**3GPP TSG-RAN WG4 Meeting #104-e R4-2213106**

**Electronic Meeting, 15 August – 26 August 2022**

|  |
| --- |
| *CR-Form-v12.2* |
| **DRAFT CHANGE REQUEST** |
|  |
|  | **38.101-3** | **CR** |  | **rev** |  | **Current version:** | **17.6.0** |  |
|  |
| *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)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network |  |

|  |
| --- |
|  |
| ***Title:***  | draft CR to add CA\_n28-n258 and DC\_n28-n258 |
|  |  |
| ***Source to WG:*** | Ericsson, Telstra |
| ***Source to TSG:*** | R4 |
|  |  |
| ***Work item code:*** | NR\_CADC\_R18\_2BDL\_xBUL |  | ***Date:*** | 2022-08-10 |
|  |  |  |  |  |
| ***Category:*** | B |  | ***Release:*** | Rel-18 |
|  | *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)* |
|  |  |
| ***Reason for change:*** | Adding new band combination |
|  |  |
| ***Summary of change:*** | Adding CA\_n28-n258 and DC\_n28-n258 |
|  |  |
| ***Consequences if not approved:*** | New band combination are not added |
|  |  |
| ***Clauses affected:*** | 5.5 |
|  |  |
|  | **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 ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

---Start of changes---

Table 5.5A.1-1h: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration  | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n28A-n257A | CA\_n28A-n257A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n28A-n257D | CA\_n28A-n257ACA\_n28A-n257D | n28 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n28A-n257G | CA\_n257GCA\_n28A-n257ACA\_n28A-n257G | n28 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n257H | CA\_n257GCA\_n257HCA\_n28A-n257ACA\_n28A-n257GCA\_n28A-n257H | n28 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n257I | CA\_n257GCA\_n257HCA\_n257ICA\_n28A-n257ACA\_n28A-n257GCA\_n28A-n257HCA\_n28A-n257I | n28 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n28A-n258A | CA\_n28A-n258A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n28A-n258B | CA\_n28A-n258A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258B |  |
| CA\_n28A-n258C | CA\_n28A-n258A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258C |  |
| CA\_n28A-n258D | CA\_n28A-n258A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258D |  |
| CA\_n28A-n258E | CA\_n28A-n258A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258E |  |
| CA\_n28A-n258F | CA\_n28A-n258A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258F |  |
| CA\_n28A-n258G | CA\_n28A-n258ACA\_n28A-n258G | n28 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n28A-n258H | CA\_n28A-n258ACA\_n28A-n258GCA\_n28A-n258H | n28 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n28A-n258I | CA\_n28A-n258ACA\_n28A-n258GCA\_n28A-n258HCA\_n28A-n258I | n28 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258I |  |
| CA\_n28A-n258J | CA\_n28A-n258ACA\_n28A-n258GCA\_n28A-n258HCA\_n28A-n258I | n28 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258J |  |
