**3GPP TSG-RAN WG4 Meeting #116 R4-2509722**

**Bengaluru, India, August 25th – 29th, 2025**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-1** | **CR** |  | **Rev** | **-** | **Current version:** | **19.2.0** |  |
|  | | | | | | | | |
| *For* [***HELP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Draft CR for adding some new NR-CA band combinations to TS 38.101-1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | KDDI, Samsung, Ericsson | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_CADC\_SUL\_R19-Core | | | | |  | ***Date:*** | | | 2025-08-14 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | |  |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | To introduce a few 4-band or 5-band combination specific requirements in the categry of OBJ-4 NR\_CADC\_R19\_xBDL\_yBUL to TS 38.101-1.  There are no unresolved MSD issues for these band combinations. Relevant two-band and/or three-band fallback configurations have already been specified in the TS. Therefore, these combinations can be introduced through this draft CR. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | * Following PC3 NRCA combinations are added to TS 38.101-1 Version 19.2.0 for both single band UL(1-UL) and interband UL CAs. * CA\_n3A-n28A-n41B-n77A with 1-UL and following interband UL CAs:   CA\_n3A-n28A, CA\_n3A-n41A, CA\_n3A-n77A, CA\_n28A-n41A, CA\_n28A-n77A and CA\_n41A-n77A   * CA\_n3A-n28A-n41B-n77(2A) with 1-UL and following interband UL CAs:   UL CA\_n3A-n28A, CA\_n3A-n41A, CA\_n3A-n77A, CA\_n28A-n41A, CA\_n28A-n77A and CA\_n41A-n77A   * CA\_n1A-n3A-n18A-n77(2A) with 1-UL and following interband UL CAs:   UL CA\_n1A-n3A, CA\_n1A-n18A, CA\_n1A-n77A, CA\_n3A-n18A,  CA\_n3A-n77A and CA\_n18A-n77A   * CA\_n1A-n18A-n28A-n41A-n77A with 1-UL and following interband UL CAs:   CA\_n1A-n41A, CA\_n1A-n77A, CA\_n18A-n41A, CA\_n18A-n77A, CA\_n28A-n41A, CA\_n28A-n77A and CA\_n41A-n77A | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The above mentioned combinations are not supported in the specification. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5A.3.3 and 5.5A.3.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **X** |  | Test specifications | | | | TS 38.521-1 | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

## **<<Start of Change>>**

## **<<Part 1: Four bands >>**

#### 5.5A.3.3 Configurations for inter-band CA (Four bands)

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Unchanged Tables/parts Omitted \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

##### Table 5.5A.3.3-1a

Table 5.5A.3.3-1a: NR CA configurations and bandwidth combinations sets defined for inter-band CA (four bands)

