**3GPP TSG-RAN WG4 Meeting #90bis *R4-1903009***

**Xi'an, China, 8 – 12 Apr. 2019**

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| *CR-Form-v11.4* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-3** | **CR** | **<CR#>** | **rev** | **-** | **Current version:** | **15.5.0** |  |
|  | | | | | | | | |
| *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:*** | Draft Introducing CR on new EN-DC LTE(xDL/1UL)+ NR(2DL/1UL) DC in rel-16 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | LG Electronics | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | DC\_R16\_xBLTE\_2BNR\_yDL2UL-Core | | | | |  | ***Date:*** | | | 2019-04-10 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-16 |
|  | *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-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | New EN-DC Inter-band LTE (x bands DL with 1 band UL, x=1,2,3,4) and NR (2 bands DL with 1 band UL) band combinations have been studied and introduced in corresponding TR in rel-16.   * LTE (1DL/1UL)+NR(2DL/1UL) DC combinations: 5 DC combos * LTE (2DL/1UL)+NR(2DL/1UL) DC combinations: 4 DC combos * LTE (3DL/1UL)+NR(2DL/1UL) DC combinations: 1 DC combo | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | In TS38.101-3, include new EN-DC band combinations in rel-16   * In R4-1900248 was endorsed in rel-16. However, the CR on TS38.101-3 of rel-16 is not agreed in last plenary meeting. So, we added these band combos in TS38.101-3 for rel-16. Also follow new band combos are completed in this meeting. * LTE (1DL/1UL)+NR(2DL/1UL) DC combinations including FR1   + EN\_DC\_1A\_n40A-n78A with 2UL\_DC\_1A\_n40A or DC\_1A\_n78A   + EN\_DC\_3A\_n1A-n79A with 2UL\_DC\_3A\_n1A or DC\_3A\_n79A   + EN\_DC\_3A\_n40A-n78A with 2UL\_DC\_3A\_n40A or DC\_3A\_n78A * LTE (1DL/1UL)+NR(2DL/1UL) DC combinations including both FR1&FR2   + EN\_DC\_3A\_n1A-n257A with 2UL\_DC\_3A\_n1A or DC\_3A\_n257A   + EN\_DC\_8A\_n77A-n257A with 2UL\_DC\_8A\_n77A or DC\_8A\_n257A * LTE (2DL/1UL)+NR(2DL/1UL) DC combinations including FR1   + EN\_DC\_1A-3A\_n7A-n78A with 2UL\_DC\_1A\_n7A or DC\_1A\_n78A or DC\_3A\_n7A or DC\_3A\_n78A   + EN\_DC\_1A-3C\_n28A-n78A with 2UL\_DC\_1A\_n28A or DC\_1A\_n78A or DC\_3C\_n28A or DC\_3C\_n78A   + EN\_DC\_1A-7C\_n28A-n78A with 2UL\_DC\_1A\_n28A or DC\_1A\_n78A or DC\_7C\_n28A or DC\_7C\_n78A   + EN\_DC\_3A-7A\_n28A-n78A with 2UL\_DC\_3A\_n28A or DC\_3A\_n78A or DC\_7A\_n28A or DC\_7A\_n78A * LTE (3DL/1UL)+NR(2DL/1UL) DC combinations including FR1   + EN\_DC\_1A-3A-7A\_n28A-n78A with 2UL\_DC\_1A\_n28A or DC\_1A\_n78A or DC\_3A\_n28A or DC\_3A\_n78A or DC\_7A\_n28A or DC\_7A\_n78A   For Some EN-DC band with self-interference problem, MSD exception requirements are defined in section 7.3B.3.3. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | New EN-DC Inter-band LTE (x bands DL with 1 band UL, x=1,2,3,4) and NR (2 bands DL with 1 band UL) band combinations won’t be supported in Rel-16 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.2B.4, 5.2B.5, 5.2B.6 5.5B.4, 5.5B.5, 5.5B.6, 6.2B.4.2.3, 7.3B.2.3, 7.3B.3.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

*<Start of Changes>*

### 5.2B.4 Inter-band EN-DC within FR1

#### 5.2B.4.1 EN-DC (two bands)

Table 5.2B.4.1-1: Band combinations for inter-band EN-DC within FR1 (two bands)

| EN-DC band | E-UTRA Band | NR Band | Single UL allowed |
| --- | --- | --- | --- |
| DC\_1\_n28 | 1 | n28 | No |
| DC\_1\_n40 | 1 | n40 | No |
| DC\_1\_n51 | 1 | n51 | No |
| DC\_1\_n773 | 1 | n77 | DC\_1\_n77 |
| DC\_1\_n783 | 1 | n78 | No |
| DC\_1\_n793 | 1 | n79 | No |
| DC\_2\_n5 | 2 | n5 | No |
| DC\_2\_n66 | 2 | n66 | DC\_2\_n66 |
| DC\_2\_n71 | 2 | n71 | No |
| DC\_2\_n78 | 2 | n78 | DC\_2\_n78 |
| DC\_3\_n7 | 3 | n7 | No |
| DC\_3\_n28 | 3 | n28 | No |
| DC\_3\_n40 | 3 | n40 | No |
| DC\_3\_n51 | 3 | n51 | No |
| DC\_3\_n773 | 3 | n77 | DC\_3\_n77 |
| DC\_3\_n783 | 3 | n78 | DC\_3\_n78 |
| DC\_3\_n793 | 3 | n79 | No |
| DC\_5\_n40 | 5 | n40 | No |
| DC\_5\_n66 | 5 | n66 | DC\_5\_n66 |
| DC\_5\_n783 | 5 | n78 | No |
| DC\_7\_n28 | 7 | n28 | No |
| DC\_7\_n51 | 7 | n51 | No |
| DC\_7\_n783 | 7 | n78 | No |
| DC\_7-7\_n783 | CA\_7-7 | n78 | No |
| DC\_8\_n40 | 8 | n40 | No |
| DC\_8\_n773 | 8 | n77 | No |
| DC\_8\_n783 | 8 | n78 | No |
| DC\_8\_n793 | 8 | n79 | No |
| DC\_11\_n773 | 11 | n77 | No |
| DC\_11\_n783 | 11 | n78 | No |
| DC\_11\_n793 | 11 | n79 | No |
| DC\_12\_n5 | 12 | n5 | No |
| DC\_12\_n66 | 12 | n66 | No |
| DC\_18\_n773 | 18 | n77 | No |
| DC\_18\_n783 | 18 | n78 | No |
| DC\_18\_n793 | 18 | n79 | No |
| DC\_19\_n773 | 19 | n77 | No |
| DC\_19\_n783 | 19 | n78 | No |
| DC\_19\_n793 | 19 | n79 | No |
| DC\_20\_n8 | 20 | n8 | DC\_20\_n8 |
| DC\_20\_n284 | 20 | n28 | No |
| DC\_20\_n51 | 20 | n51 | No |
| DC\_20\_n77 | 20 | n77 | No |
| DC\_20\_n783 | 20 | n78 | No |
| DC\_21\_n773 | 21 | n77 | No |
| DC\_21\_n783 | 21 | n78 | No |
| DC\_21\_n793 | 21 | n79 | No |
| DC\_25\_n41 | 25 | n41 | No |
| DC\_26\_n413 | 26 | n41 | No |
| DC\_26\_n773 | 26 | n77 | No |
| DC\_26\_n783 | 26 | n78 | No |
| DC\_26\_n793 | 26 | n79 | No |
| DC\_28\_n51 | 28 | n51 | No |
| DC\_28\_n773 | 28 | n77 | No |
| DC\_28\_n783 | 28 | n78 | No |
| DC\_28\_n793 | 28 | n79 | No |
| DC\_30\_n5 | 30 | n5 | No |
| DC\_30\_n66 | 30 | n66 | No |
| DC\_38\_n78 | 38 | n78 | No |
| DC\_39\_n781,3 | 39 | n78 | No |
| DC\_39\_n793 | 39 | n79 | No |
| DC\_40\_n77 | 40 | n77 | No |
| DC\_41\_n77 | 41 | n77 | No |
| DC\_41\_n78 | 41 | n78 | No |
| DC\_41\_n792,3 | 41 | n79 | No |
| DC\_42\_n51 | 42 | n51 | No |
| DC\_42\_n775 | 42 | n77 | N/A |
| DC\_42\_n785 | 42 | n78 | N/A |
| DC\_42\_n795 | 42 | n79 | N/A |
| DC\_66\_n71 | 66 | n71 | No |
| DC\_66\_n5 | 66 | n5 | DC\_66\_n5 |
| DC\_66\_n78 | 66 | n78 | No |
| NOTE 1: The frequency range above 3600 MHz for Band n78 is not used in this combination.  NOTE 2: The frequency range below 2506 MHz for Band 41 is not used in this combination.  NOTE 3: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability.  NOTE 4: The frequency range in band n28 is restricted for this band combination to 703-733 MHz for the UL and 758-788 MHz for the DL.  NOTE 5: The combination is not used alone as fall back mode of other band combinations in which UL in Band 42 is not used. | | | |

#### 5.2B.4.2 EN-DC (three bands)

Table 5.2B.4.2-1: Band combinations for inter-band EN-DC within FR1 (three bands)

| EN-DC Band | E-UTRA Band | NR Band |  |
| --- | --- | --- | --- |
| DC\_1-3\_n28 | CA\_1-3 | n28 |  |
| DC\_1-3\_n772 | CA\_1-3 | n77 |  |
| DC\_1-3\_n782 | CA\_1-3 | n78 |  |
| DC\_1\_n3-n782 | 1 | CA\_n3-n78 |  |
| DC\_1-3\_n792 | CA\_1-3 | n79 |  |
| DC\_1-5\_n782 | CA\_1-5 | n78 |  |
| DC\_1-7\_n282 | CA\_1-7 | n28 |  |
| DC\_1-7\_n78 2 | CA\_1-7 | n78 |  |
| DC\_1-7-7\_n782 | CA\_1-7-7 | n78 |  |
| DC\_1\_n7-n782 | 1 | CA\_n7-n78 |  |
| DC\_1-8\_n782 | CA\_1-8 | n78 |  |
| DC\_1-18\_n772 | CA\_1-18 | n77 |  |
| DC\_1-18\_n782 | CA\_1-18 | n78 |  |
| DC\_1-18\_n79 | CA\_1-18 | n79 |  |
| DC\_1-19\_n772 | CA\_1-19 | n77 |  |
| DC\_1-19\_n782 | CA\_1-19 | n78 |  |
| DC\_1-19\_n792 | CA\_1-19 | n79 |  |
| DC\_1-20\_n283 | CA\_1-20 | n28 |  |
| DC\_1-20\_n782 | CA\_1-20 | n78 |  |
| DC\_1-21\_n772 | CA\_1-21 | n77 |  |
| DC\_1-21\_n782 | CA\_1-21 | n78 |  |
| DC\_1-21\_n792 | CA\_1-21 | n79 |  |
| DC\_1-28\_n772 | CA\_1-28 | n77 |  |
| DC\_1-28\_n782 | CA\_1-28 | n78 |  |
| DC\_1-28\_n79 | CA\_1-28 | n79 |  |
| DC\_1\_n28-n782 | 1 | CA\_n28-n78 |  |
| DC\_1\_n77-n79 | 1 | CA\_n77-n79 |  |
| DC\_1\_n78-n79 | 1 | CA\_n78-n79 |  |
| DC\_1\_n40-n78 | 1 | CA\_n40-n78 |  |
| DC\_1-41\_n77 | CA\_1-41 | n77 |  |
| DC\_1-41\_n78 | CA\_1-41 | n78 |  |
| DC\_1-41\_n79 | CA\_1-41 | n79 |  |
| DC\_1-42\_n77 | CA\_1-42 | n77 |  |
| DC\_1-42\_n78 | CA\_1-42 | n78 |  |
| DC\_1-42\_n79 | CA\_1-42 | n79 |  |
| DC\_1\_SUL\_n78-n842 | 1 | SUL\_n78-n84 |  |
| DC\_2-5\_n66 | CA\_2-5 | n66 |  |
| DC\_2-12\_n66 | CA\_2-12 | n66 |  |
| DC\_2-30\_n66 | CA\_2-30 | n66 |  |
| DC\_2-(n)71 | CA\_2-71 | n71 |  |
| DC\_2-66\_n71 | CA\_2-66 | n71 |  |
| DC\_3\_n1-n77 | 3 | CA\_n1-n77 |  |
| DC\_3\_n1-n78 | 3 | CA\_n1-n78 |  |
| DC)3\_n1-n79 | 3 | CA\_n1-n79 |  |
| DC\_3\_n3-n77 | 3 | CA\_n3-n77 |  |
| DC\_3\_n3-n78 | 3 | CA\_n3-n78 |  |
| DC\_3-5\_n782 | CA\_3-5 | n78 |  |
| DC\_3-7\_n28 | CA\_3-7 | n28 |  |
| DC\_3-7\_n782 | CA\_3-7 | n78 |  |
| DC\_3-7-7\_n782 | CA\_3-7-7 | n78 |  |
| DC\_3\_n7-n782 | 3 | CA\_n7-n78 |  |
| DC\_3-8\_n78 | CA\_3-8 | n78 |  |
| DC\_3-19\_n772 | CA\_3-19 | n77 |  |
| DC\_3-19\_n782 | CA\_3-19 | n78 |  |
| DC\_3-19\_n792 | CA\_3-19 | n79 |  |
| DC\_3-20\_n282,3 | CA\_3-20 | n28 |  |
| DC\_3-20\_n782 | CA\_3-20 | n78 |  |
| DC\_3\_n20-n782 | 3 | CA\_n20-n78 |  |
| DC\_3-21\_n772 | CA\_3-21 | n77 |  |
| DC\_3-21\_n782 | CA\_3-21 | n78 |  |
| DC\_3-21\_n792 | CA\_3-21 | n79 |  |
| DC\_3-28\_n782 | CA\_3-28 | n78 |  |
| DC\_3\_n28-n782 | 3 | CA\_n28-n78 |  |
| DC\_3-28\_n79 | 3 | CA\_n28-n79 |  |
| DC\_3-38\_n78 | CA\_3-38 | n78 |  |
| DC\_3\_n40-n78 | 3 | CA\_n40-n78 |  |
| DC\_3-41\_n78 | CA\_3-41 | n78 |  |
| DC\_3-42\_n77 | CA\_3-42 | n77 |  |
| DC\_3-42\_n78 | CA\_3-42 | n78 |  |
| DC\_3-42\_n79 | CA\_3-42 | n79 |  |
| DC\_3\_n77-n79 | 3 | CA\_n77-n79 |  |
| DC\_3\_n78-n79 | 3 | CA\_n78-n79 |  |
| DC\_3\_SUL\_n78-n802 | 3 | SUL\_n78-n80 |  |
| DC\_3\_SUL\_n78-n822 | 3 | SUL\_n78-n821 |  |
| DC\_3\_SUL\_n79-n802 | 3 | SUL\_n79-n80 |  |
| DC\_5-7-7\_n78 | CA\_5-7-7 | n78 |  |
| DC\_5-7\_n78 | CA\_5-7 | n78 |  |
| DC\_5-30\_n66 | CA\_5-30 | n66 |  |
|  |  |  |  |
| DC\_7-20\_n283 | CA\_7-20 | n28 |  |
| DC\_7-20\_n782 | CA\_7-20 | n78 |  |
| DC\_7-28\_n782 | CA\_7-28 | n78 |  |
| DC\_7\_n28-n782 | 7 | CA\_n28-n78 |  |
| DC\_7-46\_n78 | CA\_7-46 | n78 |  |
| DC\_8\_SUL\_n78-n812 | 8 | SUL\_n78-n81 |  |
| DC\_8\_SUL\_n79-n812 | 8 | SUL\_n79-n81 |  |
| DC\_12-30\_n66 | CA\_12-30 | n66 |  |
| DC\_18-28\_n772 | CA\_18-28 | n77 |  |
| DC\_18-28\_n782 | CA\_18-28 | n78 |  |
| DC\_18-28\_n792 | CA\_18-28 | n79 |  |
| DC\_19-21\_n772 | CA\_19-21 | n77 |  |
| DC\_19-21\_n782 | CA\_19-21 | n78 |  |
| DC\_19-21\_n792 | CA\_19-21 | n79 |  |
| DC\_19-42\_n77 | CA\_19-42 | n77 |  |
| DC\_19-42\_n78 | CA\_19-42 | n78 |  |
| DC\_19-42\_n79 | CA\_19-42 | n79 |  |
| DC\_19\_n77-n79 | 19 | CA\_n77-n79 |  |
| DC\_19\_n78-n79 | 19 | CA\_n78-n79 |  |
| DC\_20\_n8-n75 | 20 | CA\_n8-n75 |  |
| DC\_20\_n28-n753 | 20 | CA\_n28-n75 |  |
| DC\_20\_n28-n782,3 | 20 | CA\_n28-n78 |  |
| DC\_20\_n75-n782 | 20 | CA\_n75-n78 |  |
| DC\_20\_n76-n782 | 20 | CA\_n76-n78 |  |
| DC\_20\_SUL\_n78-n822 | 20 | SUL\_n78-n82 |  |
| DC\_20\_SUL\_n78-n832 | 20 | SUL\_n78-n831 |  |
| DC\_21-42\_n77 | CA\_21-42 | n77 |  |
| DC\_21-42\_n78 | CA\_21-42 | n78 |  |
| DC\_21-42\_n79 | CA\_21-42 | n79 |  |
| DC\_21\_n77-n79 | 21 | CA\_n77-n79 |  |
| DC\_21\_n78-n79 | 21 | CA\_n78-n79 |  |
| DC\_28\_n8-n78 | 28 | CA\_n8-n78 |  |
| DC\_28-42\_n77 | CA\_28-42 | n77 |  |
| DC\_28-42\_n78 | CA\_28-42 | n78 |  |
| DC\_28-42\_n79 | CA\_28-42 | n79 |  |
| DC\_41-42\_n77 | CA\_41-42 | n77 |  |
| DC\_41-42\_n78 | CA\_41-42 | n78 |  |
| DC\_41-42\_n79 | CA\_41-42 | n79 |  |
| DC\_28\_SUL\_n78-n832 | 28 | SUL\_n78-n83 |  |
| DC\_66\_(n)71 | CA\_66-71 | n71 |  |
| DC\_66\_SUL\_n78-n862 | 66 | SUL\_n78-n86 |  |
| NOTE 1: If a UE is configured with both NR UL and NR SUL carriers in a cell, the switching time between NR UL carrier and NR SUL carrier can be up to 140us and placed in SUL resources.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability  NOTE 3: The frequency range in band n28 is restricted for this band combination to 703-733 MHz for the UL and 758-788 MHz for the DL. | | | |

#### 5.2B.4.3 EN-DC (four bands)

Table 5.2B.4.3-1: Band combinations for inter-band EN-DC within FR1 (four bands)

| EN-DC Band | E-UTRA Band | NR Band |  |
| --- | --- | --- | --- |
| DC\_1-3-5\_n781 | CA\_1-3-5 | n78 |  |
| DC\_1-3-7\_n28 | CA\_1-3-7 | n28 |  |
| DC\_1-3-7-7\_n781 | CA\_1-3-7-7 | n78 |  |
| DC\_1-3-7\_n781 | CA\_1-3-7 | n78 |  |
| DC\_1-3\_n7-n78 | CA\_1-3 | CA\_n7-n78 |  |
| DC\_1-3-8\_n781 | CA\_1-3-8 | n78 |  |
| DC\_1-3-28\_n771 | CA\_1-3-28 | n77 |  |
| DC\_1-3-28\_n781 | CA\_1-3-28 | n78 |  |
| DC\_1-3\_n28-n781 | CA\_1-3 | CA\_n28-n78 |  |
| DC\_1-3-28\_n791 | CA\_1-3-28 | n79 |  |
| DC\_1-3-19\_n771 | CA\_1-3-19 | n77 |  |
| DC\_1-3-19\_n781 | CA\_1-3-19 | n78 |  |
| DC\_1-3-19\_n791 | CA\_1-3-19 | n79 |  |
| DC\_1-3-20\_n282 | CA\_1-3-20 | n28 |  |
| DC\_1-3-20\_n781 | CA\_1-3-20 | n78 |  |
| DC\_1-3-21\_n771 | CA\_1-3-21 | n77 |  |
| DC\_1-3-21\_n781 | CA\_1-3-21 | n78 |  |
| DC\_1-3-21\_n791 | CA\_1-3-21 | n79 |  |
| DC\_1-3-42\_n77 | CA\_1-3-42 | n77 |  |
| DC\_1-3-42\_n78 | CA\_1-3-42 | n78 |  |
| DC\_1-3-42\_n79 | CA\_1-3-42 | n79 |  |
| DC\_1-5-7\_n78 | CA\_1-5-7 | n78 |  |
| DC\_1-5-7-7\_n78 | CA\_1-5-7-7 | n78 |  |
| DC\_1-7-20\_n282 | CA\_1-7-20 | n28 |  |
| DC\_1-7-20\_n781 | CA\_1-7-20 | n78 |  |
| DC\_1-7\_n28-n781 | CA\_1-7 | CA\_n28-n78 |  |
| DC\_1-18-28\_n77 | CA\_1-18-28 | n77 |  |
| DC\_1-18-28\_n78 | CA\_1-18-28 | n78 |  |
| DC\_1-18-28\_n791 | CA\_1-18-28 | n79 |  |
| DC\_1-19-21\_n77 | CA\_1-19-21 | n77 |  |
| DC\_1-19-21\_n78 | CA\_1-19-21 | n78 |  |
| DC\_1-19-21\_n79 | CA\_1-19-21 | n79 |  |
| DC\_1-19-42\_n77 | CA\_1-19-42 | n77 |  |
| DC\_1-19-42\_n78 | CA\_1-19-42 | n78 |  |
| DC\_1-19-42\_n79 | CA\_1-19-42 | n79 |  |
| DC\_1-20\_n28-n781,2 | CA\_1-20 | CA\_n28-n78 |  |
| DC\_1-21-28\_n771 | CA\_1-21-28 | n77 |  |
| DC\_1-21-28\_n781 | CA\_1-21-28 | n78 |  |
| DC\_1-21-28\_n791 | CA\_1-21-28 | n79 |  |
| DC\_1-21-42\_n77 | CA\_1-21-42 | n77 |  |
| DC\_1-21-42\_n78 | CA\_1-21-42 | n78 |  |
| DC\_1-21-42\_n79 | CA\_1-21-42 | n79 |  |
| DC\_1-28-42\_n77 | CA\_1-28-42 | n77 |  |
| DC\_1-28-42\_n78 | CA\_1-28-42 | n78 |  |
| DC\_1-28-42\_n79 | CA\_1-28-42 | n79 |  |
| DC\_1-41-42\_n77 | CA\_1-41-42 | n77 |  |
| DC\_1-41-42\_n78 | CA\_1-41-42 | n78 |  |
| DC\_1-41-42-n79 | CA\_1-41-42 | n79 |  |
| DC\_2-66-(n)71 | CA\_2-66-71 | n71 |  |
| DC\_3-5-7\_n78 | CA\_3-5-7 | n78 |  |
| DC\_3-5-7-7\_n78 | CA\_3-5-7-7 | n78 |  |
| DC\_3-7-20\_n282 | CA\_3-7-20 | n28 |  |
| DC\_3-7-20\_n781 | CA\_3-7-20 | n78 |  |
| DC\_3-7-28\_n781 | CA\_3-7-28 | n78 |  |
| DC\_3-7\_n28-n781 | CA\_3-7 | CA\_n28-n78 |  |
| DC\_3-19-21\_n771 | CA\_3-19-21 | n77 |  |
| DC\_3-19-21\_n781 | CA\_3-19-21 | n78 |  |
| DC\_3-19-21\_n791 | CA\_3-19-21 | n79 |  |
| DC\_3-19-42\_n77 | CA\_3-19-42 | n77 |  |
| DC\_3-19-42\_n78 | CA\_3-19-42 | n78 |  |
| DC\_3-19-42\_n791 | CA\_3-19-42 | n79 |  |
| DC\_3-20\_n28-n781,2 | CA\_3-20 | CA\_n28-n78 |  |
| DC\_3-21-42\_n77 | CA\_3-21-42 | n77 |  |
| DC\_3-21-42\_n78 | CA\_3-21-42 | n78 |  |
| DC\_3-21-42\_n79 | CA\_3-21-42 | n79 |  |
| DC\_3-28-42\_n77 | CA\_3-28-42 | n77 |  |
| DC\_3-28-42\_n78 | CA\_3-28-42 | n78 |  |
| DC\_3-28-42\_n79 | CA\_3-28-42 | n79 |  |
| DC\_7-20\_n28-n781,2 | CA\_7-20 | CA\_n28-n78 |  |
| DC\_19-21-42\_n77 | CA\_19-21-42 | n77 |  |
| DC\_19-21-42\_n78 | CA\_19-21-42 | n78 |  |
| DC\_19-21-42\_n79 | CA\_19-21-42 | n79 |  |
| DC\_21-28-42\_n77 | CA\_21-28-42 | n77 |  |
| DC\_21-28-42\_n78 | CA\_21-28-42 | n78 |  |
| DC\_21-28-42\_n79 | CA\_21-28-42 | n79 |  |
| NOTE 1: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability  NOTE 2: The frequency range in band n28 is restricted for this band combination to 703-733 MHz for the UL and 758-788 MHz for the DL. | | | |

#### 5.2B.4.4 EN-DC (five bands)

Table 5.2B.4.4-1: Band combinations inter-band EN-DC within FR1 (five bands)

| EN-DC Band | E-UTRA Band | NR Band |  |
| --- | --- | --- | --- |
| DC\_1-3-5-7\_n78 | CA\_1-3-5-7 | n78 |  |
| DC\_1-3-5-7-7\_n78 | CA\_1-3-5-7-7 | n78 |  |
| DC\_1-3-7-20\_n282 | CA\_1-3-7-20 | n28 |  |
| DC\_1-3-7-20\_n781 | CA\_1-3-7-20 | n78 |  |
| DC\_1-3-7\_n28-n781 | CA\_1-3-7 | CA\_n28-n78 |  |
| DC\_1-3-19-21\_n771 | CA\_1-3-19-21 | n77 |  |
| DC\_1-3-19-21\_n781 | CA\_1-3-19-21 | n78 |  |
| DC\_1-3-19-21\_n791 | CA\_1-3-19-21 | n79 |  |
| DC\_1-3-19-42\_n77 | CA\_1-3-19-42 | n77 |  |
| DC\_1-3-19-42\_n78 | CA\_1-3-19-42 | n78 |  |
| DC\_1-3-19-42\_n79 | CA\_1-3-19-42 | n79 |  |
| DC\_1-3-20\_n28-n781,2 | CA\_1-3-20 | CA\_n28-n78 |  |
| DC\_1-3-21-42\_n77 | CA\_1-3-21-42 | n77 |  |
| DC\_1-3-21-42\_n78 | CA\_1-3-21-42 | n78 |  |
| DC\_1-3-21-42\_n79 | CA\_1-3-21-42 | n79 |  |
| DC\_1-7-20\_n28-n781,2 | CA\_1-7-20 | CA\_n28-n78 |  |
| DC\_1-19-21-42\_n77 | DC\_1-19-21-42 | n77 |  |
| DC\_1-19-21-42\_n78 | DC\_1-19-21-42 | n78 |  |
| DC\_1-19-21-42\_n79 | DC\_1-19-21-42 | n79 |  |
| DC\_1-3-5-7\_n78 | CA\_1-3-5-7 | n78 |  |
| DC\_1-3-28-42\_n77 | CA\_1-3-28-42 | n77 |  |
| DC\_1-3-28-42\_n78 | CA\_1-3-28-42 | n78 |  |
| DC\_1-3-28-42\_n79 | CA\_1-3-28-42 | n79 |  |
| DC\_1-21-28-42\_n77 | CA\_1-21-28-42 | n77 |  |
| DC\_1-21-28-42\_n78 | CA\_1-21-28-42 | n78 |  |
| DC\_1-21-28-42\_n79 | CA\_1-21-28-42 | n79 |  |
| DC\_3-7-20\_n28-n781,2 | CA\_3-7-20 | CA\_n28-n78 |  |
| NOTE 1: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability  NOTE 2: The frequency range in band n28 is restricted for this band combination to 703-733 MHz for the UL and 758-788 MHz for the DL | | | |

#### 5.2B.4.5 EN-DC (six bands)

Table 5.2B.4.5-1: Band combinations for inter-band EN-DC within FR1 (six bands)

|  |  |  |  |
| --- | --- | --- | --- |
| EN-DC Band | E-UTRA Band | NR Band |  |
| DC\_1-3-7-20\_n28-n781,2 | CA\_1-3-7-20 | CA\_n28-n78 |  |
| NOTE 1: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability  NOTE 2: The frequency range in band n28 is restricted for this band combination to 703-733 MHz for the UL and 758-788 MHz for the DL | | | |

### 5.2B.5 Inter-band EN-DC including FR2

#### 5.2B.5.1 EN-DC (two bands)

Table 5.2B.5.1-1: Band combinations for inter-band EN-DC including FR2 (two bands)

| EN-DC Band | E-UTRA Band | NR Band |  |
| --- | --- | --- | --- |
| DC\_1\_n257 | 1 | n257 |  |
| DC\_2-2\_n257 | CA\_2-2 | n257 |  |
| DC\_2\_n257 | CA\_2 | n257 |  |
| DC\_2\_n260 | 2 | n260 |  |
| DC\_2\_n260 | CA\_2 | n260 |  |
| DC\_2-2\_n260 | CA\_2-2 | n260 |  |
| DC\_3\_n257 | 3 | n257 |  |
| DC\_3\_n258 | 3 | n258 |  |
| DC\_5\_n257 | 5 | n257 |  |
| DC\_5-5\_n257 | CA\_5-5 | n257 |  |
| DC\_5-5\_n260 | CA\_5-5 | n260 |  |
| DC\_5\_n260 | 5 | n260 |  |
| DC\_5\_n261 | 5 | n261 |  |
| DC\_7-7\_n257 | CA\_7-7 | n257 |  |
| DC\_7\_n257 | 7 | n257 |  |
| DC\_7\_n258 | 7 | n258 |  |
| DC\_8\_n257 | 8 | n257 |  |
| DC\_8\_n258 | 8 | n258 |  |
| DC\_11\_n257 | 11 | n257 |  |
| DC\_12\_n260 | 12 | n260 |  |
| DC\_13\_n257 | 13 | n257 |  |
| DC\_13\_n260 | 13 | n260 |  |
| DC\_18\_n257 | 18 | n257 |  |
| DC\_19\_n257 | 19 | n257 |  |
| DC\_20\_n258 | 20 | n258 |  |
| DC\_21\_n257 | 21 | n257 |  |
| DC\_26\_n257 | 26 | n257 |  |
| DC\_28\_n257 | 28 | n257 |  |
| DC\_28\_n258 | 28 | n258 |  |
| DC\_30\_n260 | 30 | n260 |  |
| DC\_39\_n258 | 39 | n258 |  |
| DC\_41\_n257 | 41 | n257 |  |
| DC\_41\_n258 | 41 | n258 |  |
| DC\_42\_n257 | 42 | n257 |  |
| DC\_48-48\_n257 | CA\_48-48 | n257 |  |
| DC\_48\_n257 | CA\_48 | n257 |  |
| DC\_48-48\_n260 | CA\_48-48 | n260 |  |
| DC\_48\_n260 | CA\_48 | n260 |  |
| DC\_66-66\_n257 | CA\_66-66 | n257 |  |
| DC\_66\_n257 | 66 | n257 |  |
| DC\_66-66\_n260 | CA\_66-66 | n260 |  |
| DC\_66\_n260 | 66 | n260 |  |
| DC\_66\_n261 | 66 | n261 |  |
| NOTE 1: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability for all of the above combinations | | | |

#### 5.2B.5.2 EN-DC (three bands)

Table 5.2B.5.2-1: Band combinations inter-band EN-DC including FR2 (three bands)

| EN-DC Band | E-UTRA Band | NR Band |  |
| --- | --- | --- | --- |
| DC\_1-3\_n2571 | CA\_1-3 | n257 |  |
| DC\_1-5\_n2571 | CA\_1-5 | n257 |  |
| DC\_1-7\_n2571 | CA\_1-7 | n257 |  |
| DC\_1-7-7\_n2571 | CA\_1-7-7 | n257 |  |
| DC\_1-8\_n257 | CA\_1-8 | n257 |  |
| DC\_1-18\_n2571 | CA\_1-18 | n257 |  |
| DC\_1-19\_n2571 | CA\_1-19 | n257 |  |
| DC\_1-21\_n2571 | CA\_1-21 | n257 |  |
| DC\_1-28\_n2571 | CA\_1-28 | n257 |  |
| DC\_1-41\_n257 | CA\_1-41 | n257 |  |
| DC\_1-42\_n257 | CA\_1-42 | n257 |  |
| DC\_2-5\_n2571 | CA\_2-5 | n257 |  |
| DC\_2-5\_n260 | CA\_2-5 | n260 |  |
| DC\_2-12\_n260 | CA\_2-12 | n260 |  |
| DC\_2-13\_n2571 | CA\_2-13 | n257 |  |
| DC\_2-13\_n2601 | CA\_2-13 | n260 |  |
| DC\_2-30\_n260 | CA\_2-30 | n260 |  |
| DC\_2-66\_n2571 | CA\_2-66 | n257 |  |
| DC\_2-66\_n260 | CA\_2-66 | n260 |  |
| DC\_3-5\_n2571 | CA\_3-5 | n257 |  |
| DC\_3-7\_n2571 | CA\_3-7 | n257 |  |
| DC\_3-7-7\_n2571 | CA\_3-7-7 | n257 |  |
| DC\_3-19\_n2571 | CA\_3-19 | n257 |  |
| DC\_3-21\_n2571 | CA\_3-21 | n257 |  |
| DC\_3-28\_n2571 | CA\_3-28 | n257 |  |
| DC\_3-41\_n257 | CA\_3-41 | n257 |  |
| DC\_3-42\_n2571 | CA\_3-42 | n257 |  |
| DC\_5-7-7\_n2571 | CA\_5-7-7 | n257 |  |
| DC\_5-7\_n2571 | CA\_5-7 | n257 |  |
| DC\_5-30\_n260 | CA\_5-30 | n260 |  |
| DC\_5-66\_n260 | CA\_5-66 | n260 |  |
| DC\_12-30\_n260 | CA\_12-30 | n260 |  |
| DC\_12-66\_n260 | CA\_12-66 | n260 |  |
| DC\_13-66\_n2571 | CA\_13-66 | n257 |  |
| DC\_13-66\_n2601 | CA\_13-66 | n260 |  |
| DC\_18-28\_n2571 | CA\_18-28 | n257 |  |
| DC\_19-21\_n2571 | CA\_19-21 | n257 |  |
| DC\_19-42\_n2571 | CA\_19-42 | n257 |  |
| DC\_21-42\_n2571 | CA\_21-42 | n257 |  |
| DC\_21-28\_n2571 | CA\_21-28 | n257 |  |
| DC\_28-42\_n2571 | CA\_28-42 | n257 |  |
| DC\_30-66\_n260 | CA\_30-66 | n260 |  |
| DC\_41-42\_n257 | CA\_41-42 | n257 |  |
| NOTE 1: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability | | | |

#### 5.2B.5.3 EN-DC (four bands)

Table 5.2B.5.3-1: Band combinations inter-band EN-DC including FR2 (four bands)

| EN-DC Band | E-UTRA Band | NR Band |  |
| --- | --- | --- | --- |
| DC\_1-3-5\_n2571 | CA\_1-3-5 | n257 |  |
| DC\_1-3-7\_n2571 | CA\_1-3-7 | n257 |  |
| DC\_1-3-7-7\_n257 | CA\_1-3-7-7 | n257 |  |
| DC\_1-3-19\_n2571 | CA\_1-3-19 | n257 |  |
| DC\_1-3-21\_n2571 | CA\_1-3-21 | n257 |  |
| DC\_1-3-28\_n2571 | CA\_1-3-28 | n257 |  |
| DC\_1-3-42\_n257 | CA\_1-3-42 | n257 |  |
| DC\_1-5-7\_n2571 | CA\_1-5-7 | n257 |  |
| DC\_1-5-7-7\_n257 | CA\_1-5-7-7 | n257 |  |
| DC\_1-18-28\_n2571 | CA\_1-18-28 | n257 |  |
| DC\_1-19-21\_n257 | CA\_1-19-21 | n257 |  |
| DC\_1-19-42\_n257 | CA\_1-19-42 | n257 |  |
| DC\_1-21-28\_n2571 | CA\_1-21-28 | n257 |  |
| DC\_1-21-42\_n257 | CA\_1-21-42 | n257 |  |
| DC\_1-28-42\_n257 | CA\_1-28-42 | n257 |  |
| DC\_1-41-42\_n257 | CA\_1-41-42 | n257 |  |
| DC\_3-5-7-7\_n257 | CA\_3-5-7-7 | n257 |  |
| DC\_3-5-7\_n2571 | CA\_3-5-7 | n257 |  |
| DC\_3-19-21\_n2571 | CA\_3-19-21 | n257 |  |
| DC\_3-19-42\_n257 | CA\_3-19-42 | n257 |  |
| DC\_3-21-42\_n257 | CA\_3-21-42 | n257 |  |
| DC\_3-28-42\_n257 | CA\_3-28-42 | n257 |  |
| DC\_19-21-42\_n2571 | CA\_19-21-42 | n257 |  |
| DC\_21-28-42\_n2571 | CA\_21-28-42 | n257 |  |
| NOTE 1: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability | | | |

#### 5.2B.5.4 EN-DC (five bands)

Table 5.2B.5.4-1: Band combinations inter-band EN-DC including FR2 (five bands)

|  |  |  |  |
| --- | --- | --- | --- |
| EN-DC Band | E-UTRA Band | NR Band |  |
| DC\_1-3-5-7\_n2571 | CA\_1-3-5-7 | n257 |  |
| DC\_1-3-5-7-7\_n2571 | CA\_1-3-5-7-7 | n257 |  |
| DC\_1-3-19-21\_n2571 | CA\_1-3-19-21 | n257 |  |
| DC\_1-3-19-42\_n257 | CA\_1-3-19-42 | n257 |  |
| DC\_1-3-21-42\_n257 | CA\_1-3-21-42 | n257 |  |
| DC\_1-3-28-42\_n257 | CA\_1-3-28-42 | n257 |  |
| DC\_1-19-21-42\_n257 | DC\_1-19-21-42 | n257 |  |
| DC\_1-21-28-42\_n257 | DC\_1-21-28-42 | n257 |  |
| NOTE 1: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability | | | |

### 5.2B.6 Inter-band EN-DC including both FR1 and FR2

#### 5.2B.6.1 Void

#### 5.2B.6.2 EN-DC (three bands)

Table 5.2B.6.2-1: Band combinations inter-band EN-DC including both FR1 and FR2 (three bands)

| EN-DC Band | E-UTRA Band | NR Band |  |
| --- | --- | --- | --- |
| DC\_1\_n77-n257 | 1 | CA\_n77-n257 |  |
| DC\_1\_n78-n257 | 1 | CA\_n78-n257 |  |
| DC\_1\_n79-n257 | 1 | CA\_n79-n257 |  |
| DC\_3\_n1-n257 | 3 | CA\_n1-n257 |  |
| DC\_3\_n77-n257 | 3 | CA\_n77-n257 |  |
| DC\_3\_n78-n257 | 3 | CA\_n78-n257 |  |
| DC\_3\_n79-n257 | 3 | CA\_n79-n257 |  |
| DC\_5\_n78-n2571 | 5 | CA\_n78-n257 |  |
| DC\_7-7\_n78-n257 | CA\_7-7 | CA\_n78-n257 |  |
| DC\_7\_n78-n257 | 7 | CA\_n78-n257 |  |
| DC\_8\_n77-n257 | 8 | CA\_n77-n257 |  |
| DC\_19\_n77-n257 | 19 | CA\_n77-n257 |  |
| DC\_19\_n78-n257 | 19 | CA\_n78-n257 |  |
| DC\_19\_n79-n257 | 19 | CA\_n79-n257 |  |
| DC\_21\_n77-n257 | 21 | CA\_n77-n257 |  |
| DC\_21\_n78-n257 | 21 | CA\_n78-n257 |  |
| DC\_21\_n79-n257 | 21 | CA\_n79-n257 |  |
| DC\_28\_n8-n258 | 28 | CA\_n8-n258 |  |
| DC\_66\_n5-n260 | 66 | CA\_n5-n260 |  |
| DC\_66\_n71-n260 | 66 | CA\_n71-n260 |  |
| DC\_66\_n71-n261 | 66 | CA\_n71-n261 |  |
| NOTE 1: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability | | | |

#### 5.2B.6.3 EN-DC (four bands)

Table 5.2B.6.3-1: Band combinations inter-band EN-DC including both FR1 and FR2 (four bands)

| EN-DC Band | E-UTRA Band | NR Band |  |
| --- | --- | --- | --- |
| DC\_1-3\_n78-n257 | CA\_1-3 | CA\_n78-n257 |  |
| DC\_1-5\_n78-n257 | CA\_1-5 | CA\_n78-n257 |  |
| DC\_1-7-7\_n78-n257 | CA\_1-7-7 | CA\_n78-n257 |  |
| DC\_1-7\_n78-n257 | CA\_1-7 | CA\_n78-n257 |  |
| DC\_3-5\_n78-n257 | CA\_3-5 | CA\_n78-n257 |  |
| DC\_3-7-7\_n78-n257 | CA\_3-7-7 | CA\_n78-n257 |  |
| DC\_3-7\_n78-n257 | CA\_3-7 | CA\_n78-n257 |  |
| DC\_5-7-7\_n78-n257 | CA\_5-7-7 | CA\_n78-n257 |  |
| DC\_5-7\_n78-n257 | CA\_5-7 | CA\_n78-n257 |  |

#### 5.2B.6.4 EN-DC (five bands)

Table 5.2B.6.4-1: Band combinations inter-band EN-DC including both FR1 and FR2 (five bands)

| EN-DC Band | E-UTRA Band | NR Band |
| --- | --- | --- |
| DC\_1-3-5\_n78-n257 | CA\_1-3-5 | CA\_n78-n257 |
| DC\_1-3-7-7\_n78-n257 | CA\_1-3-7-7 | CA\_n78-n257 |
| DC\_1-3-7\_n78-n257 | CA\_1-3-7 | CA\_n78-n257 |
| DC\_1-5-7-7\_n78-n257 | CA\_1-5-7-7 | CA\_n78-n257 |
| DC\_1-5-7\_n78-n257 | CA\_1-5-7 | CA\_n78-n257 |
| DC\_3-5-7-7\_n78-n257 | CA\_3-5-7-7 | CA\_n78-n257 |
| DC\_3-5-7\_n78-n257 | CA\_3-5-7 | CA\_n78-n257 |

#### 5.2B.6.5 EN-DC (six bands)

Table 5.2B.6.5-1: Band combinations inter-band EN-DC including both FR1 and FR2 (six bands)

|  |  |  |
| --- | --- | --- |
| EN-DC Band | E-UTRA Band | NR Band |
| DC\_1-3-5-7\_n78-n257 | CA\_1-3-5-7 | CA\_n78-n257 |
| DC\_1-3-5-7-7\_n78-n257 | CA\_1-3-5-7-7 | CA\_n78-n257 |
| NOTE 1: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability | | |

*<Unchanged section are omitted>*

### 5.5B.4 Inter-band EN-DC within FR1

#### 5.5B.4.1 Inter-band EN-DC configurations within FR1 (two bands)

Table 5.5B.4.1-1: Inter-band EN-DC configurations within FR1 (two bands)

| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | E-UTRA configuration | NR configuration |
| --- | --- | --- | --- |
| DC\_1A\_n28A | DC\_1A\_n28A | 1A | n28A |
| DC\_1A\_n40A | DC\_1A\_n40A | 1A | n40A |
| DC\_1A\_n51A | DC\_1A\_n51A | 1A | n51A |
| DC\_1A\_n77A  DC\_1A\_n77C | DC\_1A\_n77A | 1A | n77A  CA\_n77C |
| DC\_1A\_n78A  DC\_1A\_n78C | DC\_1A\_n78A | 1A | n78A  CA\_n78C |
| DC\_1A\_n79A  DC\_1A\_n79C | DC\_1A\_n79A | 1A | n79A  CA\_n79C |
| DC\_2A\_n5A | DC\_2A\_n5A | 2A | n5A |
| DC\_2A\_n66A | DC\_2A\_n66A | 2A | n66A |
| DC\_2A\_n71A | DC\_2A\_n71A | 2A | n71A |
| DC\_2A\_n78A | DC\_2A\_n78A | 2A | n78A |
| DC\_3A\_n7A | DC\_3A\_n7A | 3A | n7A |
| DC\_3A\_n28A | DC\_3A\_n28A | 3A | n28A |
| DC\_3A\_n40A | DC\_3A\_n40A | 3A | n40A |
| DC\_3A\_n51A | DC\_3A\_n51A | 3A | n51A |
| DC\_3A\_n77A  DC\_3A\_n77C | DC\_3A\_n77A | 3A | n77A  CA\_n77C |
| DC\_3A\_n78A  DC\_3A\_n78C | DC\_3A\_n78A | 3A | n78A  CA\_n78C |
| DC\_3A\_n79A  DC\_3A\_n79C | DC\_3A\_n79A | 3A | n79A  CA\_n79C |
| DC\_3C\_n78A | DC\_3A\_n78A | CA\_3C | n78A |
| DC\_5A\_n40A | DC\_5A\_n40A | 5A | n40A |
| DC\_5A\_n66A | DC\_5A\_n66A | 5A | n66A |
| DC\_5A\_n78A | DC\_5A\_n78A | 5A | n78A |
| DC\_7A-7A\_n78A | DC\_7A\_n78A | CA\_7A-7A | n78A |
| DC\_7A\_n28A | DC\_7A\_n28A | 7A | n28A |
| DC\_7A\_n51A | DC\_7A\_n51A | 7A | n51A |
| DC\_7A\_n78A | DC\_7A\_n78A | 7A | n78A |
| DC\_7C\_n78A | DC\_7C\_n78A | CA\_7C | n78A |
| DC\_8A\_n40A | DC\_8A\_n40A | 8A | n40A |
| DC\_8A\_n77A | DC\_8A\_n77A | 8A | n77A |
| DC\_8A\_n78A | DC\_8A\_n78A | 8A | n78A |
| DC\_8A\_n79A | DC\_8A\_n79A | 8A | n79A |
| DC\_11A\_n77A | DC\_11A\_n77A | 11A | n77A |
| DC\_11A\_n78A | DC\_11A\_n78A | 11A | n78A |
| DC\_11A\_n79A | DC\_11A\_n79A | 11A | n79A |
| DC\_12A\_n5A | DC\_12A\_n5A | 12A | n5A |
| DC\_12A\_n66A | DC\_12A\_n66A | 12A | n66A |
| DC\_18A\_n77A | DC\_18A\_n77A | 18A | n77A |
| DC\_18A\_n78A | DC\_18A\_n78A | 18A | n78A |
| DC\_18A\_n79A | DC\_18A\_n79A | 18A | n79A |
| DC\_19A\_n77A  DC\_19A\_n77C | DC\_19A\_n77A | 19A | n77A  CA\_n77C |
| DC\_19A\_n78A  DC\_19A\_n78C | DC\_19A\_n78A | 19A | n78A  CA\_n78C |
| DC\_19A\_n79A  DC\_19A\_n79C | DC\_19A\_n79A | 19A | n79A  CA\_n79C |
| DC\_20A\_n8A | DC\_20A\_n8A | 20A | n8A |
| DC\_20A\_n28A4 | DC\_20A\_n28A | 20A | n28A |
| DC\_20A\_n51A | DC\_20A\_n51A | 20A | n51A |
| DC\_20A\_n77A | DC\_20A\_n77A | 20A | n77A |
| DC\_20A\_n78A | DC\_20A\_n78A | 20A | n78A |
| DC\_21A\_n77A  DC\_21A\_n77C | DC\_21A\_n77A | 21A | n77A  CA\_n77C |
| DC\_21A\_n78A  DC\_21A\_n78C | DC\_21A\_n78A | 21A | n78A  CA\_n78C |
| DC\_21A\_n79A  DC\_21A\_n79C | DC\_21A\_n79A | 21A | n79A  CA\_n79C |
| DC\_25A\_n41A | DC\_25A\_n41A | 25A | n41A |
| DC\_26A\_n41A | DC\_26A\_n41A | 26A | n41A |
| DC\_26A\_n77A | DC\_26A\_n77A | 26A | n77A |
| DC\_26A\_n78A | DC\_26A\_n78A | 26A | n78A |
| DC\_26A\_n79A | DC\_26A\_n79A | 26A | n79A |
| DC\_28A n51A | DC\_28A\_n51A | 28A | n51A |
| DC\_28A\_n77A  DC\_28A\_n77C | DC\_28A\_n77A | 28A | n77A  CA\_n77C |
| DC\_28A\_n78A  DC\_28A\_n78C | DC\_28A\_n78A | 28A | n78A  CA\_n78C |
| DC\_28A\_n79A  DC\_28A\_n79C | DC\_28A\_n79A | 28A | n79A  CA\_n79C |
| DC\_30A\_n5A | DC\_30A\_n5A | 30A | n5A |
| DC\_30A\_n66A | DC\_30A\_n66A | 30A | n66A |
| DC\_38A\_n78A | N/A | 38A | n78A |
| DC\_39A\_n78A | DC\_39A\_n78A | 39A | n78A |
| DC\_39A\_n79A | DC\_39A\_n79A | 39A | n79A |
| DC\_40A\_n77A | N/A | 40A | n77A |
| DC\_41A\_n77A | DC\_41A\_n77A | 41A | n77A |
| DC\_41A\_n78A | DC\_41A\_n78A | 41A | n78A |
| DC\_41A\_n79A | DC\_41A\_n79A | 41A | n79A |
| DC\_41C\_n77A | DC\_41C\_n77A | CA\_41C | n77A |
| DC\_41C\_n78A | DC\_41C\_n78A | CA\_41C | n78A |
| DC\_41C\_n79A | DC\_41C\_n79A | CA\_41C | n79A |
| DC\_42A\_n51A | DC\_42A\_n51A | 42A | n51A |
| DC\_42A\_n77A3,4  DC\_42A\_n77C3,4 | N/A | 42A | n77A  CA\_n77C |
| DC\_42A\_n78A3,4  DC\_42A\_n78C3,4 | N/A | 42A | n78A  CA\_n78C |
| DC\_42A\_n79A  DC\_42A\_n79C | N/A | 42A | n79A  CA\_n79C |
| DC\_42C\_n77A3,4 | N/A | CA\_42C | n77A |
| DC\_42C\_n78A3,4 | N/A | CA\_42C | n78A |
| DC\_42C\_n79A | N/A | CA\_42C | n79A |
| DC\_42C\_n77C3,4 | N/A | CA\_42C | CA n77C |
| DC\_42C\_n78C3,4 | N/A | CA\_42C | CA n78C |
| DC\_42C\_n79C | N/A | CA\_42C | CA n79C |
| DC\_42D\_n77A3,4 | N/A | CA\_42D | n77A |
| DC\_42D\_n78A3,4 | N/A | CA\_42D | n78A |
| DC\_42D\_n79A | N/A | CA\_42D | n79A |
| DC\_42E\_n77A3,4 | N/A | CA\_42E | n77A |
| DC\_42E\_n78A3,4 | N/A | CA\_42E | n78A |
| DC\_42E\_n79A | N/A | CA\_42E | n79A |
| DC\_46A\_n78A2 | N/A | 46A | n78A |
| DC\_46C\_n78A2 | N/A | CA\_46C | n78A |
| DC\_46D\_n78A2 | N/A | CA\_46D | n78A |
| DC\_46E\_n78A2 | N/A | CA\_46E | n78A |
| DC\_66A\_n5A | DC\_66A\_n5A | 66A | n5A |
| DC\_66A\_n71A | DC\_66A\_n71A | 66A | n71A |
| DC\_66A\_n78A | DC\_66A\_n78A | 66A | n78A |
| NOTE 1: Uplink CA configurations are the configurations supported by the present release of specifications.  NOTE 2: Restricted to E-UTRA operation when inter-band carrier aggregation is configured. The downlink operating band for Band 46 is paired with the uplink operating band (external E-UTRA band) of the carrier aggregation configuration that is supporting the configured Pcell.  NOTE 3: The minimum requirements apply only when there is non-simultaneous Tx/Rx operation between E-UTRA and NR carriers. This restriction applies also for these carriers when applicable EN-DC cong\figuration is part of a higher order EN-DC configuration.  NOTE 4: The minimum requirements for inter-band EN-DC apply when the maximum power spectral density imbalance between downlink carriers is within [6] dB. The power spectral density imbalance condition also applies for these carriers when applicable EN-DC configuration is a subset of a higher order EN-DC configuration. | | | |

#### 5.5B.4.2 Inter-band EN-DC configurations within FR1 (three bands)

Table 5.5B.4.2-1: Inter-band EN-DC configurations within FR1 (three bands)

| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | E-UTRA configuration | NR configuration |
| --- | --- | --- | --- |
| DC\_1A-3A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A | CA\_1A-3A | n28A |
| DC\_1A-3A\_n77A  DC\_1A-3A\_n77C | DC\_1A\_n77A  DC\_3A\_n77A | CA\_1A-3A | n77A  CA\_n77C |
| DC\_1A-3A\_n78A  DC\_1A-3A\_n78C | DC\_1A\_n78A  DC\_3A\_n78A | CA\_1A-3A | n78A  CA\_n78C |
| DC\_1A-3A\_n79A  DC\_1A-3A\_n79C | DC\_1A\_n79A  DC\_3A\_n79A | CA\_1A-3A | n79A  CA\_n79C |
| DC\_1A-3C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A | CA\_1A-3C | n78A |
| DC\_1A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A | 1A | CA\_n3A-n78A |
| DC\_1A-5A\_n78A | DC\_1A\_n78A  DC\_5A\_n78A | CA\_1A-5A | n78A |
| DC\_1A-7A\_n28A | DC\_1A\_n28A  DC\_7A\_n28A | CA\_1A-7A | n28A |
| DC\_1A-7A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A | CA\_1A-7A | n78A |
| DC\_1A-7A-7A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A | CA\_1A-7A-7A | n78A |
| DC\_1A\_n7A-n78A | DC\_1A\_n7A  DC\_1A\_n78A | 1A | CA\_n7A-n78A |
| DC\_1A-8A\_n78A | DC\_1A\_n78A  DC\_8A\_n78A | CA\_1A-8A | n78A |
| DC\_1A-18A\_n77A | DC\_1A\_n77A  DC\_18A\_n77A | CA\_1A-18A | n77A |
| DC\_1A-18A\_n78A | DC\_1A\_n78A  DC\_18A\_n78A | CA\_1A-18A | n78A |
| DC\_1A-18A\_n79A | DC\_1A\_n79A  DC\_18A\_n79A | CA\_1A-18A | n79A |
| DC\_1A-19A\_n77A  DC\_1A-19A\_n77C | DC\_1A\_n77A  DC 19A\_n77A | CA\_1A-19A | n77A  CA\_n77C |
| DC\_1A-19A\_n78A  DC\_1A-19A\_n78C | DC\_1A\_n78A  DC\_19A\_n78A | CA\_1A-19A | n78A  CA\_n78C |
| DC\_1A-19A\_n79A  DC\_1A-19A\_n79C | DC\_1A\_n79A  DC\_19A\_n79A | CA\_1A-19A | n79A  CA\_n79C |
| DC\_1A-19A\_n77A | DC\_1A\_n77A  DC 19A\_n77A | CA\_1A-19A | n77A |
| DC\_1A-19A\_n78A | DC\_1A\_n78A  DC\_19A\_n78A | CA\_1A-19A | n78A |
| DC\_1A-19A\_n79A | DC\_1A\_n79A  DC\_19A\_n79A | CA\_1A-19A | n79A |
| DC\_1A-20A\_n28A | DC\_1A\_n28A  DC\_20A\_n28A | CA\_1A-20A | n28A |
| DC\_1A-20A\_n78A | DC\_1A\_n78A  DC\_20A\_n78A | CA\_1A-20A | n78A |
| DC\_1A-21A\_n77A  DC\_1A-21A\_n77C | DC\_1A\_n77A  DC\_21A\_n77A | CA\_1A-21A | n77A  CA\_n77C |
| DC\_1A-21A\_n78A  DC\_1A-21A\_n78C | DC\_1A\_n78A  DC\_21A\_n78A | CA\_1A-21A | n78A  CA\_n78C |
| DC\_1A-21A\_n79A  DC\_1A-21A\_n79C | DC\_1A\_n79A  DC\_21A\_n79A | CA\_1A-21A | n79A  CA\_n79C |
| DC\_1A-21A\_n77A | DC\_1A\_n77A  DC\_21A\_n77A | CA\_1A-21A | n77A |
| DC\_1A-21A\_n78A | DC\_1A\_n78A  DC\_21A\_n78A | CA\_1A-21A | n78A |
| DC\_1A-21A\_n79A | DC\_1A\_n79A  DC\_21A\_n79A | CA\_1A-21A | n79A |
| DC\_1A-28A\_n77A  DC\_1A-28A\_n77C | DC\_1A\_n77A  DC\_28A\_n77A | CA\_1A-28A | n77A  CA\_n77C |
| DC\_1A-28A\_n78A  DC\_1A-28A\_n78C | DC\_1A\_n78A  DC\_28A\_n78A | CA\_1A-28A | n78A  CA\_n78C |
| DC\_1A-28A\_n79A  DC\_1A-28A\_n79C | DC\_1A\_n79A  DC\_28A\_n79A | CA\_1A-28A | n79A  CA\_n79C |
| DC\_1A\_n28A-n78A | DC\_1A\_n28A,  DC\_1A\_n78A | 1A | CA\_n28A-n78A |
| DC\_1A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A | 1A | CA\_n40A-n78A |
| DC\_1A-41A\_n77A  DC\_1A-41C\_n77A | DC\_1A\_n77A  DC\_41A\_n77A  DC\_41C\_n77A | CA\_1A-41A  CA\_1A-41C | n77A |
| DC\_1A-41A\_n78A  DC\_1A-41C\_n78A | DC\_1A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A | CA\_1A-41A  CA\_1A-41C | n78A |
| DC\_1A-41C\_n79A | DC\_1A\_n79A  DC\_41C\_n79A | CA\_1A-41C | n79A |
| DC\_1A-42A\_n77A  DC\_1A-42A\_n77C | DC\_1A\_n77A | CA\_1A-42A | n77A  CA\_n77C |
| DC\_1A-42A\_n78A  DC\_1A-42A\_n78C | DC\_1A\_n78A | CA\_1A-42A | n78A  CA\_n78C |
| DC\_1A-42A\_n79A  DC\_1A-42A\_n79C | DC\_1A\_n79A | CA\_1A-42A | n79A  CA\_n79C |
| DC\_1A-42C\_n77A  DC\_1A-42C\_n77C | DC\_1A\_n77A | CA\_1A-42C | n77A  CA\_n77C |
| DC\_1A-42C\_n78A  DC\_1A-42C\_n78C | DC\_1A\_n78A | CA\_1A-42C | n78A  CA\_n78C |
| DC\_1A-42C\_n79A  DC\_1A-42C\_n79C | DC\_1A\_n79A | CA\_1A-42C | n79A  CA\_n79C |
| DC\_1A-42D\_n77A | DC\_1A\_n77A | CA\_1A-42D | n77A |
| DC\_1A-42D\_n78A | DC\_1A\_n78A | CA\_1A-42D | n78A |
| DC\_1A-42D\_n79A | DC\_1A\_n79A | CA\_1A-42D | n79A |
| DC\_1A-42E\_n77A | DC\_1A\_n77A | CA\_1A-42E | n77A |
| DC\_1A-42E\_n78A | DC\_1A\_n78A | CA\_1A-42E | n78A |
| DC\_1A-42E\_n79A | DC\_1A\_n79A | CA\_1A-42E | n79A |
| DC\_1A\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A | 1A | CA\_n77A-n79A |
| DC\_1A\_n78A-n79A | DC\_1A\_n78A  DC\_1A\_n79A | 1A | CA\_n78A-n79A |
| DC\_1A\_SUL\_n78A-n84A | DC\_1A\_n78A,  DC\_1A\_n84A\_ULSUP-TDM\_n78A,  DC\_1A\_n84A\_ULSUP-FDM\_n78A | 1A | SUL\_n78A-n84A |
| DC\_2A-5A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A | CA\_2A-5A | n66A |
| DC\_2A-12A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A | CA\_2A-12A | n66A |
| DC\_2A-30A\_n66A | DC\_2A\_n66A  DC\_30A\_n66A | CA\_2A-30A | n66A |
| DC\_2A-66A\_n71A | DC\_2A\_n71A  DC\_66A\_n71A | CA\_2A-66A | n71A |
| DC\_2A-(n)71AA | DC\_2A\_n71A  DC\_(n)71AA | CA\_2A-71A | n71A |
| DC\_3A\_n1A-n77A | DC\_3A\_n1A  DC\_3A\_n77A | 3A | CA\_n1A-n77A |
| DC\_3A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A | 3A | CA\_n1A-n78A |
| DC\_3A\_n1A-n79A | DC\_3A\_n1A  DC\_3A\_n79A | 3A | CA\_n1A-n79A |
| DC\_3A\_n3A-n77A | DC\_3A\_n77A  DC\_3A\_n3A2 | 3A | CA\_n3A-n77A |
| DC\_3A\_n3A-n78A | DC\_3A\_n78A  DC\_3A\_n3A2 | 3A | CA\_n3A-n78A |
| DC\_3A-5A\_n78A | DC\_3A\_n78A  DC\_5A\_n78A | CA\_3A-5A | n78A |
| DC\_3A-7A-7A\_n78A | DC\_3A\_n78A  DC\_7A\_n78A | CA\_3A-7A-7A | n78A |
| DC\_3A-7A\_n28A | DC\_3A\_n28A  DC\_7A\_n28A | CA\_3A-7A | n28A |
| DC\_3A-7A\_n78A | DC\_3A\_n78A  DC\_7A\_n78A | CA\_3A-7A | n78A |
| DC\_3A-7C\_n78A | DC\_3A\_n78A  DC\_7C\_n78A | CA\_3A-7C | n78A |
| DC\_3C-7C\_n78A | DC\_3A\_n78A  DC\_7C\_n78A | CA\_3C-7C | n78A |
| DC\_3C-7A\_n78A | DC\_3A\_n78A  DC\_7A\_n78A | CA\_3C-7A | n78A |
| DC\_3A\_n7A-n78A  DC\_3C\_n7A-n78A | DC\_3A\_n7A  DC\_3A\_n78A | 3A,  CA\_3C | CA\_n7A-n78A |
| DC\_3A-8A\_n78A | DC\_3A\_n78A  DC\_8A\_n78A | CA\_3A-8A | n78A |
| DC\_3A-19A\_n77A  DC\_3A-19A\_n77C | DC\_3A\_n77A  DC\_19A\_n77A | CA\_3A-19A | n77A  CA\_n77C |
| DC\_3A-19A\_n78A  DC\_3A-19A\_n78C | DC\_3A\_n78A  DC\_19A\_n78A | CA\_3A-19A | n78A  CA\_n78C |
| DC\_3A-19A\_n79A  DC\_3A-19A\_n79C | DC\_3A\_n79A  DC\_19A\_n79A | CA\_3A-19A | n79A  CA\_n79C |
| DC\_3A-20A\_n28A | DC\_3A\_n28A  DC\_20A\_n28A | CA\_3A-20A | n28A |
| DC\_3A-20A\_n78A | DC\_3A\_n78A  DC\_20A\_n78A | CA\_3A-20A | n78A |
| DC\_3C-20A\_n78A | DC\_3A\_n78A  DC\_20A\_n78A | CA\_3C-20A | n78A |
| DC\_3A\_n20A-n78A | DC\_3A\_n20A  DC\_3A\_n78A | 3A | CA\_n20A-n78A |
| DC\_3A-21A\_n77A  DC\_3A-21A\_n77C | DC\_3A\_n77A  DC\_21A\_n77A | CA\_3A-21A | n77A  CA\_n77C |
| DC\_3A-21A\_n78A  DC\_3A-21A\_n78C | DC\_3A\_n78A  DC\_21A\_n78A | CA\_3A-21A | n78A  CA\_n78C |
| DC\_3A-21A\_n79A  DC\_3A-21A\_n79C | DC\_3A\_n79A  DC\_21A\_n79A | CA\_3A-21A | n79A  CA\_n79C |
| DC\_3A-28A\_n77A  DC\_3A-28A\_n77C | DC\_3A\_n77A  DC\_28A\_n77A | CA\_3A-28A | n77A  CA\_n77C |
| DC\_3A-28A\_n78A  DC\_3A-28A\_n78C | DC\_3A\_n78A  DC\_28A\_n78A | CA\_3A-28A | n78A  CA\_n78C |
| DC\_3A-28A\_n79A  DC\_3A-28A\_n79C | DC\_3A\_n79A  DC\_28A\_n79A | CA\_3A-28A | n79A  CA\_n79C |
| DC\_3A\_n28A-n78A | DC\_3A\_n28A,  DC\_3A\_n78A | 3A | CA\_n28A-n78A |
| DC\_3C\_n28A-n78A | DC\_3A\_n28A,  DC\_3A\_n78A | 3A,  CA\_3C | CA\_n28A-n78A |
| DC\_3A-38A\_n78A | DC\_3A\_n78A | CA\_3A-38A | n78A |
| DC\_3A-41A\_n78A | DC\_3A\_n78A  DC\_41A\_n78A | CA\_3A-41A | n78A |
| DC\_3A\_n40A-n78A | DC\_3A\_n40A  DC\_3A\_n78A | 3A | CA\_n40A-n78A |
| DC\_3A-42A\_n77A  DC\_3A-42A\_n77C | DC\_3A\_n77A | CA\_3A-42A | n77A  CA\_n77C |
| DC\_3A-42A\_n78A  DC\_3A-42A\_n78C | DC\_3A\_n78A | CA\_3A-42A | n78A  CA\_n78C |
| DC\_3A-42A\_n79A  DC\_3A-42A\_n79C | DC\_3A\_n79A | CA\_3A-42A | n79A  CA\_n79C |
| DC\_3A-42C\_n77A  DC\_3A-42C\_n77C | DC\_3A\_n77A | CA\_3A-42C | n77A  CA\_n77C |
| DC\_3A-42C\_n78A  DC\_3A-42C\_n78C | DC\_3A\_n78A | CA\_3A-42C | n78A  CA\_n78C |
| DC\_3A-42C\_n79A  DC\_3A-42C\_n79C | DC\_3A\_n79A | CA\_3A-42C | n79A  CA\_n79C |
| DC\_3A-42D\_n77A | DC\_3A\_n77A | CA\_3A-42D | n77A |
| DC\_3A-42D\_n78A | DC\_3A\_n78A | CA\_3A-42D | n78A |
| DC\_3A-42D\_n79A | DC\_3A\_n79A | CA\_3A-42D | n79A |
| DC\_3A-42E\_n77A | DC\_3A\_n77A | CA\_3A-42E | n77A |
| DC\_3A-42E\_n78A | DC\_3A\_n78A | CA\_3A-42E | n78A |
| DC\_3A-42E\_n79A | DC\_3A\_n79A | CA\_3A-42E | n79A |
| DC\_3A\_n77A-n79A | DC\_3A\_n77A  DC\_3A\_n79A | 3A | CA\_n77A-n79A |
| DC\_3A\_n78A-n79A | DC\_3A\_n78A  DC\_3A\_n79A | 3A | CA\_n78A-n79A |
| DC\_3A\_SUL\_n78A-n80A | DC\_3A\_n78A  DC\_3A\_n80A\_ULSUP-TDM\_n78A  DC\_3A\_n80A\_ULSUP-FDM\_n78A | 3A | SUL\_n78A-n80A |
| DC\_3A\_SUL\_n78A-n82A | DC\_3A\_n78A  DC\_3A\_n82A | 3A | SUL\_n78A-n82A |
| DC\_3A\_SUL\_n79A-n80A | DC\_3A\_n79A,  DC\_3A\_n80A\_ULSUP-TDM\_n79A,  DC\_3A\_n80A\_ULSUP-FDM\_n79A | 3A | SUL\_n79A-n80A |
| DC\_5A-7A-7A\_n78A | DC\_5A\_n78A  DC\_7A\_n78A | CA\_5A-7A-7A | n78A |
| DC\_5A-7A\_n78A | DC\_5A\_n78A  DC\_7A\_n78A | CA\_5A-7A | n78A |
| DC\_5A-30A\_n66A | DC\_5A\_n66A  DC\_30A\_n66A | CA\_5A-30A | n66A |
| DC\_7A-20A\_n28A | DC\_7A\_n28A  DC\_20A\_n28A | CA\_7A-20A | n28A |
| DC\_7A-20A\_n78A | DC\_7A\_n78A  DC\_20A\_n78A | CA\_7A-20A | n78A |
| DC\_7A-28A\_n78A | DC\_7A\_n78A  DC\_28A\_n78A | CA\_7A-28A | n78A |
| DC\_7A\_n28A-n78A | DC\_7A\_n28A,  DC\_7A\_n78A | 7A | CA\_n28A-n78A |
| DC\_7C\_n28A-n78A | DC\_7A\_n28A,  DC\_7A\_n78A  DC\_7C\_n78A | 7A  CA\_7C | CA\_n28A-n78A |
| DC\_7C-28A\_n78A | DC\_7C\_n78A  DC\_28A\_n78A | CA\_7C-28A | n78A |
| DC\_7A-46A\_n78A3 | DC\_7A\_n78A | CA\_7A-46A | n78A |
| DC\_7A-46C\_n78A3 | DC\_7A\_n78A | CA\_7A-46C | n78A |
| DC\_7A-46D\_n78A3 | DC\_7A\_n78A | CA\_7A-46D | n78A |
| DC\_7A-46E\_n78A3 | DC\_7A\_n78A | CA\_7A-46E | n78A |
| DC\_8A\_SUL\_n78A-n81A | DC\_8A\_n78A,  DC\_8A\_n81A\_ULSUP-TDM\_n78A,  DC\_8A\_n81A\_ULSUP-FDM\_n78A | 8A | SUL\_n78A-n81A |
| DC\_8A\_SUL\_n79A-n81A | DC\_8A\_n79A,  DC\_8A\_n81A\_ULSUP-TDM\_n79A,  DC\_8A\_n81A\_ULSUP-FDM\_n79A | 8A | SUL\_n79A-n81A |
| DC\_12A-30A\_n66A | DC\_12A\_n66A  DC\_30A\_n66A | CA\_12A-30A | n66A |
| DC\_18A-28A\_n77A | DC\_18A\_n77A  DC\_28A\_n77A | CA\_18A-28A | n77A |
| DC\_18A-28A\_n78A | DC\_18A\_n78A  DC\_28A\_n78A | CA\_18A-28A | n78A |
| DC\_18A-28A\_n79A | DC\_18A\_n79A  DC\_28A\_n79A | CA\_18A-28A | n79A |
| DC\_19A-21A\_n78A  DC\_19A-21A\_n78C | DC\_19A\_n78A  DC\_21A\_n78A | CA\_19A-21A | n78A  CA\_n78C |
| DC\_19A-21A\_n79A  DC\_19A-21A\_n79C | DC\_19A\_n79A  DC\_21A\_n79A | CA\_19A-21A | n79A  CA\_n79C |
| DC\_19A-21A\_n77A  DC\_19A-21A\_n77C | DC\_19A\_n77A  DC\_21A\_n77A | CA\_19A-21A | n77A  CA\_n77C |
| DC\_19A-42A\_n77A  DC\_19A-42A\_n77C | DC\_19A\_n77A | CA\_19A-42A | n77A  CA\_n77C |
| DC\_19A-42A\_n78A  DC\_19A-42A\_n78C | DC\_19A\_n78A | CA\_19A-42A | n78A  CA\_n78C |
| DC\_19A-42A\_n79A  DC\_19A-42A\_n79C | DC\_19A\_n79A | CA\_19A-42A | n79A  CA\_n79C |
| DC\_19A-42C\_n77A  DC\_19A-42C\_n77C | DC\_19A\_n77A | CA\_19A-42C | n77A  CA\_n77C |
| DC\_19A-42C\_n78A  DC\_19A-42C\_n78C | DC\_19A\_n78A | CA\_19A-42C | n78A  CA\_n78C |
| DC\_19A-42C\_n79A  DC\_19A-42C\_n79C | DC\_19A\_n79A | CA\_19A-42C | n79A  CA\_n79C |
| DC\_19A\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A | 19A | CA\_n77A-n79A |
| DC\_19A\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A | 19A | CA\_n78A-n79A |
| DC\_20A\_n8A-n75A | DC\_20A\_n8A | 20A | CA\_n8A-n75A |
| DC\_20A\_n28A-n75A | DC\_20A\_n28A | 20A | CA\_n28A-n75A |
| DC\_20A\_n28A-n78A | DC\_20A\_n28A  DC\_20A\_n78A | 20A | CA\_n28A-n78A |
| DC\_20A\_n75A-n78A | DC\_20A\_n78A | 20A | CA\_n75A-n78A |
| DC\_20A\_n76A-n78A | DC\_20A\_n78A | 20A | CA\_n76A-n78A |
| DC\_20A\_SUL\_n78A-n82A | DC\_20A\_n78A,  DC\_20A\_n82A\_ULSUP-TDM\_n78A,  DC\_20A\_n82A\_ULSUP-FDM\_n78A | 20A | SUL\_n78A-n82A |
| DC\_20A\_SUL\_n78A-n83A | DC\_20A\_n78A  DC\_20A\_n83A | 20A | SUL\_n78A-n83A |
| DC\_21A-28A\_n77A  DC\_21A-28A\_n77C | DC\_21A\_n77A  DC\_28A\_n77A | CA\_21A-28A | n77A  CA\_n77C |
| DC\_21A-28A\_n78A  DC\_21A-28A\_n78C | DC\_21A\_n78A  DC\_28A\_n78A | CA\_21A-28A | n78A  CA\_n78C |
| DC\_21A-28A\_n79A  DC\_21A-28A\_n79C | DC\_21A\_n79A  DC\_28A\_n79A | CA\_21A-28A | n79A  CA\_n79C |
| DC\_21A-42A\_n77A  DC\_21A-42A\_n77C | DC\_21A\_n77A | CA\_21A-42A | n77A  CA\_n77C |
| DC\_21A-42A\_n78A  DC\_21A-42A\_n78C | DC\_21A\_n78A | CA\_21A-42A | n78A  CA\_n78C |
| DC\_21A-42A\_n79A  DC\_21A-42A\_n79C | DC\_21A\_n79A | CA\_21A-42A | n79A  CA\_n79C |
| DC\_21A-42C\_n77A  DC\_21A-42C\_n77C | DC\_21A\_n77A | CA\_21A-42C | n77A  CA\_n77C |
| DC\_21A-42C\_n78A  DC\_21A-42C\_n77C | DC\_21A\_n78A | CA\_21A-42C | n78A  CA\_n78C |
| DC\_21A-42C\_n79A  DC\_21A-42C\_n77C | DC\_21A\_n79A | CA\_21A-42C | n79A  CA\_n79C |
| DC\_21A\_n77A-n79A | DC\_21A\_n77A  DC\_21A\_n79A | 21A | CA\_n77A-n79A |
| DC\_21A\_n78A-n79A | DC\_21A\_n78A  DC\_21A\_n79A | 21A | CA\_n78A-n79A |
| DC\_28A\_SUL\_n78A-n83A | DC\_28A\_n78A,  DC\_28A\_n83A\_ULSUP-TDM\_n78A,  DC\_28A\_n83A\_ULSUP-FDM\_n78A | 28A | SUL\_n78A-n83A |
| DC\_28A\_n8A-n78A | DC\_28A\_n8A  DC\_28A\_n78A | 28A | CA\_n8A-n78A |
| DC\_28A-42A\_n77A  DC\_28A-42A\_n77C | DC\_28A\_n77A | CA\_28A-42A | n77A  CA\_n77C |
| DC\_28A-42A\_n78A  DC\_28A-42A\_n78C | DC\_28A\_n78A | CA\_28A-42A | n78A  CA\_n78C |
| DC\_28A-42A\_n79A  DC\_28A-42A\_n79C | DC\_28A\_n79A | CA\_28A-42A | n79A  CA\_n79C |
| DC\_28A-42C\_n77A | DC\_28A\_n77A | CA\_28A-42C | n77A |
| DC\_28A-42C\_n78A | DC\_28A\_n78A | CA\_28A-42C | n78A |
| DC\_28A-42C\_n79A | DC\_28A\_n79A | CA\_28A-42C | n79A |
| DC\_41A-42A\_n77A | DC\_41A\_n77A | CA\_41A-42A | n77A |
| DC\_41C-42C\_n77A | DC\_41A\_n77A | CA\_41C-42C | n77A |
| DC\_41A-42C\_n77A | DC\_41A\_n77A | CA\_41A-42C | n77A |
| DC\_41C-42A\_n77A | DC\_41C\_n77A | CA\_41C-42A | n77A |
| DC\_41A-42A\_n78A | DC\_41A\_n78A | CA\_41A-42A | n78A |
| DC\_41C-42A\_n78A | DC\_41C\_n78A | CA\_41C-42A | n78A |
| DC\_41C-42C\_n78A | DC\_41A\_n78A | CA\_41C-42C | n78A |
| DC\_41A-42C\_n78A | DC\_41A\_n78A | CA\_41A-42C | n78A |
| DC\_41A-42A\_n79A  DC\_41A-42C\_n79A | DC\_41A\_n79A | CA\_41A-42A  CA\_41A-42C | n79A |
| DC\_41C-42C\_n79A | DC\_41A\_n79A | CA\_41C-42C | n79A |
| DC\_41C-42A\_n79A | DC\_41C\_n79A | CA\_41C-42A | n79A |
| DC\_66A\_(n)71AA | DC\_66A\_n71A  DC\_(n)71AA | CA\_66A\_71A | n71A |
| DC\_66A\_SUL\_n78A-n86A | DC\_66A\_n78A,  DC\_66A\_n86A\_ULSUP-TDM\_n78A,  DC\_66A\_n86A\_ULSUP-FDM\_n78A | 66A | SUL\_n78A-n86A |
| NOTE 1: Uplink CA configurations are the configurations supported by the present release of specifications.  NOTE 2: Only single switched UL is supported in Rel.15  NOTE 3: Restricted to E-UTRA operation when inter-band carrier aggregation is configured. The downlink operating band for Band 46 is paired with the uplink operating band (external E-UTRA band) of the carrier aggregation configuration that is supporting the configured Pcell. | | | |

