**3GPP TSG-RAN4 Meeting # *R4-25***

**Prague, Czech Republic, 13th – 17th October 2025**

|  |  |  |  |  |  |  |  |  |
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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-1** | **CR** | **-** | **rev** | **-** | **Current version:** | **19.3.1** |  |
|  | | | | | | | | |
| *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 |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Draft CR for TS38.101-1 Rel-19 Adding BCS4 and 5 into 2 band NR CA combinations | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Qualcomm, KDDI | | | | | | | | | |
| ***Source to TSG:*** | RAN4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** |  | | | | |  | ***Date:*** | | | 2025-10-03 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-19 |
|  | *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:*** | | BCS4 and 5 is added into some 2 band NR CA combinations | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Adding BCS 4 and 5 support into following combinations:  CA\_n3A-n18A with UL CA\_n3A-n18A  CA\_n18A-n28A with UL CA\_n18A-n28A  CA\_n18A-n41A with UL CA\_n18A-n41A  CA\_n18A/n77(3A) with UL CA\_n18A-n77A | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | BCS 4 and 5 are not supported for these combinations | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5A.3.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **X** |  | Test specifications | | | | TS/TR ... CR ... 38.521-1 | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

<START OF CHANGES>

#### 5.5A.3.1 Configurations for inter-band CA (two bands)

##### Table 5.5A.3.1-1a ~ Table 5.5A.3.1-1e

Table 5.5A.3.1-1a: NR CA configurations and bandwidth  
combinations sets defined for inter-band CA (two bands)

