71A\_n78A, 2A-2A-7A-66A-71A\_n78A

**Discussion:**

[report of discussion]

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

[**R4-2102040**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102040.zip) **TP to TR 37.717-41-11 to include 2A-5A-7A-66A\_n2A**

*Type: pCR For: Approval  
 37.717-41-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-41-11 to include 2A-5A-7A-66A\_n2A

**Discussion:**

[report of discussion]

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

[**R4-2102041**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102041.zip) **TP to TR 37.717-41-11 to include 2A-7A-66A-71A\_n2A**

*Type: pCR For: Approval  
 37.717-41-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-41-11 to include 2A-7A-66A-71A\_n2A

**Discussion:**

[report of discussion]

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

[**R4-2102042**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102042.zip) **TP to TR 37.717-41-11 to include 2A-7A-12A-66A\_n2A**

*Type: pCR For: Approval  
 37.717-41-11 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP to TR 37.717-41-11 to include 2A-7A-12A-66A\_n2A

**Discussion:**

[report of discussion]

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

#### 9.6.3 EN-DC with FR2 band [DC\_R17\_4BLTE\_1BNR\_5DL2UL-Core]

[**R4-2100704**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100704.zip) **Draft CR for TS 38.101-3: Support of DC\_1-3-8-11\_n257**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

### 9.7 DC of x bands (x=1,2, 3, 4) LTE inter-band CA and 2 bands NR inter-band CA [DC\_R17\_xBLTE\_2BNR\_yDL2UL]

#### 9.7.1 Rapporteur Input (WID/TR/CR) [DC\_R17\_xBLTE\_2BNR\_yDL2UL-Core/Per]

[**R4-2100272**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100272.zip) **TR 37.717-11-21 v0.3.0 TR update: LTE(xDL/1UL)+ NR(2DL/1UL) DC in Rel-17**

*Type: draft TR For: Agreement  
 37.717-11-21 v0.3.0  
 Source: LG Electronics France*

**Abstract:**

Update TR to capture approved TPs for LTE(xDL/1UL)+ NR(2DL/1UL) DC band combos.

**Discussion:**

[report of discussion]

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

[**R4-2100275**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100275.zip) **Revised WID on LTE (xDL/UL x=1.2,3,4) with NR 2 bands (2DL/1UL) DC in Rel-17**

*Type: WID revised For: Endorsement  
 Source: LG Electronics France*

**Abstract:**

Revised WID to capture new NR DC combos and update the status for each DC band combos for LTE (xDL/UL x=1.2,3,4) with NR 2 bands (2DL/1UL) DC band combos

**Discussion:**

[report of discussion]

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

[**R4-2100277**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100277.zip) **Introduction CR on new NR DC LTE(xDL/1UL)+ NR(2DL/1UL) band combinations in Rel-17**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0438 Cat: B (Rel-17)  
  
 Source: LG Electronics France*

**Abstract:**

Big CR to add new DC combos in TS38.101-3 in Rel-17

**Discussion:**

[report of discussion]

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

#### 9.7.2 EN-DC including NR inter CA without FR2 band [DC\_R17\_xBLTE\_2BNR\_yDL2UL-Core]

[**R4-2100278**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100278.zip) **TP on summary of self-interference analysis for new NR DC LTE(xDL/1UL)+ NR(2DL/1UL) DC in Rel-17**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: LG Electronics France*

**Abstract:**

propose TP to add the self interference analysis results for the new DC band combos

**Discussion:**

[report of discussion]

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

[**R4-2100279**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100279.zip) **MSD anlaysis results for new DC band combinations**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: LG Electronics France*

**Abstract:**

Propose MSD levels for the new DC band combos with self interfered problems

**Discussion:**

[report of discussion]

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

[**R4-2100298**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100298.zip) **Discussion of MSD for 3DL2UL DC\_21\_n28-n79 due to UL IMD issues**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: Mediatek India Technology Pvt.*

**Discussion:**

[report of discussion]

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

[**R4-2100300**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100300.zip) **TP for TR 37.717-11-21: to update DC\_18\_n3-n41 with IMD3 MSD**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: Mediatek India Technology Pvt.*

**Discussion:**

[report of discussion]

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

[**R4-2100325**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100325.zip) **TP for TR 37.717-11-21:DC\_3A-40A\_n1A-n78A/DC\_3A-40C\_n1A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100326**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100326.zip) **TP for TR 37.717-11-21:DC\_7A-40A\_n1A-n78A/DC\_7A-40C\_n1A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100327**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100327.zip) **TP for TR 37.717-11-21:DC\_8A-40A\_n1A-n78A/DC\_8A-40C\_n1A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100328**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100328.zip) **TP for TR 37.717-11-21:DC\_3A-7A-40A\_n1A-n78A/DC\_3A-7A-40C\_n1A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100329**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100329.zip) **TP for TR 37.717-11-21:DC\_3A-8A-40A\_n1A-n78A/DC\_3A-8A-40C\_n1A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100330**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100330.zip) **TP for TR 37.717-11-21:DC\_7A-8A-40A\_n1A-n78A/DC\_7A-8A-40C\_n1A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100331**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100331.zip) **TP for TR 37.717-11-21:DC\_3A-7A-8A-40A\_n1A-n78A/DC\_3A-7A-8A-40C\_n1A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

[**R4-2100346**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100346.zip) **TP for TR 37.717-11-21: DC\_1-3-18\_n3-n41**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: KDDI Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2100347**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100347.zip) **TP for TR 37.717-11-21: DC\_1-3-18\_n28-n41**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: KDDI Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2100348**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100348.zip) **TP for TR 37.717-11-21: DC\_1-3-18\_n41-n77**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: KDDI Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2100349**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100349.zip) **TP for TR 37.717-11-21: DC\_1-3-18\_n41-n78**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: KDDI Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2100503**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100503.zip) **TP for DC\_1\_n28-n79 for TR 37.717-11-21**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: NTT DOCOMO, INC. MediaTek Inc., LG Electronics*

**Discussion:**

[report of discussion]

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

[**R4-2100504**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100504.zip) **TP for DC\_3\_n28-n79 for TR 37.717-11-21**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: NTT DOCOMO, INC. MediaTek Inc., LG Electronics*

**Discussion:**

[report of discussion]

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

[**R4-2100505**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100505.zip) **TP for DC\_21\_n28-n77 for TR 37.717-11-21**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: NTT DOCOMO, INC. MediaTek Inc., LG Electronics*

**Discussion:**

[report of discussion]

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

[**R4-2100506**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100506.zip) **TP for DC\_21\_n28-n78 for TR 37.717-11-21**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: NTT DOCOMO, INC. MediaTek Inc., LG Electronics*

**Discussion:**

[report of discussion]

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

[**R4-2100507**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100507.zip) **TP for DC\_21\_n28-n79 for TR 37.717-11-21**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: NTT DOCOMO, INC. MediaTek Inc., LG Electronics*

**Discussion:**

[report of discussion]

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

[**R4-2100643**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100643.zip) **TP update for TR 37.717-11-21: EN-DC\_11\_n3-n77**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100644**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100644.zip) **TP update for TR 37.717-11-21: EN-DC\_11\_n28-n77**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100649**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100649.zip) **TP for TR 37.717-11-21: EN-DC\_3-11\_n28-n77**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100650**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100650.zip) **TP for TR 37.717-11-21: EN-DC\_8-11\_n28-n77**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100653**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100653.zip) **TP for TR 37.717-11-21: EN-DC\_1-11\_n3-n77**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100654**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100654.zip) **TP for TR 37.717-11-21: EN-DC\_8-11\_n3-n77**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100660**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100660.zip) **TP for TR 37.717-11-21: EN-DC\_1-11\_n28-n77**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100663**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100663.zip) **TP for TR 37.717-11-21: EN-DC\_1-42\_n3-n28**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100666**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100666.zip) **TP for TR 37.717-11-21: EN-DC\_1-42\_n3-n77**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100667**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100667.zip) **TP for TR 37.717-11-21: EN-DC\_8-42\_n3-n28**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100668**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100668.zip) **TP for TR 37.717-11-21: EN-DC\_8-42\_n3-n77**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100674**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100674.zip) **TP for TR 37.717-11-21: EN-DC\_1-8-11\_n3-n28**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100675**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100675.zip) **TP for TR 37.717-11-21: EN-DC\_1-8-11\_n3-n77**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100676**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100676.zip) **TP for TR 37.717-11-21: EN-DC\_1-3-11\_n28-n77**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100677**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100677.zip) **TP for TR 37.717-11-21: EN-DC\_1-8-11\_n28-n77**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100678**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100678.zip) **TP for TR 37.717-11-21: EN-DC\_1-8-42\_n3-n28**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100679**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100679.zip) **TP for TR 37.717-11-21: EN-DC\_1-8-42\_n3-n77**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100680**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100680.zip) **TP for TR 37.717-11-21: EN-DC\_3-8-11\_n28-n77**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100688**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100688.zip) **TP for TR 37.717-11-21: EN-DC\_1-3-42\_n28-n77**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100689**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100689.zip) **TP for TR 37.717-11-21: EN-DC\_1-3-8-11\_n28-n77**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100706**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100706.zip) **MSD evaluation for TR 37.717-11-21**

*Type: discussion For: Approval  
 37.717-11-21 v..  
 Source: MediaTek Inc.*

**Discussion:**

[report of discussion]

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

[**R4-2101190**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101190.zip) **TP for DC\_1-21\_n28-n77 for TR 37.717-11-21**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101191**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101191.zip) **TP for DC\_1-21\_n28-n78 for TR 37.717-11-21**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101192**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101192.zip) **TP for DC\_1-21\_n28-n79 for TR 37.717-11-21**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101193**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101193.zip) **TP for DC\_1-3\_n28-n79 for TR 37.717-11-21**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101194**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101194.zip) **TP for DC\_3-21\_n28-n77 for TR 37.717-11-21**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101195**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101195.zip) **TP for DC\_3-21\_n28-n78 for TR 37.717-11-21**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101196**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101196.zip) **TP for DC\_3-21\_n28-n79 for TR 37.717-11-21**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101225**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101225.zip) **TP for DC\_1\_n28-n79 for TR 37.717-11-21**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: NTT DOCOMO INC., MediaTek Inc., LG Electronics*

**Discussion:**

[report of discussion]

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

[**R4-2101226**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101226.zip) **TP for DC\_3\_n28-n79 for TR 37.717-11-21**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: NTT DOCOMO INC., MediaTek Inc., LG Electronics*

**Discussion:**

[report of discussion]

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

[**R4-2101227**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101227.zip) **TP for DC\_21\_n28-n77 for TR 37.717-11-21**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: NTT DOCOMO INC. , MediaTek Inc., LG Electronics*

**Discussion:**

[report of discussion]

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

[**R4-2101228**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101228.zip) **TP for DC\_21\_n28-n78 for TR 37.717-11-21**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: NTT DOCOMO INC. , MediaTek Inc., LG Electronics*

**Discussion:**

[report of discussion]

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

[**R4-2101229**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101229.zip) **TP for DC\_21\_n28-n79 for TR 37.717-11-21**

*Type: pCR For: Approval  
 37.717-11-21 v0.1.0  
 Source: NTT DOCOMO INC. , MediaTek Inc., LG Electronics*

**Discussion:**

[report of discussion]

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

[**R4-2101585**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101585.zip) **TP for TR 37.717-11-21:DC\_8A\_n28A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101586**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101586.zip) **TP for TR 37.717-11-21:DC\_1A-8A\_n28A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101587**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101587.zip) **TP for TR 37.717-11-21:DC\_3A-8A\_n28A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101588**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101588.zip) **TP for TR 37.717-11-21:DC\_7A-8A\_n28A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101589**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101589.zip) **TP for TR 37.717-11-21:DC\_1A-3A-8A\_n28A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101590**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101590.zip) **TP for TR 37.717-11-21:DC\_1A-7A-8A\_n28A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101591**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101591.zip) **TP for TR 37.717-11-21:DC\_3A-7A-8A\_n28A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101592**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101592.zip) **TP for TR 37.717-11-21:DC\_1A-3A-7A-8A\_n28A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101593**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101593.zip) **Updated TP for TR 37.717-11-21:DC\_3C-20A\_n1A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101594**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101594.zip) **Updated TP for TR 37.717-11-21:DC\_3C-7A-20A\_n1A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101897**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101897.zip) **TP for TR 37.717-11-21 to include DC\_3A-28A\_n1A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP for TR 37.717-11-21 to include DC\_3A-28A\_n1A-n78A

**Discussion:**

[report of discussion]

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

[**R4-2101898**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101898.zip) **TP for TR 37.717-11-21 to include DC\_7A-28A\_n1A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP for TR 37.717-11-21 to include DC\_7A-28A\_n1A-n78A

**Discussion:**

[report of discussion]

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

[**R4-2101899**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101899.zip) **TP for TR 37.717-11-21 to include DC\_3A-7A-28A\_n1A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP for TR 37.717-11-21 to include DC\_3A-7A-28A\_n1A-n78A

**Discussion:**

[report of discussion]

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

[**R4-2101900**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101900.zip) **TP for TR 37.717-11-21 to include DC\_1A-7A-28A\_n3A-n78A**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP for TR 37.717-11-21 to include DC\_1A-7A-28A\_n3A-n78A

**Discussion:**

[report of discussion]

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

[**R4-2102048**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102048.zip) **draft CR 38.101-3 adding CA\_n7B UL configurations for x LTE + 2 NR**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Ericsson*

**Abstract:**

draft CR 38.101-3 adding CA\_n7B UL configurations for x LTE + 2 NR

**Discussion:**

[report of discussion]

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

[**R4-2102052**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102052.zip) **TP for TR 37.717-11-21 to include 2A\_n71a-n78a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 2A\_n71a-n78a

**Discussion:**

[report of discussion]

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

[**R4-2102053**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102053.zip) **TP for TR 37.717-11-21 to include 7A\_n71a-n78a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 7A\_n71a-n78a

**Discussion:**

[report of discussion]

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

[**R4-2102054**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102054.zip) **TP for TR 37.717-11-21 to include 66A\_n71a-n78a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 66A\_n71a-n78a

**Discussion:**

[report of discussion]

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

[**R4-2102055**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102055.zip) **TP for TR 37.717-11-21 to include 2A\_n38a-n71a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 2A\_n38a-n71a

**Discussion:**

[report of discussion]

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

[**R4-2102056**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102056.zip) **TP for TR 37.717-11-21 to include 66A\_n38a-n71a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 66A\_n38a-n71a

**Discussion:**

[report of discussion]

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

[**R4-2102057**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102057.zip) **TP for TR 37.717-11-21 to include 71A\_n38a-n78a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 71A\_n38a-n78a

**Discussion:**

[report of discussion]

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

[**R4-2102058**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102058.zip) **TP for TR 37.717-11-21 to include 5A\_n66a-n78a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 5A\_n66a-n78a

**Discussion:**

[report of discussion]

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

[**R4-2102059**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102059.zip) **TP for TR 37.717-11-21 to include 71A\_n66a-n78a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 71A\_n66a-n78a

**Discussion:**

[report of discussion]

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

[**R4-2102060**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102060.zip) **TP for TR 37.717-11-21 to include 5A\_n38a-n66a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 5A\_n38a-n66a

**Discussion:**

[report of discussion]

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

[**R4-2102061**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102061.zip) **TP for TR 37.717-11-21 to include 71A\_n38a-n66a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 71A\_n38a-n66a

**Discussion:**

[report of discussion]

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

[**R4-2102062**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102062.zip) **TP for TR 37.717-11-21 to include 2A\_n2a-n38a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 2A\_n2a-n38a

**Discussion:**

[report of discussion]

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

[**R4-2102063**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102063.zip) **TP for TR 37.717-11-21 to include 66A\_n2a-n38a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 66A\_n2a-n38a

**Discussion:**

[report of discussion]

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

[**R4-2102064**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102064.zip) **TP for TR 37.717-11-21 to include 12A\_n2a-n38a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 12A\_n2a-n38a

**Discussion:**

[report of discussion]

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

[**R4-2102065**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102065.zip) **TP for TR 37.717-11-21 to include 2A\_n2a-n41a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 2A\_n2a-n41a

**Discussion:**

[report of discussion]

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

[**R4-2102066**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102066.zip) **TP for TR 37.717-11-21 to include 12A\_n2a-n41a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 12A\_n2a-n41a

**Discussion:**

[report of discussion]

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

[**R4-2102067**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102067.zip) **TP for TR 37.717-11-21 to include 71A\_n2a-n41a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 71A\_n2a-n41a

**Discussion:**

[report of discussion]

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

[**R4-2102068**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102068.zip) **TP for TR 37.717-11-21 to include 2A\_n2a-n78a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 2A\_n2a-n78a

**Discussion:**

[report of discussion]

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

[**R4-2102069**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102069.zip) **TP for TR 37.717-11-21 to include 7A\_n2a-n78a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 7A\_n2a-n78a

**Discussion:**

[report of discussion]

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

[**R4-2102070**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102070.zip) **TP for TR 37.717-11-21 to include 71A\_n2a-n78a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 71A\_n2a-n78a

**Discussion:**

[report of discussion]

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

[**R4-2102071**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102071.zip) **TP for TR 37.717-11-21 to include 2A\_n66a-n71a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 2A\_n66a-n71a

**Discussion:**

[report of discussion]

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

[**R4-2102072**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102072.zip) **TP for TR 37.717-11-21 to include 7A\_n66a-n71a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 7A\_n66a-n71a

**Discussion:**

[report of discussion]

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

[**R4-2102073**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102073.zip) **TP for TR 37.717-11-21 to include 66A\_n66a-n71a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 66A\_n66a-n71a

**Discussion:**

[report of discussion]

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

[**R4-2102074**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102074.zip) **TP for TR 37.717-11-21 to include 2A\_n2a-n71a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 2A\_n2a-n71a

**Discussion:**

[report of discussion]

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

[**R4-2102075**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102075.zip) **TP for TR 37.717-11-21 to include 7A\_n2a-n71a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 7A\_n2a-n71a

**Discussion:**

[report of discussion]

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

[**R4-2102076**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102076.zip) **TP for TR 37.717-11-21 to include 66A\_n2a-n71a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 66A\_n2a-n71a

**Discussion:**

[report of discussion]

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

[**R4-2102077**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102077.zip) **TP for TR 37.717-11-21 to include 2A\_n2a-n66a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 2A\_n2a-n66a

**Discussion:**

[report of discussion]

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

[**R4-2102078**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102078.zip) **TP for TR 37.717-11-21 to include 7A\_n2a-n66a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 7A\_n2a-n66a

**Discussion:**

[report of discussion]

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

[**R4-2102079**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102079.zip) **TP for TR 37.717-11-21 to include 66A\_n2a-n66a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 66A\_n2a-n66a

**Discussion:**

[report of discussion]

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

[**R4-2102080**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102080.zip) **TP for TR 37.717-11-21 to include 71A\_n2a-n66a**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson, Rogers*

**Abstract:**

TP for TR 37.717-11-21 to include 71A\_n2a-n66a

**Discussion:**

[report of discussion]

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

#### 9.7.3 EN-DC including NR inter CA with FR2 band [DC\_R17\_xBLTE\_2BNR\_yDL2UL-Core]

[**R4-2101901**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101901.zip) **TP for TR 37.717-11-21 to include DC\_1A-3A-7A-28A\_n78A-n257A/G/H/I**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: Ericsson*

**Abstract:**

TP for TR 37.717-11-21 to include DC\_1A-3A-7A-28A\_n78A-n257A/G/H/I

**Discussion:**

[report of discussion]

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

[**R4-2102214**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102214.zip) **TP for 37.717-11-21\_ DC\_39\_n40-n258**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102215**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102215.zip) **TP for 37.717-11-21\_ DC\_39\_n41-n258**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102216**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102216.zip) **TP for 37.717-11-21\_ DC\_39\_n79-n258**

*Type: pCR For: Approval  
 37.717-11-21 v0.2.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

### 9.8 Band combinations for SA NR supplementary uplink (SUL)

#### 9.8.1 Rapporteur Input (WID/TR/CR) [NR\_SUL\_combos\_R17-Core/Per]

[**R4-2100291**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100291.zip) **Revised WID on Band combinations for SA NR Supplementary uplink (SUL), NSA NR SUL, NSA NR SUL with UL sharing from the UE perspective (ULSUP)**

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

**Discussion:**

[report of discussion]

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

[**R4-2100292**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100292.zip) **TR 37.717-00-00 v0.3.0**

*Type: draft TR For: Agreement  
 37.717-00-00 v0.2.0  
 Source: Huawei, HiSilicon*

**Abstract:**

To capture the approved TPs in this meeting

**Discussion:**

[report of discussion]

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

[**R4-2100293**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100293.zip) **CR on Introduction of completed SUL band combinations into TS 38.101-1**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0607 Cat: B (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2100294**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100294.zip) **CR on Introduction of completed SUL band combinations into TS 38.101-3**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0439 Cat: B (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

#### 9.8.2 UE RF [NR\_SUL\_combos\_R17-Core]

[**R4-2101603**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101603.zip) **TP for TR 37.717-00-00 for CA\_n3A\_SUL\_n78A-n80A**

*Type: pCR For: Approval  
 37.717-00-00 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101604**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101604.zip) **TP for TR 37.717-00-00 for CA\_n41A\_SUL\_n79A-n83A**

*Type: pCR For: Approval  
 37.717-00-00 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101605**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101605.zip) **TP for TR 37.717-00-00 for CA\_n79A\_SUL\_n41A-n83A**

*Type: pCR For: Approval  
 37.717-00-00 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101606**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101606.zip) **DraftCR for 38.101-1 to add configuration for SUL\_n41C-n95A**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101607**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101607.zip) **DraftCR for 38.101-1 to add configuration for SUL\_n79C-n95A**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101608**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101608.zip) **TP for TR 37.717-00-00 for SUL\_n41A-n97A**

*Type: pCR For: Approval  
 37.717-00-00 v0.2.0  
 Source: Huawei, HiSilicon, CMCC*

**Discussion:**

[report of discussion]

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

[**R4-2101609**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101609.zip) **TP for TR 37.717-00-00 for SUL\_n79A-n97A**

*Type: pCR For: Approval  
 37.717-00-00 v0.2.0  
 Source: Huawei, HiSilicon, CMCC*

**Discussion:**

[report of discussion]

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

[**R4-2101610**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101610.zip) **TP for TR 37.717-00-00 for SUL\_n41A-n98A**

*Type: pCR For: Approval  
 37.717-00-00 v0.2.0  
 Source: Huawei, HiSilicon, CMCC*

**Discussion:**

[report of discussion]

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

[**R4-2101611**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101611.zip) **TP for TR 37.717-00-00 for SUL\_n79A-n98A**

*Type: pCR For: Approval  
 37.717-00-00 v0.2.0  
 Source: Huawei, HiSilicon, CMCC*

**Discussion:**

[report of discussion]

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

### 9.9 NR Inter-band Carrier Aggregation for 3 bands DL with 1 band UL [NR\_CA\_R17\_3BDL\_1BUL]

#### 9.9.1 Rapporteur Input (WID/TR/CR) [NR\_CA\_R17\_3BDL\_1BUL-Core/Per]

[**R4-2100492**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100492.zip) **TR 38.717-03-01 on Rel-17 NR inter-band Carrier Aggregation (CA) for 3 Down Link (DL) / 1 Up Link (UL)**

*Type: draft TR For: Agreement  
 38.717-03-01 v0.2.0  
 Source: CATT*

**Discussion:**

[report of discussion]

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

[**R4-2100493**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100493.zip) **Revised WID on Rel-17 NR inter-band CA of 3DL bands and 1UL band**

*Type: WID revised For: Approval  
 Source: CATT*

**Discussion:**

[report of discussion]

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

#### 9.9.2 UE RF [NR\_CA\_R17\_3BDL\_1BUL-Core]

[**R4-2100093**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100093.zip) **Draft CR on CA\_n1-n3-n78**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: China Unicom*

**Discussion:**

[report of discussion]

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

[**R4-2100494**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100494.zip) **CR on Introducing NR inter-band CA for 3DL Bands and 1UL band for 38.101-1**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0617 Cat: B (Rel-17)  
  
 Source: CATT*

**Discussion:**

[report of discussion]

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

[**R4-2100495**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100495.zip) **CR on Introducing NR inter-band CA for 3DL Bands and 1UL band for 38.101-3**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0442 Cat: B (Rel-17)  
  
 Source: CATT*

**Discussion:**

[report of discussion]

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

[**R4-2100497**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100497.zip) **Correction on supported channel bandwidth for n79**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0443 Cat: F (Rel-16)  
  
 Source: CATT*

**Discussion:**

[report of discussion]

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

[**R4-2100498**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100498.zip) **Correction on supported channel bandwidth for n79**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0444 Cat: A (Rel-17)  
  
 Source: CATT*

**Discussion:**

[report of discussion]

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

[**R4-2100683**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100683.zip) **Correction on supported channel bandwidth for CA\_n39-n41-n79**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0626 Cat: F (Rel-16)  
  
 Source: CATT, CMCC*

**Discussion:**

[report of discussion]

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

[**R4-2100684**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100684.zip) **Correction on supported channel bandwidth for CA\_n39-n41-n79**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0627 Cat: A (Rel-17)  
  
 Source: CATT, CMCC*

**Discussion:**

[report of discussion]

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

[**R4-2100738**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100738.zip) **TP to TR 38.717-03-01 CA\_n5-n25-n77**

*Type: other For: Approval  
 38.717-03-01 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

In this contribution, a text proposal to complete 3DL/1UL NR CA configuration CA\_n5A-n25A-n77A is provided.

