# Introduction

Chairman has announced post meeting discussion until May 29th, 10:00 UTC.

Target of the discussion is to conclude on CR to TS 38.101-5 and TS 36.102 to introduce bands n252 and 252. Work items for these bands are scheduled to conclude in June.

For NR NTN, Chairman has announced that in case no concensus is reached on R4-2508120, then R4-2508055 will be agreed as is. Note that for procedural reasons R4-2508120 will still be revised at least to update CR number.

For IoT NTN, Chairman has announced that in case no concensus is reached on R4-2508121, then R4-2508065 will be agreed as is. Note that for procedural reasons R4-2508121 will still be revised at least to update CR number.

# Topic #1: n252 and B252 emission requirements

## Documents under discussion for NR NTN

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| **T-doc number** | **Company** | **Moderator’s summary** |
| [**R4-2508055**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_115/Docs/R4-2508055.zip) | Apple, Aalyria Technologies, Boost Mobile Network, Echostar, Qualcomm Inc. | In this CR UE-to-UE co-existence limits for emissions from n252 to band 2/25 DL frequencies apply only when NS is signalled. Depending on the NS, protection level of -40 dBm/MHz or -30 dBm/MHz applies for frequency range 1930 – 1995 MHz. If NS is not signalled, general SEM and spurious emissions limits apply for band 2/25 DL frequencies. |
| [**R4-2508120**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_115/Docs/R4-2508120.zip) | Apple, Aalyria Technologies, Boost Mobile Network, Echostar, Qualcomm Inc., T-Mobile | This CR includes an addition to the CR above. Bands 25/2 are included to general UE-to-UE co-existence table with -50 dBm/MHz protection level. Compared to CR above, this CR also updates the emission limit under NS to apply within out-of-band region instead of full band 2/25 DL frequency range.  MCC has informed that this document will be revised at least to update CR number. |

## Documents under discussion IoT NTN

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| --- | --- | --- |
| **T-doc number** | **Company** | **Moderator’s summary, identical to NR NTN** |
| [**R4-2508065**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_115/Docs/R4-2508065.zip) | MediaTek Inc, Boost Mobile Network, EchoStar | In this CR UE-to-UE co-existence limits for emissions from 252 to band 2/25 DL frequencies apply only when NS is signalled. Depending on the NS, protection level of -40 dBm/MHz or -30 dBm/MHz applies for frequency range 1930 – 1995 MHz. If NS is not signalled, general SEM and spurious emissions limits apply for band 2/25 DL frequencies. |
| [**R4-2508121**](https://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_115/Docs/R4-2508121.zip) | MediaTek Inc, Boost Mobile Network, EchoStar, T-Mobile | This CR includes an addition to the CR above. Bands 25/2 are included also to general UE-to-UE co-existence table with -50 dBm/MHz protection level. Compared to CR above, this CR also updates the emission limit under NS to apply within out-of-band region instead of full band 2/25 DL frequency range.  MCC has informed that this document will be revised at least to update CR number. |

## Issue summary

CRs in R4-2508055 and R4-2508065 include additional emission requirements based on WF agreement in RAN4#114 (R4-2502850), establishing two NS values, one for -40 dBm/MHz and another for -30 dBm/MHz protection limit, covering the frequency range 1930 – 1995 MHz. UE RF requirements, mainly A-MPR, have been derived based on this agreement and captured in R4-2508055 and R4-2508065.

CRs in R4-2508120 and R4-2508121 include an update to the emission requirements. During the face-to-face meeting Chairman has extended the discussion on this update. Chairman has announced that CRs in R4-2508055/8065 will be agreed in case no concensus is reached on R4-2508120/8121.

Therefore, discussion is needed especially on whether the update in R4-2508120 and R4-2508121 can be agreed and whether there are concerns that would need to be resolved (Q2 and Q3 below). Discussion is set also to provide comments on what are the concerns on R4-2508055 and R4-2508065 (Q1 below).

**Question 1:** What are the concerns on R4-2508055 and R4-2508065?

**Question 2:** What are the concerns on R4-2508120 and R4-2508121?

**Question 3:** For bands n252 and 252, can band 2 and band 25 be included to general UE-to-UE co-existence table with -50 dBm/MHz protection level in spurious domain and -30 dBm/MHz and -40dBm/MHz limits under NS applied within out-of-band domain?

## Comment collection

Questions under discussion have been outlined in section 1-3. Please provide your comments in the table below. As both NR NTN and IoT NTN are under discussion, please ensure that it is clear from your comments whether the comment applies for NR NTN, IoT NTN or both.

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| --- | --- |
| **Company** | **Comment** |
|  | **NR NTN:**  **IoT NTN:** |
|  | **NR NTN:**  **IoT NTN:** |

## Summary of the discussion

TBA