**3GPP** **TSG RAN WG4 Meeting #116 R4-2509375**

**Bangalore, India, Aug 25th – 29th , 2025**

**Title: TP to TR 38.794 on CA\_n25(3A) with UL n25**

**Agenda Item: 6.8.1**

**Source: CATT, ZTE**

**Document for: Approval**

# 1 Introduction

In this contribution, we provide the text proposal on a HP intra-band CA\_n25(3A) with UL n25 to TR 38.794.

# 2 Text proposal

**< Start of text proposal>**

## 5.1 CA\_n25(3A) with UL n25

### 5.1.1 Configurations

The configuration is specified as Table 5.5A.2-1 of TS 38.101-1.

### 5.1.2 UE maximum output power

The PC2 requirements in clause 6.2.1 of TS 38.101-1 apply for UE maximum output power of the uplink carrier under this configuration.

### 5.1.3 UE additional maximum output power reduction

There is no additional maximum output power reduction issue.

### 5.1.4 ΔRIBNC

This configuration is already specified in TS 38.101-1, however, the ΔRIBNC values are missing from the latest specifications.

Similar to the way for power class 3, the same the ΔRIBNC values apply to all secondary component carriers for operation with three or more non-contiguous component carriers.

For PC2 CA\_n25(3A) with UL n25, ΔRIBNC values are proposed to the same as CA\_n25(2A) as illustrated in the following table:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| CA configuration | SCS(kHz) | Aggregated channel bandwidth (PCC+SCC) | Wgap / [MHz] | UL PCC allocation | SCCΔRIBNC1 (dB) | SCCΔRIBNC2 (dB) | Duplex mode |
| CA\_n25(2A) 9CA\_n25(3A)9 | 15/15 | ~~5MHz + 5MHz~~NOTE 1 | Wgap = 55.0 | 105 | 7.38 | 10.08 | FDD |
|  |  |  | Wgap = 30.0 | 25 | 0.08 | 0.08 |
| NOTE 1: All combinations of channel bandwidths defined in Table 5.5A.2-1.NOTE 8: For operation with three or more non-contiguous component carriers, ΔRIBNC applies to all secondary component carriers.NOTE 9: Bandwidth Combination Set 0 |

**< End of text proposal>**