**Discussion:**

[report of discussion]

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

[**R4-2100739**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100739.zip) **TP to TR 38.717-03-01 CA\_n25-n66-n77**

*Type: other For: Approval  
 38.717-03-01 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

In this contribution, a text proposal to complete 3DL/1UL NR CA configuration CA\_n25A-n66A-n77A is provided.

**Discussion:**

[report of discussion]

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

[**R4-2100952**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100952.zip) **TP for TR 38.717-03-01: CA\_n3-n18-n41**

*Type: pCR For: Approval  
 38.717-03-01 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100953**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100953.zip) **TP for TR 38.717-03-01: CA\_n3A-n28A-n77(2A)**

*Type: pCR For: Approval  
 38.717-03-01 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100954**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100954.zip) **TP for TR 38.717-03-01: CA\_n3A-n28A-n78(2A)**

*Type: pCR For: Approval  
 38.717-03-01 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100955**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100955.zip) **TP for TR 38.717-03-01: CA\_n3A-n41A-n77(2A)**

*Type: pCR For: Approval  
 38.717-03-01 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100956**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100956.zip) **TP for TR 38.717-03-01: CA\_n3A-n41A-n78(2A)**

*Type: pCR For: Approval  
 38.717-03-01 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100957**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100957.zip) **TP for TR 38.717-03-01: CA\_n28A-n41A-n77(2A)**

*Type: pCR For: Approval  
 38.717-03-01 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100958**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100958.zip) **TP for TR 38.717-03-01: CA\_n28A-n41A-n78(2A)**

*Type: pCR For: Approval  
 38.717-03-01 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100979**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100979.zip) **TP for TR 38.717-03-01: CA\_n13-n25-n66**

*Type: pCR For: Approval  
 38.717-03-01 v0.2.0  
 Source: Samsung, TELUS, Bell mobility*

**Discussion:**

[report of discussion]

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

[**R4-2100980**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100980.zip) **TP for TR 38.717-03-01: CA\_n25A-n29A-n66A**

*Type: pCR For: Approval  
 38.717-03-01 v0.2.0  
 Source: Samsung, TELUS, Bell mobility*

**Discussion:**

[report of discussion]

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

[**R4-2101113**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101113.zip) **TP for TR 38.717-03-01: support of CA\_n1-n78-n257**

*Type: pCR For: Approval  
 38.717-03-01 v0.1.0  
 Source: CHTTL*

**Discussion:**

[report of discussion]

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

[**R4-2101188**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101188.zip) **TP for CA\_n28-n77-n79 for TR 38.717-03-01**

*Type: pCR For: Approval  
 38.717-03-01 v0.1.0  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101189**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101189.zip) **TP for CA\_n28-n78-n79 for TR 38.717-03-01**

*Type: pCR For: Approval  
 38.717-03-01 v0.1.0  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101595**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101595.zip) **DraftCR for 38.101-1 to add BCS1 for CA\_n1A-n8A-n78A**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101596**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101596.zip) **TP for TR 38.717-03-01: CA\_n1A-n8A-n79A**

*Type: pCR For: Approval  
 38.717-03-01 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101597**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101597.zip) **Updated TP for TR 38.717-03-01: to add configuration CA\_n1A-n78(2A)-n79A and CA\_n1A-n78A-n79A\_BCS1**

*Type: pCR For: Approval  
 38.717-03-01 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2101598**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101598.zip) **TP for TR 38.717-03-01: CA\_n8A-n78A-n79A/CA\_n8A-n78(2A)-n79A**

*Type: pCR For: Approval  
 38.717-03-01 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

[**R4-2102217**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102217.zip) **TP for TR38.717-03-01\_ CA\_n8A-n39A-n41A**

*Type: pCR For: Approval  
 38.717-03-01 v0.2.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

### 9.10 NR Inter-band Carrier Aggregation for 4 bands DL with 1 band UL [NR\_CA\_R17\_4BDL\_1BUL]

#### 9.10.1 Rapporteur Input (WID/TR/CR) [NR\_CA\_R17\_4BDL\_1BUL-Core/Per]

[**R4-2101885**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101885.zip) **Revised WID 4 bands NR CA Rel-17**

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

**Abstract:**

Revised WID 4 bands NR CA Rel-17

**Discussion:**

[report of discussion]

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

[**R4-2101889**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101889.zip) **CR introduction completed band combinations NR Inter-band 4 bands CA -> 38.101-1**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0658 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

CR introduction completed band combinations NR Inter-band 4 bands CA -> 38.101-1

**Discussion:**

[report of discussion]

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

[**R4-2101890**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101890.zip) **CR introduction completed band combinations NR Inter-band 4 bands CA -> 38.101-3**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0472 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

CR introduction completed band combinations NR Inter-band 4 bands CA -> 38.101-3

**Discussion:**

[report of discussion]

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

[**R4-2101893**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101893.zip) **TR 38.717-04-01 v0.3.0 Rel-17 NR Inter-band 4 bands CA**

*Type: draft TR For: Agreement  
 38.717-04-01 v0.2.0  
 Source: Ericsson*

**Abstract:**

TR 38.717-04-01 v0.3.0 Rel-17 NR Inter-band 4 bands CA

**Discussion:**

[report of discussion]

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

#### 9.10.2 UE RF [NR\_CA\_R17\_4BDL\_1BUL-Core]

[**R4-2101904**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101904.zip) **TP for TR 38.717-04-01 to include CA\_n41-n66-n71-n77**

*Type: pCR For: Approval  
 38.717-04-01 v0.2.0  
 Source: Ericsson, T-Mobile US*

**Abstract:**

TP for TR 38.717-04-01 to include CA\_n41-n66-n71-n77

**Discussion:**

[report of discussion]

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

### 9.11 NR Inter-band Carrier Aggregation/Dual connectivity for 3 bands DL with 2 bands UL [NR\_CADC\_R17\_3BDL\_2BUL]

#### 9.11.1 Rapporteur Input (WID/TR/CR) [NR\_CADC\_R17\_3BDL\_2BUL-Core/Per]

[**R4-2102225**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102225.zip) **Revised WID on Rel-17 NR Inter-band Carrier AggregationDual Connectivity for 3 bands DL with 2 bands UL**

*Type: WID revised For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102226**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102226.zip) **CR to reflect the completed NR inter band CA DC combinations for 3 bands DL with 2 bands UL into TS 38.101-1**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision: Withdrawn.**

**R4-2102945 CR to reflect the completed NR inter band CA DC combinations for 3 bands DL with 2 bands UL into TS 38.101-1**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0716 Cat: B (Rel-17)  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102227**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102227.zip) **CR to reflect the completed NR inter band CA DC combinations for 3 bands DL with 2 bands UL into TS 38.101-3**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision: Withdrawn.**

**R4-2102946 CR to reflect the completed NR inter band CA DC combinations for 3 bands DL with 2 bands UL into TS 38.101-3**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0497 Cat: B (Rel-17)  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102305**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102305.zip) **TR 38.717-03-02 v0.3.0**

*Type: draft TR For: Agreement  
 38.717-03-02 v0.3.0  
 Source: ZTE Wistron Telecom AB*

**Discussion:**

[report of discussion]

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

#### 9.11.2 UE RF [NR\_CADC\_R17\_3BDL\_2BUL-Core]

[**R4-2100153**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100153.zip) **Draft CR Addition of BCS1 for CA\_n25A-n71(2A), CA\_n41(2A)-n66A and CA\_n66A-n71(2A)**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: Nokia, T-Mobile USA*

**Discussion:**

[report of discussion]

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

[**R4-2100157**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100157.zip) **TP to TR 38.717-03-02: CA\_n25-n41-n66**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Nokia, T-Mobile USA*

**Discussion:**

[report of discussion]

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

[**R4-2100158**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100158.zip) **TP to TR 38.717-03-02: CA\_n25-n41-n71**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Nokia, T-Mobile USA*

**Discussion:**

[report of discussion]

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

[**R4-2100698**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100698.zip) **Draft CR for TS 38.101-1: Support of DC\_ n3-n28-n77**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100700**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100700.zip) **Draft CR for TS 38.101-3: Support of n77(2A) in DC\_ n28-n77-n257**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100740**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100740.zip) **TP to TR 38.717-03-02 CA\_n5-n25-n77**

*Type: other For: Approval  
 38.717-03-02 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

In this contribution, a text proposal to complete 3DL/2UL NR CA configuration CA\_n5A-n25A-n77A is provided.

**Discussion:**

[report of discussion]

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

[**R4-2100741**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100741.zip) **TP to TR 38.717-03-02 CA\_n25-n66-n77**

*Type: other For: Approval  
 38.717-03-02 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

In this contribution, a text proposal to complete 3DL/2UL NR CA configuration CA\_n25A-n66A-n77A is provided.

**Discussion:**

[report of discussion]

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

[**R4-2100959**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100959.zip) **TP for TR 38.717-03-02: CA\_n3-n28-n78**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100960**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100960.zip) **TP for TR 38.717-03-02: DC\_n3-n41-n257**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100961**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100961.zip) **TP for TR 38.717-03-02: DC\_n28-n41-n257**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100962**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100962.zip) **TP for TR 38.717-03-02: DC\_n41-n77-n257**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100963**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100963.zip) **TP for TR 38.717-03-02: DC\_n41-n78-n257**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100964**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100964.zip) **TP for TR 38.717-03-02: CA\_n3-n18-n41**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100965**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100965.zip) **TP for TR 38.717-03-02: CA\_n3-n28-n41**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100966**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100966.zip) **TP for TR 38.717-03-02: CA\_n3-n28-n77**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100967**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100967.zip) **TP for TR 38.717-03-02: CA\_n3-n41-n77**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100968**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100968.zip) **TP for TR 38.717-03-02: CA\_n3-n41-n78**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100969**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100969.zip) **TP for TR 38.717-03-02: CA\_n28-n41-n77**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100970**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100970.zip) **TP for TR 38.717-03-02: CA\_n28-n41-n78**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100981**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100981.zip) **TP for TR 38.717-03-02: CA\_n25-n29-n66**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Samsung, TELUS, Bell mobility*

**Discussion:**

[report of discussion]

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

[**R4-2100982**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100982.zip) **TP for TR 38.717-03-02: CA\_n13-n25-n66**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Samsung, TELUS, Bell mobility*

**Discussion:**

[report of discussion]

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

[**R4-2101158**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101158.zip) **MSD evaluation for CA 3DL2UL n1-n77-n79 for TR 38.717-03-02**

*Type: other For: Approval  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

[**R4-2101198**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101198.zip) **draft CR to TS 38.101-1 Modification of MSD values for n1-n77-n79 and n1-n78-n79**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101513**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101513.zip) **TP for TR 38.717-03-02: CA\_n66-n71-n78**

*Type: pCR For: Approval  
 38.717-03-01 v0.3.0  
 Source: Huawei, HiSilicon, Bell Mobility, Telus*

**Discussion:**

[report of discussion]

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

[**R4-2101514**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101514.zip) **TP for TR 38.717-03-02: CA\_n38A-n66A-n78A**

*Type: pCR For: Approval  
 38.717-03-01 v0.3.0  
 Source: Huawei, HiSilicon, Bell Mobility, Telus*

**Discussion:**

[report of discussion]

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

[**R4-2101515**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101515.zip) **TP for TR 38.717-03-02: CA\_n25A-n38A-n78A**

*Type: pCR For: Approval  
 38.717-03-01 v0.3.0  
 Source: Huawei, HiSilicon, Bell Mobility, Telus*

**Discussion:**

[report of discussion]

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

[**R4-2101902**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101902.zip) **TP for 38.717-03-02 to include n25-n66-n71**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Ericsson, T-Mobile US*

**Abstract:**

TP for 38.717-03-02 to include n25-n66-n71

**Discussion:**

[report of discussion]

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

[**R4-2101903**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101903.zip) **TP for 38.717-03-02 to include n41-n66-n71**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Ericsson, T-Mobile US*

**Abstract:**

TP for 38.717-03-02 to include n41-n66-n71

**Discussion:**

[report of discussion]

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

[**R4-2102316**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102316.zip) **TP for 38.717-03-02 to include n25-n41-n66**

*Type: pCR For: Approval  
 38.717-03-02 v0.2.0  
 Source: Ericsson, Bell Mobility*

**Abstract:**

TP for 38.717-03-02 to include n25-n41-n66

**Discussion:**

[report of discussion]

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

### 9.12 DC of x bands (x=1,2) LTE inter-band CA (xDL/xUL) and y bands (y=3-x) NR inter-band CA [DC\_R17\_xBLTE\_yBNR\_3DL3UL]

#### 9.12.1 Rapporteur Input (WID/TR/CR) [DC\_R17\_xBLTE\_yBNR\_3DL3UL-Core/Per]

[**R4-2102228**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102228.zip) **Revised WID on Rel-17 Dual Connectivity (DC) x bands (x=1,2) LTE inter-band CA (xDL/xUL) and y bands (y=3-x) NR inter-band CA**

*Type: WID revised For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102229**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102229.zip) **CR to reflect the completed ENDC combinations for 3 bands DL with 3 bands UL into TS 38.101-3**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision: Withdrawn.**

**R4-2102947 CR to reflect the completed ENDC combinations for 3 bands DL with 3 bands UL into TS 38.101-3**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0498 Cat: B (Rel-17)  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102230**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102230.zip) **TR 37.717-33 v0.2.0**

*Type: draft TR For: Agreement  
 37.717-33 v0.1.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

#### 9.12.2 UE RF [DC\_R17\_xBLTE\_yBNR\_3DL3UL-Core]

[**R4-2102218**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102218.zip) **TP for TR 37.717-33\_DC\_40A\_n41A-n258A**

*Type: pCR For: Approval  
 37.717-33 v0.1.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

### 9.13 DC of x bands (x=1,2,3) LTE inter-band CA (xDL/1UL) and 3 bands NR inter-band CA (3DL/1UL) [DC\_R17\_xBLTE\_3BNR\_yDL2UL]

#### 9.13.1 Rapporteur Input (WID/TR/CR) [DC\_R17\_xBLTE\_3BNR\_yDL2UL -Core/Per]

[**R4-2102231**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102231.zip) **Revised WID on Rel-17 Dual Connectivity (DC) of x bands (x=1,2,3) LTE inter-band CA (xDL1UL) and 3 bands NR inter-band CA (3DL1UL)**

*Type: WID revised For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

[**R4-2102232**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102232.zip) **TR 37.717-11-31\_v0.3.0**

*Type: draft TR For: Agreement  
 37.717-11-31 v0.2.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

**R4-2102948 CR to reflect the completed Dual Connectivity (DC) of x bands (x=1,2,3) LTE inter-band CA (xDL1UL) and 3 bands NR inter-band CA (3DL1UL) into TS38.101-3**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0499 Cat: B (Rel-17)  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

#### 9.13.2 UE RF [DC\_R17\_xBLTE\_3BNR\_yDL2UL-Core]

[**R4-2100669**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100669.zip) **TP for TR 37.717-11-31: EN-DC\_11\_n3-n28-n77**

*Type: pCR For: Approval  
 37.717-11-31 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100670**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100670.zip) **TP for TR 37.717-11-31: EN-DC\_42\_n3-n28-n77**

*Type: pCR For: Approval  
 37.717-11-31 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100681**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100681.zip) **TP for TR 37.717-11-31: EN-DC\_1-8\_n3-n28-n77**

*Type: pCR For: Approval  
 37.717-11-31 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100682**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100682.zip) **TP for TR 37.717-11-31: EN-DC\_1-11\_n3-n28-n77**

*Type: pCR For: Approval  
 37.717-11-31 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100685**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100685.zip) **TP for TR 37.717-11-31: EN-DC\_1-42\_n3-n28-n77**

*Type: pCR For: Approval  
 37.717-11-31 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100686**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100686.zip) **TP for TR 37.717-11-31: EN-DC\_8-11\_n3-n28-n77**

*Type: pCR For: Approval  
 37.717-11-31 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100687**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100687.zip) **TP for TR 37.717-11-31: EN-DC\_8-42\_n3-n28-n77**

*Type: pCR For: Approval  
 37.717-11-31 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100690**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100690.zip) **TP for TR 37.717-11-31: EN-DC\_1-8-11\_n3-n28-n77**

*Type: pCR For: Approval  
 37.717-11-31 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100691**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100691.zip) **TP for TR 37.717-11-31: EN-DC\_1-8-42\_n3-n28-n77**

*Type: pCR For: Approval  
 37.717-11-31 v0.1.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2101019**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101019.zip) **TP for DC\_1A\_n28A-n77A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101020**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101020.zip) **TP for DC\_1A\_n28A-n78A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101021**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101021.zip) **TP for DC\_3A\_n1A-n77A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101022**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101022.zip) **TP for DC\_3A\_n1A-n78A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101023**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101023.zip) **TP for DC\_3A\_n28A-n77A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101024**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101024.zip) **TP for DC\_3A\_n28A-n78A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101025**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101025.zip) **TP for DC\_19A\_n1A-n77A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101026**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101026.zip) **TP for DC\_19A\_n1A-n78A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101027**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101027.zip) **TP for DC\_21A\_n1A-n77A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101028**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101028.zip) **TP for DC\_21A\_n1A-n78A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101029**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101029.zip) **TP for DC\_21A\_n28A-n77A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101030**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101030.zip) **TP for DC\_21A\_n28A-n78A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101031**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101031.zip) **TP for DC\_1A-3A\_n28A-n77A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101032**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101032.zip) **TP for DC\_1A-3A\_n28A-n78A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101033**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101033.zip) **TP for DC\_1A-21A\_n28A-n77A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101034**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101034.zip) **TP for DC\_1A-21A\_n28A-n78A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101035**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101035.zip) **TP for DC\_3A-21A\_n1A-n77A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101036**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101036.zip) **TP for DC\_3A-21A\_n1A-n78A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101037**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101037.zip) **TP for DC\_3A-21A\_n28A-n77A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101038**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101038.zip) **TP for DC\_3A-21A\_n28A-n78A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101039**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101039.zip) **TP for DC\_19A-42A\_n1A-n77A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101040**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101040.zip) **TP for DC\_19A-42A\_n1A-n78A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: NTT DOCOMO, INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101186**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101186.zip) **TP for DC\_42A\_n1A-n77A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.1.0  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

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

[**R4-2101187**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101187.zip) **TP for DC\_42A\_n1A-n78A-n79A for TR37.717-11-31**

*Type: pCR For: Approval  
 37.717-11-31 v0.1.0  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

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

[**R4-2102219**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102219.zip) **TP for 37.717-11-31\_ DC\_8A\_n39A-n40A-n41A**

*Type: pCR For: Approval  
 37.717-11-31 v0.2.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

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

### 9.14 NR inter-band Carrier Aggregation and Dual connectivity for DL 4 bands and 2UL bands [NR\_CADC\_R17\_4BDL\_2BUL]

#### 9.14.1 Rapporteur Input (WID/TR/CR) [NR\_CADC\_R17\_4BDL\_2BUL -Core/Per]

[**R4-2100990**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100990.zip) **CR on introduction of completed NR CA/DC combs with 4DL/2UL within FR1**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0636 Cat: B (Rel-17)  
  
 Source: Samsung*

**Discussion:**

[report of discussion]

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

[**R4-2100991**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100991.zip) **CR on introduction of completed NR CA/DC combs with 4DL/2UL including FR2**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0454 Cat: B (Rel-17)  
  
 Source: Samsung*

**Discussion:**

[report of discussion]

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

[**R4-2100992**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100992.zip) **Revised WID on NR CA/DC with 4DL/2UL**

*Type: WID revised For: Information  
 Source: Samsung*

**Discussion:**

[report of discussion]

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

[**R4-2101482**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101482.zip) **TR38.717-04-02 update version 0.3.0**

*Type: draft TR For: Agreement  
 38.717-04-02 v0.2.0  
 Source: Samsung R&D Institute India*

**Discussion:**

[report of discussion]

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

#### 9.14.2 UE RF [NR\_CADC\_R17\_4BDL\_2BUL -Core]

[**R4-2100701**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100701.zip) **Draft CR for TS 38.101-3: Support of UL CA in CA\_n3-n28-n77-n257**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

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

[**R4-2100971**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100971.zip) **TP for TR 38.717-04-02: CA\_n3-n28-n41-n77**

*Type: pCR For: Approval  
 38.717-04-02 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2100972**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100972.zip) **TP for TR 38.717-04-02: CA\_n3-n28-n41-n78**

*Type: pCR For: Approval  
 38.717-04-02 v0.2.0  
 Source: Samsung, KDDI*

**Discussion:**

[report of discussion]

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

[**R4-2101905**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101905.zip) **TP for TR 38.717-04-02 to include CA\_n41-n66-n71-n77**

*Type: pCR For: Approval  
 38.717-04-02 v0.2.0  
 Source: Ericsson, T-Mobile US*

**Abstract:**

TP for TR 38.717-04-02 to include CA\_n41-n66-n71-n77

**Discussion:**

[report of discussion]

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

[**R4-2101906**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101906.zip) **TP for TR 38.717-04-02 to include CA\_n25-n41-n66-n71**

*Type: pCR For: Approval  
 38.717-04-02 v0.2.0  
 Source: Ericsson, T-Mobile US*

**Abstract:**

TP for TR 38.717-04-02 to include CA\_n25-n41-n66-n71

**Discussion:**

[report of discussion]

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

### 9.15 NR inter-band CA for 5 bands DL with x bands UL (x=1, 2) [NR\_CADC\_R17\_5BDL\_xBUL\_3DL3UL]

#### 9.15.1 Rapporteur Input (WID/TR/CR) [NR\_CADC\_R17\_5BDL\_xBUL -Core/Per]

[**R4-2100295**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100295.zip) **Revised WID on NR inter-band CA for 5 bands DL with x bands UL (x=1, 2)**

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

**Discussion:**

[report of discussion]

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

[**R4-2100296**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100296.zip) **TR 38.717-05-01 v0.2.0**

*Type: draft TR For: Agreement  
 38.717-05-01 v0.1.0  
 Source: Huawei, HiSilicon*

**Abstract:**

To capture the approved TPs in this meeting

**Discussion:**

[report of discussion]

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

[**R4-2100297**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100297.zip) **CR on Introduction of completed 5 bands inter-band CA into TS 38.101-1**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0608 Cat: B (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

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

#### 9.15.2 UE RF [NR\_CADC\_R17\_5BDL\_xBUL -Core]

### 9.16 DC of 5 bands LTE inter-band CA (5DL/1L) and 1 NR band (1DL/1UL) [DC\_R17\_5BLTE\_1BNR\_6DL2UL]

#### 9.16.1 Rapporteur Input (WID/TR/CR) [DC\_R17\_5BLTE\_1BNR\_6DL2UL-Core/Per]

[**R4-2100988**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100988.zip) **CR introduction completed band combinations for Dual Connectivity (DC) of 5 bands LTE inter-band CA (5DL/1UL) and 1 NR band (1DL/1UL)**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0453 Cat: B (Rel-17)  
  
 Source: Samsung*

**Discussion:**

[report of discussion]

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

[**R4-2100989**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100989.zip) **Revised WID on Dual Connectivity (DC) of 5 bands LTE inter-band CA (5DL/1UL) and 1 NR band (1DL/1UL)**

*Type: WID revised For: Information  
 Source: Samsung*

**Discussion:**

[report of discussion]

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

[**R4-2101483**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101483.zip) **TR 37.717-51-11 update version 0.2.0**

*Type: draft TR For: Agreement  
 37.717-51-11 v0.1.0  
 Source: Samsung R&D Institute India*

**Discussion:**

[report of discussion]

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

#### 9.16.2 UE RF [DC\_R17\_5BLTE\_1BNR\_6DL2UL-Core]

[**R4-2100324**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100324.zip) **Draft CR for 38.101-3 to introduce new inter-band EN-DC (1NR band +5LTE band) within FR1 DC\_1A-3A-7A-8A-40A\_n78(2A)/DC\_1A-3A-7A-8A-40C\_n78(2A)**