| NR CA configuration | Uplink CA configuration  or single uplink carrier 4 | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| --- | --- | --- | --- | --- |
| CA\_n1A-n3A-n18A-n77A | n775  CA\_n1A-n3A  CA\_n1A-n18A  CA\_n1A-n77A5  CA\_n3A-n18A  CA\_n3A-n77A5  CA\_n18A-n77A5 | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20 |  |
|  |  | n18 | 5, 10, 15 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| CA\_n1A-n3A-n18A-n77(2A) | | CA\_n1A-n3A  CA\_n1A-n18A  CA\_n1A-n77A  CA\_n3A-n18A  CA\_n3A-n77A  CA\_n18A-n77A | n1 | 5, 10, 15, 20 | 0 |
|  | |  | n3 | 5, 10, 15, 20 |  |
|  | |  | n18 | 5, 10, 15 |  |
|  | |  | n77 | CA\_n77(2A)\_BCS0 |  |
| CA\_n1A-n3A-n20A-n41A | CA\_n1A-n3A  CA\_n1A-n20A  CA\_n1A-n41A  CA\_n3A-n20A  CA\_n3A-n41A  CA\_n20A-n41A | n1 | 5, 10,15, 20, 25, 30, 40, 45, 50 | 0 |
|  |  | n3 | 5, 10,15, 20, 25, 30, 35, 40, 45, 50 |  |
|  |  | n20 | 5, 10,15, 20 |  |
|  |  | n41 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 60, 70, 80, 90, 100 |  |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Unchanged Tables/parts Omitted \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CA\_n3A-n28A-n41A-n77A | n415,6  n775,6  CA\_n3A-n28A  CA\_n3A-n41A5  CA\_n3A-n77A5  CA\_n28A-n41A5  CA\_n28A-n77A5  CA\_n41A-n77A5 | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n28 | 5, 10, 15, 20, 30 |  |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| CA\_n3A-n28A-n41B-n77A | CA\_n3A-n28A  CA\_n3A-n41A  CA\_n3A-n77A  CA\_n28A-n41A  CA\_n28A-n77A  CA\_n41A-n77A | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n28 | 5, 10, 15, 20, 30 |  |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| CA\_n3A-n28A-n41A-n77(2A) | n415,6  n775,6  CA\_n3A-n28A  CA\_n3A-n41A5  CA\_n3A-n77A5  CA\_n28A-n41A5  CA\_n28A-n77A5  CA\_n41A-n77A5 | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n28 | 5, 10 |  |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n77 | CA\_n77(2A)\_BCS0 |  |
|  | n415,6  n775,6  CA\_n3A-n28A  CA\_n3A-n41A5  CA\_n3A-n77A5  CA\_n28A-n41A5  CA\_n28A-n77A5  CA\_n41A-n77A5 | n3 | 5, 10, 15, 20 | 1 |
|  |  | n28 | 5, 10 |  |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n77 | CA\_n77(2A)\_BCS1 |  |
| CA\_n3A-n28A-n41B-n77(2A) | | CA\_n3A-n28A  CA\_n3A-n41A  CA\_n3A-n77A  CA\_n28A-n41A  CA\_n28A-n77A  CA\_n41A-n77A | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  | |  | n28 | 5, 10 |  |
|  | |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  | |  | n77 | CA\_n77(2A)\_BCS0 |  |
| CA\_n3A-n28A-n41A-n78A | CA\_n3A-n28A  CA\_n3A-n41A  CA\_n3A-n78A  CA\_n28A-n41A  CA\_n28A-n78A  CA\_n41A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Unchanged Tables/parts Omitted \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

## **<<Part 2: Five bands >>**

#### 5.5A.3.4 Configurations for inter-band CA (five bands)

Table 5.5A.3.4-1: NR CA configurations and bandwidth combinations sets defined for inter-band CA (five bands)

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Unchanged Tables/parts Omitted \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

| **NR CA configuration** | **Uplink configuration**  **or single uplink carrier 2** | **NR Band** | **Channel bandwidth (MHz) (NOTE 1)** | | **Bandwidth combination set** |
| --- | --- | --- | --- | --- | --- |
| CA\_n1A-n7A-n40A-n78A-n105A | CA\_n1A-n7A  CA\_n1A-n40A  CA\_n1A-n78A  CA\_n1A-n105A  CA\_n7A-n40A  CA\_n7A-n78A  CA\_n7A-n105A  CA\_n40A-n78A  CA\_n40A-n105A  CA\_n78A-n105A | n1 | 5, 10, 15, 20 | | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | |  |
|  |  | n40 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n105 | 5, 10, 15, 20, 25, 30, 35 | |  |
| CA\_n1A-n18A-n28A-n41A-n77A | CA\_n1A-n18A  CA\_n1A-n28A  CA\_n1A-n41A  CA\_n1A-n77A  CA\_n18A-n28A  CA\_n18A-n41A  CA\_n18A-n77A  CA\_n28A-n41A  CA\_n28A-n77A  CA\_n41A-n77A | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n18 | 5, 10, 15 |  | |
|  |  | n28 | 5, 10 |  | |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n77 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
| CA\_n1A-n20A-n41A-n71A-n78A | CA\_n1A-n20A  CA\_n1A-n41A  CA\_n1A-n71A  CA\_n1A-n78A  CA\_n20A-n41A  CA\_n20A-n71A  CA\_n20A-n78A  CA\_n41A-n71A  CA\_n41A-n78A  CA\_n71A-n78A | n1 | 5, 10,15, 20, 25, 30, 40, 45, 50 | | 0 |
|  |  | n20 | 5, 10,15, 20 | |  |
|  |  | n41 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n71 | 5, 10,15, 20, 25, 30, 35 | |  |
|  |  | n78 | 10,15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Unchanged Tables/parts Omitted \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