| NR CA configuration | Uplink CA configuration or single uplink carrier10 | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| --- | --- | --- | --- | --- |
| CA\_n3A-n5A | CA\_n3A-n5A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
| CA\_n3(2A)-n5A | - | n3 | CA\_n3(2A)\_BCS0 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
| CA\_n3A-n7A | n38  n78  CA\_n3A-n7A8 | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n3 | n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n7 | n7 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n3A-n7B | CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n7 | CA\_n7B\_BCS0 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n7 | CA\_n7B\_BCS0 |  |
| CA\_n3A-n7(2A) | CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n7 | CA\_n7(2A)\_BCS0 |  |
| CA\_n3(2A)-n7A | CA\_n3A-n7A | n3 | CA\_n3(2A)\_BCS0 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  | - | n3 | CA\_n3(2A)\_BCS1 | 1 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
| CA\_n3(2A)-n7(2A) | CA\_n3A-n7A | n3 | CA\_n3(2A)\_BCS0 | 0 |
|  |  | n7 | CA\_n7(2A)\_BCS0 |  |
| CA\_n3B-n7A | CA\_n3A-n7A | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  | CA\_n3B | n3 | CA\_n3B\_BCS1 | 1 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  |
| CA\_n3B-n7B | CA\_n3A-n7A  CA\_n7B | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n7 | CA\_n7B\_BCS0 |  |
|  |  | n3 | CA\_n3B\_BCS 4 and 5 | 4 and 5 |
|  |  | n7 | CA\_n7B\_BCS 4 and 5 |  |
|  | CA\_n3B | n3 | CA\_n3B\_BCS1 | 1 |
|  |  | n7 | CA\_n7B\_BCS0 |  |
| CA\_n3A-n8A | CA\_n3A-n8A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n3 | See n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n8 | See n8 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n3(2A)-n8A | CA\_n3A-n8A | n3 | CA\_n3(2A)\_BCS0 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
| CA\_n3A-n18A | CA\_n3A-n18A | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n18 | 5, 10, 15 |  |
|  |  | n3 | n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n18 | n18 channel bandwidths in Table 5.3.5-1 |
| CA\_n3A-n20A | n38  CA\_n3A-n20A8 | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n20 | 5, 10, 15, 20 |  |
|  |  | n3 | n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n20 | n20 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n3A-n26A | CA\_n3A-n26A | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n26 | 5, 10, 15, 20 |  |
| CA\_n3A-n26(2A) | CA\_n26(2A)  CA\_n3A-n26A | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | 0 |
|  |  | n26 | CA\_n26(2A)\_BCS0 |  |
| CA\_n3B-n26A | CA\_n3A-n26A | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n26 | 5, 10, 15, 20, 25, 30 |  |
|  | CA\_n3B | n3 | CA\_n3B\_BCS1 | 1 |
|  |  | n26 | 5, 10, 15, 20, 25, 30 |  |
| CA\_n3B-n26(2A) | CA\_n26(2A)  CA\_n3A-n26A | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n26 | CA\_n26(2A)\_BCS0 |  |
|  | CA\_n3B | n3 | CA\_n3B\_BCS1 | 1 |
|  |  | n26 | CA\_n26(2A)\_BCS0 |  |
| CA\_n3A-n28A | n38  CA\_n3A-n28A8 | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 2 |
|  |  | n28 | 5, 10, 15, 20, 30 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30, 35, 40 | 3 |
|  |  | n28 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n3 | n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n28 | n28 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n3B-n28A | CA\_n3A-n28A | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  | CA\_n3B | n3 | CA\_n3B\_BCS1 | 1 |
|  |  | n28 | 5, 10, 15, 20, 25, 30 |  |
| CA\_n3(2A)-n28A | - | n3 | CA\_n3(2A)\_BCS0 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
| CA\_n3A-n34A | CA\_n3A-n34A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n34 | 5, 10, 15 |  |
|  |  | n3 | See n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n34 | See n34 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n3A-n38A | CA\_n3A-n38A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n38 | 5, 10, 15, 20, 40 |  |
| CA\_n3B-n38A | - | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n38 | 5, 10, 15, 20, 25, 30, 40 |  |
| CA\_n3(2A)-n38A | - | n3 | CA\_n3(2A)\_BCS1 | 0 |
|  |  | n38 | 5, 10, 15, 20, 25, 30, 40 |  |
| CA\_n3A-n39A | n3 | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n39 | 5, 10, 15, 20, 25, 30, 35, 40 |  |
| CA\_n3A-n40A | n408,9  CA\_n3A-n40A8 | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30, 35,40 | 2 |
|  |  | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n3 | See n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n40 | See n40 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n3A-n41A | n418,9  CA\_n3A-n41A8 | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30 | 1 |
|  |  | n41 | 10, 15, 20, 40, 50, 60 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30, 40 | 2 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 3 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n3 | See n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n41 | See n41 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n3A-n41B | CA\_n3A-n41A | n3 | 5, 10, 15, 20 | 0 |
|  |  | n41 | CA\_n41B\_BCS0 |  |
| CA\_n3A-n41C | n418  CA\_n41C8  CA\_n3A-n41A8  CA\_n3A-n41C8 | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n41 | CA\_n41C\_BCS0 |  |
|  |  | n3 | See n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n41 | CA\_n41C\_BCS4 and 5 |  |
| CA\_n3A-n41(2A) | CA\_n3A-n41A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n41 | CA\_n41(2A)\_BCS0 |  |
|  |  | n3 | See n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n41 | CA\_n41(2A)\_BCS4 and 5 |  |
| CA\_n3(2A)-n41A | CA\_n3A-n41A | n3 | CA\_n3(2A)\_BCS0 | 0 |
|  |  | n41 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 60, 70, 80, 90, 100 |  |
| CA\_n3A-n67A | n38 | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n67 | 5, 10, 15, 20 |  |
|  |  | n3 | n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n67 | n67 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n3A-n71A | CA\_n3A-n71A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n71 | 5, 10, 15, 20 |  |
| CA\_n3(2A)-n71A | CA\_n3A-n71A | n3 | CA\_n3(2A)\_BCS0 | 0 |
|  |  | n71 | 5, 10, 15, 20 |  |
| CA\_n3A-n74A | CA\_n3A-n74A | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n74 | 5, 10, 15, 20 |  |