#### 5.5B.4.3 Inter-band EN-DC configurations within FR1 (four bands)

Table 5.5B.4.3-1: Inter-band EN-DC configurations within FR1 (four bands)

| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | E-UTRA configuration | NR configuration |
| --- | --- | --- | --- |
| DC\_1A-3A-5A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A | CA\_1A-3A-5A | n78A |
| DC\_1A-3A-7A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_7A\_n28A | CA\_1A-3A-7A | n28A |
| DC\_1A-3A-7A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A | CA\_1A-3A-7A | n78A |
| DC\_1A-3C-7A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A | CA\_1A-3C-7A | n78A |
| DC\_1A-3A\_n7A-n78A | DC\_1A\_n7A  DC\_1A\_n78A  DC\_3A\_n7A  DC\_3A\_n78A | CA\_1A-3A | CA\_n7A-n78A |
| DC\_1A-3C\_n7A-n78A | DC\_1A\_n7A  DC\_1A\_n78A  DC\_3A\_n7A  DC\_3A\_n78A  DC\_3C\_n7A  DC\_3C\_n78A | CA\_1A-3A  CA\_1A-3C | CA\_n7A-n78A |
| DC\_1A-3A-7A-7A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A | CA\_1A-3A-7A-7A | n78A |
| DC\_1A-3A-8A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A | CA\_1A-3A-8A | n78A |
| DC\_1A-3A-19A\_n77A  DC\_1A-3A-19A\_n77C | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A | CA\_1A-3A-19A | n77A  CA\_n77C |
| DC\_1A-3A-19A\_n78A  DC\_1A-3A-19A\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A | CA\_1A-3A-19A | n78A  CA\_n78C |
| DC\_1A-3A-19A\_n79A  DC\_1A-3A-19A\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A | CA\_1A-3A-19A | n79A  CA\_n79C |
| DC\_1A-3A-20A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_20A\_n28A | CA\_1A-3A-20A | n28A |
| DC\_1A-3A-20A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A | CA\_1A-3A-20A | n78A |
| DC\_1A-3A-21A\_n77A  DC\_1A-3A-21A\_n77C | DC\_1A\_n77A  DC\_3A\_n77A  DC\_21A\_n77A | CA\_1A-3A-21A | n77A  CA\_n77C |
| DC\_1A-3A-21A\_n78A  DC\_1A-3A-21A\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_21A\_n78A | CA\_1A-3A-21A | n78A  CA\_n78C |
| DC\_1A-3A-21A\_n79A  DC\_1A-3A-21A\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_21A\_n79A | CA\_1A-3A-21A | n79A  CA\_n79C |
| DC\_1A-3A-28A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_28A\_n77A | CA\_1A-3A-28A | n77A |
| DC\_1A-3A-28A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A | CA\_1A-3A-28A | n78A |
| DC\_1A-3A-28A\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_28A\_n79A | CA\_1A-3A-28A | n79A |
| DC\_1A-3A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A | CA\_1A-3A | CA\_n28A-n78A |
| DC\_1A-3C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n28A  DC\_3C\_n78A | CA\_1A-3A,  CA\_1A-3C | CA\_n28A-n78A |
| DC\_1A-3A-42A\_n77A  DC\_1A-3A-42A\_n77C | DC\_1A\_n77A  DC\_3A\_n77A | CA\_1A-3A-42A | n77A  CA\_n77C |
| DC\_1A-3A-42A\_n78A  DC\_1A-3A-42A\_n78C | DC\_1A\_n78A  DC\_3A\_n78A | CA\_1A-3A-42A | n78A  CA\_n78C |
| DC\_1A-3A-42A\_n79A  DC\_1A-3A-42A\_n79C | DC\_1A\_n79A  DC\_3A\_n79A | CA\_1A-3A-42A | n79A  CA\_n79C |
| DC\_1A-3A-42C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A | CA\_1A-3A-42C | n77A |
| DC\_1A-3A-42C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A | CA\_1A-3A-42C | n78A |
| DC\_1A-3A-42C\_n79A | DC\_1A\_n79A  DC\_3A\_n79A | CA\_1A-3A-42C | n79A |
| DC\_1A-3A-42C\_n77C | DC\_1A\_n77A  DC\_3A\_n77A | CA\_1A-3A-42C | CA\_n77C |
| DC\_1A-3A-42C\_n78C | DC\_1A\_n78A  DC\_3A\_n78A | CA\_1A-3A-42C | CA\_n78C |
| DC\_1A-3A-42C\_n79C | DC\_1A\_n79A  DC\_3A\_n79A | CA\_1A-3A-42C | CA\_n79C |
| DC\_1A-5A-7A\_n78A | DC\_1A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A | CA\_1A-5A-7A | n78A |
| DC\_1A-5A-7A-7A\_n78A | DC\_1A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A | CA\_1A-5A-7A-7A | n78A |
| DC\_1A-7A-20A\_n28A | DC\_1A\_n28A  DC\_7A\_n28A  DC\_20A\_n28A | CA\_1A-7A-20A | n28A |
| DC\_1A-7A-20A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A | CA\_1A-7A-20A | n78A |
| DC\_1A-7A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A | CA\_1A-7A | CA\_n28A-n78A |
| DC\_1A-7C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_7C\_n28A  DC\_7C\_n78A | CA\_1A-7A,  CA\_1A-7C | CA\_n28A-n78A |
| DC\_1A-18A-28A\_n77A | DC\_1A\_n77A  DC\_18A\_n77A  DC\_28A\_n77A | CA\_1A-18A-28A | n77A |
| DC\_1A-18A-28A\_n78A | DC\_1A\_n78A  DC\_18A\_n78A  DC\_28A\_n78A | CA\_1A-18A-28A | n78A |
| DC\_1A-18A-28A\_n79A | DC\_1A\_n79A  DC\_18A\_n79A  DC\_28A\_n79A | CA\_1A-18A-28A | n79A |
| DC\_1A-19A-21A\_n77A  DC\_1A-19A-21A\_n77C | DC\_1A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A | CA\_1A-19A-21A | CA\_n77A  CA\_n77C |
| DC\_1A-19A-21A\_n78A  DC\_1A-19A-21A\_n78C | DC\_1A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A | CA\_1A-19A-21A | CA\_n78A  CA\_n78C |
| DC\_1A-19A-21A\_n79A  DC\_1A-19A-21A\_n79C | DC\_1A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A | CA\_1A-19A-21A | CA\_n79A  CA\_n79C |
| DC\_1A-19A-42A\_n77A  DC\_1A-19A-42A\_n77C | DC\_1A\_n77A  DC\_19A\_n77A | CA\_1A-19A-42A | n77A  CA\_n77C |
| DC\_1A-19A-42A\_n78A  DC\_1A-19A-42A\_n78C | DC\_1A\_n78A  DC\_19A\_n78A | CA\_1A-19A-42A | n78A  CA\_n78C |
| DC\_1A-19A-42A\_n79A  DC\_1A-19A-42A\_n79C | DC\_1A\_n79A  DC\_19A\_n79A | CA\_1A-19A-42A | n79A  CA\_n79C |
| DC\_1A-19A-42C\_n77A | DC\_1A\_n77A  DC\_19A\_n77A | CA\_1A-19A-42C | n77A |
| DC\_1A-19A-42C\_n78A | DC\_1A\_n78A  DC\_19A\_n78A | CA\_1A-19A-42C | n78A |
| DC\_1A-19A-42C\_n79A | DC\_1A\_n79A  DC\_19A\_n79A | CA\_1A-19A-42C | n79A |
| DC\_1A-19A-42C\_n77C | DC\_1A\_n77A  DC\_19A\_n77A | CA\_1A-19A-42C | CA\_n77C |
| DC\_1A-19A-42C\_n78C | DC\_1A\_n78A  DC\_19A\_n78A | CA\_1A-19A-42C | CA\_n78C |
| DC\_1A-19A-42C\_n79C | DC\_1A\_n79A  DC\_19A\_n79A | CA\_1A-19A-42C | CA\_n79C |
| DC\_1A-20A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A | CA\_1A-20A | CA\_n28A-n78A |
| DC\_1A-21A-28A\_n77A | DC\_1A\_n77A  DC\_21A\_n77A  DC\_28A\_n77A | CA\_1A-21A-28A | n77A |
| DC\_1A-21A-28A\_n78A | DC\_1A\_n78A  DC\_21A\_n78A  DC\_28A\_n78A | CA\_1A-21A-28A | n78A |
| DC\_1A-21A-28A\_n79A | DC\_1A\_n79A  DC\_21A\_n79A  DC\_28A\_n79A | CA\_1A-21A-28A | n79A |
| DC\_1A-21A-42A\_n77A  DC\_1A-21A-42A\_n77C | DC\_1A\_n77A  DC\_21A\_n77A | CA\_1A-21A-42A | n77A  CA\_n77C |
| DC\_1A-21A-42A\_n78A  DC\_1A-21A-42A\_n78C | DC\_1A\_n78A  DC\_21A\_n78A | CA\_1A-21A-42A | n78A  CA\_n78C |
| DC\_1A-21A-42A\_n79A  DC\_1A-21A-42A\_n79C | DC\_1A\_n79A  DC\_21A\_n79A | CA\_1A-21A-42A | n79A  CA\_n79C |
| DC\_1A-21A-42C\_n77A | DC\_1A\_n77A  DC\_21A\_n77A | CA\_1A-21A-42C | n77A |
| DC\_1A-21A-42C\_n78A | DC\_1A\_n78A  DC\_21A\_n78A | CA\_1A-21A-42C | n78A |
| DC\_1A-21A-42C\_n79A | DC\_1A\_n79A  DC\_21A\_n79A | CA\_1A-21A-42C | n79A |
| DC\_1A-21A-42C\_n77C | DC\_1A\_n77A  DC\_21A\_n77A | CA\_1A-21A-42C | CA\_n77C |
| DC\_1A-21A-42C\_n78C | DC\_1A\_n78A  DC\_21A\_n78A | CA\_1A-21A-42C | CA\_n78C |
| DC\_1A-21A-42C\_n79C | DC\_1A\_n79A  DC\_21A\_n79A | CA\_1A-21A-42C | CA\_n79C |
| DC\_1A-28A-42A\_n77A | DC\_1A\_n77A  DC\_28A\_n77A | CA\_1A-28A-42A | n77A |
| DC\_1A-28A-42A\_n78A | DC\_1A\_n78A  DC\_28A\_n78A | CA\_1A-28A-42A | n78A |
| DC\_1A-28A-42A\_n79A | DC\_1A\_n79A  DC\_28A\_n79A | CA\_1A-28A-42A | n79A |
| DC\_1A-28A-42C\_n77A | DC\_1A\_n77A  DC\_28A\_n77A | CA\_1A-28A-42C | n77A |
| DC\_1A-28A-42C\_n78A | DC\_1A\_n78A  DC\_28A\_n78A | CA\_1A-28A-42C | n78A |
| DC\_1A-28A-42C\_n79A | DC\_1A\_n79A  DC\_28A\_n79A | CA\_1A-28A-42C | n79A |
| DC\_1A-41A-42A\_n77A | DC\_1A\_n77A  DC\_41A\_n77A | CA\_1A-41A-42A | n77A |
| DC\_1A-41A-42C\_n77A | DC\_1A\_n77A  DC\_41A\_n77A | CA\_1A-41A-42C | n77A |
| DC\_1A-41C-42A\_n77A | DC\_1A\_n77A  DC\_41A\_n77A | CA\_1A-41C-42A | n77A |
| DC\_1A-41A-42A\_n78A | DC\_1A\_n78A  DC\_41A\_n78A | CA\_1A-41A-42A | n78A |
| DC\_1A-41A-42C\_n78A | DC\_1A\_n78A  DC\_41A\_n78A | CA\_1A-41A-42C | n78A |
| DC\_1A-41C-42A\_n78A | DC\_1A\_n78A  DC\_41A\_n78A | CA\_1A-41C-42A | n78A |
| DC\_1A-41A-42A\_n79A | DC\_1A\_n79A  DC\_41A\_n79A | CA\_1A-41A-42A | n79A |
| DC\_1A-41A-42C\_n79A | DC\_1A\_n79A  DC\_41A\_n79A | CA\_1A-41A-42C | n79A |
| DC\_1A-41C-42A\_n79A | DC\_1A\_n79A  DC\_41A\_n79A | CA\_1A-41C-42A | n79A |
| DC\_1A-41C-42C\_n77A | DC\_1A\_n77A  DC\_41A\_n77A | CA\_1A-41C-42C | n77A |
| DC\_1A-41C-42C\_n78A | DC\_1A\_n78A  DC\_41A\_n78A | CA\_1A-41C-42C | n78A |
| DC\_1A-41C-42C\_n79A | DC\_1A\_n79A  DC\_41A\_n79A | CA\_1A-41C-42C | n79A |
| DC\_2A-66A-(n)71AA | DC\_2A\_n71A  DC\_66A\_n71A  DC\_(n)71AA | CA\_2A-66A-71A | n71A |
| DC\_3A-5A-7A-7A\_n78A | DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A | CA\_3A-5A-7A-7A | n78A |
| DC\_3A-5A-7A\_n78A | DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A | CA\_3A-5A-7A | n78A |
| DC\_3A-7A-20A\_n28A | DC\_3A\_n28A  DC\_7A\_n28A  DC\_20A\_n28A | CA\_3A-7A-20A | n28A |
| DC\_3A-7A-20A\_n78A | DC\_3A\_n78A  DC\_20A\_n78A  DC\_7A\_n78A | CA\_3A-7A-20A | n78A |
| DC\_3A-7A-28A\_n78A | DC\_3A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A | CA\_3A-7A-28A | n78A |
| DC\_3A-7C-28A\_n78A | DC\_3A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A | CA\_3A-7C-28A | n78A |
| DC\_3A-7A\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A | CA\_3A-7A | CA\_n28A-n78A |
| DC\_3A-7C\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_7C\_n28A  DC\_7C\_n78A | CA\_3A-7A  CA\_3A-7C | CA\_n28A-n78A |
| DC\_3C-7A\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_3C\_n28A  DC\_3C\_n78A | CA\_3A-7A  CA\_3C-7A | CA\_n28A-n78A |
| DC\_3C-7C\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_3C\_n28A  DC\_3C\_n78A  DC\_7C\_n28A  DC\_7C\_n78A | CA\_3A-7A  CA\_3C-7A  CA\_3A-7C  CA\_3C-7C | CA\_n28A-n78A |
| DC\_3A-19A-21A\_n77A  DC\_3A-19A-21A\_n77C | DC\_3A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A | CA\_3A-19A-21A | n77A  CA\_n77C |
| DC\_3A-19A-21A\_n78A  DC\_3A-19A-21A\_n78C | DC\_3A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A | CA\_3A-19A-21A | n78A  CA\_n78C |
| DC\_3A-19A-21A\_n79A  DC\_3A-19A-21A\_n79C | DC\_3A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A | CA\_3A-19A-21A | n79A  CA\_n79C |
| DC\_3A-19A-42A\_n77A  DC\_3A-19A-42A\_n77C | DC\_3A\_n77A  DC\_19A\_n77A | CA\_3A-19A-42A | n77A  CA\_n77C |
| DC\_3A-19A-42C\_n77A  DC\_3A-19A-42C\_n77C | DC\_3A\_n77A  DC\_19A\_n77A | CA\_3A-19A-42C | n77A  CA\_n77C |
| DC\_3A-19A-42A\_n78A  DC\_3A-19A-42A\_n78C | DC\_3A\_n78A  DC\_19A\_n78A | CA\_3A-19A-42A | n78A  CA\_n78C |
| DC\_3A-19A-42C\_n78A  DC\_3A-19A-42C\_n78C | DC\_3A\_n78A  DC\_19A\_n78A | CA\_3A-19A-42C | n78A  CA\_n78C |
| DC\_3A-19A-42A\_n79A  DC\_3A-19A-42A\_n79C | DC\_3A\_n79A  DC\_19A\_n79A | CA\_3A-19A-42A | n79A  CA\_n79C |
| DC\_3A-19A-42C\_n79A  DC\_3A-19A-42C\_n79C | DC\_3A\_n79A  DC\_19A\_n79A | CA\_3A-19A-42C | n79A  CA\_n79C |
| DC\_3A-20A\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A | CA\_3A-20A | CA\_n28A-n78A |
| DC\_3A-21A-42A\_n77A  DC\_3A-21A-42A\_n77C | DC\_3A\_n77A  DC\_21A\_n77A | CA\_3A-21A-42A | n77A  CA\_n77C |
| DC\_3A-21A-42A\_n78A  DC\_3A-21A-42A\_n78C | DC\_3A\_n78A  DC\_21A\_n78A | CA\_3A-21A-42A | n78A  CA\_n78C |
| DC\_3A-21A-42A\_n79A  DC\_3A-21A-42A\_n79C | DC\_3A\_n79A  DC\_21A\_n79A | CA\_3A-21A-42A | n79A  CA\_n79C |
| DC\_3A-21A-42C\_n77A | DC\_3A\_n77A  DC\_21A\_n77A | CA\_3A-21A-42C | n77A |
| DC\_3A-21A-42C\_n78A | DC\_3A\_n78A  DC\_21A\_n78A | CA\_3A-21A-42C | n78A |
| DC\_3A-21A-42C\_n79A | DC\_3A\_n79A  DC\_21A\_n79A | CA\_3A-21A-42C | n79A |
| DC\_3A-21A-42C\_n77C | DC\_3A\_n77A  DC\_21A\_n77A | CA\_3A-21A-42C | CA\_n77C |
| DC\_3A-21A-42C\_n78C | DC\_3A\_n78A  DC\_21A\_n78A | CA\_3A-21A-42C | CA\_n78C |
| DC\_3A-21A-42C\_n79C | DC\_3A\_n79A  DC\_21A\_n79A | CA\_3A-21A-42C | CA\_n79C |
| DC\_3A-28A-42A\_n77A | DC\_3A\_n77A  DC\_28A\_n77A | CA\_3A-28A-42A | n77A |
| DC\_3A-28A-42A\_n78A | DC\_3A\_n78A  DC\_28A\_n78A | CA\_3A-28A-42A | n78A |
| DC\_3A-28A-42A\_n79A | DC\_3A\_n79A  DC\_28A\_n79A | CA\_3A-28A-42A | n79A |
| DC\_3A-28A-42C\_n77A | DC\_3A\_n77A  DC\_28A\_n77A | CA\_3A-28A-42C | n77A |
| DC\_3A-28A-42C\_n78A | DC\_3A\_n78A  DC\_28A\_n78A | CA\_3A-28A-42C | n78A |
| DC\_3A-28A-42C\_n79A | DC\_3A\_n79A  DC\_28A\_n79A | CA\_3A-28A-42C | n79A |
| DC\_7A-20A\_n28A-n78A | DC\_7A\_n28A  DC\_7A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A | CA\_7A-20A | CA\_n28A-n78A |
| DC\_19A-21A-42A\_n77A  DC\_19A-21A-42A\_n77C | DC\_19A\_n77A  DC\_21A\_n77A | CA\_19A-21A-42A | n77A  CA\_n77C |
| DC\_19A-21A-42A\_n78A  DC\_19A-21A-42A\_n78C | DC\_19A\_n78A  DC\_21A\_n78A | CA\_19A-21A-42A | n78A  CA\_n78C |
| DC\_19A-21A-42A\_n79A  DC\_19A-21A-42A\_n79C | DC\_19A\_n79A  DC\_21A\_n79A | CA\_19A-21A-42A | n79A  CA\_n79C |
| DC\_19A-21A-42C\_n77A | DC\_19A\_n77A  DC\_21A\_n77A | CA\_19A-21A-42C | n77A |
| DC\_19A-21A-42C\_n78A | DC\_19A\_n78A  DC\_21A\_n78A | CA\_19A-21A-42C | n78A |
| DC\_19A-21A-42C\_n79A | DC\_19A\_n79A  DC\_21A\_n79A | CA\_19A-21A-42C | n79A |
| DC\_19A-21A-42C\_n77C | DC\_19A\_n77A  DC\_21A\_n77A | CA\_19A-21A-42C | CA\_n77C |
| DC\_19A-21A-42C\_n78C | DC\_19A\_n78A  DC\_21A\_n78A | CA\_19A-21A-42C | CA\_n78C |
| DC\_19A-21A-42C\_n79C | DC\_19A\_n79A  DC\_21A\_n79A | CA\_19A-21A-42C | CA\_n79C |
| DC\_21A-28A-42A\_n77A | DC\_21A\_n77A  DC\_28A\_n77A | CA\_21A-28A-42A | n77A |
| DC\_21A-28A-42A\_n78A | DC\_21A\_n78A  DC\_28A\_n78A | CA\_21A-28A-42A | n78A |
| DC\_21A-28A-42A\_n79A | DC\_21A\_n79A  DC\_28A\_n79A | CA\_21A-28A-42A | n79A |
| DC\_21A-28A-42C\_n77A | DC\_21A\_n77A  DC\_28A\_n77A | CA\_21A-28A-42C | n77A |
| DC\_21A-28A-42C\_n78A | DC\_21A\_n78A  DC\_28A\_n78A | CA\_21A-28A-42C | n78A |
| DC\_21A-28A-42C\_n79A | DC\_21A\_n79A  DC\_28A\_n79A | CA\_21A-28A-42C | n79A |
| NOTE 1: Uplink CA configurations are the configurations supported by the present release of specifications. | | | |

#### 5.5B.4.4 Inter-band EN-DC configurations within FR1 (five bands)

Table 5.5B.4.4-1: Inter-band EN-DC configurations within FR1 (five bands)

| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | E-UTRA configuration | NR configuration |
| --- | --- | --- | --- |
| DC\_1A-3A-5A-7A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A | CA\_1A-3A-5A-7A | n78A |
| DC\_1A-3A-7A-20A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_7A\_n28A  DC\_20A\_n28A | CA\_1A-3A-7A-20A | n28A |
| DC\_1A-3A-5A-7A-7A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A | CA\_1A-3A-5A-7A-7A | n78A |
| DC\_1A-3A-7A-20A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A | CA\_1A-3A-7A-20A | n78A |
| DC\_1A-3A-7A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A | CA\_1A-3A-7A | CA\_n28A-n78A |
| DC\_1A-3A-7C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_7C\_n28A  DC\_7C\_n78A | CA\_1A-3A-7A  CA\_1A-3A-7C | CA\_n28A-n78A |
| DC\_1A-3C-7A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n28A  DC\_3C\_n78A  DC\_7A\_n28A  DC\_7A\_n78A | CA\_1A-3A-7A  CA\_1A-3C-7A | CA\_n28A-n78A |
| DC\_1A-3C-7C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n28A  DC\_3C\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_7C\_n28A  DC\_7C\_n78A | CA\_1A-3A-7A  CA\_1A-3C-7A  CA\_1A-3A-7C  CA\_1A-3C-7C | CA\_n28A-n78A |
| DC\_1A-3A-19A-21A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A | CA\_1A-3A-19A-21A | n77A |
| DC\_1A-3A-19A-21A\_n77C | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A | CA\_1A-3A-19A-21A | CA\_n77C |
| DC\_1A-3A-19A-21A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A | CA\_1A-3A-19A-21A | n78A |
| DC\_1A-3A-19A-21A\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A | CA\_1A-3A-19A-21A | CA\_n78C |
| DC\_1A-3A-19A-21A\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A | CA\_1A-3A-19A-21A | n79A |
| DC\_1A-3A-19A-21A\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A | CA\_1A-3A-19A-21A | CA\_n79C |
| DC\_1A-3A-19A-42A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A | CA\_1A-3A-19A-42A | n77A |
| DC\_1A-3A-19A-42A\_n77C | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A | CA\_1A-3A-19A-42A | CA\_n77C |
| DC\_1A-3A-19A-42C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A | CA\_1A-3A-19A-42C | n77A |
| DC\_1A-3A-19A-42C\_n77C | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A | CA\_1A-3A-19A-42C | CA\_n77C |
| DC\_1A-3A-19A-42A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A | CA\_1A-3A-19A-42A | n78A |
| DC\_1A-3A-19A-42A\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78 | CA\_1A-3A-19A-42A | CA\_n78C |
| DC\_1A-3A-19A-42C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A | CA\_1A-3A-19A-42C | n78A |
| DC\_1A-3A-19A-42C\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A | CA\_1A-3A-19A-42C | CA\_n78C |
| DC\_1A-3A-19A-42A\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A | CA\_1A-3A-19A-42A | n79A |
| DC\_1A-3A-19A-42A\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A | CA\_1A-3A-19A-42A | CA\_n79C |
| DC\_1A-3A-19A-42C\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A | CA\_1A-3A-19A-42C | n79A |
| DC\_1A-3A-19A-42C\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A | CA\_1A-3A-19A-42C | CA\_n79C |
| DC\_1A-3A-20A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A | CA\_1A-3A-20A | CA\_n28A-n78A |
| DC\_1A-3A-21A-42A\_n77A  DC\_1A-3A-21A-42A\_n77C | DC\_1A\_n77A  DC\_3A\_n77A  DC\_21A\_n77A | CA\_1A-3A-21A-42A | n77A  CA\_n77C |
| DC\_1A-3A-21A-42A\_n78A  DC\_1A-3A-21A-42A\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_21A\_n78A | CA\_1A-3A-21A-42A | n78A  CA\_n78C |
| DC\_1A-3A-21A-42A\_n79A  DC\_1A-3A-21A-42A\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A | CA\_1A-3A-21A-42A | n79A  CA\_n79C |
| DC\_1A-3A-21A-42C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_21A\_n77A | CA\_1A-3A-21A-42C | n77A |
| DC\_1A-3A-21A-42C\_n77C | DC\_1A\_n77A  DC\_3A\_n77A  DC\_21A\_n77A | CA\_1A-3A-21A-42C | CA\_n77C |
| DC\_1A-3A-21A-42C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_21A\_n78A | CA\_1A-3A-21A-42C | n78A |
| DC\_1A-3A-21A-42C\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_21A\_n78A | CA\_1A-3A-21A-42C | CA\_n78C |
| DC\_1A-3A-21A-42C\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_21A\_n79A | CA\_1A-3A-21A-42C | n79A |
| DC\_1A-3A-21A-42C\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_21A\_n79A | CA\_1A-3A-21A-42C | CA\_n79C |
| DC\_1A-3A-28A-42A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_28A\_n77A | CA\_1A-3A-28A-42A | n77A |
| DC\_1A-3A-28A-42A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A | CA\_1A-3A-28A-42A | n78A |
| DC\_1A-3A-28A-42A\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_28A\_n79A | CA\_1A-3A-28A-42A | n79A |
| DC\_1A-3A-28A-42C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_28A\_n77A | CA\_1A-3A-28A-42C | n77A |
| DC\_1A-3A-28A-42C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A | CA\_1A-3A-28A-42C | n78A |
| DC\_1A-3A-28A-42C\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_28A\_n79A | CA\_1A-3A-28A-42C | n79A |
| DC\_1A-7A-20A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A | CA\_1A-7A-20A | CA\_n28A-n78A |
| DC\_1A-19A-21A-42A\_n77A | DC\_1A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A | CA\_1A-19A-21A-42A | n77A |
| DC\_1A-19A-21A-42A\_n78A | DC\_1A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A | CA\_1A-19A-21A-42A | n78A |
| DC\_1A-19A-21A-42A\_n79A | DC\_1A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A | CA\_1A-19A-21A-42A | n79A |
| DC\_1A-19A-21A-42A\_n77C | DC\_1A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A | CA\_1A-19A-21A-42A | CA\_n77C |
| DC\_1A-19A-21A-42A\_n78C | DC\_1A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A | CA\_1A-19A-21A-42A | CA\_n78C |
| DC\_1A-19A-21A-42A\_n79C | DC\_1A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A | CA\_1A-19A-21A-42A | CA\_n79C |
| DC\_1A-19A-21A-42C\_n77A | DC\_1A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A | CA\_1A-19A-21A-42C | n77A |
| DC\_1A-19A-21A-42C\_n77C | DC\_1A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A | CA\_1A-19A-21A-42C | CA\_n77C |
| DC\_1A-19A-21A-42C\_n78A | DC\_1A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A | CA\_1A-19A-21A-42C | n78A |
| DC\_1A-19A-21A-42C\_n78C | DC\_1A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A | CA\_1A-19A-21A-42C | CA\_n78C |
| DC\_1A-19A-21A-42C\_n79A | DC\_1A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A | CA\_1A-19A-21A-42C | n79A |
| DC\_1A-19A-21A-42C\_n79C | DC\_1A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A | CA\_1A-19A-21A-42C | CA\_n79C |
| DC\_1A-21A-28A-42A\_n77A | DC\_1A\_n77A  DC\_21A\_n77A  DC\_28A\_n77A | CA\_1A-21A-28A-42A | n77A |
| DC\_1A-21A-28A-42A\_n78A | DC\_1A\_n78A  DC\_21A\_n78A  DC\_28A\_n78A | CA\_1A-21A-28A-42A | n78A |
| DC\_1A-21A-28A-42A\_n79A | DC\_1A\_n79A  DC\_21A\_n79A  DC\_28A\_n79A | CA\_1A-21A-28A-42A | n79A |
| DC\_1A-21A-28A-42C\_n77A | DC\_1A\_n77A  DC\_21A\_n77A  DC\_28A\_n77A | CA\_1A-21A-28A-42C | n77A |
| DC\_1A-21A-28A-42C\_n78A | DC\_1A\_n78A  DC\_21A\_n78A  DC\_28A\_n78A | CA\_1A-21A-28A-42C | n78A |
| DC\_1A-21A-28A-42C\_n79A | DC\_1A\_n79A  DC\_21A\_n79A  DC\_28A\_n79A | CA\_1A-21A-28A-42C | n79A |
| DC\_3A-7A-20A\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A | CA\_3A-7A-20A | CA\_n28A-n78A |
| NOTE 1: Uplink CA configurations are the configurations supported by the present release of specifications. | | | |

#### 5.5B.4.5 Inter-band EN-DC configurations within FR1 (six bands)

Table 5.5B.4.5-1: Inter-band EN-DC configurations within FR1 (six bands)

|  |  |  |  |
| --- | --- | --- | --- |
| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | E-UTRA configuration | NR configuration |
| DC\_1A-3A-7A-20A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A | CA\_1A-3A-7A-20A | CA\_n28A-n78A |
| NOTE 1: Uplink CA configurations are the configurations supported by the present release of specifications. | | | |

### 5.5B.5 Inter-band EN-DC including FR2

Supported channel bandwidths for E-UTRA operating bands and CA configurations are defined in TS 36.101 [4] and for NR operating bands and CA configurations in TS 38.101-1 [2], TS 38.101-2 [3] and TS 38.101-3.

