**3GPP TSG-RAN4 Meeting #111 R4-2410714**

**Fukuoka, Japan, May 20th ‒ 24th, 2024**

**Title:** WF on for [111][139] UERF\_Spec\_Improvement

**Agenda Item:** 2.1

**Source:** Qualcomm Incorporated

**Document for:** Approval

# Topic #1: Technical wording ambiguities and Table modifications

### Sub-topic 1-1 Specification table simplification

**Issue 1-1-1:** Simplification ofTable 5.2A.2.1-1: Inter-band CA operating bands involving FR1 (two bands) (from R4-2404448)

**<Way forward/Agreement>**:

Agreement:

* + Do not consider the simplification for the tables of combinations of operating bands for 5G
  + Further discuss the simplification for configuration tables for EN-DC
  + Reducing the redundancy of band combination tables with the readability being ensured can be done for the future generation

### Sub-topic 1-2 MSD simplification

**Issue 1-2-1:** Simplification receiver relaxations tables

**<Way forward/Agreement>**: Consider following Options to simplify ΔTIB,c and ΔRIB,c tables

- Option 1: List CA band combinations per ΔTIB,c or ΔRIB,c row (a specific example can be seen in R4-2407688)

- Option 2: Use following generic values for ΔRIB,c and ΔTIB,c depending on the number of bands for band combination [R4-2407225]

|  |  |  |
| --- | --- | --- |
| the number of bands | ΔRIB,c | ΔTIB,c |
| 2 | 0.0 dB | 0.1 dB |
| 3 | 0.2 dB | |
| 4 | 0.3 dB | |
| 5 | 0.4 dB | |
| 6 | 0.5 dB | |

### Sub-topic 1-3 Wording ambiguities

**Issue 1-3-1:** CA requirement applicability

**<Way forward/Agreement>**: It is agreed that the wording in the specification “Assigned” and “For CA” is understood differently by different companies. Candidates are “configured” and “Scheduled” but other interpretations are also possible.

**Issue 1-3-2:** dual TX:

**<Way forward/Agreement>**: It is agreed that the notions “dual TX” and “2Tx” meaning can be further discussed.

**Issue 1-3-3:** Modified MPR language.

**<Way forward/Agreement>**: It is agreed that the “If the bit is not set” meaning can be further discussed.

# Topic 2: Work practice enhancements

### Sub-topic 2-1 New work practices

**Issue 2-1-1: PRDs**

**Agreement: FFS on whether and how to use concept similar to PRD in RAN4.**

# Topic 3: Larger specification structure enhancements

**Issue 3-1-1: Larger structure changes**

Agreement: RAN4 shall avoid to have big specification structure change for NR specifications at this late stage

**Issue 3-1-2: Future looking specification structure proposals**

Agreement: Keep all the proposed options as candidate in case RAN4 discusses specification structures for new specifications, e.g., 6G.