| CA\_n3A-n75A | - | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n75 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n3 | n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n75 | n75 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n3A-n77A | n778,9  CA\_n3A-n77A8 | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30, 35,40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n3 | See n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n77 | See n77 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n3A-n77(2A) | n778,9  CA\_n77(2A)8  CA\_n3A-n77A8 | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A)\_BCS0 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30, 35,40 | 1 |
|  |  | n77 | CA\_n77(2A)\_BCS1 |  |
|  |  | n3 | See n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n77 | CA\_n77(2A)\_BCS4 and 5 |  |
| CA\_n3A-n77(3A) | n778,9  CA\_n77(2A)8  CA\_n3A-n77A8 | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n77 | CA\_n77(3A)\_BCS0 |  |
|  | CA\_n77(2A)  CA\_n3A-n77A | n3 | n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n77 | CA\_n77(3A)\_BCS4 and 5 |  |
| CA\_n3A-n78A | n38  n788,9  CA\_n3A-n78A8,13, 14 | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30, 40, | 1 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n3 | n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n78 | n78 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n3A-n78C | n788,9  CA\_n78C8  CA\_n3A-n78A8,14 | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n78 | CA\_n78C\_BCS0 |  |
|  | n788,9  CA\_n78C8  CA\_n3A-n78A8,14 | n3 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n78 | CA\_n78C\_BCS0 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30, 40 | 2 |
|  |  | n78 | CA\_n78C\_BCS1 |  |
|  | n788,9  CA\_n78C8  CA\_n3A-n78A8,14  CA\_n3A-n78C | n3 | See n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n78 | CA\_n78C\_BCS4 and 5 |  |
| CA\_n3A-n78(2A) | n38  n788,9  CA\_n3A-n78A8,13, 14  CA\_n78(2A)8 | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS0 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n3 | See n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n78 | CA\_n78(2A)\_BCS4 and 5 |  |
| CA\_n3A-n78(A-C) | CA\_n78C  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | 0 |
|  |  | n78 | CA\_n78(A-C)\_BCS1 |  |
| CA\_n3(2A)-n78A | CA\_n3A-n78A8,14 | n3 | CA\_n3(2A)\_BCS0 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n3 | CA\_n3(2A)\_BCS1 | 1 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| CA\_n3(2A)-n78C | CA\_n78C  CA\_n3A-n78A  CA\_n3A-n78C | n3 | CA\_n3(2A)\_BCS0 | 0 |
|  |  | n78 | CA\_n78C\_BCS0 |  |
| CA\_n3B-n78A | n788,9  CA\_n3A-n78A8,14 | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n3 | CA\_n3B\_BCS4 and 5 | 4 and 5 |
|  |  | n78 | n78 channel bandwidths in Table 5.3.5-1 |  |
|  | CA\_n3B | n3 | CA\_n3B\_BCS1 | 1 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| CA\_n3B-n78C | n788,9  CA\_n78C8  CA\_n3A-n78A8,14 | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n78 | CA\_n78C\_BCS0 |  |
|  | CA\_n3B | n3 | CA\_n3B\_BCS1 | 1 |
|  |  | n78 | CA\_n78C\_BCS1 |  |
| CA\_n3B-n78(2A) | n788,9  CA\_n3A-n78A8,14 | n3 | CA\_n3B\_BCS0 | 0 |
|  | CA\_n78(2A)8 | n78 | CA\_n78(2A)\_BCS0 |  |
|  | CA\_n3B | n3 | CA\_n3B\_BCS1 | 1 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  | CA\_n78(2A) | n3 | CA\_n3B\_BCS4 and 5 | 4 and 5 |
|  |  | n78 | CA\_n78(2A)\_BCS4 and 5 |  |
| CA\_n3B-n78(A-C) | CA\_n78C  CA\_n3A-n78A | n3 | CA\_n3B\_BCS1 | 0 |
|  |  | n78 | CA\_n78(A-C)\_BCS1 |  |
| CA\_n3A-n79A | n38  n798,9  CA\_n3A-n79A8 | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n3 | See n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n79 | See n79 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n3(2A)-n79A | CA\_n3A-n79A | n3 | CA\_n3(2A)\_BCS1 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n3 | CA\_n3(2A)\_BCS4 and 5 | 4 and 5 |
|  |  | n79 | See n79 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n3A-n79C | n38  n798,9  CA\_n79C8  CA\_n3A-n79A8 | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n79 | CA\_n79C\_BCS0 |  |
|  | CA\_n79C  CA\_n3A-n79A  CA\_n3A-n79C | n3 | See n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n79 | CA\_n79C\_BCS4 and 5 |  |
| CA\_n3(2A)-n79C | CA\_n3A-n79A | n3 | CA\_n3(2A)\_BCS1 | 0 |
|  |  | n79 | CA\_n79C\_BCS0 |  |
|  |  | n3 | CA\_n3(2A)\_BCS4 and 5 | 4 and 5 |
|  |  | n79 | CA\_n79C\_BCS4 and 5 |  |
| CA\_n3B-n79A | - | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n3 | CA\_n3B\_BCS4 and 5 | 4 and 5 |
|  |  | n79 | See n79 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n3B-n79C | - | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n79 | CA\_n79C\_BCS0 |  |
|  |  | n3 | CA\_n3B\_BCS4 and 5 | 4 and 5 |
|  |  | n79 | CA\_n79C\_BCS4 and 5 |  |
| CA\_n3A-n102A | CA\_n3A-n102A | n3 | 5, 10, 15, 20, 25, 30, 40, 45, 50 | 0 |
|  |  | n102 | 20, 40, 60, 80, 100 |  |
| CA\_n3A-n102(2A) | CA\_n3A-n102A | n3 | 5, 10, 15, 20, 25, 30, 40, 45, 50 | 0 |
|  |  | n102 | CA\_n102(2A)\_BCS0 |  |
| CA\_n3A-n102B | CA\_n3A-n102A  CA\_n3A-n102B | n3 | 5, 10, 15, 20, 25, 30, 40, 45, 50 | 0 |
|  |  | n102 | CA\_n102B\_BCS0 |  |
| CA\_n3A-n102C | CA\_n3A-n102A  CA\_n3A-n102C | n3 | 5, 10, 15, 20, 25, 30, 40, 45, 50 | 0 |
|  |  | n102 | CA\_n102C\_BCS0 |  |
| CA\_n3A-n102D | CA\_n3A-n102A | n3 | 5, 10, 15, 20, 25, 30, 40, 45, 50 | 0 |
|  |  | n102 | CA\_n102D\_BCS0 |  |
| CA\_n3A-n102E | CA\_n3A-n102A | n3 | 5, 10, 15, 20, 25, 30, 40, 45, 50 | 0 |
|  |  | n102 | CA\_n102E\_BCS0 |  |
| CA\_n3A-n104A | CA\_n3A-n104A | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | 0 |
|  |  | n104 | 20, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n3 | n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n104 | n104 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n3A-n104C | CA\_n104C  CA\_n3A-n104A  CA\_n3A-n104C | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | 0 |
|  |  | n104 | CA\_n104C\_BCS0 |  |
|  |  | n3 | n3 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n104 | CA\_n104C\_BCS 4 and 5 |  |
| CA\_n3A-n105A | CA\_n3A-n105A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n105 | 5, 10, 15, 20, 25, 30, 35 |  |