## **<<Part 3: ΔTIB,c for Inter-band CA (five bands) >>**

##### 6.2A.4.2.6 ΔTIB,c for Inter-band CA (five bands)

Table 6.2A.4.2.6-1: ΔTIB,c due to NR CA (five bands)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Inter-band CA combination | ΔTIB,c for NR bands (dB)1 | | | | |
| Component band in order of bands in configuration2 | | | | |
| CA\_n1-n3-n5-n7-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| CA\_n1-n3-n5-n28-n78 | 0.6 | 0.6 | 0.7 | 0.7 | 0.8 |
| CA\_n1-n3-n7-n8-n78 | 0.7 | 0.7 | 0.7 | 0.6 | 0.8 |
| CA\_n1-n3-n7-n20-n67 | 0.6 | 0.6 | 0.6 | 0.3 | N/A |
| CA\_n1-n3-n7-n20-n78 | 0.7 | 0.7 | 0.7 | 0.6 | 0.8 |
| CA\_n1-n3-n7-n26-n78 | 0.7 | 0.7 | 0.7 | 0.6 | 0.8 |
| CA\_n1-n3-n7-n28-n38 | 0.6 | 0.6 | N/A | 0.6 | N/A |
| CA\_n1-n3-n7-n28-n78 | 0.7 | 0.7 | 0.7 | 0.6 | 0.8 |
| CA\_n1-n3-n7-n40-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| CA\_n1-n3-n7-n40-n105 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| CA\_n1-n3-n7-n67-n78 | 0.7 | 0.7 | 0.7 | N/A | 0.8 |
| CA\_n1-n3-n7-n75-n78 | 0.6 | 0.6 | 0.6 | N/A | 0.8 |
| CA\_n1-n3-n8-n41-n78 | 0.6 | 1 | 0.6 | 0.63/0.84 | 0.8 |
| CA\_n1-n3-n20-n41-n71 | 0.5 | 0.5 | 0.8 | 0.33 / 0.84 | 0.6 |
| CA\_n1-n3-n20-n41-n77 | 0.6 | 0.6 | 0.8 | 0.33 / 0.84 | 0.8 |
| CA\_n1-n3-n20-n41-n78 | 0.6 | 0.6 | 0.8 | 0.33 / 0.84 | 0.8 |
| CA\_n1-n3-n20-n71-n78 | 0.6 | 0.6 | 0.8 | 0.6 | 0.8 |
| CA\_n1-n3-n28-n40-n41 | 0. | 0.5 | 0.6 | 0.6 | 0.63/0.84 |
| CA\_n1-n3-n28-n40-n77 | 0.6 | 0.6 | 0.6 | 0.5 | 0.8 |
| CA\_n1-n3-n28-n41-n77 | 0.6 | 1 | 0.6 | 0.63/0.84 | 0.8 |
| CA\_n1-n3-n28-n41-n79 | 0.5 | 0.5 | 0.6 | 0.63/0.84 | 0.8 |
| CA\_n1-n3-n28-n77-n79 | 0.6 | 0.6 | 0.6 | 0.8 | 0.8 |
| CA\_n1-n3-n40-n78-n105 | 0.6 | 0.6 | 0.6 | 0.8 | 0.6 |
