**3GPP TSG-RAN4 Meeting #94-eR4-2001066**

**Online, 24th Feb. – 06th March, 2020**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-3** | **CR** | **0196** | **rev** | **-** | **Current version:** | **16.2.1** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME | **x** | Radio Access Network |  | Core Network |  |

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|  | | | | | | | | | | |
| ***Title:*** | Introducing CR on new EN-DC LTE (x bands DL/1UL)+NR(2 bands DL/1UL) band combinations in rel-16 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | LG Electronics | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | DC\_R16\_xBLTE\_2BNR\_yDL2UL-Core | | | | |  | ***Date:*** | | | 2020-03-02 |
|  |  | | | |  | |  | | |  |
| ***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:*** | | EN-DC combinations with x bands (x=1,2,3,4) LTE bands and 2 NR bands are added in TS38.101-3 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | This CR is introduce new EN-DC bands combinations for LTE (x bands DL/1UL)+NR(2 bands DL/1UL) band combinations.  1. LTE(1DL/1UL) + NR (2DL/1UL) EN-DC combinations   * DC\_2\_n66-n78 * DC\_7\_n66-n78 * DC\_7-7\_n66-n78 * DC\_66\_n66-n78 * DC\_1\_n8-n78 * DC\_28\_n7-n78 * DC\_2\_n7-n78 * DC\_2\_n41-n66 * DC\_2\_n66-n71 * DC\_66\_n25-n71 * DC\_11\_n77-n257 * DC\_28\_n77-n257 * DC\_42\_n77-n257 * DC\_42\_n79-n257 * DC\_2\_n12-n258 * DC\_2\_n12-n260 * DC\_2\_n12-n261 * DC\_2\_n71-n261 * DC\_66\_n12-n258 * DC\_66\_n12-n260 * DC\_66\_n12-n261 * DL\_19\_n77-n257 * DL\_21\_n77-n257 * DL\_19\_n78-n257 * DL\_21\_n78-n257 * DL\_1\_n79-n257 * DL\_3\_n79-n257 * DL\_19\_n79-n257 * DL\_21\_n79-n257 * DC\_1\_n77(2A)-n257 * DC\_3\_n77(2A)-n257 * DC\_8\_n77(2A)-n257 * DC\_2\_n41(2A)-n71 * DC\_2\_n41-n71 * DC\_66\_n25-n41(2A) * DC\_66\_n25-n41 * DC\_66\_n41(2A)-n71 * DC\_66\_n41-n71 * DC\_1\_n7B-n78 * DC\_3\_n7B-n78 * DC\_3\_n7B-n78   2. LTE(2DL/1UL) + NR (2DL/1UL) EN-DC combinations   * DC\_2-7\_n66-n78 * DC\_2-7-7\_n66-n78 * DC\_7-66\_n66-n78 * DC\_7-7-66\_n66-n78 * DC\_2-66\_n66-n78 * DC\_2-46\_n41-n66 * DC\_1-20\_n3-n78 * DC\_7-20\_n3-n78 * DC\_3-3-8\_n1-n78 * DC\_7-7-8\_n1-n78 * DC\_3-28\_n7-n78 * DC\_1-28\_n7-n78 * DC\_7-28\_n3-n78 * DC\_1-20\_n3-n38 * DC\_2-46\_n41-n71 * DC\_46-66\_n25-n41 * DC\_46-66\_n41-n71 * DC\_1-19\_n77-n257 * DC\_1-19\_n78-n257 * DC\_1-19\_n79-n257 * DC\_1-21\_n77-n257 * DC\_1-21\_n78-n257 * DC\_1-21\_n79-n257 * DC\_1-3\_n79-n257 * DC\_1-42\_n77-n257 * DC\_1-42\_n79-n257 * DC\_19-21\_n77-n257 * DC\_19-21\_n78-n257 * DC\_19-21\_n79-n257 * DC\_19-42\_n77-n257 * DC\_19-42\_n78-n257 * DC\_19-42\_n79-n257 * DC\_21-42\_n77-n257 * DC\_21-42\_n78-n257 * DC\_21-42\_n79-n257 * DC\_3-19\_n77-n257 * DC\_3-19\_n78-n257 * DC\_3-19\_n79-n257 * DC\_3-21\_n77-n257 * DC\_3-21\_n78-n257 * DC\_3-21\_n79-n257 * DC\_3-42\_n77-n257 * DC\_3-42\_n78-n257 * DC\_3-42\_n79-n257 * DC\_2-66\_n71-n261 * DL\_1-42\_n78-n257 * DL\_1-42\_n78-n257 * DC\_3-41\_n78-n257 * DC\_3-42\_n78-n257 * DC\_41-42\_n78-n257 * DC\_18-42\_n78-n257 * DC\_28-41\_n78-n257 * DC\_28-42\_n78-n257 * DC\_1-8\_n77(2A)-n257 * DC\_2-6\_n41(2A)-n71 * DC\_2-66\_n41-n71 * DC\_1-3\_n7B-n78   3. LTE(3DL/1UL) + NR (2DL/1UL) EN-DC combinations   * DC\_2-7-66\_n66-n78 * DC\_2-7-7-66\_n66-n78 * DC\_3-3-7-8\_n1-n78 * DC\_3-7-7-8\_n1-n78 * DC\_3-3-7-7-8\_n1-n78 * DC\_1-20-38\_n3-n78 * DC\_1-3-28\_n7-n78 * DC\_2-46-44\_n41-n71 * DC\_1-3-21\_n77-n257 * DC\_1-19-42\_n77-n257 * DC\_1-21-42\_n77-n257 * DC\_19-21-42\_n77-n257 * DC\_1-3-21\_n78-n257 * DC\_1-19-42\_n78-n257 * DC\_1-21-42\_n78-n257 * DC\_19-21-42\_n78-n257 * DC\_1-3-21\_n79-n257 * DC\_1-19-42\_n79-n257 * DC\_1-21-42\_n79-n257 * DC\_19-21-42\_n79-n257 * DC\_1-3-41\_n78-n257 * DC\_1-3-42\_n78-n257 * DC\_1-18-42\_n78-n257 * DC\_1-28-42\_n78-n257 * DC\_3-18-42\_n78-n257 * DC\_3-28-41\_n78-n257 * DC\_3-28-42\_n78-n257 * DC\_1-41-42\_n78-n257 * DC\_3-41-42\_n78-n257 * DC\_28-41-42\_n78-n257 * DC\_1-3-41\_n78-n257 * DC\_1-3-42\_n78-n257 * DC\_1-41-42\_n78-n257 * DC\_3-41-42\_n78-n257 * DC\_1-18-42\_n78-n257 * DC\_3-18-42\_n78-n257 * DC\_3-28-41\_n78-n257 * DC\_3-28-42\_n78-n257 * DC\_28-41-42\_n78-n257 * DC\_1-28-42\_n78-n257   4. LTE(4DL/1UL) + NR (2DL/1UL) EN-DC combinations   * DC\_3-20\_n28-n78 * DC\_1-3-41-42\_n78-n257 * DC\_1-3-18-42\_n78-n257 * DC\_3-28-41-42\_n78-n257 * DC\_1-3-28-42\_n78-n257   For the EN-DC band combinations with self-interference problem, MSD test configuration and MSD levels are introduced in 7.3B.2.3.5 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Completed DC configurations are not specified. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5B.4.2, 5.5B.4.3, 5.5B.4.4, 5.5B.6.2, 5.5B.6.3, 5.5B.6.4, 6.2B.4.2.3.2, 7.3B.2.3.5 and 7.3B.3.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  |  | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **x** |  | Test specifications | | | | 38.521-3 | | |
| ***(show related CRs)*** | |  |  | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

## *<< Start of changes >>*

## 5.5B Configuration for DC

### 5.5B.1 General

The operating bands and bandwidth classes are specified for operation with EN-DC, NGEN-DC, NE-DC or NR-DC configured. The EN-DC, NGEN-DC or NE-DC band combinations include at least one E-UTRA operating band.

For EN-DC or NE-DC configurations indicated by column "Single Uplink allowed" (e.g., problematic band combinations as defined in TS 38.306 [11]) in tables in this clause the UE may indicate capability of not supporting simultaneous dual and triple uplink operation due to possible intermodulation interference to its own primary downlink channel bandwidth of PCell or PSCell if the intermodulation order is 2 or if the intermodulation order is 3 for the combinations when both operating bands are between 450 MHz – 960 MHz or between 1427 MHz – 2690 MHz.

In the case for EN-DC or NE-DC configurations listed in tables in this clause for which the intermodulation products caused by the dual and triple uplink operation fall into the receive band but do not interfere with its own primary downlink channel bandwidth of PCell or PSCell as defined in Annex I the UE is mandated to operate in dual and triple uplink mode. Single Uplink is also allowed for certain band combinations where intermodulation or reverse intermodulation products could create difficulty for meeting emission requirementsFor EN-DC combinations of order 3 or higher, "Single Uplink allowed" UL configurations captured in Table 5.5B.2-1, Table 5.5B.3-1, and Table 5.5B.4-1 apply.

If multiple UL DC configurations are listed for multiple DL DC configurations, valid uplink configurations are such that uplink does not have more carriers than downlink.

The configurations for operating bands for DC including Band n41 also apply for the corresponding operating bands for DC with Band n90 replacing Band n41 but with otherwise identical parameters. For brevity the said configuration for operating bands for DC with Band n90 are not listed in the tables below but are covered by this specification.

Non contiguous resource allocation and almost contiguous allocation are not applicable for E UTRA or NR carrier part of intra band EN DC configuration.

### 5.5B.2 Intra-band contiguous EN-DC

Table 5.5B.2-1: Intra-band contiguous EN-DC configurations

|  |  |  |
| --- | --- | --- |
| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | Single UL allowed |
| DC\_(n)41AA5  DC\_(n)41CA5  DC\_(n)41DA5 | DC\_(n)41AA | Yes3 |
| DC\_(n)41CA5  DC\_(n)41DA5 | DC\_41A\_n41A | Yes3 |
| DC\_(n)71AA2 | DC\_(n)71AA | No4 |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Requirements in this specification apply for NR SCS of 15 kHz only.  NOTE 3: Single UL allowed due to potential emission issues, not self-interference.  NOTE 4: For UE(s) supporting dynamic power sharing it is mandatory to do dual simultaneous UL. For UE(s) not supporting dynamic power sharing single UL is allowed.  NOTE 5: The minimum requirements only apply for non-simultaneous Tx/Rx between all carriers. | | |

### 5.5B.3 Intra-band non-contiguous EN-DC

Table 5.5B.3-1: Intra-band non-contiguous EN-DC configurations

|  |  |  |
| --- | --- | --- |
| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | Single UL allowed |
| DC\_3A\_n3A | DC\_3A\_n3A2 | Yes2 |
| DC\_7A\_n7A6 | DC\_7A\_n7A5 | Yes5 |
| DC\_41A\_n41A3  DC\_41C\_n41A3  DC\_41D\_n41A3 | DC\_41A\_n41A | Yes4 |
| DC\_66A\_n66A | DC\_66A\_n66A5 | Yes5 |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Only single switched UL is supported in Rel.15  NOTE 3: The minimum requirements only apply for non-simultaneous Tx/Rx between all carriers.  NOTE 4: Single UL allowed due to potential emission issues, not self-interference.  NOTE 5: Only single switched UL is supported.  NOTE 6: Requirements in this specification apply for NR SCS of 15 kHz only. | | |

### 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) | Single UL allowed |
| --- | --- | --- |
| DC\_1A\_n3A  DC\_1C\_n3A | DC\_1A\_n3A  DC\_1C\_n3A | DC\_1\_n3 |
| DC\_1A\_n5A | DC\_1A\_n5A | No |
| DC\_1A\_n7A  DC\_1A\_n7B | DC\_1A\_n7A | No |
| DC\_1A-1A\_n7A  DC\_1A-1A\_n7B | DC\_1A\_n7A | No |
| DC\_1A\_n8A | DC\_1A\_n8A | No |
| DC\_1A\_n28A | DC\_1A\_n28A | No |
| DC\_1A\_n38A  DC\_1C\_n38A | DC\_1A\_n38A | No |
| DC\_1A\_n40A | DC\_1A\_n40A | No |
| DC\_1A\_n41A | DC\_1A\_n41A | No |
| DC\_1A\_n50A | DC\_1A\_n50A | No |
| DC\_1A\_n51A | DC\_1A\_n51A | No |
| DC\_1A\_n77A7  DC\_1A\_n77C7 | DC\_1A\_n77A | DC\_1\_n77 |
| DC\_1A\_n77(2A) | DC\_1A\_n77A | DC\_1\_n77 |
| DC\_1A\_n78A7  DC\_1A\_n78C7 | DC\_1A\_n78A | No |
| DC\_1A\_n78(2A)7 | DC\_1A\_n78A | No |
| DC\_1A\_n79A7  DC\_1A\_n79C7 | DC\_1A\_n79A | No |
| DC\_2A\_n5A | DC\_2A\_n5A | No |
| DC\_2A-2A\_n5A | DC\_2A\_n5A | No |
| DC\_2A\_n7A | DC\_2A\_n7A | No |
| DC\_2A\_n7(2A) | DC\_2A\_n7A | No |
| DC\_2A\_n38A | DC\_2A\_n38A | No |
| DC\_2A-2A\_n38A | DC\_2A\_n38A | No |
| DC\_2A\_n41A  DC\_2C\_n41A | DC\_2A\_n41A  DC\_2C\_n41A | No |
| DC\_2A-2A\_n41A | DC\_2A\_n41A | No |
| DC\_2A\_n48A | DC\_2A\_n48A | No |
| DC\_2A\_n66A | DC\_2A\_n66A | DC\_2\_n66 |
| DC\_2A-2A\_n66A | DC\_2A\_n66A | DC\_2\_n66 |
| DC\_2A\_n71A  DC\_2A\_n71B  DC\_2C\_n71A | DC\_2A\_n71A  DC\_2C\_n71A | No |
| DC\_2A-2A\_n71A | DC\_2A\_n71A | No |
| DC\_2A\_n78A | DC\_2A\_n78A | DC\_2\_n78 |
| DC\_2A\_n78(2A) | DC\_2A\_n78A | DC\_2\_n78 |
| DC\_2A-2A\_n78A | DC\_2A\_n78A | DC\_2\_n78 |
| DC\_3A\_n1A  DC\_3C\_n1A | DC\_3A\_n1A  DC\_3C\_n1A | DC\_3\_n1 |
| DC\_3A-3A\_n1A | DC\_3A\_n1A | DC\_3\_n1 |
| DC\_3A\_n5A  DC\_3C\_n5A | DC\_3A\_n5A  DC\_3C\_n5A | DC\_3\_n5 |
| DC\_3A\_n7A  DC\_3A\_n7B  DC\_3C\_n7A  DC\_3C\_n7B | DC\_3A\_n7A  DC\_3A\_n7B  DC\_3C\_n7A | No |
| DC\_3A-3A\_n7A  DC\_3A-3A\_n7B | DC\_3A\_n7A | No |
| DC\_3A\_n20A | DC\_3A\_n20A | No |
| DC\_3A\_n28A  DC\_3C\_n28A | DC\_3A\_n28A  DC\_3C\_n28A | No |
| DC\_3A\_n34A | DC\_3A\_n34A | No |
| DC\_3A\_n38A  DC\_3C\_n38A | DC\_3A\_n38A | No |
| DC\_3A\_n40A | DC\_3A\_n40A | No |
| DC\_3A\_n41A  DC\_3C\_n41A | DC\_3A\_n41A  DC\_3C\_n41A | DC\_3\_n41 |
| DC\_3A\_n50A | DC\_3A\_n50A | No |
| DC\_3A\_n51A | DC\_3A\_n51A | No |
| DC\_3A\_n77A7  DC\_3A\_n77C7 | DC\_3A\_n77A | DC\_3\_n77 |
| DC\_3A\_n77(2A)7 | DC\_3A\_n77A | DC\_3\_n77 |
| DC\_3A-3A\_n77A | DC\_3A\_n77A | DC\_3\_n77 |
| DC\_3A\_n78A7  DC\_3A\_n78C7  DC\_3C\_n78A7 | DC\_3A\_n78A | DC\_3\_n78 |
| DC\_3A\_n78(2A)7  DC\_3C\_n78(2A)7 | DC\_3A\_n78A | DC\_3\_n78 |
| DC\_3A-3A\_n78A | DC\_3A\_n78A | DC\_3\_n78 |
| DC\_3A\_n79A7  DC\_3A\_n79C7  DC\_3C\_n79A7 | DC\_3A\_n79A  DC\_3C\_n79A | No |
| DC\_4A\_n38A | DC\_4A\_n38A | No |
| DC\_4A\_n41A | DC\_4A\_n41A | No |
| DC\_4A\_n78A | DC\_4A\_n78A | No |
| DC\_4A\_n78(2A) | DC\_4A\_n78A | No |
| DC\_5A\_n2A | DC\_5A\_n2A | No |
| DC\_5A\_n7A | DC\_5A\_n7A | DC\_5\_n7 |
| DC\_5A\_n7(2A) | DC\_5A\_n7A | DC\_5\_n7 |
| DC\_5A\_n40A | DC\_5A\_n40A | No |
| DC\_5A\_n48A | DC\_5A\_n48A | No |
| DC\_5A\_n66A | DC\_5A\_n66A | DC\_5\_n66 |
| DC\_5A\_n71A | DC\_5A\_n71A | No |
| DC\_5A\_n78A7 | DC\_5A\_n78A | No |
| DC\_5A\_n78(2A)7 | DC\_5A\_n78A | No |
| DC\_5A\_n79A | DC\_5A\_n79A | No |
| DC\_7A\_n1A  DC\_7C\_n1A | DC\_7A\_n1A  DC\_7C\_n1A | No |
| DC\_7A-7A\_n1A | DC\_7A\_n1A | No |
| DC\_7A\_n3A  DC\_7C\_n3A | DC\_7A\_n3A  DC\_7C\_n3A | No |
| DC\_7A\_n5A  DC\_7C\_n5A | DC\_7A\_n5A  DC\_7C\_n5A | DC\_7\_n5 |
| DC\_7A-7A\_n5A | DC\_7A\_n5A | DC\_7\_n5 |
| DC\_7A-7A\_n78A7 | DC\_7A\_n78A | No |
| DC\_7A\_n28A  DC\_7C\_n28A | DC\_7A\_n28A  DC\_7C\_n28A | No |
| DC\_7A\_n51A | DC\_7A\_n51A | No |
| DC\_7A\_n66A  DC\_7C\_n66A | DC\_7A\_n66A | No |
| DC\_7A-7A\_n66A | DC\_7A\_n66A | No |
| DC\_7A\_n71A | DC\_7A\_n71A | No |
| DC\_7A\_n77A | DC\_7A\_n77A | No |
| DC\_7A-7A\_n77A | DC\_7A\_n77A | No |
| DC\_7A\_n78A7  DC\_7C\_n78A7 | DC\_7A\_n78A  DC\_7C\_n78A | No |
| DC\_7A\_n78(2A)7  DC\_7C\_n78(2A)7 | DC\_7A\_n78A  DC\_7C\_n78A | No |
| DC\_8A\_n1A | DC\_8A\_n1A | No |
| DC\_8A\_n3A | DC\_8A\_n3A | No |
| DC\_8A\_n28A | DC\_8A\_n28A | No |
| DC\_8A\_n34A | DC\_8A\_n34A | No |
| DC\_8A\_n39A | DC\_8A\_n39A | No |
| DC\_8A\_n40A7 | DC\_8A\_n40A | No |
| DC\_8A\_n41A  DC\_8A\_n41C | DC\_8A\_n41A | No |
| DC\_8A\_n41(2A) | DC\_8A\_n41A | No |
| DC\_8A\_n77A7 | DC\_8A\_n77A | No |
| DC\_8A\_n78A7 | DC\_8A\_n78A | No |
| DC\_8A\_n79A7  DC\_8A\_n79C | DC\_8A\_n79A  DC\_8A\_n79C | No |
| DC\_8A\_n93A | DC\_8A\_n93A\_ULSUP-TDM | N/A |
| DC\_8A\_n94A | DC\_8A\_n94A\_ULSUP-TDM | N/A |
| DC\_11A\_n77A7 | DC\_11A\_n77A | No |
| DC\_11A\_n78A7 | DC\_11A\_n78A | No |
| DC\_11A\_n79A7 | DC\_11A\_n79A | No |
| DC\_12A\_n2A | DC\_12A\_n2A | No |
| DC\_12A\_n5A | DC\_12A\_n5A | No |
| DC\_12A\_n7A  DC\_12A\_n7(2A) | DC\_12A\_n7A | No |
| DC\_12A\_n66A | DC\_12A\_n66A | No |
| DC\_12A\_n78A  DC\_12A\_n78(2A) | DC\_12A\_n78A | DC\_12\_n78 |
| DC\_13A\_n48A | DC\_13A\_n48A | No |
| DC\_13A\_n66A | DC\_13A\_n66A | No |
| DC\_13A\_n71A | DC\_13A\_n71A | No |
| DC\_18A\_n3A | DC\_18A\_n3A | No |
| DC\_18A\_n77A7 | DC\_18A\_n77A | No |
| DC\_18A\_n78A7 | DC\_18A\_n78A | No |
| DC\_20A\_n91A | DC\_20A\_n91A\_ULSUP-TDM | N/A |
| DC\_20A\_n92A | DC\_20A\_n92A\_ULSUP-TDM | N/A |
| DC\_18A\_n79A7 | DC\_18A\_n79A | No |
| DC\_19A\_n77A7  DC\_19A\_n77C7 | DC\_19A\_n77A | No |
| DC\_19A\_n78A7  DC\_19A\_n78C7 | DC\_19A\_n78A | No |
| DC\_19A\_n79A7  DC\_19A\_n79C7 | DC\_19A\_n79A | No |
| DC\_20A\_n1A | DC\_20A\_n1A | No |
| DC\_20A\_n3A | DC\_20A\_n3A | No |
| DC\_20A\_n7A | DC\_20A\_n7A | DC\_20\_n7 |
| DC\_20A\_n8A | DC\_20A\_n8A | DC\_20\_n8 |
| DC\_20A\_n28A8,10,11,13 | DC\_20A\_n28A | No |
| DC\_20A\_n38A | DC\_20A\_n38A | No |
| DC\_20A\_n50A | DC\_20A\_n50A | No |
| DC\_20A\_n51A | DC\_20A\_n51A | No |
| DC\_20A\_n77A7 | DC\_20A\_n77A | No |
| DC\_20A\_n78A7 | DC\_20A\_n78A | No |
| DC\_21A\_n77A7  DC\_21A\_n77C7 | DC\_21A\_n77A | No |
| DC\_21A\_n78A7  DC\_21A\_n78C7 | DC\_21A\_n78A | No |
| DC\_21A\_n79A7  DC\_21A\_n79C7 | DC\_21A\_n79A | No |
| DC\_25A\_n41A | DC\_25A\_n41A | No |
| DC\_25A-25A\_n41A | DC\_25A\_n41A | No |
| DC\_26A\_n25A | DC\_26A\_n25A | No |
| DC\_26A\_n41A | DC\_26A\_n41A | No |
| DC\_26A\_n77A7 | DC\_26A\_n77A | No |
| DC\_26A\_n78A7 | DC\_26A\_n78A | No |
| DC\_26A\_n79A7 | DC\_26A\_n79A | No |
| DC\_28A\_n3A | DC\_28A\_n3A | No |
| DC\_28A\_n5A8 | DC\_28A\_n5A | No |
| DC\_28A\_n7A  DC\_28A\_n7B | DC\_28A\_n7A  DC\_28A\_n7B | No |
| DC\_28A\_n51A | DC\_28A\_n51A | No |
| DC\_28A\_n8A | DC\_28A\_n8A | No |
| DC\_28A\_n41A | DC\_28A\_n41A | No |
| DC\_28A\_n50A | DC\_28A\_n50A | No |
| DC\_28A\_n77A7  DC\_28A\_n77C7 | DC\_28A\_n77A | No |
| DC\_28A\_n78A7  DC\_28A\_n78C7 | DC\_28A\_n78A | No |
| DC\_28A\_n79A7  DC\_28A\_n79C7 | DC\_28A\_n79A | No |
| DC\_30A\_n2A | DC\_30A\_n2A | No |
| DC\_30A\_n5A | DC\_30A\_n5A | No |
| DC\_30A\_n66A | DC\_30A\_n66A | No |
| DC\_38A\_n78A7 | N/A | No |
| DC\_39A\_n40A3 | DC\_39A\_n40A | No |
| DC\_39A\_n41A  DC\_39C\_n41A | DC\_39A\_n41A  DC\_39C\_n41A | No |
| DC\_39A\_n78A5,7 | DC\_39A\_n78A | No |
| DC\_39A\_n79A7 | DC\_39A\_n79A | No |
| DC\_40A\_n1A | DC\_40A\_n1A | No |
| DC\_40A\_n41A3  DC\_40C\_n41A3 | DC\_40A\_n41A | No |
| DC\_40A\_n77A | N/A | No |
| DC\_40A\_n78A  DC\_40C\_n78A | DC\_40A\_n78A  DC\_40C\_n78A | No |
| DC\_40A\_n79A7,12  DC\_40C\_n79A7,12 | DC\_40A\_n79A | No |
| DC\_41A\_n77A  DC\_41C\_n77A | DC\_41A\_n77A  DC\_41C\_n77A | No |
| DC\_41A\_n77(2A)  DC\_41C\_n77(2A) | DC\_41A\_n77A  DC\_41C\_n77A | No |
| DC\_41A\_n78A  DC\_41C\_n78A | DC\_41A\_n78A  DC\_41C\_n78A | No |
| DC\_41A\_n79A6,7  DC\_41C\_n79A6,7 | DC\_41A\_n79A  DC\_41C\_n79A | No |
| DC\_42A\_n51A | DC\_42A\_n51A | No |
| DC\_42A\_n77A3,4,9,11  DC\_42A\_n77C3,4,9,11  DC\_42C\_n77A3,4,9,11  DC\_42C\_n77C3,4,9,11  DC\_42D\_n77A3,4,9,11  DC\_42D\_n77C  DC\_42E\_n77A3,4,9,11  DC\_42E\_n77C | N/A | N/A |
| DC\_42A\_n78A3,4,9,11  DC\_42A\_n78C3,4,9,11  DC\_42C\_n78A3,4,9,11  DC\_42C\_n78C3,4,9,11  DC\_42D\_n78A3,4,9,11  DC\_42D\_n78C  DC\_42E\_n78A3,4,9,11  DC\_42E\_n78C | N/A | N/A |
| DC\_42A\_n79A9  DC\_42A\_n79C9  DC\_42C\_n79A9  DC\_42C\_n79C9  DC\_42D\_n79A9  DC\_42D\_n79C  DC\_42E\_n79A9  DC\_42E\_n79C | N/A | N/A |
| DC\_46A\_n78A2  DC\_46C\_n78A2  DC\_46D\_n78A2  DC\_46E\_n78A2 | N/A | N/A |
| DC\_66A\_n2A | DC\_66A\_n2A | DC\_66\_n2 |
| DC\_66A-66A\_n2A | DC\_66A\_n2A | DC\_66\_n2 |
| DC\_66A\_n5A | DC\_66A\_n5A | DC\_66\_n5 |
| DC\_66A-66A\_n5A  DC\_66A-66A-66A\_n5A | DC\_66A\_n5A | DC\_66\_n5 |
| DC\_66A\_n7A  DC\_66A-66A\_n7A  DC\_66A-66A\_n7(2A) | DC\_66A\_n7A | No |
| DC\_66A\_n25A | DC\_66A\_n25A | DC\_66\_n25 |
| DC\_66A\_n41A | DC\_66A\_n41A | No |
| DC\_66A\_n48A | DC\_66A\_n48A | No |
| DC\_66A\_n71A  DC\_66C\_n71A  DC\_66A\_n71B | DC\_66A\_n71A | No |
|  |  |  |
| DC\_66A-66A\_n71A | DC\_66A-66A\_n71A | DC\_66A-66A\_n71A |
| DC\_66A\_n78A | DC\_66A\_n78A | No |
| DC\_66A\_n78(2A) | DC\_66A\_n78A | No |
| DC\_66A-66A\_n78A | DC\_66A\_n78A | No |
| DC\_71A\_n5A | DC\_71A\_n5A | No |
| NOTE 1: Uplink EN-DC 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 configuration is part of a higher order EN-DC configuration.  NOTE 4: The minimum requirements for intra-band contiguous or non-contiguous EN-DC apply. The intra-band requirements also apply for these carriers when applicable EN-DC configuration is a subset of a higher order EN-DC configuration.  NOTE 5: The frequency range above 3600 MHz for Band n78 is not used in this combination.  NOTE 6: The frequency range below 2506 MHz for Band 41 is not used in this combination.  NOTE 7: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability.  NOTE 8: 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 9: The combination is not used alone as fall back mode of other band combinations in which UL in Band 42 is not used.  NOTE 10: 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.  NOTE 11: 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.  NOTE 12: Applicable for frequency range above 4800 MHz for Band n79 in this combination.  NOTE 13: The minimum requirements apply for synchronized DL carriers with a maximum receive time difference ≤ 3 usec. The requirements also apply 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) |
| --- | --- |
| DC\_1A-3A\_n5A  DC\_1A-3C\_n5A | DC\_1A\_n5A  DC\_3A\_n5A  DC\_3C\_n5A |
| DC\_1A-3A\_n7A  DC\_1A-3A\_n7B  DC\_1A-3C\_n7A  DC\_1A-3C\_n7B | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A |
| DC\_1A-1A-3A\_n7A DC\_1A-1A-3A\_n7B DC\_1A-1A-3C\_n7A DC\_1A-1A-3C\_n7B  DC\_1A-3A-3A\_n7A DC\_1A-3A-3A\_n7B  DC\_1A-1A-3A-3A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A |
| DC\_1A-3A\_n28A  DC\_1A-3C\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_3C\_n28A |
| DC\_1A\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A |
| DC\_1A-3A\_n38A | DC\_1A\_n38A  DC\_3A\_n38A |
| DC\_1A-3A\_n41A | DC\_1A\_n41A  DC\_3A\_n41A |
| DC\_1A-3A\_n77A5  DC\_1A-3A\_n77C5 | DC\_1A\_n77A  DC\_3A\_n77A |
| DC\_1A-3A\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A |
| DC\_1A-3A\_n78A5  DC\_1A-3A\_n78C5  DC\_1A-3C\_n78A5 | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3A\_n78(2A)5  DC\_1A-3C\_n78(2A)5 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_1A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A |
| DC\_1A-3A\_n79A5  DC\_1A-3A\_n79C5 | DC\_1A\_n79A  DC\_3A\_n79A |
| DC\_1A-5A\_n78A5 | DC\_1A\_n78A  DC\_5A\_n78A |
| DC\_1A-5A\_n79A | DC\_1A\_n79A  DC\_5A\_n79A |
| DC\_1A\_n5A-n78A | DC\_1A\_n5A  DC\_1A\_n78A |
| DC\_1A-7A\_n3A | DC\_1A\_n3A  DC\_7A\_n3A |
| DC\_1A-7A\_n5A  DC\_1A-7C\_n5A | DC\_1A\_n5A  DC\_7A\_n5A  DC\_7C\_n5A |
| DC\_1A-7A\_n7A | DC\_1A\_n7A  DC\_7A\_n7A2 |
| DC\_1A-1A-7A\_n7A | DC\_1A\_n7A  DC\_7A\_n7A2 |
| DC\_1A-7A\_n28A5  DC\_1A-7C\_n28A | DC\_1A\_n28A  DC\_7A\_n28A  DC\_7C\_n28A |
| DC\_1A-7A\_n78A5  DC\_1A-7C\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-7A\_n78(2A)5  DC\_1A-7C\_n78(2A)5 | DC\_1A\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-7A-7A\_n78A5 | DC\_1A\_n78A  DC\_7A\_n78A |
| DC\_1A\_n7A-n78A  DC\_1A\_n7B-n78A | DC\_1A\_n7A  DC\_1A\_n78A |
| DC\_1A-8A\_n3A | DC\_1A\_n3A  DC\_8A\_n3A |
| DC\_1A-8A\_n28A | DC\_1A\_n28A  DC\_8A\_n28A |
| DC\_1A-8A\_n77A | DC\_1A\_n77A  DC\_8A\_n77A |
| DC\_1A-8A\_n78A5 | DC\_1A\_n78A  DC\_8A\_n78A |
| DC\_1A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A |
| DC\_1A-8A\_n79A | DC\_1A\_n79A  DC\_8A\_n79A |
| DC\_1A-11A\_n77A | DC\_1A\_n77A  DC\_11A\_n77A |
| DC\_1A-11A\_n78A | DC\_1A\_n78A  DC\_11A\_n78A |
| DC\_1A-18A\_n77A5 | DC\_1A\_n77A  DC\_18A\_n77A |
| DC\_1A-18A\_n78A5 | DC\_1A\_n78A  DC\_18A\_n78A |
| DC\_1A-18A\_n79A | DC\_1A\_n79A  DC\_18A\_n79A |
| DC\_1A-19A\_n77A5  DC\_1A-19A\_n77C5 | DC\_1A\_n77A  DC 19A\_n77A |
| DC\_1A-19A\_n78A5  DC\_1A-19A\_n78C5 | DC\_1A\_n78A  DC\_19A\_n78A |
| DC\_1A-19A\_n79A5  DC\_1A-19A\_n79C5 | DC\_1A\_n79A  DC\_19A\_n79A |
| DC\_1A-20A\_n3A  DC\_1C-20A\_n3A | DC\_1A\_n3A  DC\_20A\_n3A |
| DC\_1A-20A\_n28A6 | DC\_1A\_n28A  DC\_20A\_n28A |
| DC\_1A-20A\_n38A | DC\_20A\_n38A |
| DC\_1A-20A\_n78A5 | DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-21A\_n77A5  DC\_1A-21A\_n77C5 | DC\_1A\_n77A  DC\_21A\_n77A |
| DC\_1A-21A\_n78A5  DC\_1A-21A\_n78C5 | DC\_1A\_n78A  DC\_21A\_n78A |
| DC\_1A-21A\_n79A5  DC\_1A-21A\_n79C5 | DC\_1A\_n79A  DC\_21A\_n79A |
| DC\_1A-28A\_n5A6 | DC\_1A\_n5A  DC\_28A\_n5A |
| DC\_1A-28A\_n7A  DC\_1A-28A\_n7B | DC\_1A\_n7A  DC\_28A\_n7A  DC\_1A\_n7B  DC\_28A\_n7B |
| DC\_1A-1A-28A\_n7A  DC\_1A-1A-28A\_n7B | DC\_1A\_n7A  DC\_28A\_n7A  DC\_1A\_n7B  DC\_28A\_n7B |
| DC\_1A-28A\_n77A5  DC\_1A-28A\_n77C5 | DC\_1A\_n77A  DC\_28A\_n77A |
| DC\_1A-28A\_n78A5  DC\_1A-28A\_n78C5 | DC\_1A\_n78A  DC\_28A\_n78A |
| DC\_1A\_n28A-n78A5 | DC\_1A\_n28A  DC\_1A\_n78A |
| DC\_1A-28A\_n79A  DC\_1A-28A\_n79C | DC\_1A\_n79A  DC\_28A\_n79A |
| DC\_1A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A |
| DC\_1A-41A\_n77A  DC\_1A-41C\_n77A | DC\_1A\_n77A  DC\_41A\_n77A |
| DC\_1A-41A\_n78A  DC\_1A-41C\_n78A | DC\_1A\_n78A  DC\_41A\_n78A |
| DC\_1A-41A\_n79A  DC\_1A-41C\_n79A | DC\_1A\_n79A |
| DC\_1A-42A\_n77A  DC\_1A-42A\_n77C  DC\_1A-42C\_n77A  DC\_1A-42C\_n77C  DC\_1A-42D\_n77A  DC\_1A-42D\_n77C  DC\_1A-42E\_n77A  DC\_1A-42E\_n77C | DC\_1A\_n77A |
| DC\_1A-42A\_n78A  DC\_1A-42A\_n78C  DC\_1A-42C\_n78A  DC\_1A-42C\_n78C  DC\_1A-42D\_n78A  DC\_1A-42D\_n78C  DC\_1A-42E\_n78A  DC\_1A-42E\_n78C | DC\_1A\_n78A |
| DC\_1A-42A\_n79A  DC\_1A-42A\_n79C  DC\_1A-42C\_n79A  DC\_1A-42C\_n79C  DC\_1A-42D\_n79A  DC\_1A-42D\_n79C  DC\_1A-42E\_n79A  DC\_1A-42E\_n79C | DC\_1A\_n79A |
| DC\_1A\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A\_SUL\_n77A-n80A | DC\_1A\_n77A  DC\_1A\_n80A |
| DC\_1A\_SUL\_n77A-n84A | DC\_1A\_n77A  DC\_1A\_n84A\_ULSUP-TDM\_n77A  DC\_1A\_n84A\_ULSUP-FDM\_n77A |
| DC\_1A\_n78A-n79A | DC\_1A\_n78A  DC\_1A\_n79A |
| DC\_1A\_SUL\_n78A-n80A | DC\_1A\_n78A  DC\_1A\_n80A |
| DC\_1A\_SUL\_n78A-n84A5 | DC\_1A\_n78A,  DC\_1A\_n84A\_ULSUP-TDM\_n78A,  DC\_1A\_n84A\_ULSUP-FDM\_n78A |
| DC\_1A\_SUL\_n79A-n84A | DC\_1A\_n79A,  DC\_1A\_n84A\_ULSUP-TDM\_n78A |
| DC\_2A-4A\_n38A | DC\_2A\_n38A  DC\_4A\_n38A |
| DC\_2A-4A\_n41A | DC\_2A\_n41A  DC\_4A\_n41A |
| DC\_2A-5A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A |
| DC\_2A-7A\_n66A  DC\_2A-7C\_n66A | DC\_2A\_n66A  DC\_7A\_n66A |
| DC\_2A-7A-7A\_n66A DC\_2A-2A-7A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A |
| DC\_2A-7A\_n71A | DC\_2A\_n71A  DC\_7A\_n71A |
| DC\_2A-2A-7A\_n71A | DC\_2A\_n71A  DC\_7A\_n71A |
| DC\_2A-7A\_n78A  DC\_2A-7C\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_2A\_n7A-n78A | DC\_2A\_n7A  DC\_2A\_n78A |
| DC\_2A-7A-7A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A |
| DC\_2A-12A\_n2A | DC\_12A\_n2A |
| DC\_2A-12A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A |
| DC\_2A-2A-12A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A |
| DC\_2A-13A\_n66A | DC\_2A\_n66A  DC\_13A\_n66A |
| DC\_2A-30A\_n5A | DC\_2A\_n5A  DC\_30A\_n5A |
| DC\_2A-2A-30A\_n5A | DC\_2A\_n5A  DC\_30A\_n5A |
| DC\_2A-30A\_n66A | DC\_2A\_n66A  DC\_30A\_n66A |
| DC\_2A-2A-30A\_n66A | DC\_2A\_n66A  DC\_30A\_n66A |
| DC\_2A\_n41A-n66A  DC\_2A\_n41C-n66A | DC\_2A\_n41A  DC\_2A\_n66A |
| DC\_2A\_n41(2A)-n66A | DC\_2A\_n41A  DC\_2A\_n66A |
| DC\_2A\_n41A-n71A  DC\_2A\_n41C-n71A | DC\_2A\_n41A  DC\_2A\_n71A |
| DC\_2A\_n41(2A)-n71A | DC\_2A\_n41A  DC\_2A\_n71A |
| DC\_2A-46A\_n41A  DC\_2A-46C\_n41A  DC\_2A-46D\_n41A | DC\_2A\_n41A |
| DC\_2A-46A\_n71A  DC\_2A-46C\_n71A  DC\_2A-46D\_n71A | DC\_2A\_n71A |
| DC\_2A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
|  | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-2A-66A\_n5A  DC\_2A-66A-66A\_n5A  DC\_2A-2A-66A-66A\_n5A  DC\_2A-66A-66A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-66A\_n41A  DC\_2C-66A\_n41A | DC\_2A\_n41A  DC\_66A\_n41A |
| DC\_2A-2A-66A\_n41A | DC\_2A\_n41A  DC\_66A\_n41A |
| DC\_2A-66A\_n66A | DC\_2A\_n66A  DC\_66A\_n66A2 |
| DC\_2A-2A-66A\_n66A | DC\_2A\_n66A  DC\_66A\_n66A2 |
| DC\_2A-66A\_n71A  DC\_2A-66A\_n71B  DC\_2A-66C\_n71A  DC\_2C-66A\_n71A | DC\_2A\_n71A  DC\_66A\_n71A |
| DC\_2A-2A-66A\_n71A  DC\_2A-66A-66A\_n71A  DC\_2A-2A-66A-66A\_n71A | DC\_2A\_n71A  DC\_66A\_n71A |
| DC\_2A\_n66A-n71A | DC\_2A\_n66A  DC\_2A\_n71A |
| DC\_2A-66A\_n78A | DC\_2A\_n78A  DC\_66A\_n78A |
| DC\_2A\_n66A-n78A | DC\_2A\_n66A  DC\_2A\_n78A |
| DC\_2A-66A-66A\_n78A | DC\_2A\_n78A  DC\_66A\_n78A |
| DC\_2A-(n)71AA | DC\_2A\_n71A  DC\_(n)71AA |
| DC\_3A\_n1A-n7A | DC\_3A\_n1A  DC\_3A\_n7A |
| DC\_3C\_n1A-n7A | DC\_3A\_n1A  DC\_3A\_n7A  DC\_3C\_n1A  DC\_3C\_n7A |
| DC\_3A\_n1A-n28A | DC\_3A\_n1A  DC\_3A\_n28A |
| DC\_3C\_n1A-n28A | DC\_3A\_n1A  DC\_3A\_n28A  DC\_3C\_n1A  DC\_3C\_n28A |
| DC\_3A\_n1A-n77A | DC\_3A\_n1A  DC\_3A\_n77A |
| DC\_3A\_n1A-n78A  DC\_3C\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A |
| DC\_3A-3A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A |
| DC\_3A\_n1A-n79A | DC\_3A\_n1A  DC\_3A\_n79A |
| DC\_3A\_n3A-n77A | DC\_3A\_n77A  DC\_3A\_n3A2 |
| DC\_3A\_n3A-n78A | DC\_3A\_n78A  DC\_3A\_n3A2 |
| DC\_3A-5A\_n78A5 | DC\_3A\_n78A  DC\_5A\_n78A |
| DC\_3A\_n5A-n78A  DC\_3C\_n5A-n78A | DC\_3A\_n5A  DC\_3A\_n78A  DC\_3C\_n5A  DC\_3C\_n78A |
|  |  |
| DC\_3A-5A\_n79A | DC\_3A\_n79A  DC\_5A\_n79A |
| DC\_3A-7A\_n1A  DC\_3A-7C\_n1A  DC\_3C-7A\_n1A  DC\_3C-7C\_n1A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_7A\_n1A  DC\_7C\_n1A |
| DC\_3A-3A-7A\_n1A  DC\_3A-7A-7A\_n1A  DC\_3A-3A-7A-7A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A |
| DC\_3A-7A\_n5A  DC\_3C-7A\_n5A  DC\_3A-7C\_n5A  DC\_3C-7C\_n5A | DC\_3A\_n5A  DC\_3C\_n5A  DC\_7A\_n5A  DC\_7C\_n5A |
| DC\_3A-7A\_n7A DC\_3C-7A\_n7A | DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A2 |
| DC\_3A-3A-7A\_n7A | DC\_3A\_n7A  DC\_7A\_n7A2 |
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| DC\_3A-7A\_n78(2A)5  DC\_3C-7A\_n78(2A)5  DC\_3A-7C\_n78(2A)5  DC\_3C-7C\_n78(2A)5 | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3C\_n78A  DC\_7C\_n78A |
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| DC\_3A-3A-8A\_n1A | DC\_3A\_n1A  DC\_8A\_n1A |
| DC\_3A-8A\_n77A | DC\_3A\_n77A  DC\_8A\_n77A |
| DC\_3A-8A\_n78A  DC\_3C-8A\_n78A | DC\_3A\_n78A  DC\_8A\_n78A |
| DC\_3A-3A-8A\_n78A | DC\_3A\_n78A  DC\_8A\_n78A |
| DC\_3A-8A\_n79A | DC\_3A\_n79A  DC\_8A\_n79A |
| DC\_3A-18A\_n77A | DC\_3A\_n77A  DC\_18A\_n77A |
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| DC\_3A-18A\_n79A | DC\_3A\_n79A  DC\_18A\_n79A |
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| DC\_3A-19A\_n79A5  DC\_3A-19A\_n79C5 | DC\_3A\_n79A  DC\_19A\_n79A |
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| DC\_3A-20A\_n78A5  DC\_3C-20A\_n78A5 | DC\_3A\_n78A  DC\_20A\_n78A |
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| DC\_3A\_SUL\_n78A-n80A5  DC\_3C\_SUL\_n78A-n80A | DC\_3A\_n78A  DC\_3A\_n80A\_ULSUP-TDM\_n78A  DC\_3A\_n80A\_ULSUP-FDM\_n78A |
| DC\_3A\_SUL\_n78A-n82A5 | DC\_3A\_n78A  DC\_3A\_n82A |
| DC\_3A\_SUL\_n78A-n84A | DC\_3A\_n78A  DC\_3A\_n84A |
| DC\_3A\_SUL\_n79A-n80A5 | DC\_3A\_n79A,  DC\_3A\_n80A\_ULSUP-TDM\_n79A,  DC\_3A\_n80A\_ULSUP-FDM\_n79A |
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| DC\_5A\_n7A-n78A | DC\_5A\_n7A  DC\_5A\_n78A |
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| DC\_5A-66A\_n66A | DC\_5A\_n66A |
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| DC\_7A\_n5A-n78A  DC\_7C\_n5A-n78A | DC\_7A\_n5A  DC\_7C\_n5A  C\_7A\_n78A  DC\_7C\_n78A |
| DC\_7A\_n7A-n78A | DC\_7A\_n78A  DC\_7A\_n7A2 |
| DC\_7A\_n7A-n78(2A) | DC\_7A\_n78A  DC\_7A\_n7A2 |
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| DC\_7A-7A-8A\_n1A | DC\_7A\_n1A  DC\_8A\_n1A |
| DC\_7A-8A\_n77A | DC\_7A\_n77A, DC\_8A\_n77A |
| DC\_7A-8A\_n78A | DC\_7A\_n78A, DC\_8A\_n78A |
| DC\_7A-7A-8A\_n78A | DC\_7A\_n78A  DC\_8A\_n78A |
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| DC\_8A\_n1A-n78A | DC\_8A\_n1A  DC\_8A\_n78A |
| DC\_8A\_n3A-n28A | DC\_8A\_n3A  DC\_8A\_n28A |
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| DC\_8A\_SUL\_n78A-n80A | DC\_8A\_n78A  DC\_8A\_n80A |
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| DC\_66A\_n25A-n71A | DC\_66A\_n25A  DC\_66A\_n71A |
| DC\_66A\_n66A-n78A | DC\_66A\_n66A2  DC\_66A\_n78A |
| DC\_66A-(n)71AA  DC\_66C-(n)71AA | DC\_66A\_n71A  DC\_(n)71AA |
| DC\_66A\_n25A-n41A  DC\_66A\_n25A-n41C | DC\_66A\_n25A  DC\_66A\_n41A |
| DC\_66A\_n25A-n41(2A) | DC\_66A\_n25A  DC\_66A\_n41A |
| DC\_66A\_n41A-n71A  DC\_66A\_n41C-n71A | DC\_66A\_n41A  DC\_66A\_n71A |
| DC\_66A\_n41(2A)-n71A | DC\_66A\_n41A  DC\_66A\_n71A |
| DC\_66A\_SUL\_n78A-n86A5  DC\_66A\_n78(2A)\_SUL\_n78A-n86A5 | DC\_66A\_n78A  DC\_66A\_n86A\_ULSUP-TDM\_n78A  DC\_66A\_n86A\_ULSUP-FDM\_n78A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Only single switched UL is supported  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.  NOTE 4: 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 5: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability  NOTE 6: 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. | |

