3GPP TSG-RAN WG4 Meeting #97-e R4-2014044

Electronic Meeting, 2 - 13 November 2020

**Source:** Huawei, HiSilicon

**Title:** TP to TR 37.717.41-11: Addition of DC configuration for DC\_2-5-7-66\_n66

**Agenda item:** 10.6.2

**Document for:** Approval

# Background

This contribution provides text proposal on the EN-DC configuration DC\_2-5-7-66\_n66 as defined in WID on Dual Connectivity of 4 band LTE (4DL/1UL) and 1 NR band (1DL/1UL) [1].

# Text Proposal

##### ---Start of changes---

## 5.1.x DC\_2-5-7-66\_n66

5.1.x.1 Configurations for EN-DC

Table 5.2B.4.4-1: Band configurations EN-DC (five bands)

| DCconfiguration | Uplink configuration |
| --- | --- |
| DC\_2A-5A-7A-66A\_n66ADC\_2A-5A-7C-66A\_n66A | DC\_2A\_n66ADC\_5A\_n66ADC\_7A\_n66ADC\_66A\_n66A4 |
| NOTE4: Only single switched UL is supported |

5.1.x.2 ∆TIB and ∆RIB values

For DC\_2-5-7-66\_n66, the ΔTIB,c and ΔRIB,c values are given in the tables below.

Table 6.2B.4.2.3.4-1: ΔTIB,c due to EN-DC (five bands)

| Inter-band DC Configuration | E-UTRA and NR Band | ΔTIB,c [dB] |
| --- | --- | --- |
| DC\_2-5-7-66\_n66 | 2 | 0.5 |
| 5 | 0.3 |
| 7 | 0.5 |
| 66 | 0.5 |
| n66 | 0.5 |

**Table 7.3B.3.3.4-1: ΔRIB due to EN-DC (five bands)**

| Inter-band DC Configuration | E-UTRA and NR Band | ΔRIB [dB] |
| --- | --- | --- |
| DC\_2-5-7-66\_n66 | 2 | 0.3 |
| 5 | 0 |
| 7 | 0.5 |
| 66 | 0.5 |
| n66 | 0.5 |

5.1.x.3 REFSENS requirements

Compared to its fallback modes, there are no additional MSD requirements for this band combination.

##### ---End of changes---

# Reference

[1] RP-201371, “New WID on Dual Connectivity (DC) of 4 bands LTE inter-band CA (4DL/1UL) and 1 NR band (1DL/1UL)”, Nokia, RAN#88-e