| CA\_n28A-n258K | CA\_n28A-n258ACA\_n28A-n258GCA\_n28A-n258HCA\_n28A-n258I | n28 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258K |  |
| CA\_n28A-n258L | CA\_n28A-n258ACA\_n28A-n258GCA\_n28A-n258HCA\_n28A-n258I | n28 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258L |  |
| CA\_n28A-n258M | CA\_n28A-n258ACA\_n28A-n258GCA\_n28A-n258HCA\_n28A-n258I | n28 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258M |  |
| CA\_n30A-n260A | CA\_n30A-n260A | n30 | 5, 10 | 0 |
| n260 | 50, 100, 200, 400 |  |
| CA\_n30A-n260G | CA\_n30A-n260ACA\_n30A-n260G | n30 | 5, 10 | 0 |
| n260 | CA\_n260G |  |
| CA\_n30A-n260H | CA\_n30A-n260ACA\_n30A-n260GCA\_n30A-n260H | n30 | 5, 10 | 0 |
| n260 | CA\_n260H |  |
| CA\_n30A-n260I | CA\_n30A-n260ACA\_n30A-n260GCA\_n30A-n260HCA\_n30A-n260I | n30 | 5, 10 | 0 |
| n260 | CA\_n260I |  |
| CA\_n30A-n260J | CA\_n30A-n260ACA\_n30A-n260GCA\_n30A-n260HCA\_n30A-n260ICA\_n30A-n260J | n30 | 5, 10 | 0 |
| n260 | CA\_n260J |  |
| CA\_n30A-n260K | CA\_n30A-n260ACA\_n30A-n260GCA\_n30A-n260HCA\_n30A-n260ICA\_n30A-n260JCA\_n30A-n260K | n30 | 5, 10 | 0 |
| n260 | CA\_n260K |  |
| CA\_n30A-n260L | CA\_n30A-n260ACA\_n30A-n260GCA\_n30A-n260HCA\_n30A-n260ICA\_n30A-n260JCA\_n30A-n260KCA\_n30A-n260L | n30 | 5, 10 | 0 |
| n260 | CA\_n260L |  |
| CA\_n30A-n260M | CA\_n30A-n260ACA\_n30A-n260GCA\_n30A-n260HCA\_n30A-n260ICA\_n30A-n260JCA\_n30A-n260KCA\_n30A-n260LCA\_n30A-n260M | n30 | 5, 10 | 0 |
| n260 | CA\_n260M |  |
| CA\_n34A-n258A | CA\_n34A-n258A | n34 | 5, 10, 15 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n38A-n257A | CA\_ n38A-n257A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n38A-n257G | CA\_n38A-n257A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n38A-n257H | CA\_n38A-n257A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n38A-n257I | CA\_n38A-n257A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n38A-n257J | CA\_n38A-n257A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n38A-n257K | CA\_n38A-n257A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n38A-n257L | CA\_n38A-n257A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n38A-n257M | CA\_n38A-n257A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n38A-n258A | CA\_ n38A-n258A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n38A-n258G | CA\_n38A-n258A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n38A-n258H | CA\_n38A-n258A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n38A-n258I | CA\_n38A-n258A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258I |  |
| CA\_n38A-n258J | CA\_n38A-n258A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258J |  |
| CA\_n38A-n258K | CA\_n38A-n258A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258K |  |
| CA\_n38A-n258L | CA\_n38A-n258A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258L |  |
| CA\_n38A-n258M | CA\_n38A-n258A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258M |  |
| CA\_n39A-n258A | CA\_n39A-n258A | n39 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |

Table 5.5A.1-1i: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration  | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n40A-n257A | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n40A-n257D | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n40A-n257E | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n40A-n257F | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n40A-n257G | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n40A-n257H | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n40A-n257I | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n40A-n257J | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n40A-n257K | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n40A-n257L | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n40A-n257M | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n40B-n257A | CA\_n40BCA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257A |  |
| CA\_n40B-n257D | CA\_n40BCA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n40B-n257E | CA\_n40BCA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n40B-n257F | CA\_n40BCA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n40B-n257G | CA\_n40BCA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n40B-n257H | CA\_n40BCA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n40B-n257I | CA\_n40BCA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n40B-n257J | CA\_n40BCA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n40B-n257K | CA\_n40BCA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n40B-n257L | CA\_n40BCA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n40B-n257M | CA\_n40BCA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n40A-n258A | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n40A-n258D | CA\_n40A-n258A | n40 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258D |  |
| CA\_n40A-n258E | CA\_n40A-n258A | n40 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258E |  |
| CA\_n40A-n258F | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258F |  |
| CA\_n40A-n258G | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n40A-n258H | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n40A-n258I | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258I |  |
| CA\_n40A-n258J | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258J |  |
| CA\_n40A-n258K | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258K |  |
| CA\_n40A-n258L | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258L |  |
| CA\_n40A-n258M | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258M |  |

---Text omitted---

Table 5.5B.7-1: Inter-band NR-DC configurations between FR1 and FR2 (two bands)

| **Downlink NR DC****configuration** | **Uplink NR DC****configuration** |
| --- | --- |
| DC\_n1A-n257ADC\_n1A-n257DDC\_n1A-n257GDC\_n1A-n257HDC\_n1A-n257IDC\_n1A-n257JDC\_n1A-n257KDC\_n1A-n257LDC\_n1A-n257M | DC\_n1A-n257ADC\_n1A-n257DDC\_n1A-n257GDC\_n1A-n257HDC\_n1A-n257IDC\_n1A-n257JDC\_n1A-n257K |