*Type: draftCR For: Endorsement  
 38.101-3 v17.0.0  
 Source: Huawei,HiSilicon*

**Abstract:**

3HK's new band combination

**Discussion:**

[report of discussion]

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

### 9.17 DC of x bands (x=2,3,4) LTE inter-band CA (xDL/1UL) and 1 NR FR1 band (1DL/1UL) and 1 NR FR2 band (1DL/1UL) [DC\_R17\_xBLTE\_2BNR\_yDL3UL]

#### 9.17.1 Rapporteur Input (WID/TR/CR) [DC\_R17\_xBLTE\_2BNR\_yDL3UL-Core/Per]

[**R4-2100986**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100986.zip) **CR introduction completed band combinations for Dual Connectivity (DC) of x bands (x=2,3,4) LTE inter-band CA (xDL/1UL) and 1 NR FR1 band (1DL/1UL) and 1 NR FR2 band (1DL/1UL)**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0452 Cat: B (Rel-17)  
  
 Source: Samsung*

**Discussion:**

[report of discussion]

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

[**R4-2100987**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100987.zip) **Revised WID on Dual Connectivity (DC) of x bands (x=2,3,4) LTE inter-band CA (xDL/1UL) and 1 NR FR1 band (1DL/1UL) and 1 NR FR2 band (1DL/1UL)**

*Type: WID revised For: Information  
 Source: Samsung*

**Discussion:**

[report of discussion]

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

[**R4-2101486**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101486.zip) **TR 37.717-21-22 update version 0.2.0**

*Type: draft TR For: Agreement  
 37.717-21-22 v0.1.0  
 Source: Samsung R&D Institute India*

**Discussion:**

[report of discussion]

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

#### 9.17.2 UE RF [DC\_R17\_xBLTE\_2BNR\_yDL3UL-Core]

### 9.18 SAR schemes for UE power class 2 (PC2) for NR inter-band Carrier Aggregation and supplemental uplink (SUL) configurations with 2 bands UL [NR\_SAR\_PC2\_interB\_SUL\_2BUL]

**R4-2102965 Email discussion summary for [98e][117] NR\_SAR\_PC2\_interB\_SUL\_2BUL**

*Type: other For: Information  
 Source: Moderator (China Telecom)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 9.18.1 General and Rapporteur Input (WID/TR/CR) [NR\_SAR\_PC2\_interB\_SUL\_2BUL-Core/Per]

[**R4-2101109**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101109.zip) **MSD analysis on high power UE for CA\_n41-n79**

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

**Discussion:**

[report of discussion]

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

[**R4-2101122**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101122.zip) **CR to 38.307 Release independence for UE power class 2 NR inter-band CA and SUL configurations (R15)**

*Type: CR For: Agreement  
 38.307 v15.7.0 CR-0049 Cat: B (Rel-15)  
  
 Source: China Telecom*

**Discussion:**

[report of discussion]

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

[**R4-2101123**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101123.zip) **CR to 38.307 Release independence for UE power class 2 NR inter-band CA and SUL configurations (R16)**

*Type: CR For: Agreement  
 38.307 v16.5.0 CR-0050 Cat: B (Rel-16)  
  
 Source: China Telecom*

**Discussion:**

[report of discussion]

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

[**R4-2101124**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101124.zip) **CR to 38.307 Release independence for UE power class 2 NR inter-band CA and SUL configurations (R17)**

*Type: CR For: Agreement  
 38.307 v17.0.0 CR-0051 Cat: B (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

[report of discussion]

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

#### 9.18.2 PC2 for inter-band CA [NR\_SAR\_PC2\_interB\_SUL\_2BUL-Core]

[**R4-2100100**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100100.zip) **Discussion on SAR issues for PC2 NR inter-band CA and SUL configurations**

*Type: discussion For: Discussion  
 Source: CMCC*

**Discussion:**

[report of discussion]

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

[**R4-2101101**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101101.zip) **Discussion on SAR issue for HP UE inter-band UL CA**

*Type: other For: Approval  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

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

[**R4-2101117**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101117.zip) **Discussion on SAR schemes for UE power class 2 NR inter-band CA with 2UL**

*Type: discussion For: Discussion  
 Source: China Telecom*

**Abstract:**

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**Discussion:**

[report of discussion]

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

[**R4-2101119**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101119.zip) **draft CR to 38.101-1 Introduce SAR solution for UE power class 2 NR inter-band CA with 2UL**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: China Telecom*

**Discussion:**

[report of discussion]

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

[**R4-2101726**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101726.zip) **Methods for faciliating SAR compliance for inter-band UL CA**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

In this contribution we propose that duty-cycle reporting is not specified. Power limits combined with the P-MPR method should be used instead. We also discuss power prioritization and PHR for HPUE.

**Discussion:**

[report of discussion]

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

[**R4-2101752**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101752.zip) **Discussion on inter-band CA HPUE SAR**

*Type: discussion For: Approval  
 Source: OPPO*

**Discussion:**

[report of discussion]

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

[**R4-2102139**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102139.zip) **Further discussion on SAR solution for NR PC2 inter-band CA**

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

**Discussion:**

[report of discussion]

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

[**R4-2102190**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102190.zip) **Further discussion on SAR solution for NR PC2 inter-band CA**

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

**Discussion:**

[report of discussion]

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

[**R4-2102287**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102287.zip) **On the SAR solutions for UL CA band combinations**

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

**Discussion:**

[report of discussion]

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

[**R4-2102712**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102712.zip) **Discussion on SAR solution for PC2 inter-band NR CA**

*Type: discussion For: Discussion  
 Source: vivo*

**Discussion:**

[report of discussion]

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

#### 9.18.3 PC2 for SUL [NR\_SAR\_PC2\_interB\_SUL\_2BUL-Core]

[**R4-2101102**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101102.zip) **Discussion on SAR issue for NR PC2 SUL**

*Type: other For: Approval  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

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

[**R4-2101118**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101118.zip) **Discussion on SAR schemes for UE power class 2 NR SUL configurations**

*Type: discussion For: Discussion  
 Source: China Telecom*

**Discussion:**

[report of discussion]

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

[**R4-2101120**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101120.zip) **draft CR to 38.101-1 Introduce SAR solution for UE power class 2 NR SUL configurations**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: China Telecom*

**Discussion:**

[report of discussion]

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

[**R4-2102140**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102140.zip) **Further discussion on SAR solution for NR PC2 SUL**

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

**Discussion:**

[report of discussion]

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

[**R4-2102191**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102191.zip) **Further discussion on SAR solution for NR PC2 SUL**

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

**Discussion:**

[report of discussion]

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

[**R4-2102289**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102289.zip) **On the SAR solutions for SUL band combinations**

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

**Discussion:**

[report of discussion]

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

#### 9.18.4 Others [NR\_SAR\_PC2\_interB\_SUL\_2BUL-Core]

[**R4-2100372**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100372.zip) **Discussion on inter-band 2UL CA Pcmax upper limit**

*Type: discussion For: Discussion  
 Source: CATT*

**Discussion:**

[report of discussion]

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

[**R4-2101121**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101121.zip) **Discussion on release independence for UE power class 2 NR inter-band CA and SUL configurations**

*Type: discussion For: Discussion  
 Source: China Telecom*

**Discussion:**

[report of discussion]

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

[**R4-2102414**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102414.zip) **Increasing UE maximum output power**

*Type: discussion For: Approval  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

### 9.19 High power UE (power class 2) for NR inter-band Carrier Aggregation with 2 bands downlink and 2 bands uplink [NR\_PC2\_CA\_R17\_2BDL\_2BUL]

**R4-2102966 Email discussion summary for [98e][118] NR\_PC2\_CA\_R17\_2BDL\_2BUL**

*Type: other For: Information  
 Source: Moderator (China Telecom)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 9.19.1 Rapporteur Input (WID/TR/CR) [NR\_PC2\_CA\_R17\_2BDL\_2BUL-Core/Per]

[**R4-2101125**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101125.zip) **Draft TR 38.xxx v0.2.0: High power UE for NR inter-band Carrier Aggregation with 2 bands downlink and x bands uplink (x =1,2)**

*Type: other For: Agreement  
 Source: China Telecom*

**Discussion:**

[report of discussion]

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

[**R4-2101126**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101126.zip) **Revised WID: High power UE for NR inter-band Carrier Aggregation with 2 bands downlink and x bands uplink (x =1,2)**

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

**Abstract:**

update the WI code according to MCC suggestion and the target competion time

**Discussion:**

[report of discussion]

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

#### 9.19.2 UE RF [NR\_PC2\_CA\_R17\_2BDL\_2BUL-Core]

[**R4-2100273**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100273.zip) **TP for TR38.xxx for PC2 CA\_n2A-n77A**

*Type: discussion For: Approval  
 Source: Verizon Denmark*

**Discussion:**

[report of discussion]

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

[**R4-2100274**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100274.zip) **TP for TR38.xxx for PC2 CA\_n5A-n77A**

*Type: discussion For: Approval  
 Source: Verizon Denmark*

**Discussion:**

[report of discussion]

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

[**R4-2100276**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100276.zip) **TP for TR38.xxx for PC2 CA\_n66A-n77A**

*Type: discussion For: Approval  
 Source: Verizon Denmark*

**Discussion:**

[report of discussion]

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

[**R4-2100285**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100285.zip) **Self interference analysis and MSD results for PC2 NR inter-band CA band combinations**

*Type: other For: Approval  
 Source: LG Electronics France*

**Abstract:**

Provide MSD results for PC2 NR inter-band CA band combos

**Discussion:**

[report of discussion]

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

[**R4-2102220**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102220.zip) **TP for TR38.xxx\_Clarification on PC2 CA\_n28A-n41A, CA\_n28-n79A and CA\_n40A-41A**

*Type: other For: Approval  
 Source: ZTE Corporation, CMCC*

**Discussion:**

[report of discussion]

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

[**R4-2102221**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102221.zip) **TP for TR38.xxx\_ PC2 CA\_n41A-n79A**

*Type: other For: Approval  
 Source: ZTE Corporation, CMCC, Xiaomi*

**Discussion:**

[report of discussion]

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

[**R4-2102713**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102713.zip) **Discussion on PC2 MSD for UL CA**

*Type: discussion For: Discussion  
 Source: vivo*

**Discussion:**

[report of discussion]

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

### 9.20 High power UE (power class 2) for EN-DC with 1 LTE band + 1 NR TDD band [ENDC\_UE\_PC2\_R17\_NR\_TDD]

**R4-2102967 Email discussion summary for [98e][119] ENDC\_UE\_PC2\_R17\_NR\_TDD**

*Type: other For: Information  
 Source: Moderator (China Unicom)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 9.20.1 Rapporteur Input (WID/TR/CR) [ENDC\_UE\_PC2\_R17\_NR\_TDD -Core/Per]

[**R4-2100082**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100082.zip) **Big CR on introduction of completed PC2 for EN-DC with 1 LTE band + 1 NR TDD band**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0432 Cat: B (Rel-17)  
  
 Source: China Unicom*

**Discussion:**

[report of discussion]

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

[**R4-2100083**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100083.zip) **Revised WID on High power UE (power class 2) for EN-DC with 1 LTE band + 1 NR TDD band**

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

**Discussion:**

[report of discussion]

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

[**R4-2100084**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100084.zip) **TR 37.826 v0.2.0 ENDC\_UE\_PC2\_R17\_NR\_TDD**

*Type: draft TR For: Agreement  
 37.826 v0.2.0  
 Source: China Unicom*

**Discussion:**

[report of discussion]

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

#### 9.20.2 UE RF [ENDC\_UE\_PC2\_R17\_NR\_TDD -Core]

[**R4-2100266**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100266.zip) **TP for TR 37.826 for DC\_2\_n77**

*Type: discussion For: Approval  
 Source: Verizon Denmark*

**Discussion:**

[report of discussion]

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

[**R4-2100268**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100268.zip) **TP for TR 37.826 for DC\_5\_n77**

*Type: discussion For: Approval  
 Source: Verizon Denmark*

**Discussion:**

[report of discussion]

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

[**R4-2100269**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100269.zip) **TP for TR 37.826 for DC\_13\_n77**

*Type: discussion For: Approval  
 Source: Verizon Denmark*

**Discussion:**

[report of discussion]

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

[**R4-2100271**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100271.zip) **TP for TR 37.826 for DC\_66\_n77**

*Type: discussion For: Approval  
 Source: Verizon Denmark*

**Discussion:**

[report of discussion]

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

[**R4-2100286**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100286.zip) **MSD for PC2 high power NR DC (with 1 LTE FDD band + 1 NR TDD band) UE**

*Type: other For: Approval  
 Source: LG Electronics France*

**Abstract:**

Provide MSD results for PC2 NR DC (with 1 LTE FDD band + 1 NR TDD band) UE in Rel-17

**Discussion:**

[report of discussion]

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

[**R4-2101184**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101184.zip) **Discussion on UE capability for improved PC2 MSD for EN-DC**

*Type: discussion For: Approval  
 Source: CHTTL*

**Discussion:**

[report of discussion]

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

[**R4-2102415**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102415.zip) **MSD for PC2 EN-DC and UL CA**

*Type: discussion For: Discussion  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

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

### 9.21 Adding channel bandwidth support to existing NR bands [NR\_bands\_R17\_BWs]

**R4-2102968 Email discussion summary for [98e][120] NR\_bands\_R17\_BWs**

*Type: other For: Information  
 Source: Moderator (Ericsson)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 9.21.1 General and Rapporteur Input (WID/TR/CR) [NR\_bands\_R17\_BWs -Core/Per]

[**R4-2102163**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102163.zip) **Revised Basket WID on adding channel bandwidth support to existing NR bands**

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

**Abstract:**

This contribution is the revision of the basket WI to include the new requests received before RAN4#97e meeting and update status of previous requests

**Discussion:**

[report of discussion]

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

[**R4-2102164**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102164.zip) **Big CR to TS 38.104 - New CBW Basket WI**

*Type: CR For: Agreement  
 38.104 v17.0.0 CR-0291 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

This big CR collects all draft CRs to TS 38.104 endorsed in the scope of the new CBW basket WI

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102165**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102165.zip) **Big CR to TS 38.101-1 - New CBW Basket WI**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0670 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

This big CR collects all draft CRs to TS 38.101-1 endorsed in the scope of the new CBW basket WI

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102168**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102168.zip) **Basket WID on new CBW - Rapporteur's update**

*Type: discussion For: Discussion  
 Source: Ericsson*

**Abstract:**

This contribution is giving an update and notify about parallel discussion on the MSD analysis for CA combinations for the new CBW

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.21.2 UE RF requirement [NR\_bands\_R17\_BWs -Core]

[**R4-2101521**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101521.zip) **Adding 90 and 100MHz bandwidth for band n40**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 9.21.2.1 Reference sensitivity [NR\_bands\_R17\_BWs -Core]

[**R4-2101815**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101815.zip) **Discussion on the larger channel bandwidth for band n2**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102166**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102166.zip) **New channel BW in bands n2, n5 and n48 - A-MPR**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

This contribution is discussing the A-MPR impact when introducing the request channel BW in bands n2, n5 and n48

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 9.21.2.2 MPR/A-MPR/NS signaling [NR\_bands\_R17\_BWs -Core]

[**R4-2100132**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100132.zip) **n48 30 MHz A-MPR simulation results**

*Type: discussion For: Discussion  
 Source: Nokia*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100133**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100133.zip) **CR introduction of 30 MHz for n48**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0592 Cat: B (Rel-17)  
  
 Source: Nokia, Dish Network, Skyworks Inc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102167**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102167.zip) **New channel BW in bands n2, n5 and n48 - REFSENS**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

This contribution is discussing the UE REFSENS impact when introducing the request channel BW in bands n2, n5 and n48

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102929**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102929.zip) **UE-UE Coexistence for Asynchronous n40 n41 Networks**

*Type: discussion For: Approval  
 38.101-1 v..  
 Source: Skyworks Solutions Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102931**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102931.zip) **UE-UE Coexistence for Asynchronous n40 n41 Networks**

*Type: discussion For: Approval  
 38.101-1 v..  
 Source: Skyworks Solutions Inc.*

**Discussion:**

[report of discussion]

**Decision: Withdrawn.**

[**R4-2102932**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102932.zip) **n48 30MHz A-MPR Measurements**

*Type: discussion For: Approval  
 38.101-1 v..  
 Source: Skyworks Solutions Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 9.21.2.3 others [NR\_bands\_R17\_BWs -Core]

[**R4-2100166**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100166.zip) **Co-existence challenges with NR-U 100MHz channel bandwidth and other technologies**

*Type: Work Plan For: Approval  
 Source: Charter Communications, Inc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102900**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102900.zip) **NR-U Punctured Channel SEM for 100 MHz Bandwidth**

*Type: discussion For: Approval  
 Source: CableLabs*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.21.3 BS RF requirement [NR\_bands\_R17\_BWs -Core]

### 9.22 Introduction of channel bandwidths 35MHz and 45MHz for NR [NR\_FR1\_35MHz\_45MHz\_BW]

**R4-2102969 Email discussion summary for [98e][121] NR\_FR1\_35MHz\_45MHz\_BW**

*Type: other For: Information  
 Source: Moderator (Huawei)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 9.22.1 General and Rapporteur Input (WID/TR/CR) [NR\_FR1\_35MHz\_45MHz\_BW-Core/Per]

[**R4-2101501**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101501.zip) **Consideration on the work plan on introduction of channel bandwidths 35MHz and 45MHz**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.22.2 Spectrum utilization [NR\_FR1\_35MHz\_45MHz\_BW-Core]

[**R4-2100753**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100753.zip) **Spectrum utilization with channel raster and PRB grid alignment**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102141**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102141.zip) **Further discussion on spectrum utilization for 35MHz and 45MHz**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **withdrawn**.

[**R4-2102192**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102192.zip) **Further discussion on spectrum utilization for 35MHz and 45MHz**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.22.3 UE RF requirements [NR\_FR1\_35MHz\_45MHz\_BW-Core]

[**R4-2100516**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100516.zip) **A-MPR Proposal for n1 and 45MHz CBW**

*Type: discussion For: Approval  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100517**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100517.zip) **A-MPR Proposal for n2 and 35MHz CBW**

*Type: discussion For: Approval  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100518**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100518.zip) **A-MPR Proposal for n25 and 45MHz CBW**

*Type: discussion For: Approval  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100703**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100703.zip) **REFSENS of n8 and n71 for 35MHz channel bandwidth**

*Type: discussion For: Approval  
 Source: Murata Manufacturing Co Ltd.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100705**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100705.zip) **REFSENS of n25 for 45MHz channel bandwidth**

*Type: discussion For: Approval  
 Source: Murata Manufacturing Co Ltd.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101159**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101159.zip) **REFSENS evaluation of n8 and n71 for 35MHz channel bandwidth**

*Type: discussion For: Approval  
 38.101-1 v..  
 Source: Mediatek India Technology Pvt.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101177**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101177.zip) **35MHz 45MHz AMPR, MPR, REFSENS for n8, n71, and n25.**

*Type: other For: Approval  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101502**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101502.zip) **UE REFSENS for 35 MHz and 45 MHz**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101503**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101503.zip) **CR for TS 38.101: introduction of channel bandwidths 35MHz and 45MHz**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102142**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102142.zip) **Introduction of 35MHz and 45 MHz bandwidths to TS38.101-1**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0666 Cat: B (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **withdrawn**.

[**R4-2102193**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102193.zip) **Introduction of 35MHz and 45 MHz bandwidths to TS38.101-1**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0671 Cat: B (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102592**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102592.zip) **MSD considering asymmetric UL/DL for bands n8 and n71**

*Type: discussion For: Approval  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102606**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102606.zip) **CR for TS 38.101-1: UE RF requirements table simplification**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0704 Cat: F (Rel-17)  
  
 Source: Apple*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102927**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102927.zip) **35MHz 45MHz REFSENS**

*Type: discussion For: Approval  
 Source: Skyworks Solutions Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.22.4 BS RF requirements [NR\_FR1\_35MHz\_45MHz\_BW-Core]

[**R4-2101504**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101504.zip) **CR for TS 38.104: introduction of channel bandwidths 35MHz and 45MHz**

*Type: draftCR For: Endorsement  
 38.104 v17.0.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101505**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101505.zip) **CR for TS 37.141: introduction of channel bandwidths 35MHz and 45MHz**

*Type: draftCR For: Endorsement  
 37.141 v17.0.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101506**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101506.zip) **CR for TS 37.145-2: introduction of channel bandwidths 35MHz and 45MHz**

*Type: draftCR For: Endorsement  
 37.145-2 v17.0.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101559**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101559.zip) **CR to TS 37.105: Introduction of CBWs 35 MHz and 45 MHz**

*Type: CR For: Agreement  
 37.105 v17.0.0 CR-0219 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

BS RF requirements for 35 MHz and 45 MHz channel bandwidths were added

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101560**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101560.zip) **CR to TS 38.141-1: Introduction of CBWs 35 MHz and 45 MHz**

*Type: CR For: Agreement  
 38.141-1 v17.0.0 CR-0191 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

BS RF requirements for 35 MHz and 45 MHz channel bandwidths were added

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101986**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101986.zip) **CR to TS 38.141-2: Introduction of 35MHz and 45MHz**

*Type: CR For: Agreement  
 38.141-1 v17.0.0 CR-0197 Cat: B (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101987**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101987.zip) **CR to 37.145-1: Introduction of 35MHz and 45MHz**

*Type: CR For: Agreement  
 37.145-1 v17.0.0 CR-0242 Cat: B (Rel-17)  
  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102484**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102484.zip) **CR to 37.104: Introduction of requirements for 35 and 45MHz channel bandwidths**

*Type: CR For: Agreement  
 37.104 v17.0.0 CR-0933 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.22.5 Others [NR\_FR1\_35MHz\_45MHz\_BW-Core]

### 9.23 Band combinations for Uu and V2X con-current operation [NR\_LTE\_V2X\_PC5\_combos]

**R4-2102970 Email discussion summary for [98e][122] NR\_LTE\_V2X\_PC5\_combos**

*Type: other For: Information  
 Source: Moderator (CATT)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 9.23.1 General and Rapporteur Input (WID/TR/CR) [NR\_LTE\_V2X\_PC5\_combos-Core/Per]

[**R4-2100412**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100412.zip) **TP on V2X\_n41A-n47A coexistence study**

*Type: pCR For: Approval  
 37.875 v0.0.0  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100413**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100413.zip) **CR for TS 38.101-1, Introduce new band combination of V2X\_n41A-n47A**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0616 Cat: B (Rel-17)  
  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100414**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100414.zip) **CR for TS 38.101-3, Introduce new band combination of V2X\_41A-n47A and V2X\_n41A-47A**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0441 Cat: B (Rel-17)  
  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100502**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100502.zip) **TR 37.875 on band combinations for con-current operation of NR/LTE Uu bands/band combinations and one NR/LTE V2X PC5 band**

*Type: draft TR For: Agreement  
 37.875 v0.0.1  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101290**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101290.zip) **Revised WID for V2X band combination**

*Type: WID revised For: Approval  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.23.2 UE RF requirement for concurrent operation between NR Uu band and NR PC5 band [NR\_LTE\_V2X\_PC5\_combos-Core]

[**R4-2100617**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100617.zip) **Revision of inter-band V2X con-currency table for V2X\_n39A-n47A and V2X\_n40A-n47A**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0625 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Abstract:**

Removes n47 from protected band list for V2X\_n39A-n47A and V2X\_n40A-n47A

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.23.3 UE RF requirement for concurrent operation between LTE Uu band and NR PC5 band [NR\_LTE\_V2X\_PC5\_combos-Core]

[**R4-2100618**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100618.zip) **Revision of inter-band V2X con-currency table for V2X\_39\_n47 and V2X\_40\_n47**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0446 Cat: F (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Abstract:**

Removes n47 from protected band list for V2X\_39\_n47 and V2X\_40\_n47

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.23.4 UE RF requirement for concurrent operation between NR Uu band and LTE PC5 band [NR\_LTE\_V2X\_PC5\_combos-Core]

#### 9.23.5 UE RF requirement for concurrent operation of LTE/NR CA/DC band combinations + PC5 V2X [NR\_LTE\_V2X\_PC5\_combos-Core]

### 9.24 Introduction of FR2 FWA UE with maximum TRP of 23dBm for band n257 and n258 [NR\_FR2\_FWA\_Bn257\_Bn258]

#### 9.24.1 UE RF (38.101-2) [NR\_FR2\_FWA\_Bn257\_Bn258-Core]

**R4-2102971 Email discussion summary for [98e][123] NR\_FR2\_FWA\_Bn257\_Bn258**

*Type: other For: Information  
 Source: Moderator (SoftBank)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100566**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100566.zip) **Views on RF requirement for FWA**

*Type: other For: Approval  
 Source: Sony, Ericsson*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100692**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100692.zip) **Proposals on FR2 PC5 beam correspondence**

*Type: discussion For: Approval  
 Source: MediaTek Beijing Inc.*

**Abstract:**

Proposal1: If FR2 power class 5 beam correspondence is required, both beam correspondence bit-0 and bit-1 requirement shall be defined.

