**3GPP TSG-RAN WG4 Meeting #97-e R4-2016339**

**Electronic Meeting, 02 November – 13 November 2020**

**Source:** Ericsson, T-Mobile US

**Title:** TP for TR 37.817-01-01: update of MSD values for CA\_n71(2A)

**Agenda item:** 10.1.2

**Document for:** Approval

# 1. Introduction

This contribution is a text proposal for TR 37.817-01-01 to update the MSD values for CA\_n71(2A) as defined in WID [1].

# 2. Text Proposal

# ---Start of changes---

## 6.1 CA\_2DL\_n71(2A)\_1UL\_n71A

### 6.1.1 Channel bandwidths per operating band for CA

Table 6.1.1-1: Supported bandwidth combinations for CA\_n71(2A)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| NR CA Configuration | Uplink Configurations | Channel bandwidths for carrier  (MHz) | Channel bandwidths for carrier  (MHz) | Channel bandwidths for carrier  (MHz) | Channel bandwidths for carrier  (MHz) | Maximum  Aggregated bandwidth  (MHz) | Bandwidth combination set |
| CA\_n71(2A) | - | 5,10,15,20 | 5,10,15, 20 |  |  | 30 | 0 |

### 6.1.2 UE co-existence studies

There are no co-existence issues for this combination.

### 6.1.3 REFSENS

REFSENS for CA\_n71(2A) need to be added in below table of TS 38.101-1. MSD values proposed are tentative values for the RAN4 #96 meeting, and these will be crosschecked and to be concluded at the following RAN4 meeting.

Table 7.3A.2.2-1: Intra-band non-contiguous CA with one uplink configuration for reference sensitivity

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CA configuration | SCS  (kHz) | Aggregated channel bandwidth (PCC+SCC) | Wgap / [MHz] | UL PCC allocation | ΔRIBNC (dB) | Duplex mode |
| CA\_n71(2A) | 15 | 25RB+25RB | Wgap = 25.0 | 5 | 4.0 | FDD |
| Wgap = 5.0 | 20 | 0.0 |
| 50RB+25RB | Wgap = 20.0 | 5 | 4.6 |
| Wgap = 5.0 | 20 | 2.3 |
| 75RB+50RB | Wgap = 10.0 | 5 | 22.2 |
| Wgap = 5.0 | 20 | 5.2 |

---End of changes---

# Reference

[1] RP-200663, “New WID: NR intra band Carrier Aggregation for xCC DL/yCC UL including contiguous and non-contiguous spectrum (x>=y)”, Ericsson