| DC\_n1A-n258ADC\_n1A-n258BDC\_n1A-n258CDC\_n1A-n258DDC\_n1A-n258EDC\_n1A-n258FDC\_n1A-n258GDC\_n1A-n258HDC\_n1A-n258IDC\_n1A-n258JDC\_n1A-n258KDC\_n1A-n258LDC\_n1A-n258M | DC\_n1A-n258A |
| DC\_n2A-n260ADC\_n2A-n260GDC\_n2A-n260HDC\_n2A-n260IDC\_n2A-n260JDC\_n2A-n260KDC\_n2A-n260LDC\_n2A-n260M | DC\_n2A-n260ADC\_n2A-n260GDC\_n2A-n260HDC\_n2A-n260IDC\_n2A-n260JDC\_n2A-n260KDC\_n2A-n260LDC\_n2A-n260M |
| DC\_n2(2A)-n260ADC\_n2(2A)-n260GDC\_n2(2A)-n260HDC\_n2(2A)-n260IDC\_n2(2A)-n260JDC\_n2(2A)-n260KDC\_n2(2A)-n260LDC\_n2(2A)-n260M | DC\_n2A-n260ADC\_n2A-n260GDC\_n2A-n260HDC\_n2A-n260IDC\_n2A-n260JDC\_n2A-n260KDC\_n2A-n260LDC\_n2A-n260M |
| DC\_n2A-n261ADC\_n2A-n261GDC\_n2A-n261HDC\_n2A-n261IDC\_n2A-n261JDC\_n2A-n261KDC\_n2A-n261LDC\_n2A-n261M | DC\_n2A-n261ADC\_n2A-n261GDC\_n2A-n261HDC\_n2A-n261I |
| DC\_n2A-n261(2A)DC\_n2A-n261(3A)DC\_n2A-n261(4A)DC\_n2A-n261(2G)DC\_n2A-n261(2H)DC\_n2A-n261(2I)DC\_n2A-n261(A-G)DC\_n2A-n261(A-H)DC\_n2A-n261(A-I)DC\_n2A-n261(A-J)DC\_n2A-n261(A-K)DC\_n2A-n261(A-L)DC\_n2A-n261(G-H)DC\_n2A-n261(H-I)DC\_n2A-n261(G-I)DC\_n2A-n261(A-G-H)DC\_n2A-n261(A-G-I)DC\_n2A-n261(2A-H)DC\_n2A-n261(2A-G)DC\_n2A-n261(2A-I)DC\_n2A-n261(A-2G) | DC\_n2A-n261ADC\_n2A-n261GDC\_n2A-n261HDC\_n2A-n261I |
| DC\_n3A-n257A1DC\_n3A-n257D1DC\_n3A-n257G1DC\_n3A-n257H1DC\_n3A-n257I1 | DC\_n3A-n257ADC\_n3A-n257DDC\_n3A-n257GDC\_n3A-n257HDC\_n3A-n257I |
| DC\_n3A-n257(2A)DC\_n3(2A)-n257ADC\_n3(2A)-n257GDC\_n3(2A)-n257HDC\_n3(2A)-n257I | DC\_n3A-n257ADC\_n3A-n257GDC\_n3A-n257IDC\_n3A-n257HDC\_n3A-n257(2A) |
| DC\_n3A-n258ADC\_n3A-n258BDC\_n3A-n258CDC\_n3A-n258DDC\_n3A-n258EDC\_n3A-n258FDC\_n3A-n258GDC\_n3A-n258HDC\_n3A-n258IDC\_n3A-n258JDC\_n3A-n258KDC\_n3A-n258LDC\_n3A-n258M | DC\_n3A-n258A |
| DC\_n3A-n258(2A) | DC\_n3A-n258ADC\_n3A-n258(2A) |
| DC\_n5A-n260ADC\_n5A-n260GDC\_n5A-n260HDC\_n5A-n260IDC\_n5A-n260JDC\_n5A-n260KDC\_n5A-n260LDC\_n5A-n260M | DC\_n5A-n260ADC\_n5A-n260GDC\_n5A-n260HDC\_n5A-n260IDC\_n5A-n260JDC\_n5A-n260KDC\_n5A-n260LDC\_n5A-n260M |
| DC\_n5A-n261ADC\_n5A-n261GDC\_n5A-n261HDC\_n5A-n261IDC\_n5A-n261JDC\_n5A-n261KDC\_n5A-n261LDC\_n5A-n261M | DC\_n5A-n261ADC\_n5A-n261GDC\_n5A-n261HDC\_n5A-n261I |
| DC\_n5A-n261(2A)DC\_n5A-n261(3A)DC\_n5A-n261(4A)DC\_n5A-n261(2G)DC\_n5A-n261(2H)DC\_n5A-n261(2I)DC\_n5A-n261(A-G)DC\_n5A-n261(A-H)DC\_n5A-n261(A-I)DC\_n5A-n261(A-J)DC\_n5A-n261(A-K)DC\_n5A-n261(A-L)DC\_n5A-n261(G-H)DC\_n5A-n261(H-I)DC\_n5A-n261(G-I)DC\_n5A-n261(A-G-H)DC\_n5A-n261(A-G-I)DC\_n5A-n261(2A-H)DC\_n5A-n261(2A-G)DC\_n5A-n261(2A-I)DC\_n5A-n261(A-2G) | DC\_n5A-n261ADC\_n5A-n261GDC\_n5A-n261HDC\_n5A-n261I |
| DC\_n7A-n258ADC\_n7A-n258BDC\_n7A-n258CDC\_n7A-n258DDC\_n7A-n258EDC\_n7A-n258FDC\_n7A-n258GDC\_n7A-n258HDC\_n7A-n258IDC\_n7A-n258JDC\_n7A-n258KDC\_n7A-n258LDC\_n7A-n258MDC\_n7B-n258ADC\_n7B-n258BDC\_n7B-n258CDC\_n7B-n258DDC\_n7B-n258EDC\_n7B-n258FDC\_n7B-n258GDC\_n7B-n258HDC\_n7B-n258IDC\_n7B-n258JDC\_n7B-n258KDC\_n7B-n258LDC\_n7B-n258M | DC\_n7A-n258ADC\_n7A-n258GDC\_n7A-n258HDC\_n7A-n258IDC\_n7B-n258ADC\_n7B-n258GDC\_n7B-n258HDC\_n7B-n258I |