| CA\_n1-n3-n41-n71-n77 | 0.6 | 0.6 | 0.33 / 0.84 | 0.6 | 0.8 |
| CA\_n1-n3-n41-n71-n78 | 0.6 | 0.6 | 0.53/0.84 | 0.6 | 0.8 |
| CA\_n1-n3-n41-n77-n79 | 0.6 | 0.6 | 0.53/0.84 | 0.8 | 0.8 |
| CA\_n1-n5-n7-n40-n78 | 0.5 | 0.6 | 0.6 | 0.5 | 0.8 |
| CA\_n1-n5-n7-n40-n105 | 0.5 | 0.3 | 0.6 | 0.5 | 0.6 |
| CA\_n1-n5-n7-n78-n105 | 0.5 | 0.6 | 0.6 | 0.8 | 0.6 |
| CA\_n1-n5-n28-n78-n79 | 0.6 | 0.7 | 0.7 | 0.8 | 0.8 |
| CA\_n1-n5-n40-n78-n105 | 0.5 | 0.6 | 0.5 | 0.8 | 0.6 |
| CA\_n1-n7-n40-n78-n105 | 0.6 | 0.6 | 0.6 | 0.8 | 0.6 |
| CA\_n1-n18-n28-n41-n77 | 0.6 | 0.5 | 0.6 | 0.6 | 0.8 |
| CA\_n1-n20-n41-n71-n78 | 0.5 | 0.8 | 0.33 / 0.84 | 0.6 | 0.8 |
| CA\_n1-n28-n41-n77-n79 | 0.6 | 0.6 | 0.6 | 0.8 | 0.8 |
| CA\_n2-n5-n30-n66-n77 | 0.6 | 0.6 | 0.3 | 0.6 | 0.8 |
| CA\_n2-n5-n48-n66-n77 | 0.6 | 0.3 | 0.8 | 0.6 | 0.8 |
| CA\_n2-n12-n30-n66-n77 | 0.6 | 0.8 | 0.3 | 0.6 | 0.8 |
| CA\_n2-n14-n30-n66-n77 | 0.6 | 0.6 | 0.3 | 0.6 | 0.8 |
| CA\_n2-n29-n30-n66-n77 | 0.6 | N/A | 0.3 | 0.6 | 0.8 |
| CA\_n3-n7-n20-n67-n78 | 0.6 | 0.6 | 0.6 | N/A | 0.8 |
| CA\_n3-n7-n40-n78-n105 | 0.6 | 0.8 | 0.6 | 0.8 | 0.6 |
| CA\_n3-n8-n39-n41-n79 | 0.5 | 0.5 | 0.5 | 0.33 / 0.84 | 0.8 |
| CA\_n3-n20-n41-n71-n78 | 0.6 | 0.8 | 0.33 / 0.84 | 0.6 | 0.8 |
| CA\_n3-n28-n41-n77-n79 | 1 | 0.5 | 0.8 | 0.8 | 0.8 |
| CA\_n5-n7-n40-n78-n105 | 0.6 | 0.6 | 0.5 | 0.8 | 0.6 |
| NOTE 1: “-” denotes ΔTIB,c = 0.  NOTE 2: The component band order in the configuration should be listed by the order of NR bands, such as for CA\_n1-n3-n5-n7-n78 the band order from left to right is n1, n3, n5, n7 and n78.  NOTE 3: The requirement is applied for UE transmitting on the frequency range of 2545 - 2690 MHz  NOTE 4: The requirement is applied for UE transmitting on the frequency range of 2496 - 2545 MHz | | | | | |