Proposal2: As Table2, UE beam correspondence tolerance for FR2 power class 5:

• n257 = [3.0] dB at 85th %-tile ?EIRPBC

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101282**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101282.zip) **Beam correspondence requirements for FWA UE devices**

*Type: discussion For: Discussion  
 Source: Intel Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101753**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101753.zip) **Discussion on Rel-17 FWA beam correspondence**

*Type: discussion For: Approval  
 Source: OPPO*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102560**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102560.zip) **Beam correspondence of FWA device**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102631**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102631.zip) **on new FWA UE beam correspondence requirement**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102669**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102669.zip) **On PC5 beam correspondence requirement**

*Type: other For: Agreement  
 Source: Qualcomm Incorporated*

**Abstract:**

PC5 BC requirement proposal

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102670**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102670.zip) **CR to 38.807: Update for FR2 PC5**

*Type: CR For: Agreement  
 38.101-2 v15.12.0 CR-0338 Cat: F (Rel-15)  
  
 Source: Qualcomm Incorporated*

**Abstract:**

Add PC5 to existing list of power classes

**Discussion:**

[report of discussion]

**Decision:** The document was **withdrawn**.

[**R4-2102671**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102671.zip) **CR to 38.807: Update for FR2 PC5**

*Type: CR For: Agreement  
 38.101-2 v16.6.0 CR-0339 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Abstract:**

Add PC5 to existing list of power classes

**Discussion:**

[report of discussion]

**Decision:** The document was **withdrawn**.

[**R4-2102672**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102672.zip) **CR to 38.807: Update for FR2 PC5**

*Type: CR For: Agreement  
 38.101-2 v17.0.0 CR-0340 Cat: A (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Abstract:**

Add PC5 to existing list of power classes

**Discussion:**

[report of discussion]

**Decision:** The document was **withdrawn**.

[**R4-2102688**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102688.zip) **CR for FR2 FWA RF requirements**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0711 Cat: B (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102700**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102700.zip) **CR to 38.807: Update for FR2 PC5**

*Type: CR For: Agreement  
 38.307 v15.7.0 CR-0058 Cat: F (Rel-15)  
  
 Source: Qualcomm Incorporated*

**Abstract:**

Add PC5 to existing list of power classes

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102701**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102701.zip) **CR to 38.807: Update for FR2 PC5**

*Type: CR For: Agreement  
 38.307 v16.5.0 CR-0059 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Abstract:**

Add PC5 to existing list of power classes

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102702**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102702.zip) **CR to 38.807: Update for FR2 PC5**

*Type: CR For: Agreement  
 38.307 v17.0.0 CR-0060 Cat: A (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Abstract:**

Add PC5 to existing list of power classes

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.24.2 RRM Core requirements (38.133) [NR\_FR2\_FWA\_Bn257\_Bn258-Core]

#### 9.24.3 RRM Perf. requirements (38.133) [NR\_FR2\_FWA\_Bn257\_Bn258-Perf]

[**R4-2101683**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101683.zip) **Discussion on conditions for FR2 new FWA UE**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101684**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101684.zip) **CR on condition requirements for UE power class 5 in TS38.133**

*Type: CR For: Agreement  
 38.133 v17.0.0 CR-1646 Cat: F (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.24.4 Others [NR\_FR2\_FWA\_Bn257\_Bn258-Core/Perf]

[**R4-2100709**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100709.zip) **CR for 38.307: Introduction of power class 5 for FR2**

*Type: CR For: Agreement  
 38.307 v17.0.0 CR-0042 Cat: B (Rel-17)  
  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 9.25 Introduction of NR 47 GHz band [NR\_47GHz\_Band]

#### 9.25.1 UE RF (38.101-2) [NR\_47GHz\_Band-Core]

**R4-2102972 Email discussion summary for [98e][124] NR\_47GHz\_Band**

*Type: other For: Information  
 Source: Moderator (Nokia)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

##### 9.25.1.1 Peak EIRP and EIRP spherical coverage [NR\_47GHz\_Band-Core]

[**R4-2100094**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100094.zip) **Multi-band relaxation for band n262**

*Type: discussion For: Discussion  
 Source: Murata Manufacturing Co., Ltd.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100567**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100567.zip) **Peak EIRP and EIRP spherical coverage for PC3 for n262**

*Type: other For: Approval  
 Source: Sony, Ericsson*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100748**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100748.zip) **EIRP requirements for n262**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100913**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100913.zip) **UE RF requirements for 47 GHz band**

*Type: discussion For: Approval  
 Source: Samsung*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101831**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101831.zip) **Discussion on MOP for Band n262**

*Type: other For: Approval  
 Source: vivo*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102590**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102590.zip) **Peak EIRP and EIRP Spherical coverage for n262**

*Type: discussion For: Approval  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102668**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102668.zip) **On EIRP spherical coverage requirements for n262**

*Type: other For: Discussion  
 Source: Qualcomm Incorporated*

**Abstract:**

peak gain, spherical coverage of gain discussed

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102906**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102906.zip) **EIRP requirements of band n262**

*Type: discussion For: Discussion  
 Source: Intel Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 9.25.1.2 Other UE TX requirements [NR\_47GHz\_Band-Core]

[**R4-2100568**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100568.zip) **Multiband relaxations for PC3 for n262**

*Type: other For: Approval  
 Source: Sony, Ericsson*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100749**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100749.zip) **TP to TR 38.847: UE Tx requirement for n262**

*Type: pCR For: Approval  
 38.847 v0.0.2  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100750**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100750.zip) **Introduction of n262 UE RF requirements**

*Type: CR For: Agreement  
 38.101-2 v17.0.0 CR-0325 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102667**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102667.zip) **On EVM requirements for n262**

*Type: other For: Agreement  
 Source: Qualcomm Incorporated*

**Abstract:**

Next steps to investigate if deviation from existing FR2 EVM side conditions is justified for n262

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 9.25.1.3 REFSENS and EIS spherical coverage [NR\_47GHz\_Band-Core]

[**R4-2100569**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100569.zip) **REFSENS and EIS spherical coverage for PC3 for n262**

*Type: other For: Approval  
 Source: Sony, Ericsson*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100751**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100751.zip) **EIS requirements for n262**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101832**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101832.zip) **Discussion on REFSENS and EIS spherical coverage for Band n262**

*Type: other For: Approval  
 Source: vivo*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102591**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102591.zip) **Peak EIS and EIS Spherical coverage for n262**

*Type: discussion For: Approval  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102907**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102907.zip) **EIS requirements of band n262**

*Type: discussion For: Discussion  
 Source: Intel Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 9.25.1.4 Other UE RX requirements [NR\_47GHz\_Band-Core]

[**R4-2100752**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100752.zip) **TP to TR 38.847: UE Rx requirement for n262**

*Type: pCR For: Approval  
 38.847 v0.0.2  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.25.4 Others [NR\_47GHz\_Band-Core/Perf]

##### 9.25.4.4 Others [NR\_47GHz\_Band-Core/Perf]

[**R4-2102158**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102158.zip) **TR 38.847 Introduction of NR Band 262 (47GHz band)**

*Type: draft TR For: Agreement  
 38.847 v0.1.0  
 Source: Ericsson*

**Abstract:**

Updated TR to capture the work done when specifying the new NR FR2 47GHz band

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 9.26 Introduction of NR band n24 [NR\_band\_n24]

**R4-2102973 Email discussion summary for [98e][125] NR\_LTE\_band\_n24**

*Type: other For: Information  
 Source: Moderator (Ligado Networks)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 9.26.1 UE RF (38.101-1) [NR\_band\_n24-Core]

[**R4-2100134**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100134.zip) **Simulation results for n24 / band 24 A-MPR**

*Type: discussion For: Discussion  
 Source: Nokia*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100135**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100135.zip) **n24 / band 24 A-MPR proposal**

*Type: other For: Approval  
 Source: Nokia, Skyworks Inc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100246**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100246.zip) **CR for TS 38.101-1 introduction of NR band n24**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0604 Cat: B (Rel-17)  
  
 Source: Ligado Networks, Nokia, Skyworks Solutions Inc.*

**Abstract:**

Updates to 38.101-1 to introduce NR band n24

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100545**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100545.zip) **Band 24, n24 and n99 A-MPR**

*Type: discussion For: Approval  
 38.101-1 v..  
 Source: Skyworks Solutions Inc.*

**Abstract:**

This contribution provided measurements for band n24 AMPR proposal. It is also proposing AMPR for LTE band 24 and NR SUl n99 and thus must be considered in related agendas.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.26.2 BS RF (38.104) [NR\_band\_n24-Core]

[**R4-2102451**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102451.zip) **CR to 38.104: Introduction of n24**

*Type: CR For: Agreement  
 38.104 v17.0.0 CR-0295 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.26.3 RRM (38.133) [NR\_band\_n24-Core]

[**R4-2100247**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100247.zip) **CR for TS 38.133 introduction of NR band n24**

*Type: CR For: Agreement  
 38.133 v17.0.0 CR-1469 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Updates to TS 38.133 to introduce NR band n24

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.26.4 Others [NR\_band\_n24-Core/Perf]

[**R4-2100248**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100248.zip) **CR for TS 37.105 introduction of NR band n24**

*Type: CR For: Agreement  
 37.105 v17.0.0 CR-0214 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Updates to TS 37.105 to introduce NR band n24

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100249**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100249.zip) **CR for TS 37.145-1 introduction of NR band n24**

*Type: CR For: Agreement  
 37.145-1 v17.0.0 CR-0234 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Updates to TS 37.145-1 to introduce NR band n24

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100250**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100250.zip) **CR for TS 37.145-2 introduction of NR band n24**

*Type: CR For: Agreement  
 37.145-2 v17.0.0 CR-0268 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Updates to TS 37.145-2 to introduce NR band n24

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100251**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100251.zip) **CR for TS 38.141-1 introduction of NR band n24**

*Type: CR For: Agreement  
 38.141-1 v17.0.0 CR-0168 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Updates to TS 38.141-1 to introduce NR band n24

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100252**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100252.zip) **CR for TS 38.141-2 introduction of NR band n24**

*Type: CR For: Agreement  
 38.141-2 v17.0.0 CR-0259 Cat: B (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Updates to TS 38.141-2 to introduce NR band n24

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102447**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102447.zip) **CR to 36.104: Introduction of n24 requirements**

*Type: CR For: Agreement  
 36.104 v17.0.0 CR-4927 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102448**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102448.zip) **CR to 36.141: Introduction of n24 requirements**

*Type: CR For: Agreement  
 36.141 v17.0.0 CR-1295 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102449**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102449.zip) **CR to 37.104: Introduction of n24 requirements**

*Type: CR For: Agreement  
 37.104 v17.0.0 CR-0924 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102450**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102450.zip) **CR to 37.141: Introduction of n24 requirements**

*Type: CR For: Agreement  
 37.141 v17.0.0 CR-0964 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 9.27 Introduction of 1.6 GHz NR SUL band with same uplink frequency range of Band 24 [NR\_SUL\_UL\_n24]

#### 9.27.1 UE RF (38.101-1) [NR\_SUL\_UL\_n24-Core]

[**R4-2100332**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100332.zip) **Discussion on new SUL band n99 UE requirements**

*Type: discussion For: Discussion  
 Source: Huawei,HiSilicon*

**Abstract:**

SUL n99

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100334**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100334.zip) **CR to 38101-1 on introducing new SUL band n99**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0609 Cat: B (Rel-17)  
  
 Source: Huawei,HiSilicon*

**Abstract:**

SUL n99

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.27.2 BS RF (38.104) [NR\_SUL\_UL\_n24-Core]

[**R4-2100333**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100333.zip) **Discussion on new SUL band n99 BS requirements**

*Type: discussion For: Discussion  
 Source: Huawei,HiSilicon*

**Abstract:**

SUL n99

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100335**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100335.zip) **CR to 38104 on introducing new SUL band n99**

*Type: CR For: Agreement  
 38.104 v17.0.0 CR-0262 Cat: B (Rel-17)  
  
 Source: Huawei,HiSilicon*

**Abstract:**

SUL n99

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100336**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100336.zip) **CR to 36104 on introducing new SUL band n99**

*Type: CR For: Agreement  
 36.104 v17.0.0 CR-4920 Cat: B (Rel-17)  
  
 Source: Huawei,HiSilicon*

**Abstract:**

SUL n99

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100337**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100337.zip) **CR to 38141-1 on introducing new SUL band n99**

*Type: CR For: Agreement  
 38.141-1 v17.0.0 CR-0169 Cat: B (Rel-17)  
  
 Source: Huawei,HiSilicon*

**Abstract:**

SUL n99

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100338**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100338.zip) **CR to 38141-2 on introducing new SUL band n99**

*Type: CR For: Agreement  
 38.141-2 v17.0.0 CR-0260 Cat: B (Rel-17)  
  
 Source: Huawei,HiSilicon*

**Abstract:**

SUL n99

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100339**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100339.zip) **CR to 36141 on introducing new SUL band n99**

*Type: CR For: Agreement  
 36.141 v17.0.0 CR-1288 Cat: B (Rel-17)  
  
 Source: Huawei,HiSilicon*

**Abstract:**

SUL n99

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100340**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100340.zip) **CR to 37104 on introducing new SUL band n99**

*Type: CR For: Agreement  
 37.104 v17.0.0 CR-0920 Cat: B (Rel-17)  
  
 Source: Huawei,HiSilicon*

**Abstract:**

SUL n99

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100341**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100341.zip) **CR to 37141 on introducing new SUL band n99**

*Type: CR For: Agreement  
 37.141 v17.0.0 CR-0959 Cat: B (Rel-17)  
  
 Source: Huawei,HiSilicon*

**Abstract:**

SUL n99

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100342**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100342.zip) **CR to 37105 on introducing new SUL band n99**

*Type: CR For: Agreement  
 37.105 v17.0.0 CR-0216 Cat: B (Rel-17)  
  
 Source: Huawei,HiSilicon*

**Abstract:**

SUL n99

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100343**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100343.zip) **CR to 37145-1 on introducing new SUL band n99**

*Type: CR For: Agreement  
 37.145-1 v17.0.0 CR-0236 Cat: B (Rel-17)  
  
 Source: Huawei,HiSilicon*

**Abstract:**

SUL n99

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100344**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100344.zip) **CR to 37145-2 on introducing new SUL band n99**

*Type: CR For: Agreement  
 37.145-2 v17.0.0 CR-0270 Cat: B (Rel-17)  
  
 Source: Huawei,HiSilicon*

**Abstract:**

SUL n99

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.27.3 RRM (38.133) [NR\_SUL\_UL\_n24-Core]

#### 9.27.4 Others [NR\_SUL\_UL\_n24-Core/Perf]

### 9.28 Introduction of NR band n67 [NR\_n67]

**R4-2102974 Email discussion summary for [98e][126] NR\_n67**

*Type: other For: Information  
 Source: Moderator (Ericsson)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2102491**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102491.zip) **Introduction of band n67**

*Type: discussion For: Approval  
 Source: Huawei, HiSilicon*

**Abstract:**

discussion about introducing band n67

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.28.1 UE RF (38.101-1) [NR\_n67-Core]

[**R4-2102170**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102170.zip) **New NR band n67 - UE RF impacts**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

This contribution is analyzing the UE RF impacts when adding the new refarmed band n67

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.28.2 BS RF (38.104) [NR\_n67-Core]

[**R4-2102169**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102169.zip) **New NR band n67 - BS RF impacts**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

This contribution is analyzing the BS RF impacts when adding the new refarmed band n67

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.28.3 RRM (38.133) [NR\_n67-Core]

#### 9.28.4 Others [NR\_n67-Core/Perf]

### 9.29 Introduction of NR band n85 [NR\_n85]

**R4-2102975 Email discussion summary for [98e][127] NR\_n85**

*Type: other For: Information  
 Source: Moderator (Ericsson)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2102509**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102509.zip) **Introduction of band n85**

*Type: discussion For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.29.1 UE RF (38.101-1) [NR\_n85-Core]

[**R4-2102172**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102172.zip) **New NR band n85 - UE RF impacts**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

This contribution is analyzing the UE RF impacts when adding the new refarmed band n85

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.29.2 BS RF (38.104) [NR\_n85-Core]

[**R4-2102171**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102171.zip) **New NR band n85 - BS RF impacts**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

This contribution is analyzing the BS RF impacts when adding the new refarmed band n85

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.29.3 RRM (38.133) [NR\_n85-Core]

#### 9.29.4 Others [NR\_n85-Core/Perf]

### 9.30 Introduction of bandwidth combination set 4 (BCS4) for NR [NR\_BCS4]

**R4-2102976 Email discussion summary for [98e][128] NR\_BCS4**

*Type: other For: Information  
 Source: Moderator (Ericsson)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 9.30.1 General and Rapporteur Input (WID/TR/CR) [NR\_BCS4-Core]

[**R4-2101817**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101817.zip) **General discussion on introduction of BCS4**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102136**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102136.zip) **Templates for BCS4 configurations for inter-band NR CA**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **withdrawn**.

[**R4-2102187**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102187.zip) **Templates for BCS4 configurations for inter-band NR CA**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.30.2 UE RF requirements [NR\_BCS4-Core]

[**R4-2102928**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102928.zip) **Cross-band MSD for ENDC and NR-CA BCS4**

*Type: discussion For: Approval  
 38.101-1 v..  
 Source: Skyworks Solutions Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 9.30.2.1 MSD [NR\_BCS4-Core]

[**R4-2101816**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101816.zip) **Discussion on how to simplify MSD definition using bandwidth-agnostic approach**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102150**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102150.zip) **Discussion on BCS4**

*Type: discussion For: Approval  
 Source: T-Mobile USA*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102151**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102151.zip) **Draft CR for 38.101-1: Introduction of BCS4**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: T-Mobile USA, MediaTek*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 9.30.2.2 Others (in case MPR/A-MPR is needed) [NR\_BCS4-Core]

#### 9.30.3 Signalling [NR\_BCS4-Core]

[**R4-2100088**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100088.zip) **Required changes to the original BCS4 idea**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

This contribution discuss the most suitable UE capabilities signalling methods to enable BCS4 support among captured methods in a corresponding WID.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101371**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101371.zip) **The signalling for BCS4**

*Type: discussion For: Approval  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102137**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102137.zip) **Discussion on UE capabilities signalling to enable BCS4**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **withdrawn**.

[**R4-2102188**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102188.zip) **Discussion on UE capabilities signalling to enable BCS4**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102502**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102502.zip) **Discussion on candidate methods for BCS4**

*Type: discussion For: (not specified)  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 9.31 Band combination specific requirements for NR intra band UL Carrier Aggregation []

**R4-2102977 Email discussion summary for [98e][129] NR\_req\_Intra\_UL\_CA**

*Type: other For: Information  
 Source: Moderator (Huawei)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 9.31.1 General and Rapporteur Input (WID/TR/CR) [-Core]

[**R4-2102621**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102621.zip) **TR skeleton 38.XXX V001 NR\_HPUE\_intra\_Band\_R17**

*Type: other For: Endorsement  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.31.2 PC2 UE RF requirements [-Core]

##### 9.31.2.1 Maximum output power [-Core]

##### 9.31.2.2 A-MPR [-Core]

##### 9.31.2.3 others [-Core]

#### 9.31.3 PC3 UE RF requirements [-Core]

### 9.32 Additional NR bands for UL-MIMO [NR\_bands\_UL\_MIMO\_PC3\_R17]

**R4-2102978 Email discussion summary for [98e][130] NR\_bands\_UL\_MIMO\_PC3\_R17**

*Type: other For: Information  
 Source: Moderator (Huawei)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 9.32.1 General and Rapporteur Input (WID/TR/CR) [NR\_bands\_UL\_MIMO\_PC3\_R17-Core]

[**R4-2100099**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100099.zip) **Introduce NR SUL bands to PC3 UL-MIMO configuration**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0587 Cat: B (Rel-17)  
  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102394**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102394.zip) **CR for TS 38.101-1 Introduce NR SUL bands to PC3 UL-MIMO configuration**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0688 Cat: B (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.32.2 MPR/A-MPR requirement [NR\_bands\_UL\_MIMO\_PC3\_R17-Core]

#### 9.32.3 Others [NR\_bands\_UL\_MIMO\_PC3\_R17-Core/Perf]

[**R4-2102393**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102393.zip) **draftCR to introduce UL MIMO configurations for band n84**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 9.33 Down link interruption for band combinations to conduct dynamic Tx Switching [DL\_intrpt\_combos\_TxSW\_R17]

**R4-2102979 Email discussion summary for [98e][131] DL\_intrpt\_combos\_TxSW\_R17**

*Type: other For: Information  
 Source: Moderator (China Telecom)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 9.33.1 General and Rapporteur Input (WID/TR/CR) [DL\_intrpt\_combos\_TxSW\_R17-Core]

[**R4-2100373**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100373.zip) **TR skeleton for Downlink interruption for band combinations to conduct dynamic Tx Switching**

*Type: other For: Approval  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100374**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100374.zip) **TR 37.xxx 0.1.0 for Downlink interruption for band combinations to conduct dynamic Tx Switching**

*Type: other For: Approval  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101127**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101127.zip) **Work plan on downlink interruption for band combinations to conduct dynamic Tx switching**

*Type: other For: Approval  
 Source: China Telecom*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101128**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101128.zip) **Revised WID: Downlink interruption for NR and EN-DC band combinations to conduct dynamic Tx Switching in Uplink**

*Type: WID revised For: Endorsement  
 Source: China Telecom*

**Abstract:**

Update the WI title, code and TR remarks according to MCC suggestion

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.33.2 Determination of inter-band uplink CA and EN-DC combinations for which DL interruption is not allowed [DL\_intrpt\_combos\_TxSW\_R17-Core]

[**R4-2100806**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100806.zip) **TP on DL applicability of CA\_n3-n40-n41 for 37.xxx**

*Type: other For: Approval  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100807**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100807.zip) **TP on DL applicability of CA\_n3-n41-n79 for 37.xxx**

*Type: other For: Approval  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100808**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100808.zip) **TP on DL applicability of CA\_n8-n39-n41for 37.xxx**

*Type: other For: Approval  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100809**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100809.zip) **TP on DL applicability of CA\_n8-n41-n79 for 37.xxx**

*Type: other For: Approval  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100810**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100810.zip) **TP on DL applicability of CA\_n39-n41-n79 for 37.xxx**

*Type: other For: Approval  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100811**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100811.zip) **TP on DL applicability of CA\_n40-n41-n79 for 37.xxx**

*Type: other For: Approval  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.33.3 Others [DL\_intrpt\_combos\_TxSW\_R17-Core/Perf]

[**R4-2100812**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100812.zip) **Discussion on DL interruption applicability for inter-band CA with 3 bands**

*Type: discussion For: Decision  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 9.34 High-power UE operation for use cases in Band n77 and n78 [HPUE\_PC1\_5\_n77\_n78]

**R4-2102980 Email discussion summary for [98e][132] HPUE\_PC1\_5\_n77\_n78**

*Type: other For: Information  
 Source: Moderator (Qualcomm)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 9.34.1 General [HPUE\_PC1\_5\_n77\_n78-Core]

[**R4-2100515**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100515.zip) **Considerations for PC1.5 with n77 and n78**

*Type: discussion For: Approval  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100912**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100912.zip) **Regulatory information on RF exposure for FWA devices**

*Type: discussion For: Discussion  
 Source: Samsung*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102283**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102283.zip) **Consideration on adding PC 1.5 for n77 and n78**

*Type: discussion For: Agreement  
 Source: Huawei, HiSilicon*

**Abstract:**

Changes in UE spec needed for adding PC 1.5 for n77 and n78

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.34.2 PC1.5 UE RF requirements [HPUE\_PC1\_5\_n77\_n78-Core]

[**R4-2102930**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102930.zip) **Discussion on band n77 PC1.5 operation**

*Type: discussion For: Discussion  
 38.101-1 v..  
 Source: Skyworks Solutions Inc.*

**Abstract:**

In this contribution we discuss PC1.5 for TDD bands n77 and n78 cases compared with the band n41 case already specified in Release 16 .