| DC\_n8A-n257ADC\_n8A-n257DDC\_n8A-n257EDC\_n8A-n257FDC\_n8A-n257GDC\_n8A-n257HDC\_n8A-n257IDC\_n8A-n257JDC\_n8A-n257KDC\_n8A-n257LDC\_n8A-n257M | DC\_n8A-n257ADC\_n8A-n257GDC\_n8A-n257HDC\_n8A-n257IDC\_n8A-n257JDC\_n8A-n257K |
| DC\_n8A-n258ADC\_n8A-n258BDC\_n8A-n258CDC\_n8A-n258DDC\_n8A-n258EDC\_n8A-n258FDC\_n8A-n258GDC\_n8A-n258HDC\_n8A-n258IDC\_n8A-n258JDC\_n8A-n258KDC\_n8A-n258LDC\_n8A-n258M | DC\_n8A-n258A |
| DC\_n12A-n260ADC\_n12A-n260GDC\_n12A-n260HDC\_n12A-n260IDC\_n12A-n260JDC\_n12A-n260KDC\_n12A-n260LDC\_n12A-n260M | DC\_n12A-n260ADC\_n12A-n260GDC\_n12A-n260HDC\_n12A-n260IDC\_n12A-n260JDC\_n12A-n260KDC\_n12A-n260LDC\_n12A-n260M |
| DC\_n14A-n260ADC\_n14A-n260GDC\_n14A-n260HDC\_n14A-n260IDC\_n14A-n260JDC\_n14A-n260KDC\_n14A-n260LDC\_n14A-n260M | DC\_n14A-n260ADC\_n14A-n260GDC\_n14A-n260HDC\_n14A-n260IDC\_n14A-n260JDC\_n14A-n260KDC\_n14A-n260LDC\_n14A-n260M |
| DC\_n18A-n257ADC\_n18A-n257GDC\_n18A-n257HDC\_n18A-n257I | DC\_n18A-n257ADC\_n18A-n257GDC\_n18A-n257HDC\_n18A-n257I |
| DC\_n25A-n258ADC\_n25A-n258GDC\_n25A-n258H | DC\_n25A-n258ADC\_n25A-n258GDC\_n25A-n258H |
| DC\_n25A-n258(2A)DC\_n25A-n258(3A)DC\_n25A-n258(4A)DC\_n25A-n258(5A)DC\_n25A-n258(2G)DC\_n25A-n258(A-G)DC\_n25A-n258(A-H)DC\_n25A-n258(G-H) | DC\_n25A-n258ADC\_n25A-n258GDC\_n25A-n258H |
| DC\_n25A-n260ADC\_n25A-n260GDC\_n25A-n260HDC\_n25A-n260IDC\_n25A-n260JDC\_n25A-n260KDC\_n25A-n260LDC\_n25A-n260M | DC\_n25A-n260A |
| DC\_n25A-n260(2A)DC\_n25A-n260(3A)DC\_n25A-n260(4A)DC\_n25A-n260(5A)DC\_n25A-n260(6A)DC\_n25A-n260(7A)DC\_n25A-n260(8A) | DC\_n25A-n260A |
| DC\_n25A-n261A | DC\_n25A-n261A |
| DC\_n25A-n261(2A) | DC\_n25A-n261A |
| DC\_n28A-n257ADC\_n28A-n257DDC\_n28A-n257GDC\_n28A-n257HDC\_n28A-n257I | DC\_n28A-n257ADC\_n28A-n257DDC\_n28A-n257GDC\_n28A-n257HDC\_n28A-n257I |
| DC\_n28A-n258ADC\_n28A-n258BDC\_n28A-n258CDC\_n28A-n258DDC\_n28A-n258EDC\_n28A-n258FDC\_n28A-n258GDC\_n28A-n258HDC\_n28A-n258IDC\_n28A-n258JDC\_n28A-n258KDC\_n28A-n258LDC\_n28A-n258M | DC\_n28A-n258ADC\_n28A-n258GDC\_n28A-n258HDC\_n28A-n258I |
| DC\_n30A-n260ADC\_n30A-n260GDC\_n30A-n260HDC\_n30A-n260IDC\_n30A-n260JDC\_n30A-n260KDC\_n30A-n260LDC\_n30A-n260M | DC\_n30A-n260ADC\_n30A-n260GDC\_n30A-n260HDC\_n30A-n260IDC\_n30A-n260JDC\_n30A-n260KDC\_n30A-n260LDC\_n30A-n260M |
| DC\_n40A-n257ADC\_n40A-n257DDC\_n40A-n257EDC\_n40A-n257FDC\_n40A-n257GDC\_n40A-n257HDC\_n40A-n257IDC\_n40A-n257JDC\_n40A-n257KDC\_n40A-n257LDC\_n40A-n257M | DC\_n40A-n257ADC\_n40A-n257GDC\_n40A-n257HDC\_n40A-n257IDC\_n40A-n257JDC\_n40A-n257KDC\_n40A-n257LDC\_n40A-n257M |
| DC\_n40A-n258ADC\_n40A-n258GDC\_n40A-n258HDC\_n40A-n258IDC\_n40A-n258JDC\_n40A-n258KDC\_n40A-n258LDC\_n40A-n258M | DC\_n40A-n258A |
| DC\_n41A-n257ADC\_n41A-n257GDC\_n41A-n257HDC\_n41A-n257I | DC\_n41A-n257ADC\_n41A-n257GDC\_n41A-n257HDC\_n41A-n257I |
| DC\_n41(2A)-n257ADC\_n41(2A)-n257GDC\_n41(2A)-n257HDC\_n41(2A)-n257I | DC\_n41A-n257ADC\_n41A-n257GDC\_n41A-n257IDC\_n41A-n257H |
| DC\_n41A-n258ADC\_n41A-n258GDC\_n41A-n258HDC\_n41C-n258ADC\_n41C-n258GDC\_n41C-n258H | DC\_n41A-n258ADC\_n41A-n258GDC\_n41A-n258H |
