**3GPP TSG-RAN WG4 Meeting # 99-e R4-2107933**

**Electronic Meeting, 19th – 27th May 2021**

**Agenda item:** 8.30

**Source:** Moderator (Huawei)

**Title:** Email discussion summary for [99-e][123] NR\_MSD\_Inter\_Band\_ENDC

**Document for:** Information

# Introduction

This email discussion handles the contributions submitted to the agenda item 8.30. The scope of this email discussion covers missing MSD exceptions which were identified for the band combinations introduced in both Rel-16 and Rel-17. There is one topic to discuss how to add the missing MSD requirements for both Rel-16. In Rel-17, treatment of missing /revisiting MSD due to UL harmonics, harmonic mixing and cross-band isolation are aligned for BCS4 NR CA/DC

# Topic #1: The missing MSD requirements

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| R4-2110429  R4-2110430  (Cat A) | Huawei, HiSilicon | Adding the MSD requirement based on the following assumptions.  1. Based on the endorsed CR R4-2105379, the MSD requirements are added.  2. The MSD requirements are added for DC\_12\_n78/ DC\_18\_n77/ DC\_18\_n78/ DC\_19\_n77/ DC\_19\_n78/ DC\_28\_n77/ DC\_28\_n78/ DC\_20\_n38/ DC\_20\_n41/ DC\_20\_n77/ DC\_20\_n78/ DC\_26\_n41/ DC\_28\_n75/ DC\_28\_n50/ DC\_71\_n78.  3. Some editorial errors for DC\_28\_n50 and 28\_n75 were corrected. |

## Companies views’ collection for 1st round

### CRs/TPs comments collection

|  |  |
| --- | --- |
| **CR/TP number** | **Comments collection** |
| R4-2110429  R4-2110430  (Cat A) | Skyworks: Some corrections are needed in R4-2110429:  In Table 7.3B.2.3.1-1: In UL B28, MSD for DL n75 50MHz CBW is missing  In Table 7.3B.2.3.1-2: UL RB configurations are missing for:   * UL B5, DL n78 25MHz, 30MHz and 70MHz CBW * UL B28, DL n75 50MHz CBW * UL B28, DL n50 30MHz |
| Company B |
| Huawei: To Skyworks, we can revise it in the 2nd round. |

## Summary for 1st round

### Open issues

*Moderator tries to summarize discussion status for 1st round, list all the identified open issues and tentative agreements or candidate options and suggestion for 2nd round i.e. WF assignment.*

|  |  |
| --- | --- |
|  | **Status summary** |
| **Sub-topic #1** | *Tentative agreements:*  *Candidate options:*  *Recommendations for 2nd round:*  R4-2110429 can be revised based on companies’ comments. |

### CRs/TPs

*Moderator tries to summarize discussion status for 1st round and provides recommendation on CRs/TPs Status update*

*Note: The tdoc decisions shall be provided in Section 3 and this table is optional in case moderators would like to provide additional information.*

|  |  |
| --- | --- |
| **CR/TP number** | **CRs/TPs Status update recommendation** |
| XXX | *Based on 1st round of comments collection, moderator can recommend the next steps such as “agreeable”, “to be revised”* |

## Discussion on 2nd round (if applicable)

|  |  |
| --- | --- |
| **CR/TP number** | **Comments collection** |
| R4-2107823 |  |

# Recommendations for Tdocs

## 1st round

**New tdocs**

|  |  |  |
| --- | --- | --- |
| **Title** | **Source** | **Comments** |
| WF on … | YYY |  |
| LS on … | ZZZ | To: RAN\_X; Cc: RAN\_Y |
|  |  |  |

**Existing tdocs**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tdoc number** | **Title** | **Source** | **Recommendation** | **Comments** |
| R4-2110429 | CR for 38.101-3 to introduce the missing MSD requirements | Huawei, HiSilicon | Revised |  |
| R4-2110430 | CR for 38.101-3 to introduce the missing MSD requirements | Huawei, HiSilicon | Return to |  |
|  |  |  |  |  |

Notes:

1. Please include the summary of recommendations for all tdocs across all sub-topics incl. existing and new tdocs.
2. For the Recommendation column please include one of the following:
   1. CRs/TPs: Agreeable, Revised, Merged, Postponed, Not Pursued
   2. Other documents: Agreeable, Revised, Noted
3. For new LS documents, please include information on To/Cc WGs in the comments column
4. Do not include hyper-links in the documents

## 2nd round

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tdoc number** | **Title** | **Source** | **Recommendation** | **Comments** |
| R4-2107823 | CR for 38.101-3 to introduce the missing MSD requirements | Huawei, HiSilicon | Agreeable |  |
| R4-2110430 | CR for 38.101-3 to introduce the missing MSD requirements | Huawei, HiSilicon | Agreeable |  |
|  |  |  |  |  |
|  |  |  |  |  |

Notes:

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   1. CRs/TPs: Agreeable, Revised, Merged, Postponed, Not Pursued
   2. Other documents: Agreeable, Revised, Noted
3. Do not include hyper-links in the documents