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 9.34.2.1 A-MPR [HPUE\_PC1\_5\_n77\_n78-Core]

[**R4-2100287**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100287.zip) **Consideration for RF architecture for n77/n78 PC1.5 UE**

*Type: other For: Approval  
 Source: LG Electronics France*

**Abstract:**

propose basekine RF architecture and MPR/A-MPR simulation assumptions

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 9.34.2.2 others [HPUE\_PC1\_5\_n77\_n78-Core]

[**R4-2102417**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102417.zip) **PC 1.5 for bands n77 and n78**

*Type: discussion For: Approval  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 9.35 Introduction of lower 6GHz NR unlicensed operation for Europe [NR\_6GHz\_unlic\_EU]

**R4-2102981 Email discussion summary for [98e][133] NR\_6GHz\_unlic\_EU**

*Type: other For: Information  
 Source: Moderator (Nokia)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100514**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100514.zip) **Band plan for lower 6GHz NR unlicensed operation for Europe**

*Type: discussion For: Decision  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.35.1 General [NR\_6GHz\_unlic\_EU-Core]

[**R4-2100546**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100546.zip) **NRU in 6GHz EU spectrum: Band Definition and Related Emission Requirements**

*Type: discussion For: Approval  
 38.101-1 v..  
 Source: Skyworks Solutions Inc.*

**Abstract:**

In this contribution, we analyze the available regulations and propose to reuse the n96 band definition restricted to the channels in the 5945-6425MHz frequency range using NS mechanism as already used for n46 sub-bands or FCC compliant indoor/outdoor ope

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101927**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101927.zip) **Skeleton TR 38.849 v0.0.0**

*Type: draft TR For: Agreement  
 38.849 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Draft skeleton for the internal TR 38.849 for the WID on Introduction of lower 6GHz NR unlicensed operation for Europe

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101928**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101928.zip) **draft TR 38.849 v0.1.0**

*Type: draft TR For: Agreement  
 38.849 v0.1.0  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Inclusion of agreements and TPs provided at RAN4#98 to TR 38.849

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101929**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101929.zip) **Work plan for Introduction of lower 6GHz NR unlicensed operation for Europe**

*Type: Work Plan For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101965**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101965.zip) **Discussion on Europe unlicensed 6GHz for NR-U**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.35.2 UE RF requirements [NR\_6GHz\_unlic\_EU-Core]

[**R4-2101930**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101930.zip) **On UE RF aspects for the lower 6GHz NR unlicensed operation**

*Type: discussion For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102416**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102416.zip) **UE requirements for EU NR-U 6 GHz band**

*Type: discussion For: Approval  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.35.3 BS RF requirements [NR\_6GHz\_unlic\_EU-Core]

[**R4-2101931**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101931.zip) **On BS RF aspects for the lower 6GHz NR unlicensed operation**

*Type: discussion For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101966**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101966.zip) **Discussion on BS RF requirements for Europe unlicensed 6GHz**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101967**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101967.zip) **draft CR for introduction of Europe unlicensed 6GHz.**

*Type: draftCR For: Endorsement  
 38.104 v17.0.0  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 9.35.4 Others [NR\_6GHz\_unlic\_EU-Core]

## 10 Reply to ITU-R LS (RP-200042)

### 10.1 Study on IMT parameters for frequency ranges 6.425-7.125GHz and 10.0-10.5GHz [FS\_6425\_10500MHz \_NR]

**R4-2102982 Email discussion summary for [98e][134] FS\_6425\_10500MHz\_NR**

*Type: other For: Information  
 Source: Moderator (Ericsson)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2101494**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101494.zip) **TR 38.921 V 0.3.0**

*Type: draft TR For: Agreement  
 38.921 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101500**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101500.zip) **Reply LS on Parameters of terrestrial component of IMT for sharing and compatibility studies in preparation for WRC-23 (6.425 to 10.5 GHz)**

*Type: LS out For: Approval  
 to ITU-R WP5D, cc RAN  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102840**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102840.zip) **Draft LS to WP5D on Parameters of terrestrial component of IMT for sharing and compatibility studies in preparation for WRC-23**

*Type: LS out For: Approval  
 to ITU-R WP5D, cc TSG RAN  
 Source: Ericsson*

**Abstract:**

The LS gives feedback to WP5D on the parameters and fills in the final ones.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 10.1.1 UE parameters

[**R4-2100488**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100488.zip) **Fuurther discussion on UE parameters for 6.425-7.125GHz, 7.025-7.125GHz and 10.0-10.5GHz**

*Type: discussion For: Approval  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101495**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101495.zip) **TP to TR 38.921: UE remaining parameters**

*Type: pCR For: Approval  
 38.921 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101791**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101791.zip) **Proposals of UE Parameters for Frequency Ranges 6.425-7.125GHz and 10.0-10.5GHz**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

This contribution provides the proposals of the open UE parameters for frequency ranges 6.425-7.125GHz and 10.0-10.5GHz according to the downlink and uplink coexistence simulation results provided.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101948**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101948.zip) **TP to TR 38.921 UE transmitter requirements**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102157**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102157.zip) **SI on IMT parameters - Remaining UE parameters**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

This contribution is discussing remaining UE parameters for the SI on IMT parameters

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102501**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102501.zip) **Discussion on UE SEM for 6.425-7.125GHz and 10-10.5GHz**

*Type: discussion For: (not specified)  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 10.1.2 BS parameters

[**R4-2100489**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100489.zip) **further discussion on BS parameters for 6.425-7.125GHz, 7.025-7.125GHz and 10.0-10.5GHz**

*Type: discussion For: Approval  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100823**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100823.zip) **Discussion on remaining Tx requirements of BS for 6425-7125MHz**

*Type: discussion For: Discussion  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101496**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101496.zip) **TP to TR 38.921: BS remaining parameters**

*Type: pCR For: Approval  
 38.921 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101792**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101792.zip) **Proposals of BS Parameters for Frequency Ranges 6.425-7.125GHz and 10.0-10.5GHz**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

This contribution provides the proposals of the open BS parameters for frequency ranges 6.425-7.125GHz and 10.0-10.5GHz according to the downlink and uplink coexistence simulation results provided.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101949**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101949.zip) **TP to TR 38.921 BS requirements**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102156**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102156.zip) **SI on IMT parameters - Remaining BS parameters**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

This contribution is discussing remaining BS parameters for the SI on IMT parameters

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 10.1.3 Coexistence study

[**R4-2101499**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101499.zip) **TP for Clause 4.3 co-existence simulation results**

*Type: pCR For: Approval  
 38.921 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101950**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101950.zip) **TP to TR 38.921 summary of simulation results**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 10.1.3.1 Simulation assumptions

[**R4-2101793**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101793.zip) **TP to TR 38.921: Clarification of BS maximum transmit power on system level simulation assumptions for study on IMT parameters for frequency ranges 6.425-7.125GHz and 10.0-10.5GHz**

*Type: pCR For: Approval  
 38.921 v0.2.0  
 Source: Nokia, Nokia Shanghai Bell, ZTE*

**Abstract:**

This contribution proposes to remove the reference to Note 3 for the indoor “BS max TX power in dBm” to avoid the ambiguity that 24dBm is defined per polarization.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101953**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101953.zip) **TP to TR 38.921 Maintenance for simulation assumption**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102500**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102500.zip) **TP to TR 38.921: Clarification of beamforming pattern modelling for multiple UL schedued UEs**

*Type: pCR For: Approval  
 38.921 v0.3.0  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 10.1.3.2 Downlink

[**R4-2100490**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100490.zip) **Downlin simulation results for 6425-7125MHz and 10-10.5GHz - indoor scenario**

*Type: discussion For: Discussion  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101497**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101497.zip) **Simulation results on indoor DL co-existence for 6.425-7.125GHz, 10.0-10.5 GHz**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101794**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101794.zip) **Downlink Indoor Hotspot Coexistence Simulation Results for Frequency Ranges 6.425-7.125GHz and 10.0-10.5GHz**

*Type: other For: Discussion  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

This contribution provides the downlink indoor hotspot coexistence simulation results according to the agreed assumptions.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101951**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101951.zip) **DL simulation results for 6425-7125MHz and 10-10.5GHz**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102154**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102154.zip) **SI on IMT parameters - DL simulations results**

*Type: discussion For: Discussion  
 Source: Ericsson*

**Abstract:**

This contribution is providing coexistence simulations results in DL for the 6-7GHz and 10GHz bands

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102498**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102498.zip) **Downlink co-existence simulation results for indoor scenario**

*Type: discussion For: (not specified)  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 10.1.3.3 Uplink

[**R4-2100491**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100491.zip) **Uuplink simulation results for 6425-7125MHz and 10-10.5GHz indoor scenario- indoor scenario**

*Type: discussion For: Discussion  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101498**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101498.zip) **Simulation results on indoor UL co-existence for 6.425-7.125GHz, 10.0-10.5 GHz**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101795**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101795.zip) **Uplink Indoor Hotspot Coexistence Simulation Results for Frequency Ranges 6.425-7.125GHz and 10.0-10.5GHz**

*Type: other For: Discussion  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

This contribution provides the uplink indoor hotspot coexistence simulation results according to the agreed assumptions.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101952**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101952.zip) **UL simulation results for 6425-7125MHz and 10-10.5GHz**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102155**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102155.zip) **SI on IMT parameters - UL simulations results**

*Type: discussion For: Discussion  
 Source: Ericsson*

**Abstract:**

This contribution is providing coexistence simulations results in UL for the 6-7GHz and 10GHz bands

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102499**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102499.zip) **Uplink co-existence simulation results for indoor scenario**

*Type: discussion For: (not specified)  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 10.1.4 Antenna characteristics

[**R4-2101182**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101182.zip) **TP to TR 38.921: Addition of in-door antenna parameters and correction to model in subclause 8.1**

*Type: pCR For: Approval  
 38.921 v0.2.0  
 Source: Ericsson*

**Abstract:**

At the end of this contribution a text proposal is attached for approval. The text proposal consists of two parts; Addition of antenna parameters for in-door deployment scenario and correction of antenna parameter definition in subclause 8.1.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101796**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101796.zip) **TP to TR 38.921: Proposals of Indoor BS Antenna Characteristics for Frequency Ranges 6.425-7.125GHz and 10.0-10.5GHz**

*Type: pCR For: Approval  
 38.921 v0.2.0  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

This contribution provides the proposals of indoor BS antenna characteristics for frequency ranges 6.425-7.125GHz and 10.0-10.5GHz according to the downlink and uplink coexistence simulation results provided

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101954**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101954.zip) **TP to TR 38.921 Antenna configurations**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 10.1.5 Relevant information for the sharing and compatibility studies

[**R4-2101797**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101797.zip) **Proposals of Relevant Information for the ITU-R WP5D Sharing and Compatibility Studies for Frequency Ranges 6.425-7.125GHz and 10.0-10.5GHz**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

This contribution provides the proposals on how the relevant information may be considered in the ITU-R WP5D sharing and compatibility studies for frequency ranges 6.425-7.125GHz and 10.0-10.5GHz.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

## 11 Rel-17 non-spectrum related work items for NR

### 11.2 RF requirements enhancement for NR frequency range 1 (FR1) [NR\_RF\_FR1\_enh]

#### 11.2.1 General and work plan [NR\_RF\_FR1\_enh-Core]

**R4-2102983 Email discussion summary for [98e][135] NR\_RF\_FR1\_enh\_Part\_1**

*Type: other For: Information  
 Source: Moderator (Huawei)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2102627**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102627.zip) **additional work plan for Rel-17 FR1 UE RF enhancement**

*Type: Work Plan For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 11.2.2 RF core requirements [NR\_RF\_FR1\_enh-Core]

[**R4-2102284**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102284.zip) **n77(3/4A) DL CA UE Architecture, Regional Needs and 4x4 DL MIMO Support**

*Type: discussion For: Approval  
 38.101-1 v..  
 Source: Skyworks Solutions Inc.*

**Abstract:**

In this contribution, we further discuss architecture and 4x4 DL MIMO support for n77(3A/4A) and regional needs and make proposals in order to introduce these combinations in Release 17.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 11.2.2.1 UL MIMO configuration for SUL band configurations [NR\_RF\_FR1\_enh-Core]

[**R4-2100799**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100799.zip) **CR on introducing NR SUL bands n80 to UL-MIMO configuration**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0631 Cat: B (Rel-17)  
  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101854**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101854.zip) **Draft CR to TS 38.101-1 on switching time between SUL and NUL**

*Type: draftCR For: Endorsement  
 38.101-1 v17.0.0  
 Source: ZTE Wistron Telecom AB*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101855**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101855.zip) **Switching time for UL-MIMO enabled SUL band combination**

*Type: discussion For: Decision  
 Source: ZTE Wistron Telecom AB*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 11.2.2.2 2Tx switching between carrier 1 and carrier 2 [NR\_RF\_FR1\_enh-Core]

**R4-2102984 Email discussion summary for [98e][136] NR\_RF\_FR1\_enh\_Part\_2**

*Type: other For: Information  
 Source: Moderator (China Telecom)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100496**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100496.zip) **Discussion on 2Tx switching**

*Type: discussion For: Discussion  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100600**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100600.zip) **Discussion on power boosting for 2Tx switching**

*Type: discussion For: Discussion  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision: Withdrawn.**

[**R4-2100790**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100790.zip) **Remaining issues on Tx switching enhancement and draft LS**

*Type: discussion For: Discussion  
 Source: China Telecom*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100791**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100791.zip) **Switching time mask for 2Tx-2Tx switching between two carriers and 1Tx-2Tx/2Tx-2Tx switching between two bands in Rel-17**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0628 Cat: B (Rel-17)  
  
 Source: China Telecom*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100800**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100800.zip) **Discussion on 2Tx switching between carrier 1 and carrier 2**

*Type: discussion For: Discussion  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101754**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101754.zip) **Discussion on Rel-17 power boosting in switched UL transmission**

*Type: discussion For: Approval  
 Source: OPPO*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102706**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102706.zip) **Further discussion on Tx Switching enhancment**

*Type: discussion For: Discussion  
 Source: vivo*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 11.2.2.3 Tx switching between 1 carrier on band A and 2 contiguous aggregated carriers on band B [NR\_RF\_FR1\_enh-Core]

[**R4-2100801**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100801.zip) **Discussion on Tx switching between 1 carrier on band A and 2 contiguous aggregated carriers on band B**

*Type: discussion For: Discussion  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101104**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101104.zip) **Discussion on remaining issue on UL Tx switching enhancement in R17**

*Type: other For: Approval  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101851**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101851.zip) **Discussion on 2Tx UL switching between two bands**

*Type: discussion For: Discussion  
 Source: ZTE Wistron Telecom AB*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102397**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102397.zip) **On 2Tx - 2Tx UE uplink switch**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 11.2.2.4 HPUE for TDD intra-band contiguous UL CA [NR\_RF\_FR1\_enh-Core]

[**R4-2100288**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100288.zip) **MPR/A-MPR initial simulation results according to candidate RF architectures**

*Type: other For: Approval  
 Source: LG Electronics France*

**Abstract:**

Provide initial MPR/A-MPR simulations results for PC2 NR intra-band contiguous CA

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100544**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100544.zip) **PC2 Class C UL CA UE Architecture and MPR/A-MPR evaluation**

*Type: discussion For: Approval  
 38.101-1 v..  
 Source: Skyworks Solutions Inc.*

**Abstract:**

This contribution discusses the transmitter architecture options for PC2 contiguous UL CA and reuses the measured data to make proposals for PC2 class B and C UL CA MPR and NS04 A-MPR.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101103**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101103.zip) **Discussion on HP UE for TDD intra-band contiguous UL CA**

*Type: other For: Approval  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101160**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101160.zip) **HPUE TDD+TDD MPR and AMPR**

*Type: other For: Approval  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101755**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101755.zip) **Discussion on Rel-17 FR1 UL CA**

*Type: discussion For: Approval  
 Source: OPPO*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102133**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102133.zip) **Discussion on PC2 intra-band contiguous NR CA RF requirements**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **withdrawn**.

[**R4-2102184**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102184.zip) **Discussion on PC2 intra-band contiguous NR CA RF requirements**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102657**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102657.zip) **on intra-band CA HPUE RF architecture and MPR**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 11.2.2.5 HPUE for TDD intra-band non-contiguous UL CA [NR\_RF\_FR1\_enh-Core]

**R4-2102985 Email discussion summary for [98e][137] NR\_RF\_FR1\_enh\_Part\_3**

*Type: other For: Information  
 Source: Moderator (Qualcomm)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100289**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100289.zip) **MPR/A-MPR initial simulation assumptions for PC2 NR intra-band NC CA**

*Type: other For: Approval  
 Source: LG Electronics France, LG Uplus*

**Abstract:**

Propose baseline RF architecture and basic simulation assumptions for MPR requirements for PC2 intra-band NC CA

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100572**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100572.zip) **PC2 non-contiguous UL CA UE Architecture and MPR/A-MPR evaluation**

*Type: discussion For: Approval  
 38.101-1 v..  
 Source: Skyworks Solutions Inc.*

**Abstract:**

This contribution discusses the transmitter architecture for PC2 non-contiguous Ul CA and provides the evaluation assumptions for n77 and n41 MPR and NS04 A-MPR.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102134**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102134.zip) **Discussion on PC2 intra-band non-contiguous NR CA**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **withdrawn**.

[**R4-2102185**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102185.zip) **Discussion on PC2 intra-band non-contiguous NR CA**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102707**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102707.zip) **Discussion on SAR control scheme for TDD intra-band non-contiguous UL CA HPUE**

*Type: discussion For: Discussion  
 Source: vivo*

**Discussion:**

[report of discussion]

**Decision:** The document was **withdrawn**.

### 11.3 NR RF requirement enhancements for frequency range 2 (FR2) [NR\_RF\_FR2\_req\_enh2]

#### 11.3.1 General and work plan [NR\_RF\_FR2\_req\_enh2-Core]

**R4-2102986 Email discussion summary for [98e][138] NR\_RF\_FR2\_req\_enh2\_Part\_1**

*Type: other For: Information  
 Source: Moderator (Nokia)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100264**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100264.zip) **Release 17 FR2 bandwidth class**

*Type: discussion For: Decision  
 Source: Verizon Denmark*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100693**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100693.zip) **Status overview and proposals on FR2 inter-band CA discussion**

*Type: discussion For: Approval  
 Source: MediaTek Beijing Inc.*

**Abstract:**

Proposal1: For “feasibility study stage”, RAN4 shall converge inter-band DL CA discussion firstly, before start to do inter-band UL CA feasibility study.

Proposal2: For “UE requirement discussion stage”, RAN4 shall specify exact band combination demand f

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101727**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101727.zip) **On the inter-band UL CA study and change of scope too include improved BC**

*Type: other For: Approval  
 Source: Ericsson, Sony*

**Abstract:**

In this contribution we propose that the scope of the UL inter-band study is reduced to give room for further work on beam correspondence

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 11.3.2 RF core requirements [NR\_RF\_FR2\_req\_enh2-Core]

**R4-2102987 Email discussion summary for [98e][139] NR\_RF\_FR2\_req\_enh2\_Part\_2**

*Type: other For: Information  
 Source: Moderator (Qualcomm)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

##### 11.3.2.1 Inter-band DL CA enhancements [NR\_RF\_FR2\_req\_enh2-Core]

###### 11.3.2.1.1 Applicability of CBM/IBM for different CA configurations [NR\_RF\_FR2\_req\_enh2-Core]

[**R4-2100143**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100143.zip) **Specification differences between IBM and CBM**

*Type: discussion For: Discussion  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100570**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100570.zip) **Views on Applicability of CBM/IBM for different CA configurations**

*Type: other For: Approval  
 Source: Sony, Ericsson*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100598**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100598.zip) **Applicability for CBM and IBM for FR2 inter-band CA band combos**

*Type: other For: Approval  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100636**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100636.zip) **Discussion on applicability of CBM and IBM for different CA configurations**

*Type: discussion For: Discussion  
 Source: LG Electronics*

**Abstract:**

It discusses applicability of CBM and IBM for different CA configurations for both UL CA and DL CA.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101284**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101284.zip) **Frequency separation class consideration for inter-band CA based on CBM**

*Type: discussion For: Discussion  
 Source: Intel Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101373**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101373.zip) **Frequency separation class for inter-band CA within the same frequency group based on CBM**

*Type: discussion For: Approval  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101756**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101756.zip) **Discussion on Rel-17 FR2 CBM IBM**

*Type: discussion For: Approval  
 Source: OPPO*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102131**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102131.zip) **Discussion on FR2 Inter-band DL CA enhancements**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **withdrawn**.

[**R4-2102182**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102182.zip) **Discussion on FR2 Inter-band DL CA enhancements**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102511**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102511.zip) **Discussion on the CBM/IBM applicability of Rel-17 FR2 inter-band CA**

*Type: discussion For: Approval  
 Source: Google Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102676**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102676.zip) **on CBM and IBM for FR2 inter-band DL CA**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

###### 11.3.2.1.2 UE requirements for CA configurations CA\_n258A-n260A and CA\_n257A-n259A based on IBM [NR\_RF\_FR2\_req\_enh2-Core]

[**R4-2100620**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100620.zip) **RF specifications for DLCA n260A\_n258A and n259A\_n257A based on IBM**

*Type: other For: Approval  
 38.101-2 v..  
 Source: Qualcomm Incorporated*

**Abstract:**

Provides RF specifications for DLCA n260A\_n258A and n259A\_n257A

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100695**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100695.zip) **Proposals on PC3 RIB of CA\_n258A-n260A and CA\_n257A-n259A**

*Type: discussion For: Approval  
 Source: MediaTek Beijing Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100747**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100747.zip) **FR2 inter-band CA for different frequency band groups with IBM**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

In this contribution, the general framework for FR2 inter-band DL CA for different frequency group based on IBM is discussed.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101199**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101199.zip) **Band specific requirements for FR2 DL Inter-band CA of n257n259 with IBM**

*Type: other For: Approval  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102138**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102138.zip) **Discussion on UE requirements for CA configurations based on IBM**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **withdrawn**.

[**R4-2102189**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102189.zip) **Discussion on UE requirements for CA configurations based on IBM**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102607**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102607.zip) **CA\_n258A-n260A and CA\_n257A-n259A based on IBM**

*Type: other For: Discussion  
 38.101-2 v..  
 Source: Apple*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

###### 11.3.2.1.3 UE requirements for CA configurations within the same frequency group based on CBM [NR\_RF\_FR2\_req\_enh2-Core]

[**R4-2100142**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100142.zip) **IBM RF requirements for CA configurations within same frequency group**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100621**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100621.zip) **CBM requirements for DLCA band combinations from the same frequency group**

*Type: other For: Approval  
 38.101-2 v..  
 Source: Qualcomm Incorporated*

**Abstract:**

Provides a framework for CBM requirements for DLCA band combinations from the same frequency group

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102608**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102608.zip) **Inter-band DL CA within same frequency group based on CBM**

*Type: other For: Approval  
 38.101-2 v..  
 Source: Apple*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 11.3.2.2 Inter-band UL CA [NR\_RF\_FR2\_req\_enh2-Core]

###### 11.3.2.2.1 UE requirements for CA configuration CA\_n257A-n259A based on IBM [NR\_RF\_FR2\_req\_enh2-Core]

[**R4-2100697**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100697.zip) **Views on inter-band UL CA power class definition**

*Type: discussion For: Approval  
 Source: MediaTek Beijing Inc.*

**Abstract:**

Proposal1: For min requirement of “simultaneous uplink in multiple bands”, “per UE” concept shall be applied.