#### 5.5B.5.1 Inter-band EN-DC configurations including FR2 (two bands)

Table 5.5B.5.1-1: Inter-band EN-DC configurations including FR2 (two bands)

| **EN-DC**  **configuration** | **Uplink EN-DC**  **configuration**  **(NOTE 1)** | **E-UTRA configuration** | **NR configuration** |
| --- | --- | --- | --- |
| DC\_1A\_n257A  DC\_1A\_n257D DC\_1A\_n257E DC\_1A\_n257F | DC\_1A\_n257A | 1A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_2A\_n257A  DC\_2A\_n257(2A) | DC\_2A\_n257A | 2A | n257A  CA\_n257(2A) |
| DC\_2A-2A\_n257A | DC\_2A\_n257A | CA\_2A-2A | n257A |
| DC\_2A\_n257A | DC\_2A\_n257A | 2A | n257A |
| DC\_2C\_n257A | DC\_2A\_n257A | CA\_2C | n257A |
| DC\_2A\_n260A  DC\_2A\_n260G  DC\_2A\_n260H  DC\_2A\_n260I  DC\_2A\_n260J  DC\_2A\_n260K  DC\_2A\_n260L  DC\_2A\_n260M  DC\_2A\_n260(2A) | DC\_2A\_n260A | 2A | n260A  CA\_n260G  CA\_n260H  CA\_n260I  CA\_n260J  CA\_n260K  CA\_n260L  CA\_n260M  CA\_n260(2A) |
| DC\_2A-2A\_n260A  DC\_2A-2A\_n260G  DC\_2A-2A\_n260H  DC\_2A-2A\_n260I  DC\_2A-2A\_n260J  DC\_2A-2A\_n260K  DC\_2A-2A\_n260L  DC\_2A-2A\_n260M | DC\_2A\_n260A | CA\_2A-2A | n260A  CA\_n260G  CA\_n260H  CA\_n260I  CA\_n260J  CA\_n260K  CA\_n260L  CA\_n260M |
| DC\_2C\_n260A | DC\_2A\_n260A | CA\_2C | n260A |
| DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257E  DC\_3A\_n257F | DC\_3A\_n257A | 3A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_3A\_n258A | DC\_3A\_n258A | 3A | n258A |
| DC\_5A-5A\_n257A | DC\_5A\_n257A | CA\_5A-5A | n257A |
| DC\_5A-5A\_n260A | DC\_5A\_n260A | CA\_5A-5A | n260A |
| DC\_5A\_n257A | DC\_5A\_n257A | 5A | n257A |
| DC\_5A\_n260A  DC\_5A\_n260B  DC\_5A\_n260C  DC\_5A\_n260D  DC\_5A\_n260E  DC\_5A\_n260F  DC\_5A\_n260G  DC\_5A\_n260H  DC\_5A\_n260I  DC\_5A\_n260J  DC\_5A\_n260K  DC\_5A\_n260L  DC\_5A\_n260M  DC\_5A\_n260O  DC\_5A\_n260P  DC\_5A\_n260Q  DC\_5A\_n260(2A)  DC\_5A\_n260(3A)  DC\_5A\_n260(4A)  DC\_5A\_n260(A-I)  DC\_5A\_n260(D-G)  DC\_5A\_n260(D-H)  DC\_5A\_n260(D-I)  DC\_5A\_n260(D-O)  DC\_5A\_n260(D-P)  DC\_5A\_n260(D-Q)  DC\_5A\_n260(E-O)  DC\_5A\_n260(E-P)  DC\_5A\_n260(E-Q)  DC\_5A\_n260(G-I) | DC\_5A\_n260A | 5A | n260A  CA\_n260B  CA\_n260C  CA\_n260D  CA\_n260E  CA\_n260F  CA\_n260G  CA\_n260H  CA\_n260I  CA\_n260J  CA\_n260K  CA\_n260L  CA\_n260M  CA\_n260O  CA\_n260P  CA\_n260Q  CA\_n260(2A)  CA\_n260(3A)  CA\_n260(4A)  CA\_n260(A-I)  CA\_n260(D-G)  CA\_n260(D-H)  CA\_n260(D-I)  CA\_n260(D-O)  CA\_n260(D-P)  CA\_n260(D-Q)  CA\_n260(E-O)  CA\_n260(E-P)  CA\_n260(E-Q)  CA\_n260(G-I) |
| DC\_5A\_n261A  DC\_5A\_n261B  DC\_5A\_n261C  DC\_5A\_n261D  DC\_5A\_n261E  DC\_5A\_n261F  DC\_5A\_n261G  DC\_5A\_n261H  DC\_5A\_n261I  DC\_5A\_n261J  DC\_5A\_n261K  DC\_5A\_n261L  DC\_5A\_n261M  DC\_5A\_n261O  DC\_5A\_n261P  DC\_5A\_n261Q  DC\_5A\_n261(2A)  DC\_5A\_n261(3A)  DC\_5A\_n261(4A)  DC\_5A\_n261(D-G)  DC\_5A\_n261(D-H)  DC\_5A\_n261(D-I)  DC\_5A\_n261(D-O)  DC\_5A\_n261(D-P)  DC\_5A\_n261(D-Q)  DC\_5A\_n261(E-O)  DC\_5A\_n261(E-P)  DC\_5A\_n261(E-Q) | DC\_5A\_n261A | 5A | n261A  CA\_n261B  CA\_n261C  CA\_n261D  CA\_n261E  CA\_n261F  CA\_n261G  CA\_n261H  CA\_n261I  CA\_n261J  CA\_n261K  CA\_n261L  CA\_n261M  CA\_n261O  CA\_n261P  CA\_n261Q  CA\_n261(2A)  CA\_n261(3A)  CA\_n261(4A)  CA\_n261(D-G)  CA\_n261(D-H)  CA\_n261(D-I)  CA\_n261(D-O)  CA\_n261(D-P)  CA\_n261(D-Q)  CA\_n261(E-O)  CA\_n261(E-P)  CA\_n261(E-Q) |
| DC\_5B\_n257A | DC\_5B\_n257A | CA\_5B | n257A |
| DC\_5B\_n260A | DC\_5B\_n260A | CA\_5B | n260A |
| DC\_7A-7A\_n257A | DC\_7A\_n257A | CA\_7A-7A | n257A |
| DC\_7A\_n257A | DC\_7A\_n257A | 7A | n257A |
| DC\_7A\_n258A | DC\_7A\_n258A | 7A | n258A |
| DC\_8A\_n257A | DC\_8A\_n257A | 8A | n257A |
| DC\_8A\_n258A | DC\_8A\_n258A | 8A | n258A |
| DC\_11A\_n257A | DC\_11A\_n257A | 11A | n257A |
| DC\_12A\_n260A  DC\_12A\_n260G  DC\_12A\_n260H  DC\_12A\_n260I  DC\_12A\_n260J  DC\_12A\_n260K  DC\_12A\_n260L  DC\_12A\_n260M  DC\_12A\_n260(A-I)  DC\_12A\_n260(G-I) | DC\_12A\_n260A | 12A | n260A  CA\_n260G  CA\_n260H  CA\_n260I  CA\_n260J  CA\_n260K  CA\_n260L  CA\_n260M  CA\_n260(A-I)  CA\_n260(G-I) |
| DC\_13A\_n257A | DC\_13A\_n257A | 13A | n257A |
| DC\_13A\_n260A | DC\_13A\_n260A | 13A | n260A |
| DC\_18A\_n257A | DC\_18A\_n257A | 18A | n257A |
| DC\_19A\_n257A  DC\_19A\_n257D  DC\_19A\_n257E  DC\_19A\_n257F | DC\_19A\_n257A | 19A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_20A\_n258A | DC\_20A\_n258A | 20A | n258A |
| DC\_21A\_n257A  DC\_21A\_n257D  DC\_21A\_n257E  DC\_21A\_n257F | DC\_21A\_n257A | 21A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_26A\_n257A | DC\_26A\_n257A | 26A | n257A |
| DC\_28A\_n257A  DC\_28A\_n257D  DC\_28A\_n257E  DC\_28A\_n257F | DC\_28A\_n257A | 28A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_28A\_n258A | DC\_28A\_n258A | 28A | n258A |
| DC\_30A\_n260A  DC\_30A\_n260G  DC\_30A\_n260H  DC\_30A\_n260I  DC\_30A\_n260J  DC\_30A\_n260K  DC\_30A\_n260L  DC\_30A\_n260M  DC\_30A\_n260(A-I)  DC\_30A\_n260(G-I) | DC\_30A\_n260A | 30A | n260A  CA\_n260G  CA\_n260H  CA\_n260I  CA\_n260J  CA\_n260K  CA\_n260L  CA\_n260M  CA\_n260(A-I)  CA\_n260(G-I) |
| DC\_39A\_n258A | DC\_39A\_n258A | 39A | n258A |
| DC\_41A\_n257A  DC\_41C\_n257A | DC\_41A\_n257A | 41A  CA\_41C | n257A |
| DC\_41A\_n258A | DC\_41A\_n258A | 41A | n258A |
| DC\_41C\_n257A | DC\_41C\_n257A | CA\_41C | n257A |
| DC\_42A\_n257A  DC\_42C\_n257A  DC\_42A\_n257D  DC\_42A\_n257E  DC\_42A\_n257F | DC\_42A\_n257A | 42A  CA\_42C  42A  42A  42A | n257A  n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_42C\_n257A  DC\_42C\_n257D  DC\_42C\_n257E  DC\_42C\_n257F | DC\_42C\_n257A | CA\_42C | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_42D\_n257A | DC\_42C\_n257A | CA\_42D | n257A |
| DC\_42E\_n257A | DC\_42A\_n257A | CA\_42E | n257A |
| DC\_48A-48A\_n257A | DC\_48A\_n257A | CA\_48A-48A | n257A |
| DC\_48A-48A\_n260A | DC\_48A\_n260A | CA\_48A-48A | n260A |
| DC\_48A\_n257A | DC\_48A\_n257A | 48A | n257A |
| DC\_48C\_n257A | DC\_48C\_n257A | CA\_48C | n257A |
| DC\_48C\_n260A | DC\_48C\_n260A | CA\_48C | n260A |
| DC\_48A\_n260A | DC\_48A\_n260A | 48A | n260A |
| DC\_66A-66A\_n257A | DC\_66A\_n257A | CA\_66A-66A | n257A |
| DC\_66A-66A\_n260A  DC\_66A-66A\_n260G  DC\_66A-66A\_n260H  DC\_66A-66A\_n260I  DC\_66A-66A\_n260J  DC\_66A-66A\_n260K  DC\_66A-66A\_n260L  DC\_66A-66A\_n260M | DC\_66A\_n260A | CA\_66A-66A | n260A  CA\_n260G  CA\_n260H  CA\_n260I  CA\_n260J  CA\_n260K  CA\_n260L  CA\_n260M |
| DC\_66A\_n257A  DC\_66A\_n257(2A)  DC\_66A\_n257G  DC\_66A\_n257H  DC\_66A\_n257I  DC\_66A\_n257J  DC\_66A\_n257K  DC\_66A\_n257L  DC\_66A\_n257M | DC\_66A\_n257A | 66A | n257A  CA\_n257(2A)  CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n257K  CA\_n257L  CA\_n257M |
| DC\_66A\_n260A  DC\_66A\_n260D  DC\_66A\_n260E  DC\_66A\_n260F  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260I  DC\_66A\_n260J  DC\_66A\_n260K  DC\_66A\_n260L  DC\_66A\_n260M  DC\_66A\_n260O  DC\_66A\_n260P  DC\_66A\_n260Q  DC\_66A\_n260(2A)  DC\_66A\_n260(3A)  DC\_66A\_n260(4A)  DC\_66A\_n260(A-I)  DC\_66A\_n260(D-G)  DC\_66A\_n260(D-H)  DC\_66A\_n260(D-I)  DC\_66A\_n260(D-O)  DC\_66A\_n260(D-P)  DC\_66A\_n260(D-Q)  DC\_66A\_n260(E-O)  DC\_66A\_n260(E-P)  DC\_66A\_n260(E-Q)  DC\_66A\_n260(G-I) | DC\_66A\_n260A | 66A | n260A  CA\_n260D  CA\_n260E  CA\_n260F  CA\_n260G  CA\_n260H  CA\_n260I  CA\_n260J  CA\_n260K  CA\_n260L  CA\_n260M  CA\_n260O  CA\_n260P  CA\_n260Q  CA\_n260(2A)  CA\_n260(3A)  CA\_n260(4A)  CA\_n260(A-I)  CA\_n260(D-G)  CA\_n260(D-H)  CA\_n260(D-I)  CA\_n260(D-O)  CA\_n260(D-P)  CA\_n260(D-Q)  CA\_n260(E-O)  CA\_n260(E-P)  CA\_n260(E-Q)  CA\_n260(G-I) |
| DC\_66C\_n257A | DC\_66C\_n257A | CA\_66C | n257A |
| DC\_66A\_n261A  DC\_66A\_n261D  DC\_66A\_n261E  DC\_66A\_n261F  DC\_66A\_n261G  DC\_66A\_n261H  DC\_66A\_n261I  DC\_66A\_n261J  DC\_66A\_n261K  DC\_66A\_n261L  DC\_66A\_n261M  DC\_66A\_n261O  DC\_66A\_n261P  DC\_66A\_n261Q  DC\_66A\_n261(2A)  DC\_66A\_n261(3A)  DC\_66A\_n261(4A)  DC\_66A\_n261(D-G)  DC\_66A\_n261(D-H)  DC\_66A\_n261(D-I)  DC\_66A\_n261(D-O)  DC\_66A\_n261(D-P)  DC\_66A\_n261(D-Q)  DC\_66A\_n261(E-O)  DC\_66A\_n261(E-P)  DC\_66A\_n261(E-Q) | DC\_66A\_n261A | 66A | n261A  CA\_n261D  CA\_n261E  CA\_n261F  CA\_n261G  CA\_n261H  CA\_n261I  CA\_n261J  CA\_n261K  CA\_n261L  CA\_n261M  CA\_n261O  CA\_n261P  CA\_n261Q  CA\_n261(2A)  CA\_n261(3A)  CA\_n261(4A)  CA\_n261(D-G)  CA\_n261(D-H)  CA\_n261(D-I)  CA\_n261(D-O)  CA\_n261(D-P)  CA\_n261(D-Q)  CA\_n261(E-O)  CA\_n261(E-P)  CA\_n261(E-Q) |
| NOTE 1: Uplink CA configurations are the configurations supported by the present release of specifications. | | | |

#### 5.5B.5.2 Inter-band EN-DC configurations including FR2 (three bands)

Table 5.5B.5.2-1: Inter-band EN-DC configurations including FR2 (three bands)

| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | E-UTRA configuration | NR configuration |
| --- | --- | --- | --- |
| DC\_1A-3A\_n257A  DC\_1A-3A\_n257D  DC\_1A-3A\_n257E  DC\_1A-3A\_n257F | DC\_1A\_n257A  DC\_3A\_n257A | CA\_1A-3A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_1A-5A\_n257A | DC\_1A\_n257A  DC\_5A\_n257A | CA\_1A-5A | n257A |
| DC\_1A-7A\_n257A | DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A | n257A |
| DC\_1A-7A-7A\_n257A | DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A-7A | n257A |
| DC\_1A-8A\_n257A | DC\_1A\_n257A  DC\_8A\_n257A | CA\_1A-8A | n257A |
| DC\_1A-18A\_n257A | DC\_1A\_n257A  DC\_18A\_n257A | CA\_1A-18A | n257A |
| DC\_1A-19A\_n257A  DC\_1A-19A\_n257D  DC\_1A-19A\_n257E  DC\_1A-19A\_n257F | DC\_1A\_n257A  DC\_19A\_n257A | CA\_1A-19A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_1A-21A\_n257A  DC\_1A-21A\_n257D  DC\_1A-21A\_n257E  DC\_1A-21A\_n257F | DC\_1A\_n257A  DC\_21A\_n257A | CA\_1A-21A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_1A-28A\_n257A  DC\_1A-28A\_n257D  DC\_1A-28A\_n257E  DC\_1A-28A\_n257F | DC\_1A\_n257A  DC\_28A\_n257A | CA\_1A-28A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_1A-41A\_n257A | DC\_1A\_n257A  DC\_41A\_n257A | CA\_1A-41A | n257A |
| DC\_1A-41C\_n257A | DC\_1A\_n257A  DC\_41C\_n257A | CA\_1A-41C | n257A |
| DC\_1A-42A\_n257A  DC\_1A-42A\_n257D  DC\_1A-42A\_n257E  DC\_1A-42A\_n257F | DC\_1A\_n257A  DC\_42A\_n257A | CA\_1A-42A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_1A-42C\_n257A | DC\_1A\_n257A  DC\_42A\_n257A | CA\_1A-42C | n257A |
| DC\_1A-42D\_n257A | DC\_1A\_n257A  DC\_42A\_n257A | CA\_1A-42D | n257A |
| DC\_1A-42E\_n257A | DC\_1A\_n257A  DC\_42A\_n257A | CA\_1A-42E | n257A |
| DC\_2A-13A\_n260A | DC\_2A\_n260A  DC\_13A\_n260A | CA\_2A-13A | n260A |
| DC\_2A-5A\_n257A | DC\_2A\_n257A  DC\_5A\_n257A | CA\_2A-5A | n257A |
| DC\_2A-5A\_n260A  DC\_2A-5A\_n260G  DC\_2A-5A\_n260H  DC\_2A-5A\_n260I  DC\_2A-5A\_n260J  DC\_2A-5A\_n260K  DC\_2A-5A\_n260L  DC\_2A-5A\_n260M | DC\_2A\_n260A  DC\_5A\_n260A | CA\_2A-5A | n260A  CA\_n260G  CA\_n260H  CA\_n260I  CA\_n260J  CA\_n260K  CA\_n260L  CA\_n260M |
| DC\_2A-12A\_n260A  DC\_2A-12A\_n260G  DC\_2A-12A\_n260H  DC\_2A-12A\_n260I  DC\_2A-12A\_n260J  DC\_2A-12A\_n260K  DC\_2A-12A\_n260L  DC\_2A-12A\_n260M | DC\_2A\_n260A  DC\_12A\_n260A | CA\_2A-12A | n260A  CA\_n260G  CA\_n260H  CA\_n260I  CA\_n260J  CA\_n260K  CA\_n260L  CA\_n260M |
| DC\_2A-13A\_n257A | DC\_2A\_n257A  DC\_13A\_n257A | CA\_2A-13A | n257A |
| DC\_2A-30A\_n260A  DC\_2A-30A\_n260G  DC\_2A-30A\_n260H  DC\_2A-30A\_n260I  DC\_2A-30A\_n260J  DC\_2A-30A\_n260K  DC\_2A-30A\_n260L  DC\_2A-30A\_n260M | DC\_2A\_n260A  DC\_30A\_n260A | CA\_2A-30A | n260A  CA\_n260G  CA\_n260H  CA\_n260I  CA\_n260J  CA\_n260K  CA\_n260L  CA\_n260M |
| DC\_2A-66A\_n257A | DC\_2A\_n257A  DC\_66A\_n257A | CA\_2A-66A | n257A |
| DC\_2A-66A\_n260A  DC\_2A-66A\_n260G  DC\_2A-66A\_n260H  DC\_2A-66A\_n260I  DC\_2A-66A\_n260J  DC\_2A-66A\_n260K  DC\_2A-66A\_n260L  DC\_2A-66A\_n260M | DC\_2A\_n260A  DC\_66A\_n260A | CA\_2A-66A | n260A  CA\_n260G  CA\_n260H  CA\_n260I  CA\_n260J  CA\_n260K  CA\_n260L  CA\_n260M |
| DC\_3A-5A\_n257A | DC\_3A\_n257A  DC\_5A\_n257A | CA\_3A-5A | n257A |
| DC\_3A-7A-7A\_n257A | DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A-7A | n257A |
| DC\_3A-7A\_n257A | DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A | n257A |
| DC\_3A-19A\_n257A  DC\_3A-19A\_n257D  DC\_3A-19A\_n257E  DC\_3A-19A\_n257F | DC\_3A\_n257A  DC\_19A\_n257A | CA\_3A-19A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_3A-21A\_n257A  DC\_3A-21A\_n257D  DC\_3A-21A\_n257E  DC\_3A-21A\_n257F | DC\_3A\_n257A  DC\_21A\_n257A | CA\_3A-21A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_3A-28A\_n257A  DC\_3A-28A\_n257D  DC\_3A-28A\_n257E  DC\_3A-28A\_n257F | DC\_3A\_n257A  DC\_28A\_n257A | CA\_3A-28A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_3A-41A\_n257A | DC\_3A\_n257A  DC\_41A\_n257A | CA\_3A-41A | n257A |
| DC\_3A-42A\_n257A  DC\_3A-42A\_n257D  DC\_3A-42A\_n257E  DC\_3A-42A\_n257F | DC\_3A\_n257A  DC\_42A\_n257A | CA\_3A-42A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_3A-42C\_n257A | DC\_3A\_n257A  DC\_42A\_n257A | CA\_3A-42C | n257A |
| DC\_3A-42D\_n257A | DC\_3A\_n257A  DC\_42A\_n257A | CA\_3A-42D | n257A |
| DC\_3A-42E\_n257A | DC\_3A\_n257A  DC\_42A\_n257A | CA\_3A-42E | n257A |
| DC\_5A-30A\_n260A  DC\_5A-30A\_n260G  DC\_5A-30A\_n260H  DC\_5A-30A\_n260I  DC\_5A-30A\_n260J  DC\_5A-30A\_n260K  DC\_5A-30A\_n260L  DC\_5A-30A\_n260M | DC\_5A\_n260A  DC\_30A\_n260A | CA\_5A-30A | n260A  CA\_n260G  CA\_n260H  CA\_n260I  CA\_n260J  CA\_n260K  CA\_n260L  CA\_n260M |
| DC\_5A-66A\_n257A | DC\_5A\_n257A  DC\_66A\_n257A | CA\_5A-66A | n257A |
| DC\_5A-66A\_n260A  DC\_5A-66A\_n260G  DC\_5A-66A\_n260H  DC\_5A-66A\_n260I  DC\_5A-66A\_n260J  DC\_5A-66A\_n260K  DC\_5A-66A\_n260L  DC\_5A-66A\_n260M | DC\_5A\_n260A  DC\_66A\_n260A | CA\_5A-66A | n260A  CA\_n260G  CA\_n260H  CA\_n260I  CA\_n260J  CA\_n260K  CA\_n260L  CA\_n260M |
| DC\_5A-7A-7A\_n257A | DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A-7A | n257A |
| DC\_5A-7A\_n257A | DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A | n257A |
| DC\_12A-30A\_n260A  DC\_12A-30A\_n260G  DC\_12A-30A\_n260H  DC\_12A-30A\_n260I  DC\_12A-30A\_n260J  DC\_12A-30A\_n260K  DC\_12A-30A\_n260L  DC\_12A-30A\_n260M | DC\_12A\_n260A  DC\_30A\_n260A | CA\_12A-30A | n260A  CA\_n260G  CA\_n260H  CA\_n260I  CA\_n260J  CA\_n260K  CA\_n260L  CA\_n260M |
| DC\_12A-66A\_n260A  DC\_12A-66A\_n260G  DC\_12A-66A\_n260H  DC\_12A-66A\_n260I  DC\_12A-66A\_n260J  DC\_12A-66A\_n260K  DC\_12A-66A\_n260L  DC\_12A-66A\_n260M | DC\_12A\_n260A  DC\_66A\_n260A | CA\_12A-66A | n260A  CA\_n260G  CA\_n260H  CA\_n260I  CA\_n260J  CA\_n260K  CA\_n260L  CA\_n260M |
| DC\_13A-66A\_n257A | DC\_13A\_n257A  DC\_66A\_n257A | CA\_13A-66A | n257A |
| DC\_13A-66A\_n260A | DC\_13A\_n260A  DC\_66A\_n260A | CA\_13A-66A | n260A |
| DC\_18A-28A\_n257A | DC\_18A\_n257A  DC\_28A\_n257A | CA\_18A-28A | n257A |
| DC\_19A-42A\_n257A  DC\_19A-42A\_n257D  DC\_19A-42A\_n257E  DC\_19A-42A\_n257F | DC\_19A\_n257A  DC\_42A\_n257A | CA\_19A-42A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_19A-21A\_n257A  DC\_19A-21A\_n257D  DC\_19A-21A\_n257E  DC\_19A-21A\_n257F | DC\_19A\_n257A  DC\_21A\_n257A | CA\_19A-21A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_19A-42C\_n257A | DC\_19A\_n257A  DC\_42A\_n257A | CA\_19A-42C | n257A |
| DC\_21A-28A\_n257A  DC\_21A-28A\_n257D  DC\_21A-28A\_n257E  DC\_21A-28A\_n257F | DC\_21A\_n257A  DC\_28A\_n257A | CA\_21A-28A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_21A-42A\_n257A  DC\_21A-42A\_n257D  DC\_21A-42A\_n257E  DC\_21A-42A\_n257F | DC\_21A\_n257A  DC\_42A\_n257A | CA\_21A-42A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_21A-42C\_n257A | DC\_21A\_n257A  DC\_42A\_n257A | CA\_21A-42C | n257A |
| DC\_28A-42C\_n257A | DC\_28A\_n257A  DC\_42A\_n257A | CA\_28A-42C | n257A |
| DC\_28A-42A\_n257A | DC\_28A\_n257A  DC\_42A\_n257A | CA\_28A-42A | n257A |
| DC\_30A-66A\_n260A  DC\_30A-66A\_n260G  DC\_30A-66A\_n260H  DC\_30A-66A\_n260I  DC\_30A-66A\_n260J  DC\_30A-66A\_n260K  DC\_30A-66A\_n260L  DC\_30A-66A\_n260M | DC\_30A\_n260A  DC\_66A\_n260A | CA\_30A-66A | n260A  CA\_n260G  CA\_n260H  CA\_n260I  CA\_n260J  CA\_n260K  CA\_n260L  CA\_n260M |
| DC\_41A-42A\_n257A | DC\_41A\_n257A  DC\_42A\_n257A | CA\_41A-42A | n257A |
| DC\_41A-42C\_n257A | DC\_41A\_n257A  DC\_42C\_n257A | CA\_41A-42C | n257A |
| DC\_41C-42A\_n257A | DC\_41C\_n257A  DC\_42A\_n257A | CA\_41C-42A | n257A |
| DC\_41C-42C\_n257A | DC\_41A\_n257A  DC\_42A\_n257A | CA\_41C-42C | n257A |
| NOTE 1: Uplink CA configurations are the configurations supported by the present release of specifications. | | | |

#### 5.5B.5.3 Inter-band EN-DC configurations including FR2 (four bands)

Table 5.5B.5.3-1: Inter-band EN-DC configurations including FR2 (four bands)

| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | E-UTRA configuration | NR configuration |
| --- | --- | --- | --- |
| DC\_1A-3A-5A\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_1A-3A-5A | n257A |
| DC\_1A-3A-7A-7A\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_1A-3A-7A-7A | n257A |
| DC\_1A-3A-7A\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_1A-3A-7A | n257A |
| DC\_1A-3A-19A\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_19A\_n257A | CA\_1A-3A-19A | n257A |
| DC\_1A-3A-21A\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_21A\_n257A | CA\_1A-3A-21A | n257A |
| DC\_1A-3A-28A\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_28A\_n257A | CA\_1A-3A-28A | n257A |
| DC\_1A-3A-42A\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_42A\_n257A | CA\_1A-3A-42A | n257A |
| DC\_1A-3A-42C\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_42A\_n257A | CA\_1A-3A-42C | n257A |
| DC\_1A-3A-42C\_n257D | DC\_1A\_n257A  DC\_3A\_n257A  DC\_42A\_n257A | CA\_1A-3A-42C | CA\_n257D |
| DC\_1A-3A-42C\_n257E | DC\_1A\_n257A  DC\_3A\_n257A  DC\_42A\_n257A | CA\_1A-3A-42C | CA\_n257E |
| DC\_1A-3A-42C\_n257F | DC\_1A\_n257A  DC\_3A\_n257A  DC\_42A\_n257A | CA\_1A-3A-42C | CA\_n257F |
| DC\_1A-5A-7A-7A\_n257A | DC\_1A\_n257A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_1A-5A-7A-7A | n257A |
| DC\_1A-5A-7A\_n257A | DC\_1A\_n257A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_1A-5A-7A | n257A |
| DC\_1A-18A-28A\_n257A | DC\_1A\_n257A  DC\_18A\_n257A  DC\_28A\_n257A | CA\_1A-18A-28A | n257A |
| DC\_1A-19A-21A\_n257A  DC\_1A-19A-21A\_n257D  DC\_1A-19A-21A\_n257E  DC\_1A-19A-21A\_n257F | DC\_1A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A | CA\_1A-19A-21A | n257A  CA\_n257D  CA\_n257E  CA\_n257F |
| DC\_1A-19A-42A\_n257A | DC\_1A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_1A-19A-42A | n257A |
| DC\_1A-19A-42C\_n257A | DC\_1A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_1A-19A-42C | n257A |
| DC\_1A-19A-42C\_n257D | DC\_1A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_1A-19A-42C | CA\_n257D |
| DC\_1A-19A-42C\_n257E | DC\_1A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_1A-19A-42C | CA\_n257E |
| DC\_1A-19A-42C\_n257F | DC\_1A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_1A-19A-42C | CA\_n257F |
| DC\_1A-21A-28A\_n257A | DC\_1A\_n257A  DC\_21A\_n257A  DC\_28A\_n257A | CA\_1A-21A-28A | n257A |
| DC\_1A-21A-42A\_n257A | DC\_1A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-21A-42A | n257A |
| DC\_1A-21A-42C\_n257A | DC\_1A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-21A-42C | n257A |
| DC\_1A-21A-42C\_n257D | DC\_1A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-21A-42C | CA\_n257D |
| DC\_1A-21A-42C\_n257E | DC\_1A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-21A-42C | CA\_n257E |
| DC\_1A-21A-42C\_n257F | DC\_1A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-21A-42C | CA\_n257F |
| DC\_1A-28A-42A\_n257A | DC\_1A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A | CA\_1A-28A-42A | n257A |
| DC\_1A-28A-42C\_n257A | DC\_1A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A | CA\_1A-28A-42C | n257A |
| DC\_1A-41A-42A\_n257A | DC\_1A\_n257A  DC\_41A\_n257A  DC\_42A\_n257A | CA\_1A-41A-42A | n257A |
| DC\_1A-41A-42C\_n257A | DC\_1A\_n257A  DC\_41A\_n257A  DC\_42A\_n257A | CA\_1A-41A-42C | n257A |
| DC\_1A-41C-42A\_n257A | DC\_1A\_n257A  DC\_41A\_n257A  DC\_42A\_n257A | CA\_1A-41C-42A | n257A |
| DC\_1A-41C-42C\_n257A | DC\_1A\_n257A  DC\_41A\_n257A  DC\_42A\_n257A | CA\_1A-41C-42C | n257A |
| DC\_3A-5A-7A-7A\_n257A | DC\_3A\_n257A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_3A-5A-7A-7A | n257A |
| DC\_3A-5A-7A\_n257A | DC\_3A\_n257A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_3A-5A-7A | n257A |
| DC\_3A-7A\_n78A-n257A  DC\_3A-7A-7A\_n78A-n257A | DC\_3A\_n78A  DC\_3A\_n257A,  DC\_7A\_n78A  DC\_7A\_n257A | CA\_3A-7A,  CA\_3A-7A-7A | CA\_n78A-n257A |
| DC\_3A-19A-21A\_n257A | DC\_3A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A | CA\_3A-19A-21A | n257A |
| DC\_3A-19A-42A\_n257A | DC\_3A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_3A-19A-42A | n257A |
| DC\_3A-19A-42C\_n257A | DC\_3A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_3A-19A-42C | n257A |
| DC\_3A-19A-42C\_n257D | DC\_3A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_3A-19A-42C | CA\_n257D |
| DC\_3A-19A-42C\_n257E | DC\_3A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_3A-19A-42C | CA\_n257E |
| DC\_3A-19A-42C\_n257F | DC\_3A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_3A-19A-42C | CA\_n257F |
| DC\_3A-21A-42A\_n257A | DC\_3A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_3A-21A-42A | n257A |
| DC\_3A-21A-42C\_n257A | DC\_3A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_3A-21A-42C | n257A |
| DC\_3A-21A-42C\_n257D | DC\_3A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_3A-21A-42C | CA\_n257D |
| DC\_3A-21A-42C\_n257E | DC\_3A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_3A-21A-42C | CA\_n257E |
| DC\_3A-21A-42C\_n257F | DC\_3A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_3A-21A-42C | CA\_n257F |
| DC\_3A-28A-42A\_n257A | DC\_3A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A | CA\_3A-28A-42A | n257A |
| DC\_3A-28A-42C\_n257A | DC\_3A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A | CA\_3A-28A-42C | n257A |
| DC\_19A-21A-42A\_n257A | DC\_19A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_19A-21A-42A | n257A |
| DC\_19A-21A-42C\_n257D | DC\_19A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_19A-21A-42C | CA\_n257D |
| DC\_19A-21A-42C\_n257E | DC\_19A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_19A-21A-42C | CA\_n257E |
| DC\_19A-21A-42C\_n257F | DC\_19A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_19A-21A-42C | CA\_n257F |
| DC\_19A-21A-42C\_n257A | DC\_19A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_19A-21A-42C | n257A |
| DC\_21A-28A-42A\_n257A | DC\_21A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A | CA\_21A-28A-42A | n257A |
| DC\_21A-28A-42C\_n257A | DC\_21A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A | CA\_21A-28A-42C | n257A |
| NOTE 1: Uplink CA configurations are the configurations supported by the present release of specifications. | | | |

