**3GPP TSG-RAN WG4 Meeting #103-e *R4-2209266***

**Electronic Meeting, 9 - 20 May, 2022**

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| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  | **38.101-3** | **CR** | **0720** | **rev** | **-** | **Current version:** | **17.5.0** |  |
|  |
| *For* [***HE******LP***](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 |  |

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|  |
| ***Title:***  | Big CR on Introduction of completed 5 bands inter-band CA into TS 38.101-3 |
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| ***Source to WG:*** | Huawei, HiSilicon |
| ***Source to TSG:*** | R4 |
|  |  |
| ***Work item code:*** | NR\_CADC\_R17\_5BDL\_xBUL -Core |  | ***Date:*** | 2022-05-20 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***Release:*** | Rel-17 |
|  | *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 canbe 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-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
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| ***Reason for change:*** | Based on the TR 38.862, it’s agreed to simplify the configuration table. Thus, the configuration table format is simplified in Table 5.5A.1-4. |
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| ***Summary of change:*** | the configuration table format is simplified in Table 5.5A.1-4. |
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| ***Consequences if not approved:*** | The simplified configuration table can not be implemented. |
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| ***Clauses affected:*** | 5.5A.1 |
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|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **X** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  | **X** |  Test specifications | TS/TR ... CR  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR ...  |
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| ***Other comments:*** |  |
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| ***This CR's revision history:*** |  |

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

Table 5.5A.1-4: Inter-band CA configurations and bandwidth combination sets between FR1 and FR2 (five bands)

| NR CA configuration | Uplink configuration | NR Band | Channel bandwidth (MHz) (NOTE 1) | Bandwidth combination set |
| --- | --- | --- | --- | --- |
| CA\_n1A-n3A-n8A-n77A-n257A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n3A-n8A-n77A-n257G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n3A-n8A-n77A-n257H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n3A-n8A-n77A-n257I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n3A-n8A-n77A-n257J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n1A-n3A-n8A-n77A-n257K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n1A-n3A-n8A-n77A-n257L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n1A-n3A-n8A-n77A-n257M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n257 | CA\_n257M |  |
|  | CA\_n3A-n28ACA\_n3A-n77A | n3 | 5, 10, 15, 20, 25, 30 |  |
|  | CA\_n3A-n79ACA\_n3A-n257A | n28 | 5, 10, 15, 20 |  |
| CA\_n3A-n28A-n77A-n79A-n257A | CA\_n28A-n77ACA\_n28A-n79A | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  | CA\_n28A-n257ACA\_n77A-n79A | n79 | 40, 50, 80, 100 |  |
|  | CA\_n77A-n257ACA\_n79A-n257A | n257 | 50, 100, 200, 400 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n28 | 5, 10, 15, 20 |  |
| CA\_n3A-n28A-n77A-n79A-n257G | CA\_n3A-n28ACA\_n3A-n77ACA\_n3A-n79ACA\_n3A-n257ACA\_n3A-n257GCA\_n28A-n77ACA\_n28A-n79ACA\_n28A-n257ACA\_n28A-n257GCA\_n77A-n79ACA\_n77A-n257ACA\_n77A-n257GCA\_n79A-n257ACA\_n79A-n257G | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n28 | 5, 10, 15, 20 |  |
| CA\_n3A-n28A-n77A-n79A-n257H | CA\_n3A-n28ACA\_n3A-n77ACA\_n3A-n79ACA\_n3A-n257ACA\_n3A-n257GCA\_n3A-n257HCA\_n28A-n77ACA\_n28A-n79ACA\_n28A-n257ACA\_n28A-n257GCA\_n28A-n257HCA\_n77A-n79ACA\_n77A-n257ACA\_n77A-n257GCA\_n77A-n257HCA\_n79A-n257ACA\_n79A-n257GCA\_n79A-n257H | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n28 | 5, 10, 15, 20 |  |
| CA\_n3A-n28A-n77A-n79A-n257I | CA\_n3A-n28ACA\_n3A-n77ACA\_n3A-n79ACA\_n3A-n257ACA\_n3A-n257GCA\_n3A-n257HCA\_n3A-n257ICA\_n28A-n77ACA\_n28A-n79ACA\_n28A-n257ACA\_n28A-n257GCA\_n28A-n257HCA\_n28A-n257ICA\_n77A-n79ACA\_n77A-n257ACA\_n77A-n257GCA\_n77A-n257HCA\_n77A-n257ICA\_n79A-n257ACA\_n79A-n257GCA\_n79A-n257HCA\_n79A-n257I | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
|  | CA\_n3A-n28ACA\_n3A-n77A | n3 | 5, 10, 15, 20, 25, 30 |  |
|  | CA\_n3A-n79ACA\_n3A-n257A | n28 | 5, 10, 15, 20 |  |
| CA\_n3A-n28A-n77(2A)-n79A-n257A | CA\_n28A-n77ACA\_n28A-n79A | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 | 0 |
|  | CA\_n28A-n257ACA\_n77A-n79A | n79 | 40, 50, 80, 100 |  |
|  | CA\_n77A-n257ACA\_n79A-n257A | n257 | 50, 100, 200, 400 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n28 | 5, 10, 15, 20 |  |
| CA\_n3A-n28A-n77(2A)-n79A-n257G | CA\_n3A-n28ACA\_n3A-n77ACA\_n3A-n79ACA\_n3A-n257ACA\_n3A-n257GCA\_n28A-n77ACA\_n28A-n79ACA\_n28A-n257ACA\_n28A-n257GCA\_n77A-n79ACA\_n77A-n257ACA\_n77A-n257GCA\_n79A-n257ACA\_n79A-n257G | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 | 0 |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n28 | 5, 10, 15, 20 |  |
| CA\_n3A-n28A-n77(2A)-n79A-n257H | CA\_n3A-n28ACA\_n3A-n77ACA\_n3A-n79ACA\_n3A-n257ACA\_n3A-n257GCA\_n3A-n257HCA\_n28A-n77ACA\_n28A-n79ACA\_n28A-n257ACA\_n28A-n257GCA\_n28A-n257HCA\_n77A-n79ACA\_n77A-n257ACA\_n77A-n257GCA\_n77A-n257HCA\_n79A-n257ACA\_n79A-n257GCA\_n79A-n257H | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 | 0 |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n28 | 5, 10, 15, 20 |  |
| CA\_n3A-n28A-n77(2A)-n79A-n257I | CA\_n3A-n28ACA\_n3A-n77ACA\_n3A-n79ACA\_n3A-n257ACA\_n3A-n257GCA\_n3A-n257HCA\_n3A-n257ICA\_n28A-n77ACA\_n28A-n79ACA\_n28A-n257ACA\_n28A-n257GCA\_n28A-n257HCA\_n28A-n257ICA\_n77A-n79ACA\_n77A-n257ACA\_n77A-n257GCA\_n77A-n257HCA\_n77A-n257ICA\_n79A-n257ACA\_n79A-n257GCA\_n79A-n257HCA\_n79A-n257I | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 | 0 |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
|  |  |  |  |  |
| NOTE 1: The SCS of each channel bandwidth for NR FR1 and NR FR2 band refers to Table 5.3.5-1 of TS 38.101-1 and TS 38.101-2 respectively. |

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