<UNCHANGED SECTIONS OMITTED>

Table 5.5A.3.1-1f: NR CA configurations and bandwidth combinations  
sets defined for inter-band CA (two bands)

| NR CA configuration | Uplink CA configuration or single uplink carrier10 | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| --- | --- | --- | --- | --- |
| CA\_n12A-n25A | CA\_n12A-n25A | n12 | 5, 10, 15 | 0 |
|  |  | n25 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n12 | n12 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n25 | n25 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n12A-n29A18 | - | n12 | n12 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n29 | n29 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n12A-n30A | CA\_n12A-n30A | n12 | 5, 10, 15 | 0 |
|  |  | n30 | 5, 10 |  |
| CA\_n12A-n41A | - | n12 | 5, 10, 15 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n12 | n12 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n41 | n41 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n12A-n48A | - | n12 | 5, 10, 15 | 0 |
|  |  | n48 | 10, 15, 20, 30, 40 |  |
| CA\_n12A-n66A | CA\_n12A-n66A | n12 | 5, 10, 15 | 0 |
|  |  | n66 | 5, 10, 15, 20, 40 |  |
|  |  | n12 | n12 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n66 | n66 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n12A-n66(2A) | CA\_n12A-n66A | n12 | 5, 10, 15 | 0 |
|  |  | n66 | CA\_n66(2A)\_BCS1 |  |
| CA\_n12A-n66(3A) | CA\_n12A-n66A | n12 | 5, 10, 15 | 0 |
|  |  | n66 | CA\_n66(3A)\_BCS0 |  |
| CA\_n12A-n71A | - | n12 | 5, 10, 15 | 0 |
|  |  | n71 | 5, 10, 15, 20 |  |
| CA\_n12A-n77A | n778, 9  CA\_n12A-n77A8 | n12 | 5, 10, 15 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n12 | n12 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n77 | n77 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n12A-n77B | CA\_n12A-n77A | n12 | n12 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n77 | CA\_n77B\_BCS 4 and 5 |  |
| CA\_n12A-n77C | CA\_n12A-n77A | n12 | n12 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n77 | CA\_n77C\_BCS 4 and 5 |  |
| CA\_n12A-n77(2A) | n778, 9  CA\_n12A-n77A8 | n12 | 5, 10, 15 | 0 |
|  |  | n77 | CA\_n77(2A)\_BCS1 |  |
| CA\_n12A-n78A | CA\_n12A-n78A | n12 | 5, 10, 15 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| CA\_n12A-n78(2A) | CA\_n12A-n78A | n12 | 5, 10, 15 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
| CA\_n13A-n25A | CA\_n13A-n25A | n13 | 5, 10 | 0 |
|  |  | n25 | 5, 10, 15, 20, 25, 30, 40 |  |
| CA\_n13A-n66A | CA\_n13A-n66A | n13 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 40 |  |
|  |  | n13 | 5, 10, | 1 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
| CA\_n13A-n66B | CA\_n13A-n66A | n13 | 5, 10 | 0 |
|  |  | n66 | CA\_n66B\_BCS0 |  |
| CA\_n13A-n66(2A) | CA\_n13A-n66A | n13 | 5, 10 | 0 |
|  |  | n66 | CA\_n66(2A)\_BCS1 |  |
| CA\_n13A-n77A | n778, 9  CA\_n13A-n77A8 | n13 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| CA\_n13A-n77(2A) | n778,9  CA\_n77(2A)8  CA\_n13A-n77A8 | n13 | 5, 10 | 0 |
|  |  | n77 | CA\_n77(2A)\_BCS1 |  |
| CA\_n13A-n77C | n778,9  CA\_n77C  CA\_n13A-n77A8 | n13 | 5, 10 | 0 |
|  |  | n77 | CA\_n77C\_BCS1 |  |
| CA\_n14A-n29A18 | - | n14 | n12 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n29 | n29 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n14A-n30A | n148  CA\_n14A-n30A | n14 | 5, 10 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n14 | n14 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n30 | n30 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n14A-n66A | n148  n668  CA\_n14A-n66A | n14 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n14 | n14 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n66 | n66 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n14A-n66(2A) | CA\_n14A-n66A | n14 | 5, 10 | 0 |
|  |  | n66 | CA\_n66(2A)\_BCS1 |  |
|  |  | n14 | n14 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n66 | CA\_n66(2A)\_BCS 4 and 5 |  |
| CA\_n14A-n66(3A) | CA\_n14A-n66A | n14 | 5, 10 | 0 |
|  |  | n66 | CA\_n66(3A)\_BCS0 |  |
| CA\_n14A-n77A | n148  n778, 9  CA\_n14A-n77A8 | n14 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n14 | n14 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n77 | n77 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n14A-n77(2A) | n778, 9  CA\_n14A-n77A8 | n14 | 5, 10 | 0 |
|  |  | n77 | CA\_n77(2A)\_BCS1 |  |
|  |  | n14 | n14 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n77 | CA\_n77(2A)\_BCS 4 and 5 |  |
| CA\_n18A-n28AX | CA\_n18A-n28A | n18 | 5, 10, 15 | 0 |
|  |  | n28 | 5, 10 |  |
|  |  | n18 | n18 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n28 | n28 channel bandwidths in Table 5.3.5-1 |
| CA\_n18A-n40A | CA\_n18A-n40A | n18 | 5, 10, 15 | 0 |
|  |  | n40 | 10, 15, 20, 30, 40 |  |
| CA\_n18A-n41A | n418,9  CA\_n18A-n41A8 | n18 | 5, 10, 15 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n18 | n18 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n41 | n41 channel bandwidths in Table 5.3.5-1 |
| CA\_n18A-n74A | CA\_n18A-n74A | n18 | 5, 10, 15 | 0 |
|  |  | n74 | 5, 10, 15, 20 |  |
| CA\_n18A-n77A | n778,9  CA\_n18A-n77A8 | n18 | 5, 10, 15 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n18 | See n18 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n77 | See n77 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n18A-n77(2A) | n778,9  CA\_n18A-n77A8  CA\_n77(2A)8 | n18 | 5, 10, 15 | 0 |
|  |  | n77 | CA\_n77(2A)\_BCS0 |  |
|  |  | n18 | See n18 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n77 | CA\_n77(2A)\_BCS4 and 5 |  |
| CA\_n18A-n77(3A) | n778,9  CA\_n18A-n77A8  CA\_n77(2A) | n18 | 5, 10, 15 | 0 |
|  |  | n77 | CA\_n77(3A)\_BCS1 |  |
|  | n778,9  CA\_n18A-n77A8 | n18 | n18 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n77 | CA\_n77(3A)\_BCS4 and 5 |
| CA\_n18A-n78A | CA\_n18A-n78A | n18 | 5, 10, 15 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n18 | See n18 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n78 | See n78 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n18A-n78(2A) | CA\_n18A-n78A | n18 | 5, 10, 15 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n18 | See n18 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n78 | CA\_n78(2A)\_BCS4 and 5 |  |