#### 5.5B.5.4 Inter-band EN-DC configurations including FR2 (five bands)

Table 5.5B.5.4-1: Inter-band EN-DC configurations including FR2 (five bands)

| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | E-UTRA configuration | NR configuration |
| --- | --- | --- | --- |
| DC\_1A-3A-5A-7A\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_1A-3A-5A-7A | n257A |
| DC\_1A-3A-5A-7A-7A\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_1A-3A-5A-7A-7A | n257A |
| DC\_1A-3A-19A-21A\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A | CA\_1A-3A-19A-21A | n257A |
| DC\_1A-3A-19A-21A\_n257D | DC\_1A\_n257A  DC\_3A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A | CA\_1A-3A-19A-21A | CA\_n257D |
| DC\_1A-3A-19A-21A\_n257E | DC\_1A\_n257A  DC\_3A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A | CA\_1A-3A-19A-21A | CA\_n257E |
| DC\_1A-3A-19A-21A\_n257F | DC\_1A\_n257A  DC\_3A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A | CA\_1A-3A-19A-21A | CA\_n257F |
| DC\_1A-3A-19A-42A\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_1A-3A-19A-42A | n257A |
| DC\_1A-3A-19A-42A\_n257D | DC\_1A\_n257A  DC\_3A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_1A-3A-19A-42A | CA\_n257D |
| DC\_1A-3A-19A-42A\_n257E | DC\_1A\_n257A  DC\_3A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_1A-3A-19A-42A | CA\_n257E |
| DC\_1A-3A-19A-42A\_n257F | DC\_1A\_n257A  DC\_3A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_1A-3A-19A-42A | CA\_n257F |
| DC\_1A-3A-19A-42C\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_1A-3A-19A-42C | n257A |
| DC\_1A-3A-19A-42C\_n257D | DC\_1A\_n257A  DC\_3A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_1A-3A-19A-42C | CA\_n257D |
| DC\_1A-3A-19A-42C\_n257E | DC\_1A\_n257A  DC\_3A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_1A-3A-19A-42C | CA\_n257E |
| DC\_1A-3A-19A-42C\_n257F | DC\_1A\_n257A  DC\_3A\_n257A  DC\_19A\_n257A  DC\_42A\_n257A | CA\_1A-3A-19A-42C | CA\_n257F |
| DC\_1A-3A-21A-42A\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-3A-21A-42A | n257A |
| DC\_1A-3A-21A-42C\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-3A-21A-42C | n257A |
| DC\_1A-3A-21A-42C\_n257D | DC\_1A\_n257A  DC\_3A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-3A-21A-42C | CA\_n257D |
| DC\_1A-3A-21A-42C\_n257E | DC\_1A\_n257A  DC\_3A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-3A-21A-42C | CA\_n257E |
| DC\_1A-3A-21A-42C\_n257F | DC\_1A\_n257A  DC\_3A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-3A-21A-42C | CA\_n257F |
| DC\_1A-3A-28A-42A\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A | CA\_1A-3A-28A-42A | n257A |
| DC\_1A-3A-28A-42C\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A | CA\_1A-3A-28A-42C | n257A |
| DC\_1A-19A-21A-42A\_n257A | DC\_1A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-19A-21A-42A | n257A |
| DC\_1A-19A-21A-42A\_n257D | DC\_1A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-19A-21A-42A | CA\_n257D |
| DC\_1A-19A-21A-42A\_n257E | DC\_1A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-19A-21A-42A | CA\_n257E |
| DC\_1A-19A-21A-42A\_n257F | DC\_1A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-19A-21A-42A | CA\_n257F |
| DC\_1A-19A-21A-42C\_n257A | DC\_1A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-19A-21A-42C | n257A |
| DC\_1A-19A-21A-42C\_n257D | DC\_1A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-19A-21A-42C | CA\_n257D |
| DC\_1A-19A-21A-42C\_n257E | DC\_1A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-19A-21A-42C | CA\_n257E |
| DC\_1A-19A-21A-42C\_n257F | DC\_1A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A  DC\_42A\_n257A | CA\_1A-19A-21A-42C | CA\_n257F |
| DC\_1A-19A-28A-42C\_n257A | DC\_1A\_n257A  DC\_19A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A | CA\_1A-19A-28A-42C | n257A |
| DC\_1A-21A-28A-42A\_n257A | DC\_1A\_n257A  DC\_21A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A | CA\_1A-21A-28A-42A | n257A |
| NOTE 1: Uplink CA configurations are the configurations supported by the present release of specifications. | | | |

#### 5.5B.5.5 Inter-band EN-DC configurations including FR2 (six bands)

Table 5.5B.5.5-1: Inter-band EN-DC configurations including FR2 (six bands)

|  |  |  |  |
| --- | --- | --- | --- |
| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | E-UTRA configuration | NR configuration |
|  |  |  |  |
| NOTE 1: Uplink CA configurations are the configurations supported by the present release of specifications. | | | |

### 5.5B.6 Inter-band EN-DC including FR1 and FR2

Supported channel bandwidths for E-UTRA operating bands and CA configurations are defined in TS 36.101 [4] and for NR operating bands and CA configurations in TS 38.101-1 [2], TS 38.101-2 [3] and TS 38.101-3.

#### 5.5B.6.1 Void

#### 5.5B.6.2 Inter-band EN-DC configurations including FR1 and FR2 (three bands)

Table 5.5B.6.2-1: Inter-band EN-DC configurations including FR1 and FR2 (three bands)

| **EN-DC**  **configuration** | **Uplink EN-DC**  **configuration**  **(NOTE 1)** | **E-UTRA configuration** | **NR configuration** |
| --- | --- | --- | --- |
| DC\_1A\_n77A-n257A | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n77A-n257A | 1A | CA\_n77A-n257A |
| DC\_1A\_n77A-n257D | DC\_1A\_n77A  DC\_1A-n257A  DC\_1A\_n77A-n257A | 1A | CA\_n77A-n257D |
| DC\_1A\_n77A-n257E | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n77A-n257A | 1A | CA\_n77A-n257E |
| DC\_1A\_n77A-n257F | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n77A-n257A | 1A | CA\_n77A-n257F |
| DC\_1A\_n77C-n257A | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n77A-n257A | 1A | CA\_n77C-n257A |
| DC\_1A\_n77C-n257D | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n77A-n257A | 1A | CA\_n77C-n257D |
| DC\_1A\_n77C-n257E | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n77A-n257A | 1A | CA\_n77C-n257E |
| DC\_1A\_n77C-n257F | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n77A-n257A | 1A | CA\_n77C-n257F |
| DC\_1A\_n78A-n257A | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n78A-n257A | 1A | CA\_n78A-n257A |
| DC\_1A\_n78A-n257D | DC\_1A\_n78A  DC\_1A-n257A  DC\_1A\_n78A-n257A | 1A | CA\_n78A-n257D |
| DC\_1A\_n78A-n257E | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n78A-n257A | 1A | CA\_n78A-n257E |
| DC\_1A\_n78A-n257F | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n78A-n257A | 1A | CA\_n78A-n257F |
| DC\_1A\_n78A-n257G | DC\_1A\_n78A  DC\_1A\_n257A | 1A | CA\_n78A-n257G |
| DC\_1A\_n78A-n257H | DC\_1A\_n78A  DC\_1A\_n257A | 1A | CA\_n78A-n257H |
| DC\_1A\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A | 1A | CA\_n78A-n257I |
| DC\_1A\_n78A-n257J | DC\_1A\_n78A  DC\_1A\_n257A | 1A | CA\_n78A-n257J |
| DC\_1A\_n78A-n257K | DC\_1A\_n78A  DC\_1A\_n257A | 1A | CA\_n78A-n257K |
| DC\_1A\_n78A-n257L | DC\_1A\_n78A  DC\_1A\_n257A | 1A | CA\_n78A-n257L |
| DC\_1A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A | 1A | CA\_n78A-n257M |
| DC\_1A\_n78C-n257A | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n78A-n257A | 1A | CA\_n78C-n257A |
| DC\_1A\_n78C-n257D | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n78A-n257A | 1A | CA\_n78C-n257D |
| DC\_1A\_n78C-n257E | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n78A-n257A | 1A | CA\_n78C-n257E |
| DC\_1A\_n78C-n257F | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n78A-n257A | 1A | CA\_n78C-n257F |
| DC\_1A\_n79A-n257A | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n79A-n257A | 1A | CA\_n79A-n257A |
| DC\_1A\_n79A-n257D | DC\_1A\_n79A  DC\_1A-n257A  DC\_1A\_n79A-n257A | 1A | CA\_n79A-n257D |
| DC\_1A\_n79A-n257E | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n79A-n257A | 1A | CA\_n79A-n257E |
| DC\_1A\_n79A-n257F | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n79A-n257A | 1A | CA\_n79A-n257F |
| DC\_1A\_n79C-n257A | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n79A-n257A | 1A | CA\_n79C-n257A |
| DC\_1A\_n79C-n257D | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n79A-n257A | 1A | CA\_n79C-n257D |
| DC\_1A\_n79C-n257E | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n79A-n257A | 1A | CA\_n79C-n257E |
| DC\_1A\_n79C-n257F | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n79A-n257A | 1A | CA\_n79C-n257F |
| DC\_3A\_n1A-n257A | DC\_3A\_n1A  DC\_3A\_n257A | 3A | CA\_n1A-n257A |
| DC\_3A\_n77A-n257A | DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n77A-n257A | 3A | CA\_n77A-n257A |
| DC\_3A\_n77A-n257D | DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n77A-n257A | 3A | CA\_n77A-n257D |
| DC\_3A\_n77A-n257E | DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n77A-n257A | 3A | CA\_n77A-n257E |
| DC\_3A\_n77A-n257F | DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n77A-n257A | 3A | CA\_n77A-n257F |
| DC\_3A\_n77C-n257A | DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n77A-n257A | 3A | CA\_n77C-n257A |
| DC\_3A\_n77C-n257D | DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n77A-n257A | 3A | CA\_n77C-n257D |
| DC\_3A\_n77C-n257E | DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n77A-n257A | 3A | CA\_n77C-n257E |
| DC\_3A\_n77C-n257F | DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n77A-n257A | 3A | CA\_n77C-n257F |
| DC\_3A\_n78A-n257A | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n78A-n257A | 3A | CA\_n78A-n257A |
| DC\_3A\_n78A-n257D | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n78A-n257A | 3A | CA\_n78A-n257D |
| DC\_3A\_n78A-n257E | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n78A-n257A | 3A | CA\_n78A-n257E |
| DC\_3A\_n78A-n257F | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n78A-n257A | 3A | CA\_n78A-n257F |
| DC\_3A\_n78A-n257G | DC\_3A\_n78A  DC\_3A\_n257A | 3A | CA\_n78A-n257G |
| DC\_3A\_n78A-n257H | DC\_3A\_n78A  DC\_3A\_n257A | 3A | CA\_n78A-n257H |
| DC\_3A\_n78A-n257I | DC\_3A\_n78A  DC\_3A\_n257A | 3A | CA\_n78A-n257I |
| DC\_3A\_n78A-n257J | DC\_3A\_n78A  DC\_3A\_n257A | 3A | CA\_n78A-n257J |
| DC\_3A\_n78A-n257K | DC\_3A\_n78A  DC\_3A\_n257A | 3A | CA\_n78A-n257K |
| DC\_3A\_n78A-n257L | DC\_3A\_n78A  DC\_3A\_n257A | 3A | CA\_n78A-n257L |
| DC\_3A\_n78A-n257M | DC\_3A\_n78A  DC\_3A\_n257A | 3A | CA\_n78A-n257M |
| DC\_3A\_n78C-n257A | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n78A-n257A | 3A | CA\_n78C-n257A |
| DC\_3A\_n78C-n257D | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n78A-n257A | 3A | CA\_n78C-n257D |
| DC\_3A\_n78C-n257E | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n78A-n257A | 3A | CA\_n78C-n257E |
| DC\_3A\_n78C-n257F | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n78A-n257A | 3A | CA\_n78C-n257F |
| DC\_3A\_n79A-n257A | DC\_3A\_n79A  DC\_3A\_n257A  DC\_3A\_n79A-n257A | 3A | CA\_n79A-n257A |
| DC\_3A\_n79A-n257D | DC\_3A\_n79A  DC\_3A\_n257A  DC\_3A\_n79A-n257A | 3A | CA\_n79A-n257D |
| DC\_3A\_n79A-n257E | DC\_3A\_n79A  DC\_3A\_n257A  DC\_3A\_n79A-n257A | 3A | CA\_n79A-n257E |
| DC\_3A\_n79A-n257F | DC\_3A\_n79A  DC\_3A\_n257A  DC\_3A\_n79A-n257A | 3A | CA\_n79A-n257F |
| DC\_3A\_n79C-n257A | DC\_3A\_n79A  DC\_3A\_n257A  DC\_3A\_n79A-n257A | 3A | CA\_n79C-n257A |
| DC\_3A\_n79C-n257D | DC\_3A\_n79A  DC\_3A\_n257A  DC\_3A\_n79A-n257A | 3A | CA\_n79C-n257D |
| DC\_3A\_n79C-n257E | DC\_3A\_n79A  DC\_3A\_n257A  DC\_3A\_n79A-n257A | 3A | CA\_n79C-n257E |
| DC\_3A\_n79C-n257F | DC\_3A\_n79A  DC\_3A\_n257A  DC\_3A\_n79A-n257A | 3A | CA\_n79C-n257F |
| DC\_5A\_n78A-n257A | DC\_5A\_n78A  DC\_5A\_n257A | 5A | CA\_n78A-n257A |
| DC\_5A\_n78A-n257D | DC\_5A\_n78A  DC\_5A\_n257A | 5A | CA\_n78A-n257D |
| DC\_5A\_n78A-n257E | DC\_5A\_n78A  DC\_5A\_n257A | 5A | CA\_n78A-n257E |
| DC\_5A\_n78A-n257F | DC\_5A\_n78A  DC\_5A\_n257A | 5A | CA\_n78A-n257F |
| DC\_5A\_n78A-n257G | DC\_5A\_n78A  DC\_5A\_n257A | 5A | CA\_n78A-n257G |
| DC\_5A\_n78A-n257H | DC\_5A\_n78A  DC\_5A\_n257A | 5A | CA\_n78A-n257H |
| DC\_5A\_n78A-n257I | DC\_5A\_n78A  DC\_5A\_n257A | 5A | CA\_n78A-n257I |
| DC\_5A\_n78A-n257J | DC\_5A\_n78A  DC\_5A\_n257A | 5A | CA\_n78A-n257J |
| DC\_5A\_n78A-n257K | DC\_5A\_n78A  DC\_5A\_n257A | 5A | CA\_n78A-n257K |
| DC\_5A\_n78A-n257L | DC\_5A\_n78A  DC\_5A\_n257A | 5A | CA\_n78A-n257L |
| DC\_5A\_n78A-n257M | DC\_5A\_n78A  DC\_5A\_n257A | 5A | CA\_n78A-n257M |
| DC\_7A\_n78A-n257A | DC\_7A\_n78A  DC\_7A\_n257A | 7A | CA\_n78A-n257A |
| DC\_7A\_n78A-n257D | DC\_7A\_n78A  DC\_7A\_n257A | 7A | CA\_n78A-n257D |
| DC\_7A\_n78A-n257E | DC\_7A\_n78A  DC\_7A\_n257A | 7A | CA\_n78A-n257E |
| DC\_7A\_n78A-n257F | DC\_7A\_n78A  DC\_7A\_n257A | 7A | CA\_n78A-n257F |
| DC\_7A\_n78A-n257G | DC\_7A\_n78A  DC\_7A\_n257A | 7A | CA\_n78A-n257G |
| DC\_7A\_n78A-n257H | DC\_7A\_n78A  DC\_7A\_n257A | 7A | CA\_n78A-n257H |
| DC\_7A\_n78A-n257I | DC\_7A\_n78A  DC\_7A\_n257A | 7A | CA\_n78A-n257I |
| DC\_7A\_n78A-n257J | DC\_7A\_n78A  DC\_7A\_n257A | 7A | CA\_n78A-n257J |
| DC\_7A\_n78A-n257K | DC\_7A\_n78A  DC\_7A\_n257A | 7A | CA\_n78A-n257K |
| DC\_7A\_n78A-n257L | DC\_7A\_n78A  DC\_7A\_n257A | 7A | CA\_n78A-n257L |
| DC\_7A\_n78A-n257M | DC\_7A\_n78A  DC\_7A\_n257A | 7A | CA\_n78A-n257M |
| DC\_7A-7A\_n78-n257A | DC\_7A\_n78A  DC\_7A\_n257A  DC\_7A\_n78A-n257A | CA\_7A-7A | CA\_n78A-n257A |
| DC\_7A-7A\_n78A-n257D | DC\_7A\_n78A  DC\_7A\_n257A | CA\_7A-7A | CA\_n78A-n257D |
| DC\_7A-7A\_n78A-n257E | DC\_7A\_n78A  DC\_7A\_n257A | CA\_7A-7A | CA\_n78A-n257E |
| DC\_7A-7A\_n78A-n257F | DC\_7A\_n78A  DC\_7A\_n257A | CA\_7A-7A | CA\_n78A-n257F |
| DC\_7A-7A\_n78A-n257G | DC\_7A\_n78A  DC\_7A\_n257A | CA\_7A-7A | CA\_n78A-n257G |
| DC\_7A-7A\_n78A-n257H | DC\_7A\_n78A  DC\_7A\_n257A | CA\_7A-7A | CA\_n78A-n257H |
| DC\_7A-7A\_n78A-n257I | DC\_7A\_n78A  DC\_7A\_n257A | CA\_7A-7A | CA\_n78A-n257I |
| DC\_7A-7A\_n78A-n257J | DC\_7A\_n78A  DC\_7A\_n257A | CA\_7A-7A | CA\_n78A-n257J |
| DC\_7A-7A\_n78A-n257K | DC\_7A\_n78A  DC\_7A\_n257A | CA\_7A-7A | CA\_n78A-n257K |
| DC\_7A-7A\_n78A-n257L | DC\_7A\_n78A  DC\_7A\_n257A | CA\_7A-7A | CA\_n78A-n257L |
| DC\_7A-7A\_n78A-n257M | DC\_7A\_n78A  DC\_7A\_n257A | CA\_7A-7A | CA\_n78A-n257M |
| DC\_8A\_n77A-n257A | DC\_8A\_n77A  DC\_8A\_n257A | 8A | CA\_n77A-n257A |
| DC\_19A\_n77A-n257A | DC\_19A\_n77A  DC\_19A\_n257A  DC\_19A\_n77A-n257A | 19A | CA\_n77A-n257A |
| DC\_19A\_n77A-n257D | DC\_19A\_n77A  DC\_19A\_n257A  DC\_19A\_n77A-n257A | 19A | CA\_n77A-n257D |
| DC\_19A\_n77A-n257E | DC\_19A\_n77A  DC\_19A\_n257A  DC\_19A\_n77A-n257A | 19A | CA\_n77A-n257E |
| DC\_19A\_n77A-n257F | DC\_19A\_n77A  DC\_19A\_n257A  DC\_19A\_n77A-n257A | 19A | CA\_n77A-n257F |
| DC\_19A\_n77C-n257A | DC\_19A\_n77A  DC\_19A\_n257A  DC\_19A\_n77A-n257A | 19A | CA\_n77C-n257A |
| DC\_19A\_n77C-n257D | DC\_19A\_n77A  DC\_19A\_n257A  DC\_19A\_n77A-n257A | 19A | CA\_n77C-n257D |
| DC\_19A\_n77C-n257E | DC\_19A\_n77A  DC\_19A\_n257A  DC\_19A\_n77A-n257A | 19A | CA\_n77C-n257E |
| DC\_19A\_n77C-n257F | DC\_19A\_n77A  DC\_19A\_n257A  DC\_19A\_n77A-n257A | 19A | CA\_n77C-n257F |
| DC\_19A\_n78A-n257A | DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n78A-n257A | 19A | CA\_n78A-n257A |
| DC\_19A\_n78A-n257D | DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n78A-n257A | 19A | CA\_n78A-n257D |
| DC\_19A\_n78A-n257E | DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n78A-n257A | 19A | CA\_n78A-n257E |
| DC\_19A\_n78A-n257F | DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n78A-n257A | 19A | CA\_n78A-n257F |
| DC\_19A\_n78C-n257A | DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n78A-n257A | 19A | CA\_n78C-n257A |
| DC\_19A\_n78C-n257D | DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n78A-n257A | 19A | CA\_n78C-n257D |
| DC\_19A\_n78C-n257E | DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n78A-n257A | 19A | CA\_n78C-n257E |
| DC\_19A\_n78C-n257F | DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n78A-n257A | 19A | CA\_n78C-n257F |
| DC\_19A\_n79A-n257A | DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n79A-n257A | 19A | CA\_n79A-n257A |
| DC\_19A\_n79A-n257D | DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n79A-n257A | 19A | CA\_n79A-n257D |
| DC\_19A\_n79A-n257E | DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n79A-n257A | 19A | CA\_n79A-n257E |
| DC\_19A\_n79A-n257F | DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n79A-n257A | 19A | CA\_n79A-n257F |
| DC\_19A\_n79C-n257A | DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n79A-n257A | 19A | CA\_n79C-n257A |
| DC\_19A\_n79C-n257D | DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n79A-n257A | 19A | CA\_n79C-n257D |
| DC\_19A\_n79C-n257E | DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n79A-n257A | 19A | CA\_n79C-n257E |
| DC\_19A\_n79C-n257F | DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n79A-n257A | 19A | CA\_n79C-n257F |
| DC\_21A\_n77A-n257A | DC\_21A\_n77A  DC\_21A\_n257A | 21A | CA\_n77A-n257A |
| DC\_21A\_n78A-n257A | DC\_21A\_n78A  DC\_21A\_n257A | 21A | CA\_n78A-n257A |
| DC\_21A\_n79A-n257A | DC\_21A\_n79A  DC\_21A\_n257A | 21A | CA\_n79A-n257A |
| DC\_28A\_n8A-n258A | DC\_28A\_n8A  DC\_28A\_n258A | 28A | CA\_n8A-n258A |
| DC\_66A\_n5A-n260A | DC\_66A\_n5A  DC\_66A\_n260A | 66A | CA\_n5A-n260A |
| DC\_66A\_n71A-n260A | DC\_66A\_n71A  DC\_66A\_n260A | 66A | CA\_n71A-n260A |
| DC\_66A\_n71A-n260(2A) | DC\_66A\_n71A  DC\_66A\_n260A | 66A | CA\_n71A-n260(2A) |
| DC\_66A\_n71A-n261A | DC\_66A\_n71A  DC\_66A\_n261A | 66A | CA\_n71A-n261A |
| DC\_66A\_n71A-n261(2A) | DC\_66A\_n71A  DC\_66A\_n261A | 66A | CA\_n71A-n261(2A) |
| NOTE 1: Uplink CA configurations are the configurations supported by the present release of specifications. | | | |

#### 5.5B.6.3 Inter-band EN-DC configurations including FR1 and FR2 (four bands)

Table 5.5B.6.3-1: Inter-band EN-DC configurations including FR1 and FR2 (four bands)

| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | E-UTRA configuration | NR configuration |
| --- | --- | --- | --- |
| DC\_1A-3A\_n78A-n257A | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A | CA\_1A-3A | CA\_n78A-n257A |
| DC\_1A-3A\_n78A-n257D | DC\_1A\_n78A  DC\_3A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A | CA\_1A-3A | CA\_n78A-n257D |
| DC\_1A-3A\_n78A-n257E | DC\_1A\_n78A  DC\_3A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A | CA\_1A-3A | CA\_n78A-n257E |
| DC\_1A-3A\_n78A-n257F | DC\_1A\_n78A  DC\_3A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A | CA\_1A-3A | CA\_n78A-n257F |
| DC\_1A-3A\_n78A-n257G | DC\_1A\_n78A  DC\_3A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A | CA\_1A-3A | CA\_n78A-n257G |
| DC\_1A-3A\_n78A-n257H | DC\_1A\_n78A  DC\_3A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A | CA\_1A-3A | CA\_n78A-n257H |
| DC\_1A-3A\_n78A-n257I | DC\_1A\_n78A  DC\_3A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A | CA\_1A-3A | CA\_n78A-n257I |
| DC\_1A-3A\_n78A-n257J | DC\_1A\_n78A  DC\_3A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A | CA\_1A-3A | CA\_n78A-n257J |
| DC\_1A-3A\_n78A-n257K | DC\_1A\_n78A  DC\_3A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A | CA\_1A-3A | CA\_n78A-n257K |
| DC\_1A-3A\_n78A-n257L | DC\_1A\_n78A  DC\_3A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A | CA\_1A-3A | CA\_n78A-n257L |
| DC\_1A-3A\_n78A-n257M | DC\_1A\_n78A  DC\_3A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A | CA\_1A-3A | CA\_n78A-n257M |
| DC\_1A-5A\_n78A-n257A | DC\_1A\_n78A  DC\_1A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A | CA\_1A-5A | CA\_n78A-n257A |
| DC\_1A-5A\_n78A-n257D | DC\_1A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_5A\_n257A | CA\_1A-5A | CA\_n78A-n257D |
| DC\_1A-5A\_n78A-n257E | DC\_1A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_5A\_n257A | CA\_1A-5A | CA\_n78A-n257E |
| DC\_1A-5A\_n78A-n257F | DC\_1A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_5A\_n257A | CA\_1A-5A | CA\_n78A-n257F |
| DC\_1A-5A\_n78A-n257G | DC\_1A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_5A\_n257A | CA\_1A-5A | CA\_n78A-n257G |
| DC\_1A-5A\_n78A-n257H | DC\_1A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_5A\_n257A | CA\_1A-5A | CA\_n78A-n257H |
| DC\_1A-5A\_n78A-n257I | DC\_1A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_5A\_n257A | CA\_1A-5A | CA\_n78A-n257I |
| DC\_1A-5A\_n78A-n257J | DC\_1A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_5A\_n257A | CA\_1A-5A | CA\_n78A-n257J |
| DC\_1A-5A\_n78A-n257K | DC\_1A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_5A\_n257A | CA\_1A-5A | CA\_n78A-n257K |
| DC\_1A-5A\_n78A-n257L | DC\_1A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_5A\_n257A | CA\_1A-5A | CA\_n78A-n257L |
| DC\_1A-5A\_n78A-n257M | DC\_1A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_5A\_n257A | CA\_1A-5A | CA\_n78A-n257M |
| DC\_1A-7A-7A\_n78A-n257A | DC\_1A\_n78A  DC\_1A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A | CA\_1A-7A-7A | CA\_n78A-n257A |
| DC\_1A-7A-7A\_n78A-n257D | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A-7A | CA\_n78A-n257D |
| DC\_1A-7A-7A\_n78A-n257E | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A-7A | CA\_n78A-n257E |
| DC\_1A-7A-7A\_n78A-n257F | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A-7A | CA\_n78A-n257F |
| DC\_1A-7A-7A\_n78A-n257G | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A-7A | CA\_n78A-n257G |
| DC\_1A-7A-7A\_n78A-n257H | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A-7A | CA\_n78A-n257H |
| DC\_1A-7A-7A\_n78A-n257I | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A-7A | CA\_n78A-n257I |
| DC\_1A-7A-7A\_n78A-n257J | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A-7A | CA\_n78A-n257J |
| DC\_1A-7A-7A\_n78A-n257K | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A-7A | CA\_n78A-n257K |
| DC\_1A-7A-7A\_n78A-n257L | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A-7A | CA\_n78A-n257L |
| DC\_1A-7A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A-7A | CA\_n78A-n257M |
| DC\_1A-7A\_n78A-n257A | DC\_1A\_n78A  DC\_1A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A | CA\_1A-7A | CA\_n78A-n257A |
| DC\_1A-7A\_n78A-n257D | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A | CA\_n78A-n257D |
| DC\_1A-7A\_n78A-n257E | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A | CA\_n78A-n257E |
| DC\_1A-7A\_n78A-n257F | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A | CA\_n78A-n257F |
| DC\_1A-7A\_n78A-n257G | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A | CA\_n78A-n257G |
| DC\_1A-7A\_n78A-n257H | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A | CA\_n78A-n257H |
| DC\_1A-7A\_n78A-n257I | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A | CA\_n78A-n257I |
| DC\_1A-7A\_n78A-n257J | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A | CA\_n78A-n257J |
| DC\_1A-7A\_n78A-n257K | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A | CA\_n78A-n257K |
| DC\_1A-7A\_n78A-n257L | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A | CA\_n78A-n257L |
| DC\_1A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_7A\_n257A | CA\_1A-7A | CA\_n78A-n257M |
| DC\_3A-5A\_n78A-n257A | DC\_3A\_n78A  DC\_3A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A | CA\_3A-5A | CA\_n78A-n257A |
| DC\_3A-5A\_n78A-n257D | DC\_3A\_n78A  DC\_5A\_n78A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_3A-5A | CA\_n78A-n257D |
| DC\_3A-5A\_n78A-n257E | DC\_3A\_n78A  DC\_5A\_n78A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_3A-5A | CA\_n78A-n257E |
| DC\_3A-5A\_n78A-n257F | DC\_3A\_n78A  DC\_5A\_n78A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_3A-5A | CA\_n78A-n257F |
| DC\_3A-5A\_n78A-n257G | DC\_3A\_n78A  DC\_5A\_n78A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_3A-5A | CA\_n78A-n257G |
| DC\_3A-5A\_n78A-n257H | DC\_3A\_n78A  DC\_5A\_n78A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_3A-5A | CA\_n78A-n257H |
| DC\_3A-5A\_n78A-n257I | DC\_3A\_n78A  DC\_5A\_n78A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_3A-5A | CA\_n78A-n257I |
| DC\_3A-5A\_n78A-n257J | DC\_3A\_n78A  DC\_5A\_n78A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_3A-5A | CA\_n78A-n257J |
| DC\_3A-5A\_n78A-n257K | DC\_3A\_n78A  DC\_5A\_n78A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_3A-5A | CA\_n78A-n257K |
| DC\_3A-5A\_n78A-n257L | DC\_3A\_n78A  DC\_5A\_n78A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_3A-5A | CA\_n78A-n257L |
| DC\_3A-5A\_n78A-n257M | DC\_3A\_n78A  DC\_5A\_n78A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_3A-5A | CA\_n78A-n257M |
| DC\_3A-7A-7A\_n78A-n257A | DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A | CA\_3A-7A-7A | CA\_n78A-n257A |
| DC\_3A-7A-7A\_n78A-n257D | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A-7A | CA\_n78A-n257D |
| DC\_3A-7A-7A\_n78A-n257E | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A-7A | CA\_n78A-n257E |
| DC\_3A-7A-7A\_n78A-n257F | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A-7A | CA\_n78A-n257F |
| DC\_3A-7A-7A\_n78A-n257G | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A-7A | CA\_n78A-n257G |
| DC\_3A-7A-7A\_n78A-n257H | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A-7A | CA\_n78A-n257H |
| DC\_3A-7A-7A\_n78A-n257I | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A-7A | CA\_n78A-n257I |
| DC\_3A-7A-7A\_n78A-n257J | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A-7A | CA\_n78A-n257J |
| DC\_3A-7A-7A\_n78A-n257K | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A-7A | CA\_n78A-n257K |
| DC\_3A-7A-7A\_n78A-n257L | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A-7A | CA\_n78A-n257L |
| DC\_3A-7A-7A\_n78A-n257M | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A-7A | CA\_n78A-n257M |
| DC\_3A-7A\_n78A-n257A | DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A | CA\_3A-7A | CA\_n78A-n257A |
| DC\_3A-7A\_n78A-n257D | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A | CA\_n78A-n257D |
| DC\_3A-7A\_n78A-n257E | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A | CA\_n78A-n257E |
| DC\_3A-7A\_n78A-n257F | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A | CA\_n78A-n257F |
| DC\_3A-7A\_n78A-n257G | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A | CA\_n78A-n257G |
| DC\_3A-7A\_n78A-n257H | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A | CA\_n78A-n257H |
| DC\_3A-7A\_n78A-n257I | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A | CA\_n78A-n257I |
| DC\_3A-7A\_n78A-n257J | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A | CA\_n78A-n257J |
| DC\_3A-7A\_n78A-n257K | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A | CA\_n78A-n257K |
| DC\_3A-7A\_n78A-n257L | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A | CA\_n78A-n257L |
| DC\_3A-7A\_n78A-n257M | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A | CA\_3A-7A | CA\_n78A-n257M |
| DC\_5A-7A-7A\_n78A-n257A | DC\_5A\_n78A  DC\_5A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A | CA\_5A-7A-7A | CA\_n78A-n257A |
| DC\_5A-7A-7A\_n78A-n257D | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A-7A | CA\_n78A-n257D |
| DC\_5A-7A-7A\_n78A-n257E | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A-7A | CA\_n78A-n257E |
| DC\_5A-7A-7A\_n78A-n257F | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A-7A | CA\_n78A-n257F |
| DC\_5A-7A-7A\_n78A-n257G | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A-7A | CA\_n78A-n257G |
| DC\_5A-7A-7A\_n78A-n257H | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A-7A | CA\_n78A-n257H |
| DC\_5A-7A-7A\_n78A-n257I | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A-7A | CA\_n78A-n257I |
| DC\_5A-7A-7A\_n78A-n257J | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A-7A | CA\_n78A-n257J |
| DC\_5A-7A-7A\_n78A-n257K | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A-7A | CA\_n78A-n257K |
| DC\_5A-7A-7A\_n78A-n257L | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A-7A | CA\_n78A-n257L |
| DC\_5A-7A-7A\_n78A-n257M | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A-7A | CA\_n78A-n257M |
| DC\_5A-7A\_n78A-n257A | DC\_5A\_n78A  DC\_5A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A | CA\_5A-7A | CA\_n78A-n257A |
| DC\_5A-7A\_n78A-n257D | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A | CA\_n78A-n257D |
| DC\_5A-7A\_n78A-n257E | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A | CA\_n78A-n257E |
| DC\_5A-7A\_n78A-n257F | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A | CA\_n78A-n257F |
| DC\_5A-7A\_n78A-n257G | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A | CA\_n78A-n257G |
| DC\_5A-7A\_n78A-n257H | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A | CA\_n78A-n257H |
| DC\_5A-7A\_n78A-n257I | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A | CA\_n78A-n257I |
| DC\_5A-7A\_n78A-n257J | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A | CA\_n78A-n257J |
| DC\_5A-7A\_n78A-n257K | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A | CA\_n78A-n257K |
| DC\_5A-7A\_n78A-n257L | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A | CA\_n78A-n257L |
| DC\_5A-7A\_n78A-n257M | DC\_5A\_n78A  DC\_7A\_n78A  DC\_5A\_n257A  DC\_7A\_n257A | CA\_5A-7A | CA\_n78A-n257M |
| NOTE 1: Uplink CA configurations are the configurations supported by the present release of specifications. | | | |

#### 5.5B.6.4 Inter-band EN-DC configurations including FR1 and FR2 (five bands)

Table 5.5B.6.4-1: Inter-band EN-DC configurations including FR1 and FR2 (five bands)

| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | E-UTRA configuration | NR configuration |
| --- | --- | --- | --- |
| DC\_1A-3A-5A\_n78A-n257A | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A | CA\_1A-3A-5A | CA\_n78A-n257A |
| DC\_1A-3A-5A\_n78A-n257D | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_1A-3A-5A | CA\_n78A-n257D |
| DC\_1A-3A-5A\_n78A-n257E | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_1A-3A-5A | CA\_n78A-n257E |
| DC\_1A-3A-5A\_n78A-n257F | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_1A-3A-5A | CA\_n78A-n257F |
| DC\_1A-3A-5A\_n78A-n257G | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_1A-3A-5A | CA\_n78A-n257G |
| DC\_1A-3A-5A\_n78A-n257H | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_1A-3A-5A | CA\_n78A-n257H |
| DC\_1A-3A-5A\_n78A-n257I | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_1A-3A-5A | CA\_n78A-n257I |
| DC\_1A-3A-5A\_n78A-n257J | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_1A-3A-5A | CA\_n78A-n257J |
| DC\_1A-3A-5A\_n78A-n257K | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_1A-3A-5A | CA\_n78A-n257K |
| DC\_1A-3A-5A\_n78A-n257L | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_1A-3A-5A | CA\_n78A-n257L |
| DC\_1A-3A-5A\_n78A-n257M | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A | CA\_1A-3A-5A | CA\_n78A-n257M |
| DC\_1A-3A-7A-7A\_n78A-n257A | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A | CA\_1A-3A-7A-7A | CA\_n78A-n257A |
| DC\_1A-3A-7A\_n78A-n257A | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A | CA\_1A-3A-7A | CA\_n78A-n257A |
| DC\_1A-5A-7A-7A\_n78A-n257A | DC\_1A\_n78A  DC\_1A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A | CA\_1A-5A-7A-7A | CA\_n78A-n257A |
| DC\_1A-5A-7A\_n78A-n257A | DC\_1A\_n78A  DC\_1A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A | CA\_1A-5A-7A | CA\_n78A-n257A |
| DC\_3A-5A-7A-7A\_n78A-n257A | DC\_3A\_n78A  DC\_3A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A | CA\_3A-5A-7A-7A | CA\_n78A-n257A |
| DC\_3A-5A-7A\_n78A-n257A | DC\_3A\_n78A  DC\_3A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A | CA\_3A-5A-7A | CA\_n78A-n257A |

#### 5.5B.6.5 Inter-band EN-DC configurations including FR1 and FR2 (six bands)

Table 5.5B.6.5-1: Inter-band EN-DC configurations including FR1 and FR2 (six bands)

|  |  |  |  |
| --- | --- | --- | --- |
| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | E-UTRA configuration | NR configuration |
| DC\_1A-3A-5A-7A\_n78A-n257A | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A | CA\_1A-3A-5A-7A | CA\_n78A-n257A |
| NOTE 1: Uplink CA configurations are the configurations supported by the present release of specifications. | | | |

*<Unchanged sections are omitted>*

### 6.2B.4 Configured output power for EN-DC

#### 6.2B.4.1 Configured output power level

*<Unchanged sections are omitted>*

#### 6.2B.4.2 ΔTIB,c for EN-DC

For the UE which supports inter-band EN-DC configuration, ΔTIB,c in Tables below applies where unless otherwise stated, the same ΔTIB,c is applicable to NR band(s) part for DC configurations which have the same NR operating band combination. Unless otherwise stated, ΔTIB,c is set to zero.

