**3GPP T****SG-RAN WG4 Meeting#98 R4-2100146**

**E-meeting, 21st Jan – 5th** **Feb, 2021**

**Title: TP to TR 37.717-31-11: DC\_1-20-40\_n78**

**Source: Nokia, Telefonica**

**Agenda item: 9.5.2**

**Document for: Discussion**

# 1 Introduction

This is a TP into TR 37.717-31-11 to introduce DC\_1-20-40\_n78.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start of the TP \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

## 5.1.X DC\_1-20-40\_n78

### 5.1.X.1 Configuration for EN-DC

Table 5.1.X.1-1: Band combinations EN-DC (four bands)

| EN-DC band configuration | UL configuration(s) |
| --- | --- |
| DC\_1A-20A-40A\_n78A | DC\_1A\_n78ADC\_20A\_n78ADC\_40A\_n78A |

### 5.1.X.2 ∆TIB and ∆RIB values

It is proposed to re-use relaxation values from DC\_1-20\_n41-n78 which is very similar.

Table 5.1.X.2.-1: ΔTIB,c due to EN-DC (four bands)

| EN-DC band | E-UTRA and NR Band | ΔTIB,c [dB] |
| --- | --- | --- |
| DC\_1-20-40\_n78 | 1 | 0.5 |
| 20 | 0.3 |
| 40 | 0.59 |
| n78 | 0.89 |
| NOTE 9: Only applicable for UE supporting inter-band carrier aggregation with uplink in one E-UTRA band and without simultaneous Rx/Tx. |

Table 5.1.X.2.-1: ΔRIB,c due to EN-DC (four bands)

| EN-DC band | E-UTRA and NR Band | ΔRIB,c (dB) |
| --- | --- | --- |
| DC\_1-20-40\_n78 | 1 | 0 |
| 20 | 0 |
| 40 | 09 |
| n78 | 0.89 |
| NOTE 9: Only applicable for UE supporting inter-band carrier aggregation with uplink in one E-UTRA band and without simultaneous Rx/Tx. |

### 5.1.X.3 Reference sensitivity exceptions

MSD have been defined for lower order combinations. No further MSD is needed.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* End of the TP \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*