Table 5.5A.3.1-1g: NR CA configurations and bandwidth combinations  
sets defined for inter-band CA (two bands)

| NR CA configuration | Uplink CA configuration or single uplink carrier10 | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| --- | --- | --- | --- | --- |
| CA\_n20A-n28A | CA\_n20A-n28A | n20 | 5, 10, 15, 20 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n20 | 5, 10, 15, 20 | 1 |
|  |  | n28 | 5, 10, 15, 20, 30 |  |
|  |  | n20 | 5, 10, 15, 20 | 2 |
|  |  | n28 | 5, 10, 15, 20, 25, 30 |  |
| CA\_n20A-n40A | - | n20 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| CA\_n20A-n41A | CA\_n20A-n41A | n20 | 5,10,15,20 | 0 |
|  |  | n41 | 5,10,15,20,25,30,35,40,45,50,60,70,80,90,100 |  |
|  |  | n20 | n20 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n41 | n41 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n20A-n67A | - | n20 | 5, 10, 15, 20 | 0 |
|  |  | n67 | 5, 10, 15, 20 |  |
|  |  | n20 | n20 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n67 | n67 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n20A-n71A | CA\_n20A-n71A | n20 | 5,10,15,20 | 0 |
|  |  | n71 | 5,10,15,20 |  |
| CA\_n20A-n75A | - | n20 | 5, 10, 15, 20 | 0 |
|  |  | n75 | 5, 10, 15, 20 |  |
|  |  | n20 | 5, 10,15, 20 | 1 |
|  |  | n75 | 5, 10,15, 20, 25, 30, 40, 50 |  |
| CA\_n20A-n77A | CA\_n20A-n77A | n20 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| CA\_n20A-n77(2A) | CA\_n20A-n77A | n20 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A)\_BCS0 |  |
| CA\_n20A-n78A | CA\_n20A-n78A | n20 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n20 | See n20 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n78 | See n78 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n20A-n78C | - | n20 | 5, 10, 15, 20 | 0 |
|  |  | n78 | CA\_n78C\_BCS1 |  |
| CA\_n20A-n78(2A) | CA\_n20A-n78A  CA\_n78(2A) | n20 | See n20 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n78 | CA\_n78(2A)\_BCS4 and 5 |  |
| CA\_n24A-n41A | CA\_n24A-n41A | n24 | 5, 10 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n24 | See n24 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n41 | See n41 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n24A-n41(2A) | CA\_n24A-n41A | n24 | 5, 10 | 0 |
|  |  | n41 | CA\_n41(2A)\_BCS1 |  |
|  |  | n24 | See n24 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n41 | CA\_n41(2A)\_BCS4 and 5 |  |
| CA\_n24A-n48A | CA\_n24A-n48A | n24 | 5, 10 | 0 |
|  |  | n48 | 5, 10, 15, 20, 40, 506, 606, 806, 906, 1006 |  |
| CA\_n24A-n48B | CA\_n24A-n48A | n24 | 5, 10 | 0 |
|  |  | n48 | CA\_n48B\_BCS1 |  |
| CA\_n24A-n48(2A) | CA\_n24A-n48A | n24 | 5, 10 | 0 |
|  |  | n48 | CA\_n48(2A)\_BCS0 |  |
| CA\_n24A-n48(3A) | CA\_n24A-n48A | n24 | 5, 10 | 0 |
|  |  | n48 | CA\_n48(3A)\_BCS0 |  |
| CA\_n24A-n77A | CA\_n24A-n77A | n24 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n24 | See n24 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n77 | See n77 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n24A-n77C | CA\_n24A-n77A | n24 | 5, 10 | 0 |
|  |  | n77 | CA\_n77C\_BCS1 |  |
| CA\_n24A-n77(2A) | CA\_n24A-n77A | n24 | 5, 10 | 0 |
|  |  | n77 | CA\_n77(2A)\_BCS0 |  |
|  |  | n24 | See n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n77 | CA\_n77(2A)\_BCS4 and 5 |  |
| CA\_n25A-n29A | - | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n29 | 5, 10 |  |
|  |  | n25 | n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n29 | n29 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n25A-n38A | CA\_n25A-n38A | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n38 | 5, 10, 15, 20, 25, 30, 40 |  |
| CA\_n25(2A)-n38A | CA\_n25A-n38A | n25 | CA\_n25(2A)\_BCS0 | 0 |
|  |  | n38 | 5, 10, 15, 20, 25, 30, 40 |  |
| CA\_n25A-n41A | n258  n418,9  CA\_n25A-n41A8, 13,14 | n25 | 5, 10, 15, 20 | 0 |
|  |  | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n25 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n25 | See n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n41 | See n41 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n25(2A)-n41A | n258  n418,9  CA\_n25A-n41A8,13,14 | n25 | CA\_n25(2A)\_BCS0 | 0 |
|  |  | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n25 | CA\_n25(2A)\_BCS1 | 1 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n25 | CA\_n25(2A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n41 | See n41 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n25(2A)-n41C | n258  n418,9  CA\_n25A-n41A8  CA\_n25A-n41C  CA\_n41C8,9 | n25 | CA\_n25(2A)\_BCS1 | 0 |
|  |  | n41 | CA\_n41C\_BCS2 |  |
|  |  | n25 | CA\_n25(2A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n41 | CA\_n41C\_BCS 4 and 5 |  |
| CA\_n25(2A)-n41(2A) | n258  n418,9  CA\_n25A-n41A8 | n25 | CA\_n25(2A)\_BCS1 | 0 |
|  |  | n41 | CA\_n41(2A)\_BCS3 |  |