#### 5.5B.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) |
| --- | --- |
| DC\_1A-3A-5A\_n78A2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A |
| DC\_1A-3A\_n5A-n78A  DC\_1A-3C\_n5A-n78A | DC\_1A\_n5A  DC\_1A\_n78A  DC\_3A\_n5A  DC\_3A\_n78A  DC\_3C\_n5A  DC\_3C\_n78A |
| DC\_1A-3A-5A\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_5A\_n79A |
| DC\_1A-3A-7A\_n5A  DC\_1A-3A-7C\_n5A  DC\_1A-3C-7A\_n5A  DC\_1A-3C-7C\_n5A | DC\_1A\_n5A  DC\_3A\_n5A  DC\_3C\_n5A  DC\_7A\_n5A  DC\_7C\_n5A |
| DC\_1A-3A-7A\_n7A DC\_1A-3C-7A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_7A\_n7A4 |
| DC\_1A-1A-3A-7A\_n7A DC\_1A-1A-3C-7A\_n7A DC\_1A-3A-3A-7A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4 |
| DC\_1A-3A-7A\_n28A  DC\_1A-3A-7C\_n28A  DC\_1A-3C-7A\_n28A  DC\_1A-3C-7C\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_3C\_n28A  DC\_7A\_n28A  DC\_7C\_n28A |
| DC\_1A-3A-7A\_n78A2  DC\_1A-3A-7C\_n78A  DC\_1A-3C-7A\_n78A2  DC\_1A-3C-7C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-3A-7A\_n78(2A)  DC\_1A-3C-7A\_n78(2A)  DC\_1A-3A-7C\_n78(2A)  DC\_1A-3C-7C\_n78(2A) | DC\_1A\_n78A DC\_3A\_n78A DC\_3C\_n78A  DC\_7A\_n78A DC\_7C\_n78A |
| DC\_1A-3A\_n7A-n78A  DC\_1A-3A\_n7B-n78A | DC\_1A\_n7A  DC\_1A\_n78A  DC\_3A\_n7A  DC\_3A\_n78A |
| DC\_1A-3A\_n7A-n78(2A)  DC\_1A-3C\_n7A-n78(2A) | DC\_1A\_n7A  DC\_1A\_n78A  DC\_3A\_n7A  DC\_3A\_n78A |
| DC\_1A-3C\_n7A-n78A | DC\_1A\_n7A  DC\_1A\_n78A  DC\_3A\_n7A  DC\_3A\_n78A  DC\_3C\_n7A |
| DC\_1A-3A-7A-7A\_n78A2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-8A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_8A\_n77A |
| DC\_1A-3A-8A\_n78A2  DC\_1A-3C-8A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A |
| DC\_1A-3A-8A\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_8A\_n79A |
| DC\_1A-3A-18A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_18A\_n78A |
| DC\_1A-3A-18A\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_18A\_n79A |
| DC\_1A-3A-19A\_n77A2  DC\_1A-3A-19A\_n77C2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_1A-3A-19A\_n78A2  DC\_1A-3A-19A\_n78C2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A |
| DC\_1A-3A-19A\_n79A2  DC\_1A-3A-19A\_n79C2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A |
| DC\_1A-3A-20A\_n28A3 | DC\_1A\_n28A  DC\_3A\_n28A  DC\_20A\_n28A |
| DC\_1A-3A-20A\_n38A | DC\_3A\_n38A  DC\_20A\_n38A |
| DC\_1A-3A-20A\_n78A2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-21A\_n77A2  DC\_1A-3A-21A\_n77C2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_21A\_n77A |
| DC\_1A-3A-21A\_n78A2  DC\_1A-3A-21A\_n78C2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_21A\_n78A |
| DC\_1A-3A-21A\_n79A2  DC\_1A-3A-21A\_n79C2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_21A\_n79A |
| DC\_1A-3A-28A\_n5A  DC\_1A-3C-28A\_n5A | DC\_1A\_n5A  DC\_3A\_n5A  DC\_3C\_n5A  DC\_28A\_n5A |
| DC\_1A-3A-28A\_n7A  DC\_1A-3C-28A\_n7A  DC\_1A-3A-28A\_n7B  DC\_1A-3C-28A\_n7B | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A |
| DC\_1A-3A-3A-28A\_n7A  DC\_1A-1A-3A-28A\_n7A  DC\_1A-1A-3C-28A\_n7A  DC\_1A-1A-3A-3A-28A\_n7A  DC\_1A-3A-3A-28A\_n7B  DC\_1A-1A-3A-28A\_n7B  DC\_1A-1A-3C-28A\_n7B  DC\_1A-1A-3A-3A-28A\_n7B | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A |
| DC\_1A-3A-28A\_n77A2  DC\_1A-3A-28A\_n77C | DC\_1A\_n77A  DC\_3A\_n77A  DC\_28A\_n77A |
| DC\_1A-3A-28A\_n78A2  DC\_1A-3C-28A\_n78A  DC\_1A-3A-28A\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A |
|  |  |
| DC\_1A-3A-28A\_n79A2  DC\_1A-3A-28A\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_28A\_n79A |
| DC\_1A-3A\_n28A-n78A2  DC\_1A-3C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n28A |
| DC\_1A-3A\_n38A-n78A | DC\_3A\_n38A  DC\_3A\_n78A |
| DC\_1A-3A-41A\_n77A  DC\_1A-3A-41C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_41A\_n77A |
| DC\_1A-3A-41A\_n78A  DC\_1A-3A-41C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_41A\_n78A |
| DC\_1A-3A-41A\_n79A  DC\_1A-3A-41C\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_41A\_n79A |
| DC\_1A-3A-42A\_n77A  DC\_1A-3A-42A\_n77C  DC\_1A-3A-42C\_n77A  DC\_1A-3A-42C\_n77C  DC\_1A-3A-42D\_n77A | DC\_1A\_n77A  DC\_3A\_n77A |
| DC\_1A-3A-42A\_n78A  DC\_1A-3A-42A\_n78C  DC\_1A-3A-42C\_n78A  DC\_1A-3A-42C\_n78C  DC\_1A-3A-42D\_n78A | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3A-42A\_n79A  DC\_1A-3A-42A\_n79C  DC\_1A-3A-42C\_n79A  DC\_1A-3A-42C\_n79C  DC\_1A-3A-42D\_n79A | DC\_1A\_n79A  DC\_3A\_n79A |
| DC\_1A-3A\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A  DC\_3A\_n77A  DC\_3A\_n79A |
| DC\_1A-3A\_n78A-n79A | DC\_1A\_n78A  DC\_1A\_n79A  DC\_3A\_n78A  DC\_3A\_n79A |
| DC\_1A-3A\_SUL\_n78A-n80A | DC\_1A\_n78A  DC\_1A\_n80A  DC\_3A\_n78A  DC\_3A\_n80A\_ULSUP-TDM\_n78A  DC\_3A\_n80A\_ULSUP-FDM\_n78A |
| DC\_1A-5A-7A\_n78A | DC\_1A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-5A-7A-7A\_n78A | DC\_1A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-5A-41A\_n79A | DC\_1A\_n79A  DC\_5A\_n79A  DC\_41A\_n79A |
| DC\_1A-7A\_n5A-n78A  DC\_1A-7C\_n5A-n78A | DC\_1A\_n5A  DC\_1A\_n78A  DC\_7A\_n5A  DC\_7A\_n78A  DC\_7C\_n5A  DC\_7C\_n78A |
| DC\_1A-7A-8A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_1A-7A-20A\_n3A | DC\_1A\_n3A  DC\_20A\_n3A |
| DC\_1A-7A-20A\_n28A3 | DC\_1A\_n28A  DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_1A-7A-20A\_n78A2 | DC\_1A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-7A-28A\_n5A  DC\_1A-7C-28A\_n5A | DC\_1A\_n5A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_28A\_n5A |
| DC\_1A-7A-28A\_n7A | DC\_1A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_1A-1A-7A-28A\_n7A | DC\_1A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_1A-7A-28A\_n78A  DC\_1A-7C-28A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_1A-7A\_n28A-n78A2  DC\_1A-7C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_7C\_n28A  DC\_7C\_n78A |
| DC\_1A-8A\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_8A\_n3A  DC\_8A\_n28A |
| DC\_1A-8A-11A\_n77A | DC\_1A\_n77A  DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n78A | DC\_1A\_n78A  DC\_8A\_n78A  DC\_11A\_n78A |
| DC\_1A-8A-20A\_n78A | DC\_1A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A |
| DC\_1A-8A-42A\_n77A  DC\_1A-8A-42C\_n77A | DC\_1A\_n77A  DC\_8A\_n77A |
| DC\_1A-18A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_18A\_n3A  DC\_18A\_n78A |
| DC\_1A-18A-28A\_n77A | DC\_1A\_n77A  DC\_18A\_n77A  DC\_28A\_n77A |
| DC\_1A-18A-28A\_n78A | DC\_1A\_n78A  DC\_18A\_n78A  DC\_28A\_n78A |
| DC\_1A-18A-28A\_n79A2 | DC\_1A\_n79A  DC\_18A\_n79A  DC\_28A\_n79A |
| DC\_1A-18A-42A\_n77A  DC\_1A-18A-42C\_n77A | DC\_1A\_n77A  DC\_18A\_n77A |
| DC\_1A-18A-42A\_n78A  DC\_1A-18A-42C\_n78A | DC\_1A\_n78A  DC\_18A\_n78A |
| DC\_1A-18A-42A\_n79A  DC\_1A-18A-42C\_n79A | DC\_1A\_n79A  DC\_18A\_n79A |
| DC\_1A-19A-21A\_n77A  DC\_1A-19A-21A\_n77C | DC\_1A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_1A-19A-21A\_n78A  DC\_1A-19A-21A\_n78C | DC\_1A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_1A-19A-21A\_n79A  DC\_1A-19A-21A\_n79C | DC\_1A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_1A-19A-42A\_n77A  DC\_1A-19A-42A\_n77C  DC\_1A-19A-42C\_n77A  DC\_1A-19A-42C\_n77C | DC\_1A\_n77A  DC\_19A\_n77A |
| DC\_1A-19A-42A\_n78A  DC\_1A-19A-42A\_n78C  DC\_1A-19A-42C\_n78A  DC\_1A-19A-42C\_n78C | DC\_1A\_n78A  DC\_19A\_n78A |
| DC\_1A-19A-42A\_n79A  DC\_1A-19A-42A\_n79C  DC\_1A-19A-42C\_n79A  DC\_1A-19A-42C\_n79C | DC\_1A\_n79A  DC\_19A\_n79A |
| DC\_1A-19A\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_1A-19A\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_1A-20A\_n3A-n38A | DC\_1A\_n3A  DC\_20A\_n3A  DC\_1A\_n38A  DC\_20A\_n38A |
| DC\_1A-20A\_n3A-n78A | DC\_1A\_n3A  DC\_20A\_n3A  DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-20A\_n28A-n78A2,3 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_1A-20A-38A\_n78A | DC\_1A\_n78A |
| DC\_1A-21A-28A\_n77A2 | DC\_1A\_n77A  DC\_21A\_n77A  DC\_28A\_n77A |
| DC\_1A-21A-28A\_n78A2 | DC\_1A\_n78A  DC\_21A\_n78A  DC\_28A\_n78A |
| DC\_1A-21A-28A\_n79A2 | DC\_1A\_n79A  DC\_21A\_n79A  DC\_28A\_n79A |
| DC\_1A-21A-42A\_n77A  DC\_1A-21A-42A\_n77C  DC\_1A-21A-42C\_n77A  DC\_1A-21A-42C\_n77C  DC\_1A-21A-42D\_n77A  DC\_1A-21A-42D\_n77C | DC\_1A\_n77A  DC\_21A\_n77A |
| DC\_1A-21A-42A\_n78A  DC\_1A-21A-42A\_n78C  DC\_1A-21A-42C\_n78A  DC\_1A-21A-42C\_n78C  DC\_1A-21A-42D\_n78A  DC\_1A-21A-42D\_n78C | DC\_1A\_n78A  DC\_21A\_n78A |
| DC\_1A-21A-42A\_n79A  DC\_1A-21A-42A\_n79C  DC\_1A-21A-42C\_n79A  DC\_1A-21A-42C\_n79C  DC\_1A-21A-42D\_n79A  DC\_1A-21A-42D\_n79C | DC\_1A\_n79A  DC\_21A\_n79A |
| DC\_1A-21A\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A-21A\_n78A-n79A | DC\_1A\_n78A  DC\_1A\_n79A |
| DC\_1A-28A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_28A\_n3A  DC\_28A\_n78A |
| DC\_1A-28A\_n5A-n78A | DC\_1A\_n5A DC\_1A\_n78A  DC\_28A\_n5A DC\_28A\_n78A |
| DC\_1A-28A\_n7A-n78A | DC\_1A-n7A  DC\_28A\_n7A  DC\_1A\_n78A  DC\_28A\_n78A |
| DC\_1A-28A\_n7B-n78A | DC\_1A-n7A  DC\_1A-n7B  DC\_28A\_n7A  DC\_28A\_n7B  DC\_1A\_n78A  DC\_28A\_n78A |
| DC\_1A-28A-42A\_n77A  DC\_1A-28A-42C\_n77A | DC\_1A\_n77A  DC\_28A\_n77A |
| DC\_1A-28A-42A\_n78A  DC\_1A-28A-42C\_n78A | DC\_1A\_n78A  DC\_28A\_n78A |
| DC\_1A-28A-42A\_n79A  DC\_1A-28A-42C\_n79A | DC\_1A\_n79A  DC\_28A\_n79A |
| DC\_1A-41A-42A\_n77A  DC\_1A-41A-42C\_n77A  DC\_1A-41C-42A\_n77A  DC\_1A-41C-42C\_n77A | DC\_1A\_n77A  DC\_41A\_n77A |
| DC\_1A-41A-42A\_n78A  DC\_1A-41A-42C\_n78A  DC\_1A-41C-42A\_n78A  DC\_1A-41C-42C\_n78A | DC\_1A\_n78A  DC\_41A\_n78A |
| DC\_1A-41A-42A\_n79A  DC\_1A-41A-42C\_n79A  DC\_1A-41C-42A\_n79A  DC\_1A-41C-42C\_n79A | DC\_1A\_n79A  DC\_41A\_n79A |
| DC\_1A-42A\_n77A-n79A  DC\_1A-42C\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A-42A\_n78A-n79A  DC\_1A-42C\_n78A-n79A | DC\_1A\_n78A  DC\_1A\_n79A |
| DC\_2A-7A-13A\_n66A  DC\_2A-7A-7A-13A\_n66A  DC\_2A-7C-13A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_13A\_n66A |
| DC\_2A-7A-66A\_n66A  DC\_2A-7C-66A\_n66A  DC\_2A-7A-7A-66A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-7A-66A\_n78A  DC\_2A-7C-66A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_2A-7A\_n66A-n78A  DC\_2A-7A-7A\_n66A-n78A | DC\_2A\_n66A  DC\_2A\_n78A  DC\_7A\_n66A  DC\_7A\_n78A |
| DC\_2A-7A-66A\_n78(2A)  DC\_2A-7A-7A-66A\_n78A  DC\_2A-7A-7A-66A\_n78(2A)  DC\_2A-7C-66A\_n78(2A)  DC\_2A-7A-66A-66A\_n78A  DC\_2A-7A-66A-66A\_n78(2A)  DC\_2A-7A-7A-66A-66A\_n78A  DC\_2A-7A-7A-66A-66A\_n78(2A)  DC\_2A-7C-66A-66A\_n78A  DC\_2A-7C-66A-66A\_n78(2A) | DC\_2A\_n78A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_2A-12A-30A\_n2A | DC\_12A\_n2A  DC\_30A\_n2A |
| DC\_2A-12A-30A\_n66A  DC\_2A-2A-12A-30A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A  DC\_30A\_n66A |
| DC\_2A-12A-66A\_n2A | DC\_12A\_n2A  DC\_66A\_n2A |
| DC\_2A-12A-66A-66A\_n2A | DC\_12A\_n2A  DC\_66A\_n2A |
| DC\_2A-12A-66A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-2A-12A-66A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-13A-66A\_n66A | DC\_2A\_n66A  DC\_13A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-30A-66A\_n5A  DC\_2A-2A-30A-66A\_n5A  DC\_2A-30A-66A-66A\_n5A | DC\_2A\_n5A  DC\_30A\_n5A  DC\_66A\_n5A |
| DC\_2A-30A-66A\_n66A | DC\_2A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-46A\_n41A-n66A  DC\_2A-46C\_n41A-n66A  DC\_2A-46D\_n41A-n66A | DC\_2A\_n41A  DC\_2A\_n66A |
| DC\_2A-46A\_n41A-n71A  DC\_2A-46C\_n41A-n71A  DC\_2A-46D\_n41A-n71A | DC\_2A\_n41A  DC\_2A\_n71A |
| DC\_2A-46A-66A\_n41A  DC\_2A-46C-66A\_n41A  DC\_2A-46D-66A\_n41A | DC\_2A\_n41A  DC\_66A\_n41A |
| DC\_2A-46A-66A\_n71A  DC\_2A-46C-66A\_n71A  DC\_2A-46D-66A\_n71A | DC\_2A\_n71A  DC\_66A\_n71A |
| DC\_2A-7A\_n38A-n78A  DC\_2A-7A-7A\_n38A-n78A  DC\_2A-7C\_n38A-n78A | DC\_2A\_n78A |
| DC\_2A-66A-(n)71AA  DC\_2A-66C-(n)71AA | DC\_2A\_n71A  DC\_66A\_n71A  DC\_(n)71AA |
| DC\_2A-66A\_n41A-n71A  DC\_2A-66A\_n41C-n71A | DC\_2A\_n41A  DC\_2A\_n71A  DC\_66A\_n41A  DC\_66A\_n71A |
| DC\_2A-66A\_n41(2A)-n71A | DC\_2A\_n41A  DC\_2A\_n71A  DC\_66A\_n41A  DC\_66A\_n71A |
| DC\_2A-66A\_n66A-n78A | DC\_2A\_n66A  DC\_2A\_n78A  DC\_66A\_n66A4 |
| DC\_3A-5A-7A\_n78A  DC\_3A-5A-7A-7A\_n78A | DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_3A-7A\_n1A-n78A  DC\_3C-7A\_n1A-n78A  DC\_3A-3A-7A\_n1A-n78A  DC\_3A-7A-7A\_n1A-n78A  DC\_3A-3A-7A-7A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A |
| DC\_3A-7C\_n1A-n78A  DC\_3C-7C\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_7C\_n1A  DC\_7C\_n78A |
| DC\_3A-5A-41A\_n79A | DC\_3A\_n79A  DC\_5A\_n79A  DC\_41A\_n79A |
| DC\_3A-7A\_n5A-n78A  DC\_3A-7C\_n5A-n78A  DC\_3C-7A\_n5A-n78A  DC\_3C-7C\_n5A-n78A | DC\_3A\_n5A  DC\_3C\_n5A DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n5A  DC\_7C\_n5A DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_3A-7A-8A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_8A\_n1A |
| DC\_3A-3A-7A-8A\_n1A  DC\_3A-7A-7A-8A\_n1A  DC\_3A-3A-7A-7A-8A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_8A\_n1A |
| DC\_3A-7A-8A\_n78A | DC\_3A\_n78A,  DC\_7A\_n78A,  DC\_8A\_n78A |
| DC\_3A-3A-7A-8A\_n78A  DC\_3A-7A-7A-8A\_n78A  DC\_3A-3A-7A-7A-8A\_n78A | DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_3A-7A-20A\_n1A  DC\_3C-7A-20A\_n1A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_7A\_n1A  DC\_20A\_n1A |
| DC\_3A-7A-20A\_n28A3 | DC\_3A\_n28A  DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_3A-7A-20A\_n78A2  DC\_3C-7A-20A\_n78A2 | DC\_3A\_n78A  DC\_20A\_n78A  DC\_7A\_n78A |
| DC\_3A-7A-28A\_n5A  DC\_3A-7C-28A\_n5A  DC\_3C-7A-28A\_n5A  DC\_3C-7C-28A\_n5A | DC\_3A\_n5A  DC\_3C\_n5A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_28A\_n5A |
| DC\_3A-7A-28A\_n7A DC\_3C-7A-28A\_n7A | DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_3A-3A-7A-28A\_n7A | DC\_3A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_3A-7A-28A\_n78A2  DC\_3A-7C-28A\_n78A2  DC\_3C-7A-28A\_n78A  DC\_3C-7C-28A\_n78A | DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n78A |
| DC\_3A-7A\_n28A-n78A2  DC\_3A-7C\_n28A-n78A  DC\_3C-7A\_n28A-n78A  DC\_3C-7C\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n28A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_7C\_n28A  DC\_7C\_n78A |
| DC\_3A-7A-40A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_40A\_n1A |
| DC\_3A-7A\_SUL\_n78A-n80A  DC\_3C-7A\_SUL\_n78A-n80A | DC\_3A\_n78A  DC\_3A\_n80A\_ULSUP-TDM\_n78A  DC\_3A\_n80A\_ULSUP-FDM\_n78A  DC\_7A\_n78A  DC\_7A\_n80A |
| DC\_3A-8A\_n1A-n78A  DC\_3A-3A-8A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A |
| DC\_3A-8A-20A\_n78A | DC\_3A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A |
| DC\_3A-8A-42A\_n77A  DC\_3A-8A-42C\_n77A | DC\_3A\_n77A  DC\_8A\_n77A |
| DC\_3A-8A\_SUL\_n78A-n80A | DC\_3A\_n78A  DC\_3A\_n80A\_ULSUP-TDM\_n78A  DC\_3A\_n80A\_ULSUP-FDM\_n78A  DC\_8A\_n78A  DC\_8A\_n80A |
| DC\_3A-18A-42A\_n77A  DC\_3A-18A-42C\_n77A | DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_3A-18A-42A\_n78A  DC\_3A-18A-42C\_n78A | DC\_3A\_n78A  DC\_18A\_n78A |
| DC\_3A-18A-42A\_n79A  DC\_3A-18A-42C\_n79A | DC\_3A\_n79A  DC\_18A\_n79A |
| DC\_3A-19A-21A\_n77A2  DC\_3A-19A-21A\_n77C2 | DC\_3A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_3A-19A-21A\_n78A2  DC\_3A-19A-21A\_n78C2 | DC\_3A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_3A-19A-21A\_n79A2  DC\_3A-19A-21A\_n79C2 | DC\_3A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_3A-19A-42A\_n77A  DC\_3A-19A-42A\_n77C  DC\_3A-19A-42C\_n77A  DC\_3A-19A-42C\_n77C  DC\_3A-19A-42D\_n77A  DC\_3A-19A-42D\_n77C | DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_3A-19A-42A\_n78A  DC\_3A-19A-42A\_n78C  DC\_3A-19A-42C\_n78A  DC\_3A-19A-42C\_n78C  DC\_3A-19A-42D\_n78A  DC\_3A-19A-42D\_n78C | DC\_3A\_n78A  DC\_19A\_n78A |
| DC\_3A-19A-42A\_n79A2  DC\_3A-19A-42A\_n79C2  DC\_3A-19A-42C\_n79A2  DC\_3A-19A-42C\_n79C2  DC\_3A-19A-42D\_n79A  DC\_3A-19A-42D\_n79C | DC\_3A\_n79A  DC\_19A\_n79A |
| DC\_3A-19A\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_3A-19A\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_3A-20A\_n1A-n28A | DC\_3A\_n1A  DC\_3A\_n28A  DC\_20A\_n1A  DC\_20A\_n28A |
| DC\_3C-20A\_n1A-n28A | DC\_3A\_n1A  DC\_3A\_n28A  DC\_20A\_n1A  DC\_3C\_n1A  DC\_3C\_n28A  DC\_20A\_n28A |
| DC\_3A-20A\_n28A-n78A2,3  DC\_3C-20A\_n28A-n78A2,3 | DC\_3A\_n28A  DC\_3A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_3A-20A-38A\_n78A | DC\_3A\_n78A |
| DC\_3A\_20A\_SUL\_n78A-n80A  DC\_3C\_20A\_SUL\_n78A-n80A | DC\_3A\_n78A  DC\_3A\_n80A\_ULSUP-TDM\_n78A  DC\_3A\_n80A\_ULSUP-FDM\_n78A  DC\_20A\_n78A  DC\_20A\_n80A |
| DC\_3A-21A-42A\_n77A  DC\_3A-21A-42A\_n77C  DC\_3A-21A-42C\_n77A  DC\_3A-21A-42C\_n77C  DC\_3A-21A-42D\_n77A  DC\_3A-21A-42D\_n77C | DC\_3A\_n77A  DC\_21A\_n77A |
| DC\_3A-21A-42A\_n78A  DC\_3A-21A-42A\_n78C  DC\_3A-21A-42C\_n78A  DC\_3A-21A-42C\_n78C  DC\_3A-21A-42D\_n78A  DC\_3A-21A-42D\_n78C | DC\_3A\_n78A  DC\_21A\_n78A |
| DC\_3A-21A-42A\_n79A  DC\_3A-21A-42A\_n79C  DC\_3A-21A-42C\_n79A  DC\_3A-21A-42C\_n79C  DC\_3A-21A-42D\_n79A  DC\_3A-21A-42D\_n79C | DC\_3A\_n79A  DC\_21A\_n79A |
| DC\_3A-21A\_n77A-n79A | DC\_3A\_n77A  DC\_3A\_n79A  DC\_21A\_n77A  DC\_21A\_n79A |
| DC\_3A-21A\_n78A-n79A | DC\_3A\_n78A  DC\_3A\_n79A  DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_3A-28A\_n5A-n78A  DC\_3C-28A\_n5A-n78A | DC\_3A\_n5A  DC\_3C\_n5A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_3A-28A\_n7A-n78A  DC\_3A-3A-28A\_n7A-n78A | DC\_3A-n7A  DC\_28A\_n7A  DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_3A-28A\_n7B-n78A  DC\_3A-3A-28A\_n7B-n78A | DC\_3A-n7A  DC\_3A-n7B  DC\_28A\_n7A  DC\_28A\_n7B  DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_3C-28A\_n7A-n78A | DC\_3A-n7A  DC\_3C-n7A  DC\_28A\_n7A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n78A |
| DC\_3C-28A\_n7B-n78A | DC\_3A-n7A  DC\_3C-n7A  DC\_3A-n7B  DC\_3C-n7B  DC\_28A\_n7A  DC\_28A\_n7B  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n78A |
| DC\_3A-28A-41A\_n78A  DC\_3A-28A-41C\_n78A | DC\_3A\_n78A  DC\_28A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_3A-28A-42A\_n77A  DC\_3A-28A-42C\_n77A | DC\_3A\_n77A  DC\_28A\_n77A |
| DC\_3A-28A-42A\_n78A  DC\_3A-28A-42C\_n78A | DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_3A-28A-42A\_n79A  DC\_3A-28A-42C\_n79A | DC\_3A\_n79A  DC\_28A\_n79A |
| DC\_3A-41A-42A\_n77A  DC\_3A-41A-42C\_n77A  DC\_3A-41C-42A\_n77A  DC\_3A-41C-42C\_n77A | DC\_3A\_n77A  DC\_41A\_n77A |
| DC\_3A-41A-42A\_n78A  DC\_3A-41A-42C\_n78A  DC\_3A-41C-42A\_n78A  DC\_3A-41C-42C\_n78A | DC\_3A\_n78A  DC\_41A\_n78A |
| DC\_3A-41A-42A\_n79A  DC\_3A-41A-42C\_n79A  DC\_3A-41C-42A\_n79A  DC\_3A-41C-42C\_n79A | DC\_3A\_n79A  DC\_41A\_n79A |
| DC\_3A-42A\_n77A-n79A  DC\_3A-42C\_n77A-n79A | DC\_3A\_n77A  DC\_3A\_n79A |
| DC\_3A-42A\_n78A-n79A  DC\_3A-42C\_n78A-n79A | DC\_3A\_n78A  DC\_3A\_n79A |
| DC\_7A-8A\_n1A-n78A  DC\_7A-7A-8A\_n1A-n78A | DC\_7A\_n1A  DC\_7A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A |
| DC\_7A-13A-66A\_n66A  DC\_7C-13A-66A\_n66A | DC\_7A\_n66A  DC\_13A\_n66A  DC\_66A\_n66A4 |
| DC\_7A-20A\_n3A-n78A | DC\_7A\_n3A  DC\_20A\_n3A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_7A-20A\_n28A-n78A2,3 | DC\_7A\_n28A  DC\_7A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_7A-28A\_n3A-n78A | DC\_7A-n3A  DC\_28A\_n3A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_7C-28A\_n3A-n78A | DC\_7A-n3A  DC\_7C-n3A  DC\_28A\_n3A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n78A |
| DC\_7A-28A\_n5A-n78A  DC\_7C-28A\_n5A-n78A | DC\_7A\_n5A  DC\_7C\_n5A DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n5A DC\_28A\_n78A |
| DC\_7A-66A\_n66A-n78A  DC\_7A-7A-66A\_n66A-n78A | DC\_7A\_n66A  DC\_7A\_n78A  DC\_66A\_n66A4  DC\_66A\_n78A |
| DC\_12A-30A-66A\_n2A  DC\_12A-30A-66A-66A\_n2A | DC\_12A\_n2A  DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_12A-30A-66A\_n66A | DC\_12A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_19A-21A-42A\_n77A  DC\_19A-21A-42A\_n77C  DC\_19A-21A-42C\_n77A  DC\_19A-21A-42C\_n77C | DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_19A-21A-42A\_n78A  DC\_19A-21A-42A\_n78C  DC\_19A-21A-42C\_n78A  DC\_19A-21A-42C\_n78C | DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_19A-21A-42A\_n79A  DC\_19A-21A-42A\_n79C  DC\_19A-21A-42C\_n79A  DC\_19A-21A-42C\_n79C | DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_19A-21A\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A-21A\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_19A-42A\_n77A-n79A  DC\_19A-42C\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A-42A\_n78A-n79A  DC\_19A-42C\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_21A-28A-42A\_n77A  DC\_21A-28A-42C\_n77A | DC\_21A\_n77A  DC\_28A\_n77A |
| DC\_21A-28A-42A\_n78A  DC\_21A-28A-42C\_n78A | DC\_21A\_n78A  DC\_28A\_n78A |
| DC\_21A-28A-42A\_n79A  DC\_21A-28A-42C\_n79A | DC\_21A\_n79A  DC\_28A\_n79A |
| DC\_21A-42A\_n77A-n79A  DC\_21A-42C\_n77A-n79A | DC\_21A\_n77A  DC\_21A\_n79A |
| DC\_21A-42A\_n78A-n79A  DC\_21A-42C\_n78A-n79A | DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_28A-41A-42A\_n78A  DC\_28A-41C-42A\_n78A  DC\_28A-41A-42C\_n78A  DC\_28A-41C-42C\_n78A | DC\_28A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A  DC\_42A\_n78A  DC\_42C\_n78A |
| DC\_46A-66A\_n25A-n41A  DC\_46C-66A\_n25A-n41A  DC\_46D-66A\_n25A-n41A | DC\_66A\_n25A  DC\_66A\_n41A |
| DC\_46A-66A\_n41A-n71A  DC\_46C-66A\_n41A-n71A  DC\_46D-66A\_n41A-n71A | DC\_66A\_n41A  DC\_66A\_n71A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  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.  NOTE 4: Only single switched UL is supported | |