Proposal2: Clarify whether apply power sharing mechanism for FR2 inter-band UL CA firstly, before discuss the details about based on “EIRP” or “

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101202**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101202.zip) **UE requirements for FR2 UL Inter-band CA**

*Type: other For: Approval  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101283**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101283.zip) **Consideration on inter-band UL CA RF requirements**

*Type: discussion For: Discussion  
 Source: Intel Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101374**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101374.zip) **The MOP and Tx requirements for inter-band UL CA in FR2**

*Type: discussion For: Approval  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 11.3.3 Feasibility study [NR\_RF\_FR2\_req\_enh2-Core]

[**R4-2100637**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100637.zip) **Discussion on feasibility for inter-band CA configurations**

*Type: discussion For: Discussion  
 Source: LG Electronics*

**Abstract:**

It discusses feasibility for inter-band CA configurations.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 11.3.3.1 Inter-band DL CA enhancements [NR\_RF\_FR2\_req\_enh2-Core]

[**R4-2102714**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102714.zip) **Simulation and analysis of FR2 inter-band DL CA based on CBM/IBM**

*Type: discussion For: Discussion  
 Source: vivo*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

###### 11.3.3.1.1 Feasibility study for CA configurations within same frequency group based on IBM [NR\_RF\_FR2\_req\_enh2-Core]

[**R4-2100893**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100893.zip) **Discussion on IBM inter-band CA within same frequency group**

*Type: discussion For: Discussion  
 Source: Samsung*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101375**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101375.zip) **The IBM UE capability for inter-band CA within the same frequency group**

*Type: discussion For: Approval  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

###### 11.3.3.1.2 Feasibility study for CA configurations between different frequency groups based on CBM [NR\_RF\_FR2\_req\_enh2-Core]

[**R4-2100240**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100240.zip) **On the feasibility of CBM for FR2 inter-band CA cross different frequency groups**

*Type: discussion For: Discussion  
 Source: Apple*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101376**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101376.zip) **The CBM UE capability for inter-band CA between different frequency groups**

*Type: discussion For: Approval  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 11.3.3.2 Inter-band UL CA [NR\_RF\_FR2\_req\_enh2-Core]

[**R4-2102715**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102715.zip) **Discussion on FR2 inter-band UL CA**

*Type: discussion For: Discussion  
 Source: vivo*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

###### 11.3.3.2.1 Feasibility study for CA configurations within same frequency group based on IBM and CBM [NR\_RF\_FR2\_req\_enh2-Core]

[**R4-2100619**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100619.zip) **Definition of TRP and EIRP for FR2 ULCA**

*Type: other For: Approval  
 38.101-2 v..  
 Source: Qualcomm Incorporated*

**Abstract:**

Provides definitions for TRP and EIRP for FR2 ULCA

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

###### 11.3.3.2.2 Feasibility study for CA configurations between different frequency groups based on CBM [NR\_RF\_FR2\_req\_enh2-Core]

#### 11.3.4 UL gaps for self-calibration and monitoring [NR\_RF\_FR2\_req\_enh2-Core]

**R4-2102988 Email discussion summary for [98e][140] NR\_RF\_FR2\_req\_enh2\_Part\_3**

*Type: other For: Information  
 Source: Moderator (Apple)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100825**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100825.zip) **Performance evaluation for calibration**

*Type: discussion For: Discussion  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 11.3.4.1 Gap use cases and performance evaluation [NR\_RF\_FR2\_req\_enh2-Core]

[**R4-2100218**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100218.zip) **UL gaps for Tx power management**

*Type: discussion For: Discussion  
 Source: Apple*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101129**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101129.zip) **Discussion on the UL Gap**

*Type: discussion For: Discussion  
 Source: LG Electronics Finland*

**Abstract:**

Use cases and metrics are further discussed in this contribution.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101200**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101200.zip) **Consideration on FR2 UL gap for self calibration and monitering**

*Type: other For: Approval  
 Source: NTT DOCOMO INC.*

**Discussion:**

[report of discussion]

**Decision:** The document was **withdrawn**.

[**R4-2101467**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101467.zip) **Discussion on UL gap for self-calibration and monitoring**

*Type: discussion For: Discussion  
 Source: vivo*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102623**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102623.zip) **on gaps for self-calibration and monitoring**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102680**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102680.zip) **Power calibration gap UE improvement requirements**

*Type: discussion For: Agreement  
 Source: Ericsson, Sony*

**Abstract:**

This paper disusses the performance iprovements required for UEs supporting PCGs

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 11.3.4.2 Others [NR\_RF\_FR2\_req\_enh2-Core]

[**R4-2100144**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100144.zip) **FR2 UL gaps for self-calibration and monitoring**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100217**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100217.zip) **UL gaps for tranceiver calibration**

*Type: discussion For: Discussion  
 Source: Apple*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100599**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100599.zip) **UL calibration gap continuation**

*Type: other For: Approval  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 11.7 NR support for high speed train scenario in FR2 [NR\_HST\_FR2\_enh]

**R4-2102989 Email discussion summary for [98e][141] NR\_HST\_FR2\_enh**

*Type: other For: Information  
 Source: Moderator (Samsung)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 11.7.1 General and work plan [NR\_HST\_FR2\_enh-Core]

[**R4-2102103**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102103.zip) **HST FR2 general aspects**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

Considers general work needed to determine supportable speed, including demod

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102266**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102266.zip) **NR support for high speed train scenario in frequency range 2 (FR2)**

*Type: other For: Approval  
 38.133 v..  
 Source: Nokia, Nokia Shanghai Bell, Samsung*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 11.7.2 High speed train deployment scenario in FR2 [NR\_HST\_FR2\_enh-Core]

[**R4-2100631**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100631.zip) **FR2 HST general discussion**

*Type: discussion For: Discussion  
 Source: Qualcomm, Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100915**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100915.zip) **Further discussion on high speed train deployment scenario in FR2**

*Type: discussion For: Discussion  
 Source: Samsung*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100916**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100916.zip) **Simulation results and analysis on HST deployment scenario in FR2**

*Type: discussion For: Discussion  
 Source: Samsung*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101267**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101267.zip) **Discussion on deployment scenarios for NR HST in FR2**

*Type: discussion For: Discussion  
 Source: Intel Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101368**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101368.zip) **Discussion on deployment scenarios for FR2 HST**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101856**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101856.zip) **Deployment scenarios for HST FR2**

*Type: discussion For: Discussion  
 Source: ZTE Wistron Telecom AB*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102093**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102093.zip) **Simulation results for HST in FR2**

*Type: discussion For: Discussion  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102099**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102099.zip) **On high-speed train deployment scenario in FR2**

*Type: discussion For: Discussion  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102104**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102104.zip) **HST FR2 deployment aspects**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

Considers antenna, link budget, deployment etc.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 11.7.3 UE RF core requirements [NR\_HST\_FR2\_enh-Core]

[**R4-2100632**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100632.zip) **FR2 HST RRM discussion**

*Type: discussion For: Discussion  
 Source: Qualcomm, Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100918**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100918.zip) **Discussion on UE RF requirement for FR2 HST**

*Type: discussion For: Discussion  
 Source: Samsung*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102561**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102561.zip) **Power Class 4 for HST**

*Type: discussion For: Discussion  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102679**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102679.zip) **Consideration on UE requirements for FR2 HST**

*Type: discussion For: Discussion  
 Source: Ericsson*

**Abstract:**

This paper discusses the need for spherical coverage requirements for HST FR2 UEs as well as max output pwr

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 11.10 NR Sidelink enhancement [NRSL\_enh]

#### 11.10.1 General and work plan [NRSL\_enh]

**R4-2102990 Email discussion summary for [98e][142] NRSL\_enh\_Part\_1**

*Type: other For: Information  
 Source: Moderator (LG Electronics)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100282**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100282.zip) **TR38.xxx v0.0.1 TR Skeleton for SL enhancement in Rel-17**

*Type: other For: Agreement  
 Source: LG Electronics France*

**Abstract:**

Provide Draft TR skeleton for SL enhancement in Rel-17

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101938**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101938.zip) **Discussion on the adjacent channel coexistence simulation between SL and Uu in license band**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102342**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102342.zip) **Bandwidth for SL operating in n14**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

In this paper, we present our view on bandwidth support for n14.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 11.10.2 Spectrum request for SL operation [NRSL\_enh-Core]

[**R4-2101857**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101857.zip) **Additional Information for SL Operation in NR Band n14**

*Type: discussion For: Approval  
 Source: AT&T*

**Abstract:**

This contribution provides the additional information for SL operation in NR Band n14 that was requested in the approved WF in [R4-2016923](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2016923.zip).

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 11.10.3 UE RF requirements for NR SL enhancement [NRSL\_enh-Core]

##### 11.10.3.1 TX requirements [NRSL\_enh-Core]

[**R4-2100418**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100418.zip) **Discussion on UE Tx RF requirement for NR SL enhancement**

*Type: discussion For: Approval  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101937**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101937.zip) **Discussion on n47 PC2 MPR simulation of Rel-17 SL enhancement**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102346**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102346.zip) **SL UE Timing mask for Partially used SL operation with NR Uu operating bands**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

In this paper, we present our view on timing mask for partially used SL operation with NR Uu operating bands in licensed band operation.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 11.10.3.2 RX requirements [NRSL\_enh-Core]

[**R4-2100419**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100419.zip) **Discussion on UE Rx RF requirement for NR SL enhancement**

*Type: discussion For: Approval  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 11.10.4 Partially used SL operation with NR Uu operating bands [NRSL\_enh-Core]

**R4-2102991 Email discussion summary for [98e][143] NRSL\_enh\_Part\_2**

*Type: other For: Information  
 Source: Moderator (CATT)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

##### 11.10.4.1 Operating scenarios for partially used SL operation [NRSL\_enh-Core]

[**R4-2100415**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100415.zip) **Discussion on operating scenarios for partial used SL operation**

*Type: discussion For: Approval  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100784**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100784.zip) **General issues about licensed bands partially used for SL**

*Type: discussion For: Approval  
 Source: vivo*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101875**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101875.zip) **on operating scenarios for partially used SL operation**

*Type: discussion For: (not specified)  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102343**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102343.zip) **Operating scenarios for partially used SL operation**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

In this paper, we present our view on operation scenarios in licensed band operation.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 11.10.4.2 Synchronous operation between NR Uu and NR SL in an operating band [NRSL\_enh-Core]

[**R4-2100283**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100283.zip) **Consideration on partial usage operation with PC5 and Uu in a licensed band**

*Type: other For: Approval  
 Source: LG Electronics France*

**Abstract:**

propose as follow

Proposal 1: RAN4 allow TDM operation between PC5 and Uu operation in a licensed TDD band.

Proposal 2: RAN4 can specify the con-current V2X operation in TDD intra-band without in-device coexistence study. For the FDD intra-band con-curre

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100416**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100416.zip) **Discussion on synchronous operation between NR Uu and NR SL**

*Type: discussion For: Approval  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101877**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101877.zip) **Synchronous operation between NR Uu and NR SL in an operating band**

*Type: discussion For: (not specified)  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102345**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102345.zip) **SL UE synchronization issue for licensed operation**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

In this paper, we present our view on timing alignment issue in licensed band operation.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 11.10.4.3 Others [NRSL\_enh-Core]

#### 11.10.5 High power UE(PC2) for SL [NRSL\_enh-Core]

**R4-2102992 Email discussion summary for [98e][144] NRSL\_enh\_Part\_3**

*Type: other For: Information  
 Source: Moderator (Huawei)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100420**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100420.zip) **Discussion on PC2 for SL enhancement**

*Type: discussion For: Approval  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101874**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101874.zip) **on HPUE signalling issue**

*Type: discussion For: (not specified)  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 11.10.5.1 TX requirements [NRSL\_enh-Core]

[**R4-2100284**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100284.zip) **PC2 MPR/A-MPR simulation assumptions for NR V2X UE in n47**

*Type: other For: Approval  
 Source: LG Electronics France*

**Abstract:**

Propose detail MPR/A-MPR simulation assumptions for PC2 NR V2X UE in Rel-17

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100785**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100785.zip) **Discussion on HPUE for NR sidelink enhancement in R17**

*Type: discussion For: Approval  
 Source: vivo*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101873**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101873.zip) **on HPUE for V2X RF requirements**

*Type: discussion For: (not specified)  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 11.10.5.2 RX requirements [NRSL\_enh-Core]

#### 11.10.6 Other RF/general requirements for New SL enhancement [NRSL\_enh-Core]

[**R4-2100417**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100417.zip) **Discussion on system parameters for newly introduced SL bands**

*Type: discussion For: Approval  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102344**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102344.zip) **coexisting simulation assumption for public safety UC**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

In this paper, we present our view on coexisting simulation assumption for public safety UC in band n14 in licensed operation.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

## 12 Rel-17 Study Items for NR

### 12.2 Study on supporting NR from 52.6 GHz to 71 GHz [FS\_NR\_52\_to\_71GHz]

#### 12.2.1 Numerology, Channel BW [FS\_NR\_52\_to\_71GHz]

**R4-2102993 Email discussion summary for [98e][145] FS\_NR\_52\_to\_71GHz\_Part\_1**

*Type: other For: Information  
 Source: Moderator (Qualcomm)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100364**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100364.zip) **Discussion on CBW and FR name for above 52.6 GHz**

*Type: other For: Approval  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101561**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101561.zip) **TP to TR 38.808: Numerology and Channel Bandwidths**

*Type: pCR For: Approval  
 38.808 v1.0.0  
 Source: Ericsson*

**Abstract:**

Adding numerology and channel bandwidth to RAN4 part of TR

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102569**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102569.zip) **TP to TR 38.808: capturing WF on the min/max CHBW and SCS**

*Type: pCR For: Approval  
 38.808 v1.0.0  
 Source: Huawei*

**Abstract:**

Based on the WF on minimum and maximum channel bandwidths for 52.6 - 71 GHz range as approved last meeting, it is proposed to capture the WF agreements in the TR 38.808.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102730**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102730.zip) **Discussion on minimum and maximum channel bandwidth for 52.6 GHz to 71 GHz**

*Type: discussion For: Approval  
 Source: Huawei, HiSilicon*

**Abstract:**

In this contribution, we provide further consideration on minimum and maximum channel bandwidth for 52.6 GHz to 71 GHz.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 12.2.1.1 General [FS\_NR\_52\_to\_71GHz]

[**R4-2100519**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100519.zip) **Further considerations on the numerology and channel bandwidth sizes for 60GHz frequency range**

*Type: discussion For: Decision  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100781**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100781.zip) **Discussion on the minimum and maximum channel bandwidth for B52.6GHz**

*Type: discussion For: Approval  
 Source: vivo*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100803**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100803.zip) **Discussion on band definition and channel BW for NR in 52.6GHz ~ 71GHz**

*Type: discussion For: Discussion  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101281**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101281.zip) **On numerology and channel bandwidth in 52.6 – 71 GHz**

*Type: discussion For: Discussion  
 Source: Intel Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102006**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102006.zip) **Numerology and channel bandwidth discussion for NR beyond 52.6 GHz**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102609**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102609.zip) **Views on UL TPC for NR in 60 GHz and above frequency ranges**

*Type: other For: Approval  
 Source: Apple*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 12.2.1.2 General [FS\_NR\_52\_to\_71GHz]

[**R4-2101280**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101280.zip) **On improved transient period for NR 52.6 - 71 GHz**

*Type: discussion For: Discussion  
 Source: Intel Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101863**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101863.zip) **TP for NR Rel-17 TR 38.808: Time and synchronization impact**

*Type: pCR For: Approval  
 38.808 v1.0.0  
 Source: Ericsson*

**Abstract:**

Analysis of transient cases.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101955**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101955.zip) **TP to TR 38.808 Further considerations on timing for 52.6-71GHz**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102009**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102009.zip) **TP to TR 38.808: Timing considerations for operation between 52.6 and 71 GHz**

*Type: pCR For: Approval  
 38.808 v1.0.0  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 12.2.1.3 Phase noise [FS\_NR\_52\_to\_71GHz]

[**R4-2100782**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100782.zip) **Comparison of different PN models for B52.6G**

*Type: discussion For: Approval  
 Source: vivo*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101181**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101181.zip) **TP to TR 38.808: Addition of a set of phase noise models in subclause 4.2.3**

*Type: pCR For: Approval  
 38.808 v1.0.0  
 Source: Ericsson*

**Abstract:**

The text proposal covers not only the phase noise model but also more detailed technical information on how the model was derived in described in Annex C.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102008**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102008.zip) **TP to TR 38.808: Phase noise considerations**

*Type: pCR For: Approval  
 38.808 v1.0.0  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102839**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102839.zip) **Text proposal PTRS**

*Type: pCR For: Approval  
 38.808 v1.0.0  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 12.2.2 BS aspect [FS\_NR\_52\_to\_71GHz]

**R4-2102994 Email discussion summary for [98e][146] FS\_NR\_52\_to\_71GHz\_Part\_2**

*Type: other For: Information  
 Source: Moderator (Intel)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100383**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100383.zip) **Discussion on the BS requirements for 52.6-71GHz**

*Type: other For: Approval  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101183**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101183.zip) **TP to TR 38.808: Addition of technical background for BS in clause 2 and subclause 4.2.5**

*Type: pCR For: Approval  
 38.808 v1.0.0  
 Source: Ericsson*

**Abstract:**

At the end of this contribution a text proposal to TR 38.808, clause 2 and subclause 4.2.5 is attached for approval. The text proposal adds missing parts of technical information to be captured in TR 38.808 to be able to conclude the Study Item.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102007**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102007.zip) **TP to TR 38.808: BS RF for NR beyond 52.6 GHz**

*Type: pCR For: Approval  
 38.808 v1.0.0  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102570**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102570.zip) **TP to TR 38.808: BS aspects**

*Type: pCR For: Approval  
 38.808 v1.0.0  
 Source: Huawei*

**Abstract:**

This contribution provides TP to TR 38.808 on selected BS aspects for 52.6 – 71 GHz range, including BS architecture and BS classes and additional examples of BS antenna array.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 12.2.3 UE aspect [FS\_NR\_52\_to\_71GHz]

[**R4-2102010**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102010.zip) **UE RF for NR beyond 52.6 GHz**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102681**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102681.zip) **TP to TR 38.808: Addition of UE aspects**

*Type: pCR For: Approval  
 38.808 v1.0.0  
 Source: Ericsson*

**Abstract:**

Impact on SCS's on number of transient affected symbols for UE

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102862**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102862.zip) **Text proposal UE power amplifier and antenna array**

*Type: pCR For: Approval  
 38.808 v1.0.0  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 12.2.4 Others [FS\_NR\_52\_to\_71GHz]

[**R4-2100384**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100384.zip) **Discussion on co-existence for 52.6-71GHz**

*Type: other For: Approval  
 Source: CATT*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100520**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100520.zip) **Regulatory update for the 60GHz frequency range**

*Type: discussion For: Decision  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100521**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100521.zip) **Regulatory update for the 60GHz frequency range**

*Type: draftCR For: Endorsement  
 38.807 v16.0.0  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100531**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100531.zip) **Views on 60 GHz testability**

*Type: discussion For: Discussion  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100911**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100911.zip) **How to incorperate 52.6-71GHz in specification**

*Type: other For: Discussion  
 Source: Samsung*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101833**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101833.zip) **Views on Study the testability of 60GHz**

*Type: discussion For: Approval  
 Source: vivo Communication Technology*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101956**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101956.zip) **Discussion on frequency range definition for 52.6-71GHz**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102043**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102043.zip) **TP to TR 38.808 on Spectrum regulatory situation**

*Type: pCR For: Approval  
 38.808 v1.0.0  
 Source: Ericsson*

**Abstract:**

TP to TR 38.808 on Spectrum regulatory situation within 52.6 - 71 GHz

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102571**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102571.zip) **Inputs to the discussion on the FR2-extension vs. FR3 introduction for NR operation in 52.6 - 71 GHz range**

*Type: discussion For: Discussion  
 Source: Huawei*

**Abstract:**

In this contribution we collect observations on the RAN4 specification impact (as well as selected RAN1 and RAN2 aspects) considering FR2-extension and FR3 introduction alternatives for the NR operation in 52.6 – 71 GHz range. This is provided to ease dec

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102866**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102866.zip) **Specifying 60 GHz as part of FR2**

*Type: discussion For: Discussion  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 12.3 Study on Efficient utilization of licensed spectrum that is not aligned with existing NR channel bandwidths [FS\_NR\_eff\_BW\_util]

**R4-2102995 Email discussion summary for [98e][147] FS\_NR\_eff\_BW\_util**

*Type: other For: Information  
 Source: Moderator (Ericsson)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 12.3.1 General and work plan [FS\_NR\_eff\_BW\_util]

[**R4-2100804**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100804.zip) **Discussion on the general aspects for irregular bandwidth**

*Type: discussion For: Discussion  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101555**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101555.zip) **Updated TR 38.844 v0.0.2**

*Type: draft TR For: Agreement  
 38.844 v0.0.2  
 Source: Ericsson*

**Abstract:**

Updated TR

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 12.3.2 Input on operator licensed channel bandwidths in FR1 that do not align with existing NR channel bandwidths [FS\_NR\_eff\_BW\_util]

#### 12.3.3 Evaluation of use of larger channel bandwidths than operator licensed bandwidth [FS\_NR\_eff\_BW\_util]

[**R4-2101556**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101556.zip) **Utilizing larger bandwidth than the operator licensed bandwidth**

*Type: discussion For: Approval  
 Source: Ericsson*

**Abstract:**

In this contribution, the goal is to focus on operator licensed bandwidths between 5 MHz and 10 MHz cases.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101959**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101959.zip) **Discussion on irregular channel bandwidth for NR system**

*Type: other For: Discussion  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 12.3.4 Evaluation of use of overlapping UE channel bandwidths (from both UE and network perspective) [FS\_NR\_eff\_BW\_util]

[**R4-2100522**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100522.zip) **Non-standard spectrum allocations for NR bands**

*Type: discussion For: Decision  
 Source: Apple Inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101507**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101507.zip) **Consideration for overlapping UE channel bandwidths**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 12.3.4.1 UE perspective [FS\_NR\_eff\_BW\_util]

[**R4-2100805**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100805.zip) **Discussion on overlapping UE channel bandwidths**

*Type: discussion For: Discussion  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101557**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101557.zip) **Overlapping Channel Bandwidth Approach from UE Perspective**

*Type: discussion For: Discussion  
 Source: Ericsson*

**Abstract:**

In this contribution, the focus will be discussing overlapping bandwidth approach from UE perspective

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102288**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102288.zip) **Network and UE options for the support of irregular channel bandwidth**

*Type: discussion For: Approval  
 38.101-1 v..  
 Source: Skyworks Solutions Inc.*

**Abstract:**

This contribution discusses the different cases from a Network and UE prospective and provides an analysis of potential solutions and their related constraints.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102558**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102558.zip) **On the use of overlapping channel bandwidths from UE perspective**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

##### 12.3.4.2 Network perspective [FS\_NR\_eff\_BW\_util]

[**R4-2101459**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101459.zip) **Handling of Channel Bandwidths That Are Not Multiples of 5MHz**

*Type: discussion For: Discussion  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101558**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101558.zip) **Overlapping Channel Bandwidth Approach from BS Perspective**

*Type: discussion For: Approval  
 Source: Ericsson*

**Abstract:**

In this contribution, the focus will be discussing overlapping bandwidth approach from network perspective

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 12.3.5 Others [FS\_NR\_eff\_BW\_util]

### 12.4 Study on extended 600MHz NR band [FS\_NR\_600MHz\_ext]

**R4-2102996 Email discussion summary for [98e][148] FS\_NR\_600MHz\_ext**

*Type: other For: Information  
 Source: Moderator (Ericsson)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 12.4.1 General

[**R4-2100055**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100055.zip) **Study on extended 600MHz NR band**

*Type: Work Plan For: Decision  
 Source: Spark NZ Ltd*

**Abstract:**

The work scope and work plan are presented in this document.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102589**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102589.zip) **Band Plan for 600MHz SI**

*Type: discussion For: Approval  
 Source: Apple*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 12.4.2 Regulatory study

[**R4-2100744**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100744.zip) **Regulatory study for APT 600 MHz**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Regulatory backgroud of APT 600 MHz is presented.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102162**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102162.zip) **Extended 600MHz band - Regulatory aspects**

*Type: discussion For: Discussion  
 Source: Ericsson*

**Abstract:**

This contribution is giving an overview of regulatory requirements around the extended 600 MHz band in Region 3

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102572**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102572.zip) **Regulatory aspects for the 600MHz range in APT region**

*Type: discussion For: Agreement  
 Source: Huawei*

**Abstract:**

In this contribution we provide the inputs on the regulatory overview of 600 MHz range. Related TP to TR is provided for approval.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 12.4.3 Coexistence study

[**R4-2100745**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100745.zip) **Coexistence for APT 600 MHz**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell, CBN*

**Abstract:**

Coexistence requirement of APT 600 MHz is discussed.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101957**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101957.zip) **Coexistence study for extended 600MHz NR band**

*Type: other For: Discussion  
 Source: ZTE Corporation, CBN*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102573**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102573.zip) **Initial considerations on the coexistence studies for 600MHz SI**

*Type: discussion For: Discussion  
 Source: Huawei*

**Abstract:**

In this contribution we provide initial thoughts on the potential co-existence studies required for the extended 600MHz band in Region 3.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 12.4.4 Study on frequency arrangements (such as options B1 and B2)

[**R4-2100056**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100056.zip) **Frequency band arrangements and duplexer options for extended 600MHz NR band**

*Type: SID new For: Discussion  
 Source: Spark NZ Ltd*

**Abstract:**

The frequency band arrangements are presented in this contribution.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100057**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100057.zip) **Blank TR for extended 600MHz NR band**

*Type: SID new For: Decision  
 Source: Spark NZ Ltd*

**Abstract:**

A blank TR to document the ongoing progress of this study item is enclosed

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100090**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100090.zip) **Blank TR for extended 600MHz NR band**

*Type: SID new For: Decision  
 Source: Spark NZ Ltd*

**Abstract:**

A blank TR to document the ongoing progress of this study item

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100167**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100167.zip) **Blank TR for extended 600MHz NR band**

*Type: SID new For: Decision  
 Source: Spark NZ Ltd*

**Abstract:**

A blank TR to document the ongoing progress of this study item

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100501**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100501.zip) **Consideration on extended 600MHz NR band**

*Type: discussion For: Decision  
 Source: CATT,CBN*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100542**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100542.zip) **Extended 600MHz NR Duplexer Feasibility and Band Arrangement**

*Type: discussion For: Approval  
 38.101-1 v..  
 Source: Skyworks Solutions Inc.*

**Abstract:**

In this contribution, we analyze the different duplexer options in light of the duplexer implementation of other FDD bands in the same frequency range like band 71 and band 28/68 and make alternative proposals for the support of envisaged 2x40MHz spectrum

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100746**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100746.zip) **Frequency arrangements for APT 600 MHz**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

duplexer feasiblity of APT 600 is discussed

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101372**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101372.zip) **Discussion on frequency arrangement for extended 600MHz NR Band**

*Type: discussion For: Approval  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101958**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101958.zip) **Discussions on Option B1 and B2 for extended 600MHz**

*Type: other For: Discussion  
 Source: ZTE Corporation, CBN*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102161**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102161.zip) **Extended 600MHz band - frequency arrangement**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

This contribution is analyzing the 2 proposed options

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102407**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102407.zip) **600 MHz band for Region 3**

*Type: discussion For: Discussion  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102574**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102574.zip) **Feasibility analysis of the frequency arrangement in 600MHz range for APT**

*Type: discussion For: Agreement  
 Source: Huawei, CBN*

**Abstract:**

In this contribution we provide the requested feasibility analysis of the possible frequency arrangements for 600MHz range for APT region, based on the pre-defined options B1 and B2. Related TP to TR is provided for approval.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 12.4.5 Others

[**R4-2102575**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102575.zip) **[DRAFT] Reply LS on technical feasibilities for frequency arrangements for IMT in 470 – 703 MHz band**

*Type: LS out For: Approval  
 to APT Wireless Group, cc TSG RAN  
 Source: Huawei, CBN*

**Abstract:**

In this contribution we provide draft reply LS to the APT Wireless Group LS in RP-202934, based on the discussion on technical feasibilities for frequency arrangements for IMT in 470 – 703 MHz band.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 12.5 Study on high power UE (power class 2) for one NR FDD band [FS\_NR\_PC2\_UE\_FDD]

**R4-2102997 Email discussion summary for [98e][149] FS\_NR\_PC2\_UE\_FDD**

*Type: other For: Information  
 Source: Moderator (China Unicom)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 12.5.1 General

[**R4-2100081**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100081.zip) **Work plan for study on high power UE (power class 2) for one NR FDD band**

*Type: Work Plan For: Approval  
 Source: China Unicom*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101110**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101110.zip) **Discussion on HP UE for FDD bands**

*Type: discussion For: Discussion  
 Source: Xiaomi*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102391**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102391.zip) **On NR FDD HPUE**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102610**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102610.zip) **Views on HPUE for NR FDD bands**

*Type: other For: Discussion  
 Source: Apple*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102708**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102708.zip) **Discussion on HPUE in NR FDD band**

*Type: discussion For: Discussion  
 Source: vivo*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 12.5.2 Scheme(s) to comply with the SAR limits

[**R4-2100110**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100110.zip) **Discussion on SAR schemes for PC2 FDD band**

*Type: discussion For: Discussion  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102135**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102135.zip) **Discussion on SAR scheme for HPUE FDD**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **withdrawn**.