|  |  | n25 | CA\_n25(2A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n41 | CA\_n41(2A)\_BCS 4 and 5 |  |
| CA\_n25A-n41C | n258  n418,9  CA\_n25A-n41A8,13,14  CA\_n41C8,9 | n25 | 5, 10, 15, 20 | 0 |
|  |  | n41 | CA\_n41C\_BCS0 |  |
|  |  | n25 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n41 | CA\_n41C\_BCS1 |  |
|  | n258  n418,9  CA\_n25A-n41A8,13,14  CA\_n41C8,9  CA\_n25A-n41C8,13,14 | n25 | n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n41 | CA\_n41C\_BCS 4 and 5 |  |
| CA\_n25A-n41(2A) | n258  n418,9  CA\_n25A-n41A8,13,14 | n25 | 5, 10, 15, 20 | 0 |
|  |  | n41 | CA\_n41(2A)\_BCS1 |  |
|  |  | n25 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n41 | CA\_n41(2A)\_BCS3 |  |
|  |  | n25 | n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n41 | CA\_n41(2A)\_BCS 4 and 5 |  |
| CA\_n25A-n41(3A) | n258  n418,9  CA\_n25A-n41A8 | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | CA\_n41(3A)\_BCS0 |  |
|  |  | n25 | n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n41 | CA\_n41(3A)\_BCS 4 and 5 |  |
| CA\_n25A-n41(A-C) | n258  n418,9  CA\_n25A-n41A8  CA\_n25A-n41C  CA\_n41C8,9 | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | CA\_n41(A-C)\_BCS0 |  |
|  |  | n25 | n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n41 | CA\_n41(A-C)\_BCS 4 and 5 |  |
| CA\_n25(2A)-n41(3A) | n258  n418,9  CA\_n25A-n41A8 | n25 | CA\_n25(2A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n41 | CA\_n41(3A)\_BCS 4 and 5 |  |
| CA\_n25(2A)-n41(A-C) | n258  n418,9  CA\_n41C8  CA\_n25A-n41A8  CA\_n25A-n41C | n25 | CA\_n25(2A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n41 | CA\_n41(A-C)\_BCS 4 and 5 |  |
| CA\_n25A-n46A | - | n25 | 5, 10, 15, 20 | 0 |
|  |  | n46 | 20, 40, 60, 80 |  |
| CA\_n25A-n48A | CA\_n25A-n48A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n48 | 5, 10, 15, 20, 40, 506, 606, 806, 906, 1006 |  |
|  |  | n25 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n48 | 5, 10, 15, 20, 40, 506, 606, 806, 906, 1006 |  |
| CA\_n25A-n48(2A) | CA\_n25A-n48A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n48 | CA\_n48(2A)\_BCS0 |  |
|  |  | n25 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n48 | CA\_n48(2A)\_BCS0 |  |
| CA\_n25A-n48C | CA\_n25A-n48A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n48 | CA\_n48C\_BCS0 |  |
|  |  | n25 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n48 | CA\_n48C\_BCS0 |  |
| CA\_n25A-n66A | n258  n668  CA\_n25A-n66A8 | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n66 | 5, 10, 15, 20, 30, 40 |  |
|  |  | n25 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n25 | n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n66 | n66 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n25A-n66(2A) | n258  n668  CA\_n25A-n66A8 | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n66 | CA\_n66(2A)\_BCS0 |  |
|  |  | n25 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n66 | CA\_n66(2A)\_BCS1 |  |
|  |  | n25 | n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n66 | CA\_n66(2A)\_BCS 4 and 5 |  |
| CA\_n25(2A)-n66A | n258  n668  CA\_n25A-n66A8 | n25 | CA\_n25(2A)\_BCS0 | 0 |
|  |  | n66 | 10, 15, 20, 30, 40 |  |
|  |  | n25 | CA\_n25(2A)\_BCS0 | 1 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n25 | CA\_n25(2A)\_BCS1 | 2 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n25 | CA\_n25(2A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n66 | n66 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n25(2A)-n66(2A) | n258  n668  CA\_n25A-n66A8 | n25 | CA\_n25(2A)\_BCS0 | 0 |
|  |  | n66 | CA\_n66(2A)\_BCS0 |  |
|  |  | n25 | CA\_n25(2A)\_BCS0 | 1 |
|  |  | n66 | CA\_n66(2A)\_BCS1 |  |
|  |  | n25 | CA\_n25(2A)\_BCS1 | 2 |
|  |  | n66 | CA\_n66(2A)\_BCS1 |  |
|  |  | n25 | CA\_n25(2A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n66 | CA\_n66(2A)\_BCS 4 and 5 |  |
| CA\_n25(3A)-n66A | n258  n668  CA\_n25A-n66A8 | n25 | CA\_n25(3A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n66 | n66 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n25(3A)-n66(2A) | CA\_n25A-n66A | n25 | CA\_n25(3A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n66 | CA\_n66(2A)\_BCS 4 and 5 |  |
| CA\_n25A-n71A | n258  n718  CA\_n25A-n71A8 | n25 | 5, 10, 15, 20 | 0 |
|  |  | n71 | 5, 10, 15, 20 |  |
|  |  | n25 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n71 | 5, 10, 15, 20 |  |
|  |  | n25 | n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n71 | n71 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n25A-n71B | n258  n718  CA\_n25A-n71A8 | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n71 | CA\_n71B\_BCS0 |  |
|  |  | n25 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n71 | CA\_n71B\_BCS2 |  |
|  |  | n25 | n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n71 | CA\_n71B\_BCS 4 and 5 |  |