#### 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) |
| --- | --- |
| DC\_1A-3A-5A-7A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-5A-7A-7A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-5A-41A\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_5A\_n79A  DC\_41A\_n79A |
| DC\_1A-3A-7A\_n5A-n78A  DC\_1A-3C-7A\_n5A-n78A  DC\_1A-3A-7C\_n5A-n78A  DC\_1A-3C-7C\_n5A-n78A | DC\_1A\_n5A DC\_1A\_n78A  DC\_3A\_n5A  DC\_3C\_n5A DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n5A  DC\_7C\_n5A DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-3C-7A\_n5A-n78A | DC\_3A\_n5A  DC\_3A\_n78A |
| DC\_1A-3A-7C\_n5A-n78A | DC\_7A\_n5A  DC\_7A\_n78A |
| DC\_1A-3C-7C\_n5A-n78A | DC\_3A\_n5A  DC\_3A\_n78A  DC\_7A\_n5A  DC\_7A\_n78A |
| DC\_1A-3A-7A-8A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_1A-3A-7A-20A\_n28A3 | DC\_1A\_n28A  DC\_3A\_n28A  DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_1A-3A-7A-20A\_n78A2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-7A-28A\_n5A  DC\_1A-3C-7A-28A\_n5A  DC\_1A-3A-7C-28A\_n5A  DC\_1A-3C-7C-28A\_n5A | DC\_1A\_n5A  DC\_3A\_n5A  DC\_3C\_n5A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_28A\_n5A |
| DC\_1A-3A-7A-28A\_n7A  DC\_1A-3C-7A-28A\_n7A  DC\_1A-1A-3A-7A-28A\_n7A  DC\_1A-1A-3A-3A-7A-28A\_n7A  DC\_1A-3A-3A-7A-28A\_n7A  DC\_1A-1A-3C-7A-28A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_1A-3A-7A-28A\_n78A  DC\_1A-3A-7C-28A\_n78A  DC\_1A-3C-7A-28A\_n78A  DC\_1A-3C-7C-28A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-7A\_n28A-n78A2  DC\_1A-3A-7C\_n28A-n78A  DC\_1A-3C-7A\_n28A-n78A  DC\_1A-3C-7C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3C\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_7C\_n28A  DC\_7C\_n78A |
| DC\_1A-3A-8A-42A\_n77A  DC\_1A-3A-8A-42C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_8A\_n77A |
| DC\_1A-3A-18A-42A\_n77A  DC\_1A-3A-18A-42C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_1A-3A-18A-42A\_n78A  DC\_1A-3A-18A-42C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_18A\_n78A |
| DC\_1A-3A-18A-42A\_n79A  DC\_1A-3A-18A-42C\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_18A\_n79A |
| DC\_1A-3A-19A-21A\_n77A2  DC\_1A-3A-19A-21A\_n77C2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_1A-3A-19A-21A\_n78A2  DC\_1A-3A-19A-21A\_n78C2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_1A-3A-19A-21A\_n79A2  DC\_1A-3A-19A-21A\_n79C2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_1A-3A-19A-42A\_n77A  DC\_1A-3A-19A-42A\_n77C  DC\_1A-3A-19A-42C\_n77A  DC\_1A-3A-19A-42C\_n77C | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_1A-3A-19A-42A\_n78A  DC\_1A-3A-19A-42A\_n78C  DC\_1A-3A-19A-42C\_n78A  DC\_1A-3A-19A-42C\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A |
| DC\_1A-3A-19A-42A\_n79A  DC\_1A-3A-19A-42A\_n79C  DC\_1A-3A-19A-42C\_n79A  DC\_1A-3A-19A-42C\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A |
| DC\_1A-3A-20A\_n28A-n78A2,3 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_1A-3A-20A-38A\_n78A | DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-21A-42A\_n77A  DC\_1A-3A-21A-42A\_n77C  DC\_1A-3A-21A-42C\_n77A  DC\_1A-3A-21A-42C\_n77C | DC\_1A\_n77A  DC\_3A\_n77A  DC\_21A\_n77A |
| DC\_1A-3A-21A-42A\_n78A  DC\_1A-3A-21A-42A\_n78C  DC\_1A-3A-21A-42C\_n78A  DC\_1A-3A-21A-42C\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_21A\_n78A |
| DC\_1A-3A-21A-42A\_n79A  DC\_1A-3A-21A-42A\_n79C  DC\_1A-3A-21A-42C\_n79A  DC\_1A-3A-21A-42C\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_21A\_n79A |
| DC\_1A-3A-21A\_n77A-n79A | DC\_3A\_n77A  DC\_3A\_n79A |
| DC\_1A-3A-21A\_n78A-n79A | DC\_3A\_n78A  DC\_3A\_n79A |
| DC\_1A-3A-28A\_n5A-n78A  DC\_1A-3C-28A\_n5A-n78A | DC\_1A\_n5A DC\_1A\_n78A  DC\_3A\_n5A  DC\_3C\_n5A DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n5A DC\_28A\_n78A |
| DC\_1A-3C-28A\_n5A-n78A | DC\_3A\_n5A  DC\_3A\_n78A  DC\_28A\_n5A DC\_28A\_n78A |
| DC\_1A-3A-28A\_n7A-n78A | DC\_1A-n7A  DC\_3A-n7A  DC\_28A\_n7A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-28A\_n7B-n78A | DC\_1A-n7A  DC\_3A-n7A  DC\_28A\_n7A  DC\_1A-n7B  DC\_3A-n7B  DC\_28A\_n7B  DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_1A-3C-28A\_n7A-n78A | DC\_1A-n7A  DC\_3A-n7A  DC\_3C-n7A  DC\_28A\_n7A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n78A |
| DC\_1A-3C-28A\_n7B-n78A | DC\_1A-n7A  DC\_3A-n7A  DC\_3C-n7A  DC\_28A\_n7A  DC\_1A-n7B  DC\_3A-n7B  DC\_3C-n7B  DC\_28A\_n7B  DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-28A-42A\_n77A  DC\_1A-3A-28A-42A\_n77C  DC\_1A-3A-28A-42C\_n77A  DC\_1A-3A-28A-42C\_n77C | DC\_1A\_n77A  DC\_3A\_n77A  DC\_28A\_n77A |
| DC\_1A-3A-28A-42A\_n78A  DC\_1A-3A-28A-42A\_n78C  DC\_1A-3A-28A-42C\_n78A  DC\_1A-3A-28A-42C\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-28A-42A\_n79A  DC\_1A-3A-28A-42A\_n79C  DC\_1A-3A-28A-42C\_n79A  DC\_1A-3A-28A-42C\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_28A\_n79A |
| DC\_1A-3A-41A-42A\_n77A  DC\_1A-3A-41A-42C\_n77A  DC\_1A-3A-41C-42A\_n77A  DC\_1A-3A-41C-42C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_41A\_n77A |
| DC\_1A-3A-41A-42A\_n78A  DC\_1A-3A-41A-42C\_n78A  DC\_1A-3A-41C-42A\_n78A  DC\_1A-3A-41C-42C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_41A\_n78A |
| DC\_1A-3A-41A-42A\_n79A  DC\_1A-3A-41A-42C\_n79A  DC\_1A-3A-41C-42A\_n79A  DC\_1A-3A-41C-42C\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_41A\_n79A |
| DC\_1A-7A-20A\_n3A-n78A | DC\_1A\_n3A |
| DC\_1A-7A-28A\_n5A-n78A  DC\_1A-7C-28A\_n5A-n78A | DC\_1A\_n5A DC\_1A\_n78A  DC\_7A\_n5A  DC\_7C\_n5ADC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_1A-7A-20A\_n28A-n78A2,3 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_1A-19A-21A-42A\_n77A  DC\_1A-19A-21A-42A\_n77C  DC\_1A-19A-21A-42C\_n77A  DC\_1A-19A-21A-42C\_n77C | DC\_1A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_1A-19A-21A-42A\_n78A  DC\_1A-19A-21A-42A\_n78C  DC\_1A-19A-21A-42C\_n78A  DC\_1A-19A-21A-42C\_n78C | DC\_1A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_1A-19A-21A-42A\_n79A  DC\_1A-19A-21A-42A\_n79C  DC\_1A-19A-21A-42C\_n79A  DC\_1A-19A-21A-42C\_n79C | DC\_1A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_1A-19A-42A\_n77A-n79A  DC\_1A-19A-42C\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_1A-19A-42A\_n78A-n79A  DC\_1A-19A-42C\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_1A-20A-38A\_n3A-n78A | DC\_1A\_n3A  DC\_20A\_n3A  DC\_38A\_n3A  DC\_1A\_n78A  DC\_20A\_n78A  DC\_38A\_n78A |
| DC\_1A-21A-28A-42A\_n77A  DC\_1A-21A-28A-42C\_n77A | DC\_1A\_n77A  DC\_21A\_n77A  DC\_28A\_n77A |
| DC\_1A-21A-28A-42A\_n78A  DC\_1A-21A-28A-42C\_n78A | DC\_1A\_n78A  DC\_21A\_n78A  DC\_28A\_n78A |
| DC\_1A-21A-28A-42A\_n79A  DC\_1A-21A-28A-42C\_n79A | DC\_1A\_n79A  DC\_21A\_n79A  DC\_28A\_n79A |
| DC\_1A-21A-42A\_n77A-n79A  DC\_1A-21A-42C\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A-21A-42A\_n78A-n79A  DC\_1A-21A-42C\_n78A-n79A | DC\_1A\_n78A  DC\_1A\_n79A |
| DC\_2A-7A-13A-66A\_n66A  DC\_2A-7C-13A-66A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_13A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-7A-66A\_n66A-n78A  DC\_2A-7A-7A-66A\_n66A-n78A | DC\_2A\_n66A  DC\_2A\_n78A  DC\_7A\_n66A  DC\_7A\_n78A  DC\_66A\_n66A4  DC\_66A\_n78A |
| DC\_2A-12A-30A-66A\_n2A | DC\_12A\_n2A  DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_2A-12A-30A-66A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-46A-66A\_n41A-n71A  DC\_2A-46C-66A\_n41A-n71A  DC\_2A-46D-66A\_n41A-n71A | DC\_2A\_n41A  DC\_2A\_n71A  DC\_66A\_n41A  DC\_66A\_n71A |
| DC\_3A-7A-8A\_n1A-n78A  DC\_3A-3A-7A-8A\_n1A-n78A  DC\_3A-7A-7A-8A\_n1A-n78A  DC\_3A-3A-7A-7A-8A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A |
| DC\_3A-7A-20A\_n28A-n78A2,3 | DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_3A-7A-28A\_n5A-n78A  DC\_3C-7A-28A\_n5A-n78A  DC\_3A-7C-28A\_n5A-n78A  DC\_3C-7C-28A\_n5A-n78A | DC\_3A\_n5A  DC\_3C\_n5A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_3A-19A-21A-42A\_n77A  DC\_3A-19A-21A-42A\_n77C  DC\_3A-19A-21A-42C\_n77A  DC\_3A-19A-21A-42C\_n77C | DC\_3A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_3A-19A-21A-42A\_n78A  DC\_3A-19A-21A-42A\_n78C  DC\_3A-19A-21A-42C\_n78A  DC\_3A-19A-21A-42C\_n78C | DC\_3A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_3A-19A-21A-42A\_n79A  DC\_3A-19A-21A-42A\_n79C  DC\_3A-19A-21A-42C\_n79A  DC\_3A-19A-21A-42C\_n79C | DC\_3A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_3A-28A-41A-42A\_n78A  DC\_3A-28A-41A-42C\_n78A  DC\_3A-28A-41C-42A\_n78A  DC\_3A-28A-41C-42C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_19A-21A-42A\_n77A-n79A  DC\_19A-21A-42C\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A-21A-42A\_n78A-n79A  DC\_19A-21A-42C\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  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  NOTE 4: Only single switched UL is supported | |

#### 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) |
| DC\_1A-3A-7A-20A\_n28A-n78A2,3 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_1A-3A-7A-28A\_n5A-n78A  DC\_1A-3A-7C-28A\_n5A-n78A  DC\_1A-3C-7A-28A\_n5A-n78A  DC\_1A-3C-7C-28A\_n5A-n78A | DC\_1A\_n5A DC\_1A\_n78A  DC\_3A\_n5A DC\_3C\_n5A DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n5A DC\_7C\_n5A DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n5A DC\_28A\_n78A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  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 | |

### 5.5B.4a Inter-band NE-DC within FR1

#### 5.5B.4a.1 Inter-band NE-DC configurations within FR1 (two bands)

Table 5.5B.4a.1-1: Inter-band NE-DC configurations within FR1 (two bands)

|  |  |  |
| --- | --- | --- |
| NE-DC  configuration | Uplink NE-DC  configuration  (NOTE 1) | Single UL allowed |
| DC\_n1A\_28A | DC\_n1A\_28A | No |
| NOTE 1: Uplink NE-DC configurations are the configurations supported by the present release of specifications. | | |