[**R4-2102186**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102186.zip) **Discussion on SAR scheme for HPUE FDD**

*Type: other For: Approval  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 12.5.3 Interference issues

#### 12.5.4 UE implementation issues

[**R4-2100290**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100290.zip) **Consideration of current RF components feasibility for FDD PC2 UE**

*Type: other For: Approval  
 Source: LG Electronics France*

**Abstract:**

Provide current RF component state of art technology for PC2 UE in FDD band

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100543**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100543.zip) **PC2 FDD RFFE Technology, Performance, Thermal and Power Aspects**

*Type: discussion For: Approval  
 38.101-1 v..  
 Source: Skyworks Solutions Inc.*

**Abstract:**

In this contribution we study the impact PC2 operation on the RE front-end in terms of performance, reliability and thermal aspects

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 12.5.5 System performance evaluations

[**R4-2102392**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102392.zip) **System performance evaluation for FDD HPUE**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102503**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102503.zip) **Simulation assumptions for FDD HPUE performance evaluations**

*Type: discussion For: (not specified)  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102709**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102709.zip) **Initial evaulation of PC2 UE for NR FDD**

*Type: discussion For: Discussion  
 Source: vivo*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

## 13 Rel-17 Work Items for LTE

[**R4-2102233**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102233.zip) **Work plan of Rel-17 enhancements for NB-IoT and LTE-MTC**

*Type: Work Plan For: Approval  
 Source: Huawei, Ericsson*

**Abstract:**

Work plan of Rel-17 enhancements for NB-IoT and LTE-MTC

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 13.1 LTE inter-band Carrier Aggregation for 2 bands DL with 1 band UL [LTE\_CA\_R17\_2BDL\_1BUL]

**R4-2102998 Email discussion summary for [98e][150] LTE\_Baskets**

*Type: other For: Information  
 Source: Moderator (Ericsson)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 13.1.1 Rapporteur Input (WID/TR/CR) [LTE\_CA\_R17\_2BDL\_1BUL-Core/Perf]

[**R4-2102494**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102494.zip) **Revised WID: Rel17 LTE inter-band CA for 2 bands DL with 1 band UL**

*Type: WID revised For: (not specified)  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102495**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102495.zip) **Introduction of Rel-17 LTE inter-band CA for 2 bands DL with 1 band UL combinations in TS 36.101**

*Type: CR For: Agreement  
 36.101 v17.0.0 CR-5723 Cat: B (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102496**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102496.zip) **TR 36.717-02-01 Rel-17 LTE inter-band CA for 2 bands DL and 1 band UL CA**

*Type: draft TR For: Agreement  
 36.717-02-01 v0.2.0  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 13.1.2 UE RF with harmonic, close proximity and isolation issues [LTE\_CA\_R17\_2BDL\_1BUL-Core]

[**R4-2102313**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102313.zip) **draft CR to include 2A-2A-7C, 2A-2A-7A-7A, 2A-2A-13A**

*Type: draftCR For: Endorsement  
 36.101 v17.0.0  
 Source: Ericsson, Bell Mobility*

**Abstract:**

draft CR to include 2A-2A-7C, 2A-2A-7A-7A, 2A-2A-13A

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 13.1.3 UE RF without specific issues [LTE\_CA\_R17\_2BDL\_1BUL-Core]

[**R4-2100151**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100151.zip) **TP to TR 36.717-02-01: Addition of CA\_48-53**

*Type: pCR For: Approval  
 36.717-02-01 v0.1.0  
 Source: Nokia, Globalstar*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100729**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100729.zip) **TP to TR 36.717-02-01 CA\_7-25**

*Type: other For: Approval  
 36.717-02-01 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

In this contribution, a text proposal to complete E-UTRA CA configurations, CA\_7A-25A, CA\_7A-7A-25, CA\_7C-25A, CA\_7A-25A-25A, CA\_7A-7A-25A-25A, and CA\_7C-25A-25A are provided.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100730**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100730.zip) **TP to TR 36.717-02-01 CA\_25-66**

*Type: other For: Approval  
 36.717-02-01 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

In this contribution, a text proposal to complete E-UTRA CA configurations, CA\_25-66A and CA\_25A-25A-66A, is provided.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101575**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101575.zip) **TP for TR 36.717-02-01: CA\_2A-8A**

*Type: pCR For: Approval  
 36.717-02-01 v0.1.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101936**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101936.zip) **TP to TR 36.717-02-01 Addition of CA\_46-53**

*Type: pCR For: Approval  
 36.717-02-01 v0.1.0  
 Source: Nokia, Globalstar*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 13.2 LTE inter-band Carrier Aggregation for 3 bands DL with 1 band UL [LTE\_CA\_R17\_3BDL\_1BUL]

#### 13.2.1 Rapporteur Input (WID/TR/CR) [LTE\_CA\_R17\_3BDL\_1BUL-Core/Perf]

[**R4-2102830**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102830.zip) **Revised WID for LTE inter-band CA for 3 bands DL with 1 bands UL**

*Type: WID revised For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102832**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102832.zip) **Introduction of completed R17 3DL band combinations to TS 36.101**

*Type: CR For: Agreement  
 36.101 v17.0.0 CR-5727 Cat: B (Rel-17)  
  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102833**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102833.zip) **TR 36.717-03-01 0.2.0**

*Type: draft TR For: Agreement  
 36.717-03-01 v0.1.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 13.2.2 UE RF with harmonic, close proximity and isolation issues [LTE\_CA\_R17\_3BDL\_1BUL-Core]

[**R4-2101398**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101398.zip) **TP for TR 36.717-03-01: CA\_1-8-32**

*Type: pCR For: Approval  
 36.717-03-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101399**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101399.zip) **TP for TR 36.717-03-01: CA\_1-28-32**

*Type: pCR For: Approval  
 36.717-03-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101400**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101400.zip) **TP for TR 36.717-03-01: CA\_7-8-28**

*Type: pCR For: Approval  
 36.717-03-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101401**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101401.zip) **TP for TR 36.717-03-01: CA\_7-8-32**

*Type: pCR For: Approval  
 36.717-03-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101402**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101402.zip) **TP for TR 36.717-03-01: CA\_7-28-32**

*Type: pCR For: Approval  
 36.717-03-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101403**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101403.zip) **TP for TR 36.717-03-01: CA\_8-20-32**

*Type: pCR For: Approval  
 36.717-03-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101404**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101404.zip) **TP for TR 36.717-03-01: CA\_8-28-32**

*Type: pCR For: Approval  
 36.717-03-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101405**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101405.zip) **TP for TR 36.717-03-01: CA\_20-28-32**

*Type: pCR For: Approval  
 36.717-03-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101907**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101907.zip) **draft CR to inlcude 7A-12A-66A-66A, 2A-2A-5A-7A, 2A-2A-7A-66A-66A, 2A-2A-7A-7A-13A, 2A-2A-7C-13A, 2A-2A-7A-13A**

*Type: draftCR For: Endorsement  
 36.101 v17.0.0  
 Source: Ericsson, Rogers, Bell Mobility*

**Abstract:**

draft CR to inlcude 7A-12A-66A-66A, 2A-2A-5A-7A, 2A-2A-7A-66A-66A, 2A-2A-7A-7A-13A, 2A-2A-7C-13A, 2A-2A-7A-13A

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 13.2.3 UE RF without specific issues [LTE\_CA\_R17\_3BDL\_1BUL-Core]

[**R4-2100731**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100731.zip) **TP to TR 36.717-03-01 CA\_7-25-66**

*Type: other For: Approval  
 36.717-03-01 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

In this contribution, a text proposal to complete E-UTRA CA configurations, CA\_7A-25A-66A, CA\_7A-7A-25A-66A, CA\_7C-25A-66A, CA\_7A-25A-25A-66A, CA\_7A-7A-25A-25A-66A, and CA\_7C-25A-25A-66A, is provided.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101516**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101516.zip) **DraftCR for 36.101 to add CA\_5A-7A-7A-66A, CA\_2A-5A-7A-7A and CA\_7A-7A-13A-66A**

*Type: draftCR For: Endorsement  
 36.101 v17.0.0  
 Source: Huawei, HiSilicon, Bell Mobility, Telus*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 13.3 LTE inter-band Carrier Aggregation for x bands DL (x=4, 5) with 1 band UL [LTE\_CA\_R17\_xBDL\_1BUL]

[**R4-2101522**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101522.zip) **TP for TR 36.717-04-01: CA\_3-7-8-20-28**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101525**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101525.zip) **TP for TR 36.717-04-01: CA\_1-3-7-8-20-28**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101544**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101544.zip) **TP for TR 36.717-04-01: CA\_1-7-8-20-28-32**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 13.3.1 Rapporteur Input (WID/TR/CR) [LTE\_CA\_R17\_xBDL\_1BUL-Core]

[**R4-2100728**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100728.zip) **Introduction of LTE inter-band Carrier Aggregation for x bands DL (x=4, 5) with 1 band UL to TS36.101**

*Type: CR For: Agreement  
 36.101 v17.0.0 CR-5720 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

This is a big CR for the basket work item on LTE CA 4DL/1UL and 5DL/1UL.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102438**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102438.zip) **Revised WID: LTE Advanced inter-band CA Rel-17 for x bands DL (x=4, 5) with 1 band UL**

*Type: WID revised For: Endorsement  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102439**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102439.zip) **Updated scope of TR: LTE inter-band CA for 4/5 bands DL with 1 band UL**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102440**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102440.zip) **TR 36.717-04-01 v0.3.0**

*Type: draft TR For: Agreement  
 36.717-04-01 v0.3.0  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 13.3.2 UE RF with 4 LTE bands CA [LTE\_CA\_R17\_xBDL\_1BUL-Core]

[**R4-2101406**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101406.zip) **TP for TR 36.717-04-01: CA\_1A-3A-7C-20A with UL CA\_7C**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101468**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101468.zip) **TP for TR 36.717-04-01: CA\_1-3-40-41**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101469**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101469.zip) **TP for TR 36.717-04-01: CA\_1-7-8-28**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101470**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101470.zip) **TP for TR 36.717-04-01: CA\_1-7-8-32**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101471**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101471.zip) **TP for TR 36.717-04-01: CA\_1-7-28-32**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101472**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101472.zip) **TP for TR 36.717-04-01: CA\_1-8-20-32**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101473**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101473.zip) **TP for TR 36.717-04-01: CA\_1-8-28-32**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101474**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101474.zip) **TP for TR 36.717-04-01: CA\_1-20-28-32**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101475**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101475.zip) **TP for TR 36.717-04-01: CA\_3-7-8-28**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101476**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101476.zip) **TP for TR 36.717-04-01: CA\_3-8-40-41**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101477**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101477.zip) **TP for TR 36.717-04-01: CA\_7-8-20-28**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101478**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101478.zip) **TP for TR 36.717-04-01: CA\_7-8-20-32**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101479**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101479.zip) **TP for TR 36.717-04-01: CA\_7-8-28-32**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101480**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101480.zip) **TP for TR 36.717-04-01: CA\_7-20-28-32**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101481**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101481.zip) **TP for TR 36.717-04-01: CA\_8-20-28-32**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101517**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101517.zip) **DraftCR for 36.101 to add CA\_2A-5A-7A-7A-66A and CA\_2A-7A-7A-13A-66A**

*Type: draftCR For: Endorsement  
 36.101 v17.0.0  
 Source: Huawei, HiSilicon, Bell Mobility, Telus*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101908**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101908.zip) **draft CR to include 2A-7A-12A-66A-66A, 2A-2A-5A-7A-66A**

*Type: draftCR For: Endorsement  
 36.101 v17.0.0  
 Source: Ericsson, Rogers*

**Abstract:**

draft CR to include 2A-7A-12A-66A-66A, 2A-2A-5A-7A-66A

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102624**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102624.zip) **TP to TR 36.717-04-01 Correction of CA\_2-5-7-66-66**

*Type: pCR For: Approval  
 36.717-04-01 v0.2.0  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 13.3.3 UE RF with 5 LTE bands CA [LTE\_CA\_R17\_xBDL\_1BUL-Core]

[**R4-2101488**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101488.zip) **TP for TR 36.717-04-01: CA\_1-3-7-8-28**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101489**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101489.zip) **TP for TR 36.717-04-01: CA\_1-3-8-20-28**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101490**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101490.zip) **TP for TR 36.717-04-01: CA\_1-7-8-20-28**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101491**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101491.zip) **TP for TR 36.717-04-01: CA\_1-7-8-20-32**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101492**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101492.zip) **TP for TR 36.717-04-01: CA\_1-7-8-28-32**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101493**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101493.zip) **TP for TR 36.717-04-01: CA\_1-7-20-28-32**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101524**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101524.zip) **TP for TR 36.717-04-01: CA\_7-8-20-28-32**

*Type: pCR For: Approval  
 36.717-04-01 v0.1.0  
 Source: VODAFONE Group Plc*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101582**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101582.zip) **TP for TR 36.717-04-01: CA\_1A-3A-8A-20A-38A**

*Type: pCR For: Approval  
 36.717-04-01 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101583**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101583.zip) **TP for TR 36.717-04-01: CA\_1A-3A-7A-8A-38A**

*Type: pCR For: Approval  
 36.717-04-01 v0.2.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 13.4 LTE inter-band Carrier Aggregation for 2 bands DL with 2 band UL [LTE\_CA\_R17\_2BDL\_2BUL]

#### 13.4.1 Rapporteur Input (WID/TR/CR) [LTE\_CA\_R17\_2BDL\_2BUL-Core]

[**R4-2102404**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102404.zip) **Introduction of completed R17 2DL2UL band combinations to TS 36.101**

*Type: draftCR For: Endorsement  
 36.101 v17.0.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102405**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102405.zip) **Revised WID for LTE inter-band CA for 2 bands DL with 2 bands UL**

*Type: WID revised For: Endorsement  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 13.4.2 UE RF with harmonic, close proximity and isolation issues [LTE\_CA\_R17\_2BDL\_2BUL-Core]

#### 13.4.3 UE RF without specific issues [LTE\_CA\_R17\_2BDL\_2BUL-Core]

### 13.5 LTE inter-band Carrier Aggregation for x bands DL (x= 3, 4, 5) with 2 band UL [LTE\_CA\_R17\_xBDL\_2BUL]

#### 13.5.1 Rapporteur Input (WID/TR/CR) [LTE\_CA\_R17\_xBDL\_2BUL-Core]

[**R4-2100265**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100265.zip) **TR 36.717-03-02 v0.2.0 TR Update for LTE-A inter-band CA for x bands (x=3,4,5) DL with 2 bands UL in Rel-17**

*Type: draft TR For: Agreement  
 36.717-03-02 v0.2.0  
 Source: LG Electronics France*

**Abstract:**

Update TR to capture approved TPs in RAN4 #98-e meeting

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100267**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100267.zip) **Revised WID on LTE-A inter-band CA for x bands (x=3,4,5) DL with 2 bands UL in Rel-17**

*Type: WID revised For: Endorsement  
 Source: LG Electronics France*

**Abstract:**

Revised WID to capture new CA band combos and update status for each CA band

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100270**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100270.zip) **Introduction of LTE-A inter-band CA for x bands (x=3,4,5) DL with 2 bands UL to TS36.101**

*Type: CR For: Agreement  
 36.101 v17.0.0 CR-5715 Cat: B (Rel-17)  
  
 Source: LG Electronics France*

**Abstract:**

Big CR tO add new CA band combos for x bands (x=3,4,5) DL with 2 bands UL in Rel-17

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 13.5.2 UE RF with MSD [LTE\_CA\_R17\_xBDL\_2BUL-Core]

[**R4-2101576**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101576.zip) **Draft CR to 36.101 to add UL configuration CA\_3A-8A for CA\_3C-7A-8A**

*Type: draftCR For: Endorsement  
 36.101 v17.0.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 13.5.3 UE RF without MSD [LTE\_CA\_R17\_xBDL\_2BUL-Core]

[**R4-2101577**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101577.zip) **Draft CR to 36.101 to add UL configuration CA\_1A-3A for CA\_1A-3C-38A**

*Type: draftCR For: Endorsement  
 36.101 v17.0.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101578**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101578.zip) **Draft CR to 36.101 to add UL configuration CA\_3A-8A for CA\_3C-8A-38A**

*Type: draftCR For: Endorsement  
 36.101 v17.0.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101579**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101579.zip) **TP for TR 36.717-03-02: to add UL configuration CA\_1A-8A for CA\_1A-8A-38A**

*Type: pCR For: Approval  
 36.717-03-02 v0.1.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101580**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101580.zip) **Draft CR to 36.101 to add UL configuration CA\_1A-3A for CA\_1A-3C-7A-8A**

*Type: draftCR For: Endorsement  
 36.101 v17.0.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101581**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101581.zip) **Draft CR to 36.101 to add UL configuration CA\_1A-3A for CA\_1A-3C-8A-38A**

*Type: draftCR For: Endorsement  
 36.101 v17.0.0  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 13.6 RRM for LTE CA basket WIs [LTE\_CA\_R17\_xxxx]

#### 13.6.1 RRM Core (36.133) [LTE\_CA\_R17\_xxxx-Core]

#### 13.6.2 RRM Perf (36.133) [LTE\_CA\_R17\_xxxx-Perf]

### 13.7 New WID on Additional LTE bands for UE category M1&M2 and/or NB1&NB2 in Rel-17 [LTE\_bands\_R17\_M1\_M2\_NB1\_NB2]

**R4-2102999 Email discussion summary for [98e][151] LTE\_bands\_R17\_M1\_M2\_NB1\_NB2**

*Type: other For: Information  
 Source: Moderator (Ericsson)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 13.7.1 Rapporteur Input (WID/TR/CR) [LTE\_bands\_R17\_M1\_M2\_NB1\_NB2-Core]

[**R4-2100604**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100604.zip) **CR of adding LTE B24 for UE category NB1 in R17**

*Type: CR For: Agreement  
 36.307 v13.12.0 CR-4443 Cat: B (Rel-13)  
  
 Source: Ericsson, Ligado Networks*

**Abstract:**

CR of adding LTE B24 for UE category NB1 in R17

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100605**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100605.zip) **CR of adding LTE B24 for UE category NB1 in R17**

*Type: CR For: Agreement  
 36.307 v14.9.0 CR-4444 Cat: A (Rel-14)  
  
 Source: Ericsson, Ligado Networks*

**Abstract:**

CR of adding LTE B24 for UE category NB1 in R17

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100606**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100606.zip) **CR of adding LTE B24 for UE category NB1 in R17**

*Type: CR For: Agreement  
 36.307 v15.6.0 CR-4445 Cat: A (Rel-15)  
  
 Source: Ericsson, Ligado Networks*

**Abstract:**

CR of adding LTE B24 for UE category NB1 in R17

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100607**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100607.zip) **CR of adding LTE B24 for UE category NB1 in R17**

*Type: CR For: Agreement  
 36.307 v16.2.0 CR-4446 Cat: A (Rel-16)  
  
 Source: Ericsson, Ligado Networks*

**Abstract:**

CR of adding LTE B24 for UE category NB1 in R17

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100608**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100608.zip) **CR of adding LTE B24 for UE category NB1/NB2 in R17**

*Type: CR For: Agreement  
 36.101 v17.0.0 CR-5716 Cat: B (Rel-17)  
  
 Source: Ericsson, Ligado Networks*

**Abstract:**

CR of adding LTE B24 for UE category NB1/NB2 in R17

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100609**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100609.zip) **CR of adding LTE B24 for UE category NB1/NB2 in R17**

*Type: CR For: Agreement  
 36.104 v17.0.0 CR-4921 Cat: B (Rel-17)  
  
 Source: Ericsson, Ligado Networks*

**Abstract:**

CR of adding LTE B24 for UE category NB1/NB2 in R17

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100610**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100610.zip) **CR of adding LTE B24 for UE category NB1/NB2 in R17**

*Type: CR For: Agreement  
 36.133 v17.0.0 CR-7016 Cat: B (Rel-17)  
  
 Source: Ericsson, Ligado Networks*

**Abstract:**

CR of adding LTE B24 for UE category NB1/NB2 in R17

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100612**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100612.zip) **CR of adding LTE B24 for UE category NB1/NB2 in R17**

*Type: CR For: Agreement  
 37.104 v17.0.0 CR-0921 Cat: B (Rel-17)  
  
 Source: Ericsson, Ligado Networks*

**Abstract:**

CR of adding LTE B24 for UE category NB1/NB2 in R17

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100614**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100614.zip) **CR of adding LTE B24 for UE category NB1/NB2 in R17**

*Type: CR For: Agreement  
 36.307 v14.9.0 CR-4447 Cat: B (Rel-14)  
  
 Source: Ericsson, Ligado Networks*

**Abstract:**

CR of adding LTE B24 for UE category NB2 in R17

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100615**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100615.zip) **CR of adding LTE B24 for UE category NB2 in R17**

*Type: CR For: Agreement  
 36.307 v15.6.0 CR-4448 Cat: A (Rel-15)  
  
 Source: Ericsson, Ligado Networks*

**Abstract:**

CR of adding LTE B24 for UE category NB2 in R17

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100616**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100616.zip) **CR of adding LTE B24 for UE category NB2 in R17**

*Type: CR For: Agreement  
 36.307 v16.2.0 CR-4449 Cat: A (Rel-16)  
  
 Source: Ericsson, Ligado Networks*

**Abstract:**

CR of adding LTE B24 for UE category NB2 in R17

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 13.7.2 RF [LTE\_bands\_R17\_M1\_M2\_NB1\_NB2-Core]

#### 13.7.3 Others [LTE\_bands\_R17\_M1\_M2\_NB1\_NB2-Perf]

[**R4-2100611**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100611.zip) **CR of adding LTE B24 for UE category NB1/NB2 in R17**

*Type: CR For: Agreement  
 36.141 v17.0.0 CR-1289 Cat: B (Rel-17)  
  
 Source: Ericsson, Ligado Networks*

**Abstract:**

CR of adding LTE B24 for UE category NB1/NB2 in R17

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100613**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100613.zip) **CR of adding LTE B24 for UE category NB1/NB2 in R17**

