**3GPP TSG-RAN WG4 Meeting # 95-e R4-200xxxx**

Electronic Meeting, 25 May – 5 June, 2020

**Agenda item:**

**Source:** Moderator (Huawei)

**Title:** Email discussion summary for [95e][107] LTE\_eMTC5\_IOTenh3

**Document for:** Information

# Introduction

The scope of this email discussion is to discuss the contributions submitted at agenda 5.8, 5.10.2 and 5.11.2 for [95e][107] LTE\_eMTC5\_IOTenh3. It is noted that R4-2007587 and R4-2007588 were moved to AI 14.2.3 Rel-17 basket WIs.

Topics related to LTE-MTC:

#1: Power boosting for LTE-MTC

#2: Conclusion for TR 37.823

Topic related to NB-IoT:

#3: Correction of the support of UE category NB1

#4: CR to TS 37.141

The target of 1st round is to discuss above topics and check the potential agreements on requirements. For second round the modified versions of TP or CR from 1st round will be reviewed.

# Topic #1: Power boosting for LTE-MTC

## Companies’ contributions summary

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| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| R4-2007115 | Nokia, Nokia Shanghai Bell | TP for TR 37.823: Power boosting for LTE-MTC  This TP treats the impact from power boosting applied to LTE-MTC for coexistence with NR, which has been discussed in last meeting. |
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## Companies views’ collection for 1st round

### CRs/TPs comments collection

*Major close-to-finalize WIs and Rel-15 maintenance, comments collections can be arranged for TPs and CRs. For Rel-16 on-going WIs, suggest to focus on open issues discussion on 1st round.*

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| --- | --- |
| **CR/TP number** | **Comments collection** |
| R4-2007115 | Company A: |
| Company B: |
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## Summary for 1st round

### TPs

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

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| --- | --- |
| **CR/TP number** | **CRs/TPs Status update recommendation** |
|  |  |
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## Discussion on 2nd round (if applicable)

# Topic #2: Conclusion for TR 37.823

*Main technical topic overview. The structure can be done based on sub-agenda basis.*

## Companies’ contributions summary

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| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| R4-2007586 | Ericsson | TP to 37.823: Conclusion  This TP provides the conclusion of study on coexisting operation of NR and LTE-MTC. |

## Companies views’ collection for 1st round

### CRs/TPs comments collection

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| **number** | **Comments collection** |
| R4-2007586 | Company A |
| Company B |
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## Summary for 1st round

### CRs/TPs

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

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| **CR/TP number** | **CRs/TPs Status update recommendation** |
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## Discussion on 2nd round (if applicable)

### CRs/TPs comments collection

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| --- | --- |
| **number** | **Comments collection** |
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## Summary on 2nd round (if applicable)

*Moderator tries to summarize discussion status for 2nd round and provided recommendation on CRs/TPs/WFs/LSs Status update suggestion*

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| --- | --- |
| **CR/TP/LS/WF number** | **T-doc Status update recommendation** |
|  |  |

# Topic #3: Correction of the support of UE category NB1

*Main technical topic overview. The structure can be done based on sub-agenda basis.*

## Companies’ contributions summary

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| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| R4-2007335 | Huawei, HiSilicon | Adding UE category NB1 supporting LTE band 42/43  Reason for change in 36.307: in Rel-16 36.307, TDD bands 42 and 43 are introduced for UE cat. NB2, but whether UE cat. NB1 supports LTE band 42/43 is not clarified. Considering that UE cat. NB1 shall be supported if UE supports cat. NB2, it is reasonable to make the statement that bands 42 and 43 also apply to UE cat. NB1. |

## Companies views’ collection for 1st round

### CRs/TPs comments collection

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| --- | --- |
| **number** | **Comments collection** |
| R4-2007335 | Company A |
| Company B |
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## Summary for 1st round

### CRs/TPs

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

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| **CR/TP number** | **CRs/TPs Status update recommendation** |
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## Discussion on 2nd round (if applicable)

### CRs/TPs comments collection

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| --- | --- |
| **number** | **Comments collection** |
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## Summary on 2nd round (if applicable)

*Moderator tries to summarize discussion status for 2nd round and provided recommendation on CRs/TPs/WFs/LSs Status update suggestion*

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| --- | --- |
| **CR/TP/LS/WF number** | **T-doc Status update recommendation** |
|  |  |

# Topic #4: CR to TS 37.141

## Companies’ contributions summary

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| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| R4-2006103 | Nokia, Nokia Shanghai Bell | CR to TS 37.141: Correction on optional support of NB-IoT operation in NR in-band with CS17  This is the resubmission of endorsed draft CR R4-2003001 |
| R4-2006104 | Nokia, Nokia Shanghai Bell | CR to TS 37.141: Clarifications on test configurations for NB-IoT operation in NR in-band  The CR is to clarify the phrase to ‘RB for NB-IoT operation in NR in-band which is closest to NR minimum guard band’ |

## Companies views’ collection for 1st round

### CRs/TPs comments collection

*Major close-to-finalize WIs and Rel-15 maintenance, comments collections can be arranged for TPs and CRs. For Rel-16 on-going WIs, suggest to focus on open issues discussion on 1st round.*

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| --- | --- |
| **CR/TP number** | **Comments collection** |
| R4-2006103 | Company A: |
| Company B: |
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| R4-2006104 | Company A: |
| Company B: |
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## Summary for 1st round

### TPs

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

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| **CR/TP number** | **CRs/TPs Status update recommendation** |
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## Discussion on 2nd round (if applicable)