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

#### 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) |
| DC\_1A\_n257A  DC\_1A\_n257D DC\_1A\_n257E DC\_1A\_n257F  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n257J  DC\_1A\_n257K  DC\_1A\_n257L  DC\_1A\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n257J  DC\_1A\_n257K  DC\_1A\_n257L  DC\_1A\_n257M |
| DC\_1A\_n258A  DC\_1A\_n258D | DC\_1A\_n258A  DC\_1A\_n258D |
| DC\_2A\_n257A  DC\_2C\_n257A | DC\_2A\_n257A |
| DC\_2A\_n257(2A) | DC\_2A\_n257A |
| DC\_2A-2A\_n257A | DC\_2A\_n257A |
| DC\_2A\_n258A | DC\_2A\_n258A |
| DC\_2A\_n258(2A)  DC\_2A\_n258(3A)  DC\_2A\_n258(4A)  DC\_2A\_n258(5A) | DC\_2A\_n258A |
| 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\_n260O  DC\_2A\_n260P  DC\_2A\_n260Q  DC\_2C\_n260A | DC\_2A\_n260A  DC\_2A\_n260G  DC\_2A\_n260H  DC\_2A\_n260O  DC\_2A\_n260P  DC\_2A\_n260Q |
| DC\_2A\_n260(2A)  DC\_2A\_n260(3A)  DC\_2A\_n260(4A)  DC\_2A\_n260(5A)  DC\_2A\_n260(6A)  DC\_2A\_n260(7A)  DC\_2A\_n260(8A)  DC\_2A\_n260(2D)  DC\_2A\_n260(2G)  DC\_2A\_n260(3G)  DC\_2A\_n260(4G)  DC\_2A\_n260(2H)  DC\_2A\_n260(2O)  DC\_2A\_n260(3O)  DC\_2A\_n260(4O)  DC\_2A\_n260(A-G)  DC\_2A\_n260(A-H)  DC\_2A\_n260(A-P)  DC\_2A\_n260(A-Q)  DC\_2A\_n260(A-2G)  DC\_2A\_n260(A-2H)  DC\_2A\_n260(2A-G)  DC\_2A\_n260(2A-H)  DC\_2A\_n260(2A-2G)  DC\_2A\_n260(2A-2H)  DC\_2A\_n260(3A-G)  DC\_2A\_n260(3A-O)  DC\_2A\_n260(3A-2O)  DC\_2A\_n260(3A-P)  DC\_2A\_n260(4A-O)  DC\_2A\_n260(4A-2O)  DC\_2A\_n260(G-H)  DC\_2A\_n260(P-Q)  DC\_2A\_n260(A-P-Q)  DC\_2A\_n260(2A-O-P)  DC\_2A\_n260(3A-O-P) | DC\_2A\_n260A  DC\_2A\_n260G  DC\_2A\_n260H  DC\_2A\_n260O  DC\_2A\_n260P  DC\_2A\_n260Q |
| 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 |
| DC\_2A\_n261A  DC\_2A\_n261(2A)  DC\_2A\_n261(3A)  DC\_2A\_n261(4A) | DC\_2A\_n261A |
| DC\_2A\_n261G  DC\_2A\_n261H  DC\_2A\_n261I  DC\_2A\_n261J  DC\_2A\_n261K  DC\_2A\_n261L  DC\_2A\_n261M | DC\_2A\_n261A  DC\_2A\_n261G  DC\_2A\_n261H  DC\_2A\_n261I |
| DC\_2A\_n261(2I)  DC\_2A\_n261(2H)  DC\_2A\_n261(A-G)  DC\_2A\_n261(A-J)  DC\_2A\_n261(A-K)  DC\_2A\_n261(A-2G)  DC\_2A\_n261(A-H)  DC\_2A\_n261(A-I)  DC\_2A\_n261(2A-G)  DC\_2A\_n261(2A-I)  DC\_2A\_n261(2A-H)  DC\_2A\_n261(3A-G)  DC\_2A\_n261(G-H)  DC\_2A\_n261(G-I)  DC\_2A\_n261(G-J)  DC\_2A\_n261(2G)  DC\_2A\_n261(H-I)  DC\_2A\_n261(A-G-H)  DC\_2A\_n261(A-G-I) | DC\_2A\_n261A  DC\_2A\_n261G  DC\_2A\_n261H  DC\_2A\_n261I |
| DC\_3A\_n257A  DC\_3A\_n257B  DC\_3A\_n257C  DC\_3A\_n257D  DC\_3A\_n257E  DC\_3A\_n257F  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_3C\_n257A  DC\_3C\_n257D  DC\_3C\_n257E  DC\_3C\_n257F  DC\_3C\_n257G  DC\_3C\_n257H  DC\_3C\_n257I  DC\_3C\_n257J  DC\_3C\_n257K  DC\_3C\_n257L  DC\_3C\_n257M | DC\_3A\_n257A  DC\_3A\_n257B  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_3C\_n257A |
| DC\_3A\_n258A  DC\_3A\_n258B  DC\_3A\_n258C  DC\_3A\_n258D  DC\_3A\_n258E  DC\_3A\_n258F  DC\_3A\_n258G  DC\_3A\_n258H  DC\_3A\_n258I  DC\_3A\_n258J  DC\_3A\_n258K  DC\_3A\_n258L  DC\_3A\_n258M | DC\_3A\_n258A |
| DC\_3A-3A\_n257A  DC\_3A-3A\_n257D  DC\_3A-3A\_n257E  DC\_3A-3A\_n257F  DC\_3A-3A\_n257G  DC\_3A-3A\_n257H  DC\_3A-3A\_n257I  DC\_3A-3A\_n257J  DC\_3A-3A\_n257K  DC\_3A-3A\_n257L  DC\_3A-3A\_n257M | DC\_3A\_n257A |
| DC\_4A\_n260(2A)  DC\_4A\_n260(3A)  DC\_4A\_n260(4A)  DC\_4A\_n260(5A)  DC\_4A\_n260(6A)  DC\_4A\_n260(7A)  DC\_4A\_n260(8A)  DC\_4A\_n260(2D)  DC\_4A\_n260(2G)  DC\_4A\_n260(3G)  DC\_4A\_n260(4G)  DC\_4A\_n260(2H)  DC\_4A\_n260(2O)  DC\_4A\_n260(3O)  DC\_4A\_n260(4O)  DC\_4A\_n260(A-D)  DC\_4A\_n260(2A-D)  DC\_4A\_n260(A-O)  DC\_4A\_n260(2A-O)  DC\_4A\_n260(A-D-O)  DC\_4A\_n260(2A-D-O)  DC\_4A\_n260(A-2O)  DC\_4A\_n260(D-2O)  DC\_4A\_n260(A-D-2O)  DC\_4A\_n260(2A-D-2O)  DC\_4A\_n260(A-2D)  DC\_4A\_n260(2A-2D)  DC\_4A\_n260(A-P)  DC\_4A\_n260(2A-P)  DC\_4A\_n260(A-2P)  DC\_4A\_n260(2A-2P)  DC\_4A\_n260(A-G)  DC\_4A\_n260(2A-G)  DC\_4A\_n260(A-2G)  DC\_4A\_n260(2A-2G)  DC\_4A\_n260(G-O)  DC\_4A\_n260(2G-O)  DC\_4A\_n260(A-G-O)  DC\_4A\_n260(2A-G-O)  DC\_4A\_n260(A-2G-O)  DC\_4A\_n260(2A-2G-O)  DC\_4A\_n260(A-H)  DC\_4A\_n260(A-2H)  DC\_4A\_n260(2A-H)  DC\_4A\_n260(2A-2H)  DC\_4A\_n260(2A-2O)  DC\_4A\_n260(A-3O)  DC\_4A\_n260(2A-3O)  DC\_4A\_n260(A-4O)  DC\_4A\_n260(2A-4O)  DC\_4A\_n260(3A-O)  DC\_4A\_n260(3A-2O)  DC\_4A\_n260(3A-3O)  DC\_4A\_n260(3A-G)  DC\_4A\_n260(3A-2G)  DC\_4A\_n260(4A-G)  DC\_4A\_n260(4A-2G)  DC\_4A\_n260(4A-O)  DC\_4A\_n260(4A-2O)  DC\_4A\_n260(D-2G)  DC\_4A\_n260(2D-O)  DC\_4A\_n260(G-2O)  DC\_4A\_n260(2G-2O)  DC\_4A\_n260(G-3O)  DC\_4A\_n260(2G-3O)  DC\_4A\_n260(G-4O)  DC\_4A\_n260(2G-4O)  DC\_4A\_n260(3G-O)  DC\_4A\_n260(4G-O)  DC\_4A\_n260(H-O)  DC\_4A\_n260(2H-O)  DC\_4A\_n260(A-P-Q)  DC\_4A\_n260(3A-O-P) | DC\_4A\_n260A  DC\_4A\_n260G  DC\_4A\_n260H  DC\_4A\_n260O  DC\_4A\_n260P  DC\_4A\_n260Q |
| DC\_4A\_n260G  DC\_4A\_n260H  DC\_4A\_n260O  DC\_4A\_n260P  DC\_4A\_n260Q | DC\_4A\_n260A  DC\_4A\_n260G  DC\_4A\_n260H  DC\_4A\_n260O  DC\_4A\_n260P  DC\_4A\_n260Q |
| DC\_4A\_n261(2A)  DC\_4A\_n261(3A)  DC\_4A\_n261(4A)  DC\_4A\_n261(2H)  DC\_4A\_n261(2I)  DC\_4A\_n261(A-D)  DC\_4A\_n261(A-H)  DC\_4A\_n261(A-2H)  DC\_4A\_n261(A-D-H)  DC\_4A\_n261(A-G)  DC\_4A\_n261(A-G-H)  DC\_4A\_n261(A-I)  DC\_4A\_n261(A-2I)  DC\_4A\_n261(G-I)  DC\_4A\_n261(A-G-I)  DC\_4A\_n261(A-H-I)  DC\_4A\_n261(G-H)  DC\_4A\_n261(H-I)  DC\_4A\_n261(D-H) | DC\_4A\_n261A  DC\_4A\_n261H  DC\_4A\_n261I  DC\_4A\_n261G |
| DC\_4A\_n261A  DC\_4A\_n261D  DC\_4A\_n261G  DC\_4A\_n261H  DC\_4A\_n261I  DC\_4A\_n261L  DC\_4A\_n261M | DC\_4A\_n261A  DC\_4A\_n261G  DC\_4A\_n261H  DC\_4A\_n261I |
| DC\_4A\_n260A | DC\_4A\_n260A |
| DC\_4A\_n260(A-Q)  DC\_4A\_n260(P-Q)  DC\_4A\_n260(2A-O-P)  DC\_4A\_n260(3A-P)  DC\_4A\_n260(A-O-P) | DC\_4A\_n260A  DC\_4A\_n260G  DC\_4A\_n260H  DC\_4A\_n260O  DC\_4A\_n260P  DC\_4A\_n260Q |
| DC\_5A\_n257A  DC\_5A\_n257D  DC\_5A\_n257E  DC\_5A\_n257F  DC\_5A\_n257G  DC\_5A\_n257H  DC\_5A\_n257I  DC\_5A\_n257J  DC\_5A\_n257K  DC\_5A\_n257L  DC\_5A\_n257M  DC\_5B\_n257A | DC\_5A\_n257A  DC\_5B\_n257A |
| DC\_5A-5A\_n257A | DC\_5A\_n257A |
| DC\_5A\_n258A | DC\_5A\_n258A |
| 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\_5B\_n260A | DC\_5A\_n260A  DC\_5A\_n260G  DC\_5A\_n260H  DC\_5A\_n260O  DC\_5A\_n260P  DC\_5A\_n260Q  DC\_5B\_n260A |
| DC\_5A\_n260(2A)  DC\_5A\_n260(3A)  DC\_5A\_n260(4A)  DC\_5A\_260(5A)  DC\_5A\_260(6A)  DC\_5A\_260(7A)  DC\_5A\_260(8A)  DC\_5A\_260(9A)  DC\_5A\_260(10A)  DC\_5A\_n260(A-I)  DC\_5A\_n260(A-P-Q)  DC\_5A\_n260(3A-O-P)  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\_n260(2G)  DC\_5A\_n260(2H)  DC\_5A\_n260(2O)  DC\_5A\_n260(3O)  DC\_5A\_n260(4O)  DC\_5A\_n260(2P)  DC\_5A\_n260(3P)  DC\_5A\_n260(4P)  DC\_5A\_n260(2A-O)  DC\_5A\_n260(A-2O)  DC\_5A\_n260(2A-G)  DC\_5A\_n260(A-2G)  DC\_5A\_n260(2A-2G)  DC\_5A\_n260(2G-O)  DC\_5A\_n260(2A-2G-O)  DC\_5A\_n260(A-2H)  DC\_5A\_n260(2A-H)  DC\_5A\_n260(2A-2H)  DC\_5A\_n260(2A-2O)  DC\_5A\_n260(2A-3O)  DC\_5A\_n260(A-4O)  DC\_5A\_n260(2A-4O)  DC\_5A\_n260(3A-2O)  DC\_5A\_n260(3A-2G)  DC\_5A\_n260(4A-G)  DC\_5A\_n260(4A-2G)  DC\_5A\_n260(4A-O)  DC\_5A\_n260(4A-2O)  DC\_5A\_n260(A-O)  DC\_5A\_n260(A-G)  DC\_5A\_n260(G-O)  DC\_5A\_n260(A-G-O)  DC\_5A\_n260(2A-G-O)  DC\_5A\_n260(A-2G-O)  DC\_5A\_n260(A-H)  DC\_5A\_n260(A-3O)  DC\_5A\_n260(3A-O)  DC\_5A\_n260(3A-G)  DC\_5A\_n260(2D)  DC\_5A\_n260(3G)  DC\_5A\_n260(4G)  DC\_5A\_n260(A-D)  DC\_5A\_n260(2A-D)  DC\_5A\_n260(A-D-O)  DC\_5A\_n260(2A-D-O)  DC\_5A\_n260(D-2O)  DC\_5A\_n260(A-D-2O)  DC\_5A\_n260(2A-D-2O)  DC\_5A\_n260(A-2D)  DC\_5A\_n260(2A-2D)  DC\_5A\_n260(A-P)  DC\_5A\_n260(2A-P)  DC\_5A\_n260(A-2P)  DC\_5A\_n260(2A-2P)  DC\_5A\_n260(3A-3O)  DC\_5A\_n260(D-2G)  DC\_5A\_n260(2D-O)  DC\_5A\_n260(G-2O)  DC\_5A\_n260(2G-2O)  DC\_5A\_n260(G-3O)  DC\_5A\_n260(2G-3O)  DC\_5A\_n260(G-4O)  DC\_5A\_n260(2G-4O)  DC\_5A\_n260(3G-O)  DC\_5A\_n260(4G-O)  DC\_5A\_n260(H-O)  DC\_5A\_n260(2H-O)  DC\_5A\_n260(A-Q)  DC\_5A\_n260(P-Q)  DC\_5A-n260(2A-4O)  DC\_5A-n260(2A-4P)  DC\_5A-n260(2O-2P)  DC\_5A\_n260(3A-P)  DC\_5A-n260(4A-4O)  DC\_5A-n260(4A-2Q)  DC\_5A-n260(6A-2O)  DC\_5A-n260(6A-2P)  DC\_5A-n260(6A-3O)  DC\_5A-n260(8A-2O)  DC\_5A\_n260(2A-O-P)  DC\_5A-n260(2A-2G-2O)  DC\_5A-n260(2A-2O-2P)  DC\_5A-n260(2A-2O-2Q)  DC\_5A\_n260(O-P)  DC\_5A\_n260(A-O-P)  DC\_5A-5A\_n260A | DC\_5A\_n260A  DC\_5A\_n260G  DC\_5A\_n260H  DC\_5A\_n260O  DC\_5A\_n260P  DC\_5A\_n260Q |
| 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\_n261A  DC\_5A\_n261G  DC\_5A\_n261H  DC\_5A\_n261I |
| 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\_n261(2H)  DC\_5A\_n261(2I)  DC\_5A\_n261(A-H)  DC\_5A\_n261(A-I)  DC\_5A\_n261(A-D)  DC\_5A\_n261(A-D-H)  DC\_5A\_n261(A-D-2O)  DC\_5A\_n261(A-G)  DC\_5A\_n261(A-G-H)  DC\_5A\_n261(G-I)  DC\_5A\_n261(A-G-I)  DC\_5A\_n261(A-H-I)  DC\_5A\_n261(G-H)  DC\_5A\_n261(H-I)  DC\_5A-n261(A-2D)  DC\_5A-n261(A-2H)  DC\_5A-n261(A-2P)  DC\_5A-n261(A-2Q)  DC\_5A-n261(A-2I)  DC\_5A-n261(A-4G)  DC\_5A-n261(A-4O)  DC\_5A-n261(A-7O)  DC\_5A-n261(A-2G-2O)  DC\_5A-n261(A-3G-O) | DC\_5A\_n261A  DC\_5A\_n261G  DC\_5A\_n261H  DC\_5A\_n261I |
| DC\_7A\_n257A  DC\_7A\_n257D  DC\_7A\_n257E  DC\_7A\_n257F  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I  DC\_7A\_n257J  DC\_7A\_n257K  DC\_7A\_n257L  DC\_7A\_n257M | DC\_7A\_n257A |
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| DC\_8A\_n258A | DC\_8A\_n258A |
| DC\_11A\_n257A  DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I | DC\_11A\_n257A |
| DC\_12A\_n257A | DC\_12A\_n257A |
| DC\_12A\_n258A | DC\_12A\_n258A |
| 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\_n260A |
| DC\_12A\_n260(A-I)  DC\_12A\_n260(G-I) | DC\_12A\_n260A |
| DC\_12A\_n261A | DC\_12A\_n261A |
| DC\_13A\_n257A | DC\_13A\_n257A |
| DC\_13A\_n260A  DC\_13A\_n260G  DC\_13A\_n260H  DC\_13A\_n260I  DC\_13A\_n260J  DC\_13A\_n260K  DC\_13A\_n260L  DC\_13A\_n260M  DC\_13A\_n260O  DC\_13A\_n260P  DC\_13A\_n260Q | DC\_13A\_n260A  DC\_13A\_n260G  DC\_13A\_n260H  DC\_13A\_n260O  DC\_13A\_n260P  DC\_13A\_n260Q |
| DC\_13A\_n260(2A)  DC\_13A\_n260(3A)  DC\_13A\_n260(4A)  DC\_13A\_n260(5A)  DC\_13A\_n260(6A)  DC\_13A\_n260(7A)  DC\_13A\_n260(8A)  DC\_13A\_n260(2D)  DC\_13A\_n260(2G)  DC\_13A\_n260(3G)  DC\_13A\_n260(4G)  DC\_13A\_n260(2H)  DC\_13A\_n260(2O)  DC\_13A\_n260(3O)  DC\_13A\_n260(4O)  DC\_13A\_n260(A-G)  DC\_13A\_n260(A-2G)  DC\_13A\_n260(A-P)  DC\_13A\_n260(A-Q)  DC\_13A\_n260(2A-G)  DC\_13A\_n260(2A-H)  DC\_13A\_n260(2A-2G)  DC\_13A\_n260(2A-2H)  DC\_13A\_n260(3A-G)  DC\_13A\_n260(3A-O)  DC\_13A\_n260(3A-P)  DC\_13A\_n260(3A-2O)  DC\_13A\_n260(4A-O)  DC\_13A\_n260(4A-2O)  DC\_13A\_n260(P-Q)  DC\_13A\_n260(A-P-Q)  DC\_13A\_n260(2A-O-P)  DC\_13A\_n260(3A-O-P)  DC\_13A\_n260(A-H)  DC\_13A\_n260(A-2H)  DC\_13A\_n260(2A-O)  DC\_13A\_n260(A-O)  DC\_13A\_n260(2A-P)  DC\_13A\_n260(A-O-P)  DC\_13A\_n260(O-P)  DC\_13A\_n260(2A-2O)  DC\_13A\_n260(A-2O)  DC\_13A\_n260(G-H) | DC\_13A\_n260A  DC\_13A\_n260G  DC\_13A\_n260H  DC\_13A\_n260O  DC\_13A\_n260P  DC\_13A\_n260Q  DC\_13A\_n260(A-G) |
| DC\_13A\_n261A  DC\_13A\_n261G  DC\_13A\_n261H  DC\_13A\_n261J  DC\_13A\_n261K  DC\_13A\_n261I  DC\_13A\_n261L  DC\_13A\_n261M | DC\_13A\_n261A  DC\_13A\_n261G  DC\_13A\_n261H  DC\_13A\_n261I |
| DC\_13A\_n261(2A)  DC\_13A\_n261(2G)  DC\_13A\_n261(3A)  DC\_13A\_n261(4A)  DC\_13A\_n261(2H)  DC\_13A\_n261(2I)  DC\_13A\_n261(A-G)  DC\_13A\_n261(A-K)  DC\_13A\_n261(A-2G)  DC\_13A\_n261(A-H)  DC\_13A\_n261(A-I)  DC\_13A\_n261(A-J)  DC\_13A\_n261(2A-G)  DC\_13A\_n261(2A-H)  DC\_13A\_n261(2A-I)  DC\_13A\_n261(3A-G)  DC\_13A\_n261(G-H)  DC\_13A\_n261(G-I)  DC\_13A\_n261(G-J)  DC\_13A\_n261(H-I)  DC\_13A\_n261(A-G-H)  DC\_13A\_n261(A-G-I) | DC\_13A\_n261A  DC\_13A\_n261G  DC\_13A\_n261H  DC\_13A\_n261I |
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| DC\_20A\_n258A | DC\_20A\_n258A |
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| DC\_26A\_n257A | DC\_26A\_n257A |
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| DC\_28A\_n258A  DC\_28A\_n258B  DC\_28A\_n258C  DC\_28A\_n258D  DC\_28A\_n258E  DC\_28A\_n258F  DC\_28A\_n258G  DC\_28A\_n258H  DC\_28A\_n258I  DC\_28A\_n258J  DC\_28A\_n258K  DC\_28A\_n258L  DC\_28A\_n258M | DC\_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\_n260A |
| DC\_30A\_n260(A-I)  DC\_30A\_n260(G-I) | DC\_30A\_n260A |
| DC\_39A\_n258A | DC\_39A\_n258A |
| DC\_41A\_n257A  DC\_41A\_n257D  DC\_41A\_n257E  DC\_41A\_n257F  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41A\_n257J  DC\_41A\_n257K  DC\_41A\_n257L  DC\_41A\_n257M  DC\_41C\_n257A  DC\_41C\_n257D  DC\_41C\_n257E  DC\_41C\_n257F  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_41C\_n257J  DC\_41C\_n257K  DC\_41C\_n257L  DC\_41C\_n257M | DC\_41A\_n257A  DC\_41A\_n257D  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257D  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_41A\_n258A | DC\_41A\_n258A |
| DC\_42A\_n257A  DC\_42A\_n257D  DC\_42A\_n257E  DC\_42A\_n257F  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42A\_n257J  DC\_42A\_n257K  DC\_42A\_n257L  DC\_42A\_n257M  DC\_42C\_n257A  DC\_42C\_n257D  DC\_42C\_n257E  DC\_42C\_n257F  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I  DC\_42C\_n257J  DC\_42C\_n257K  DC\_42C\_n257L  DC\_42C\_n257M  DC\_42D\_n257A  DC\_42D\_n257D  DC\_42D\_n257E  DC\_42D\_n257F  DC\_42D\_n257G  DC\_42D\_n257H  DC\_42D\_n257I  DC\_42D\_n257J  DC\_42D\_n257K  DC\_42D\_n257L  DC\_42D\_n257M  DC\_42E\_n257A  DC\_42E\_n257D  DC\_42E\_n257E  DC\_42E\_n257F  DC\_42E\_n257G  DC\_42E\_n257H  DC\_42E\_n257I  DC\_42E\_n257J  DC\_42E\_n257K  DC\_42E\_n257L  DC\_42E\_n257M | DC\_42A\_n257A  DC\_42A\_n257D  DC\_42A\_n257E  DC\_42A\_n257F  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42A\_n257J  DC\_42A\_n257K  DC\_42A\_n257L  DC\_42A\_n257M  DC\_42C\_n257A  DC\_42C\_n257D  DC\_42C\_n257E  DC\_42C\_n257F  DC\_42D\_n257A  DC\_42D\_n257D  DC\_42D\_n257E  DC\_42D\_n257F  DC\_42E\_n257A  DC\_42E\_n257D  DC\_42E\_n257E  DC\_42E\_n257F |
| DC\_48A\_n257A  DC\_48C\_n257A | DC\_48A\_n257A  DC\_48C\_n257A |
| DC\_48A-48A\_n257A | DC\_48A\_n257A |
| DC\_48A\_n260A  DC\_48A\_n260G  DC\_48A\_n260H  DC\_48A\_n260I  DC\_48A\_n260J  DC\_48A\_n260K  DC\_48A\_n260L  DC\_48A\_n260M  DC\_48C\_n260A  DC\_48D\_n260A  DC\_48A\_n260(2A)  DC\_48C\_n260(2A)  DC\_48D\_n260(2A)  DC\_48A\_n260(3A)  DC\_48C\_n260(3A)  DC\_48D\_n260(3A)  DC\_48A\_n260(4A)  DC\_48C\_n260(4A)  DC\_48D\_n260(4A) | DC\_48A\_n260A  DC\_48C\_n260A |
| DC\_48A-48A\_n260A | DC\_48A\_n260A |
| DC\_48A\_n261A  DC\_48A\_n261G  DC\_48A\_n261H  DC\_48A\_n261I  DC\_48A\_n261J  DC\_48A\_n261K  DC\_48A\_n261L  DC\_48A\_n261M  DC\_48C\_n261A  DC\_48D\_n261A  DC\_48A\_n261(2A)  DC\_48C\_n261(2A)  DC\_48D\_n261(2A) | DC\_48A\_n261A |
| DC\_66A\_n257A  DC\_66A\_n257G  DC\_66A\_n257H  DC\_66A\_n257I  DC\_66A\_n257J  DC\_66A\_n257K  DC\_66A\_n257L  DC\_66A\_n257M  DC\_66C\_n257A | DC\_66A\_n257A |
| DC\_66A\_n257(2A)  DC\_66A-66A\_n257A | DC\_66A\_n257A |
| DC\_66A\_n258A | DC\_66A\_n258A |
| DC\_66A\_n258(2A)  DC\_66A\_n258(3A)  DC\_66A\_n258(4A)  DC\_66A\_n258(5A) | DC\_66A\_n258A |
| 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\_n260A  DC\_66A\_n260G  DC\_66A\_n260O  DC\_66A\_n260P  DC\_66A\_n260Q |
| DC\_66A\_n260(2A)  DC\_66A\_n260(3A)  DC\_66A\_n260(4A)  DC\_66A\_n260(5A)  DC\_66A\_n260(6A)  DC\_66A\_n260(7A)  DC\_66A\_n260(8A)  DC\_66A\_n260(9A)  DC\_66A\_n260(10A)  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\_n260(2G)  DC\_66A\_n260(2H)  DC\_66A\_n260(2O)  DC\_66A\_n260(3O)  DC\_66A\_n260(4O)  DC\_66A\_n260(2P)  DC\_66A\_n260(3P)  DC\_66A\_n260(4P)  DC\_66A\_n260(2A-O)  DC\_66A\_n260(A-2O)  DC\_66A\_n260(2A-G)  DC\_66A\_n260(A-2G)  DC\_66A\_n260(2A-2G)  DC\_66A\_n260(2G-O)  DC\_66A\_n260(2A-2G-O)  DC\_66A\_n260(A-2H)  DC\_66A\_n260(2A-H)  DC\_66A\_n260(2A-2H)  DC\_66A\_n260(2A-2O)  DC\_66A\_n260(2A-3O)  DC\_66A\_n260(A-4O)  DC\_66A\_n260(2A-4O)  DC\_66A\_n260(3A-2O)  DC\_66A\_n260(3A-2G)  DC\_66A\_n260(4A-G)  DC\_66A\_n260(4A-2G)  DC\_66A\_n260(4A-O)  DC\_66A\_n260(4A-2O)  DC\_66A\_n260(A-O)  DC\_66A\_n260(A-G)  DC\_66A\_n260(G-O)  DC\_66A\_n260(A-G-O)  DC\_66A\_n260(2A-G-O)  DC\_66A\_n260(A-2G-O)  DC\_66A\_n260(A-H)  DC\_66A\_n260(A-3O)  DC\_66A\_n260(3A-O)  DC\_66A\_n260(3A-O-P)  DC\_66A\_n260(3A-P)  DC\_66A\_n260(3A-G)  DC\_66A\_n260(2D)  DC\_66A\_n260(3G)  DC\_66A\_n260(4G)  DC\_66A\_n260(A-D)  DC\_66A\_n260(2A-D)  DC\_66A\_n260(A-D-O)  DC\_66A\_n260(2A-D-O)  DC\_66A\_n260(D-2O)  DC\_66A\_n260(A-D-2O)  DC\_66A\_n260(2A-D-2O)  DC\_66A\_n260(2A-O-P)  DC\_66A\_n260(A-2D)  DC\_66A\_n260(2A-2D)  DC\_66A\_n260(A-P)  DC\_66A\_n260(A-P-Q)  DC\_66A\_n260(2A-P)  DC\_66A\_n260(A-2P)  DC\_66A\_n260(2A-2P)  DC\_66A\_n260(3A-3O)  DC\_66A\_n260(D-2G)  DC\_66A\_n260(2D-O)  DC\_66A\_n260(G-H)  DC\_66A\_n260(G-2O)  DC\_66A\_n260(2G-2O)  DC\_66A\_n260(G-3O)  DC\_66A\_n260(2G-3O)  DC\_66A\_n260(G-4O)  DC\_66A\_n260(2G-4O)  DC\_66A\_n260(3G-O)  DC\_66A\_n260(4G-O)  DC\_66A\_n260(H-O)  DC\_66A\_n260(2H-O)  DC\_66A-n260(4A-2G)  DC\_66A-n260(2A-2G-2O)  DC\_66A-n260(2A-2H)  DC\_66A-n260(2A-2O)  DC\_66A-n260(4A-2O)  DC\_66A-n260(6A-2O)  DC\_66A-n260(8A-2O)  DC\_66A-n260(2A-2O-2P)  DC\_66A-n260(6A-3O)  DC\_66A-n260(2A-4O)  DC\_66A-n260(4A-4O)  DC\_66A-n260(6A-2P)  DC\_66A-n260(2O-2P)  DC\_66A-n260(4P)  DC\_66A-n260(2A-4P)  DC\_66A-n260(4A-2Q)  DC\_66A-n260(2A-2O-2Q)  DC\_66A\_n260(A-Q)  DC\_66A\_n260(P-Q)  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\_n260(A-O-P)  DC\_66A\_n260(O-P)  DC\_66A-66A\_n260(2A)  DC\_66A-66A\_n260(2G)  DC\_66A-66A\_n260(2H)  DC\_66A-66A\_n260(3A)  DC\_66A-66A\_n260(4A)  DC\_66A-66A\_n260(5A)  DC\_66A-66A\_n260(6A)  DC\_66A-66A\_n260(A-G)  DC\_66A-66A\_n260(A-H)  DC\_66A-66A\_n260(A-2G)  DC\_66A-66A\_n260(G-H)  DC\_66A-66A\_n260(2A-G)  DC\_66A-66A\_n260(2A-2G)  DC\_66A-66A\_n260(3A-G) | DC\_66A\_n260A  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260O  DC\_66A\_n260P  DC\_66A\_n260Q |
| 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\_n261A  DC\_66A\_n261G  DC\_66A\_n261H  DC\_66A\_n261I |
| DC\_66A\_n261(2A)  DC\_66A\_n261(3A)  DC\_66A\_n261(4A)  DC\_66A\_n261(2G)  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\_n261(2H)  DC\_66A\_n261(2I)  DC\_66A\_n261(A-H)  DC\_66A\_n261(A-I)  DC\_66A\_n261(A-J)  DC\_66A\_n261(A-K)  DC\_66A\_n261(A-D)  DC\_66A\_n261(A-D-H)  DC\_66A\_n261(A-G)  DC\_66A\_n261(A-G-H)  DC\_66A\_n261(G-I)  DC\_66A\_n261(G-J)  DC\_66A\_n261(A-G-I)  DC\_66A\_n261(A-H-I)  DC\_66A\_n261(G-H)  DC\_66A\_n261(H-I)  DC\_66A-n261(A-D-2O)  DC\_66A-n261(A-2D)  DC\_66A\_n261(A-2G)  DC\_66A-n261(A-2G-2O)  DC\_66A-n261(A-3G-O)  DC\_66A-n261(A-4G)  DC\_66A-n261(A-2H)  DC\_66A-n261(A-2I)  DC\_66A-n261(A-4O)  DC\_66A-n261(A-7O)  DC\_66A-n261(A-2P)  DC\_66A-n261(A-2Q)  DC\_66A\_n261(2A-G)  DC\_66A\_n261(2A-H)  DC\_66A\_n261(2A-I)  DC\_66A\_n261(3A-G) | DC\_66A\_n261A  DC\_66A\_n261G  DC\_66A\_n261H  DC\_66A\_n261I |
| DC\_66A-66A\_n261A  DC\_66A-66A\_n261G  DC\_66A-66A\_n261H  DC\_66A-66A\_n261I  DC\_66A-66A\_n261J  DC\_66A-66A\_n261K  DC\_66A-66A\_n261L  DC\_66A-66A\_n261M  DC\_66A-66A\_n261(2A)  DC\_66A-66A\_n261(2G)  DC\_66A-66A\_n261(3A)  DC\_66A-66A\_n261(4A)  DC\_66A-66A\_n261(A-G)  DC\_66A-66A\_n261(A-G-H)  DC\_66A-66A\_n261(A-G-I)  DC\_66A-66A\_n261(A-2G)  DC\_66A-66A\_n261(A-H)  DC\_66A-66A\_n261(A-I)  DC\_66A-66A\_n261(A-J)  DC\_66A-66A\_n261(A-K)  DC\_66A-66A\_n261(G-I)  DC\_66A-66A\_n261(G-J)  DC\_66A-66A\_n261(H-I)  DC\_66A-66A\_n261(2A-G)  DC\_66A-66A\_n261(2A-H)  DC\_66A-66A\_n261(2A-I)  DC\_66A-66A\_n261(3A-G) | DC\_66A\_n261A |
| DC\_71A\_n257A | DC\_71A\_n257A |
| DC\_71A\_n258A | DC\_71A\_n258A |
| DC\_71A\_n260A | DC\_71A\_n260A |
| DC\_71A\_n261A | DC\_71A\_n261A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability for all of the above combinations | |