##### 6.2B.4.2.1 Intra-band contiguous EN-DC

ΔTIB,c is not applicable for intra-band contiguous EN-DC.

##### 6.2B.4.2.2 Intra-band non-contiguous EN-DC

ΔTIB,c is not applicable for intra-band non-contiguous EN-DC.

##### 6.2B.4.2.3 Inter-band EN-DC within FR1

###### 6.2B.4.2.3.1 ΔTIB,c for EN-DC two bands

Table 6.2B.4.2.3.1-1: ΔTIB,c due to EN-DC(two bands)

| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔTIB,c (dB) |
| --- | --- | --- |
| DC\_1\_n28 | 1 | 0.3 |
| n28 | 0.6 |
| DC\_1\_n40 | 1 | 0.5 |
| n40 | 0.5 |
| DC\_1\_n51 | 1 | 0.6 |
| n51 | 0.6 |
| DC\_1\_n77 | 1 | 0.6 |
| n77 | 0.8 |
| DC\_1\_n78 | 1 | 0.3 |
| n78 | 0.8 |
| DC\_2\_n5 | 2 | 0.3 |
| n5 | 0.3 |
| DC\_2\_n66 | 2 | 0.5 |
| n66 | 0.5 |
| DC\_2\_n71 | 2 | 0.3 |
| n71 | 0.3 |
| DC\_2\_n78 | 2 | 0.6 |
| n78 | 0.8 |
| DC\_3\_n7 | 3 | 0.5 |
| n7 | 0.5 |
| DC\_3\_n28 | 3 | 0.3 |
| n28 | 0.3 |
| DC\_3\_n40 | 3 | 0.5 |
| n40 | 0.5 |
| DC\_3\_n51 | 3 | 0.3 |
| n51 | 0.3 |
| DC\_3\_n77 | 3 | 0.6 |
| n77 | 0.8 |
| DC\_3\_n78 | 3 | 0.6 |
| n78 | 0.8 |
| DC\_5\_n40 | 5 | 0.3 |
| n40 | 0.3 |
| DC\_5\_n66 | 5 | 0.3 |
| n66 | 0.3 |
| DC\_5\_n78 | 5 | 0.6 |
| n78 | 0.8 |
| DC\_7\_n28 | 7 | 0.3 |
| n28 | 0.3 |
| DC\_7\_n51 | 7 | 0.3 |
| n51 | 0.3 |
| DC\_7\_n78 | 7 | 0.5 |
| n78 | 0.8 |
| DC\_8\_n40 | 8 | 0.3 |
| n40 | 0.3 |
| DC\_8\_n77 | 8 | 0.6 |
| n77 | 0.8 |
| DC\_8\_n78 | 8 | 0.6 |
| n77 | 0.8 |
| DC\_11\_n77 | 11 | 0.4 |
| n77 | 0.8 |
| DC\_11\_n78 | 11 | 0.4 |
| n78 | 0.8 |
| DC\_12\_n5 | 12 | 0.4 |
| n5 | 0.8 |
| DC\_12\_n66 | 12 | 0.8 |
| n66 | 0.3 |
| DC\_18\_n77 | 18 | 0.3 |
| n77 | 0.8 |
| DC\_18\_n78 | 18 | 0.3 |
| n78 | 0.8 |
| DC\_19\_n77 | 19 | 0.3 |
| n77 | 0.8 |
| DC\_19\_n78 | 19 | 0.3 |
| n78 | 0.8 |
| DC\_20\_n8 | 20 | 0.4 |
| n8 | 0.4 |
| DC\_20\_n28 | 20 | 0.5 |
| n28 | 0.5 |
| DC\_20\_n51 | 20 | 0.5 |
| n51 | 0.5 |
| DC\_20\_n77 | 20 | 0.6 |
| n77 | 0.8 |
| DC\_20\_n78 | 20 | 0.6 |
| n78 | 0.8 |
| DC\_21\_n77 | 21 | 0.4 |
| n77 | 0.8 |
| DC\_21\_n78 | 21 | 0.4 |
| n78 | 0.8 |
| n77 | 0.8 |
| DC\_25\_n41 | 25 | 0.5 |
| n41 | 0.41 |
| 0.92 |
| DC\_26\_n41 | 26 | 0.3 |
| n41 | 0.3 |
| DC\_26\_n77 | 26 | 0.3 |
| n77 | 0.8 |
| DC\_26\_n78 | 26 | 0.3 |
| n78 | 0.8 |
| DC\_28\_n51 | 28 | 0.5 |
| n51 | 0.5 |
| DC\_28\_n77 | 28 | 0.5 |
| n77 | 0.8 |
| DC\_28\_n78 | 28 | 0.5 |
| n78 | 0.8 |
| DC\_30\_n5 | 30 | 0.3 |
| n5 | 0.3 |
| DC\_30\_n66 | 30 | 0.5 |
| n66 | 0.8 |
| DC\_38\_n78 | n78 | 0.5 |
| DC\_39\_n78 | 39 | 0.3 |
| n78 | 0.8 |
| DC\_39\_n79 | 39 | 0.3 |
| n79 | 0.8 |
| DC\_40\_n77 | n77 | 0.5 |
| DC\_41\_n77 | 41 | 0.3 |
| n77 | 0.8 |
| DC\_41\_n78 | 41 | 0.3 |
| n78 | 0.8 |
| DC\_41\_n79 | 41 | 0.3 |
| n79 | 0.8 |
| DC\_42\_n51 | 42 | 0.6 |
| n51 | 0.8 |
| DC\_66\_n5 | 66 | 0.3 |
| n5 | 0.3 |
| DC\_66\_n71 | 66 | 0.3 |
| n71 | 0.3 |
| DC\_66\_n78 | 66 | 0.6 |
| n78 | 0.8 |
| NOTE 1: The requirement is applied for UE transmitting on the frequency range of 2545-2690 MHz.  NOTE 2: The requirement is applied for UE transmitting on the frequency range of 2496-2545 MHz. | | |

###### 6.2B.4.2.3.2 ΔTIB,c for EN-DC three bands

Table 6.2B.4.2.3.2-1: ΔTIB,c due to EN-DC (three bands)

| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔTIB,c (dB) |
| --- | --- | --- |
| DC\_1-3\_n28 | 1 | 0.3 |
| 3 | 0.3 |
| n28 | 0.6 |
| DC\_1-3\_n77 | 1 | 0.6 |
| 3 | 0.6 |
| n77 | 0.8 |
| DC\_1-3\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| n78 | 0.8 |
| DC\_1-3\_n79 | 1 | 0.3 |
| 3 | 0.3 |
| DC\_1-5\_n78 | 1 | 0.3 |
| 5 | 0.6 |
| n78 | 0.8 |
| DC\_1-7\_n28 | 1 | 0.5 |
| 7 | 0.6 |
| n28 | 0.6 |
| DC\_1-7\_n78 | 1 | 0.6 |
| 7 | 0.6 |
| n78 | 0.8 |
| DC\_1-7-7\_n78 | 1 | 0.6 |
| 7 | 0.6 |
| n78 | 0.8 |
| DC\_1\_n7-n78 | 1 | 0.6 |
| n7 | 0.6 |
| n78 | 0.8 |
| DC\_1-8\_n78 | 1 | 0.3 |
| 8 | 0.6 |
| n78 | 0.8 |
| DC\_1-18\_n77 | 1 | 0.3 |
| 18 | 0.3 |
| n77 | 0.8 |
| DC\_1-18\_n78 | 1 | 0.3 |
| 18 | 0.3 |
| n78 | 0.8 |
| DC\_1-19\_n77 | 1 | 0.3 |
| 19 | 0.3 |
| n77 | 0.8 |
| DC\_1-19\_n78 | 1 | 0.3 |
| 19 | 0.3 |
| n78 | 0.8 |
| DC\_1-19\_n79 | 1 | 0.3 |
| 19 | 0.3 |
| DC\_1-20\_n28 | 1 | 0.3 |
| 20 | 0.6 |
| n28 | 0.6 |
| DC\_1-20\_n78 | 1 | 0.3 |
| 20 | 0.3 |
| n78 | 0.8 |
| DC\_1-21\_n77 | 1 | 0.3 |
| 21 | 0.3 |
| n77 | 0.8 |
| DC\_1-21\_n78 | 1 | 0.6 |
| 21 | 0.4 |
| n78 | 0.8 |
| DC\_1-21\_n79 | 1 | 0.3 |
| 21 | 0.3 |
| DC\_1\_n40-n78 | 1 | 0.3 |
| n40 | 0.5 |
| n78 | 0.8 |
| DC\_1-41\_n77 | 1 | 0.5 |
| 41 | 0.5 |
| n77 | 0.8 |
| DC\_1-41\_n78 | 1 | 0.5 |
| 41 | 0.5 |
| n78 | 0.8 |
| DC\_1-41\_n79 | 1 | 0.5 |
| 41 | 0.5 |
| DC\_1-28\_n77 | 1 | 0.3 |
| 28 | 0.6 |
| n77 | 0.8 |
| DC\_1-28\_n78 | 1 | 0.3 |
| 28 | 0.6 |
| n78 | 0.8 |
| DC\_1\_n28-n78 | 1 | 0.3 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_1\_n28-n79 | 1 | 0.3 |
| n28 | 0.3 |
| DC\_1-42\_n77 | 1 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-42\_n78 | 1 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-42\_n79 | 1 | 0.3 |
| 42 | 0.8 |
| DC\_1\_SUL\_n78-n84 | 1 | 0.3 |
| n78 | 0.8 |
| n84 | 0.3 |
| DC\_1\_n77-n79 | 1 | 0.6 |
| n77 | 0.8 |
| n79 | 0 |
| DC\_1\_n78-n79 | 1 | 0.3 |
| n78 | 0.8 |
| n79 | 0.5 |
| DC\_2-(n)71 | 2 | 0.3 |
| 71 | 0.3 |
| n71 |
| DC\_2-5\_n66 | 2 | 0.5 |
| 5 | 0.3 |
| n66 | 0.5 |
| DC\_2-30\_n66 | 2 | 0.5 |
| 30 | 0.3 |
| n66 | 0.5 |
| DC\_2-66\_n71 | 2 | 0.5 |
| 66 | 0.5 |
| n71 | 0.3 |
| DC\_3\_n1-n77 | 3 | 0.6 |
| n1 | 0.6 |
| n77 | 0.8 |
| DC\_3\_n1-n78 | 3 | 0.6 |
| n1 | 0.6 |
| n78 | 0.8 |
| DC\_3\_n1-n79 | 3 | 0.3 |
| n1 | 0.3 |
| n79 | 0.0 |
| DC\_3\_n3-n77 | 3 | 0.6 |
| n3 | 0.6 |
| n77 | 0.8 |
| DC\_3\_n3-n78 | 3 | 0.6 |
| n3 | 0.6 |
| n78 | 0.8 |
| DC\_3-5\_n78 | 3 | 0.6 |
| 5 | 0.6 |
| n78 | 0.8 |
| DC\_3-7\_n28 | 3 | 0.5 |
| 7 | 0.5 |
| n28 | 0.3 |
| DC\_3-7\_n78, DC\_3-7-7\_n78 | 3 | 0.6 |
| 7 | 0.6 |
| n78 | 0.8 |
| DC\_3\_n7-n78 | 3 | 0.6 |
| n7 | 0.6 |
| n78 | 0.8 |
| DC\_3-8\_n78 | 3 | 0.6 |
| 8 | 0.6 |
| n78 | 0.8 |
| DC\_3-19\_n77 | 3 | 0.6 |
| 19 | 0.3 |
| n77 | 0.8 |
| DC\_3-19\_n78 | 3 | 0.6 |
| 19 | 0.3 |
| n78 | 0.8 |
| DC\_3-19\_n79 | 3 | 0.3 |
| 19 | 0.3 |
| DC\_3-20\_n28 | 3 | 0.3 |
| 20 | 0.5 |
| n28 | 0.5 |
| DC\_3-20\_n78 | 3 | 0.5 |
| 20 | 0.3 |
| n78 | 0.8 |
| DC\_3\_n20-n78 | 3 | 0.5 |
| n20 | 0.3 |
| n78 | 0.8 |
| DC\_3-21\_n77 | 3 | 0.8 |
| 21 | 0.9 |
| n77 | 0.8 |
| DC\_3-21\_n78 | 3 | 0.8 |
| 21 | 0.9 |
| n78 | 0.8 |
| DC\_3-21\_n79 | 3 | 0.8 |
| 21 | 0.9 |
| DC\_3-28\_n78 | 3 | 0.5 |
| 28 | 0.3 |
| n78 | 0.8 |
| DC\_3\_n28-n78 | 3 | 0.5 |
| n28 | 0.3 |
| n78 | 0.8 |
| DC\_3-38\_n78 | 3 | 0.6 |
| n78 | 0.8 |
| DC\_3\_n40-n78 | 3 | 0.6 |
| n40 | 0.5 |
| n78 | 0.8 |
| DC\_3-41\_n78 | 3 | 0.6 |
| 41 | 0.31 |
| 0.82 |
| n78 | 0.8 |
| DC\_3-42\_n77 | 3 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_3-42\_n78 | 3 | 0.6 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_3-42\_n79 | 3 | 0.6 |
| 42 | 0.8 |
| DC\_3\_n77-n79 | 3 | 0.6 |
| n77 | 0.8 |
| n79 | 0 |
| DC\_3\_n78-n79 | 3 | 0.6 |
| n78 | 0.8 |
| n79 | 0.5 |
| DC\_3\_SUL\_n78-n80 | 3 | 0.6 |
| n78 | 0.8 |
| n80 | 0.6 |
| DC\_3\_SUL\_n78-n82 | 3 | 0.5 |
| n78 | 0.8 |
| n82 | 0.3 |
| DC\_5-7\_n78, DC\_5-7-7\_n78 | 5 | 0.6 |
| 7 | 0.6 |
| n78 | 0.8 |
| DC\_5-30\_n66 | 5 | 0.3 |
| 30 | 0.3 |
| n66 | 0.5 |
| DC\_7-7\_n78 | 7 | 0.5 |
| n78 | 0.8 |
| DC\_7-20\_n28 | 7 | 0.3 |
| 20 | 0.6 |
| n28 | 0.6 |
| DC\_7-20\_n78 | 7 | 0.3 |
| 20 | 0.3 |
| n78 | 0.8 |
| DC\_7-28\_n78 | 7 | 0.3 |
| 28 | 0.3 |
| n78 | 0.8 |
| DC\_7\_n28-n78 | 7 | 0.3 |
| n28 | 0.3 |
| n78 | 0.8 |
| DC\_7-46\_n78 | 7 | 0.5 |
| n78 | 0.8 |
| DC\_8\_SUL\_n78- n81 | 8 | 0.6 |
| n78 | 0.8 |
| n81 | 0.6 |
| DC\_18-28\_n77 | 18 | 0.5 |
| 28 | 0.5 |
| n77 | 0.8 |
| DC\_18-28\_n78 | 18 | 0.5 |
| 28 | 0.5 |
| n78 | 0.8 |
| DC\_18-28\_n79 | 18 | 0.5 |
| 28 | 0.5 |
| DC\_19-21\_n77 | 19 | 0.3 |
| 21 | 0.4 |
| n77 | 0.8 |
| DC\_19-21\_n78 | 19 | 0.3 |
| 21 | 0.4 |
| n78 | 0.8 |
| DC\_19-21\_n79 | 19 | 0.3 |
| 21 | 0.4 |
| DC\_19-42\_n77 | 19 | 0.3 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_19-42\_n78 | 19 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_19-42\_n79 | 19 | 0.3 |
| 42 | 0.8 |
| DC\_19\_n77-n79 | 19 | 0.3 |
| n77 | 0.8 |
| n79 | 0 |
| DC\_19\_n78-n79 | 19 | 0.3 |
| n78 | 0.8 |
| n79 | 0.5 |
| DC\_20\_n8-n75 | 20 | 0.4 |
| n8 | 0.4 |
| DC\_20\_n28-n75 | 20 | 0.5 |
| n28 | 0.7 |
| DC\_20\_n28-n78 | 20 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_20\_n75-n78 | 20 | 0.5 |
| n78 | 0.8 |
| DC\_20\_n76-n78 | 20 | 0.5 |
| n78 | 0.8 |
| DC\_20\_SUL\_n78-n82 | 20 | 0.6 |
| n78 | 0.8 |
| n82 | 0.6 |
| DC\_20\_SUL\_n78-n83 | 20 | 0.8 |
| n78 | 0.8 |
| n83 | 0.8 |
| DC\_21-42\_n77 | 21 | 0.4 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_21-42\_n78 | 21 | 0.4 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_21-42\_n79 | 21 | 0.4 |
| 42 | 0.8 |
| DC\_21\_n77-n79 | 21 | 0.4 |
| n77 | 0.8 |
| n79 | 0 |
| DC\_21\_n78-n79 | 21 | 0.4 |
| n78 | 0.8 |
| n79 | 0.5 |
| DC\_28\_n8-n78 | 28 | 0.5 |
| n8 | 0.6 |
| n78 | 0.3 |
| DC\_28-42\_n77 | 28 | 0.5 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_28-42\_n78 | 28 | 0.5 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_28-42\_n79 | 28 | 0.5 |
| 42 | 0.8 |
| DC\_28\_SUL\_n78-n83 | 28 | 0.5 |
| n78 | 0.8 |
| n83 | 0.5 |
| DC\_41-42\_n77 | 41 | 0.5 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_41-42\_n78 | 41 | 0.5 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_41-42\_n79 | 41 | 0. |
| 42 | 0.8 |
|  |  |  |
|  |  |
|  |  |  |
|  |  |
|  |  |  |
|  |  |
| DC\_66\_(n)71 | 66 | 0.3 |
| 71 | 0.3 |
| n71 | 0.3 |
| DC\_66\_SUL\_n78-n86 | 66 | 0.6 |
| n78 | 0.8 |
| n86 | 0.6 |
| NOTE 1: The requirement is applied for UE transmitting on the frequency range of 2545-2690 MHz.  NOTE 2: The requirement is applied for UE transmitting on the frequency range of 2496-2545 MHz. | | |

###### 6.2B.4.2.3.3 ΔTIB,c for EN-DC four bands

Table 6.2B.4.2.3.3-1: ΔTIB,c due to EN-DC(four bands)

| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔTIB,c (dB) |
| --- | --- | --- |
| DC\_1-3-5\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 5 | 0.3 |
| n78 | 0.8 |
| DC\_1-3-7\_n28 | 1 | 0.6 |
| 3 | 0.6 |
| 7 | 0.6 |
| n28 | 0.6 |
| DC\_1-3-7\_n78  DC\_1-3-7-7\_n78  DC\_1-3\_n7-n78 | 1 | 0.7 |
| 3 | 0.7 |
| 7 or n7 | 0.7 |
| n78 | 0.8 |
| DC\_1-3-8\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 8 | 0.6 |
| n78 | 0.8 |
| DC\_1-3-28\_n77 | 1 | 0.6 |
| 3 | 0.6 |
| 28 | 0.6 |
| n77 | 0.8 |
| DC\_1-3-28\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 28 | 0.6 |
| n78 | 0.8 |
| DC\_1-3\_n28-n78 | 1 | 0.6 |
| 3 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_1-3-28\_n79 | 1 | 0.6 |
| 3 | 0.6 |
| 28 | 0.6 |
| DC\_1-3-19\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 19 | 0.3 |
| n78 | 0.8 |
| DC\_1-3-19\_n79 | 1 | 0.3 |
| 3 | 0.3 |
| 19 | 0.3 |
| DC\_1-3-20\_n28 | 1 | 0.3 |
| 3 | 0.3 |
| 20 | 0.6 |
| n28 | 0.6 |
| DC\_1-3-20\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 20 | 0.3 |
| n78 | 0.8 |
| DC\_1-3-21\_n77 | 1 | 0.6 |
| 3 | 0.8 |
| 21 | 0.9 |
| n77 | 0.8 |
| DC\_1-3-21\_n78 | 1 | 0.6 |
| 3 | 0.8 |
| 21 | 0.9 |
| n78 | 0.8 |
| DC\_1-3-21\_n79 | 1 | 0.3 |
| 3 | 0.8 |
| 21 | 0.9 |
| DC\_1-3-42\_n77 | 1 | 0.6 |
| 3 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-3-42\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-3-42\_n79 | 1 | 0.6 |
| 3 | 0.6 |
| 42 | 0.8 |
| DC\_1-5-7\_n78  DC\_1-5-7-7\_n78 | 1 | 0.6 |
| 5 | 0.6 |
| 7 | 0.6 |
| n78 | 0.8 |
| DC\_1-7-20\_n28 | 1 | 0.5 |
| 7 | 0.6 |
| 20 | 0.6 |
| n28 | 0.6 |
| DC\_1-7-20\_n78 | 1 | 0.6 |
| 7 | 0.7 |
| 20 | 0.4 |
| n78 | 0.8 |
| DC\_1-7\_n28-n78 | 1 | 0.6 |
| 7 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_1-18-28\_n77 | 1 | 0.3 |
| 18 | 0.5 |
| 28 | 0.5 |
| n77 | 0.8 |
| DC\_1-18-28\_n78 | 1 | 0.3 |
| 18 | 0.5 |
| 28 | 0.5 |
| n78 | 0.8 |
| DC\_1-18-28\_n79 | 1 | 0.3 |
| 18 | 0.5 |
| 28 | 0.5 |
| DC\_1-19-42\_n77 | 1 | 0.6 |
| 19 | 0.3 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-19-42\_n78 | 1 | 0.3 |
| 19 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-19-42\_n79 | 1 | 0.3 |
| 19 | 0.3 |
| 42 | 0.8 |
| DC\_1-20\_n28-n78 | 1 | 0.3 |
| 20 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_1-21-28\_n77 | 1 | 0.6 |
| 21 | 0.4 |
| 28 | 0.6 |
| n77 | 0.8 |
| DC\_1-21-28\_n78 | 1 | 0.3 |
| 21 | 0.4 |
| 28 | 0.6 |
| n78 | 0.8 |
| DC\_1-21-28\_n79 | 1 | 0.3 |
| 21 | 0.4 |
| 28 | 0.6 |
| DC\_1-21-42\_n77 | 1 | 0.6 |
| 21 | 0.4 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-21-42\_n78 | 1 | 0.3 |
| 21 | 0.4 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-21-42\_n79 | 1 | 0.3 |
| 21 | 0.4 |
| 42 | 0.8 |
| DC\_1-28-42\_n77 | 1 | 0.6 |
| 28 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-28-42\_n78 | 1 | 0.3 |
| 28 | 0.6 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-28-42\_n79 | 1 | 0.3 |
| 28 | 0.6 |
| 42 | 0.8 |
| DC\_1-41-42\_n77 | 1 | 0.5 |
| 41 | 0.5 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-41-42\_n78 | 1 | 0.5 |
| 41 | 0.5 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-41-42\_n79 | 1 | 0.5 |
| 41 | 0.5 |
| 42 | 0.8 |
| DC\_2-66-(n)71 | 2 | 0.5 |
| 66 | 0.5 |
| 71 | 0.3 |
| n71 |
| DC\_3-5-7\_n78, DC\_3-5-7-7\_n78 | 3 | 0.6 |
| 5 | 0.6 |
| 7 | 0.6 |
| n78 | 0.8 |
| DC\_3-7-20\_n28 | 3 | 0.5 |
| 7 | 0.5 |
| 20 | 0.6 |
| n28 | 0.5 |
| DC\_3-7-20\_n78 | 3 | 0.6 |
| 7 | 0.6 |
| 20 | 0.3 |
| n78 | 0.8 |
| DC\_3-7-28\_n78 | 3 | 0.6 |
| 7 | 0.6 |
| 28 | 0.6 |
| n78 | 0.8 |
| DC\_3-7\_n28-n78 | 3 | 0.6 |
| 7 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_3-19-21\_n77 | 3 | 0.8 |
| 19 | 0.3 |
| 21 | 0.9 |
| n77 | 0.8 |
| DC\_3-19-21\_n78 | 3 | 0.8 |
| 19 | 0.3 |
| 21 | 0.9 |
| n78 | 0.8 |
| DC\_3-19-21\_n79 | 3 | 0.8 |
| 19 | 0.3 |
| 21 | 0.9 |
| DC\_3-19-42\_n77 | 3 | 0.6 |
| 19 | 0.3 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_3-19-42\_n78 | 3 | 0.6 |
| 19 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_3-19-42\_n79 | 3 | 0.6 |
| 19 | 0.3 |
| 42 | 0.8 |
| DC\_3-20\_n28-n78 | 3 | 0.6 |
| 20 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_3-28-42\_n77 | 3 | 0.6 |
| 28 | 0.5 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_3-28-42\_n78 | 3 | 0.6 |
| 28 | 0.5 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_3-28-42\_n79 | 3 | 0.6 |
| 28 | 0.5 |
| 42 | 0.8 |
| DC\_3-21-42\_n77 | 3 | 0.8 |
| 21 | 0.9 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_3-21-42\_n78 | 3 | 0.8 |
| 21 | 0.9 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_3-21-42\_n79 | 3 | 0.8 |
| 21 | 0.9 |
| 42 | 0.8 |
| DC\_7-20\_n28-n78 | 7 | 0.3 |
| 20 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_19-21-42\_n77 | 19 | 0.3 |
| 21 | 0.4 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_19-21-42\_n78 | 19 | 0.3 |
| 21 | 0.4 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_19-21-42\_n79 | 19 | 0.3 |
| 21 | 0.4 |
| 42 | 0.8 |
| DC\_21-28-42\_n77 | 21 | 0.4 |
| 28 | 0.5 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_21-28-42\_n78 | 21 | 0.4 |
| 28 | 0.5 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_21-28-42\_n79 | 21 | 0.4 |
| 28 | 0.5 |
| 42 | 0.8 |

###### 6.2B.4.2.3.4 ΔTIB,c for EN-DC five bands

Table 6.2B.4.2.3.4-1: ΔTIB,c due to EN-DC (five bands)

| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔTIB,c (dB) |
| --- | --- | --- |
| DC\_1-3-5-7\_n78,  DC\_1-3-5-7-7\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 5 | 0.6 |
| 7 | 0.6 |
| n78 | 0.8 |
| DC\_1-3-7-20\_n28 | 1 | 0.6 |
| 3 | 0.6 |
| 7 | 0.6 |
| 20 | 0.6 |
| n28 | 0.6 |
| DC\_1-3-7-20\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 7 | 0.6 |
| 20 | 0.6 |
| n78 | 0.6 |
| DC\_1-3-7\_n28-n78 | 1 | 0.7 |
| 3 | 0.7 |
| 7 | 0.7 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_1-3-19-21\_n77 | 1 | 0.6 |
| 3 | 0.8 |
| 19 | 0.3 |
| 21 | 0.9 |
| n77 | 0.8 |
| DC\_1-3-19-21\_n78 | 1 | 0.6 |
| 3 | 0.8 |
| 19 | 0.3 |
| 21 | 0.9 |
| n78 | 0.8 |
| DC\_1-3-19-21\_n79 | 1 | 0.3 |
| 3 | 0.8 |
| 19 | 0.3 |
| 21 | 0.9 |
| DC\_1-3-19-42\_n77 | 1 | 0.6 |
| 3 | 0.6 |
| 19 | 0.3 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-3-19-42\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 19 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-3-19-42\_n79 | 1 | 0.6 |
| 3 | 0.6 |
| 19 | 0.3 |
| 42 | 0.8 |
| DC\_1-3-20\_n28-n78 | 1 | 0.6 |
| 3 | 0.6 |
| 20 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_1-3-21-42\_n77 | 1 | 0.6 |
| 3 | 0.8 |
| 21 | 0.9 |
| 42 | 0.8 |
| n77 | 0.6 |
| DC\_1-3-21-42\_n78 | 1 | 0.6 |
| 3 | 0.8 |
| 21 | 0.9 |
| 42 | 0.8 |
| n78 | 0.6 |
| DC\_1-3-21-42\_n79 | 1 | 0.6 |
| 3 | 0.8 |
| 21 | 0.9 |
| 42 | 0.8 |
| n79 | 0 |
| DC\_1-3-28-42\_n77 | 1 | 0.6 |
| 3 | 0.6 |
| 28 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-3-28-42\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 28 | 0.6 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-3-28-42\_n79 | 1 | 0.6 |
| 3 | 0.6 |
| 28 | 0.6 |
| 42 | 0.8 |
| DC\_1-7-20\_n28-n78 | 1 | 0.6 |
| 7 | 0.7 |
| 20 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_1-19-21-42\_n77 | 1 | 0.3 |
| 19 | 0.3 |
| 21 | 0.4 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-19-21-42\_n78 | 1 | 0.3 |
| 19 | 0.3 |
| 21 | 0.4 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-19-21-42\_n79 | 1 | 0.3 |
| 19 | 0.3 |
| 21 | 0.4 |
| 42 | 0.8 |
| DC\_1-21-28-42\_n77 | 1 | 0.6 |
| 21 | 0.4 |
| 28 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-21-28-42\_n78 | 1 | 0.3 |
| 21 | 0.4 |
| 28 | 0.6 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-21-28-42\_n79 | 1 | 0.3 |
| 21 | 0.4 |
| 28 | 0.6 |
| 42 | 0.8 |
| DC\_3-7-20\_n28-n78 | 3 | 0.6 |
| 7 | 0.6 |
| 20 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |

###### 6.2B.4.2.3.5 ΔTIB,c for EN-DC six bands

Table 6.2B.4.2.3.5-1: ΔTIB,c due to EN-DC (six bands)

|  |  |  |
| --- | --- | --- |
| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔTIB,c (dB) |
| DC\_1-3-7-20\_n28-n78 | 1 | 0.7 |
| 3 | 0.7 |
| 7 | 0.7 |
| 20 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |

*<Unchanged sections are omitted>*

### 7.3B.2 Reference sensitivity for EN-DC

#### 7.3B.2.1 Intra-band contiguous EN-DC

*<Unchanged sections are omitted>*

##### 7.3B.2.3.5 Reference sensitivity exceptions for intermodulation interference due to dual uplink operation for EN-DC in NR FR1

For EN-DC configurations in NR FR1 the UE may indicate capability of not supporting simultaneous dual uplink operation due to possible intermodulation interference overlapping in frequency to its own primary downlink channel bandwidth if

- the intermodulation order is 2;

- the intermodulation order is 3 when both operating bands are between 450 MHz – 960 MHz or between 1427 MHz – 2690 MHz

In case for the EN-DC in NR FR1 configurations the intermodulation products caused by dual uplink operation do not interfere with the own primary downlink channel bandwidth as defined in Annex-I the UE is mandated to operate in dual and triple uplink mode.