## **<<Part 4: ΔRIB,c for five bands >>**

##### 7.3A.3.2.5 ΔRIB,c for five bands

Table 7.3A.3.2.5-1: ΔRIB,c due to CA (five bands)

| Inter-band CA combination | ΔRIB,c for NR bands (dB)1 | | | | |
| --- | --- | --- | --- | --- | --- |
| Component band in order of bands in configuration2 | | | | |
| CA\_n1-n3-n5-n7-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| CA\_n1-n3-n5-n28-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| CA\_n1-n3-n7-n20-n67 | - | 0.3 | 0.5 | - | 0.2 |
| CA\_n1-n3-n7-n26-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| CA\_n1-n3-n7-n28-n38 | - | - | - | 0.2 | - |
| CA\_n1-n3-n7-n28-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| CA\_n1-n3-n7-n40-n78 | 0.2 | 0.2 | 0.2 | 0.3 | 0.5 |
| CA\_n1-n3-n7-n67-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| CA\_n1-n3-n7-n78-n105 | 0.2 | 0.2 | 0.2 | 0.5 | 0.3 |
| CA\_n1-n3-n7-n75-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| CA\_n1-n3-n8-n41-n78 | 0.2 | 0.5 | 0.2 | 03/0.54 | 0.5 |
| CA\_n1-n3-n20-n41-n71 | 0.2 | 0.2 | 0.4 | 05 / 0.56 | 0.4 |
| CA\_n1-n3-n20-n41-n77 | 0.2 | 0.2 | - | 05 / 0.56 | 0.5 |
| CA\_n1-n3-n20-n41-n78 | 0.2 | 0.2 | - | 05 / 0.56 | 0.5 |
| CA\_n1-n3-n20-n71-n78 | 0.2 | 0.2 | - | 05 / 0.56 | 0.5 |
| CA\_n1-n3-n28-n40-n41 | - | - | 0.2 | - | 03/0.54 |
| CA\_n1-n3-n28-n40-n77 | 0.2 | 0.2 | 0.2 | 0.3 | 0.5 |
| CA\_n1-n3-n28-n41-n77 | 0.2 | 0.5 | 0.2 | 03/0.54 | 0.5 |
| CA\_n1-n3-n28-n41-n79 | - | - | 0.2 | 0.5 | 0.5 |
| CA\_n1-n3-n28-n77-n79 | 0.2 | 0.2 | 0.2 | 0.5 | 0.5 |
| CA\_n1-n3-n40-n78-n105 | 0.2 | 0.2 | 0.2 | 0.5 | 0.2 |
| CA\_n1-n3-n41-n71-n77 | 0.2 | 0.2 | 05 / 0.56 | 0.2 | 0.5 |
| CA\_n1-n3-n41-n71-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| CA\_n1-n3-n41-n77-n79 | 0.2 | 0.2 | 0.5 | 0.5 | 0.5 |
| CA\_n1-n5-n7-n40-n78 | 0.2 | 0.2 | 0.2 | 0.5 | 0.5 |
| CA\_n1-n5-n7-n40-n105 | 0.2 | 0.2 | 0.3 | 0.5 | 0.3 |
| CA\_n1-n5-n7-n78-n105 | 0.2 | 0.2 | 0.2 | 0.5 | 0.3 |
| CA\_n1-n5-n28-n78-n79 | 0.2 | 0.2 | 0.2 | 0.5 | 0.5 |
| CA\_n1-n5-n40-n78-n105 | 0.2 | 0.2 | 0.2 | 0.5 | 0.3 |
| CA\_n1-n7-n40-n78-n105 | 0.2 | 0.2 | 0.2 | 0.5 | 0.2 |
| CA\_n1-n18-n28-n41-n77 | 0.2 | - | 0.2 | - | 0.5 |
| CA\_n1-n20-n41-n71-n78 | 0.2 | 0.4 | - | 0.4 | 0.5 |
| CA\_n1-n28-n41-n77-n79 | 0.2 | 0.2 | 0.5 | 0.5 | 0.5 |
| CA\_n2-n5-n30-n66-n77 | 0.3 | 0.2 | 0.5 | 0.4 | 0.5 |
| CA\_n2-n5-n48-n66-n77 | 0.2 | - | 0.5 | 0.2 | 0.5 |
| CA\_n2-n12-n30-n66-n77 | 0.2 | 0.5 | 0.5 | 0.5 | 0.5 |
| CA\_n2-n14-n30-n66-n77 | 0.2 | 0.2 | 0.5 | 0.5 | 0.5 |
| CA\_n2-n29-n30-n66-n77 | 0.2 | 0.5 | 0.5 | 0.5 | 0.5 |
| CA\_n3-n7-n20-n67-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| CA\_n3-n7-n40-n78-n105 | 0.2 | 0.5 | 0.2 | 0.5 | 0.2 |
| CA\_n3-n20-n41-n71-n78 | 0.2 | 0.4 | 05 / 0.56 | 0.4 | 0.5 |
| CA\_n3-n28-n41-n77-n79 | 0.5 | 0.2 | 0.5 | 0.5 | 0.5 |
| CA\_n5-n7-n40-n78-n105 | 0.2 | 0.2 | 0.5 | 0.5 | 0.3 |
| NOTE 1: “-” denotes ΔRIB,c = 0.  NOTE 2: The component band order in the configuration should be listed by the order of NR bands, such as for CA\_n1-n3-n5-n7-n78 the band order from left to right is n1 n3, n5, n7 and n78.  NOTE 3: The requirement is applied for UE transmitting on the frequency range of 2545 - 2690 MHz.  NOTE 4: The requirement is applied for UE transmitting on the frequency range of 2496 - 2545 MHz | | | | | |

## **<<End of Change>>**