#### 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) |
| --- | --- |
| DC\_1A-3A\_n257A2  DC\_1A-3A\_n257D2  DC\_1A-3A\_n257E2  DC\_1A-3A\_n257F2  DC\_1A-3A\_n257G  DC\_1A-3A\_n257H  DC\_1A-3A\_n257I  DC\_1A-3A\_n257J  DC\_1A-3A\_n257K  DC\_1A-3A\_n257L  DC\_1A-3A\_n257M  DC\_1A-3C\_n257A  DC\_1A-3C\_n257D  DC\_1A-3C\_n257E  DC\_1A-3C\_n257F  DC\_1A-3C\_n257G  DC\_1A-3C\_n257H  DC\_1A-3C\_n257I  DC\_1A-3C\_n257J  DC\_1A-3C\_n257K  DC\_1A-3C\_n257L  DC\_1A-3C\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257IDC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M |
| DC\_1A-5A\_n257A2  DC\_1A-5A\_n257D  DC\_1A-5A\_n257E  DC\_1A-5A\_n257F  DC\_1A-5A\_n257G  DC\_1A-5A\_n257H  DC\_1A-5A\_n257I  DC\_1A-5A\_n257J  DC\_1A-5A\_n257K  DC\_1A-5A\_n257L  DC\_1A-5A\_n257M | DC\_1A\_n257A  DC\_5A\_n257A |
| DC\_1A-7A\_n257A2  DC\_1A-7A\_n257D  DC\_1A-7A\_n257E  DC\_1A-7A\_n257F  DC\_1A-7A\_n257G  DC\_1A-7A\_n257H  DC\_1A-7A\_n257I  DC\_1A-7A\_n257J  DC\_1A-7A\_n257K  DC\_1A-7A\_n257L  DC\_1A-7A\_n257M | DC\_1A\_n257A  DC\_7A\_n257A |
| DC\_1A-7A-7A\_n257A2  DC\_1A-7A-7A\_n257D  DC\_1A-7A-7A\_n257E  DC\_1A-7A-7A\_n257F  DC\_1A-7A-7A\_n257G  DC\_1A-7A-7A\_n257H  DC\_1A-7A-7A\_n257I  DC\_1A-7A-7A\_n257J  DC\_1A-7A-7A\_n257K  DC\_1A-7A-7A\_n257L  DC\_1A-7A-7A\_n257M | DC\_1A\_n257A  DC\_7A\_n257A  DC\_7A-7A\_n257A |
| DC\_1A-8A\_n257A2  DC\_1A-8A\_n257D  DC\_1A-8A\_n257E  DC\_1A-8A\_n257F  DC\_1A-8A\_n257G  DC\_1A-8A\_n257H  DC\_1A-8A\_n257I  DC\_1A-8A\_n257J  DC\_1A-8A\_n257K  DC\_1A-8A\_n257L  DC\_1A-8A\_n257M | DC\_1A\_n257A  DC\_8A\_n257A |
| DC\_1A-11A\_n257A  DC\_1A-11A\_n257D  DC\_1A-11A\_n257G  DC\_1A-11A\_n257H  DC\_1A-11A\_n257I | DC\_1A\_n257A  DC\_11A\_n257A |
| DC\_1A-18A\_n257A2  DC\_1A-18A\_n257D  DC\_1A-18A\_n257E  DC\_1A-18A\_n257F  DC\_1A-18A\_n257G  DC\_1A-18A\_n257H  DC\_1A-18A\_n257I  DC\_1A-18A\_n257J  DC\_1A-18A\_n257K  DC\_1A-18A\_n257L  DC\_1A-18A\_n257M | DC\_1A-257A  DC\_1A-257G  DC\_1A-257H  DC\_1A-257I  DC\_18A\_n257A  DC\_18A-257G  DC\_18A-257H  DC\_18A-257I |
| DC\_1A-19A\_n257A2  DC\_1A-19A\_n257D2  DC\_1A-19A\_n257E2  DC\_1A-19A\_n257F2  DC\_1A-19A\_n257G  DC\_1A-19A\_n257H  DC\_1A-19A\_n257I  DC\_1A-19A\_n257J  DC\_1A-19A\_n257K  DC\_1A-19A\_n257L  DC\_1A-19A\_n257M | DC\_1A\_n257A  DC\_1A-257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n257J  DC\_1A\_n257K  DC\_1A\_n257L  DC\_1A\_n257M  DC\_19A\_n257A  DC\_19A\_n257D  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I |
| DC\_1A-21A\_n257A2  DC\_1A-21A\_n257D2  DC\_1A-21A\_n257E2  DC\_1A-21A\_n257F2  DC\_1A-21A\_n257G  DC\_1A-21A\_n257H  DC\_1A-21A\_n257I  DC\_1A-21A\_n257J  DC\_1A-21A\_n257K  DC\_1A-21A\_n257L  DC\_1A-21A\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n257J  DC\_1A\_n257K  DC\_1A\_n257L  DC\_1A\_n257M  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_21A\_n257J  DC\_21A\_n257K  DC\_21A\_n257L  DC\_21A\_n257M |
| DC\_1A-28A\_n257A2  DC\_1A-28A\_n257D2  DC\_1A-28A\_n257E2  DC\_1A-28A\_n257F2  DC\_1A-28A\_n257G2  DC\_1A-28A\_n257H2  DC\_1A-28A\_n257I2 | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_28A\_n257A  DC\_28A\_n257D  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_1A-41A\_n257A  DC\_1A-41A\_n257D  DC\_1A-41A\_n257E  DC\_1A-41A\_n257F  DC\_1A-41A\_n257G  DC\_1A-41A\_n257H  DC\_1A-41A\_n257I  DC\_1A-41A\_n257J  DC\_1A-41A\_n257K  DC\_1A-41A\_n257L  DC\_1A-41A\_n257M  DC\_1A-41C\_n257A  DC\_1A-41C\_n257D  DC\_1A-41C\_n257E  DC\_1A-41C\_n257F  DC\_1A-41C\_n257G  DC\_1A-41C\_n257H  DC\_1A-41C\_n257I  DC\_1A-41C\_n257J  DC\_1A-41C\_n257K  DC\_1A-41C\_n257L  DC\_1A-41C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
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| DC\_2A-13A\_n260(2A)  DC\_2A-13A\_n260(3A)  DC\_2A-13A\_n260(4A)  DC\_2A-13A\_n260(5A)  DC\_2A-13A\_n260(6A)  DC\_2A-13A\_n260(2G)  DC\_2A-13A\_n260(2H)  DC\_2A-13A\_n260(A-G)  DC\_2A-13A\_n260(A-H)  DC\_2A-13A\_n260(A-2G)  DC\_2A-13A\_n260(2A-G)  DC\_2A-13A\_n260(2A-2G)  DC\_2A-13A\_n260(3A-G)  DC\_2A-13A\_n260(G-H) | DC\_2A\_n260A  DC\_13A\_n260A |
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| DC\_5A-7A\_n257A2  DC\_5A-7A\_n257D  DC\_5A-7A\_n257E  DC\_5A-7A\_n257F  DC\_5A-7A\_n257G  DC\_5A-7A\_n257H  DC\_5A-7A\_n257I  DC\_5A-7A\_n257J  DC\_5A-7A\_n257K  DC\_5A-7A\_n257L  DC\_5A-7A\_n257M | DC\_5A\_n257A  DC\_7A\_n257A |
| DC\_5A-7A-7A\_n257A | DC\_5A\_n257A  DC\_7A\_n257A |
| DC\_5A-7A-7A\_n257D  DC\_5A-7A-7A\_n257E  DC\_5A-7A-7A\_n257F  DC\_5A-7A-7A\_n257G  DC\_5A-7A-7A\_n257H  DC\_5A-7A-7A\_n257I  DC\_5A-7A-7A\_n257J  DC\_5A-7A-7A\_n257K  DC\_5A-7A-7A\_n257L  DC\_5A-7A-7A\_n257M | DC\_5A\_n257A  DC\_7A\_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 |
| DC\_8A-11A\_n257A  DC\_8A-11A\_n257D  DC\_8A-11A\_n257G  DC\_8A-11A\_n257H  DC\_8A-11A\_n257I | DC\_8A\_n257A  DC\_11A\_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 |
| DC\_5A-66A-66A\_n260A  DC\_5A-66A-66A\_n260G  DC\_5A-66A-66A\_n260H  DC\_5A-66A-66A\_n260I  DC\_5A-66A-66A\_n260J  DC\_5A-66A-66A\_n260K  DC\_5A-66A-66A\_n260L  DC\_5A-66A-66A\_n260M | DC\_5A\_n260A  DC\_66A\_n260A |
| DC\_13A-66A-66A\_n260A  DC\_13A-66A-66A\_n260G  DC\_13A-66A-66A\_n260H  DC\_13A-66A-66A\_n260I  DC\_13A-66A-66A\_n260J  DC\_13A-66A-66A\_n260K  DC\_13A-66A-66A\_n260L  DC\_13A-66A-66A\_n260M | DC\_13A\_n260A  DC\_66A\_n260A |
| DC\_13A-66A\_n260(2A)  DC\_13A-66A\_n260(3A)  DC\_13A-66A\_n260(4A)  DC\_13A-66A\_n260(5A)  DC\_13A-66A\_n260(6A)  DC\_13A-66A\_n260(2G)  DC\_13A-66A\_n260(2H)  DC\_13A-66A\_n260(A-G)  DC\_13A-66A\_n260(A-H)  DC\_13A-66A\_n260(A-2G)  DC\_13A-66A\_n260(2A-G)  DC\_13A-66A\_n260(2A-2G)  DC\_13A-66A\_n260(3A-G)  DC\_13A-66A\_n260(G-H)  DC\_13A-66A-66A\_n260(2A)  DC\_13A-66A-66A\_n260(3A)  DC\_13A-66A-66A\_n260(4A)  DC\_13A-66A-66A\_n260(5A)  DC\_13A-66A-66A\_n260(6A)  DC\_13A-66A-66A\_n260(2G)  DC\_13A-66A-66A\_n260(2H)  DC\_13A-66A-66A\_n260(A-G)  DC\_13A-66A-66A\_n260(A-H)  DC\_13A-66A-66A\_n260(A-2G)  DC\_13A-66A-66A\_n260(2A-G)  DC\_13A-66A-66A\_n260(2A-2G)  DC\_13A-66A-66A\_n260(3A-G)  DC\_13A-66A-66A\_n260(G-H) | DC\_13A\_n260A  DC\_66A\_n260A |
| DC\_13A-66A-66A\_n261A  DC\_13A-66A-66A\_n261G  DC\_13A-66A-66A\_n261H  DC\_13A-66A-66A\_n261I  DC\_13A-66A-66A\_n261J  DC\_13A-66A-66A\_n261K  DC\_13A-66A-66A\_n261L  DC\_13A-66A-66A\_n261M | DC\_13A\_n261A  DC\_66A\_n261A |
| DC\_13A-66A\_n261(2A)  DC\_13A-66A\_n261(3A)  DC\_13A-66A\_n261(4A)  DC\_13A-66A\_n261(2G)  DC\_13A-66A\_n261(2H)  DC\_13A-66A\_n261(A-G)  DC\_13A-66A\_n261(A-H)  DC\_13A-66A\_n261(A-I)  DC\_13A-66A\_n261(A-J)  DC\_13A-66A\_n261(A-K)  DC\_13A-66A\_n261(A-2G)  DC\_13A-66A\_n261(A-G-H)  DC\_13A-66A\_n261(A-G-I)  DC\_13A-66A\_n261(2A-G)  DC\_13A-66A\_n261(2A-H)  DC\_13A-66A\_n261(2A-I)  DC\_13A-66A\_n261(3A-G)  DC\_13A-66A\_n261(G-H)  DC\_13A-66A\_n261(G-I)  DC\_13A-66A\_n261(G-J)  DC\_13A-66A\_n261(H-I)  DC\_13A-66A-66A\_n261(2A)  DC\_13A-66A-66A\_n261(3A)  DC\_13A-66A-66A\_n261(4A)  DC\_13A-66A-66A\_n261(2G)  DC\_13A-66A-66A\_n261(2H)  DC\_13A-66A-66A\_n261(A-G)  DC\_13A-66A-66A\_n261(A-H)  DC\_13A-66A-66A\_n261(A-I)  DC\_13A-66A-66A\_n261(A-J)  DC\_13A-66A-66A\_n261(A-K)  DC\_13A-66A-66A\_n261(A-2G)  DC\_13A-66A-66A\_n261(A-G-H)  DC\_13A-66A-66A\_n261(A-G-I)  DC\_13A-66A-66A\_n261(2A-G)  DC\_13A-66A-66A\_n261(2A-H)  DC\_13A-66A-66A\_n261(2A-I)  DC\_13A-66A-66A\_n261(3A-G)  DC\_13A-66A-66A\_n261(G-H)  DC\_13A-66A-66A\_n261(G-I)  DC\_13A-66A-66A\_n261(G-J)  DC\_13A-66A-66A\_n261(H-I) | DC\_13A\_n261A  DC\_66A\_n261A |
| DC\_8A-11A\_n257A  DC\_8A-11A\_n257D | DC\_8A\_n257A  DC\_11A\_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 |
| 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 |
| DC\_12A-66A-66A\_n260A  DC\_12A-66A-66A\_n260G  DC\_12A-66A-66A\_n260H  DC\_12A-66A-66A\_n260I  DC\_12A-66A-66A\_n260J  DC\_12A-66A-66A\_n260K  DC\_12A-66A-66A\_n260L  DC\_12A-66A-66A\_n260M | DC\_12A\_n260A  DC\_66A\_n260A |
| DC\_14A-30A\_n260A  DC\_14A-30A\_n260G  DC\_14A-30A\_n260H  DC\_14A-30A\_n260I  DC\_14A-30A\_n260J  DC\_14A-30A\_n260K  DC\_14A-30A\_n260L  DC\_14A-30A\_n260M | DC\_14A\_n260A  DC\_14A\_n260G  DC\_14A\_n260H  DC\_14A\_n260I  DC\_14A\_n260J  DC\_14A\_n260K  DC\_14A\_n260L  DC\_14A\_n260M  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\_14A-66A\_n260A  DC\_14A-66A\_n260G  DC\_14A-66A\_n260H  DC\_14A-66A\_n260I  DC\_14A-66A\_n260J  DC\_14A-66A\_n260K  DC\_14A-66A\_n260L  DC\_14A-66A\_n260M  DC\_14A-66A-66A\_n260A  DC\_14A-66A-66A\_n260G  DC\_14A-66A-66A\_n260H  DC\_14A-66A-66A\_n260I  DC\_14A-66A-66A\_n260J  DC\_14A-66A-66A\_n260K  DC\_14A-66A-66A\_n260L  DC\_14A-66A-66A\_n260M | DC\_14A\_n260A  DC\_14A\_n260G  DC\_14A\_n260H  DC\_14A\_n260I  DC\_14A\_n260J  DC\_14A\_n260K  DC\_14A\_n260L  DC\_14A\_n260M  DC\_66A\_n260A  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260I  DC\_66A\_n260J  DC\_66A\_n260K  DC\_66A\_n260L  DC\_66A\_n260M |
| DC\_13A-66A\_n257A2 | DC\_13A\_n257A  DC\_66A\_n257A |
| DC\_13A-66A\_n260A2 | DC\_13A\_n260A  DC\_66A\_n260A |
| DC\_18A-28A\_n257A2 | DC\_18A\_n257A  DC\_28A\_n257A |
| DC\_18A-42A\_n257A  DC\_18A-42A\_n257D  DC\_18A-42A\_n257E  DC\_18A-42A\_n257F  DC\_18A-42A\_n257G  DC\_18A-42A\_n257H  DC\_18A-42A\_n257I  DC\_18A-42A\_n257J  DC\_18A-42A\_n257K  DC\_18A-42A\_n257L  DC\_18A-42A\_n257M  DC\_18A-42C\_n257A  DC\_18A-42C\_n257D  DC\_18A-42C\_n257E  DC\_18A-42C\_n257F  DC\_18A-42C\_n257G  DC\_18A-42C\_n257H  DC\_18A-42C\_n257I  DC\_18A-42C\_n257J  DC\_18A-42C\_n257K  DC\_18A-42C\_n257L  DC\_18A-42C\_n257M | DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_19A-21A\_n257A2  DC\_19A-21A\_n257D2  DC\_19A-21A\_n257E2  DC\_19A-21A\_n257F2  DC\_19A-21A\_n257G  DC\_19A-21A\_n257H  DC\_19A-21A\_n257I  DC\_19A-21A\_n257J  DC\_19A-21A\_n257K  DC\_19A-21A\_n257L  DC\_19A-21A\_n257M | DC\_19A\_n257A  DC\_19A\_n257D  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n257A  DC\_21A\_n257D  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_21A\_n257J  DC\_21A\_n257K  DC\_21A\_n257L  DC\_21A\_n257M |
| DC\_19A-42A\_n257A2  DC\_19A-42A\_n257D2  DC\_19A-42A\_n257E2  DC\_19A-42A\_n257F2  DC\_19A-42A\_n257G2  DC\_19A-42A\_n257H2  DC\_19A-42A\_n257I2  DC\_19A-42C\_n257A2  DC\_19A-42C\_n257G2  DC\_19A-42C\_n257H2  DC\_19A-42C\_n257I2  DC\_19A-42D\_n257D2  DC\_19A-42D\_n257E2  DC\_19A-42D\_n257F2 | DC\_19A\_n257A  DC\_19A\_n257D  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_42A\_n257A  DC\_42A\_n257D  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_21A-28A\_n257A2  DC\_21A-28A\_n257D2  DC\_21A-28A\_n257E2  DC\_21A-28A\_n257F2 | DC\_21A\_n257A  DC\_21A\_n257D  DC\_28A\_n257A  DC\_28A\_n257D |
| DC\_21A-42A\_n257A2  DC\_21A-42A\_n257D2  DC\_21A-42A\_n257E2  DC\_21A-42A\_n257F2  DC\_21A-42A\_n257G  DC\_21A-42A\_n257H  DC\_21A-42A\_n257I  DC\_21A-42A\_n257J  DC\_21A-42A\_n257K  DC\_21A-42A\_n257L  DC\_21A-42A\_n257M  DC\_21A-42C\_n257A2  DC\_21A-42C\_n257G  DC\_21A-42C\_n257H  DC\_21A-42C\_n257I  DC\_21A-42C\_n257J  DC\_21A-42C\_n257K  DC\_21A-42C\_n257L  DC\_21A-42C\_n257M  DC\_21A-42D\_n257A  DC\_21A-42D\_n257D  DC\_21A-42D\_n257E  DC\_21A-42D\_n257F  DC\_21A-42D\_n257G  DC\_21A-42D\_n257H  DC\_21A-42D\_n257I  DC\_21A-42D\_n257J  DC\_21A-42D\_n257K  DC\_21A-42D\_n257L  DC\_21A-42D\_n257M  DC\_21A-42E\_n257A  DC\_21A-42E\_n257D  DC\_21A-42E\_n257E  DC\_21A-42E\_n257F  DC\_21A-42E\_n257G  DC\_21A-42E\_n257H  DC\_21A-42E\_n257I  DC\_21A-42E\_n257J  DC\_21A-42E\_n257K  DC\_21A-42E\_n257L  DC\_21A-42E\_n257M | DC\_21A\_n257A  DC\_21A\_n257D  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_21A\_n257J  DC\_21A\_n257K  DC\_21A\_n257L  DC\_21A\_n257M  DC\_42A\_n257A  DC\_42A\_n257D  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_25A-41A\_n41A  DC\_25A-41C\_n41A  DC\_25A-41DA\_n41A  DC\_25A-25A-41A\_n41A  DC\_25A-25A-41C\_n41A  DC\_25A-25A-41DA\_n41A | DC\_25A\_n41A  DC\_41A\_n41A |
| DC\_25A-(n)41AA  DC\_25A-25A-(n)41AA | DC\_25A\_n41A  DC\_(n)41AA |
| DC\_25A-(n)41CA  DC\_25A-(n)41DA  DC\_25A-25A-(n)41CA  DC\_25A-25A-(n)41DA | DC\_25A\_n41A  DC\_(n)41AA  DC\_41A\_n41A |
| DC\_28A-41A\_n257A  DC\_28A-41A\_n257G  DC\_28A-41A\_n257H  DC\_28A-41A\_n257IDC\_28A-41C\_n257A  DC\_28A-41C\_n257G  DC\_28A-41C\_n257H  DC\_28A-41C\_n257I | DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_28A-42A\_n257A2  DC\_28A-42A\_n257D2  DC\_28A-42A\_n257G2  DC\_28A-42A\_n257H2  DC\_28A-42A\_n257I2  DC\_28A-42C\_n257A2  DC\_28A-42C\_n257D2  DC\_28A-42C\_n257G2  DC\_28A-42C\_n257H2  DC\_28A-42C\_n257I2 | DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_29A-30A\_n260A  DC\_29A-30A\_n260G  DC\_29A-30A\_n260H  DC\_29A-30A\_n260I  DC\_29A-30A\_n260J  DC\_29A-30A\_n260K  DC\_29A-30A\_n260L  DC\_29A-30A\_n260M | DC\_30A\_n260A |
| 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 |
| DC\_30A-66A-66A\_n260A  DC\_30A-66A-66A\_n260G  DC\_30A-66A-66A\_n260H  DC\_30A-66A-66A\_n260I  DC\_30A-66A-66A\_n260J  DC\_30A-66A-66A\_n260K  DC\_30A-66A-66A\_n260L  DC\_30A-66A-66A\_n260M | DC\_30A\_n260A  DC\_66A\_n260A |
| DC\_41A-42A\_n257A  DC\_41A-42A\_n257D  DC\_41A-42A\_n257E  DC\_41A-42A\_n257F  DC\_41A-42A\_n257G  DC\_41A-42A\_n257H  DC\_41A-42A\_n257I  DC\_41A-42A\_n257J  DC\_41A-42A\_n257K  DC\_41A-42A\_n257L  DC\_41A-42A\_n257M  DC\_41A-42C\_n257A  DC\_41A-42C\_n257D  DC\_41A-42C\_n257E  DC\_41A-42C\_n257F  DC\_41A-42C\_n257G  DC\_41A-42C\_n257H  DC\_41A-42C\_n257I  DC\_41A-42C\_n257J  DC\_41A-42C\_n257K  DC\_41A-42C\_n257L  DC\_41A-42C\_n257M  DC\_41C-42A\_n257A  DC\_41C-42A\_n257D  DC\_41C-42A\_n257E  DC\_41C-42A\_n257F  DC\_41C-42A\_n257G  DC\_41C-42A\_n257H  DC\_41C-42A\_n257I  DC\_41C-42A\_n257J  DC\_41C-42A\_n257K  DC\_41C-42A\_n257L  DC\_41C-42A\_n257M  DC\_41C-42C\_n257A  DC\_41C-42C\_n257D  DC\_41C-42C\_n257E  DC\_41C-42C\_n257F  DC\_41C-42C\_n257G  DC\_41C-42C\_n257H  DC\_41C-42C\_n257I  DC\_41C-42C\_n257J  DC\_41C-42C\_n257K  DC\_41C-42C\_n257L  DC\_41C-42C\_n257M | DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_46A-48A\_n260A  DC\_46C-48A\_n260A  DC\_46D-48A\_n260A  DC\_46A-48C\_n260A  DC\_46A-48D\_n260A  DC\_46C-48C\_n260A  DC\_46C-48D\_n260A  DC\_46D-48C\_n260A  DC\_46D-48D\_n260A  DC\_46A-48A\_n260(2A)  DC\_46C-48A\_n260(2A)  DC\_46D-48A\_n260(2A)  DC\_46A-48C\_n260(2A)  DC\_46A-48D\_n260(2A)  DC\_46C-48C\_n260(2A)  DC\_46C-48D\_n260(2A)  DC\_46D-48C\_n260(2A)  DC\_46D-48D\_n260(2A)  DC\_46A-48A\_n260(3A)  DC\_46C-48A\_n260(3A)  DC\_46D-48A\_n260(3A)  DC\_46A-48C\_n260(3A)  DC\_46A-48D\_n260(3A)  DC\_46C-48C\_n260(3A)  DC\_46C-48D\_n260(3A)  DC\_46D-48C\_n260(3A)  DC\_46D-48D\_n260(3A)  DC\_46A-48A\_n260(4A)  DC\_46C-48A\_n260(4A)  DC\_46D-48A\_n260(4A)  DC\_46A-48C\_n260(4A)  DC\_46A-48D\_n260(4A)  DC\_46C-48C\_n260(4A)  DC\_46C-48D\_n260(4A)  DC\_46D-48C\_n260(4A)  DC\_46D-48D\_n260(4A) | DC\_48A\_n260A  DC\_48C\_n260A |
| DC\_46A-48A\_n261A  DC\_46C-48A\_n261A  DC\_46D-48A\_n261A  DC\_46A-48C\_n261A  DC\_46A-48D\_n261A  DC\_46C-48C\_n261A  DC\_46C-48D\_n261A  DC\_46D-48C\_n261A  DC\_46D-48D\_n261A  DC\_46A-48A\_n261(2A)  DC\_46C-48A\_n261(2A)  DC\_46D-48A\_n261(2A)  DC\_46A-48C\_n261(2A)  DC\_46A-48D\_n261(2A)  DC\_46C-48C\_n261(2A)  DC\_46C-48D\_n261(2A)  DC\_46D-48C\_n261(2A)  DC\_46D-48D\_n261(2A) | DC\_48A\_n261A  DC\_48C\_n261A |
| DC\_46A-66A\_n258A  DC\_46C-66A\_n258A  DC\_46D-66A\_n258A | DC\_66A\_n258A |
| DC\_46A-66A\_n258(2A)  DC\_46A-66A\_n258(3A)  DC\_46A-66A\_n258(4A)  DC\_46A-66A\_n258(5A)  DC\_46C-66A\_n258(2A)  DC\_46C-66A\_n258(3A)  DC\_46C-66A\_n258(4A)  DC\_46C-66A\_n258(5A)  DC\_46D-66A\_n258(2A)  DC\_46D-66A\_n258(3A)  DC\_46D-66A\_n258(4A)  DC\_46D-66A\_n258(5A) | DC\_66A\_n258A |
| DC\_46A-66A\_n260A  DC\_46C-66A\_n260A  DC\_46D-66A\_n260A  DC\_46A-66A\_n260(2A)  DC\_46C-66A\_n260(2A)  DC\_46D-66A\_n260(2A) | DC\_66A\_n260A |
| DC\_46A-66A\_n261A  DC\_46C-66A\_n261A  DC\_46D-66A\_n261A  DC\_46A-66A\_n261(2A)  DC\_46C-66A\_n261(2A)  DC\_46D-66A\_n261(2A) | DC\_66A\_n261A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability | |

#### 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) |
| --- | --- |
| DC\_1A-3A-5A\_n257A2  DC\_1A-3A-5A\_n257D  DC\_1A-3A-5A\_n257E  DC\_1A-3A-5A\_n257F  DC\_1A-3A-5A\_n257G  DC\_1A-3A-5A\_n257H  DC\_1A-3A-5A\_n257I  DC\_1A-3A-5A\_n257J  DC\_1A-3A-5A\_n257K  DC\_1A-3A-5A\_n257L  DC\_1A-3A-5A\_n257M | DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A |
| DC\_1A-3A-7A\_n257A2  DC\_1A-3A-7A\_n257D  DC\_1A-3A-7A\_n257E  DC\_1A-3A-7A\_n257F  DC\_1A-3A-7A\_n257G  DC\_1A-3A-7A\_n257H  DC\_1A-3A-7A\_n257I  DC\_1A-3A-7A\_n257J  DC\_1A-3A-7A\_n257K  DC\_1A-3A-7A\_n257L  DC\_1A-3A-7A\_n257M | DC\_1A\_n257A  DC\_3A\_n257A  DC\_7A\_n257A |
| DC\_1A-3A-7A-7A\_n257A | DC\_1A\_n257A  DC\_3A\_n257A  DC\_7A\_n257A |
| DC\_1A-3A-8A\_n257A  DC\_1A-3A-8A\_n257D  DC\_1A-3A-8A\_n257E  DC\_1A-3A-8A\_n257F  DC\_1A-3A-8A\_n257G  DC\_1A-3A-8A\_n257H  DC\_1A-3A-8A\_n257I  DC\_1A-3A-8A\_n257J  DC\_1A-3A-8A\_n257K  DC\_1A-3A-8A\_n257L  DC\_1A-3A-8A\_n257M  DC\_1A-3C-8A\_n257A  DC\_1A-3C-8A\_n257D  DC\_1A-3C-8A\_n257E  DC\_1A-3C-8A\_n257F  DC\_1A-3C-8A\_n257G  DC\_1A-3C-8A\_n257H  DC\_1A-3C-8A\_n257I  DC\_1A-3C-8A\_n257J  DC\_1A-3C-8A\_n257K  DC\_1A-3C-8A\_n257L  DC\_1A-3C-8A\_n257M | DC\_1A\_n257A  DC\_3A\_n257A  DC\_8A\_n257A |
| DC\_1A-3A-18A\_n257A  DC\_1A-3A-18A\_n257D  DC\_1A-3A-18A\_n257E  DC\_1A-3A-18A\_n257F  DC\_1A-3A-18A\_n257G  DC\_1A-3A-18A\_n257H  DC\_1A-3A-18A\_n257I  DC\_1A-3A-18A\_n257J  DC\_1A-3A-18A\_n257K  DC\_1A-3A-18A\_n257L  DC\_1A-3A-18A\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I |
| DC\_1A-3A-19A\_n257A2  DC\_1A-3A-19A\_n257G  DC\_1A-3A-19A\_n257H  DC\_1A-3A-19A\_n257I  DC\_1A-3A-19A\_n257J  DC\_1A-3A-19A\_n257K  DC\_1A-3A-19A\_n257L  DC\_1A-3A-19A\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I |
| DC\_1A-3A-21A\_n257A2  DC\_1A-3A-21A\_n257G  DC\_1A-3A-21A\_n257H  DC\_1A-3A-21A\_n257I  DC\_1A-3A-21A\_n257J  DC\_1A-3A-21A\_n257K  DC\_1A-3A-21A\_n257L  DC\_1A-3A-21A\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I |
| DC\_1A-3A-28A\_n257A2  DC\_1A-3A-28A\_n257G  DC\_1A-3A-28A\_n257H  DC\_1A-3A-28A\_n257I  DC\_1A-3A-28A\_n257J  DC\_1A-3A-28A\_n257K  DC\_1A-3A-28A\_n257L  DC\_1A-3A-28A\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_1A-3A-41A\_n257A  DC\_1A-3A-41A\_n257D  DC\_1A-3A-41A\_n257E  DC\_1A-3A-41A\_n257F  DC\_1A-3A-41A\_n257G  DC\_1A-3A-41A\_n257H  DC\_1A-3A-41A\_n257I  DC\_1A-3A-41A\_n257J  DC\_1A-3A-41A\_n257K  DC\_1A-3A-41A\_n257L  DC\_1A-3A-41A\_n257M  DC\_1A-3A-41C\_n257A  DC\_1A-3A-41C\_n257D  DC\_1A-3A-41C\_n257E  DC\_1A-3A-41C\_n257F  DC\_1A-3A-41C\_n257G  DC\_1A-3A-41C\_n257H  DC\_1A-3A-41C\_n257I  DC\_1A-3A-41C\_n257J  DC\_1A-3A-41C\_n257K  DC\_1A-3A-41C\_n257L  DC\_1A-3A-41C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_1A-3A-42A\_n257A  DC\_1A-3A-42A\_n257G  DC\_1A-3A-42A\_n257H  DC\_1A-3A-42A\_n257I  DC\_1A-3A-42A\_n257J  DC\_1A-3A-42A\_n257K  DC\_1A-3A-42A\_n257L  DC\_1A-3A-42A\_n257M  DC\_1A-3A-42C\_n257A  DC\_1A-3A-42C\_n257D  DC\_1A-3A-42C\_n257E  DC\_1A-3A-42C\_n257F  DC\_1A-3A-42C\_n257G  DC\_1A-3A-42C\_n257H  DC\_1A-3A-42C\_n257I  DC\_1A-3A-42C\_n257J  DC\_1A-3A-42C\_n257K  DC\_1A-3A-42C\_n257L  DC\_1A-3A-42C\_n257M  DC\_1A-3A-42D\_n257A  DC\_1A-3A-42D\_n257G  DC\_1A-3A-42D\_n257H  DC\_1A-3A-42D\_n257I  DC\_1A-3A-42D\_n257J  DC\_1A-3A-42D\_n257K  DC\_1A-3A-42D\_n257L  DC\_1A-3A-42D\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n257J  DC\_1A\_n257K  DC\_1A\_n257L  DC\_1A\_n257M  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-5A-7A\_n257A2  DC\_1A-5A-7A\_n257D  DC\_1A-5A-7A\_n257E  DC\_1A-5A-7A\_n257F  DC\_1A-5A-7A\_n257G  DC\_1A-5A-7A\_n257H  DC\_1A-5A-7A\_n257I  DC\_1A-5A-7A\_n257J  DC\_1A-5A-7A\_n257K  DC\_1A-5A-7A\_n257L  DC\_1A-5A-7A\_n257M | DC\_1A\_n257A  DC\_5A\_n257A  DC\_7A\_n257A |
| DC\_1A-5A-7A-7A\_n257A  DC\_1A-5A-7A-7A\_n257D  DC\_1A-5A-7A-7A\_n257E  DC\_1A-5A-7A-7A\_n257F  DC\_1A-5A-7A-7A\_n257G  DC\_1A-5A-7A-7A\_n257H  DC\_1A-5A-7A-7A\_n257I  DC\_1A-5A-7A-7A\_n257J  DC\_1A-5A-7A-7A\_n257K  DC\_1A-5A-7A-7A\_n257L  DC\_1A-5A-7A-7A\_n257M | DC\_1A\_n257A  DC\_5A\_n257A  DC\_7A\_n257A |
| DC\_1A-8A-11A\_n257A  DC\_1A-8A-11A\_n257D  DC\_1A-8A-11A\_n257G  DC\_1A-8A-11A\_n257H  DC\_1A-8A-11A\_n257I | DC\_1A\_n257A  DC\_8A\_n257A  DC\_11A\_n257A |
| DC\_1A-18A-28A\_n257A2 | DC\_1A\_n257A  DC\_18A\_n257A  DC\_28A\_n257A |
| DC\_1A-18A-42A\_n257A  DC\_1A-18A-42A\_n257D  DC\_1A-18A-42A\_n257E  DC\_1A-18A-42A\_n257F  DC\_1A-18A-42A\_n257G  DC\_1A-18A-42A\_n257H  DC\_1A-18A-42A\_n257I  DC\_1A-18A-42A\_n257J  DC\_1A-18A-42A\_n257K  DC\_1A-18A-42A\_n257L  DC\_1A-18A-42A\_n257M  DC\_1A-18A-42C\_n257A  DC\_1A-18A-42C\_n257D  DC\_1A-18A-42C\_n257E  DC\_1A-18A-42C\_n257F  DC\_1A-18A-42C\_n257G  DC\_1A-18A-42C\_n257H  DC\_1A-18A-42C\_n257I  DC\_1A-18A-42C\_n257J  DC\_1A-18A-42C\_n257K  DC\_1A-18A-42C\_n257L  DC\_1A-18A-42C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-19A-21A\_n257A  DC\_1A-19A-21A\_n257D  DC\_1A-19A-21A\_n257E  DC\_1A-19A-21A\_n257F  DC\_1A-19A-21A\_n257G  DC\_1A-19A-21A\_n257H  DC\_1A-19A-21A\_n257I  DC\_1A-19A-21A\_n257J  DC\_1A-19A-21A\_n257K  DC\_1A-19A-21A\_n257L  DC\_1A-19A-21A\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n257J  DC\_1A\_n257K  DC\_1A\_n257L  DC\_1A\_n257M  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_21A\_n257J  DC\_21A\_n257K  DC\_21A\_n257L  DC\_21A\_n257M |
| DC\_1A-19A-42A\_n257A  DC\_1A-19A-42C\_n257A  DC\_1A-19A-42C\_n257D  DC\_1A-19A-42C\_n257E  DC\_1A-19A-42C\_n257F  DC\_1A-19A-42A\_n257G  DC\_1A-19A-42A\_n257H  DC\_1A-19A-42A\_n257I  DC\_1A-19A-42A\_n257J  DC\_1A-19A-42A\_n257K  DC\_1A-19A-42A\_n257L  DC\_1A-19A-42A\_n257M  DC\_1A-19A-42C\_n257G  DC\_1A-19A-42C\_n257H  DC\_1A-19A-42C\_n257I  DC\_1A-19A-42C\_n257J  DC\_1A-19A-42C\_n257K  DC\_1A-19A-42C\_n257L  DC\_1A-19A-42C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n257J  DC\_1A\_n257K  DC\_1A\_n257L  DC\_1A\_n257M  DC\_19A\_n257A  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_1A-21A-28A\_n257A2 | DC\_1A\_n257A  DC\_21A\_n257A  DC\_28A\_n257A |
| DC\_1A-21A-42A\_n257A  DC\_1A-21A-42A\_n257G  DC\_1A-21A-42A\_n257H  DC\_1A-21A-42A\_n257I  DC\_1A-21A-42A\_n257J  DC\_1A-21A-42A\_n257K  DC\_1A-21A-42A\_n257L  DC\_1A-21A-42A\_n257M  DC\_1A-21A-42C\_n257A  DC\_1A-21A-42C\_n257D  DC\_1A-21A-42C\_n257E  DC\_1A-21A-42C\_n257F  DC\_1A-21A-42C\_n257G  DC\_1A-21A-42C\_n257H  DC\_1A-21A-42C\_n257I  DC\_1A-21A-42C\_n257J  DC\_1A-21A-42C\_n257K  DC\_1A-21A-42C\_n257L  DC\_1A-21A-42C\_n257M  DC\_1A-21A-42D\_n257A  DC\_1A-21A-42D\_n257D  DC\_1A-21A-42D\_n257E  DC\_1A-21A-42D\_n257F | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n257J  DC\_1A\_n257K  DC\_1A\_n257L  DC\_1A\_n257M  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_21A\_n257J  DC\_21A\_n257K  DC\_21A\_n257L  DC\_21A\_n257M  DC\_42A\_n257A  DC\_42A\_n257D  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_1A-28A-42A\_n257A  DC\_1A-28A-42A\_n257D  DC\_1A-28A-42A\_n257G  DC\_1A-28A-42A\_n257H  DC\_1A-28A-42A\_n257I  DC\_1A-28A-42C\_n257A  DC\_1A-28A-42C\_n257D  DC\_1A-28A-42C\_n257G  DC\_1A-28A-42C\_n257H  DC\_1A-28A-42C\_n257I | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-41A-42A\_n257A  DC\_1A-41A-42A\_n257D  DC\_1A-41A-42A\_n257E  DC\_1A-41A-42A\_n257F  DC\_1A-41A-42A\_n257G  DC\_1A-41A-42A\_n257H  DC\_1A-41A-42A\_n257I  DC\_1A-41A-42A\_n257J  DC\_1A-41A-42A\_n257K  DC\_1A-41A-42A\_n257L  DC\_1A-41A-42A\_n257M  DC\_1A-41A-42C\_n257A  DC\_1A-41A-42C\_n257D  DC\_1A-41A-42C\_n257E  DC\_1A-41A-42C\_n257F  DC\_1A-41A-42C\_n257G  DC\_1A-41A-42C\_n257H  DC\_1A-41A-42C\_n257I  DC\_1A-41A-42C\_n257J  DC\_1A-41A-42C\_n257K  DC\_1A-41A-42C\_n257L  DC\_1A-41A-42C\_n257M  DC\_1A-41C-42A\_n257A  DC\_1A-41C-42A\_n257D  DC\_1A-41C-42A\_n257E  DC\_1A-41C-42A\_n257F  DC\_1A-41C-42A\_n257G  DC\_1A-41C-42A\_n257H  DC\_1A-41C-42A\_n257I  DC\_1A-41C-42A\_n257J  DC\_1A-41C-42A\_n257K  DC\_1A-41C-42A\_n257L  DC\_1A-41C-42A\_n257M  DC\_1A-41C-42C\_n257A  DC\_1A-41C-42C\_n257D  DC\_1A-41C-42C\_n257E  DC\_1A-41C-42C\_n257F  DC\_1A-41C-42C\_n257G  DC\_1A-41C-42C\_n257H  DC\_1A-41C-42C\_n257I  DC\_1A-41C-42C\_n257J  DC\_1A-41C-42C\_n257K  DC\_1A-41C-42C\_n257L  DC\_1A-41C-42C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_2A-5A-30A\_n260A  DC\_2A-5A-30A\_n260G  DC\_2A-5A-30A\_n260H  DC\_2A-5A-30A\_n260I  DC\_2A-5A-30A\_n260J  DC\_2A-5A-30A\_n260K  DC\_2A-5A-30A\_n260L  DC\_2A-5A-30A\_n260M | DC\_2A\_n260A  DC\_5A\_n260A  DC\_30A\_n260A |
| DC\_2A-2A-5A-30A\_n260A | DC\_2A\_n260A  DC\_5A\_n260A  DC\_30A\_n260A |
| DC\_2A-5A-66A\_n260A  DC\_2A-5A-66A\_n260G  DC\_2A-5A-66A\_n260H  DC\_2A-5A-66A\_n260I  DC\_2A-5A-66A\_n260J  DC\_2A-5A-66A\_n260K  DC\_2A-5A-66A\_n260L  DC\_2A-5A-66A\_n260M | DC\_2A\_n260A  DC\_5A\_n260A  DC\_66A\_n260A |
| DC\_2A-2A-5A-66A\_n260A  DC\_2A-5A-66A-66A\_n260A | DC\_2A\_n260A  DC\_5A\_n260A  DC\_66A\_n260A |
| DC\_2A-12A-30A\_n260A  DC\_2A-12A-30A\_n260G  DC\_2A-12A-30A\_n260H  DC\_2A-12A-30A\_n260I  DC\_2A-12A-30A\_n260J  DC\_2A-12A-30A\_n260K  DC\_2A-12A-30A\_n260L  DC\_2A-12A-30A\_n260M | DC\_2A\_n260A  DC\_12A\_n260A  DC\_30A\_n260A |
| DC\_2A-2A-12A-30A\_n260A | DC\_2A\_n260A  DC\_12A\_n260A  DC\_30A\_n260A |
| DC\_2A-12A-66A\_n260A  DC\_2A-12A-66A\_n260G  DC\_2A-12A-66A\_n260H  DC\_2A-12A-66A\_n260I  DC\_2A-12A-66A\_n260J  DC\_2A-12A-66A\_n260K  DC\_2A-12A-66A\_n260L  DC\_2A-12A-66A\_n260M | DC\_2A\_n260A  DC\_12A\_n260A  DC\_66A\_n260A |
| DC\_2A-2A-12A-66A\_n260A  DC\_2A-12A-66A-66A\_n260A | DC\_2A\_n260A  DC\_12A\_n260A  DC\_66A\_n260A |
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| DC\_2A-13A-66A\_n260(A-G) DC\_2A-13A-66A\_n260(A-H) DC\_2A-13A-66A\_n260(A-2G)  DC\_2A-13A-66A\_n260(2A)  DC\_2A-13A-66A\_n260(2A-G) DC\_2A-13A-66A\_n260(2A-2G) DC\_2A-13A-66A\_n260(3A)  DC\_2A-13A-66A\_n260(3A-G) DC\_2A-13A-66A\_n260(4A)  DC\_2A-13A-66A\_n260(5A)  DC\_2A-13A-66A\_n260(6A)  DC\_2A-13A-66A\_n260(G-H)  DC\_2A-13A-66A\_n260(2G) DC\_2A-13A-66A\_n260(2H) | DC\_2A\_n260A DC\_2A\_n260G  DC\_2A\_n260H  DC\_13A\_n260A DC\_13A\_n260G  DC\_13A\_n260H  DC\_66A\_n260A DC\_66A\_n260G  DC\_66A\_n260H |
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| DC\_19A-21A-42A\_n257A2  DC\_19A-21A-42A\_n257D2  DC\_19A-21A-42A\_n257E2  DC\_19A-21A-42A\_n257F2  DC\_19A-21A-42A\_n257G2  DC\_19A-21A-42A\_n257H2  DC\_19A-21A-42A\_n257I2  DC\_19A-21A-42C\_n257A2  DC\_19A-21A-42C\_n257D2  DC\_19A-21A-42C\_n257E2  DC\_19A-21A-42C\_n257F2  DC\_19A-21A-42C\_n257G2  DC\_19A-21A-42C\_n257H2  DC\_19A-21A-42C\_n257I2 | DC\_19A\_n257A  DC\_19A\_n257D  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n257A  DC\_21A\_n257D  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257D  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_21A-28A-42A\_n257A2  DC\_21A-28A-42C\_n257A2 | DC\_21A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A |
| DC\_28A-41A-42A\_n257A  DC\_28A-41A-42A\_n257G  DC\_28A-41A-42A\_n257H  DC\_28A-41A-42A\_n257I  DC\_28A-41C-42A\_n257A  DC\_28A-41C-42A\_n257G  DC\_28A-41C-42A\_n257H  DC\_28A-41C-42A\_n257I  DC\_28A-41A-42C\_n257A  DC\_28A-41A-42C\_n257G  DC\_28A-41A-42C\_n257H  DC\_28A-41A-42C\_n257I  DC\_28A-41C-42C\_n257A  DC\_28A-41C-42C\_n257G  DC\_28A-41C-42C\_n257H  DC\_28A-41C-42C\_n257I | DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability | |

#### 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) |
| --- | --- |
| DC\_1A-3A-5A-7A\_n257A  DC\_1A-3A-5A-7A\_n257D  DC\_1A-3A-5A-7A\_n257E  DC\_1A-3A-5A-7A\_n257F  DC\_1A-3A-5A-7A\_n257G  DC\_1A-3A-5A-7A\_n257H  DC\_1A-3A-5A-7A\_n257I  DC\_1A-3A-5A-7A\_n257J  DC\_1A-3A-5A-7A\_n257K  DC\_1A-3A-5A-7A\_n257L  DC\_1A-3A-5A-7A\_n257M | DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A  DC\_7A\_n257A |
| DC\_1A-3A-5A-7A-7A\_n257A2  DC\_1A-3A-5A-7A-7A\_n257D  DC\_1A-3A-5A-7A-7A\_n257E  DC\_1A-3A-5A-7A-7A\_n257F  DC\_1A-3A-5A-7A-7A\_n257G  DC\_1A-3A-5A-7A-7A\_n257H  DC\_1A-3A-5A-7A-7A\_n257I  DC\_1A-3A-5A-7A-7A\_n257J  DC\_1A-3A-5A-7A-7A\_n257K  DC\_1A-3A-5A-7A-7A\_n257L  DC\_1A-3A-5A-7A-7A\_n257M | DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A  DC\_7A\_n257A |
| DC\_1A-3A-18A-42A\_n257A  DC\_1A-3A-18A-42A\_n257D  DC\_1A-3A-18A-42A\_n257E  DC\_1A-3A-18A-42A\_n257F  DC\_1A-3A-18A-42A\_n257G  DC\_1A-3A-18A-42A\_n257H  DC\_1A-3A-18A-42A\_n257I  DC\_1A-3A-18A-42A\_n257J  DC\_1A-3A-18A-42A\_n257K  DC\_1A-3A-18A-42A\_n257L  DC\_1A-3A-18A-42A\_n257M  DC\_1A-3A-18A-42C\_n257A  DC\_1A-3A-18A-42C\_n257D  DC\_1A-3A-18A-42C\_n257E  DC\_1A-3A-18A-42C\_n257F  DC\_1A-3A-18A-42C\_n257G  DC\_1A-3A-18A-42C\_n257H  DC\_1A-3A-18A-42C\_n257I  DC\_1A-3A-18A-42C\_n257J  DC\_1A-3A-18A-42C\_n257K  DC\_1A-3A-18A-42C\_n257L  DC\_1A-3A-18A-42C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257IDC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257IDC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-3A-19A-21A\_n257A2  DC\_1A-3A-19A-21A\_n257D2  DC\_1A-3A-19A-21A\_n257E2  DC\_1A-3A-19A-21A\_n257F2 | DC\_1A\_n257A  DC\_3A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A |
| DC\_1A-3A-19A-42A\_n257A  DC\_1A-3A-19A-42A\_n257D  DC\_1A-3A-19A-42A\_n257E  DC\_1A-3A-19A-42A\_n257F  DC\_1A-3A-19A-42A\_n257G  DC\_1A-3A-19A-42A\_n257H  DC\_1A-3A-19A-42A\_n257I  DC\_1A-3A-19A-42A\_n257J  DC\_1A-3A-19A-42A\_n257K  DC\_1A-3A-19A-42A\_n257L  DC\_1A-3A-19A-42A\_n257M  DC\_1A-3A-19A-42C\_n257A  DC\_1A-3A-19A-42C\_n257D  DC\_1A-3A-19A-42C\_n257E  DC\_1A-3A-19A-42C\_n257F  DC\_1A-3A-19A-42C\_n257G  DC\_1A-3A-19A-42C\_n257H  DC\_1A-3A-19A-42C\_n257I  DC\_1A-3A-19A-42C\_n257J  DC\_1A-3A-19A-42C\_n257K  DC\_1A-3A-19A-42C\_n257L  DC\_1A-3A-19A-42C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_1A-3A-21A-42A\_n257A  DC\_1A-3A-21A-42A\_n257G  DC\_1A-3A-21A-42A\_n257H  DC\_1A-3A-21A-42A\_n257I  DC\_1A-3A-21A-42A\_n257J  DC\_1A-3A-21A-42A\_n257K  DC\_1A-3A-21A-42A\_n257L  DC\_1A-3A-21A-42A\_n257M  DC\_1A-3A-21A-42C\_n257A  DC\_1A-3A-21A-42C\_n257D  DC\_1A-3A-21A-42C\_n257E  DC\_1A-3A-21A-42C\_n257F  DC\_1A-3A-21A-42C\_n257G  DC\_1A-3A-21A-42C\_n257H  DC\_1A-3A-21A-42C\_n257I  DC\_1A-3A-21A-42C\_n257J  DC\_1A-3A-21A-42C\_n257K  DC\_1A-3A-21A-42C\_n257L  DC\_1A-3A-21A-42C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_1A-3A-28A-42A\_n257A  DC\_1A-3A-28A-42A\_n257G  DC\_1A-3A-28A-42A\_n257H  DC\_1A-3A-28A-42A\_n257I  DC\_1A-3A-28A-42A\_n257J  DC\_1A-3A-28A-42A\_n257K  DC\_1A-3A-28A-42A\_n257L  DC\_1A-3A-28A-42A\_n257M  DC\_1A-3A-28A-42C\_n257A  DC\_1A-3A-28A-42C\_n257G  DC\_1A-3A-28A-42C\_n257H  DC\_1A-3A-28A-42C\_n257I  DC\_1A-3A-28A-42C\_n257J  DC\_1A-3A-28A-42C\_n257K  DC\_1A-3A-28A-42C\_n257L  DC\_1A-3A-28A-42C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257ADC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-3A-41A-42A\_n257A  DC\_1A-3A-41A-42A\_n257D  DC\_1A-3A-41A-42A\_n257E  DC\_1A-3A-41A-42A\_n257F  DC\_1A-3A-41A-42A\_n257G  DC\_1A-3A-41A-42A\_n257H  DC\_1A-3A-41A-42A\_n257I  DC\_1A-3A-41A-42A\_n257J  DC\_1A-3A-41A-42A\_n257K  DC\_1A-3A-41A-42A\_n257L  DC\_1A-3A-41A-42A\_n257M  DC\_1A-3A-41A-42C\_n257A  DC\_1A-3A-41A-42C\_n257D  DC\_1A-3A-41A-42C\_n257E  DC\_1A-3A-41A-42C\_n257F  DC\_1A-3A-41A\_42C\_n257G  DC\_1A-3A-41A\_42C\_n257H  DC\_1A-3A-41A\_42C\_n257I  DC\_1A-3A-41A\_42C\_n257J  DC\_1A-3A-41A\_42C\_n257K  DC\_1A-3A-41A\_42C\_n257L  DC\_1A-3A-41A-42C\_n257M  DC\_1A-3A-41C-42A\_n257A  DC\_1A-3A-41C-42A\_n257D  DC\_1A-3A-41C-42A\_n257E  DC\_1A-3A-41C-42A\_n257F  DC\_1A-3A-41C-42A\_n257G  DC\_1A-3A-41C-42A\_n257H  DC\_1A-3A-41C-42A\_n257I  DC\_1A-3A-41C-42A\_n257J  DC\_1A-3A-41C-42A\_n257K  DC\_1A-3A-41C-42A\_n257L  DC\_1A-3A-41C-42A\_n257M  DC\_1A-3A-41C-42C\_n257A  DC\_1A-3A-41C-42C\_n257D  DC\_1A-3A-41C-42C\_n257E  DC\_1A-3A-41C-42C\_n257F  DC\_1A-3A-41C-42C\_n257G  DC\_1A-3A-41C-42C\_n257H  DC\_1A-3A-41C-42C\_n257I  DC\_1A-3A-41C-42C\_n257J  DC\_1A-3A-41C-42C\_n257K  DC\_1A-3A-41C-42C\_n257L  DC\_1A-3A-41C-42C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-19A-21A-42A\_n257A  DC\_1A-19A-21A-42A\_n257D  DC\_1A-19A-21A-42A\_n257E  DC\_1A-19A-21A-42A\_n257F  DC\_1A-19A-21A-42A\_n257G  DC\_1A-19A-21A-42A\_n257H  DC\_1A-19A-21A-42A\_n257I  DC\_1A-19A-21A-42A\_n257J  DC\_1A-19A-21A-42A\_n257K  DC\_1A-19A-21A-42A\_n257L  DC\_1A-19A-21A-42A\_n257M  DC\_1A-19A-21A-42C\_n257A  DC\_1A-19A-21A-42C\_n257D  DC\_1A-19A-21A-42C\_n257E  DC\_1A-19A-21A-42C\_n257F  DC\_1A-19A-21A-42C\_n257G  DC\_1A-19A-21A-42C\_n257H  DC\_1A-19A-21A-42C\_n257I  DC\_1A-19A-21A-42C\_n257J  DC\_1A-19A-21A-42C\_n257K  DC\_1A-19A-21A-42C\_n257L  DC\_1A-19A-21A-42C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n257J  DC\_1A\_n257K  DC\_1A\_n257L  DC\_1A\_n257M  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_21A\_n257J  DC\_21A\_n257K  DC\_21A\_n257L  DC\_21A\_n257M  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_1A-19A-28A-42C\_n257A | DC\_1A\_n257A  DC\_19A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A |
| DC\_1A-21A-28A-42A\_n257A | DC\_1A\_n257A  DC\_21A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A |
| DC\_2A-5A-30A-66A\_n260A | DC\_2A\_n260A  DC\_5A\_n260A  DC\_30A\_n260A  DC\_66A\_n260A |
| DC\_2A-12A-30A-66A\_n260A | DC\_2A\_n260A  DC\_12A\_n260A  DC\_30A\_n260A  DC\_66A\_n260A |
| DC\_2A-14A-30A-66A\_n260A  DC\_2A-14A-30A-66A\_n260G  DC\_2A-14A-30A-66A\_n260H  DC\_2A-14A-30A-66A\_n260I  DC\_2A-14A-30A-66A\_n260J  DC\_2A-14A-30A-66A\_n260K  DC\_2A-14A-30A-66A\_n260L  DC\_2A-14A-30A-66A\_n260M | 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\_14A\_n260A  DC\_14A\_n260G  DC\_14A\_n260H  DC\_14A\_n260I  DC\_14A\_n260J  DC\_14A\_n260K  DC\_14A\_n260L  DC\_14A\_n260M  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\_66A\_n260A  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260I  DC\_66A\_n260J  DC\_66A\_n260K  DC\_66A\_n260L  DC\_66A\_n260M |
| DC\_3A-19A-21A-42A\_n257A  DC\_3A-19A-21A-42A\_n257D  DC\_3A-19A-21A-42A\_n257E  DC\_3A-19A-21A-42A\_n257F  DC\_3A-19A-21A-42C\_n257A  DC\_3A-19A-21A-42C\_n257D  DC\_3A-19A-21A-42C\_n257E  DC\_3A-19A-21A-42C\_n257F | DC\_3A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A  DC\_3A\_n257D  DC\_19A\_n257D  DC\_21A\_n257D |
| DC\_3A-28A-41A-42A\_n257A  DC\_3A-28A-41A-42A\_n257G  DC\_3A-28A-41A-42A\_n257H  DC\_3A-28A-41A-42A\_n257I  DC\_3A-28A-41A-42C\_n257A  DC\_3A-28A-41A-42C\_n257G  DC\_3A-28A-41A-42C\_n257H  DC\_3A-28A-41A-42C\_n257I  DC\_3A-28A-41C-42A\_n257A  DC\_3A-28A-41C-42A\_n257G  DC\_3A-28A-41C-42A\_n257H  DC\_3A-28A-41C-42A\_n257I  DC\_3A-28A-41C-42C\_n257A  DC\_3A-28A-41C-42C\_n257G  DC\_3A-28A-41C-42C\_n257H  DC\_3A-28A-41C-42C\_n257I | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability | |

#### 5.5B.5.5 Void

### 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) |
| --- | --- |
| DC\_1A\_n3A-n257A  DC\_1A\_n3A-n257G  DC\_1A\_n3A-n257H  DC\_1A\_n3A-n257I | DC\_1A\_n3A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I |
| DC\_1A\_n77A-n257A  DC\_1A\_n77A-n257D  DC\_1A\_n77A-n257E  DC\_1A\_n77A-n257F  DC\_1A\_n77C-n257A  DC\_1A\_n77C-n257D  DC\_1A\_n77C-n257E  DC\_1A\_n77C-n257F | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n77A-n257A |
| DC\_1A\_n77A-n257G  DC\_1A\_n77A-n257H  DC\_1A\_n77A-n257I | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I |
| DC\_1A\_n77(2A)-n257A  DC\_1A\_n77(2A)-n257D  DC\_1A\_n77(2A)-n257G  DC\_1A\_n77(2A)-n257H  DC\_1A\_n77(2A)-n257I | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I |
| DC\_1A\_n77A-n258A | DC\_1A\_n77A  DC\_1A\_n258A |
| DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257D  DC\_1A\_n78A-n257E  DC\_1A\_n78A-n257F  DC\_1A\_n78C-n257A  DC\_1A\_n78C-n257D  DC\_1A\_n78C-n257E  DC\_1A\_n78C-n257F | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n78A-n257A |
| DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_1A\_n78A-n257J  DC\_1A\_n78A-n257K  DC\_1A\_n78A-n257L  DC\_1A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I |
| DC\_1A\_n78A-n258A | DC\_1A\_n78A  DC\_1A\_n258A |
| DC\_1A\_n79A-n257A  DC\_1A\_n79A-n257D  DC\_1A\_n79A-n257E  DC\_1A\_n79A-n257F  DC\_1A\_n79A-n257G  DC\_1A\_n79A-n257H  DC\_1A\_n79A-n257IDC\_1A\_n79C-n257A  DC\_1A\_n79C-n257D  DC\_1A\_n79C-n257E  DC\_1A\_n79C-n257F | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_257H  DC\_1A\_n257I  DC\_1A\_n79A-n257A |
| DC\_1A\_n79A-n258A | DC\_1A\_n79A  DC\_1A\_n258A |
| DC\_2A\_n12A-n258A | DC\_2A\_n258A  DC\_2A\_n12A |
| DC\_2A\_n12A-n260A | DC\_2A\_n260A  DC\_2A\_n12A |
| DC\_2A\_n12A-n261A | DC\_2A\_n261A  DC\_2A\_n12A |
| DC\_2A\_n41A-n260A  DC\_2A\_n41A-n260(2A)  DC\_2A\_n41A-n260(3A)  DC\_2A\_n41A-n260(4A) | DC\_2A\_n41A |
| DC\_2A\_n41A-n261A  DC\_2A\_n41A-n261(2A) | DC\_2A\_n41A |
| DC\_2A\_n71A-n261A  DC\_2A\_n71A-n261(2A) | DC\_2A\_n261A  DC\_2A\_n71A |
| DC\_3A\_n1A-n257A | DC\_3A\_n1A  DC\_3A\_n257A |
| DC\_3A\_n77A-n257A  DC\_3A\_n77A-n257D  DC\_3A\_n77A-n257E  DC\_3A\_n77A-n257F  DC\_3A\_n77A-n257G  DC\_3A\_n77A-n257H  DC\_3A\_n77A-n257I  DC\_3A\_n77C-n257A  DC\_3A\_n77C-n257D  DC\_3A\_n77C-n257E  DC\_3A\_n77C-n257F | DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n77A-n257A |
| DC\_3A\_n77A-n257G  DC\_3A\_n77A-n257H  DC\_3A\_n77A-n257I | DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I |
| DC\_3A\_n77(2A)-n257A  DC\_3A\_n77(2A)-n257D  DC\_3A\_n77(2A)-n257G  DC\_3A\_n77(2A)-n257H  DC\_3A\_n77(2A)-n257I | DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I |
| DC\_3A\_n77A-n258A | DC\_3A\_n77A  DC\_3A\_n258A |
| DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257D  DC\_3A\_n78A-n257E  DC\_3A\_n78A-n257F  DC\_3A\_n78C-n257A  DC\_3A\_n78C-n257D  DC\_3A\_n78C-n257E  DC\_3A\_n78C-n257F | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n78A-n257A |
| DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_3A\_n78A-n257J  DC\_3A\_n78A-n257K  DC\_3A\_n78A-n257L  DC\_3A\_n78A-n257M | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I |
| DC\_3C\_n78A-n257A  DC\_3C\_n78A-n257D  DC\_3C\_n78A-n257E  DC\_3C\_n78A-n257F  DC\_3C\_n78A-n257G  DC\_3C\_n78A-n257H  DC\_3C\_n78A-n257I  DC\_3C\_n78A-n257J  DC\_3C\_n78A-n257K  DC\_3C\_n78A-n257L  DC\_3C\_n78A-n257M | DC\_3A\_n78A  DC\_3A\_n257A |
| DC\_3A\_n78A-n258A | DC\_3A\_n78A  DC\_3A\_n258A |
| DC\_3A-3A\_n78A-n257A  DC\_3A-3A\_n78A-n257D  DC\_3A-3A\_n78A-n257E  DC\_3A-3A\_n78A-n257F  DC\_3A-3A\_n78A-n257G  DC\_3A-3A\_n78A-n257H  DC\_3A-3A\_n78A-n257I  DC\_3A-3A\_n78A-n257J  DC\_3A-3A\_n78A-n257K  DC\_3A-3A\_n78A-n257L  DC\_3A-3A\_n78A-n257M | DC\_3A\_n78A  DC\_3A\_n257A |
| DC\_3A\_n79A-n257A  DC\_3A\_n79A-n257D  DC\_3A\_n79A-n257E  DC\_3A\_n79A-n257F  DC\_3A\_n79A-n257G  DC\_3A\_n79A-n257H  DC\_3A\_n79A-n257I  DC\_3A\_n79C-n257A  DC\_3A\_n79C-n257D  DC\_3A\_n79C-n257E  DC\_3A\_n79C-n257F | DC\_3A\_n79A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n79A-n257A |
| DC\_3A\_n79A-n258A | DC\_3A\_n79A  DC\_3A\_n258A |
| DC\_5A\_n78A-n257A2  DC\_5A\_n78A-n257D  DC\_5A\_n78A-n257E  DC\_5A\_n78A-n257F  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I  DC\_5A\_n78A-n257J  DC\_5A\_n78A-n257K  DC\_5A\_n78A-n257L  DC\_5A\_n78A-n257M | DC\_5A\_n78A  DC\_5A\_n257A |
| DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257D  DC\_7A\_n78A-n257E  DC\_7A\_n78A-n257F  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I  DC\_7A\_n78A-n257J  DC\_7A\_n78A-n257K  DC\_7A\_n78A-n257L  DC\_7A\_n78A-n257M | DC\_7A\_n78A  DC\_7A\_n257A |
| DC\_7A-7A\_n78A-n257A  DC\_7A-7A\_n78A-n257D  DC\_7A-7A\_n78A-n257E  DC\_7A-7A\_n78A-n257F  DC\_7A-7A\_n78A-n257G  DC\_7A-7A\_n78A-n257H  DC\_7A-7A\_n78A-n257I  DC\_7A-7A\_n78A-n257J  DC\_7A-7A\_n78A-n257K  DC\_7A-7A\_n78A-n257L  DC\_7A-7A\_n78A-n257M | DC\_7A\_n78A  DC\_7A\_n257A  DC\_7A\_n78A-n257A |
| DC\_8A\_n77A-n257A  DC\_8A\_n77A-n257D  DC\_8A\_n77A-n257G  DC\_8A\_n77A-n257H  DC\_8A\_n77A-n257I | DC\_8A\_n77A  DC\_8A\_n257A |
| DC\_8A\_n77(2A)-n257A  DC\_8A\_n77(2A)-n257D  DC\_8A\_n77(2A)-n257G  DC\_8A\_n77(2A)-n257H  DC\_8A\_n77(2A)-n257I | DC\_8A\_n77A  DC\_8A\_n257A |
| DC\_11A\_n77A-n257A  DC\_11A\_n77A-n257D  DC\_11A\_n77A-n257G  DC\_11A\_n77A-n257H  DC\_11A\_n77A-n257I | DC\_11A\_n77A  DC\_11A\_n257A |
| DC\_19A\_n77A-n257A  DC\_19A\_n77A-n257D  DC\_19A\_n77A-n257E  DC\_19A\_n77A-n257F  DC\_19A\_n77A-n257G  DC\_19A\_n77A-n257H  DC\_19A\_n77A-n257I  DC\_19A\_n77C-n257A  DC\_19A\_n77C-n257D  DC\_19A\_n77C-n257E  DC\_19A\_n77C-n257F | DC\_19A\_n77A  DC\_19A\_n257A  DC\_19A\_n257GDC\_19A\_n257H  DC\_19A\_n257I  DC\_19A\_n77A-n257A |
| DC\_19A\_n78A-n257A  DC\_19A\_n78A-n257D  DC\_19A\_n78A-n257E  DC\_19A\_n78A-n257F  DC\_19A\_n78A-n257G  DC\_19A\_n78A-n257H  DC\_19A\_n78A-n257I  DC\_19A\_n78C-n257A  DC\_19A\_n78C-n257D  DC\_19A\_n78C-n257E  DC\_19A\_n78C-n257F | DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_19A\_n78A-n257A |
| DC\_19A\_n79A-n257A  DC\_19A\_n79A-n257D  DC\_19A\_n79A-n257E  DC\_19A\_n79A-n257F  DC\_19A\_n79A-n257G  DC\_19A\_n79A-n257H  DC\_19A\_n79A-n257I  DC\_19A\_n79C-n257A  DC\_19A\_n79C-n257D  DC\_19A\_n79C-n257E  DC\_19A\_n79C-n257F | DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_19A\_n79A-n257A |
| DC\_21A\_n77A-n257A  DC\_21A\_n77A-n257G  DC\_21A\_n77A-n257H  DC\_21A\_n77A-n257I | DC\_21A\_n77A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I |
| DC\_8A\_n78A-n257A  DC\_8A\_n78A-n257D  DC\_8A\_n78A-n257E  DC\_8A\_n78A-n257F  DC\_8A\_n78A-n257G  DC\_8A\_n78A-n257H  DC\_8A\_n78A-n257I  DC\_8A\_n78A-n257J  DC\_8A\_n78A-n257K  DC\_8A\_n78A-n257L  DC\_8A\_n78A-n257M | DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_11A\_n77A-n257A  DC\_11A\_n77A-n257D  DC\_11A\_n77A-n257G  DC\_11A\_n77A-n257H  DC\_11A\_n77A-n257I | DC\_11A\_n77A  DC\_11A\_n257A |
| DC\_18A\_n3A-n257A  DC\_18A\_n3A-n257G  DC\_18A\_n3A-n257H  DC\_18A\_n3A-n257I | DC\_18A\_n3A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I |
| DC\_18A\_n78A-n257A  DC\_18A\_n78A-n257G  DC\_18A\_n78A-n257H  DC\_18A\_n78A-n257I | DC\_18A\_n78A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I |
| DC\_21A\_n78A-n257A  DC\_21A\_n78A-n257G  DC\_21A\_n78A-n257H  DC\_21A\_n78A-n257I | DC\_21A\_n78A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I |
| DC\_21A\_n79A-n257A  DC\_21A\_n79A-n257G  DC\_21A\_n79A-n257H  DC\_21A\_n79A-n257I | DC\_21A\_n79A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I |
| DC\_28A\_n3A-n257A  DC\_28A\_n3A-n257G  DC\_28A\_n3A-n257H  DC\_28A\_n3A-n257I | DC\_28A\_n3A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_28A\_n77A-n257A  DC\_28A\_n77A-n257D  DC\_28A\_n77A-n257G  DC\_28A\_n77A-n257H  DC\_28A\_n77A-n257I | DC\_28A\_n77A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_28A\_n78A-n257A  DC\_28A\_n78A-n257G  DC\_28A\_n78A-n257H  DC\_28A\_n78A-n257I | DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_28A\_n8A-n258A | DC\_28A\_n8A  DC\_28A\_n258A |
| DC\_41A\_n78A-n257A  DC\_41A\_n78A-n257G  DC\_41A\_n78A-n257H  DC\_41A\_n78A-n257I  DC\_41C\_n78A-n257A  DC\_41C\_n78A-n257G  DC\_41C\_n78A-n257H  DC\_41C\_n78A-n257I | DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_42A\_n77A-n257A  DC\_42A\_n77A-n257G  DC\_42A\_n77A-n257H  DC\_42A\_n77A-n257I  DC\_42C\_n77A-n257A  DC\_42C\_n77A-n257G  DC\_42C\_n77A-n257H  DC\_42C\_n77A-n257I | DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_42A\_n78A-n257A  DC\_42A\_n78A-n257G  DC\_42A\_n78A-n257H  DC\_42A\_n78A-n257I  DC\_42C\_n78A-n257A  DC\_42C\_n78A-n257G  DC\_42C\_n78A-n257H  DC\_42C\_n78A-n257I | DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_42A\_n79A-n257A  DC\_42A\_n79A-n257G  DC\_42A\_n79A-n257H  DC\_42A\_n79A-n257I  DC\_42C\_n79A-n257A  DC\_42C\_n79A-n257G  DC\_42C\_n79A-n257H  DC\_42C\_n79A-n257I | DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_66A\_n5A-n260A | DC\_66A\_n5A  DC\_66A\_n260A |
| DC\_66A\_n12A-n258A | DC\_66A\_n258A  DC\_66A\_n12A |
| DC\_66A\_n12A-n260A | DC\_66A\_n260A  DC\_66A\_n12A |
| DC\_66A\_n12A-n261A | DC\_66A\_n261A  DC\_66A\_n12A |
| DC\_66A\_n41A-n260A  DC\_66A\_n41A-n260(2A)  DC\_66A\_n41A-n260(3A)  DC\_66A\_n41A-n260(4A) | DC\_66A\_n41A |
| DC\_66A\_n41A-n261A  DC\_66A\_n41A-n261(2A) | DC\_66A\_n41A |
| DC\_66A\_n71A-n260A  DC\_66A\_n71A-n260(2A) | DC\_66A\_n71A  DC\_66A\_n260A |
| DC\_66A\_n71A-n261A  DC\_66A\_n71A-n261(2A) | DC\_66A\_n71A  DC\_66A\_n261A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability | |

#### 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) |
| --- | --- |
| DC\_1A-3A\_n77A-n257A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_1A\_n257A  DC\_3A\_n257A |
| DC\_1A-3A\_n77A-n257D | DC\_1A\_n77A  DC\_3A\_n77A  DC\_1A\_n257A  DC\_1A\_n257D  DC\_3A\_n257A  DC\_3A\_n257D |
| DC\_1A-3A\_n77A-n257G | DC\_1A\_n77A  DC\_3A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_3A\_n257A  DC\_3A\_n257G |
| DC\_1A-3A\_n77A-n257H | DC\_1A\_n77A  DC\_3A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H |
| DC\_1A-3A\_n77A-n257I | DC\_1A\_n77A  DC\_3A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I |
| DC\_1A-3A\_n78A-n257A  DC\_1A-3A\_n78A-n257D  DC\_1A-3A\_n78A-n257E  DC\_1A-3A\_n78A-n257F  DC\_1A-3A\_n78A-n257G  DC\_1A-3A\_n78A-n257H  DC\_1A-3A\_n78A-n257I  DC\_1A-3A\_n78A-n257J  DC\_1A-3A\_n78A-n257K  DC\_1A-3A\_n78A-n257L  DC\_1A-3A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I |
| DC\_1A-3A\_n79A-n257A  DC\_1A-3A\_n79A-n257G  DC\_1A-3A\_n79A-n257H  DC\_1A-3A\_n79A-n257I | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n79A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I |
| DC\_1A-5A\_n78A-n257A  DC\_1A-5A\_n78A-n257D  DC\_1A-5A\_n78A-n257E  DC\_1A-5A\_n78A-n257F  DC\_1A-5A\_n78A-n257G  DC\_1A-5A\_n78A-n257H  DC\_1A-5A\_n78A-n257I  DC\_1A-5A\_n78A-n257J  DC\_1A-5A\_n78A-n257K  DC\_1A-5A\_n78A-n257L  DC\_1A-5A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A |
| DC\_1A-7A\_n78A-n257A  DC\_1A-7A\_n78A-n257D  DC\_1A-7A\_n78A-n257E  DC\_1A-7A\_n78A-n257F  DC\_1A-7A\_n78A-n257G  DC\_1A-7A\_n78A-n257H  DC\_1A-7A\_n78A-n257I  DC\_1A-7A\_n78A-n257J  DC\_1A-7A\_n78A-n257K  DC\_1A-7A\_n78A-n257L  DC\_1A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A |
| DC\_1A-7A-7A\_n78A-n257A  DC\_1A-7A-7A\_n78A-n257D  DC\_1A-7A-7A\_n78A-n257E  DC\_1A-7A-7A\_n78A-n257F  DC\_1A-7A-7A\_n78A-n257G  DC\_1A-7A-7A\_n78A-n257H  DC\_1A-7A-7A\_n78A-n257I  DC\_1A-7A-7A\_n78A-n257J  DC\_1A-7A-7A\_n78A-n257K  DC\_1A-7A-7A\_n78A-n257L  DC\_1A-7A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A |
| DC\_1A-8A\_n77A-n257A  DC\_1A-8A\_n77A-n257D  DC\_1A-8A\_n77A-n257G  DC\_1A-8A\_n77A-n257H  DC\_1A-8A\_n77A-n257I | DC\_1A\_n77A  DC\_1A\_n257A  DC\_8A\_n77A  DC\_8A\_n257A |
| DC\_1A-8A\_n77(2A)-n257A  DC\_1A-8A\_n77(2A)-n257D  DC\_1A-8A\_n77(2A)-n257G  DC\_1A-8A\_n77(2A)-n257H  DC\_1A-8A\_n77(2A)-n257I | DC\_1A\_n77A  DC\_1A\_n257A  DC\_8A\_n77A  DC\_8A\_n257A |
| DC\_1A-8A\_n78A-n257A  DC\_1A-8A\_n78A-n257D  DC\_1A-8A\_n78A-n257E  DC\_1A-8A\_n78A-n257F  DC\_1A-8A\_n78A-n257G  DC\_1A-8A\_n78A-n257H  DC\_1A-8A\_n78A-n257I  DC\_1A-8A\_n78A-n257J  DC\_1A-8A\_n78A-n257K  DC\_1A-8A\_n78A-n257L  DC\_1A-8A\_n78A-n257M | DC\_1A\_n78A  DC\_8A\_n78A  DC\_1A\_n257A  DC\_8A\_n257A |
| DC\_1A-11A\_n77A-n257A  DC\_1A-11A\_n77A-n257D  DC\_1A-11A\_n77A-n257G  DC\_1A-11A\_n77A-n257H  DC\_1A-11A\_n77A-n257I | DC\_1A\_n77A  DC\_1A\_n257A  DC\_11A\_n77A  DC\_11A\_n257A |
| DC\_1A-18A\_n3A-n257A  DC\_1A-18A\_n3A-n257G  DC\_1A-18A\_n3A-n257H  DC\_1A-18A\_n3A-n257I | DC\_1A\_n3A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_18A\_n3A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I |
| DC\_1A-18A\_n78A-n257A  DC\_1A-18A\_n78A-n257G  DC\_1A-18A\_n78A-n257H  DC\_1A-18A\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_18A\_n78A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I |
| DC\_1A-19A\_n77A-n257A  DC\_1A-19A\_n77A-n257G  DC\_1A-19A\_n77A-n257H  DC\_1A-19A\_n77A-n257I | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_19A\_n77A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I |
| DC\_1A-19A\_n78A-n257A  DC\_1A-19A\_n78A-n257G  DC\_1A-19A\_n78A-n257H  DC\_1A-19A\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I |
| DC\_1A-19A\_n79A-n257A  DC\_1A-19A\_n79A-n257G  DC\_1A-19A\_n79A-n257H  DC\_1A-19A\_n79A-n257I | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I |
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| DC\_19A-42A\_n79A-n257A  DC\_19A-42A\_n79A-n257G  DC\_19A-42A\_n79A-n257H  DC\_19A-42A\_n79A-n257I  DC\_19A-42C\_n79A-n257A  DC\_19A-42C\_n79A-n257G  DC\_19A-42C\_n79A-n257H  DC\_19A-42C\_n79A-n257I | DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_21A-42A\_n77A-n257A  DC\_21A-42A\_n77A-n257G  DC\_21A-42A\_n77A-n257H  DC\_21A-42A\_n77A-n257I  DC\_21A-42C\_n77A-n257A  DC\_21A-42C\_n77A-n257G  DC\_21A-42C\_n77A-n257H  DC\_21A-42C\_n77A-n257I | DC\_21A\_n77A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_21A-42A\_n78A-n257A  DC\_21A-42A\_n78A-n257G  DC\_21A-42A\_n78A-n257H  DC\_21A-42A\_n78A-n257I  DC\_21A-42C\_n78A-n257A  DC\_21A-42C\_n78A-n257G  DC\_21A-42C\_n78A-n257H  DC\_21A-42C\_n78A-n257I | DC\_21A\_n78A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_21A-42A\_n79A-n257A  DC\_21A-42A\_n79A-n257G  DC\_21A-42A\_n79A-n257H  DC\_21A-42A\_n79A-n257I  DC\_21A-42C\_n79A-n257A  DC\_21A-42C\_n79A-n257G  DC\_21A-42C\_n79A-n257H  DC\_21A-42C\_n79A-n257I | DC\_21A\_n79A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_28A-41A\_n78A-n257A  DC\_28A-41A\_n78A-n257G  DC\_28A-41A\_n78A-n257H  DC\_28A-41A\_n78A-n257I  DC\_28A-41C\_n78A-n257A  DC\_28A-41C\_n78A-n257G  DC\_28A-41C\_n78A-n257H  DC\_28A-41C\_n78A-n257I | DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_28A-42A\_n78A-n257A  DC\_28A-42A\_n78A-n257G  DC\_28A-42A\_n78A-n257H  DC\_28A-42A\_n78A-n257I  DC\_28A-42C\_n78A-n257A  DC\_28A-42C\_n78A-n257G  DC\_28A-42C\_n78A-n257H  DC\_28A-42C\_n78A-n257I | DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_41A-42A\_n78A-n257A  DC\_41A-42A\_n78A-n257G  DC\_41A-42A\_n78A-n257H  DC\_41A-42A\_n78A-n257I  DC\_41A-42C\_n78A-n257A  DC\_41A-42C\_n78A-n257G  DC\_41A-42C\_n78A-n257H  DC\_41A-42C\_n78A-n257I  DC\_41C-42A\_n78A-n257A  DC\_41C-42A\_n78A-n257G  DC\_41C-42A\_n78A-n257H  DC\_41C-42A\_n78A-n257I  DC\_41C-42C\_n78A-n257A  DC\_41C-42C\_n78A-n257G  DC\_41C-42C\_n78A-n257H  DC\_41C-42C\_n78A-n257I | DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| NOTE 1: Uplink EN-DC 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) |
| --- | --- |
| DC\_1A-3A-5A\_n78A-n257A  DC\_1A-3A-5A\_n78A-n257D  DC\_1A-3A-5A\_n78A-n257E  DC\_1A-3A-5A\_n78A-n257F  DC\_1A-3A-5A\_n78A-n257G  DC\_1A-3A-5A\_n78A-n257H  DC\_1A-3A-5A\_n78A-n257I  DC\_1A-3A-5A\_n78A-n257J  DC\_1A-3A-5A\_n78A-n257K  DC\_1A-3A-5A\_n78A-n257L  DC\_1A-3A-5A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A |
| DC\_1A-3A-7A\_n78A-n257A  DC\_1A-3A-7A\_n78A-n257D  DC\_1A-3A-7A\_n78A-n257E  DC\_1A-3A-7A\_n78A-n257F  DC\_1A-3A-7A\_n78A-n257G  DC\_1A-3A-7A\_n78A-n257H  DC\_1A-3A-7A\_n78A-n257I  DC\_1A-3A-7A\_n78A-n257J  DC\_1A-3A-7A\_n78A-n257K  DC\_1A-3A-7A\_n78A-n257L  DC\_1A-3A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A |
| DC\_1A-3A-7A-7A\_n78A-n257A  DC\_1A-3A-7A-7A\_n78A-n257D  DC\_1A-3A-7A-7A\_n78A-n257E  DC\_1A-3A-7A-7A\_n78A-n257F  DC\_1A-3A-7A-7A\_n78A-n257G  DC\_1A-3A-7A-7A\_n78A-n257H  DC\_1A-3A-7A-7A\_n78A-n257I  DC\_1A-3A-7A-7A\_n78A-n257J  DC\_1A-3A-7A-7A\_n78A-n257K  DC\_1A-3A-7A-7A\_n78A-n257L  DC\_1A-3A-7A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A |
| DC\_1A-3A-8A\_n78A-n257A  DC\_1A-3A-8A\_n78A-n257D  DC\_1A-3A-8A\_n78A-n257E  DC\_1A-3A-8A\_n78A-n257F  DC\_1A-3A-8A\_n78A-n257G  DC\_1A-3A-8A\_n78A-n257H  DC\_1A-3A-8A\_n78A-n257I  DC\_1A-3A-8A\_n78A-n257J  DC\_1A-3A-8A\_n78A-n257K  DC\_1A-3A-8A\_n78A-n257L  DC\_1A-3A-8A\_n78A-n257M  DC\_1A-3C-8A\_n78A-n257A  DC\_1A-3C-8A\_n78A-n257D  DC\_1A-3C-8A\_n78A-n257E  DC\_1A-3C-8A\_n78A-n257F  DC\_1A-3C-8A\_n78A-n257G  DC\_1A-3C-8A\_n78A-n257H  DC\_1A-3C-8A\_n78A-n257I  DC\_1A-3C-8A\_n78A-n257J  DC\_1A-3C-8A\_n78A-n257K  DC\_1A-3C-8A\_n78A-n257L  DC\_1A-3C-8A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_1A-3A-18A\_n78A-n257A  DC\_1A-3A-18A\_n78A-n257G  DC\_1A-3A-18A\_n78A-n257H  DC\_1A-3A-18A\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_18A\_n78A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I |
| DC\_1A-3A-21A\_n77A-n257A  DC\_1A-3A-21A\_n77A-n257G  DC\_1A-3A-21A\_n77A-n257H  DC\_1A-3A-21A\_n77A-n257I | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_21A\_n77A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I |
| DC\_1A-3A-21A\_n78A-n257A  DC\_1A-3A-21A\_n78A-n257G  DC\_1A-3A-21A\_n78A-n257H  DC\_1A-3A-21A\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_21A\_n78A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I |
| DC\_1A-3A-21A\_n79A-n257A  DC\_1A-3A-21A\_n79A-n257G  DC\_1A-3A-21A\_n79A-n257H  DC\_1A-3A-21A\_n79A-n257I | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n79A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_21A\_n79A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I |
| DC\_1A-3A-28A\_n78A-n257A  DC\_1A-3A-28A\_n78A-n257G  DC\_1A-3A-28A\_n78A-n257H  DC\_1A-3A-28A\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_1A-3A-41A\_n78A-n257A  DC\_1A-3A-41A\_n78A-n257G  DC\_1A-3A-41A\_n78A-n257H  DC\_1A-3A-41A\_n78A-n257I  DC\_1A-3A-41C\_n78A-n257A  DC\_1A-3A-41C\_n78A-n257G  DC\_1A-3A-41C\_n78A-n257H  DC\_1A-3A-41C\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_1A-3A-42A\_n78A-n257A  DC\_1A-3A-42A\_n78A-n257G  DC\_1A-3A-42A\_n78A-n257H  DC\_1A-3A-42A\_n78A-n257I  DC\_1A-3A-42C\_n78A-n257A  DC\_1A-3A-42C\_n78A-n257G  DC\_1A-3A-42C\_n78A-n257H  DC\_1A-3A-42C\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-5A-7A\_n78A-n257A  DC\_1A-5A-7A\_n78A-n257D  DC\_1A-5A-7A\_n78A-n257E  DC\_1A-5A-7A\_n78A-n257F  DC\_1A-5A-7A\_n78A-n257G  DC\_1A-5A-7A\_n78A-n257H  DC\_1A-5A-7A\_n78A-n257I  DC\_1A-5A-7A\_n78A-n257J  DC\_1A-5A-7A\_n78A-n257K  DC\_1A-5A-7A\_n78A-n257L  DC\_1A-5A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A |
| DC\_1A-5A-7A-7A\_n78A-n257A  DC\_1A-5A-7A-7A\_n78A-n257D  DC\_1A-5A-7A-7A\_n78A-n257E  DC\_1A-5A-7A-7A\_n78A-n257F  DC\_1A-5A-7A-7A\_n78A-n257G  DC\_1A-5A-7A-7A\_n78A-n257H  DC\_1A-5A-7A-7A\_n78A-n257I  DC\_1A-5A-7A-7A\_n78A-n257J  DC\_1A-5A-7A-7A\_n78A-n257K  DC\_1A-5A-7A-7A\_n78A-n257L  DC\_1A-5A-7A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A |
| DC\_1A-8A-11A\_n77A-n257A  DC\_1A-8A-11A\_n77A-n257D  DC\_1A-8A-11A\_n77A-n257G  DC\_1A-8A-11A\_n77A-n257H  DC\_1A-8A-11A\_n77A-n257I | DC\_1A\_n77A  DC\_1A\_n257A  DC\_8A\_n77A  DC\_8A\_n257A  DC\_11A\_n77A  DC\_11A\_n257A |
| DC\_1A-18A-42A\_n78A-n257A  DC\_1A-18A-42A\_n78A-n257G  DC\_1A-18A-42A\_n78A-n257H  DC\_1A-18A-42A\_n78A-n257I  DC\_1A-18A-42C\_n78A-n257A  DC\_1A-18A-42C\_n78A-n257G  DC\_1A-18A-42C\_n78A-n257H  DC\_1A-18A-42C\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_18A\_n78A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-19A-42A\_n77A-n257A  DC\_1A-19A-42A\_n77A-n257G  DC\_1A-19A-42A\_n77A-n257H  DC\_1A-19A-42A\_n77A-n257I  DC\_1A-19A-42C\_n77A-n257A  DC\_1A-19A-42C\_n77A-n257G  DC\_1A-19A-42C\_n77A-n257H  DC\_1A-19A-42C\_n77A-n257I | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_19A\_n77A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_1A-19A-42A\_n78A-n257A  DC\_1A-19A-42A\_n78A-n257G  DC\_1A-19A-42A\_n78A-n257H  DC\_1A-19A-42A\_n78A-n257I  DC\_1A-19A-42C\_n78A-n257A  DC\_1A-19A-42C\_n78A-n257G  DC\_1A-19A-42C\_n78A-n257H  DC\_1A-19A-42C\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_1A-19A-42A\_n79A-n257A  DC\_1A-19A-42A\_n79A-n257G  DC\_1A-19A-42A\_n79A-n257H  DC\_1A-19A-42A\_n79A-n257I  DC\_1A-19A-42C\_n79A-n257A  DC\_1A-19A-42C\_n79A-n257G  DC\_1A-19A-42C\_n79A-n257H  DC\_1A-19A-42C\_n79A-n257I | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_1A-21A-42A\_n77A-n257A  DC\_1A-21A-42A\_n77A-n257G  DC\_1A-21A-42A\_n77A-n257H  DC\_1A-21A-42A\_n77A-n257I  DC\_1A-21A-42C\_n77A-n257A  DC\_1A-21A-42C\_n77A-n257G  DC\_1A-21A-42C\_n77A-n257H  DC\_1A-21A-42C\_n77A-n257I | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_21A\_n77A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_1A-21A-42A\_n78A-n257A  DC\_1A-21A-42A\_n78A-n257G  DC\_1A-21A-42A\_n78A-n257H  DC\_1A-21A-42A\_n78A-n257I  DC\_1A-21A-42C\_n78A-n257A  DC\_1A-21A-42C\_n78A-n257G  DC\_1A-21A-42C\_n78A-n257H  DC\_1A-21A-42C\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_21A\_n78A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_1A-21A-42A\_n79A-n257A  DC\_1A-21A-42A\_n79A-n257G  DC\_1A-21A-42A\_n79A-n257H  DC\_1A-21A-42A\_n79A-n257I  DC\_1A-21A-42C\_n79A-n257A  DC\_1A-21A-42C\_n79A-n257G  DC\_1A-21A-42C\_n79A-n257H  DC\_1A-21A-42C\_n79A-n257I | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_21A\_n79A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_1A-28A-42A\_n78A-n257A  DC\_1A-28A-42A\_n78A-n257G  DC\_1A-28A-42A\_n78A-n257H  DC\_1A-28A-42A\_n78A-n257I  DC\_1A-28A-42C\_n78A-n257A  DC\_1A-28A-42C\_n78A-n257G  DC\_1A-28A-42C\_n78A-n257H  DC\_1A-28A-42C\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-41A-42A\_n78A-n257A  DC\_1A-41A-42A\_n78A-n257G  DC\_1A-41A-42A\_n78A-n257H  DC\_1A-41A-42A\_n78A-n257I  DC\_1A-41A-42C\_n78A-n257A  DC\_1A-41A-42C\_n78A-n257G  DC\_1A-41A-42C\_n78A-n257H  DC\_1A-41A-42C\_n78A-n257I  DC\_1A-41C-42A\_n78A-n257A  DC\_1A-41C-42A\_n78A-n257G  DC\_1A-41C-42A\_n78A-n257H  DC\_1A-41C-42A\_n78A-n257I  DC\_1A-41C-42C\_n78A-n257A  DC\_1A-41C-42C\_n78A-n257G  DC\_1A-41C-42C\_n78A-n257H  DC\_1A-41C-42C\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_3A-5A-7A\_n78A-n257A  DC\_3A-5A-7A\_n78A-n257D  DC\_3A-5A-7A\_n78A-n257E  DC\_3A-5A-7A\_n78A-n257F  DC\_3A-5A-7A\_n78A-n257G  DC\_3A-5A-7A\_n78A-n257H  DC\_3A-5A-7A\_n78A-n257I  DC\_3A-5A-7A\_n78A-n257J  DC\_3A-5A-7A\_n78A-n257K  DC\_3A-5A-7A\_n78A-n257L  DC\_3A-5A-7A\_n78A-n257M | DC\_3A\_n78A  DC\_3A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A |
| DC\_3A-5A-7A-7A\_n78A-n257A  DC\_3A-5A-7A-7A\_n78A-n257D  DC\_3A-5A-7A-7A\_n78A-n257E  DC\_3A-5A-7A-7A\_n78A-n257F  DC\_3A-5A-7A-7A\_n78A-n257G  DC\_3A-5A-7A-7A\_n78A-n257H  DC\_3A-5A-7A-7A\_n78A-n257I  DC\_3A-5A-7A-7A\_n78A-n257J  DC\_3A-5A-7A-7A\_n78A-n257K  DC\_3A-5A-7A-7A\_n78A-n257L  DC\_3A-5A-7A-7A\_n78A-n257M | DC\_3A\_n78A  DC\_3A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A |
| DC\_3A-18A-42A\_n78A-n257A  DC\_3A-18A-42A\_n78A-n257G  DC\_3A-18A-42A\_n78A-n257H  DC\_3A-18A-42A\_n78A-n257I  DC\_3A-18A-42C\_n78A-n257A  DC\_3A-18A-42C\_n78A-n257G  DC\_3A-18A-42C\_n78A-n257H  DC\_3A-18A-42C\_n78A-n257I | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_18A\_n78A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_3A-28A-41A\_n78A-n257A  DC\_3A-28A-41A\_n78A-n257G  DC\_3A-28A-41A\_n78A-n257H  DC\_3A-28A-41A\_n78A-n257I  DC\_3A-28A-41C\_n78A-n257A  DC\_3A-28A-41C\_n78A-n257G  DC\_3A-28A-41C\_n78A-n257H  DC\_3A-28A-41C\_n78A-n257I | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_3A-28A-42A\_n78A-n257A  DC\_3A-28A-42A\_n78A-n257G  DC\_3A-28A-42A\_n78A-n257H  DC\_3A-28A-42A\_n78A-n257I  DC\_3A-28A-42C\_n78A-n257A  DC\_3A-28A-42C\_n78A-n257G  DC\_3A-28A-42C\_n78A-n257H  DC\_3A-28A-42C\_n78A-n257I | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_3A-41A-42A\_n78A-n257A  DC\_3A-41A-42A\_n78A-n257G  DC\_3A-41A-42A\_n78A-n257H  DC\_3A-41A-42A\_n78A-n257I  DC\_3A-41A-42C\_n78A-n257A  DC\_3A-41A-42C\_n78A-n257G  DC\_3A-41A-42C\_n78A-n257H  DC\_3A-41A-42C\_n78A-n257I  DC\_3A-41C-42A\_n78A-n257A  DC\_3A-41C-42A\_n78A-n257G  DC\_3A-41C-42A\_n78A-n257H  DC\_3A-41C-42A\_n78A-n257I  DC\_3A-41C-42C\_n78A-n257A  DC\_3A-41C-42C\_n78A-n257G  DC\_3A-41C-42C\_n78A-n257H  DC\_3A-41C-42C\_n78A-n257I | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_19A-21A-42A\_n77A-n257A  DC\_19A-21A-42A\_n77A-n257G  DC\_19A-21A-42A\_n77A-n257H  DC\_19A-21A-42A\_n77A-n257I  DC\_19A-21A-42C\_n77A-n257A  DC\_19A-21A-42C\_n77A-n257G  DC\_19A-21A-42C\_n77A-n257H  DC\_19A-21A-42C\_n77A-n257I | DC\_19A\_n77A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n77A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_19A-21A-42A\_n78A-n257A  DC\_19A-21A-42A\_n78A-n257G  DC\_19A-21A-42A\_n78A-n257H  DC\_19A-21A-42A\_n78A-n257I  DC\_19A-21A-42C\_n78A-n257A  DC\_19A-21A-42C\_n78A-n257G  DC\_19A-21A-42C\_n78A-n257H  DC\_19A-21A-42C\_n78A-n257I | DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n78A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_19A-21A-42A\_n79A-n257A  DC\_19A-21A-42A\_n79A-n257G  DC\_19A-21A-42A\_n79A-n257H  DC\_19A-21A-42A\_n79A-n257I  DC\_19A-21A-42C\_n79A-n257A  DC\_19A-21A-42C\_n79A-n257G  DC\_19A-21A-42C\_n79A-n257H  DC\_19A-21A-42C\_n79A-n257I | DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n79A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_28A-41A-42A\_n78A-n257A  DC\_28A-41A-42A\_n78A-n257G  DC\_28A-41A-42A\_n78A-n257H  DC\_28A-41A-42A\_n78A-n257I  DC\_28A-41A-42C\_n78A-n257A  DC\_28A-41A-42C\_n78A-n257G  DC\_28A-41A-42C\_n78A-n257H  DC\_28A-41A-42C\_n78A-n257I  DC\_28A-41C-42A\_n78A-n257A  DC\_28A-41C-42A\_n78A-n257G  DC\_28A-41C-42A\_n78A-n257H  DC\_28A-41C-42A\_n78A-n257I  DC\_28A-41C-42C\_n78A-n257A  DC\_28A-41C-42C\_n78A-n257G  DC\_28A-41C-42C\_n78A-n257H  DC\_28A-41C-42C\_n78A-n257I | DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications. | |

#### 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) |
| --- | --- |
| DC\_1A-3A-5A-7A-7A\_n78A-n257A  DC\_1A-3A-5A-7A-7A\_n78A-n257D  DC\_1A-3A-5A-7A-7A\_n78A-n257E  DC\_1A-3A-5A-7A-7A\_n78A-n257F  DC\_1A-3A-5A-7A-7A\_n78A-n257G  DC\_1A-3A-5A-7A-7A\_n78A-n257H  DC\_1A-3A-5A-7A-7A\_n78A-n257I  DC\_1A-3A-5A-7A-7A\_n78A-n257J  DC\_1A-3A-5A-7A-7A\_n78A-n257K  DC\_1A-3A-5A-7A-7A\_n78A-n257L  DC\_1A-3A-5A-7A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A  DC\_7A\_n257A |
| DC\_1A-3A-5A-7A\_n78A-n257A  DC\_1A-3A-5A-7A\_n78A-n257D  DC\_1A-3A-5A-7A\_n78A-n257E  DC\_1A-3A-5A-7A\_n78A-n257F  DC\_1A-3A-5A-7A\_n78A-n257G  DC\_1A-3A-5A-7A\_n78A-n257H  DC\_1A-3A-5A-7A\_n78A-n257I  DC\_1A-3A-5A-7A\_n78A-n257J  DC\_1A-3A-5A-7A\_n78A-n257K  DC\_1A-3A-5A-7A\_n78A-n257L  DC\_1A-3A-5A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A |
| DC\_1A-3A-18A-42A\_n78A-n257A  DC\_1A-3A-18A-42A\_n78A-n257G  DC\_1A-3A-18A-42A\_n78A-n257H  DC\_1A-3A-18A-42A\_n78A-n257I  DC\_1A-3A-18A-42C\_n78A-n257A  DC\_1A-3A-18A-42C\_n78A-n257G  DC\_1A-3A-18A-42C\_n78A-n257H  DC\_1A-3A-18A-42C\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_18A\_n78A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-3A-28A-42A\_n78A-n257A  DC\_1A-3A-28A-42A\_n78A-n257G  DC\_1A-3A-28A-42A\_n78A-n257H  DC\_1A-3A-28A-42A\_n78A-n257I  DC\_1A-3A-28A-42C\_n78A-n257A  DC\_1A-3A-28A-42C\_n78A-n257G  DC\_1A-3A-28A-42C\_n78A-n257H  DC\_1A-3A-28A-42C\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-3A-41A-42A\_n78A-n257A  DC\_1A-3A-41A-42A\_n78A-n257G  DC\_1A-3A-41A-42A\_n78A-n257H  DC\_1A-3A-41A-42A\_n78A-n257I  DC\_1A-3A-41A-42C\_n78A-n257A  DC\_1A-3A-41A-42C\_n78A-n257G  DC\_1A-3A-41A-42C\_n78A-n257H  DC\_1A-3A-41A-42C\_n78A-n257I  DC\_1A-3A-41C-42A\_n78A-n257A  DC\_1A-3A-41C-42A\_n78A-n257G  DC\_1A-3A-41C-42A\_n78A-n257H  DC\_1A-3A-41C-42A\_n78A-n257I  DC\_1A-3A-41C-42C\_n78A-n257A  DC\_1A-3A-41C-42C\_n78A-n257G  DC\_1A-3A-41C-42C\_n78A-n257H  DC\_1A-3A-41C-42C\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_3A-28A-41A-42A\_n78A-n257A  DC\_3A-28A-41A-42A\_n78A-n257G  DC\_3A-28A-41A-42A\_n78A-n257H  DC\_3A-28A-41A-42A\_n78A-n257I  DC\_3A-28A-41A-42C\_n78A-n257A  DC\_3A-28A-41A-42C\_n78A-n257G  DC\_3A-28A-41A-42C\_n78A-n257H  DC\_3A-28A-41A-42C\_n78A-n257I  DC\_3A-28A-41C-42A\_n78A-n257A  DC\_3A-28A-41C-42A\_n78A-n257G  DC\_3A-28A-41C-42A\_n78A-n257H  DC\_3A-28A-41C-42A\_n78A-n257I  DC\_3A-28A-41C-42C\_n78A-n257A  DC\_3A-28A-41C-42C\_n78A-n257G  DC\_3A-28A-41C-42C\_n78A-n257H  DC\_3A-28A-41C-42C\_n78A-n257I | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications | |

### 5.5B.7 Inter-band NR-DC between FR1 and FR2

#### 5.5B.7.1 Inter-band NR-DC configurations between FR1 and FR2 (two bands)

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

| Downlink NR DC  configuration | Uplink NR DC  configuration |
| --- | --- |
| DC\_n77A-n257A  DC\_n77A-n257D  DC\_n77A-n257E  DC\_n77A-n257F  DC\_n77A-n257G  DC\_n77A-n257H  DC\_n77A-n257I  DC\_n77A-n257J  DC\_n77A-n257K  DC\_n77A-n257L  DC\_n77A-n257M  DC\_n77C-n257A  DC\_n77C-n257D  DC\_n77C-n257E  DC\_n77C-n257F | DC\_n77A-n257A |
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| DC\_n78A-n257A  DC\_n78A-n257D  DC\_n78A-n257E  DC\_n78A-n257F  DC\_n78A-n257G  DC\_n78A-n257H  DC\_n78A-n257I  DC\_n78A-n257J  DC\_n78A-n257K  DC\_n78A-n257L  DC\_n78A-n257M  DC\_n78C-n257A  DC\_n78C-n257D  DC\_n78C-n257E  DC\_n78C-n257F | DC\_n78A-n257A |
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| DC\_n79A-n257A  DC\_n79A-n257D  DC\_n79A-n257E  DC\_n79A-n257F  DC\_n79A-n257G  DC\_n79A-n257H  DC\_n79A-n257I  DC\_n79A-n257J  DC\_n79A-n257K  DC\_n79A-n257L  DC\_n79A-n257M  DC\_n79C-n257A  DC\_n79C-n257D  DC\_n79C-n257E  DC\_n79C-n257F | DC\_n79A-n257A |
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| NOTE 1: NR configuration for FR1 and FR2 are defined in TS 38.101-1 [2] and TS 38.101-2 [3] respectively. | |

## *<< Unchanged sections are omitted >>*

#### 6.2B.4.2 ΔTIB,c for DC

##### 6.2B.4.2.0 General

For the UE which supports inter-band EN-DC or NE-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.

Unless ΔTIB,c is specified for the NE-DC configuration, the specified ΔTIB,c for the EN-DC configuration including same bands as the corresponding NE-DC configuration is applicable for the NE-DC configuration.

##### 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\_n3 | 1 | 0.3 |
| n3 | 0.3 |
| DC\_1\_n5 | 1 | 0.3 |
| n5 | 0.3 |
| DC\_1\_n7 | 1 | 0.5 |
| n7 | 0.6 |
| DC\_1\_n8 | 1 | 0.3 |
| n8 | 0.3 |
| DC\_1\_n28 | 1 | 0.3 |
| n28 | 0.6 |
| DC\_1\_n38 | 1 | 0.5 |
| n38 | 0.5 |
| DC\_1\_n40 | 1 | 0.5 |
| n40 | 0.5 |
| DC\_1\_n50 | 1 | 0.5 |
| n50 | 0.5 |
| DC\_1\_n41 | 1 | 0.5 |
| n41 | 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\_n7 | 2 | 0.5 |
| n7 | 0.5 |
| DC\_2\_n38 | 2 | 0.5 |
| n38 | 0.9 |
| DC\_2\_n41 | 2 | 0.5 |
| n41 | 0.41 |
| 0.92 |
| DC\_2\_n48 | 2 | 0.6 |
| n48 | 0.8 |
| 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\_n1 | 3 | 0.3 |
| n1 | 0.3 |
| DC\_3\_n5 | 3 | 0.3 |
| n5 | 0.3 |
| DC\_3\_n7 | 3 | 0.5 |
| n7 | 0.5 |
| DC\_3\_n20 | 3 | 0.3 |
| n20 | 0.3 |
| DC\_3\_n28 | 3 | 0.3 |
| n28 | 0.3 |
| DC\_3\_n34 | 3 | 0.5 |
| n34 | 0.5 |
| DC\_3\_n38 | 3 | 0.5 |
| n38 | 0.5 |
| DC\_3\_n40 | 3 | 0.5 |
| n40 | 0.5 |
| DC\_3-n41 | 3 | 0.5 |
| n41 | 0.33 |
| 0.84 |
| DC\_3\_n50 | 3 | 0.5 |
| n50 | 0.5 |
| DC\_3\_n51 | 3 | 0.3 |
| n51 | 0.3 |
| DC\_7\_n66, DC\_7-7\_n66 | 7 | 0.5 |
| n66 | 0.5 |
| DC\_3\_n77, DC\_3-3\_n77 | 3 | 0.6 |
| n77 | 0.8 |
| DC\_3\_n78, DC\_3-3\_n78 | 3 | 0.6 |
| n78 | 0.8 |
| DC\_4\_n38 | 4 | 0.5 |
| n38 | 0.8 |
| DC\_4\_n41 | 4 | 0.5 |
| n41 | [0.81] |
| [1.32] |
| DC\_4\_n78 | 4 | 0.6 |
| n78 | 0.8 |
| DC\_5\_n2 | 5 | 0.3 |
| n2 | 0.3 |
| DC\_5\_n7 | 5 | 0.3 |
| n7 | 0.3 |
| DC\_5\_n40 | 5 | 0.3 |
| n40 | 0.3 |
| DC\_5\_n48 | 5 | 0.3 |
| n48 | 0.3 |
| DC\_5\_n66 | 5 | 0.3 |
| n66 | 0.3 |
| DC\_5\_n71 | 5 | 0.5 |
| n71 | 0.5 |
| DC\_5\_n78 | 5 | 0.6 |
| n78 | 0.8 |
| DC\_7\_n1, DC\_7-7\_n1 | 7 | 0.6 |
| n1 | 0.5 |
| DC\_7\_n3 | 7 | 0.5 |
| n3 | 0.5 |
| DC\_7\_n5 | 7 | 0.3 |
| n5 | 0.3 |
| DC\_7\_n28 | 7 | 0.3 |
| n28 | 0.3 |
| DC\_7\_n51 | 7 | 0.3 |
| n51 | 0.3 |
| DC\_7\_n71 | 7 | 0.3 |
| n71 | 0.6 |
| DC\_7\_n77, DC\_7-7\_n77 | 7 | 0.5 |
| n77 | 0.8 |
| DC\_7\_n78, DC\_7-7\_n78 | 7 | 0.5 |
| n78 | 0.8 |
| DC\_8\_n1 | 8 | 0.3 |
| n1 | 0.3 |
| DC\_8\_n3 | 8 | 0.3 |
| n3 | 0.3 |
| DC\_8\_n28 | 8 | 0.6 |
| n28 | 0.5 |
| DC\_8\_n34 | 8 | 0.3 |
| n34 | 0.3 |
| DC\_8\_n39 | 8 | 0.3 |
| n39 | 0.3 |
| DC\_8\_n40 | 8 | 0.3 |
| n40 | 0.3 |
| DC\_8\_n41 | 8 | 0.3 |
| n41 | 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\_n2 | 12 | 0.3 |
| n2 | 0.3 |
| DC\_12\_n5 | 12 | 0.4 |
| n5 | 0.8 |
| DC\_12\_n7 | 12 | 0.3 |
| n7 | 0.3 |
| DC\_12\_n66 | 12 | 0.8 |
| n66 | 0.3 |
| DC\_12\_n71 | 12 | 0.5 |
| n71 | 0.5 |
| DC\_12\_n78 | 12 | 0.5 |
| n78 | 0.8 |
| DC\_13\_n48 | 13 | 0.3 |
| n48 | 0.3 |
| DC\_13\_n66 | 13 | 0.3 |
| n66 | 0.3 |
| DC\_13\_n71 | 13 | 0.5 |
| n71 | 0.5 |
| DC\_18\_n3 | 18 | 0.3 |
| n3 | 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\_n1 | 20 | 0.3 |
| n1 | 0.3 |
| DC\_20\_n3 | 20 | 0.3 |
| n3 | 0.3 |
| DC\_20\_n7 | 20 | 0.3 |
| n7 | 0.3 |
| DC\_20\_n8 | 20 | 0.4 |
| n8 | 0.4 |
| DC\_20\_n28 | 20 | 0.5 |
| n28 | 0.5 |
| DC\_20\_n38 | 20 | 0.3 |
| n38 | 0.3 |
| DC\_20\_n50 | 20 | 0.3 |
| n50 | 0.4 |
| 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,  DC\_25-25\_n41 | 25 | 0.5 |
| n41 | 0.41 |
| 0.92 |
| DC\_26\_n25 | 26 | 0.3 |
| n25 | 0.3 |
| 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\_n3 | 28 | 0.3 |
| n3 | 0.3 |
| DC\_28\_n5 | 28 | 0.5 |
| n5 | 0.5 |
| DC\_28\_n7 | 28 | 0.3 |
| n7 | 0.3 |
| DC\_28\_n8 | 28 | 0.5 |
| n8 | 0.6 |
| DC\_28\_n41 | 28 | 0.3 |
| n41 | 0.3 |
| DC\_28\_n50 | 28 | 0.3 |
| n50 | 0.4 |
| 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\_n2 | 30 | 0.3 |
| n2 | 0.5 |
| 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-n41 | 39 | 0.5 |
| n41 | 0.5 |
| DC\_39\_n78 | 39 | 0.3 |
| n78 | 0.8 |
| DC\_39\_n79 | 39 | 0.3 |
| n79 | 0.8 |
| DC\_40\_n1 | n1 | 0.5 |
| 40 | 0.5 |
| DC\_40\_n415 | 40 | 0.5 |
| n41 | 0.5 |
| DC\_40\_n77 | n77 | 0.5 |
| DC\_40\_n78 | n78 | 0.56 |
| DC\_40\_n79 | 40 | 0.3 |
| n79 | 0.8 |
| 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\_n2 | 66 | 0.5 |
| n2 | 0.5 |
| DC\_66\_n5 | 66 | 0.3 |
| n5 | 0.3 |
| DC\_66\_n7 | 66 | 0.5 |
| n7 | 0.5 |
| DC\_66\_n25 | 66 | 0.5 |
| n25 | 0.5 |
| DC\_66\_n41 | 66 | 0.5 |
| n41 | 0.81 |
| 1.32 |
| DC\_66\_n48 | 66 | 0.6 |
| n48 | 0.8 |
| DC\_66\_n71 | 66 | 0.3 |
| n71 | 0.3 |
| DC\_66\_n78 | 66 | 0.6 |
| n78 | 0.8 |
| DC\_71\_n5 | 71 | 0.5 |
| n5 | 0.5 |
| 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.  NOTE 3: Applicable for the frequency range of 2515 – 2690 MHz.  NOTE 4: Applicable for the frequency range of 2496 - 2515 MHz.  NOTE 5: Applicable for UE supporting inter-band EN-DC without simultaneous Rx/Tx.  NOTE 6: Only applicable for UE supporting inter-band carrier aggregation with uplink in one E-UTRA band and without simultaneous Rx/Tx. | | |