For EN-DC in NR FR1 with uplink and downlink assigned to E-UTRA and NR FR1 bands given in Table 7.3B.2.3.5.1-1, Table 7.3B.2.3.5.2-1 and Table 7.3B.2.3.5.3-1 the reference sensitivity is defined only for the specific uplink and downlink test points specified in Table 7.3B.2.3.5.1-1, Table 7.3B.2.3.5.2-1 and Table 7.3B.2.3.5.3-1. For these test points the reference sensitivity levels specified in clause 7.3.1 in [4] and 7.3.2.1 of [2] for the corresponding channel bandwidths or in clause 7.3.1 of [4] are relaxed by the amount of the parameter MSD given in Table 7.3B.2.3.5.1-1, Table 7.3B.2.3.5.2-1 and Table 7.3B.2.3.5.3-1.

The throughput on each of the CGs shall be ≥ 95% of the maximum throughput of the respective reference measurement channels as specified in … with parameters specified in Table 7.3B.2.3.5-1 with dual UL transmissions overlapping in time unless otherwise stated.

###### 7.3B.2.3.5.1 Reference sensitivity exceptions for intermodulation interference due to dual uplink operation for EN-DC in NR FR1 involving two bands

Table 7.3B.2.3.5.1-1: Reference sensitivity exceptions for PCell due to dual uplink operation for EN-DC in NR FR1 (two bands)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NR or E-UTRA Band / Channel bandwidth / NRB / MSD | | | | | | | | |
| EN-DC  Configuration | EUTRA or NR band | UL Fc  (MHz) | UL/DL BW  (MHz) | UL  LCRB | DL Fc (MHz) | MSD  (dB) | Duplex mode | IMD order |
| DC\_1A\_n77A | 1 | 1950 | 5 | 25 | 2140 | 29.8 | FDD | IMD23 |
| 32.54 |
| n77 | 4090 | 10 | 50 | 4090 | N/A | TDD | N/A |
| DC\_1A\_n77A, DC\_1A\_n78A,  DC\_1A\_SUL\_n78A-n84A | 1 | 1950 | 5 | 25 | 2140 | 8.0 | FDD | IMD43 |
| 10.74 |
| n77 | 3710 | 10 | 50 | 3710 | N/A | TDD | N/A |
| DC\_2A\_n66A | 2 | 1855 | 5 | 25 | 1935 | 20 | FDD | IMD3 |
| n66 | 1775 | 5 | 25 | 2175 | N/A | FDD | N/A |
| DC\_2A\_n66A | 2 | 1883.3 | 5 | 25 | 1963.3 | N/A | FDD | N/A |
| n66 | 1750 | 5 | 25 | 2150 | 4 | FDD | IMD5 |
| DC\_2A\_n78A | 2 | 1855 | 5 | 25 | 1940 | 26 | FDD | IMD23 |
| 28.74 |
| n78 | 3795 | 10 | 50 | 3795 | N/A | TDD | N/A |
| DC\_2A\_n78A | 2 | 1885 | 5 | 25 | 1955 | 8.0 | FDD | IMD43 |
| 10.74 |
| n78 | 3700 | 10 | 50 | 3700 | N/A | TDD | N/A |
| DC\_3A\_n7A | 3 | 1730 | 5 | 25 | 1825 | N/A | FDD | N/A |
| n7 | 2535 | 10 | 50 | 2655 | 10.2 | FDD | IMD4 |
| DC\_3A\_n77A,  DC\_3A\_n78A,  DC\_3A-SUL\_n78A-n80A,  DC\_3C\_n78A | 3 | 1740 | 5 | 25 | 1835 | 26 | FDD | IMD23 |
| 28.74 |
| n77, n78 | 3575 | 10 | 50 | 3575 | N/A | TDD | N/A |
| DC\_3A\_n77A,  DC\_3A\_n78A, DC\_3A-SUL\_n78A-n80A,  DC\_3C\_n78A | 3 | 1765 | 5 | 25 | 1860 | 8.0 | FDD | IMD43 |
| 10.74 |
| n77, n78 | 3435 | 10 | 50 | 3435 | N/A | TDD | N/A |
| DC\_5A\_n66A | 5 | 838 | 5 | 25 | 883 | 30 | FDD | IMD23 |
| n66 | 1721 | 5 | 25 | 2121 | N/A | N/A |
| DC\_5A\_n78A | 5 | 844 | 5 | 25 | 889 | 8.3 | FDD | IMD4 |
| n78 | 3421 | 10 | 50 | 3421 | N/A | TDD | N/A |
| DC\_8A\_n77A,  DC\_8A\_n78A, DC\_8A-SUL\_n78A-n81A | 8 | 897.5 | 5 | 25 | 942.5 | 8.3 | FDD | IMD4 |
| n77, n78 | 3635 | 10 | 50 | 3635 | N/A | TDD | N/A |
| DC\_8A\_n79A, DC\_8A-SUL\_n79A-n81A | 8 | 897.5 | 5 | 25 | 942.5 | 4.8 | FDD | IMD5 |
| n79 | 4532.5 | 40 | 216 | 4532.5 | N/A | TDD | N/A |
| DC\_20A\_n8A | 20 | 849.5 | 5 | 25 | 808.5 | 21 | FDD | IMD3 |
| n8 | 892.5 | 5 | 25 | 937.5 | 21 | FDD | IMD3 |
| DC\_20A\_n77A,  DC\_20A\_n78A,  DC\_20A-SUL\_n78A-n82A | 20 | 850 | 5 | 25 | 809 | 11 | FDD | IMD4 |
| n77 | 3359 | 10 | 50 | 3359 | N/A | TDD | N/A |
| DC\_20A\_n77A | 20 | 840 | 5 | 25 | 799 | 6.5 | FDD | IMD5 |
| n77 | 4159 | 10 | 50 | 4159 | N/A | TDD | N/A |
| DC\_21A\_n79A | 21 | 1457.5 | 5 | 25 | 1505.5 | 18.4 | FDD | IMD3 |
| n79 | 4420.5 | 40 | 216 | 4420.5 | N/A | TDD | N/A |
| DC\_26A\_n41A | 26 | 839 | 5 | 25 | 884 | 15.6 | FDD | IMD33 |
| n41 | 2562 | 10 | 50 | 2562 | N/A | TDD | N/A |
| DC\_28A\_n51A | 28 | 742.3 | 5 | 25 | 797.3 | 5 | FDD | IMD4 |
| n51 | 1429.5 | 5 | 25 | 1429.5 | N/A | TDD | N/A |
| DC\_26A\_n77A,  DC\_26A\_n78A | 26 | 836.5 | 5 | 25 | 881.5 | 11.1 | FDD | IMD4 |
| n77, n78 | 3391 | 10 | 50 | 3391 | N/A | TDD | N/A |
| CA\_28A\_n77A,  CA\_28A\_n78A, DC\_28A-SUL\_n78A-n83A | 28 | 705.5 | 5 | 25 | 760.5 | 5.5 | FDD | IMD5 |
| n77, n78 | 3582.5 | 10 | 50 | 3582.5 | N/A | TDD | N/A |
| DC\_66A\_n5A | n5 | 838 | 5 | 25 | 883 | 30 | FDD | IMD23 |
| 66 | 1721 | 5 | 25 | 2121 | N/A | FDD | N/A |
| DC\_66A\_n71A | 66 | 1750 | 5 | 25 | 2150 | 5 | FDD | IMD4 |
| n71 | 675 | 5 | 25 | 629 | N/A | FDD | N/A |
| NOTE 1: Both of the transmitters shall be set min(+20 dBm, PCMAX\_L,c) as defined in subclause 6.2.5A.  NOTE 2: RBSTART = 0  NOTE 3: This band is subject to IMD5 also which MSD is not specified.  NOTE 4: Applicable only if operation with 4 antenna ports is supported in the band with carrier aggregation configured.  NOTE 5: Void | | | | | | | | |

###### 7.3B.2.3.5.2 Reference sensitivity exceptions for intermodulation interference due to dual uplink operation for EN-DC in NR FR1 involving three bands

Table 7.3B.2.3.5.2-0: Reference sensitivity exceptions for Pcell due to dual uplink operation for EN-DC in NR FR1 (three bands)

| EN-DC Configuration | EUTRA/NR band | UL Fc  (MHz) | UL/DL BW  (MHz) | UL  LCRB | DL Fc (MHz) | MSD  (dB) | Duplex mode | IMD order |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| DC\_66A\_(n)71AA | 66 | 1750 | 5 | 25 | 2150 | 5 | FDD | IMD4 |
| n71 | 678 | 10 | 10 (RBstart =0) | 632 | N/A | N/A |

Table 7.3B.2.3.5.2-1: Reference sensitivity exceptions for Scell due to dual uplink operation for EN-DC in NR FR1 (three bands)

| **EN-DC Configuration** | **EUTRA/NR band** | **UL Fc  (MHz)** | **UL/DL BW  (MHz)** | **UL**  **LCRB** | **DL Fc (MHz)** | **MSD  (dB)** | **Duplex mode** | **IMD order** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| DC\_1A-3A\_n28A | 1 | 1975 | 5 | 25 | 2165 | N/A | FDD | N/A |
| n28 | 710.5 | 5 | 25 | 765.5 | N/A | FDD | N/A |
| 3 | 1723.5 | 5 | 25 | 1818.5 | 4.0 | FDD | IMD5 |
| DC\_1A-3A\_n28A | 3 | 1780 | 5 | 25 | 1875 | N/A | FDD | N/A |
| n28 | 710.5 | 5 | 25 | 765.5 | N/A | FDD | N/A |
| 1 | 1949 | 5 | 25 | 2139 | 11.0 | FDD | IMD4 |
| DC\_1A-7A\_n28A | 1 | 1935 | 5 | 25 | 2125 | N/A | FDD | N/A |
| n28 | 718 | 5 | 25 | 773 | N/A | FDD | N/A |
| 7 | 2533 | 10 | 50 | 2653 | 30.0 | FDD | IMD2 |
| DC\_1A-3A\_n77A | 1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
| 3 | 1712.5 | 5 | 25 | 1807.5 | 31.5 | IMD2 |
| n77 | 3757.5 | 10 | 50 | 3757.5 | N/A | TDD | N/A |
| 1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
| 3 | 1775 | 5 | 25 | 1870 | 8.5 | IMD4 |
| n77 | 3980 | 10 | 50 | 3980 | N/A | TDD | N/A |
| 1 | 1950 | 5 | 25 | 2140 | 31.0 | FDD | IMD2 |
| 3 | 1775 | 5 | 25 | 1870 | N/A | N/A |
| n77 | 3915 | 10 | 50 | 3915 | N/A | TDD | N/A |
| DC\_1A-3A\_n78A  DC\_1A-3C\_n78A | 1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
| 3 | 1712.5 | 5 | 25 | 1807.5 | 31.2 | IMD2  |fn78-fB1| |
| n78 | 3757.5 | 10 | 50 | 3757.5 | N/A | TDD | N/A |
| 1 | 1935 | 5 | 25 | 2125 | 2.8 | FDD | IMD5  |2\*fn78-3\*fB3| |
| 3 | 1775 | 5 | 25 | 1870 | N/A | N/A |
| n78 | 3725 | 10 | 50 | 3725 | N/A | TDD | N/A |
| DC\_1A\_n3A-n78A | 1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
| n3 | 1750 | 5 | 25 | 1845 | N/A | FDD | N/A |
| n78 | 3700 | 10 | 50 | 3700 | 28.4 | TDD | IMD2  |fB1+fn3| |
| 1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
| n3 | 1735 | 5 | 25 | 1830 | 27.9 | FDD | IMD2  |fn78-fB1| |
| n78 | 3780 | 10 | 50 | 3780 | N/A | TDD | N/A |
| DC\_1A-5A\_n78A | 1 | 1932 | 5 | 25 | 2122 | 18.1 | FDD | IMD3  |fn78-2\*fB5| |
| 5 | 829 | 5 | 25 | 874 | N/A | FDD | N/A |
| n78 | 3780 | 10 | 50 | 3780 | N/A | TDD | N/A |
| 1 | 1975 | 5 | 25 | 2165 | N/A | FDD | N/A |
| 5 | 840 | 5 | 25 | 885 | 3.1 | FDD | IMD5  |2\*fn78-3\*fB1| |
| n78 | 3405 | 10 | 50 | 3405 | N/A | TDD | N/A |
| DC\_1A-7A\_n78A, DC\_1A-7C\_n78A | 1 | 1977.5 | 5 | 25 | 2167.5 | N/A | FDD | N/A |
| 7 | 2507.5 | 5 | 25 | 2627.5 | 9.1 | FDD | IMD4  |fn78-3\*fB1| |
| n78 | 3305 | 10 | 50 | 3305 | N/A | TDD | N/A |
| 1 | 1950 | 5 | 25 | 2140 | 8.7 | FDD | IMD4  |2\*fn78-2\*fB7| |
| 7 | 2510 | 10 | 50 | 2630 | N/A | FDD | N/A |
| n78 | 3310 | 10 | 50 | 3310 | N/A | TDD | N/A |
| DC\_1A\_n7A-n78A | 1 | 1977.5 | 5 | 25 | 2167.5 | N/A | FDD | N/A |
| n7 | 2507.5 | 5 | 25 | 2627.5 | 9.1 | FDD | IMD4  |fn78 -3\*fB1| |
| n78 | 3305 | 10 | 50 | 3305 | N/A | TDD | N/A |
| 1 | 1970 | 5 | 25 | 2160 | N/A | FDD | N/A |
| n7 | 2520 | 5 | 25 | 2640 | N/A | FDD | N/A |
| n78 | 3390 | 10 | 52 | 3390 | 10.1 | TDD | IMD4  |fn7 -3\*fB1| |
| DC\_1A-3A\_n79A | 1 | 1950 | 5 | 25 | 2140 | 3.6 | FDD | IMD5 |
| 3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
| n79 | 4860 | 40 | 216 | 4860 | N/A | TDD | N/A |
| DC\_1A-18A\_n77A | 1 | 1930 | 5 | 25 | 2120 | 16.4 | FDD | IMD3 |
| 18 | 825 | 5 | 25 | 870 | N/A |  | N/A |
| n77 | 3770 | 10 | 50 | 3770 | N/A | TDD | N/A |
| DC\_1A-18A\_n78A | 1 | 1930 | 5 | 25 | 2120 | 16.4 | FDD | IMD3 |
| 18 | 819 | 5 | 25 | 864 | N/A |  | N/A |
| n78 | 3758 | 10 | 50 | 3758 | N/A | TDD | N/A |
| DC\_1A-18A\_n79A | 1 | 1935 | 5 | 25 | 2125 | N/A | FDD | N/A |
| 18 | 822.5 | 5 | 25 | 867.5 | 18.3 | FDD | IMD3 |
| n79 | 4782.5 | 40 | 216 | 4782.5 | N/A | TDD | N/A |
| 1 | 1930 | 5 | 25 | 2120 | N/A | FDD | N/A |
| 18 | 820 | 5 | 25 | 865 | 8.9 | FDD | IMD4 |
| n79 | 4925 | 40 | 216 | 4925 | N/A | TDD | N/A |
| 1 | 1935 | 5 | 25 | 2125 | 8.1 | FDD | IMD4 |
| 18 | 822.5 | 5 | 25 | 867.5 | N/A | FDD | N/A |
| n79 | 4782.5 | 40 | 216 | 4782.5 | N/A | TDD | N/A |
| DC\_1A-19A\_n77A  DC\_1A-19A\_n78A | 1 | 1940 | 5 | 25 | 2130 | 17.8 | FDD | IMD3 |
| 19 | 832.5 | 5 | 25 | 877.5 | N/A | N/A |
| n77, n78 | 3795 | 10 | 50 | 3795 | N/A | TDD | N/A |
| DC\_1A-19A\_n79A | 1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
| 19 | 837.5 | 5 | 25 | 882.5 | 18.3 | IMD3 |
| n79 | 4782.5 | 40 | 216 | 4782.5 | N/A | TDD | N/A |
| 1 | 1950 | 5 | 25 | 2140 | 8.1 | FDD | IMD4 |
| 19 | 837.5 | 5 | 25 | 882.5 | N/A | N/A |
| n79 | 4652.5 | 40 | 216 | 4652.5 | N/A | TDD | N/A |
| DC\_1A-20A\_n78A | 1 | 1930 | 5 | 25 | 2120 | 20.3 | FDD | IMD3 |
| 20 | 835 | 5 | 25 | 794 | N/A | FDD | N/A |
| n78 | 3790 | 10 | 50 | 3790 | N/A | TDD | N/A |
| DC\_1A-20A\_n78A | 1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
| 20 | 851 | 5 | 25 | 810 | 3.0 | FDD | IMD5 |
| n78 | 3330 | 10 | 50 | 3330 | N/A | TDD | N/A |
| DC\_1A-21A\_n77A  DC\_1A-21A\_n78A | 1 | 1964.6 | 5 | 25 | 2154.6 | 30.6 | FDD | IMD2 |
| 21 | 1450.4 | 5 | 25 | 1498.4 | N/A | N/A |
| n77, n78 | 3605 | 10 | 50 | 3605 | N/A | TDD | N/A |
| 1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
| 21 | 1452 | 5 | 25 | 1500 | 2.9 | IMD5 |
| n77, n78 | 3675 | 10 | 50 | 3675 | N/A | TDD | N/A |
| DC\_1A-28A\_n77A | 1 | 1960 | 5 | 25 | 2150 | 15.8 | FDD | IMD3 |
| 28 | 740 | 5 | 25 | 795 | N/A |  | N/A |
| n77 | 3630 | 10 | 50 | 3630 | N/A | TDD | N/A |
| DC\_1A-28A\_n77A | 1 | 1960 | 5 | 25 | 2150 | N/A | FDD | N/A |
| 28 | 725 | 5 | 25 | 780 | 4.3 |  | IMD5 |
| n77 | 3330 | 10 | 50 | 3330 | N/A | TDD | N/A |
| DC\_1A-28A\_n78A | 1 | 1960 | 5 | 25 | 2150 | 15.7 | FDD | IMD3 |
| 28 | 740 | 5 | 25 | 795 | N/A |  | N/A |
| n78 | 3630 | 10 | 50 | 3630 | N/A | TDD | N/A |
| DC\_1A-28A\_n78A | 1 | 1970 | 5 | 25 | 2160 | N/A | FDD | N/A |
| 28 | 739 | 5 | 25 | 794 | 4.2 |  | IMD5 |
| n78 | 3352 | 10 | 50 | 3352 | N/A | TDD | N/A |
| DC\_1A\_n28A-n78A | 1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
| n28 | 733 | 5 | 25 | 788 | N/A |  | N/A |
| n78 | 3416 | 10 | 50 | 3416 | 15.7 | TDD | IMD3 |
| 1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
| n78 | 3320 | 10 | 50 | 3320 | N/A | TDD | N/A |
| n28 | 735 | 5 | 25 | 790 | 3.3 | FDD | IMD5 |
| DC\_1A-28A\_n79A | 1 | 1930 | 5 | 25 | 2120 | N/A | FDD | N/A |
| 28 | 733 | 5 | 25 | 788 | 15.2 | FDD | IMD3 |
| n79 | 4648 | 40 | 216 | 4648 | N/A | TDD | N/A |
| 1 | 1925 | 5 | 25 | 2115 | N/A | FDD | N/A |
| 28 | 740 | 5 | 25 | 795 | 10.0 | FDD | IMD4 |
| n79 | 4980 | 40 | 216 | 4980 | N/A | TDD | N/A |
| 1 | 1977.5 | 5 | 25 | 2167.5 | 1.2 | FDD | IMD4 |
| 28 | 745.5 | 5 | 25 | 800.5 | N/A | FDD | N/A |
| n79 | 4420 | 40 | 216 | 4420 | N/A | TDD | N/A |
| 1 | 1935 | 5 | 25 | 2125 | 4.5 | FDD | IMD5 |
| 28 | 718 | 5 | 25 | 773 | N/A | FDD | N/A |
| n79 | 4807 | 40 | 216 | 4807 | N/A | TDD | N/A |
| DC\_1A\_n40A-n78A | 1 | 1930 | 5 | 25 | 2120 | N/A | FDD | N/A |
| n40 | 2340 | 5 | 25 | 2340 | N/A | TDD | N/A |
| n78 | 3450 | 10 | 50 | 3450 | 9.8 | TDD | IMD4 |3\*fB1-fn40| |
| 1 | 1960 | 5 | 25 | 2150 | N/A | FDD | N/A |
| n40 | 2360 | 5 | 25 | 2360 | 10.6 | TDD | IMD4 |3\*fB1 -fn78| |
| n78 | 3520 | 10 | 50 | 3520 | N/A | TDD | N/A |
| DC\_1A-41A\_n77A | 1 | 1970 | 5 | 25 | 2160 | N/A | FDD | N/A |
| n77 | 3400 | 10 | 50 | 3400 |  | TDD |
| 41 | 2510 | 5 | 25 | 2510 | 11.0 | TDD | IMD4 |
| 1 | 1930 | 5 | 25 | 2120 | N/A | FDD | N/A |
| n77 | 4150 | 10 | 50 | 4150 |  | TDD |
| 41 | 2510 | 5 | 25 | 2510 | 3.6 | TDD | IMD5 |
| DC\_1A-41A\_n78A | 1 | 1975 | 5 | 25 | 2165 | N/A | FDD | N/A |
| 41 |  | 5 | 25 | 2515 | 12 | TDD | IMD4 |
| n78 | 3410 | 10 | 50 | 3410 | N/A | TDD | N/A |
| DC\_1A-41A\_n79A | 1 | 1970 | 5 | 25 | 2160 | N/A | FDD | N/A |
| n79 | 4500 | 40 | 216 | 4500 |  | TDD |
| 41 | 2530 | 5 | 25 | 2530 | 29.4 | TDD | IMD2 |
| 1 | 1922.5 | 5 | 25 | 2112.5 | N/A | FDD | N/A |
| n79 | 4980 | 40 | 216 | 4980 |  | TDD |  |
| 41 | 2687.5 | 5 | 25 | 2687.5 | 0.0 | TDD | IMD5 |
| DC\_1A-42A\_n79A | 1 | 1977.5 | 5 | 25 | 2167.5 | N/A | FDD | N/A |
| n79 | 4420 | 40 | 216 | 4420 |  | TDD |  |
| 42 | 3490 | 5 | 25 | 3490 | 4.8 | TDD | IMD5 |
| 42 | 3402.5 | 5 | 25 | 3402.5 | N/A | TDD | N/A |
| n79 | 4640 | 40 | 216 | 4640 |  | TDD |  |
| 1 | 1975 | 5 | 25 | 2165 | 15.5 | FDD | IMD3 |
| 42 | 3450 | 5 | 25 | 3450 | N/A | TDD | N/A |
| n79 | 4520 | 40 | 216 | 4520 |  | TDD |  |
| 1 | 1950 | 5 | 25 | 2140 | 9.3 | FDD | IMD4 |
| DC\_1A\_n78A-n79A | 1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
| n78 | 3410 | 10 | 50 | 3410 | N/A | TDD | N/A |
| n79 | 4870 | 40 | 216 | 4870 | 15.9 | TDD | IMD3 |
| 1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
| n79 | 4670 | 40 | 216 | 4670 | N/A | TDD | N/A |
| n78 | 3490 | 10 | 50 | 3490 | 4.6 | TDD | IMD5 |
| DC\_3A\_n1A-n77A | 3 | 1750 | 5 | 25 | 1845 | N/A | FDD | N/A |
| n1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
| n77 | 3700 | 10 | 50 | 3700 | 28.4 | TDD | IMD2  |fB3+fn1| |
| 3 | 1775 | 5 | 25 | 1870 | N/A | FDD | N/A |
| n1 | 1950 | 5 | 25 | 2140 | 31.0 | FDD | IMD2  |fn77-fB3| |
| n77 | 3915 | 10 | 50 | 3915 | N/A | TDD | N/A |
| DC\_3A\_n1A-n78A | 3 | 1750 | 5 | 25 | 1845 | N/A | FDD | N/A |
| n1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
| n78 | 3700 | 10 | 50 | 3700 | 28.4 | TDD | IMD2  |fB3+fn1| |
| 3 | 1770 | 5 | 25 | 1865 | N/A | FDD | N/A |
| n1 | 1940 | 5 | 25 | 2130 | 3.5 | FDD | IMD5  |2\*fn78-3\*fB3| |
| n78 | 3720 | 10 | 50 | 3720 | N/A | TDD | N/A |
| DC\_3A\_n1A-n79A | 3 | 1720 | 5 | 25 | 1815 | N/A | FDD | N/A |
| n1 | 1930 | 5 | 25 | 2120 | N/A | FDD | N/A |
| n79 | 4950 | 40 | 216 | 4950 | 4.7 | TDD | IMD5  |4\*fB3-fn1| |
| 3 | 1750 | 5 | 25 | 1845 | N/A | FDD | N/A |
| n1 | 1950 | 40 | 216 | 2140 | 3.6 | FDD | IMD5  |4\*fB3 -fn79| |
| n79 | 4860 | 5 | 25 | 4860 | N/A | TDD | N/A |
| DC\_3A-7A\_n28A | 3 | 1712.5 | 5 | 25 | 1807.5 | N/A | FDD | N/A |
| n28 | 743 | 5 | 25 | 798 | N/A | FDD | N/A |
| 7 | 2562 | 10 | 50 | 2682 | 16.9 | FDD | IMD3 |
| 7 | 2543 | 10 | 50 | 2663 | N/A | FDD | N/A |
| n28 | 710.5 | 5 | 25 | 765.5 | N/A | FDD | N/A |
| 3 | 1737.5 | 5 | 25 | 1832.5 | 26.0 | FDD | IMD2 |
| DC\_3C-7C\_n78A, DC\_3A-3A-7A\_n78A  DC\_3A-3A-7A-7A\_n78A | 3 | 1725 | 5 | 25 | 1820 | 17.6 | FDD | IMD3  |fn78-2\*fB7| |
| 7 | 2565 | 5 | 25 | 2685 | N/A | FDD | N/A |
| n78 | 3310 | 10 | 50 | 3310 | N/A | TDD | N/A |
| 3 | 1725 | 5 | 25 | 1820 | 8.6 | FDD | IMD4  |2\*fn78-2\*fB7| |
| 7 | 2565 | 5 | 25 | 2685 | N/A | FDD | N/A |
| n78 | 3475 | 10 | 50 | 3475 | N/A | TDD | N/A |
| DC\_3A\_n7A-n78A  DC\_3C\_n7A-n78A | 3 | 1730 | 5 | 25 | 1825 | N/A | FDD | N/A |
| n7 | 2560 | 5 | 25 | 2680 | N/A | FDD | N/A |
| n78 | 3390 | 10 | 52 | 3390 | 16.1 | TDD | IMD3  |2\*fn7-fB3| |
| DC\_3A-20A\_n28A | 20 | 852 | 5 | 25 | 811 | N/A | FDD | N/A |
| n28 | 738 | 5 | 25 | 793 | N/A | FDD | N/A |
| 3 | 1723 | 5 | 25 | 1818 | 9.4 | FDD | IMD4 |
| DC\_3A\_n20A-n78A | 3 | 1730 | 5 | 25 | 1825 | N/A | FDD | N/A |
| n20 | 845 | 5 | 25 | 804 | N/A | FDD | N/A |
| n78 | 3420 | 10 | 52 | 3420 | 16.1 | TDD | IMD3  |fB3+2\*fn20| |
| DC\_3A-28A\_n77A | 3 | 1712.5 | 5 | 25 | 1807.5 | N/A | FDD | N/A |
| 28 | 715 | 5 | 25 | 770 | 15.3 | FDD | IMD3 |
| n77 | 4195 | 10 | 50 | 4195 | N/A | TDD | N/A |
| 3 | 1755 | 5 | 25 | 1850 | 17.0 | FDD | IMD3 |
| 28 | 735 | 5 | 25 | 790 | N/A | FDD | N/A |
| n77 | 3320 | 10 | 50 | 3320 | N/A | TDD | N/A |
| DC\_3A-28A\_n78A | 3 | 1775 | 5 | 25 | 1870 | 17.3 | FDD | IMD3 |
| 28 | 740 | 5 | 25 | 760 | N/A |  | N/A |
| n78 | 3350 | 10 | 25 | 3350 | N/A | TDD | N/A |
| DC\_3A-28A\_n79A | 3 | 1770 | 5 | 25 | 1865 | N/A | FDD | N/A |
| 28 | 725 | 5 | 25 | 780 | 10.3 | FDD | IMD4 |
| n79 | 4530 | 40 | 216 | 4530 | N/A | TDD | N/A |
| 3 | 1775 | 5 | 25 | 1870 | 5.7 | FDD | IMD5 |
| 28 | 725 | 5 | 25 | 780 | N/A | FDD | N/A |
| n79 | 4770 | 40 | 216 | 4770 | N/A | TDD | N/A |
| DC\_3A\_n28A-n78A, DC\_3C\_n28A-n78A | 3 | 1750 | 5 | 25 | 1845 | N/A | FDD | N/A |
| n28 | 743 | 5 | 25 | 798 | N/A |  | N/A |
| n78 | 3764 | 10 | 50 | 3764 | 4.5 | TDD | IMD5 |3\*fB3 -2\*fn28| |
| DC\_3A\_n40A-n78A | 3 | 1730 | 5 | 25 | 1825 | N/A | FDD | N/A |
| n40 | 2360 | 5 | 25 | 2360 | N/A | TDD | N/A |
| n78 | 3620 | 10 | 50 | 3620 | 4.8 | TDD | IMD5 |2\*fB3-3\*fn40 |
| 3 | 1720 | 5 | 25 | 1815 | N/A | FDD | N/A |
| n40 | 2360 | 5 | 25 | 2360 | 4.4 | TDD | IMD5 |3\*fB3 -2\*fn78| |
| n78 | 3760 | 10 | 50 | 3760 | N/A | TDD | N/A |
| DC\_3A\_n78A-n79A | 3 | 1770 | 5 | 25 | 1865 | N/A | FDD | N/A |
| n78 | 3340 | 10 | 50 | 3340 | N/A | TDD | N/A |
| n79 | 4910 | 40 | 216 | 4910 | 16.3 | TDD | IMD3 |
| 3 | 1770 | 5 | 25 | 1865 | N/A | FDD | N/A |
| n79 | 4510 | 40 | 216 | 4510 | N/A | TDD | N/A |
| n78 | 3710 | 10 | 50 | 3710 | 4.2 | TDD | IMD5 |
| DC\_3A-SUL\_n78A-n82A | 3 | 1775 | 5 | 25 | 1870 | 4 | FDD | IMD4 |
| n82 | 840 | 5 | 25 |  | N/A | SUL | N/A |
| DC\_3A-7A\_n78A  DC\_3C-7A\_n78A | 3 | 1725 | 5 | 25 | 1820 | 17.6 | FDD | IMD3  |fn78-2\*fB7| |
| 7 | 2565 | 5 | 25 | 2685 | N/A | FDD | N/A |
| n78 | 3310 | 10 | 50 | 3310 | N/A | TDD | N/A |
| DC\_3A-7A\_n78A  DC\_3C-7A\_n78A | 3 | 1725 | 5 | 25 | 1820 | 8.6 | FDD | IMD4  |2\*fn78-2\*fB7| |
| 7 | 2565 | 5 | 25 | 2685 | N/A | FDD | N/A |
| n78 | 3475 | 10 | 50 | 3475 | N/A | TDD | N/A |
| DC\_3A-19A\_n79A | 3 | 1782.5 | 5 | 25 | 1877.5 | 0.2 | FDD | IMD4 |
| 19 | 842.5 | 5 | 25 | 887.5 | N/A | N/A |
| n79 | 4420 | 40 | 216 | 4420 | N/A | TDD | N/A |
| DC\_3A-20A\_n78A  DC\_3C-20A\_n78A | 3 | 1725 | 5 | 25 | 1820 | 17.3 | FDD | IMD3  |fn78-2\*fB20| |
| 20 | 845 | 5 | 25 | 804 | N/A | FDD | N/A |
| n78 | 3510 | 10 | 50 | 3510 | N/A | TDD | N/A |
| DC\_3A-21A\_n77A  DC\_3A-21A\_n78A | 3 | 1767.5 | 5 | 25 | 1862.5 | N/A | FDD | N/A |
| 21 | 1459.5 | 5 | 25 | 1507.5 | 8.8 | IMD4 |
| n77, n78 | 3795 | 10 | 50 | 3795 | N/A | TDD | N/A |
| DC\_3A-21A\_n77A | 3 | 1771.6 | 5 | 25 | 1866.6 | 3.4 | FDD | IMD5 |
| 21 | 1450.4 | 5 | 25 | 1498.4 | N/A | N/A |
| n77 | 3935 | 10 | 50 | 3935 | N/A | TDD | N/A |
| DC\_3A-21A\_n79A | 3 | 1774.2 | 5 | 25 | 1869.2 | 17.8 | FDD | IMD3 |
| 21 | 1450.4 | 5 | 25 | 1498.4 | N/A | N/A |
| n79 | 4770 | 40 | 216 | 4770 | N/A | TDD | N/A |
| DC\_5A-7A\_n78A | 5 | 844 | 5 | 25 | 889 | N/A | FDD | N/A |
| 7 | 2525 | 5 | 25 | 2645 | 30.1 | FDD | IMD2  |fn78-fb5| |
| n78 | 3489 | 10 | 50 | 3489 | N/A | TDD | N/A |
| 5 | 834 | 5 | 25 | 879 | 30.2 | FDD | IMD2  |fn78-fB7| |
| 7 | 2550 | 5 | 25 | 2670 | N/A | FDD | N/A |
| n78 | 3429 | 10 | 50 | 3429 | N/A | TDD | N/A |
| 5 | 830 | 5 | 25 | 875 | 3.3 | FDD | IMD5  |2\*fn78-3fB7| |
| 7 | 2525 | 5 | 25 | 2645 | N/A | FDD | N/A |
| n78 | 3350 | 10 | 50 | 3350 | N/A | TDD | N/A |
| DC\_5A\_41A\_n78A | 5 | 860 | 5 | 25 | 885 | 30.2 | FDD | IMD2 |
| 41 | 2615 | 5 | 25 | 2615 | N/A | TDD | N/A |
| n78 | 3500 | 10 | 50 | 3500 | N/A | TDD | N/A |
| 5 | 856.5 | 5 | 25 | 881.5 | 3.1 | FDD | IMD5 |
| 41 | 2620.5 | 5 | 25 | 2620.5 | N/A | TDD | N/A |
| n78 | 3490 | 10 | 50 | 3490 | N/A | TDD | N/A |
| DC\_7A-20A\_n28A | 20 | 852 | 5 | 25 | 811 | N/A | FDD | N/A |
| n28 | 738 | 5 | 25 | 793 | N/A | FDD | N/A |
| 7 | 2550 | 10 | 50 | 2670 | 5.9 | FDD | IMD5 |
| DC\_7A-20A\_n78A | 7 | 2560 | 5 | 25 | 2680 | N/A | FDD | N/A |
| 20 | 851 | 5 | 25 | 810 | 30.5 | FDD | IMD2  |fn78-fB7| |
| n78 | 3370 | 10 | 50 | 3370 | N/A | TDD | N/A |
| DC\_7A-20A\_n78A | 7 | 2560 | 5 | 25 | 2680 | N/A | FDD | N/A |
| 20 | 851 | 5 | 25 | 810 | 3.0 | FDD | IMD5  |2\*fn78-3\*fB7| |
| n78 | 3435 | 10 | 50 | 3435 | N/A | TDD | N/A |
| DC\_7A-20A\_n78A | 7 | 2555 | 5 | 25 | 2675 | 30.8 | FDD | IMD2  |fn78-fB20| |
| 20 | 845 | 5 | 25 | 804 | N/A | FDD | N/A |
| n78 | 3520 | 10 | 50 | 3520 | N/A | TDD | N/A |
| DC\_7A-28A\_n78A | 7 | 2570 | 5 | 25 | 2670 | N/A | FDD | N/A |
| 28 | 720 | 5 | 25 | 780 | 8.3 |  | IMD2 |
| n78 | 3350 | 10 | 50 | 3421 | N/A | TDD | N/A |
| 7 | 2570 | 5 | 25 | 2670 | N/A | FDD | N/A |
| 28 | 720 | 5 | 25 | 790 | 3.0 |  | IMD5 |
| n78 | 3460 | 10 | 50 | 3421 | N/A | TDD | N/A |
| 7 | 2570 | 5 | 25 | 2650 | 30.5 | FDD | IMD2 |
| 28 | 740 | 5 | 25 | 768 | N/A |  | N/A |
| n78 | 3390 | 10 | 50 | 3421 | N/A | TDD | N/A |
| DC\_7A\_n28A-n78A, DC\_7C\_n28A-n78A | 7 | 2565 | 5 | 25 | 2685 | N/A | FDD | N/A |
| n28 | 745 | 5 | 25 | 800 | N/A |  | N/A |
| n78 | 3310 | 10 | 50 | 3310 | 29.7 | TDD | IMD2  |fB7 +fn28| |
| 7 | 2565 | 5 | 25 | 2685 | N/A | FDD | N/A |
| n78 | 3365 | 10 | 50 | 3365 | N/A | TDD | N/A |
| n28 | 745 | 5 | 25 | 800 | 28.8 | FDD | IMD2  |fn78 -fB7| |
| DC\_7A-46A\_n78A6 | 7 | N/A | N/A | N/A | N/A | N/A | FDD | N/A |
| 46 | N/A | N/A | N/A | N/A | N/A | TDD | IMD2, IMD5 |
| n78 | N/A | N/A | N/A | N/A | N/A | TDD | N/A |
| DC\_18A-28A\_n77A | 18 | 820 | 5 | 25 | 865 | N/A | FDD | N/A |
| 28 | 723 | 5 | 25 | 778 | 4.4 |  | IMD5 |
| n77 | 4058 | 10 | 50 | 4058 | N/A | TDD | N/A |
| DC\_18A-28A\_n77A | 18 | 820 | 5 | 25 | 865 | 3.9 | FDD | IMD5 |
| 28 | 723 | 5 | 25 | 778 | N/A |  | N/A |
| n77 | 3757 | 10 | 50 | 3757 | N/A | TDD | N/A |
| DC\_18A-28A\_n78A | 18 | 819 | 5 | 25 | 864 | 3.8 | FDD | IMD5 |
| 28 | 723 | 5 | 25 | 778 | N/A |  | N/A |
| n78 | 3756 | 10 | 50 | 3756 | N/A | TDD | N/A |
| DC\_19A-21A\_n77A  DC\_19A-21A\_n78A | 19 | 837.5 | 5 | 25 | 882.5 | 18.7 | FDD | IMD3 |
| 21 | 1450.4 | 5 | 25 | 1498.4 | N/A | N/A |
| n77, n78 | 3783.3 | 10 | 50 | 3783.3 | N/A | TDD | N/A |
| DC\_19A-21A\_n77A | 19 | 837.5 | 5 | 25 | 882.5 | N/A | FDD | N/A |
| 21 | 1454.5 | 5 | 25 | 1502.5 | 9.0 | IMD4 |
| n77 | 4015 | 10 | 50 | 4015 | N/A | TDD | N/A |
| DC\_19A-21A\_n79A | 19 | 837.5 | 5 | 25 | 882.2 | N/A | FDD | N/A |
| 21 | 1452 | 5 | 25 | 1500 | 3.8 | IMD5 |
| n79 | 4850 | 40 | 216 | 4850 | N/A | TDD | N/A |
| DC\_21A-28A\_n77A | 21 | 1452 | 5 | 25 | 1500 | N/A | FDD | N/A |
| 28 | 730.5 | 5 | 25 | 785.5 | 16.9 | FDD | IMD3 |
| n77 | 3689.5 | 10 | 50 | 3689.5 | N/A | TDD | N/A |
| 21 | 1450.5 | 5 | 25 | 1498.5 | 9.9 | FDD | IMD4 |
| 28 | 730.5 | 5 | 25 | 785.5 | N/A | FDD | N/A |
| n77 | 3690 | 10 | 50 | 3690 | N/A | TDD | N/A |
| DC\_21A-28A\_n79A | 21 | 1450 | 5 | 25 | 1498 | 5.2 | FDD | IMD5 |
| 28 | 730.5 | 5 | 25 | 785.5 | N/A | TDD | N/A |
| n79 | 4420 | 40 | 216 | 4420 | N/A | TDD | N/A |
| DC\_28A-42A\_79A | 28 | 730 | 5 | 25 | 785 | N/A | FDD | N/A |
| 42 | 3420 | 5 | 25 | 3420 | 15.3 | TDD | IMD3 |
| n79 | 4880 | 40 | 216 | 4880 | N/A | TDD | N/A |
| 28 | 745 | 5 | 25 | 800 | 16.2 | FDD | IMD2 |
| 42 | 3597.5 | 5 | 25 | 3597.5 | N/A | TDD | N/A |
| n79 | 4420 | 40 | 216 | 4420 | N/A | TDD | N/A |
| DC\_19A\_n78A-n79A | 19 | 835 | 5 | 25 | 880 | N/A | FDD | N/A |
| n78 | 3680 | 10 | 50 | 3680 | N/A | TDD | N/A |
| n79 | 4515 | 40 | 216 | 4515 | 29.3 | TDD | IMD2 |
| 19 | 835 | 5 | 25 | 880 | N/A | FDD | N/A |
| n79 | 4550 | 40 | 216 | 4550 | N/A | TDD | N/A |
| n78 | 3715 | 10 | 50 | 3715 | 28.8 | TDD | IMD2 |
| DC\_20A\_n28A-n78A, DC\_20A\_SUL\_n78A-n83A | 20 | 857 | 5 | 25 | 816 | N/A | FDD | N/A |
| n28, n83 | 743 | 5 | 25 | 798 | N/A | FDD, SUL | N/A |
| n78 | 3314 | 10 | 50 | 3314 | 8.7 | TDD | IMD4 |
| 20 | 837 | 5 | 25 | 796 | N/A | FDD | N/A |
| n78 | 3310 | 10 | 50 | 3310 | N/A | TDD | N/A |
| n28 | 744 | 5 | 25 | 799 | 9.4 | FDD | IMD4 |
| DC\_21A\_n78A-n79A | 21 | 1453 | 5 | 25 | 1501 | N/A | FDD | N/A |
| n78 | 3420 | 10 | 50 | 3420 | N/A | TDD | N/A |
| n79 | 4873 | 40 | 216 | 4873 | 30.1 | TDD | IMD2 |
| 21 | 1453 | 5 | 25 | 1501 | N/A | FDD | N/A |
| n79 | 4940 | 40 | 216 | 4940 | N/A | TDD | N/A |
| n78 | 3487 | 10 | 50 | 3487 | 29.8 | TDD | IMD2 |
| DC\_28A\_n8A-n78A | 28 | 728 | 5 | 25 | 783 | N/A | FDD | N/A |
| n8 | 910 | 5 | 25 | 955 | N/A | FDD | N/A |
| n78 | 3458 | 10 | 52 | 3458 | 9.1 | TDD | IMD4  |3\*fn8 +fB28| |
| 28 | 713 | 5 | 25 | 768 | N/A | FDD | N/A |
| n8 | 890 | 5 | 25 | 935 | 4.3 | FDD | IMD5  |fn78 -4\*fB28| |
| n78 | 3787 | 10 | 52 | 3787 | N/A | TDD | N/A |

