**3GPP TSG-RAN WG4 Meeting # 108-bis R4-2317256**

**Xiamen, China, October 09 – October 13, 2023**

**Agenda item:** 5.14.7

**Source:** Man Hung Ng (Nokia)

**Title:** Topic summary for [108-bis][133] NR\_FR1\_lessthan\_5MHz\_BW

**Document for:** Information

# Introduction

*Briefly introduce background, the scope of this email discussion (e.g. list of treated agenda items) and provide some guidelines for email discussion if necessary.*

Summary for contributions submitted under agenda items 5.14, 5.14.1 and 5.14.2 for NR support for dedicated spectrum less than 5MHz for FR1.

List of candidate target of discussion for 1st round and 2nd round:

* 1st round: Discussion and agreement on open issues listed below.
* 2nd round: Continue discussion and agreement on open issues listed below.

# Topic #1: System parameters

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

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| R4-2315267 | Nokia, Nokia Shanghai Bell, Qualcomm, Ericsson | Proposal 1: Draft CR to TS 38.101-1.  Observation 1: |

## Open issues summary

*Before Meeting, moderators shall summarize list of open issues, candidate options and possible WF (if applicable) based on companies’ contributions.*

### Sub-topic 1-1

*Sub-topic description:*

*Open issues and candidate options before meeting:*

**Issue 1-1: R4-2315267**

* Proposals
  + Option 1: Endorse the draft CR
  + Option 2: Revise the draft CR
  + Option 3: Note the draft CR
* Recommended WF
  + Option 1: Endorse the draft CR

# Topic #2: UE RF requirements

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

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| R4-2315234 | Nokia | Proposal 1: Draft CR to TS 38.807  Observation 1: |
| R4-2315268 | Nokia, Nokia Shanghai Bell, Qualcomm, Ericsson | Proposal 1: Draft CR to TS 38.124  Observation 1: |
| R4-2316664 | MediaTek Inc. | Proposal 1: Draft CR to TS 38.101-1  Observation 1: |
| R4-2316665 | MediaTek Inc. | Proposal 1: Draft CR to TS 38.124  Observation 1: |

## Open issues summary

*Before Meeting, moderators shall summarize list of open issues, candidate options and possible WF (if applicable) based on companies’ contributions.*

### Sub-topic 2-1

*Sub-topic description:*

*Open issues and candidate options before meeting:*

**Issue 2-1: R4-2315234**

* Proposals
  + Option 1: Endorse the draft CR
  + Option 2: Revise the draft CR
  + Option 3: Note the draft CR
* Recommended WF
  + Option 1: Endorse the draft CR (TS 38.807 should be added to the WIDS as one of the affected specifications)

### Sub-topic 2-2

*Sub-topic description*

*Open issues and candidate options before meeting:*

**Issue 2-2: R4-2315268 and R4-2316665**

* Proposals
  + Option 1: R4-2315268 (Nokia, Qualcomm, Ericsson)
  + Option 2: R4-2316665 (MediaTek)
* Recommended WF
  + Endorse or revise option 1 or 2.

### Sub-topic 2-3

*Sub-topic description:*

*Open issues and candidate options before meeting:*

**Issue 2-3: R4-2316664**

* Proposals
  + Option 1: Endorse the draft CR
  + Option 2: Revise the draft CR
  + Option 3: Note the draft CR
* Recommended WF
  + TBD