| CA\_n25A-n71(2A) | n258  n718  CA\_n25A-n71A8 | n25 | 5, 10, 15, 20 | 0 |
|  |  | n71 | CA\_n71(2A)\_BCS0 |  |
|  |  | n25 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n71 | CA\_n71(2A)\_BCS0 |  |
|  |  | n25 | n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n71 | CA\_n71(2A)\_BCS 4 and 5 |  |
| CA\_n25(2A)-n71A | n258  n718  CA\_n25A-n71A8 | n25 | CA\_n25(2A)\_BCS1 | 0 |
|  |  | n71 | 5, 10, 15, 20 |  |
|  |  | n25 | CA\_n25(2A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n71 | n71 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n25(2A)-n71(2A) | n258  n718  CA\_n25A-n71A8 | n25 | CA\_n25(2A)\_BCS1 | 0 |
|  |  | n71 | CA\_n71(2A)\_BCS0 |  |
|  |  | n25 | CA\_n25(2A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n71 | CA\_n71(2A)\_BCS 4 and 5 |  |
| CA\_n25(2A)-n71B | n258  n718  CA\_n25A-n71A8 | n25 | CA\_n25(2A)\_BCS1 | 0 |
|  |  | n71 | CA\_n71B\_BCS2 |  |
|  |  | n25 | CA\_n25(2A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n71 | CA\_n71B\_BCS 4 and 5 |  |
| CA\_n25(3A)-n71A | n258  n718  CA\_n25A-n71A8 | n25 | CA\_n25(3A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n71 | n71 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n25(3A)-n71(2A) | CA\_n25A-n71A | n25 | CA\_n25(3A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n71 | CA\_n71(2A)\_BCS 4 and 5 |  |
| CA\_n25(3A)-n71B | CA\_n25A-n71A | n25 | CA\_n25(3A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n71 | CA\_n71B\_BCS 4 and 5 |  |
| CA\_n25A-n77A | n258  n778,9  CA\_n25A-n77A8,13,14 | n25 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n25 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n25 | n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n77 | n77 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n25A-n77(2A) | n258  n778,9  CA\_n77(2A)8  CA\_n25A-n77A8,13,14 | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n77 | CA\_n77(2A)\_BCS1 |  |
|  |  | n25 | n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n77 | CA\_n77(2A)\_BCS 4 and 5 |  |
| CA\_n25A-n77(3A) | n778,9  CA\_n77(2A)8  CA\_n25A-n77A8 | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n77 | CA\_n77(3A)\_BCS1 |  |
|  |  | n25 | n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n77 | CA\_n77(3A)\_BCS4 and 5 |  |
| CA\_n25(2A)-n77A | n258  n778,9  CA\_n25A-n77A8,13,14 | n25 | CA\_n25(2A)\_BCS1 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n25 | CA\_n25(2A)\_BCS0 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n25 | CA\_n25(2A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n77 | n77 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n25(2A)-n77(2A) | n258  n778,9  CA\_n25(2A)  CA\_n77(2A)8  CA\_n25A-n77A8 | n25 | CA\_n25(2A)\_BCS1 | 0 |
|  |  | n77 | CA\_n77(2A)\_BCS1 |  |
|  |  | n25 | CA\_n25(2A)\_BCS0 | 1 |
|  |  | n77 | CA\_n77(2A)\_BCS1 |  |
|  |  | n25 | CA\_n25(2A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n77 | CA\_n77(2A)\_BCS 4 and 5 |  |
| CA\_n25(2A)-n77(3A) | n778,9  CA\_n25(2A)  CA\_n77(2A)8  CA\_n25A-n77A8 | n25 | CA\_n25(2A)\_BCS0 | 0 |
|  |  | n77 | CA\_n77(3A)\_BCS1 |  |
| CA\_n25A-n78A | n788,9  CA\_n25A-n78A8 | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n25 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n25 | See n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n78 | See n78 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n25A-n78(2A) | n788,9  CA\_n25A-n78A8 | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS0 |  |
|  | CA\_n78(2A)8 | n25 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  | - | n25 | See n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n78 | CA\_n78(2A)\_BCS4 and 5 |  |
| CA\_n25(2A)-n78A | n788,9  CA\_n25A-n78A8 | n25 | CA\_n25(2A)\_BCS0 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n25 | CA\_n25(2A)\_BCS0 | 1 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n25 | CA\_n25(2A)\_BCS4 and 5 | 4 and 5 |
|  |  | n78 | See n78 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n25(2A)-n78(2A) | n788,9  CA\_n25A-n78A8 | n25 | CA\_n25(2A)\_BCS0 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS1 |  |
|  |  | n25 | CA\_n25(2A)\_BCS0 | 1 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n25 | CA\_n25(2A)\_BCS4 and 5 | 4 and 5 |
|  |  | n78 | CA\_n78(2A)\_BCS4 and 5 |  |
| CA\_n25A-n85A | n258  CA\_n25A-n85A8 | n25 | See n25 channel bandwidths in Table 5.3.5-1 | 4 and 5 |
|  |  | n85 | See n85 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n25(2A)-n85A | CA\_n25A-n85A | n25 | CA\_n25(2A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n85 | See n85 channel bandwidths in Table 5.3.5-1 |  |
| CA\_n25(3A)-n85A | CA\_n25A-n85A | n25 | CA\_n25(3A)\_BCS 4 and 5 | 4 and 5 |
|  |  | n85 | n85 channel bandwidths in Table 5.3.5-1 |  |

