**3GPP TSG-RAN WG4 Meeting #97-e R4-201xxxxx**

**Online, 2nd -13th Nov, 2020**

**Source:** Samsung, Verizon

**Title:** TP for TR 37.717-21-11: DC\_13-46\_n261

**Agenda item:** 10.4.3

**Document for:** Approval

1. Introduction

This contribution is a text proposal for TR 37.717-21-11 to include DC\_13-46\_n261 according to the request in [1].

# 2. Reference

1. RP-201728, New WID on Dual Connectivity (DC) of 2 bands LTE inter-band CA (2DL/1UL) and 1 NR band (1DL/1UL).

3. Text Proposal

**<Start of Text Proposal>**

## 5.x DC\_13-46\_n261

### 5.x.1 Configuration for DC

**Table 5.x.1-1: Inter-band EN-DC configurations (three bands)**

| DC configuration | Uplink configuration  (NOTE 1) |
| --- | --- |
| DC\_13A-46A\_n261A  DC\_13A-46A\_n261I  DC\_13A-46A\_n261M  DC\_13A-46A\_n261(A-H)  DC\_13A-46A\_n261(G-H)  DC\_13A-46A\_n261(2H)  DC\_13A-46A-46A\_n261A  DC\_13A-46A-46A\_n261I  DC\_13A-46A-46A\_n261M  DC\_13A-46A-46A\_n261(A-H)  DC\_13A-46A-46A\_n261(G-H)  DC\_13A-46A-46A\_n261(2H) | DC\_13A\_n261A |
| DC\_13A-46A\_n261I  DC\_13A-46A\_n261M  DC\_13A-46A\_n261(A-H)  DC\_13A-46A\_n261(G-H)  DC\_13A-46A\_n261(2H)  DC\_13A-46A-46A\_n261I  DC\_13A-46A-46A\_n261M  DC\_13A-46A-46A\_n261(A-H)  DC\_13A-46A-46A\_n261(G-H)  DC\_13A-46A-46A\_n261(2H) | DC\_13A\_n261G |
| DC\_13A-46A\_n261I  DC\_13A-46A\_n261M  DC\_13A-46A\_n261(A-H)  DC\_13A-46A\_n261(G-H)  DC\_13A-46A\_n261(2H)  DC\_13A-46A-46A\_n261I  DC\_13A-46A-46A\_n261M  DC\_13A-46A-46A\_n261(A-H)  DC\_13A-46A-46A\_n261(G-H)  DC\_13A-46A-46A\_n261(2H) | DC\_13A\_n261H |
| DC\_13A-46A\_n261I  DC\_13A-46A\_n261M  DC\_13A-46A-46A\_n261I  DC\_13A-46A-46A\_n261M | DC\_13A\_n261I |

5.x.2 Co-existence study

Co-existence studies of this 3DL/2UL DC configuration are already covered in the constituent fallback modes. There is no IMD issue to their own third band RX.

### 5.x.3 ∆TIB and ∆RIB values

For DC\_13-46\_n261, the ΔTIB,c and ΔRIB,c values are given in the tables below.

Table 5.1.x.3-1: ΔTIB,c

| Inter-band DC Configuration | E-UTRA and NR Band | ΔTIB,c [dB] |
| --- | --- | --- |
| DC\_13-46\_n261  DC\_13-46-46\_n261 | 13 | 0 |
| 46 | 0 |
| n261 | 0 |

Table 5.1.x.3-2: ΔRIB,c

| Inter-band DC Configuration | E-UTRA and NR Band | ΔRIB [dB] |
| --- | --- | --- |
| DC\_13-46\_n261  DC\_13-46-46\_n261 | 13 | 0 |
| 46 | 0 |
| n261 | 0 |

### 5.x.4 REFSENS requirements

There are no additional MSD requirements for this band combination.

<End of Text Proposal>