*<Unchanged sections are omitted>*

### 7.3B.3 ΔRIB,c, ΔRIBNC for EN-DC

<Editor’s note: Table number to be updated>

For the UE which supports inter-band EN-DC configuration, the minimum requirement for reference sensitivity in Table 7.3.1-1 and Table 7.3.1-1a in [4], subclause 7.3.2, 7.3A.2, 7.3C.2 in [2] and subclause 7.3.2, 7.3A.2in [3] shall be increased by the amount given in ΔRIB,c,ΔRIBNC in Tables below where unless otherwise stated, the same ΔRIB,c, ΔRIBNC are applicable to NR band(s) part for DC configurations which have the same NR operating band combination. Unless otherwise stated, ΔRIB,c or ΔRIBNC is set to zero.

In case the UE supports more than one of band combinations for CA, SUL or DC, and an operating band belongs to more than one band combinations then

- When the operating band frequency range is ≤ 1 GHz, the applicable additional ΔRIB,c shall be the average value for all band combinations defined in subclause 7.3A, 7.3B, 7.3C in this specification and 7.3A, 7.3B in TS 38.101-3 [3], truncated to one decimal place that apply for that operating band among the supported band combinations. In case there is a harmonic relation between low band UL and high band DL, then the maximum ΔRIB,c among the different supported band combinations involving such band shall be applied

- When the operating band frequency range is > 1 GHz, the applicable additional ΔRIB,c shall be the maximum value for all band combinations defined in subclause 7.3A, 7.3B, 7.3C in this specification and 7.3A, 7.3B in TS 38.101-3 [3] for the applicable operating bands.

#### 7.3B.3.1 Intra-band contiguous EN-DC

#### 7.3B.3.2 Intra-band non-contiguous EN-DC

Table 7.3B.3.2-1: Intra-band non-contiguous EN-DC with one uplink configuration for reference sensitivity

| DC configuration | Aggregated channel bandwidth (LTE+NR) | Wgap / (MHz) | UL LTE allocation | ΔRIBNC (dB) | Duplex mode |
| --- | --- | --- | --- | --- | --- |
| DC\_3A\_n3A | 5MHz+5MHz | 45.0 < Wgap ≤ 65.0 | 121 | 4.7 | FDD |
| 0.0 < Wgap ≤ 45.0 | 251 | 0 |
| 5MHz+10MHz | 40.0 < Wgap ≤ 60.0 | 121 | 3.8 |
| 0.0 < Wgap ≤ 40.0 | 251 | 0 |
| 5MHz+15MHz | 35.0 < Wgap ≤ 55.0 | 121 | 3.6 |
| 0.0 < Wgap ≤ 35.0 | 251 | 0 |
| 5MHz+20MHz | 30.0 < Wgap ≤ 50.0 | 121 | 3.4 |
| 0.0 < Wgap ≤ 30.0 | 251 | 0 |
| 5MHz+25MHz | 25.0 < Wgap ≤ 45.0 | 121 | 3.2 |
| 0.0 < Wgap ≤ 25.0 | 251 | 0 |
| 5MHz+30MHz | 20.0 < Wgap ≤ 40.0 | 121 | 3.0 |
| 0.0 < Wgap ≤ 20.0 | 251 | 0 |
| 10MHz+5MHz | 30.0 < Wgap ≤ 60.0 | 125 | 5.1 |
| 0.0 < Wgap ≤ 30.0 | 321 | 0 |
| 10MHz+10MHz | 25.0 < Wgap ≤ 55.0 | 125 | 4.3 |
| 0.0 < Wgap ≤ 25.0 | 321 | 0 |
| 10MHz+15MHz | 20.0 < Wgap ≤ 50.0 | 125 | 3.8 |
| 0.0 < Wgap ≤ 20.0 | 321 | 0 |
| 10MHz+20MHz | 15.0 < Wgap ≤ 45.0 | 125 | 3.5 |
| 0.0 < Wgap ≤ 15.0 | 321 | 0 |
| 10MHz+25MHz | 10.0 < Wgap ≤ 40.0 | 125 | 3.2 |
| 0.0 < Wgap ≤ 10.0 | 321 | 0 |
| 10MHz+30MHz | 5.0 < Wgap ≤ 35.0 | 125 | 2.8 |
| 0.0 < Wgap ≤ 5.0 | 321 | 0 |
| 15MHz+5MHz | 25.0 < Wgap ≤ 55.0 | 126 | 6.0 |
| 0.0 < Wgap ≤ 25.0 | 321 | 0 |
| 15MHz+10MHz | 20.0 < Wgap ≤ 50.0 | 126 | 4.7 |
| 0.0 < Wgap ≤ 20.0 | 321 | 0 |
| 15MHz+15MHz | 15.0 < Wgap ≤ 45.0 | 126 | 4.2 |
| 0.0 < Wgap ≤ 15.0 | 321 | 0 |
| 15MHz+20MHz | 10.0 < Wgap ≤ 40.0 | 126 | 3.8 |
| 0.0 < Wgap ≤ 10.0 | 321 | 0 |
| 15MHz+25MHz | 5.0 < Wgap ≤ 35.0 | 126 | 3.5 |
| 0.0 < Wgap ≤ 5.0 | 321 | 0 |
| 15MHz+30MHz | 0.0 < Wgap ≤ 30.0 | 126 | 3.3 |
| 20MHz+5MHz | 15.0 < Wgap ≤ 50.0 | 167 | 6.5 |
| 0.0 < Wgap ≤ 15.0 | 321 | 0 |
| 20MHz+10MHz | 10.0 < Wgap ≤ 45.0 | 167 | 5.1 |
| 0.0 < Wgap ≤ 10.0 | 321 | 0 |
| 20MHz+15MHz | 5.0 < Wgap ≤ 40.0 | 167 | 4.5 |
| 0.0 < Wgap ≤ 5.0 | 321 | 0 |
| 20MHz+20MHz | 0.0 < Wgap ≤ 35.0 | 167 | 4.1 |
| 20MHz+25MHz | 0.0 < Wgap ≤ 30.0 | 167 | 3.8 |
| 20MHz+30MHz | 0.0 < Wgap ≤ 25.0 | 167 | 3.6 |
| NOTE 1: 1 refers to the UL resource blocks shall be located as close as possible to the downlink operating band but confined within the transmission.  NOTE 2: Wgap is the sub-block gap between the two sub-blocks.  NOTE 3: The carrier center frequency of PCC in the UL operating band is configured closer to the DL operating band.  NOTE 4: All combinations of channel bandwidths defined in Table 5.3B.1.3-1.  NOTE 5: 5 refers to the UL resource blocks shall be located at RBstart=25.  NOTE 6: 6 refers to the UL resource blocks shall be located at RBstart=35.  NOTE 7: 7 refers to the UL resource blocks shall be located at RBstart=50. | | | | | |

#### 7.3B.3.3 Inter-band EN-DC within FR1

##### 7.3B.3.3.1 ΔRIB,c for EN-DC in two bands

Table 7.3B.3.3.1-1: ΔRIB,c due to EN-DC(two bands)

|  |  |  |
| --- | --- | --- |
| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔRIB,c (dB) |
| DC\_1\_n28 | n28 | 0.2 |
| DC\_1\_n51 | n51 | 0.1 |
| DC\_1\_n77 | 1 | 0.2 |
| n77 | 0.5 |
| DC\_1\_n78 | n78 | 0.5 |
| DC\_2\_n66 | 2 | 0.3 |
| n66 | 0.3 |
| DC\_2\_n78 | 2 | 0.2 |
| n78 | 0.5 |
| DC\_3\_n51 | 3 | 0.2 |
| n51 | 0.2 |
| DC\_3\_n77 | 3 | 0.2 |
| n77 | 0.5 |
| DC\_3\_n78 | 3 | 0.2 |
| n78 | 0.5 |
| DC\_5\_n78 | 5 | 0.2 |
| n78 | 0.5 |
| DC\_7\_n51 | n51 | 0.2 |
| DC\_7\_n77 | n77 | 0.5 |
| DC\_7\_n78 | n78 | 0.5 |
| DC\_8\_n77 | 8 | 0.2 |
| n77 | 0.5 |
| DC\_8\_n78 | 8 | 0.2 |
| n78 | 0.5 |
| DC\_11\_n77 | n77 | 0.5 |
| DC\_11\_n78 | n78 | 0.5 |
| DC\_12A\_n5A | 12 | 0.3 |
| n5 | 0.5 |
| DC\_12A\_n66A | 12 | 0.5 |
| DC\_18\_n77 | n77 | 0.5 |
| DC\_19\_n77 | n77 | 0.5 |
| DC\_19\_n78 | n78 | 0.5 |
| DC\_20\_n51 | n51 | 0.2 |
| DC\_20\_n77 | n77 | 0.5 |
| DC\_20\_n78 | n78 | 0.5 |
| DC\_21\_n77 | n77 | 0.5 |
| DC\_21\_n78 | n78 | 0.5 |
| DC\_25\_n41 | n41 | 01 |
| 0.52 |
| DC\_26A\_n77A | n77 | 0.5 |
| DC\_26\_n78 | n78 | 0.5 |
| DC\_28A\_n51 | n51 | 0.2 |
| DC\_28\_n77 | 28 | 0.2 |
| n77 | 0.5 |
| DC\_28\_n78 | 28 | 0.2 |
| n78 | 0.5 |
| DC\_30\_n66 | 30 | 0.5 |
| n66 | 0.4 |
| DC\_38\_n78 | 38 | 0.4 |
| n78 | 0.5 |
| DC\_39\_n78 | n78 | 0.5 |
| DC\_39\_n79 | n79 | 0.5 |
| DC\_40\_n77 | 40 | 0.4 |
| n77 | 0.5 |
| DC\_41\_n77 | n77 | 0.5 |
| DC\_41\_n78 | n78 | 0.5 |
| DC\_41\_n79 | n79 | 0.5 |
| DC\_42\_n51 | n51 | 0.2 |
| DC\_66A\_n78A | 66 | 0.2 |
| n78 | 0.5 |
| NOTE 1: The requirement is applied for UE transmitting on the frequency range of 2545-2690MHz.  NOTE 2: The requirement is applied for UE transmitting on the frequency range of 2496-2545MHz. | | |

##### 7.3B.3.3.2 ΔRIB,c for EN-DC three bands

Table 7.3B.3.3.2-1: ΔRIB,c due to EN-DC (three bands)

| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔRIB,c (dB) |
| --- | --- | --- |
| DC\_1-3\_n28 | n28 | 0.2 |
| DC\_1-3\_n77 | 1 | 0.2 |
| 3 | 0.2 |
| n77 | 0.5 |
| DC\_1-3\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| n78 | 0.5 |
| DC\_1-5\_n78 | 1 | 0.2 |
| 5 | 0.2 |
| n78 | 0.5 |
| DC\_1-7\_n28 | n28 | 0.2 |
| DC\_1-7\_n78  DC\_1-7-7\_n78 | 1 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_1\_n7-n78 | 1 | 0.2 |
| n7 | 0.2 |
| n78 | 0.5 |
| DC\_1-8\_n78 | 8 | 0.2 |
| n78 | 0.5 |
| DC\_1-18\_n77 | n77 | 0.5 |
| DC\_1-18\_n78 | n78 | 0.5 |
| DC\_1-19\_n77 | n77 | 0.5 |
| DC\_1-19\_n78 | n78 | 0.5 |
| DC\_1-19\_n79 | 1 | 0.3 |
| 19 | 0.3 |
| DC\_1-20\_n28 | 1 | 0.0 |
| 20 | 0.2 |
| n28 | 0.2 |
| DC\_1-20\_n78 | n78 | 0.5 |
| DC\_1-21\_n77 | n77 | 0.5 |
| DC\_1-21\_n78 | 1 | 0.2 |
| n78 | 0.5 |
| DC\_1-28\_n77 | 28 | 0.2 |
| n77 | 0.5 |
| DC\_1-28\_n78 | 28 | 0.2 |
| n78 | 0.5 |
| DC\_1\_n28-n78 | 1 | 0 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_1\_n28-n79 | 1 | 0.3 |
| 28 | 0.3 |
| DC\_1\_n40-n78 | n78 | 0.5 |
| DC\_1-42\_n77 | 1 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-41\_n77 | n77 | 0.5 |
| DC\_1-41\_n78 | n78 | 0.5 |
| DC\_1-42\_n78 | 1 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-42\_n79 | 42 | 0.5 |
| DC\_1\_n77-n79 | 1 | 0.2 |
| n77 | 0.5 |
| n79 | 0.0 |
| DC\_1\_n78-n79 | 1 | 0.0 |
| n78 | 0.5 |
| n79 | 0.0 |
| DC\_1-SUL\_n78-n84 | n78 | 0.5 |
| DC\_2\_5\_n66 | 2 | 0.3 |
| n66 | 0.3 |
| DC\_2\_30\_n66 | 2 | 0.4 |
| 30 | 0.5 |
| n66 | 0.4 |
| DC\_2-66\_n71B | 2 | 0.3 |
| 66 | 0.3 |
| DC\_3\_n1-n77 | 3 | 0.2 |
| n1 | 0.2 |
| n77 | 0.5 |
| DC\_3\_n1-n78 | 3 | 0.2 |
| n1 | 0.2 |
| n78 | 0.5 |
| DC\_3\_n3-n77 | 3 | 0.2 |
| n3 | 0.2 |
| n77 | 0.5 |
| DC\_3\_n3-n78 | 3 | 0.2 |
| n3 | 0.2 |
| n78 | 0.5 |
| DC\_3-5\_n78 | 3 | 0.2 |
| 5 | 0.2 |
| n78 | 0.5 |
| DC\_3-7\_n78, DC\_3-7-7\_n78 | 3 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_3\_n7-n78 | 3 | 0.2 |
| n7 | 0.2 |
| n78 | 0.5 |
| DC\_3-8\_n78 | 3 | 0.2 |
| 8 | 0.2 |
| n78 | 0.5 |
| DC\_3-19\_n77 | 3 | 0.2 |
| n77 | 0.5 |
| DC\_3-19\_n78 | 3 | 0.2 |
| n78 | 0.5 |
| DC\_3-20\_n28 | 20 | 0.1 |
| n28 | 0.1 |
| DC\_3-19\_n79 |  |  |
|  |  |
|  |  |
| DC\_3-20\_n78 | 3 | 0.2 |
| n78 | 0.5 |
| DC\_3\_n20-n78 | 3 | 0.2 |
| n78 | 0.5 |
| DC\_3-21\_n77 | 3 | 0.3 |
| 21 | 0.5 |
| n77 | 0.5 |
| DC\_3-21\_n78 | 3 | 0.3 |
| 21 | 0.5 |
| n78 | 0.5 |
| DC\_3-21\_n79 | 3 | 0.3 |
| 21 | 0.5 |
| DC\_3-28\_n78 | 3 | 0.2 |
| n78 | 0.5 |
| DC\_3\_n28-n78 | 3 | 0.2 |
| n28 | 0 |
| n78 | 0.5 |
| DC\_3-38\_n78 | 3 | 0.2 |
| 38 | 0.4 |
| n78 | 0.5 |
| DC\_3\_n40-n78 | 3 | 0.2 |
| n78 | 0.5 |
| DC\_3-41\_n78 | 3 | 0.2 |
| 41 | 01 |
| 0.52 |
| n78 | 0.5 |
| DC\_3-42\_n77 | 3 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_3-42\_n78 | 3 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_3-42\_n79 | 3 | 0.2 |
| 42 | 0.5 |
| DC\_3\_n77-n79 | 3 | 0.2 |
| n77 | 0.5 |
| n79 | 0.0 |
| DC\_3\_n78-n79 | 3 | 0.2 |
| n78 | 0.5 |
| n79 | 0.0 |
| DC\_3-SUL\_n78-n80 | 3 | 0.2 |
| n78 | 0.5 |
|  |  |
| DC\_3-SUL\_n78-n82 | 3 | 0.2 |
| n78 | 0.5 |
| DC\_5-7\_n78 | 5 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_5\_30\_n66 | 30 | 0.5 |
| n66 | 0.4 |
| DC\_7-7\_n78 | 7 | 0.0 |
| n78 | 0.5 |
| DC\_7-20\_n28 | 20 | 0.2 |
| n28 | 0.2 |
| DC\_7-20\_n78 | n78 | 0.5 |
| DC\_7-28\_n78 | n78 | 0.5 |
| DC\_7\_n28-n78 | n78 | 0.5 |
| DC\_7-46\_n78 | n78 | 0.5 |
| DC\_8A-SUL\_n78-n81 | 8 | 0.2 |
| n78 | 0.2 |
|  |  |
| DC\_18-28\_n77 | n77 | 0.5 |
| DC\_18-28\_n78 | n78 | 0.5 |
| DC\_19-21\_n77 | n77 | 0.5 |
| DC\_19-21\_n78 | n78 | 0.5 |
| DC\_19-42\_n77 | 42 | 0.5 |
| n77 | 0.5 |
| DC\_19-42\_n78 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_19-42\_n79 | 42 | 0.5 |
| DC\_19\_n77-n79 | 19 | 0.0 |
| n77 | 0.5 |
| n79 | 0.0 |
| DC\_19\_n78-n79 | 19 | 0.0 |
| n78 | 0.5 |
| n79 | 0.0 |
| DC\_20\_n8-n75 | 20 | 0.0 |
| n8 | 0.0 |
| n75 | 0.0 |
| DC\_20\_n28-n75 | 20 | 0.0 |
| n28 | 0.2 |
| n75 | 0.0 |
| DC\_20\_n28-n78 | 20 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_20\_n75-n78 | 20 | 0.0 |
| n75 | 0.0 |
| n78 | 0.5 |
| DC\_20\_n76-n78 | 20 | 0.0 |
| n76 | 0.0 |
| n78 | 0.5 |
| DC\_20-SUL\_n78-n82 | n78 | 0.5 |
| DC\_20-SUL\_n78-n83 | 20 | 0.2 |
| n78 | 0.5 |
|  |  |
| DC\_21-42\_n77 | 42 | 0.5 |
| n77 | 0.5 |
| DC\_21-42\_n78 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_21-42\_n79 | 42 | 0.5 |
| DC\_21\_n77-n79 | 21 | 0.0 |
| n77 | 0.5 |
| n79 | 0.0 |
| DC\_21\_n78-n79 | 21 | 0.0 |
| n78 | 0.5 |
| n79 | 0.0 |
| DC\_28-SUL\_n78-n83 | 28 | 0.2 |
| n78 | 0.5 |
|  |  |
| DC\_28\_n8-n258 | 28 | 0.1 |
| n8 | 0.2 |
| DC\_28-42\_n77 | 28 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_28-42\_n78 | 28 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_28-42\_n79 | 28 | 0.2 |
| 42 | 0.5 |
| DC\_41-42\_n77 | 42 | 0.5 |
| n77 | 0.5 |
| DC\_41-42\_n78 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_41-42\_n79 | 42 | 0.5 |
| DC\_41\_n77 | n77 | 0.5 |
| DC\_41\_n78 | n78 | 0.5 |
| DC\_41\_n79 | n79 | 0.5 |
| DC\_66-SUL\_n78-n86 | 66 | 0.2 |
| n78 | 0.5 |
|  |  |
| NOTE 1: The requirement is applied for UE transmitting on the frequency range of 2545-2690MHz.  NOTE 2: The requirement is applied for UE transmitting on the frequency range of 2496-2545MHz. | | |

##### 7.3B.3.3.3 ΔRIB,c for EN-DC four bands

Table 7.3B.3.3.3-1: ΔRIB,c due to EN-DC (four bands)

| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔRIB,c (dB) |
| --- | --- | --- |
| DC\_1-3-5\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-7\_n28 | n28 | 0.2 |
| DC\_1-3-7\_n78  DC\_1-3-7-7\_n78  DC\_1-3\_n7-n78 | 1 | 0.3 |
| 3 | 0.3 |
| 7 or n7 | 0.3 |
| n78 | 0.5 |
| DC\_1-3-8\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| 8 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-28\_n77 | 1 | 0.2 |
| 3 | 0.2 |
| 28 | 0.2 |
| n77 | 0.5 |
| DC\_1-3-28\_n78  DC\_1-3\_n28-n78 | 1 | 0.2 |
| 3 | 0.2 |
| 28 or n28 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-28\_n79 | 1 | 0.2 |
| 3 | 0.2 |
| 28 | 0.2 |
| DC\_1-3-19\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-20\_n28 | 20 | 0.2 |
| n28 | 0.2 |
| DC\_1-3-20\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-21\_n77 | 1 | 0.2 |
| 3 | 0.3 |
| 21 | 0.5 |
| n77 | 0.5 |
| DC\_1-3-21\_n78 | 1 | 0.2 |
| 3 | 0.3 |
| 21 | 0.5 |
| n78 | 0.5 |
| DC\_1-3-21\_n79 | 3 | 0.3 |
| 21 | 0.5 |
| DC\_1-3-42\_n77 | 1 | 0.2 |
| 3 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-3-42\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-3-42\_n79 | 1 | 0.2 |
| 3 | 0.2 |
| 42 | 0.5 |
| DC\_1-5-7\_n78  DC\_1-5-7-7\_n78 | 1 | 0.2 |
| 5 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_1-7-20\_n28 | 20 | 0.2 |
| n28 | 0.2 |
| DC\_1-7-20\_n78 | 1 | 0.2 |
| 7 | 0.2 |
| 20 | 0.2 |
| n78 | 0.5 |
| DC\_1-7\_n28-n78 | 1 | 0.2 |
| 7 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_1-18-28\_n77 | n77 | 0.5 |
| DC\_1-18-28\_n78 | n78 | 0.5 |
| DC\_1-19-42\_n77 | 1 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-19-42\_n78 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-19-42\_n79 | 42 | 0.5 |
| DC\_1-20\_n28-n78 | 1 | 0.0 |
| 20 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_1-21-42\_n77 | 1 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-21-42\_n78 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-21-42\_n79 | 42 | 0.5 |
| DC\_1-28-42\_n77 | 1 | 0.2 |
| 28 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-28-42\_n78 | 28 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-28-42\_n79 | 28 | 0.2 |
| 42 | 0.5 |
| DC\_1-41-42\_n77 | 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-41-42\_n78 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-41-42\_n79 | 42 | 0.5 |
| DC\_1-41-42\_n79 | 42 | 0.5 |
| DC\_2-66-(n)71 | 2 | 0.3 |
| 66 | 0.3 |
| DC\_3-5-7\_n78, DC\_3-5-7-7\_n78 | 3 | 0.2 |
| 5 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_3-7-7\_n78 | 3 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_3-7-20\_n28 | 20 | 0.2 |
| n28 | 0.1 |
| DC\_3-7-20\_n78 | 3 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_3-7-28\_n78  DC\_3-7\_n28-n78 | 3 | 0.2 |
| 7 | 0.2 |
| 28 or n28 | 0.2 |
| n78 | 0.5 |
| DC\_3-19-21\_n77 | 3 | 0.3 |
| 21 | 0.5 |
| n77 | 0.5 |
| DC\_3-19-21\_n78 | 3 | 0.3 |
| 21 | 0.5 |
| n78 | 0.5 |
| DC\_3-19-21\_n79 | 3 | 0.3 |
| 21 | 0.5 |
| DC\_3-19-42\_n77 | 3 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_3-19-42\_n78 | 0.2 | 0.2 |
| 0.5 | 0.5 |
| 0.5 | 0.5 |
| DC\_3-19-42\_n79 | 3 | 0.2 |
| 42 | 0.5 |
| DC\_3-20\_n28-n78 | 3 | 0.2 |
| 20 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_3-21-42\_n77 | 3 | 0.3 |
| 21 | 0.5 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_3-21-42\_n78 | 3 | 0.3 |
| 21 | 0.5 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_3-21-42\_n79 | 3 | 0.3 |
| 21 | 0.5 |
| 42 | 0.5 |
| DC\_3-28-42\_n77 | 3 | 0.2 |
| 28 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_3-28-42\_n78 | 3 | 0.2 |
| 28 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_3-28-42\_n79 | 3 | 0.2 |
| 28 | 0.2 |
| 42 | 0.5 |
| DC\_5-7-7\_n78 | 5 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_7-20\_n28-n78 | 7 | 0.0 |
| 20 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_19-21-42\_n77 | 42 | 0.5 |
| n77 | 0.5 |
| DC\_19-21-42\_n78 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_19-21-42\_n79 | 42 | 0.5 |
| DC\_21-28-42\_n77 | 28 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_21-28-42\_n78 | 28 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_21-28-42\_n79 | 28 | 0.2 |
| 42 | 0.5 |

##### 7.3B.3.3.4 ΔRIB,c for EN-DC five bands

Table 7.3B.3.3.4-1: ΔRIB,c due to EN-DC (five bands)

| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔRIB,c (dB) |
| --- | --- | --- |
| DC\_1-3-5-7\_n78,  DC\_1-3-5-7-7\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| 5 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-7-20\_n28 | 20 | 0.2 |
| n28 | 0.2 |
| DC\_1-3-7-20\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-7\_n28-n78 | 1 | 0.2 |
| 3 | 0.2 |
| 7 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-19-21\_n77 | 1 | 0.2 |
| 3 | 0.3 |
| 21 | 0.5 |
| n77 | 0.5 |
| DC\_1-3-19-21\_n78 | 1 | 0.2 |
| 3 | 0.3 |
| 21 | 0.5 |
| n78 | 0.5 |
| DC\_1-3-19-21\_n79 | 3 | 0.3 |
| 21 | 0.5 |
| DC\_1-3-19-42\_n77 | 1 | 0.2 |
| 3 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-3-19-42\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-3-19-42\_n79 | 1 | 0.2 |
| 3 | 0.2 |
| 42 | 0.5 |
| DC\_1-3-28-42\_n77 | 1 | 0.2 |
| 3 | 0.2 |
| 28 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-3-28-42\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| 28 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-3-28-42\_n79 | 1 | 0.2 |
| 3 | 0.2 |
| 28 | 0.2 |
| 42 | 0.5 |
| DC\_1-3-20\_n28-n78 | 1 | 0.2 |
| 3 | 0.2 |
| 20 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-21-42\_n77 | 1 | 0.2 |
| 3 | 0.3 |
| 21 | 0.5 |
| 42 | 0.5 |
| n77 | 0.2 |
| DC\_1-3-21-42\_n78 | 1 | 0.2 |
| 3 | 0.3 |
| 21 | 0.5 |
| 42 | 0.5 |
| n78 | 0.2 |
| DC\_1-3-21-42\_n79 | 1 | 0.2 |
| 3 | 0.3 |
| 21 | 0.5 |
| 42 | 0.5 |
| DC\_1-7-20\_n28-n78 | 1 | 0.2 |
| 7 | 0.2 |
| 20 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_1-19-21-42\_n77 | 1 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-19-21-42\_n78 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-19-21-42\_n79 | 42 | 0.5 |
| DC\_1-21-28-42\_n77 | 1 | 0.2 |
| 28 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-21-28-42\_n78 | 28 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-21-28-42\_n79 | 28 | 0.2 |
| 42 | 0.5 |
| DC\_3-7-20\_n28-n78 | 3 | 0.2 |
| 7 | 0.2 |
| 20 | 0.2 |
| n28 | 0.2 |

##### 7.3B.3.3.5 ΔRIB,c for EN-DC six bands

Table 7.3B.3.3.5-1: ΔRIB,c due to EN-DC (six bands)

|  |  |  |
| --- | --- | --- |
| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔRIB,c (dB) |
| DC\_1-3-7-20\_n28-n78 | 1 | 0.2 |
| 3 | 0.2 |
| 7 | 0.2 |
| 20 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |

*<End of Changes>*