| DC\_n41A-n258(2A)DC\_n41A-n258(3A)DC\_n41A-n258(4A)DC\_n41A-n258(5A)DC\_n41C-n258(2A)DC\_n41C-n258(3A)DC\_n41C-n258(4A)DC\_n41C-n258(5A)DC\_n41(2A)-n258ADC\_n41(2A)-n258GDC\_n41(2A)-n258HDC\_n41(2A)-n258(2A)DC\_n41(2A)-n258(3A)DC\_n41(2A)-n258(4A)DC\_n41(2A)-n258(5A)DC\_n41A-n258(2G)DC\_n41C-n258(2G)DC\_n41(2A)-n258(2G)DC\_n41A-n258(A-G)DC\_n41C-n258(A-G)DC\_n41(2A)-n258(A-G)DC\_n41A-n258(A-H)DC\_n41C-n258(A-H)DC\_n41(2A)-n258(A-H)DC\_n41A-n258(G-H)DC\_n41C-n258(G-H)DC\_n41(2A)-n258(G-H) | DC\_n41A-n258ADC\_n41A-n258GDC\_n41A-n258H |
| DC\_n41A-n260ADC\_n41A-n260GDC\_n41A-n260HDC\_n41A-n260IDC\_n41A-n260JDC\_n41A-n260KDC\_n41A-n260LDC\_n41A-n260MDC\_n41C-n260ADC\_n41C-n260GDC\_n41C-n260HDC\_n41C-n260IDC\_n41C-n260JDC\_n41C-n260KDC\_n41C-n260LDC\_n41C-n260M | DC\_n41A-n260A |
| DC\_n41A-n260(2A)DC\_n41A-n260(3A)DC\_n41A-n260(4A)DC\_n41A-n260(5A)DC\_n41A-n260(6A)DC\_n41A-n260(7A)DC\_n41A-n260(8A)DC\_n41(2A)-n260ADC\_n41(2A)-n260(2A)DC\_n41(2A)-n260(3A)DC\_n41(2A)-n260(4A)DC\_n41(2A)-n260(5A)DC\_n41(2A)-n260(6A)DC\_n41(2A)-n260(7A)DC\_n41(2A)-n260(8A)DC\_n41(2A)-n260GDC\_n41(2A)-n260HDC\_n41(2A)-n260IDC\_n41(2A)-n260JDC\_n41(2A)-n260KDC\_n41(2A)-n260LDC\_n41(2A)-n260MDC\_n41C-n260(2A)DC\_n41C-n260(3A)DC\_n41C-n260(4A)DC\_n41C-n260(5A)DC\_n41C-n260(6A)DC\_n41C-n260(7A)DC\_n41C-n260(8A) | DC\_n41A-n260A |
| DC\_n41A-n261ADC\_n41C-n261A | DC\_n41A-n261A |
| DC\_n41A-n261(2A)DC\_n41C-n261(2A)DC\_n41(2A)-n261ADC\_n41(2A)-n261(2A) | DC\_n41A-n261A |
| DC\_n48A-n260ADC\_n48A-n260GDC\_n48A-n260HDC\_n48A-n260IDC\_n48A-n260JDC\_n48A-n260KDC\_n48A-n260LDC\_n48A-n260MDC\_n48B-n260ADC\_n48B-n260GDC\_n48B-n260HDC\_n48B-n260IDC\_n48B-n260JDC\_n48B-n260KDC\_n48B-n260LDC\_n48B-n260MDC\_n48C-n260A DC\_n48C-n260G DC\_n48C-n260H DC\_n48C-n260I DC\_n48C-n260J DC\_n48C-n260K DC\_n48C-n260L DC\_n48C-n260M | DC\_n48A-n260ADC\_n48A-n260GDC\_n48A-n260HDC\_n48A-n260IDC\_48B-n260A DC\_48B-n260G DC\_48B-n260H DC\_48B-n260I |
| DC\_n48(2A)-n260ADC\_n48(2A)-n260GDC\_n48(2A)-n260HDC\_n48(2A)-n260IDC\_n48(2A)-n260JDC\_n48(2A)-n260KDC\_n48(2A)-n260LDC\_n48(2A)-n260MDC\_n48(3A)-n260ADC\_n48(3A)-n260IDC\_n48(3A)-n260JDC\_n48(3A)-n260KDC\_n48(3A)-n260LDC\_n48(3A)-n260MDC\_n48(4A)-n260ADC\_n48(4A)-n260IDC\_n48(4A)-n260JDC\_n48(4A)-n260KDC\_n48(4A)-n260LDC\_n48(4A)-n260MDC\_n48(A-B)-n260ADC\_n48(A-B)-n260GDC\_n48(A-B)-n260HDC\_n48(A-B)-n260IDC\_n48(A-B)-n260JDC\_n48(A-B)-n260KDC\_n48(A-B)-n260LDC\_n48(A-B)-n260M | DC\_n48A-n260ADC\_n48A-n260GDC\_n48A-n260HDC\_n48A-n260I |
| DC\_n48A-n261ADC\_n48A-n261GDC\_n48A-n261HDC\_n48A-n261IDC\_n48A-n261JDC\_n48A-n261KDC\_n48A-n261LDC\_n48A-n261MDC\_n48B-n261ADC\_n48B-n261GDC\_n48B-n261HDC\_n48B-n261IDC\_n48B-n261JDC\_n48B-n261KDC\_n48B-n261LDC\_n48B-n261M | DC\_n48A-n261ADC\_n48A-n261G DC\_n48A-n261H DC\_n48A-n261I |