*Type: CR For: Agreement  
 37.141 v17.0.0 CR-0960 Cat: B (Rel-17)  
  
 Source: Ericsson, Ligado Networks*

**Abstract:**

CR of adding LTE B24 for UE category NB1/NB2 in R17

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 13.8 Modification of LTE Band 24 specifications to comply with updated regulatory emission limits [LTE\_B24\_mod]

#### 13.8.1 General and rapporteur input [LTE\_B24\_mod-Core]

#### 13.8.2 UE RF [LTE\_B24\_mod-Core]

[**R4-2100254**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100254.zip) **CR for 36.101: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 36.101 v10.28.0 CR-5714 Cat: F (Rel-10)  
  
 Source: Ligado Networks, Nokia, Skyworks Solutions Inc.*

**Abstract:**

Changes to TS 36.101 related to recent Band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102909**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102909.zip) **CR for 36.101: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 36.101 v11.25.0 CR-5728 Cat: A (Rel-11)  
  
 Source: Ligado Networks*

**Abstract:**

Changes to 36.101 related to Band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102910**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102910.zip) **CR for 36.101: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 36.101 v12.25.0 CR-5729 Cat: A (Rel-12)  
  
 Source: Ligado Networks*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102911**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102911.zip) **CR for 36.101: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 36.101 v17.0.0 CR-5730 Cat: A (Rel-17)  
  
 Source: Ligado Networks*

**Discussion:**

[report of discussion]

**Decision:** The document was **withdrawn**.

[**R4-2102913**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102913.zip) **CR for 36.101: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 36.101 v14.17.0 CR-5731 Cat: A (Rel-14)  
  
 Source: Ligado Networks*

**Abstract:**

Changes to 36.101 related to Band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102914**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102914.zip) **CR for 36.101: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 36.101 v15.13.0 CR-5732 Cat: A (Rel-15)  
  
 Source: Ligado Networks*

**Abstract:**

Changes to 31.101 related to Band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102915**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102915.zip) **CR for 36.101: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 36.101 v16.8.0 CR-5733 Cat: A (Rel-16)  
  
 Source: Ligado Networks*

**Abstract:**

Changes to 31.101 related to Band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102916**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102916.zip) **CR for 36.101: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 36.101 v17.0.0 CR-5734 Cat: A (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Changes to 31.101 related to Band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102918**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102918.zip) **CR for 36.101: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 36.101 v13.19.1 CR-5735 Cat: A (Rel-13)  
  
 Source: Ligado Networks*

**Abstract:**

Changes to 31.101 related to Band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 13.8.3 BS RF [LTE\_B24\_mod-Core]

[**R4-2100255**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100255.zip) **CR for 37.105: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 37.105 v15.11.0 CR-0215 Cat: F (Rel-15)  
  
 Source: Ligado Networks*

**Abstract:**

Changes to TS 37.105 related to Band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100532**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100532.zip) **CR for 37.105: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 37.105 v16.6.0 CR-0217 Cat: A (Rel-16)  
  
 Source: Ligado Networks*

**Abstract:**

Corrections to TS 37.105 related to Band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100533**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100533.zip) **CR for 37.105: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 37.105 v17.0.0 CR-0218 Cat: A (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Changes to TS 37.105 related to Band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102452**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102452.zip) **CR to 36.104: Correction to Band 24 requirements (Rel-10)**

*Type: CR For: Agreement  
 36.104 v10.13.0 CR-4928 Cat: F (Rel-10)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102453**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102453.zip) **CR to 36.104: Correction to Band 24 requirements (Rel-11)**

*Type: CR For: Agreement  
 36.104 v11.17.0 CR-4929 Cat: A (Rel-11)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102454**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102454.zip) **CR to 36.104: Correction to Band 24 requirements (Rel-12)**

*Type: CR For: Agreement  
 36.104 v12.13.0 CR-4930 Cat: A (Rel-12)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102455**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102455.zip) **CR to 36.104: Correction to Band 24 requirements (Rel-13)**

*Type: CR For: Agreement  
 36.104 v13.13.0 CR-4931 Cat: A (Rel-13)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102456**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102456.zip) **CR to 36.104: Correction to Band 24 requirements (Rel-14)**

*Type: CR For: Agreement  
 36.104 v14.9.0 CR-4932 Cat: A (Rel-14)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102457**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102457.zip) **CR to 36.104: Correction to Band 24 requirements (Rel-15)**

*Type: CR For: Agreement  
 36.104 v15.10.0 CR-4933 Cat: A (Rel-15)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102458**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102458.zip) **CR to 36.104: Correction to Band 24 requirements (Rel-16)**

*Type: CR For: Agreement  
 36.104 v16.8.0 CR-4934 Cat: A (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102459**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102459.zip) **CR to 36.104: Correction to Band 24 requirements (Rel-17)**

*Type: CR For: Agreement  
 36.104 v17.0.0 CR-4935 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102468**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102468.zip) **CR to 37.104: Correction to Band 24 requirements (Rel-10)**

*Type: CR For: Agreement  
 37.104 v10.14.0 CR-0925 Cat: F (Rel-10)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102469**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102469.zip) **CR to 37.104: Correction to Band 24 requirements (Rel-11)**

*Type: CR For: Agreement  
 37.104 v11.14.0 CR-0926 Cat: A (Rel-11)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102470**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102470.zip) **CR to 37.104: Correction to Band 24 requirements (Rel-12)**

*Type: CR For: Agreement  
 37.104 v12.13.0 CR-0927 Cat: A (Rel-12)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102471**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102471.zip) **CR to 37.104: Correction to Band 24 requirements (Rel-13)**

*Type: CR For: Agreement  
 37.104 v13.8.0 CR-0928 Cat: A (Rel-13)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102472**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102472.zip) **CR to 37.104: Correction to Band 24 requirements (Rel-14)**

*Type: CR For: Agreement  
 37.104 v14.6.0 CR-0929 Cat: A (Rel-14)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102473**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102473.zip) **CR to 37.104: Correction to Band 24 requirements (Rel-15)**

*Type: CR For: Agreement  
 37.104 v15.12.0 CR-0930 Cat: A (Rel-15)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102474**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102474.zip) **CR to 37.104: Correction to Band 24 requirements (Rel-16)**

*Type: CR For: Agreement  
 37.104 v16.8.0 CR-0931 Cat: A (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102475**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102475.zip) **CR to 37.104: Correction to Band 24 requirements (Rel-17)**

*Type: CR For: Agreement  
 37.104 v17.0.0 CR-0932 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 13.8.4 RRM and others [LTE\_B24\_mod-Core/Perf]

[**R4-2100256**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100256.zip) **CR for 37.145-1: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 37.145-1 v13.11.0 CR-0235 Cat: F (Rel-13)  
  
 Source: Ligado Networks*

**Abstract:**

Changes to TS 37.145-1 related to Band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100257**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100257.zip) **CR for 37.145-2: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 37.145-2 v15.9.0 CR-0269 Cat: F (Rel-15)  
  
 Source: Ligado Networks*

**Abstract:**

Changes to 37.145-2 related to Band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100534**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100534.zip) **CR for 37.145-1: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 37.145-1 v13.11.0 CR-0237 Cat: A (Rel-13)  
  
 Source: Ligado Networks*

**Abstract:**

Changes to 37.145-1 related to regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **withdrawn**.

[**R4-2100535**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100535.zip) **CR for 37.145-1: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 37.145-1 v14.9.0 CR-0238 Cat: A (Rel-14)  
  
 Source: Ligado Networks*

**Abstract:**

Changes to 37.145-1 related to Band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100536**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100536.zip) **CR for 37.145-1: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 37.145-1 v15.8.0 CR-0239 Cat: A (Rel-15)  
  
 Source: Ligado Networks*

**Abstract:**

Changes to 37.145-1 related to Band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100537**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100537.zip) **CR for 37.145-1: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 37.145-1 v16.5.0 CR-0240 Cat: A (Rel-16)  
  
 Source: Ligado Networks*

**Abstract:**

Changes to 37.145-1 related to Band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100538**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100538.zip) **CR for 37.145-1: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 37.145-1 v17.0.0 CR-0241 Cat: A (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Changes to 37.145-1 related to Band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100539**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100539.zip) **CR for 37.145-2: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 37.145-2 v16.6.0 CR-0274 Cat: A (Rel-16)  
  
 Source: Ligado Networks*

**Abstract:**

Changes to 37.145-2 related to Band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100540**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100540.zip) **CR for 37.145-2: Corrections related to Band 24 regulatory updates**

*Type: CR For: Agreement  
 37.145-2 v17.0.0 CR-0275 Cat: A (Rel-17)  
  
 Source: Ligado Networks*

**Abstract:**

Changes to 37.145-2 related to band 24 regulatory updates

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102460**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102460.zip) **CR to 36.141: Correction to Band 24 requirements (Rel-10)**

*Type: CR For: Agreement  
 36.141 v10.14.0 CR-1296 Cat: F (Rel-10)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102461**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102461.zip) **CR to 36.141: Correction to Band 24 requirements (Rel-11)**

*Type: CR For: Agreement  
 36.141 v11.17.0 CR-1297 Cat: A (Rel-11)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102462**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102462.zip) **CR to 36.141: Correction to Band 24 requirements (Rel-12)**

*Type: CR For: Agreement  
 36.141 v12.14.0 CR-1298 Cat: A (Rel-12)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102463**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102463.zip) **CR to 36.141: Correction to Band 24 requirements (Rel-13)**

*Type: CR For: Agreement  
 36.141 v13.15.0 CR-1299 Cat: A (Rel-13)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102464**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102464.zip) **CR to 36.141: Correction to Band 24 requirements (Rel-14)**

*Type: CR For: Agreement  
 36.141 v14.12.0 CR-1300 Cat: A (Rel-14)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102465**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102465.zip) **CR to 36.141: Correction to Band 24 requirements (Rel-15)**

*Type: CR For: Agreement  
 36.141 v15.11.0 CR-1301 Cat: A (Rel-15)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102466**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102466.zip) **CR to 36.141: Correction to Band 24 requirements (Rel-16)**

*Type: CR For: Agreement  
 36.141 v16.8.0 CR-1302 Cat: A (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102467**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102467.zip) **CR to 36.141: Correction to Band 24 requirements (Rel-17)**

*Type: CR For: Agreement  
 36.141 v17.0.0 CR-1303 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102476**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102476.zip) **CR to 37.141: Correction to Band 24 requirements (Rel-10)**

*Type: CR For: Agreement  
 37.141 v10.14.0 CR-0965 Cat: F (Rel-10)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102477**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102477.zip) **CR to 37.141: Correction to Band 24 requirements (Rel-11)**

*Type: CR For: Agreement  
 37.141 v11.15.0 CR-0966 Cat: A (Rel-11)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102478**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102478.zip) **CR to 37.141: Correction to Band 24 requirements (Rel-12)**

*Type: CR For: Agreement  
 37.141 v12.13.0 CR-0967 Cat: A (Rel-12)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102479**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102479.zip) **CR to 37.141: Correction to Band 24 requirements (Rel-13)**

*Type: CR For: Agreement  
 37.141 v13.14.0 CR-0968 Cat: A (Rel-13)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102480**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102480.zip) **CR to 37.141: Correction to Band 24 requirements (Rel-14)**

*Type: CR For: Agreement  
 37.141 v14.12.0 CR-0969 Cat: A (Rel-14)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102481**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102481.zip) **CR to 37.141: Correction to Band 24 requirements (Rel-15)**

*Type: CR For: Agreement  
 37.141 v15.13.0 CR-0970 Cat: A (Rel-15)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102482**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102482.zip) **CR to 37.141: Correction to Band 24 requirements (Rel-16)**

*Type: CR For: Agreement  
 37.141 v16.8.0 CR-0971 Cat: A (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102483**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102483.zip) **CR to 37.141: Correction to Band 24 requirements (Rel-17)**

*Type: CR For: Agreement  
 37.141 v17.0.0 CR-0972 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

## 14 Rel-17 Study Items for LTE

### 14.1 High-power UE operation for fixed-wireless/vehicle-mounted use cases in LTE bands 5 and 12 and NR band n71 [FS\_LTE\_NR\_HPUE\_FWVM]

**R4-2103000 Email discussion summary for [98e][152] FS\_LTE\_NR\_HPUE\_FWVM**

*Type: other For: Information  
 Source: Moderator (Nokia)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

#### 14.1.1 General

[**R4-2101798**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101798.zip) **Revised Work Plan for Study on High-power UE operation for fixed-wireless/vehicle-mounted use cases in Band 12, Band 5, and Band n71**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell, T-Mobile USA, U.S. Cellular*

**Abstract:**

This contribution provides a revised work plan according to the current progress. In view of the cancelled physical meetings and the current progress of this study item, it is proposed to request at RAN#91 to extend the study item for one quarter to compl

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101799**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101799.zip) **TR 37.880 V0.2.0: High-power UE operation for fixed-wireless/vehicle-mounted use cases in Band 12, Band 5, and Band n71**

*Type: draft TR For: Agreement  
 37.880 v0.2.0  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Updated TR for Study on High-power UE operation for fixed-wireless/vehicle-mounted use cases in Band 12, Band 5, and Band n71.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 14.1.2 Coexistence study

[**R4-2101800**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101800.zip) **TP to TR 37.880: Coexistence Simulation Results for High-power UE Vs NB-IoT guard band operation for fixed-wireless/vehicle-mounted use cases in Band 12, Band 5, and Band n71**

*Type: pCR For: Approval  
 37.880 v0.1.0  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

This contribution provides the coexistence simulation results for this scenario according to the agreed assumptions and a text proposal for approval to record the simulation results and observations into TR 37.880.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

#### 14.1.3 UE RF

[**R4-2100131**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100131.zip) **HPUE for bands 5, 12 and n71 UE RF aspects.**

*Type: pCR For: Approval  
 37.880 v0.0.1  
 Source: Nokia*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

## 15 Liaison and output to other groups

### 15.1 R17 related

**R4-2103003 Email discussion summary for [98e][155] NR\_reply\_LS\_Part\_2**

*Type: other For: Information  
 Source: Moderator (China Telecom)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100159**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100159.zip) **Discussion on phase continuity for PUSCH and PUCCH repetitions for LS reply**

*Type: other For: Approval  
 Source: InterDigital Communications*

**Abstract:**

Discussion on phase continuity for PUSCH and PUCCH repetitions for LS reply. We propose answers for each question of the LS received from RAN1.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100889**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100889.zip) **Discussion on LS on PUCCH and PUSCH repetition**

*Type: other For: Approval  
 Source: Qualcomm Incorporated*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102347**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102347.zip) **Reply LS on PUCCH and PUSCH repetition**

*Type: other For: Approval  
 Source: Ericsson*

**Abstract:**

RAN1 LS (R1-2009784) is discussed and LS reply is proposed

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102630**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102630.zip) **on phase continuity for PUCCH and PUSCH repetition and reply LS**

*Type: other For: Approval  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100547**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100547.zip) **Discussion on LS on questions to RAN WGs on dual Radio UE (2Rx/2Tx or 2Rx/1Tx) support for simultaneous communication with both SNPN and PLMN**

*Type: other For: Approval  
 Source: Sony*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

**R4-2103004 Email discussion summary for [98e][156] NR\_reply\_LS\_Part\_3**

*Type: other For: Information  
 Source: Moderator (Samsung)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2101017**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101017.zip) **Discussion and Draft Reply LS to RAN1 on beam switching gap**

*Type: discussion For: Discussion  
 Source: Apple*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101157**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101157.zip) **Discussion reply LS on Beam switching gaps for Multi-TRP UL transmission**

*Type: discussion For: Discussion  
 Source: MediaTek inc.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102389**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102389.zip) **Discussion on reply LS on Beam switching gaps for Multi-TRP UL transmission**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102390**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102390.zip) **draft reply LS on Beam switching gaps for Multi-TRP UL transmission**

*Type: LS out For: Approval  
 to RAN1  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102710**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102710.zip) **Discussion and Reply LS on Beam switching gaps for Multi-TRP UL transmission**

*Type: discussion For: Discussion  
 Source: vivo*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 15.2 Others

## 16 Revision of the Work Plan

### 16.1 Simplification of band combinations in RAN4 specifications

**R4-2103001 Email discussion summary for [98e][153] BC\_simplification**

*Type: other For: Information  
 Source: Moderator (NTT DOCOMO)*

**Abstract:**

**Discussion:**

**Decision: Return to.**

[**R4-2100089**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100089.zip) **Handling of agreements about band combinations**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Continuation of discussion on RP-202863

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100120**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100120.zip) **On optimization for band combination in RAN4 specifications**

*Type: discussion For: Approval  
 Source: ZTE Corporation*

**Abstract:**

This paper if for further discussion on optimization for band combination in RAN4 specifications

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100121**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100121.zip) **CR to TS 38.101-1 on optimization on delta TIB and RIB for band combinations (Rel-16)**

*Type: CR For: Agreement  
 38.101-1 v16.6.0 CR-0590 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is for optimization on delta TIB and RIB for band combinations in 38.101-1

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100122**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100122.zip) **CR to TS 38.101-1 on optimization on delta TIB and RIB for band combinations (Rel-17)**

*Type: CR For: Agreement  
 38.101-1 v17.0.0 CR-0591 Cat: A (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is for optimization on delta TIB and RIB for band combinations in 38.101-1

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100123**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100123.zip) **CR to TS 38.101-2 on optimization on delta RIB for inter-band CA (Rel-16)**

*Type: CR For: Agreement  
 38.101-2 v16.6.0 CR-0316 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is for optimization on delta RIB for inter-band CA in 38.101-2

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100124**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100124.zip) **CR to TS 38.101-2 on optimization on delta RIB for inter-band CA (Rel-17)**

*Type: CR For: Agreement  
 38.101-2 v17.0.0 CR-0317 Cat: A (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is for optimization on delta RIB for inter-band CA in 38.101-2

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100125**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100125.zip) **CR to TS 38.101-3 on optimization on delta TIB and RIB for inter-band EN-DC (Rel-16)**

*Type: CR For: Agreement  
 38.101-3 v16.6.0 CR-0433 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is for optimization on delta TIB and RIB for inter-band EN-DC in 38.101-3

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100126**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100126.zip) **CR to TS 38.101-3 on optimization on delta TIB and RIB for inter-band EN-DC (Rel-17)**

*Type: CR For: Agreement  
 38.101-3 v17.0.0 CR-0434 Cat: A (Rel-17)  
  
 Source: ZTE Corporation*

**Abstract:**

This CR is for optimization on delta TIB and RIB for inter-band EN-DC in 38.101-3

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101818**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101818.zip) **Draft LS on change of methodology for new LTE-CA REL-17 combinations**

*Type: LS out For: Approval  
 to RAN5  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 16.2 R17 new proposals

#### 16.2.1 Spectrum related

[**R4-2100101**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100101.zip) **Motivation for new WI on air-to-ground network for NR**

*Type: WID new For: Information  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100102**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100102.zip) **New WID on air-to-ground network for NR**

*Type: WID new For: Information  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100887**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100887.zip) **New WID on Introduction of FR2 FWA UE with maximum TRP of 23dBm for band n259**

*Type: discussion For: Information  
 Source: SoftBank Corp., Rakuten Mobile*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100888**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100888.zip) **Motivation on new WID on Introduction of FR2 FWA UE with maximum TRP of 23dBm for band n259**

*Type: discussion For: Information  
 Source: SoftBank Corp., Rakuten Mobile*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100940**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100940.zip) **Motivation on new WI of intra-band non-contiguous NR-DC using band n77**

*Type: discussion For: Information  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101819**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101819.zip) **New WID on Support of full bandwidth combinations for inter-band EN-DC combinations**

*Type: WID new For: Information  
 Source: Huawei, HiSilicon*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

**R4-2102940 Motivation paper for Rail Mobile Radio (RMR)**

*Type: discussion For: Information  
 Source: UIC*

**Abstract:**

**Discussion:**

**Decision:** The document was **not treated**.

**R4-2102941 WID for 900MHz spectrum block**

*Type: WID new For: Information  
 Source: UIC*

**Abstract:**

**Discussion:**

**Decision:** The document was **not treated**.

**R4-2102942 WID for 1900MHz spectrum block**

*Type: WID new For: Information  
 Source: UIC*

**Abstract:**

**Discussion:**

**Decision:** The document was **not treated**.

#### 16.2.2 Non-spectrum related

[**R4-2100103**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100103.zip) **Motivation for new WI on PC1.5 for NR band n79**

*Type: WID new For: Information  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100104**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100104.zip) **WID on High power UE (power class 1.5) for NR band n79**

*Type: WID new For: Information  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100105**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100105.zip) **Motivation for new WI on PC2 for NR band n34**

*Type: WID new For: Information  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100106**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100106.zip) **WID on High power UE (power class 2) for NR band n34**

*Type: WID new For: Information  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100107**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100107.zip) **Motivation for new WI on PC2 for NR band n39**

*Type: WID new For: Information  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100108**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100108.zip) **WID on High power UE (power class 2) for NR band n39**

*Type: WID new For: Information  
 Source: CMCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100195**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100195.zip) **Proposal to extend R17 FeRRM WI scope**

*Type: discussion For: Information  
 38.133 v..  
 Source: Apple*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100362**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100362.zip) **Discussion on EMC Test Simplification for Rel-17 EMC enhancement**

*Type: discussion For: Discussion  
 Source: Ericsson*

**Abstract:**

Discussion paper on EMC test simplification for Rel 17 EMC enhancement

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100363**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100363.zip) **New WID proposal on RAN4 Rel-17 EMC enhancement**

*Type: WID new For: Information  
 Source: Ericsson, Xiaomi*

**Abstract:**

Proposal on a WID for Rel-17 EMC enhancement

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100941**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100941.zip) **Motivation for supporting non-colocated scenarios for band 42 and n77/n78**

*Type: discussion For: Information  
 Source: SoftBank Corp.*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101115**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101115.zip) **Discussion on NR demodulation performance in the scenario of LTE-NR coexist**

*Type: discussion For: Discussion  
 Source: ZTE Corporation*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2101728**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2101728.zip) **Revised WID for NR RF Enhancement for FR2**

*Type: WID revised For: Information  
 Source: Ericsson, Sony*

**Abstract:**

Revised WID to include further work on beam correspondence

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102583**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102583.zip) **Motivation for WI: Introduction of UE TRP (Total Radiated Power) and TRS (Total Radiated Sensitivity) requirements and test methodologies for FR1 (NR SA and EN-DC)**

*Type: discussion For: Information  
 Source: vivo*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2102584**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102584.zip) **New WID: Introduction of UE TRP (Total Radiated Power) and TRS (Total Radiated Sensitivity) requirements and test methodologies for FR1 (NR SA and EN-DC)**

*Type: WID new For: Information  
 Source: vivo, OPPO, CMCC, CAICT, Rohde&Schwarz*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

### 16.3 Others

## 17 Any other business

[**R4-2102236**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2102236.zip) **Inclusive language review in TS 36.133**

*Type: CR For: Agreement  
 36.133 v17.0.0 CR-7035 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Abstract:**

Inclusive language review of TS 36.133 according to decision in RP-202179.

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

## 18 Close of the E-meeting

[**R4-2100029**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100029.zip) **Incoming LSs**

*Type: other For: Information  
 Source: ETSI MCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100030**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100030.zip) **Incoming LSs**

*Type: other For: Information  
 Source: ETSI MCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100031**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100031.zip) **Incoming LSs**

*Type: other For: Information  
 Source: ETSI MCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100032**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100032.zip) **Incoming LSs**

*Type: other For: Information  
 Source: ETSI MCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100033**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100033.zip) **Incoming LSs**

*Type: other For: Information  
 Source: ETSI MCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100034**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100034.zip) **Incoming LSs**

*Type: other For: Information  
 Source: ETSI MCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100035**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100035.zip) **Incoming LSs**

*Type: other For: Information  
 Source: ETSI MCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100036**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100036.zip) **Incoming LSs**

*Type: other For: Information  
 Source: ETSI MCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100037**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100037.zip) **Incoming LSs**

*Type: other For: Information  
 Source: ETSI MCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100038**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100038.zip) **Incoming LSs**

*Type: other For: Information  
 Source: ETSI MCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100039**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100039.zip) **Incoming LSs**

*Type: other For: Information  
 Source: ETSI MCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

[**R4-2100040**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_98_e/Docs/R4-2100040.zip) **Incoming LSs**

*Type: other For: Information  
 Source: ETSI MCC*

**Discussion:**

[report of discussion]

**Decision:** The document was **not treated**.

Report prepared by: Kai-Erik Sunell

## BACKUP

**R4-21AAAAA Way forward on XXXX**

*Type: other For: Approval  
 Source:*

**Abstract:**

**Discussion:**

**Decision: Return to.**