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

Electronic Meeting, 2nd – 13th November, 2020

**Source:** Huawei, HiSilicon

**Title:** TP for TR 37.717-11-11: DC\_12A\_n71A

**Agenda Item:** 10.3.2

**Document for:** Approval

# Introduction

The WID for NR DC was updated in RAN #89e meeting. This contribution provides a TP for TR 37.717-11-11 to finish the UE RF requirements for the band combination.

# References

[1] RP-201553, “Revised WID: Rel-17 Dual Connectivity (DC) of 1 band LTE (1DL/1UL) and 1 NR band (1DL/1UL)”, CHTTL

# Text Proposal

**<TP for TR 37.717-11-11>**

### 6.1.x DC\_12\_n71

### 6.1.x.1 Configuration for DC

**Table 6.1.x.1-1: Inter-band EN-DC configurations of 1 LTE band + 1 NR band**

| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | Single UL allowed |
| --- | --- | --- |
| DC\_12A\_n71A | DC\_12A\_n71AX | Yes |
| NOTE X: Only single switched UL is supported. | | |

6.1.x.2 Maximum output power for DC

**Table 6.1.x.2-1:** **Maximum output power for inter-band EN-DC of 1 LTE band + 1 NR band**

| DC configuration | Power class 3  (dBm) | Tolerance  (dB) |
| --- | --- | --- |
| DC\_12A\_n71AX | 23 | +2/-3 |
| NOTE X: Only single switched UL is supported. | | |

6.1.x.3 Spurious emission band UE co-existence for DC

Note that only Single Tx Switched UL mode is supported for this combination, no spurious emission band UE co-existence requirement is needed.

6.1.x.4 MSD analysis for DC

Note that only Single Tx Switched UL mode is supported for this combination, no MSD requirement is needed.

6.1.x.5 ∆TIB and ∆RIB values

For DC\_12\_n71, the ΔTIB,c and ΔRIB,c values are given in the tables below.

**Table 6.1.x.5-1: ΔTIB,c**

| Inter-band DC Configuration | E-UTRA and NR Band | ΔTIB,c [dB] |
| --- | --- | --- |
| DC\_12\_n71 | 12 | 0.5 |
| n71 | 0.5 |

**Table 6.1.x.5-2: ΔRIB,c**

| Inter-band DC Configuration | E-UTRA and NR Band | ΔRIB [dB] |
| --- | --- | --- |
| DC\_12\_n71 | 12 | 0.3 |
| n71 | 0.3 |

**<End of TP >**