**3GPP TSG-RAN WG4 Meeting #111 R4-24xxxxx**

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

**Title:** WF on delta TIB,c and RIB,c tables simplification

**Agenda Item:** 12.1.1.1

**Source: Huawei, HiSilicon**

**Document for:** Approval

# <Topic ΔTIB,c and ΔRIB,c >

**<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 Annex) [1]

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

|  |  |  |
| --- | --- | --- |
| 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 | |

# References

1. R4-2407688, On table modifications and technical wording ambiguities, Huawei, HiSilicon, 3GPP TSG RAN WG4#111
2. R4-2407225, Simplifying RX/TX RF Refsens/Pout tables, Apple, 3GPP TSG RAN WG4#111

# <Annex>

**<Option 1>: How Table 6.2A.4.2-3-1 looks, if option 1 is applied to it**

Example of Option 1: Table 6.2A.4.2.3-1: ΔTIB,c due to NR CA (two bands)

|  |  |  |
| --- | --- | --- |
| Inter-band CA combination | ΔTIB,c for NR bands (dB)9 | |
| Component band in order of bands in configuration10  CA\_n’a’-n’b’ | |
| a | b |
| n1-n3, n1-n5, n1-n8, n1-n18, n1-n20, n1-n26, n1-n74 | 0.3 | 0.3 |
| n1-n7 | 0.5 | 0.6 |
| n1-n28, n1-n105 | 0.3 | 0.6 |
| n1-n38, n1-n40, n1-n41 | 0.5 | 0.5 |
| n1-n67, n1-n75 | 0.3 | N/A |
| n1-n77, n1-n102 | 0.6 | 0.8 |
| n1-n78 | 0.3 | 0.8 |