**3GPP TSG-RAN WG4 Meeting #102-e R4-2205693**

**Electronic Meeting, 21 February – 03 March 2022**

**Source:** Ericsson

**Title:** TP for TR 38.717-03-02: CA\_n41-n66-n70

**Agenda item:** 9.11.2

**Document for:** Approval

# 1. Introduction

This contribution is a text proposal for TR 38.717-03-02 to include CA\_n41A-n66A-n70A.

# 2. Text Proposal

# ---Start of changes---

### 5.1.x CA\_n41-n66-n70

#### 5.1.x.1 Operating bands for CA

Table 5.1.x.1-1: 3DL Inter-band CA operating bands

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NR CA Band** | **NR Band** | **Uplink (UL) operating band** | | | **Downlink (DL) operating band** | | | **Duplex Mode** |
| **BS receive / UE transmit** | | | **BS transmit / UE receive** | | |
| **FUL\_low – FUL\_high** | | | **FDL\_low – FDL\_high** | | |
| CA\_n41-n66-n70 | n41 | 2496 MHz | – | 2690 MHz | 2496 MHz | – | 2690 MHz | TDD |
| n66 | 1710 MHz | – | 1780 MHz | 2110 MHz | – | 2200 MHz | FDD |
| n70 | 1695 MHz | – | 1710 MHz | 1995 MHz | – | 2020 MHz | FDD |

#### 5.1.x.2 Channel bandwidths per operating band for CA

Table 5.1.x.2-1: Supported channel bandwidths per CA configuration for 3DL inter-band CA

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NR CA configuration** | **Uplink CA configuration** | **NR Band** | **Channel bandwidth (MHz) (NOTE 3)** | | | | | | | | | | | | | **Bandwidth combination set** |
|  |  |  | **5** | **10** | **15** | **20** | **25** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** |  |
| CA\_n41-n66-n70 | CA\_n41-n66  CA\_n41-n70 | n41 |  | 10 | 15 | 20 |  | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 0 |
|  |  | n66 |  | 10 | 15 | 20 | 25 | 30 | 40 |  |  |  |  |  |  |  |
|  |  | n70 | 5 | 10 | 15 | 201 | 251 |  |  |  |  |  |  |  |  |  |
| NOTE 1: This UE channel bandwidth is applicable only to downlink. | | | | | | | | | | | | | | | | |

#### 5.1.x.3 UE co-existence studies

UL n41-n66 does not affect DL n70.

UL n41-n70 does not affect DL n66.

#### 5.1.x.4 REFSENS requirements

Based on the co-existence studies there are no need to defined MSD values.

---End of changes---

# Reference

[1] RP-212889, “Rel-17 NR Inter-band Carrier Aggregation/Dual Connectivity for 3 bands DL with 2 bands UL”, ZTE