| DC\_n48A-n261(2A)DC\_n48A-n261(2G)DC\_n48A-n261(2H)DC\_n48A-n261(2I)DC\_n48A-n261(3A)DC\_n48A-n261(4A)DC\_n48A-n261(A-G)DC\_n48A-n261(A-H)DC\_n48A-n261(A-I)DC\_n48A-n261(G-H)DC\_n48A-n261(H-I)DC\_n48A-n261(G-I)DC\_n48(2A)-n261ADC\_n48(2A)-n261GDC\_n48(2A)-n261HDC\_n48(2A)-n261IDC\_n48(2A)-n261JDC\_n48(2A)-n261KDC\_n48(2A)-n261LDC\_n48(2A)-n261MDC\_n48(2A)-n261(G-H)DC\_n48(2A)-n261(2H)DC\_n48(2A)-n261(G-I)DC\_n48(2A)-n261(A-G-H)DC\_n48(2A)-n261(H-I)DC\_n48(2A)-n261(A-G-I)DC\_n48B-n261(G-H)DC\_n48B-n261(2H)DC\_n48B-n261(G-I)DC\_n48B-n261(A-G-H)DC\_n48B-n261(H-I)DC\_n48B-n261(A-G-I)DC\_n48(A-B)-n261ADC\_n48(A-B)-n261GDC\_n48(A-B)-n261HDC\_n48(A-B)-n261IDC\_n48(A-B)-n261JDC\_n48(A-B)-n261KDC\_n48(A-B)-n261LDC\_n48(A-B)-n261M | DC\_n48A-n261ADC\_n48A-n261GDC\_n48A-n261HDC\_n48A-n261I |
| DC\_n66A-n258ADC\_n66A-n258GDC\_n66A-n258H | DC\_n66A-n258ADC\_n66A-n258GDC\_n66A-n258H |
| DC\_n66A-n258(2A)DC\_n66A-n258(3A)DC\_n66A-n258(4A)DC\_n66A-n258(5A)DC\_n66A-n258(2G)DC\_n66A-n258(A-G)DC\_n66A-n258(A-H)DC\_n66A-n258(G-H) | DC\_n66A-n258ADC\_n66A-n258GDC\_n66A-n258H |
| DC\_n66A-n260ADC\_n66A-n260GDC\_n66A-n260HDC\_n66A-n260IDC\_n66A-n260JDC\_n66A-n260KDC\_n66A-n260LDC\_n66A-n260M | DC\_n66A-n260ADC\_n66A-n260GDC\_n66A-n260HDC\_n66A-n260IDC\_n66A-n260JDC\_n66A-n260KDC\_n66A-n260LDC\_n66A-n260M |
| DC\_n66A-n260(2A)DC\_n66A-n260(3A)DC\_n66A-n260(4A)DC\_n66A-n260(5A)DC\_n66A-n260(6A)DC\_n66A-n260(7A)DC\_n66A-n260(8A)DC\_n66(2A)-n260ADC\_n66(2A)-n260GDC\_n66(2A)-n260HDC\_n66(2A)-n260IDC\_n66(2A)-n260JDC\_n66(2A)-n260KDC\_n66(2A)-n260LDC\_n66(2A)-n260M | DC\_n66A-n260ADC\_n66A-n260GDC\_n66A-n260HDC\_n66A-n260IDC\_n66A-n260JDC\_n66A-n260KDC\_n66A-n260LDC\_n66A-n260M |
| DC\_n66A-n261ADC\_n66A-n261GDC\_n66A-n261HDC\_n66A-n261IDC\_n66A-n261JDC\_n66A-n261KDC\_n66A-n261LDC\_n66A-n261MDC\_n66A-n261ODC\_n66A-n261PDC\_n66A-n261Q | DC\_n66A-n261ADC\_n66A\_n261GDC\_n66A\_n261HDC\_n66A\_n261I |
| DC\_n66A-n261(2A)DC\_n66A-n261(3A)DC\_n66A-n261(4A)DC\_n66A-n261(2G)DC\_n66A-n261(2H)DC\_n66A-n261(2I)DC\_n66A-n261(A-G)DC\_n66A-n261(A-H)DC\_n66A-n261(A-I)DC\_n66A-n261(A-J)DC\_n66A-n261(A-K)DC\_n66A-n261(A-L)DC\_n66A-n261(G-H)DC\_n66A-n261(H-I)DC\_n66A-n261(G-I)DC\_n66A-n261(A-G-H)DC\_n66A-n261(A-G-I)DC\_n66A-n261(2A-H)DC\_n66A-n261(2A-G)DC\_n66A-n261(2A-I)DC\_n66A-n261(A-2G) | DC\_n66A-n261ADC\_n66A-n261GDC\_n66A-n261HDC\_n66A-n261I |
| DC\_n77A-n257A1DC\_n77A-n257D1DC\_n77A-n257E1DC\_n77A-n257F1DC\_n77A-n257G1DC\_n77A-n257H1DC\_n77A-n257I1DC\_n77A-n257J1DC\_n77A-n257K1DC\_n77A-n257L1DC\_n77A-n257M1DC\_n77C-n257ADC\_n77C-n257DDC\_n77C-n257EDC\_n77C-n257F | DC\_n77A-n257ADC\_n77A-n257GDC\_n77A-n257HDC\_n77A-n257IDC\_n77A-n257JDC\_n77A-n257KDC\_n77A-n257LDC\_n77A-n257M |
| DC\_n77(2A)-n257A1DC\_n77(2A)-n257DDC\_n77(2A)-n257EDC\_n77(2A)-n257FDC\_n77(2A)-n257G1DC\_n77(2A)-n257H1DC\_n77(2A)-n257I1DC\_n77(2A)-n257JDC\_n77(2A)-n257KDC\_n77(2A)-n257LDC\_n77(2A)-n257M | DC\_n77A-n257ADC\_n77A-n257GDC\_n77A-n257HDC\_n77A-n257IDC\_n77A-n257JDC\_n77A-n257KDC\_n77A-n257LDC\_n77A-n257M |
| DC\_n77(3A)-n257ADC\_n77(3A)-n257GDC\_n77(3A)-n257HDC\_n77(3A)-n257I | DC\_n77A-n257ADC\_n77A-n257GDC\_n77A-n257HDC\_n77A-n257I |
