**3GPP T****SG-RAN WG4 Meeting#98 R4-2100147**

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

**Title: TP to TR 37.717-41-11: DC\_1-3-20-40\_n78**

**Source: Nokia, Telefonica**

**Agenda item: 9.6.2**

**Document for: Discussion**

# 1 Introduction

This TP introduces DC\_1A-3A-20A-40A\_n78A and DC\_1A-3A-20A-40C\_n78A into the TR 37.717-41-11.

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

### 5.1.X DC\_1-3-20-40\_n78

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

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

| EN-DC band configuration | UL configuration(s) |
| --- | --- |
| DC\_1A-3A-20A-40A\_n78A  DC\_1A-3A-20A-40C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A  DC\_40A\_n78A |

#### 5.1.X.2 ∆TIB and ∆RIB values

It is proposed to re-use relaxation values from DC\_1-3-20\_n41-n78 which is very similar combination.

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

| EN-DC band | E-UTRA and NR Band | ΔTIB,c [dB] |
| --- | --- | --- |
| DC\_1-3-20-40\_n78 | 1 | 0.5 |
| 3 | 0.5 |
| 20 | 0.3 |
| 40 | 0.55 |
| n78 | 0.85 |
| NOTE 5: 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.-2: ΔRIB,c due to EN-DC (five bands)

| EN-DC band | E-UTRA and NR Band | ΔRIB,c (dB) |
| --- | --- | --- |
| DC\_1-3-20-40\_n78 | 1 | 0 |
| 3 | 0 |
| 20 | 0 |
| 40 | 05 |
| n78 | 0.55 |
| NOTE 5: 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

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

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