<UNCHANGED TEST OMITTED>

The following notes are applied to the above tables:

NOTE 1: This UE channel bandwidth is applicable only to downlink.

NOTE 2: The minimum requirements for intra-band contiguous or non-contiguous CA apply.

NOTE 3: For each channel bandwidth of each component carrier, refer to Table 5.3.5-1 for the applicable SCSs. For a given band, not all UE channel bandwidths support the same SCSs.

NOTE 4: This UE channel bandwidth is optional in this release of the specification.

NOTE 5: For this bandwidth, the minimum requirements are restricted to operation when carrier is configured as an SCell part of DC or CA configuration.

NOTE 6: For this bandwidth, the minimum requirements are restricted to operation when carrier is configured as an downlink SCell part of CA configuration

NOTE 7: Limited to operation at 3450-3550 MHz and 3700–3980 MHz.

NOTE 8: Minimum requirements for Power Class 2 are applicable for this uplink CA configuration according to clause 6.2A.1.1 or 6.2A.1.2 or 6.2A.1.3 or single uplink carrier configuration according to clauses 6.2.1 or 6.2D.1 or 6.2G.1 in this downlink/uplink combination.

NOTE 9: Minimum requirements for Power Class 1.5 are applicable for this uplink CA configuration according to clause 6.2A.1.3 or single uplink carrier according to clauses 6.2.1 or 6.2D.1 or 6.2G.1 in this downlink/uplink combination.

NOTE 10: Only single uplink carriers with power class other than PC3 are listed.

NOTE 11: The CA configurations are given in Table 5.5A.1-1 or Table 5.5A.2-1 in this specification

NOTE 12: Void.

NOTE 13: Minimum requirements for Power Class 2 are applicable for this uplink CA configuration according to clause 6.2H.3.1 or 6.2L.3.1.

NOTE 14 Minimum requirements for Power Class 1.5 are applicable for this uplink CA configuration according to clause 6.2H.3.1 or 6.2L.3.1.

NOTE 15: Uplink is only in n5 for CA\_n5-n8.

NOTE 16: For UEs only supporting DL CA\_n26-n28, uplink support in band n26 is optional, if the UE supports CA\_n26-n28 UL configuration, it should also support UL in band n26 and n28.

NOTE 17: The UEs is allowed to indicate support of low NR band carrier aggregation via switching *supportedLowBandSwitching-r19* for this NR CA configuration

NOTE 18: Applicable only for UEs which indicate support of low NR band carrier aggregation via switching *supportedLowBandSwitching-r19* for this NR CA configuration

NOTE X: The frequency range in band n28 is restricted for this band combination to 718-748 MHz for the UL and 773-803 MHz for the DL

<END OF CHANGES>