| DC\_n77A-n260ADC\_n77A-n260GDC\_n77A-n260HDC\_n77A-n260IDC\_n77A-n260JDC\_n77A-n260KDC\_n77A-n260LDC\_n77A-n260MDC\_n77C-n260ADC\_n77C-n260GDC\_n77C-n260HDC\_n77C-n260IDC\_n77C-n260JDC\_n77C-n260KDC\_n77C-n260LDC\_n77C-n260M | DC\_n77A-n260ADC\_n77A-n260GDC\_n77A-n260HDC\_n77A-n260IDC\_n77A-n260JDC\_n77A-n260KDC\_n77A-n260LDC\_n77A-n260M |
| DC\_n77(2A)-n260ADC\_n77(2A)-n260GDC\_n77(2A)-n260HDC\_n77(2A)-n260IDC\_n77(2A)-n260JDC\_n77(2A)-n260KDC\_n77(2A)-n260LDC\_n77(2A)-n260M | DC\_n77(2A)DC\_n77A-n260ADC\_n77A-n260GDC\_n77A-n260HDC\_n77A-n260IDC\_n77A-n260JDC\_n77A-n260KDC\_n77A-n260LDC\_n77A-n260M |
| DC\_n77A-n261ADC\_n77A-n261GDC\_n77A-n261HDC\_n77A-n261IDC\_n77A-n261JDC\_n77A-n261KDC\_n77A-n261LDC\_n77A-n261MDC\_n77C-n261ADC\_n77C-n261GDC\_n77C-n261HDC\_n77C-n261IDC\_n77C-n261JDC\_n77C-n261KDC\_n77C-n261LDC\_n77C-n261M | DC\_n77A-n261ADC\_n77A-n261GDC\_n77A-n261HDC\_n77A-n261IDC\_n77A-n261JDC\_n77A-n261KDC\_n77A-n261LDC\_n77A-n261M |
| DC\_n77A-n261(2A)DC\_n77A-n261(2G)DC\_n77A-n261(2H)DC\_n77A-n261(2I)DC\_n77A-n261(3A)DC\_n77A-n261(4A) | DC\_n77A-n261A |
| DC\_n77A-n261(A-G)DC\_n77A-n261(A-H)DC\_n77A-n261(A-I)DC\_n77A-n261(G-H)DC\_n77A-n261(G-I)DC\_n77A-n261(H-I)DC\_n77A-n261(A-J)DC\_n77A-n261(A-K)DC\_n77A-n261(A-L)DC\_n77A-n261(A-G-H)DC\_n77A-n261(A-G-I)DC\_n77A-n261(2A-H)DC\_n77A-n261(2A-G)DC\_n77A-n261(2A-I)DC\_n77A-n261(A-2G)DC\_n77C-n261(G-H)DC\_n77C-n261(2H)DC\_n77C-n261(G-I)DC\_n77C-n261(A-G-H)DC\_n77C-n261(H-I)DC\_n77C-n261(A-G-I) | DC\_n77A-n261ADC\_n77A-n261GDC\_n77A-n261HDC\_n77A-n261I |
| DC\_n78A-n257ADC\_n78A-n257DDC\_n78A-n257EDC\_n78A-n257FDC\_n78A-n257GDC\_n78A-n257HDC\_n78A-n257IDC\_n78A-n257JDC\_n78A-n257KDC\_n78A-n257LDC\_n78A-n257MDC\_n78C-n257ADC\_n78C-n257DDC\_n78C-n257EDC\_n78C-n257FDC\_n78C-n257GDC\_n78C-n257HDC\_n78C-n257IDC\_n78C-n257JDC\_n78C-n257KDC\_n78C-n257LDC\_n78C-n257M | DC\_n78A-n257ADC\_n78A-n257GDC\_n78A-n257HDC\_n78A-n257I |
| DC\_n78A-n257(2A)DC\_n78(2A)-n257ADC\_n78(2A)-n257GDC\_n78(2A)-n257HDC\_n78(2A)-n257I | DC\_n78A-n257ADC\_n78A-n257GDC\_n78A-n257IDC\_n78A-n257HDC\_n78A-n257(2A) |
| DC\_n78A-n258ADC\_n78A-n258BDC\_n78A-n258CDC\_n78A-n258DDC\_n78A-n258EDC\_n78A-n258FDC\_n78A-n258GDC\_n78A-n258HDC\_n78A-n258IDC\_n78A-n258JDC\_n78A-n258KDC\_n78A-n258LDC\_n78A-n258MDC\_n78C-n258ADC\_n78C-n258BDC\_n78C-n258CDC\_n78C-n258DDC\_n78C-n258EDC\_n78C-n258FDC\_n78C-n258GDC\_n78C-n258HDC\_n78C-n258IDC\_n78C-n258JDC\_n78C-n258KDC\_n78C-n258LDC\_n78C-n258M | DC\_n78A-n258ADC\_n78A-n258GDC\_n78A-n258HDC\_n78A-n258I |
| DC\_n78A-n258(2A) | DC\_n78A-n258ADC\_n78A-n258(2A) |
| DC\_n79A-n257A1DC\_n79A-n257D1DC\_n79A-n257E1DC\_n79A-n257F1DC\_n79A-n257G1DC\_n79A-n257H1DC\_n79A-n257I1DC\_n79A-n257JDC\_n79A-n257KDC\_n79A-n257LDC\_n79A-n257MDC\_n79C-n257ADC\_n79C-n257DDC\_n79C-n257EDC\_n79C-n257F | DC\_n79A-n257ADC\_n79A-n257GDC\_n79A-n257HDC\_n79A-n257I |
| DC\_n79A-n258ADC\_n79A-n258DDC\_n79A-n258EDC\_n79A-n258FDC\_n79A-n258GDC\_n79A-n258HDC\_n79A-n258IDC\_n79A-n258JDC\_n79A-n258KDC\_n79A-n258LDC\_n79A-n258M | DC\_n79A-n258A |
| NOTE 1: Applicable for UE supporting inter-band NR DC with mandatory simultaneous Rx/Tx capability. |

---End of changes---