###### 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\_n5 | 1 | 0.3 |
| 3 | 0.3 |
| n5 | 0.3 |
| DC\_1-3\_n7 | 1 | 0.6 |
| 3 | 0.6 |
| n7 | 0.6 |
| DC\_1-3\_n28 | 1 | 0.3 |
| 3 | 0.3 |
| n28 | 0.6 |
| DC\_1\_n3-n28 | 1 | 0.3 |
| n3 | 0.3 |
| n28 | 0.6 |
| DC\_1-3\_n38 | 1 | 0.5 |
| 3 | 0.5 |
| n38 | 0.5 |
| DC\_1-3\_n41 | 1 | 0.5 |
| 3 | 0.5 |
| n41 | 0.31 |
| 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\_n3-n78 | 1 | 0.6 |
| n3 | 0.6 |
| n78 | 0.8 |
| DC\_1-5\_n78 | 1 | 0.3 |
| 5 | 0.6 |
| n78 | 0.8 |
| DC\_1-5\_n79 | 1 | 0.3 |
| 5 | 0.3 |
|  |  |
| DC\_1-7\_n3 | 1 | 0.6 |
| 7 | 0.6 |
| n3 | 0.6 |
| DC\_1-7\_n5 | 1 | 0.5 |
| 7 | 0.6 |
| n5 | 0.3 |
| DC\_1-7\_n7 | 1 | 0.5 |
| 7 | 0.6 |
| n7 | 0.6 |
| 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\_n3 | 1 | 0.3 |
| 8 | 0.3 |
| n3 | 0.3 |
| DC\_1-8\_n28 | 1 | 0.3 |
| 8 | 0.6 |
| n28 | 0.6 |
| DC\_1-8\_n77 | 1 | 0.3 |
| 8 | 0.6 |
| n77 | 0.8 |
| DC\_1-8\_n78  DC\_1\_n8-n78 | 1 | 0.3 |
| 8 | 0.6 |
| n78 | 0.8 |
| DC\_1-8\_n79 | 1 | 0.3 |
| 8 | 0.3 |
|  |  |
| DC\_1-11\_n77 | 1 | 0.6 |
| 11 | 0.4 |
| n77 | 0.8 |
| DC\_1-11\_n78 | 1 | 0.3 |
| 11 | 0.4 |
| 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\_n3 | 1 | 0.3 |
| 20 | 0.3 |
| n3 | 0.3 |
| DC\_1-20\_n28 | 1 | 0.3 |
| 20 | 0.6 |
| n28 | 0.6 |
| DC\_1-20\_n38 | 1 | 0.5 |
| 20 | 0.3 |
| n38 | 0.5 |
| 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\_1-28\_n5 | 1 | 0.3 |
| 28 | 0.5 |
| n5 | 0.5 |
| DC\_1-28\_n7 | 1 | 0.5 |
| 28 | 0.6 |
| n7 | 0.6 |
| 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 |
|  |  |
| DC\_1\_SUL\_n77-n80 | 1 | 0.6 |
| n77 | 0.8 |
| n80 | 0.6 |
| DC\_1\_SUL\_n77-n84 | 1 | 0.6 |
| n77 | 0.8 |
| n84 | 0.6 |
| 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\_1\_SUL\_n78-n80 | 1 | 0.6 |
| n80 | 0.6 |
| n78 | 0.8 |
| DC\_2-(n)71 | 2 | 0.3 |
| 71 | 0.3 |
| n71 |
| DC\_2-4\_n38 | 2 | 0.5 |
| 4 | 0.5 |
| n38 | 0.5 |
| DC\_2-4\_n41 | 2 | 0.5 |
| 4 | 0.5 |
| n41 | 0.5 |
| DC\_2-5\_n66 | 2 | 0.5 |
| 5 | 0.3 |
| n66 | 0.5 |
| DC\_2-7\_n71 | 2 | 0.5 |
| 7 | 0.5 |
| n71 | 0.6 |
| DC\_2-7\_n66  DC\_2-7-7\_n66 | 2 | 0.5 |
| 7 | 0.5 |
| n66 | 0.5 |
| DC\_2-7\_n78 | 2 | 0.5 |
| 7 | 0.5 |
|  |  |
| DC\_2\_n7-n78 | 2 | 0.6 |
| n7 | 0.5 |
| n78 | 0.8 |
| DC\_2-12\_n2 | 2 | 0.3 |
| 12 | 0.3 |
|  |  |
| DC\_2-12\_n66, DC\_2-2-12\_n66 | 2 | 0.5 |
| 12 | 0.8 |
| n66 | 0.5 |
| DC\_2-13\_n66 | 2 | 0.5 |
| 13 | 0.3 |
| n66 | 0.5 |
| DC\_2-30\_n5, DC\_2-2-30\_n5 | 2 | 0.5 |
| 30 | 0.3 |
| n5 | 0.3 |
| DC\_2-30\_n66, DC\_2-2-30\_n66 | 2 | 0.5 |
| 30 | 0.3 |
| n66 | 0.5 |
| DC\_2-46\_n41 | 2 | 0.5 |
| n41 | 0.41 |
| 0.92 |
| DC\_2\_n41-n66 | 2 | 0.5 |
| n41 | 0.5 |
| n66 | 0.5 |
| DC\_2\_n41-n71 | 2 | 0.5 |
| n41 | 0.5 |
| n71 | 0.3 |
| DC\_2-66\_n5,  DC\_2A-2A-66A\_n5A,  DC\_2-66-66\_n5,  DC\_2A-2A-66A-66A\_n5A,  DC\_2-66-66-66\_n5 | 2 | 0.5 |
| 66 | 0.5 |
| n5 | 0.3 |
| DC\_2-66\_n41 | 2 | 0.5 |
| 66 | 0.5 |
| n41 | 0.81 |
| 1.32 |
| DC\_2-66\_n66 | 2 | 0.5 |
| 66 | 0.5 |
| n66 | 0.5 |
| DC\_2-66\_n71  DC\_2\_n66-n71 | 2 | 0.5 |
| 66 | 0.5 |
| n71 | 0.3 |
| DC\_2-66\_n78  DC\_2-66-66\_n78  DC\_2\_n66-n78 | 2 | 0.6 |
| 66 | 0.6 |
| n78 | 0.8 |
| DC\_3\_n1-n7 | 3 | 0.6 |
| n1 | 0.6 |
| n7 | 0.6 |
| DC\_3\_n1-n28 | 3 | 0.3 |
| n1 | 0.3 |
| n28 | 0.6 |
| 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\_3-5\_n79 | 3 | 0.3 |
| 5 | 0.3 |
|  |  |
| DC\_3-7\_n5 | 3 | 0.5 |
| 7 | 0.5 |
| n5 | 0.3 |
| DC\_3-7\_n7 | 3 | 0.5 |
| 7 | 0.5 |
| n7 | 0.5 |
| DC\_3-7\_n28 | 3 | 0.5 |
| 7 | 0.5 |
| n28 | 0.3 |
| DC\_3-7\_n1,  DC\_3-3-7\_n1,  DC\_3-7-7\_n1,  DC\_3-3-7-7\_n1 | 3 | 0.3 |
| 7 | 0.6 |
| n1 | 0.5 |
| DC\_3-7\_n77 | 3 | 0.6 |
| 7 | 0.6 |
| n77 | 0.8 |
| DC\_3-7\_n78, DC\_3-7-7\_n78, DC\_3-3-7\_n78, DC\_3-3-7-7\_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\_n1  DC\_3-3-8\_n1 | 3 | 0.3 |
| 8 | 0.3 |
| n1 | 0.3 |
| DC\_3-8\_n77 | 3 | 0.6 |
| 8 | 0.6 |
| n77 | 0.8 |
| DC\_3-8\_n78  DC\_3-3-8\_n78 | 3 | 0.6 |
| 8 | 0.6 |
| n78 | 0.8 |
| DC\_3-8\_n79 | 3 | 0.3 |
| 8 | 0.3 |
|  |  |
| DC\_3-18-n77 | 3 | 0.6 |
| 18 | 0.3 |
| n77 | 0.8 |
| DC\_3-18-n78 | 3 | 0.6 |
| 18 | 0.3 |
| n78 | 0.8 |
| DC\_3-18-n79 | 3 | 0.3 |
| 18 | 0.3 |
| n79 | 0 |
| 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\_n1 | 3 | 0.3 |
| 20 | 0.3 |
| n1 | 0.3 |
| DC\_3-20\_n28 | 3 | 0.3 |
| 20 | 0.5 |
| n28 | 0.5 |
| DC\_3-20\_n38 | 3 | 0.5 |
| 20 | 0.3 |
| n38 | 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\_n5 | 3 | 0.3 |
| 28 | 0.5 |
| n5 | 0.5 |
| DC\_3-28\_n7 | 3 | 0.5 |
| 28 | 0.3 |
| n7 | 0.5 |
| DC\_3-28\_n41 | 3 | 0.5 |
| 28 | 0.5 |
| n41 | 0.31/0.82 |
| 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\_3-40\_n1 | 3 | 0.5 |
| 40 | 0.5 |
| n1 | 0.5 |
| DC\_3\_n40-n41 | 3 | 0.5 |
| n40 | 0.5 |
| n41 | 0.53 |
| 0.84 |
| DC\_3\_n40-n78 | 3 | 0.6 |
| n40 | 0.5 |
| n78 | 0.8 |
| DC\_3-41-n77 | 3 | 0.6 |
| 41 | 0.31 |
| 0.82 |
| n77 | 0.8 |
| DC\_3-41\_n78 | 3 | 0.6 |
| 41 | 0.31 |
| 0.82 |
| n78 | 0.8 |
| DC\_3-41-n79 | 3 | 0.6 |
| 41 | 0.31 |
| 0.82 |
|  |  |
| DC\_3\_SUL\_n41-n80 | 3 | 0.5 |
| n41 | 0.33 |
| 0.84 |
| n80 | 0.5 |
| 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 |
|  |  |
| DC\_3\_SUL\_n77-n80 | 3 | 0.6 |
| n77 | 0.8 |
| n80 | 0.6 |
| DC\_3\_SUL\_n77-n84 | 3 | 0.6 |
| n77 | 0.8 |
| n84 | 0.6 |
| 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\_3\_SUL\_n78-n84 | 3 | 0.6 |
| n78 | 0.8 |
| n84 | 0.6 |
| DC\_5-7\_n71 | 5 | 0.5 |
| 7 | 0.3 |
| n71 | 0.6 |
| DC\_5-7\_n78, DC\_5-7-7\_n78, DC\_5\_n7-n78 | 5 | 0.6 |
| 7 or n7 | 0.6 |
| n78 | 0.8 |
| DC\_5-30\_n66 | 5 | 0.3 |
| 30 | 0.3 |
| n66 | 0.5 |
| DC\_5-41\_n79 | 5 | 0.3 |
| 41 | 0.3 |
|  |  |
| DC\_5-66\_n5 | 5 | 0.3 |
| 66 | 0.3 |
| n5 | 0.3 |
| DC\_5-66\_n66 | 5 | 0.3 |
| 66 | 0.3 |
| n66 | 0.3 |
| DC\_7\_n1-n78 | 7 | 0.6 |
| n1 | 0.6 |
| n78 | 0.8 |
| DC\_7\_n3-n78 | 7 | 0.6 |
| n3 | 0.6 |
| n78 | 0.8 |
| DC\_7\_n7-n78 | 7 | 0.5 |
| n7 | 0.5 |
| n78 | 0.8 |
| DC\_7-8\_n1  DC\_7-7-8\_n1 | 7 | 0.6 |
| 8 | 0.6 |
| n1 | 0.5 |
| DC\_7-8\_n77 | 7 | 0.5 |
| 8 | 0.6 |
| n77 | 0.8 |
| DC\_7-8\_n78  DC\_7-7-8\_n78 | 7 | 0.5 |
| 8 | 0.6 |
| n78 | 0.8 |
| DC\_7-13\_n66 | 7 | 0.5 |
| 13 | 0.3 |
| n66 | 0.5 |
| DC\_7-20\_n1 | 7 | 0.6 |
| 20 | 0.3 |
| n1 | 0.5 |
| DC\_7-20\_n3 | 7 | 0.5 |
| 20 | 0.3 |
| n3 | 0.5 |
| 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\_n5 | 7 | 0.3 |
| 28 | 0.5 |
| n5 | 0.5 |
| DC\_7-28\_n7 | 7 | 0.3 |
| 28 | 0.3 |
| n7 | 0.3 |
| 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\_7-40\_n1 | 7 | 0.8 |
| 40 | 0.9 |
| n1 | 0.6 |
| DC\_7-46\_n78 | 7 | 0.5 |
| n78 | 0.8 |
| DC\_7-66\_n66  DC\_7-7-66\_n66 | 7 | 0.5 |
| 66 | 0.5 |
| n66 | 0.5 |
| DC\_7-66\_n78  DC\_7-7-66\_n78  DC\_7-66-66\_n78 | 7 | 0.5 |
| 66 | 0.5 |
|  |  |
| DC\_7\_n66-n78  DC\_7-7\_n66-n78 | 7 | 0.5 |
| n66 | 0.6 |
| n78 | 0.8 |
| DC\_7\_SUL\_n78-n80 | 7 | 0.6 |
| n80 | 0.6 |
| n78 | 0.8 |
| DC\_8\_n1-n78 | 8 | 0.6 |
| n1 | 0.3 |
| n78 | 0.8 |
| DC\_8\_n3-n28 | 8 | 0.6 |
| n3 | 0.3 |
| n28 | 0.5 |
| DC\_8-11\_n77 | 8 | 0.6 |
| 11 | 0.4 |
| n77 | 0.8 |
| DC\_8-11\_n78 | 8 | 0.6 |
| 11 | 0.4 |
| n78 | 0.8 |
| DC\_8-20\_n78 | 8 | 0.6 |
| 20 | 0.6 |
| n78 | 0.8 |
| DC\_8-42\_n77 | 8 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_8\_SUL\_n41-n81 | 8 | 0.3 |
| n41 | 0.3 |
| n81 | 0.3 |
| DC\_8\_SUL\_n78-n80 | 8 | 0.6 |
| n80 | 0.6 |
| n78 | 0.8 |
| DC\_8\_SUL\_n78- n81 | 8 | 0.6 |
| n78 | 0.8 |
| n81 | 0.6 |
| DC\_12\_n7-n78 | 12 | 0.5 |
| n7 | 0.5 |
| n78 | 0.8 |
| DC\_12-30\_n2 | 12 | 0.3 |
| 30 | 0.3 |
| n2 | 0.5 |
| DC\_12-30\_n66 | 12 | 0.8 |
| 30 | 0.3 |
| n66 | 0.5 |
| DC\_12-66\_n2 | 12 | 0.8 |
| 66 | 0.5 |
| n2 | 0.5 |
| DC\_12-66\_n66 | 12 | 0.8 |
| 66 | 0.3 |
| n66 | 0.3 |
| DC\_13-48\_n2 | 13 | 0.3 |
| 48 | 0.8 |
| n2 | 0.6 |
| DC\_13-48\_n66 | 13 | 0.3 |
| 48 | 0.8 |
| n66 | 0.6 |
| DC\_13-66\_n66 | 13 | 0.3 |
| 66 | 0.3 |
| n66 | 0.3 |
| DC\_18\_n3-n78 | 18 | 0.3 |
| n3 | 0.6 |
| n78 | 0.8 |
| 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\_18-42\_n77 | 18 | 0.3 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_18-42\_n78 | 18 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_18-42\_n79 | 18 | 0.3 |
| 42 | 0.8 |
|  |  |
| 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 |
|  |  |
| DC\_19\_n78-n79 | 19 | 0.3 |
| n78 | 0.8 |
| n79 | 0.5 |
| DC\_20\_n1-n28 | 20 | 0.3 |
| n1 | 0.6 |
| n28 | 0.6 |
| DC\_20\_n1-n78 | 20 | 0.3 |
| n1 | 0.3 |
| n78 | 0.8 |
| DC\_20\_n3-n78 | 20 | 0.3 |
| n3 | 0.5 |
| n78 | 0.8 |
| 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\_20-38\_n78 | 20 | 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-n80 | 20 | 0.3 |
| n80 | 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 |
|  |  |
| DC\_21\_n78-n79 | 21 | 0.4 |
| n78 | 0.8 |
| n79 | 0.5 |
| DC\_25-41\_n41  DC\_25\_(n)41  DC\_25-25-41\_n41  DC\_25-25\_(n)41 | 25 | 0.5 |
| 41 | 0.41 |
| 0.92 |
| n41 | 0.41 |
| 0.92 |
| DC\_28\_n3-n78 | 28 | 0.3 |
| n3 | 0.6 |
| n78 | 0.8 |
| DC\_28\_n7-n78 | 28 | 0.3 |
| n7 | 0.3 |
| n78 | 0.8 |
| DC\_28-41\_n77 | 28 | 0.5 |
| 41 | 0.3 |
| n77 | 0.8 |
| DC\_28-41\_n78 | 28 | 0.5 |
| 41 | 0.3 |
| n78 | 0.8 |
| DC\_28-41\_n79 | 28 | 0.3 |
| 41 | 0.3 |
| n79 | 0.8 |
| 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\_30-66\_n2 | 30 | 0.3 |
| 66 | 0.5 |
| n2 | 0.5 |
| DC\_30-66\_n5, DC\_30-66-66\_n5, DC\_30-66-66-66\_n5 | 30 | 0.3 |
| 66 | 0.5 |
| n5 | 0.3 |
| 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 |
| 66 | 0.5 |
| n41 | 0.81 |
| 1.32 |
| 66 | 0.3 |
| n71 | 0.3 |
| DC\_48-66\_n5 | 48 | 0.8 |
| 66 | 0.6 |
| n5 | 0.3 |
| DC\_41-42\_n79 | 41 | 0. |
| 42 | 0.8 |
| DC\_66\_n7-n78 | 66 | 0.6 |
| n7 | 0.5 |
| n78 | 0.8 |
| DC\_66\_n25-n41 | 66 | 0.5 |
| n25 | 0.5 |
| n41 | 0.81 |
| 1.32 |
| DC\_66\_n25-n71 | 66 | 0.5 |
| n25 | 0.5 |
| n71 | 0.3 |
| DC\_66\_n41-n71 | 66 | 0.5 |
| n41 | 0.81 |
| 1.32 |
| n71 | 0.6 |
| DC\_66\_n66-n78 | 66 | 0.6 |
| n66 | 0.6 |
| n78 | 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.  NOTE 3: The requirement is applied for UE transmitting on the frequency range of 2515 – 2690 MHz.  NOTE 4: The requirement is applied for UE transmitting on the frequency range of 2496 – 2515 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\_1-3-5\_n79 | 1 | 0.3 |
| 3 | 0.3 |
| 5 | 0.3 |
| DC\_1-3-7\_n5 | 1 | 0.6 |
| 3 | 0.6 |
| 7 | 0.6 |
| n5 | 0.3 |
| DC\_1-3-7\_n7 | 1 | 0.6 |
| 3 | 0.6 |
| 7 | 0.6 |
| n7 | 0.6 |
| 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\_n77 | 1 | 0.6 |
| 3 | 0.6 |
| 8 | 0.6 |
| n77 | 0.8 |
| DC\_1-3-8\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 8 | 0.6 |
| n78 | 0.8 |
| DC\_1-3-8\_n79 | 1 | 0.3 |
| 3 | 0.3 |
| 8 | 0.3 |
| DC\_1-3-28\_n5 | 1 | 0.3 |
| 3 | 0.3 |
| 28 | 0.6 |
| n5 | 0.6 |
| DC\_1-3-28\_n7 | 1 | 0.6 |
| 3 | 0.6 |
| 28 | 0.6 |
| n7 | 0.6 |
| 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\_1-3-18\_n77 | 1 | 0.6 |
| 3 | 0.6 |
| 18 | 0.3 |
| n77 | 0.8 |
| DC\_1-3-18\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 18 | 0.3 |
| n78 | 0.8 |
| DC\_1-3-18\_n79 | 1 | 0.3 |
| 3 | 0.3 |
| 18 | 0.3 |
| 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\_n38 | 1 | 0.5 |
| 3 | 0.5 |
| 20 | 0.3 |
| n38 | 0.5 |
| 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\_n38-n78 | 1 | 0.5 |
| 3 | 0.6 |
| n38 | 0.6 |
| n78 | 0.8 |
| DC\_1-3-41\_n77 | 1 | 0.6 |
| 3 | 0.6 |
| 41 | 0.5 |
| n77 | 0.8 |
| DC\_1-3-41\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 41 | 0.5 |
| n78 | 0.8 |
| DC\_1-3-41\_n79 | 1 | 0.5 |
| 3 | 0.5 |
| 41 | 0.31/0.82 |
| 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\_1-3\_n77-n79 | 1 | 0.6 |
| 3 | 0.6 |
| n77 | 0.8 |
| DC\_1-3\_n78-n79 | 1 | 0.6 |
| 3 | 0.6 |
| n78 | 0.8 |
| DC\_1-3\_SUL\_n78-n80 | 1 | 0.6 |
| 3, n80 | 0.6 |
| n78 | 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\_1-5-41\_n79 | 1 | 0.5 |
| 5 | 0.3 |
| 41 | 0.5 |
| DC\_1-7-8\_n78 | 1 | 0.6 |
| 7 | 0.6 |
| 8 | 0.6 |
| n78 | 0.8 |
| DC\_1-7-20\_n3 | 1 | 0.3 |
| 7 | 0.5 |
| 20 | 0.3 |
| n3 | 0.5 |
| 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\_1-7-28\_n5 | 1 | 0.3 |
| 7 | 0.3 |
| 28 | 0.6 |
| n5 | 0.6 |
| DC\_1-7-28\_n7 | 1 | 0.5 |
| 7 | 0.6 |
| 28 | 0.6 |
| n7 | 0.6 |
| DC\_1-7-28\_n78 | 1 | 0.6 |
| 7 | 0.6 |
| 28 | 0.6 |
| n78 | 0.8 |
| DC\_1-7\_n28-n78 | 1 | 0.6 |
| 7 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_1-8\_n3-n28 | 1 | 0.3 |
| 8 | 0.6 |
| n3 | 0.3 |
| n28 | 0.6 |
| DC\_1-8-11\_n77 | 1 | 0.6 |
| 8 | 0.6 |
| 11 | 0.4 |
| n77 | 0.8 |
| DC\_1-8-11\_n78 | 1 | 0.3 |
| 8 | 0.6 |
| 11 | 0.4 |
| n78 | 0.8 |
| DC\_1-8-20\_n78 | 1 | 0.3 |
| 8 | 0.6 |
| 20 | 0.6 |
| n78 | 0.8 |
| DC\_1-8-42\_n77 | 1 | 0.6 |
| 8 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-18\_n3-n78 | 1 | 0.6 |
| 18 | 0.3 |
| n3 | 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\_1-18-42\_n77 | 1 | 0.3 |
| 18 | 0.3 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-18-42\_n78 | 1 | 0.3 |
| 18 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-18-42\_n79 | 1 | 0.3 |
| 18 | 0.3 |
| 42 | 0.8 |
| 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\_1-19\_n77-n79 | 1 | 0.3 |
| 19 | 0.3 |
| n77 | 0.8 |
| DC\_1-19\_n78-n79 | 1 | 0.3 |
| 19 | 0.3 |
| n78 | 0.8 |
| DC\_1-20\_n3-n38 | 1 | 0.5 |
| 20 | 0.3 |
| n3 | 0.3 |
| n38 | 0.5 |
| DC\_1-20\_n3-n78 | 1 | 0.3 |
| 20 | 0.6 |
| n3 | 0.3 |
| N78 | 0.8 |
| DC\_1-20\_n28-n78 | 1 | 0.3 |
| 20 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_1-20-38\_n78 | 1 | 0.3 |
| 20 | 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\_1-21\_n77-n79 | 1 | 0.3 |
| 21 | 0.3 |
| n77 | 0.8 |
| DC\_1-21\_n78-n79 | 1 | 0.3 |
| 21 | 0.3 |
| n78 | 0.8 |
| DC\_1-28\_n3-n78 | 1 | 0.6 |
| 28 | 0.6 |
| n3 | 0.6 |
| n78 | 0.8 |
| DC\_1-28\_n7-n78 | 1 | 0.6 |
| 28 | 0.6 |
| n7 | 0.6 |
| n78 | 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\_1-42\_n77-n79 | 1 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-42\_n78-n79 | 1 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_2-7-7\_n38-n78 | 2 | 0.6 |
| n78 | 0.8 |
| DC\_2-7-13\_n66 | 2 | 0.5 |
| 7 | 0.5 |
| 13 | 0.3 |
| n66 | 0.5 |
| DC\_2-7-66\_n66, DC\_2-7-7-66\_n66 | 2 | 0.5 |
| 7 | 0.5 |
| 66 | 0.5 |
| n66 |
| DC\_2-7-66\_n78  DC\_2-7\_n66-n78  DC\_2-7-7\_n66-n78 | 2 | 0.6 |
| 7 | 0.5 |
| 66 | 0.6 |
| n78 | 0.8 |
| DC\_2-12-30\_n2 | 2 | 0.5 |
| 12 | 0.3 |
| 30 | 0.3 |
| n2 | 0.5 |
| DC\_2-12-30\_n66 | 2 | 0.5 |
| 12 | 0.8 |
| 30 | 0.3 |
| n66 | 0.5 |
| DC\_2-12-66\_n2 | 2 | 0.5 |
| 12 | 0.3 |
| 66 | 0.5 |
| n2 | 0.5 |
| DC\_2-12-66\_n66 | 2 | 0.5 |
| 12 | 0.8 |
| 66 | 0.5 |
| n66 | 0.5 |
| DC\_2-13-66\_n66 | 2 | 0.5 |
| 13 | 0.3 |
| 66 | 0.5 |
| n66 |
| DC\_2-30-66\_n5 | 2 | 0.5 |
| 30 | 0.3 |
| 66 | 0.5 |
| n5 | 0.3 |
| DC\_2-30-66\_n66 | 2 | 0.5 |
| 30 | 0.3 |
| 66 | 0.5 |
| n66 | 0.5 |
| DC\_2-46\_n41-n66 | 2 | 0.5 |
| n41 | 0.5 |
| n66 | 0.5 |
| DC\_2-46\_n41-n71 | 2 | 0.5 |
| n41 | 0.5 |
| n71 | 0.6 |
| DC\_2-46-66\_n41 | 2 | 0.5 |
| 66 | 0.5 |
| n41 | 0.81 |
| 1.32 |
| DC\_2-46-66\_n71 | 66 | 0.3 |
| n71 | 0.3 |
| DC\_2-66-(n)71 | 2 | 0.5 |
| 66 | 0.5 |
| 71 | 0.3 |
| n71 |
| DC\_2-66\_n41-n71 | 2 | 0.5 |
| 66 | 0.5 |
| n41 | 0.81 |
| 1.32 |
| n71 | 0.8 |
| DC\_2-66\_n66-n78 | 2 | 0.6 |
| 66 | 0.6 |
| n66 | 0.6 |
| n78 | 0.8 |
| DC\_3-5-7\_n78, DC\_3-5-7-7\_n78 | 3 | 0.6 |
| 5 | 0.6 |
| 7 | 0.6 |
| n78 | 0.8 |
| DC\_3-5-41\_n79 | 3 | 0.5 |
| 5 | 0.33 |
| 41 | 0.31/0.82 |
| DC\_3-7\_n1-n78 | 3 | 0.7 |
| 7 | 0.7 |
| n1 | 0.7 |
| n78 | 0.8 |
| DC\_3-7-8\_n1  DC\_3-3-7-8\_n1  DC\_3-7-7-8\_n1  DC\_3-3-7-7-8\_n1 | 3 | 0.6 |
| 7 | 0.6 |
| 8 | 0.6 |
| n1 | 0.6 |
| DC\_3-7-8\_n78  DC\_3-3-7-8\_n78  DC\_3-7-7-8\_n78  DC\_3-3-7-7-8\_n78 | 3 | 0.6 |
| 7 | 0.6 |
| 8 | 0.6 |
| n78 | 0.8 |
| DC\_3-7-20\_n1 | 3 | 0.6 |
| 7 | 0.6 |
| 20 | 0.3 |
| n1 | 0.6 |
| 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\_n5 | 3 | 0.5 |
| 7 | 0.5 |
| 28 | 0.4 |
| n5 | 0.4 |
| DC\_3-7-28\_n7 | 3 | 0.5 |
| 7 | 0.5 |
| 28 | 0.3 |
| n7 | 0.5 |
| 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\_3-7-40\_n1 | 3 | 0.6 |
| 7 | 0.8 |
| 40 | 0.9 |
| n1 | 0.6 |
| DC\_3-7\_SUL\_n78-n80 | 7 | 0.6 |
| 3, n80 | 0.6 |
| n78 | 0.8 |
| DC\_3-8\_n1-n78  DC\_3-3-8\_n1-n78 | 3 | 0.6 |
| 8 | 0.6 |
| n1 | 0.6 |
| n78 | 0.8 |
| DC\_3-8-20\_n78 | 3 | 0.6 |
| 8 | 0.6 |
| 20 | 0.6 |
| n78 | 0.8 |
| DC\_3-8-42\_n77 | 3 | 0.6 |
| 8 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_3-8\_SUL\_n78-n80 | 3, n80 | 0.6 |
| 8 | 0.6 |
| n78 | 0.8 |
| DC\_3-18-42\_n77 | 3 | 0.3 |
| 18 | 0.3 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_3-18-42\_n78 | 3 | 0.3 |
| 18 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_3-18-42\_n79 | 3 | 0.6 |
| 18 | 0.3 |
| 42 | 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\_3-19\_n77-n79 | 3 | 0.6 |
| 19 | 0.3 |
| n77 | 0.8 |
| DC\_3-19\_n78-n79 | 3 | 0.6 |
| 19 | 0.3 |
| n78 | 0.8 |
| DC\_3-20\_n1-n28 | 3 | 0.3 |
| 20 | 0.3 |
| n1 | 0.6 |
| n28 | 0.6 |
| DC\_3-20\_n28-n78 | 3 | 0.6 |
| 20 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_3-20-38\_n78 | 3 | 0.6 |
| 20 | 0.6 |
| n78 | 0.8 |
| DC\_3\_20\_SUL\_n78-n80 | 3, n80 | 0.5 |
| 20 | 0.3 |
| n78 | 0.8 |
| DC\_3-21\_n77-n79 | 3 | 0.8 |
| 21 | 0.9 |
| n77 | 0.8 |
| DC\_3-21\_n78-n79 | 3 | 0.8 |
| 21 | 0.9 |
| n78 | 0.8 |
| DC\_3-28\_n7-n78  DC\_3-3-28\_n7-n78 | 3 | 1 |
| 28 | 0.5 |
| n7 | 0.8 |
| n78 | 0.8 |
| DC\_3-28-41\_n78 | 3 | 1 |
| 28 | 0.5 |
| 41 | 0.31/0.82 |
| 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\_3-41-42\_n77 | 3 | 1 |
| 41 | 0.31/0.82 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_3-41-42\_n78 | 3 | 1 |
| 41 | 0.31/0.82 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_3-41-42\_n79 | 3 | 1 |
| 41 | 0.31/0.82 |
| 42 | 0.8 |
| DC\_3-42\_n77-n79 | 3 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_3-42\_n78-n79 | 3 | 0.6 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_7-13-66\_n66 | 7 | 0.5 |
| 13 | 0.3 |
| 66 | 0.5 |
| n66 |
| DC\_7-8\_n1-n78  DC\_7-7-8\_n1-n78 | 7 | 0.6 |
| 8 | 0.6 |
| n1 | 0.6 |
| n78 | 0.8 |
| DC\_7-20\_n3-n78 | 7 | 0.5 |
| 20 | 0.6 |
| n3 | 0.5 |
| n78 | 0.8 |
| DC\_7-20\_n28-n78 | 7 | 0.3 |
| 20 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_7-28\_n3-n78 | 7 | 0.8 |
| 28 | 0.5 |
| n3 | 1 |
| n78 | 0.8 |
| DC\_7-66\_n66-n78  DC\_7-7-66\_n66-n78 | 7 | 0.5 |
| 66 | 0.6 |
| n66 | 0.6 |
| n78 | 0.8 |
| DC\_12-30-66\_n2 | 12 | 0.8 |
| 30 | 0.3 |
| 66 | 0.5 |
| n2 | 0.5 |
| DC\_12-30-66\_n66 | 12 | 0.8 |
| 30 | 0.3 |
| 66 | 0.5 |
| n66 | 0.5 |
| 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\_19-21\_n77-n79 | 19 | 0.3 |
| 21 | 0.4 |
| n77 | 0.8 |
| DC\_19-21\_n78-n79 | 19 | 0.3 |
| 21 | 0.4 |
| n78 | 0.8 |
| DC\_19-42\_n77-n79 | 19 | 0.3 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_19-42\_n78-n79 | 19 | 0.3 |
| 42 | 0.8 |
| n78 | 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 |
| DC\_21-42\_n77-n79 | 21 | 0.4 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_21-42\_n78-n79 | 21 | 0.4 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_28-41-42\_n78 | 28 | 0.5 |
| 41 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_46-66\_n25-n41 | 66 | 0.5 |
| n25 | 0.5 |
| n41 | 0.41 |
| 0.92 |
| DC\_46-66\_n41-n71 | 66 | 0.5 |
| n41 | 0.41 |
| 0.92 |
| n71 | 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.  NOTE 3: The values in the table reflect what can be achieved with the present state of the art technology. They shall be reconsidered when the state of the art technology progresses. | | |

###### 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\_1-3-5-41\_n79 | 1 | 0.5 |
| 3 | 0.5 |
| 5 | 0.3 |
| 41 | 0.51 |
| 0.82 |
|  |  |
| DC\_1-3-7-8\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 7 | 0.6 |
| 8 | 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\_1-3-7-28\_n5 | 1 | 0.6 |
| 3 | 0.6 |
| 7 | 0.6 |
| 28 | 0.6 |
| n5 | 0.6 |
| DC\_1-3-7-28\_n7 | 1 | 0.6 |
| 3 | 0.6 |
| 7 | 0.6 |
| 28 | 0.6 |
| n7 | 0.6 |
| DC\_1-3-7-28\_n78 | 1 | 0.7 |
| 3 | 0.7 |
| 7 | 0.7 |
| 28 | 0.6 |
| n78 | 0.8 |
| DC\_1-3-7\_n28-n78 | 1 | 0.7 |
| 3 | 0.7 |
| 7 | 0.7 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_1-3-8-42\_n77 | 1 | 0.6 |
| 3 | 0.6 |
| 8 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-3-18-42\_n77 | 1 | 0.6 |
| 3 | 0.6 |
| 18 | 0.3 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-3-18-42\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 18 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-3-18-42\_n79 | 1 | 0.6 |
| 3 | 0.6 |
| 18 | 0.3 |
| 42 | 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\_1-3-20-38\_n78 | 1 | 0.3 |
| 3 | 0.6 |
| 20 | 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 |
|  |  |
| DC\_1-3-21\_n77-n79 | 1 | 0.6 |
| 3 | 0.8 |
| 21 | 0.9 |
| n77 | 0.8 |
| DC\_1-3-21\_n78-n79 | 1 | 0.6 |
| 3 | 0.8 |
| 21 | 0.9 |
| n78 | 0.8 |
| DC\_1-3-28\_n7-n78 | 1 | 0.7 |
| 3 | 0.7 |
| 28 | 0.6 |
| n7 | 0.7 |
| n78 | 0.8 |
| 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\_1-3-41-42\_n77 | 1 | 0.6 |
| 3 | 0.6 |
| 41 | 0.5 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-3-41-42\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 41 | 0.5 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-3-41-42\_n79 | 1 | 0.6 |
| 3 | 0.6 |
| 41 | 0.5 |
| 42 | 0.8 |
| DC\_1-7-20\_n3-n78 | 1 | 0.3 |
| 7 | 0.5 |
| 20 | 0.6 |
| n3 | 0.5 |
| n78 | 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\_1-19-42\_n77-n79 | 1 | 0.6 |
| 19 | 0.3 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-19-42\_n78-n79 | 1 | 0.3 |
| 19 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-20-38\_n3-n78 | 1 | 0.5 |
| 20 | 0.6 |
| 38 | 0.5 |
| n3 | 0.6 |
| n78 | 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\_1-21-42\_n77-n79 | 1 | 0.6 |
| 21 | 0.4 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-21-42\_n78-n79 | 1 | 0.3 |
| 21 | 0.4 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_2-7-13-66\_n66 | 2 | 0.5 |
| 7 | 0.5 |
| 13 | 0.3 |
| 66 | 0.5 |
| n66 | 0.5 |
| DC\_2-7-66\_n66-n78  DC\_2-7-7-66\_n66-n78 | 2 | 0.6 |
| 7 | 0.5 |
| 66 | 0.6 |
| n66 | 0.6 |
| n78 | 0.8 |
| DC\_2-12-30-66\_n2 | 2 | 0.5 |
| 12 | 0.8 |
| 30 | 0.3 |
| 66 | 0.5 |
| n2 | 0.5 |
| DC\_2-12-30-66\_n66 | 2 | 0.5 |
| 12 | 0.8 |
| 30 | 0.3 |
| 66 | 0.5 |
| n66 | 0.5 |
| DC\_2-46-66\_n41-n71 | 2 | 0.5 |
| 66 | 0.5 |
| n41 | 0.41 |
| 0.92 |
| n71 | 0.6 |
| DC\_3-7-8\_n1-n78  DC\_3-3-7-8\_n1-n78,  DC\_3-7-7-8\_n1-n78,  DC\_3-3-7-7-8\_n1-n78 | 3 | 0.6 |
| 7 | 0.6 |
| 8 | 0.6 |
| n1 | 0.6 |
| n78 | 0.8 |
| DC\_3-7-20\_n28-n78 | 3 | 0.6 |
| 7 | 0.6 |
| 20 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_3-19-21-42\_n77 | 3 | 0.8 |
| 19 | 0.3 |
| 21 | 0.9 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_3-19-21-42\_n78 | 3 | 0.8 |
| 19 | 0.3 |
| 21 | 0.9 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_3-19-21-42\_n79 | 3 | 0.8 |
| 19 | 0.3 |
| 21 | 0.9 |
| 42 | 0.8 |
| DC\_3-28-41-42\_n78 | 3 | 1 |
| 28 | 0.5 |
| 41 | 0.31 |
| 0.82 |
| 42 | 0.8 |
| n78 | 0.8 |
| 3 | 1 |
| DC\_19-21-42\_n77-n79 | 19 | 0.3 |
| 21 | 0.4 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_19-21-42\_n78-n79 | 19 | 0.3 |
| 21 | 0.4 |
| 42 | 0.8 |
| 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.4.2.3.5 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.2.3.5 MSD 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 the case for EN-DC configurations in NR FR1 for which the intermodulation products caused by dual uplink operation do not interfere with its 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 configurations 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.2.3.5.2-0 and Table 7.3B.2.3.5.2-1 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.2.3.5.2-0 and Table 7.3B.2.3.5.2-1. For these test points the reference sensitivity levels specified in clause 7.3.1 in TS 36.101 [4] and 7.3.2 of TS 38.101-1 [2] for the corresponding channel bandwidths or in clause 7.3.1 of TS 36.101 [4] are relaxed by the amount of the parameter MSD given in Table 7.3B.2.3.5.1-1, Table 7.3B.2.3.5.2-0 and Table 7.3B.2.3.5.2-1.

The throughput on each of the CGs shall be ≥ 95% of the maximum throughput of the respective reference measurement channels as specified in Annex A of TS 38.101-1 [2] and Annex A of TS 36.101 [4], with parameters specified in Table 7.3B.2.3.5.1-1, Table 7.3B.2.3.5.2-0 and Table 7.3B.2.3.5.2-1 with dual UL transmissions overlapping in time unless otherwise stated.

###### 7.3B.2.3.5.1 MSD test points 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: MSD test points 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) | IMD order |
| DC\_1\_n3 | 1 | 1950 | 5 | 25 | 2140 | 23 | IMD3 |
| n3 | 1760 | 5 | 25 | 1855 | N/A | N/A |
| CA\_1A-n5A | 1 | 1965 | 5 | 25 | 2155 | 6 | IMD4 |
| n5 | 836.5 | 5 | 25 | 876.5 | N/A | N/A |
| DC\_1A\_n8A | 1 | 1965 | 5 | 25 | 2155 | 6.0 | IMD4 |
| n8 | 887.5 | 5 | 25 | 932.5 | N/A | N/A |
| DC\_1A\_n77A,  DC\_1A\_SUL\_n77A-n84A,  DC\_1A\_n77(2A), | 1 | 1950 | 5 | 25 | 2140 | 29.8 | IMD23 |
| 32.54 |
| n77 | 4090 | 10 | 50 | 4090 | N/A | N/A |
| DC\_1A\_n77A,  DC\_1A-SUL\_n77A-n84A,  DC\_1A\_n77(2A),  DC\_1A\_n78A,  DC\_1A\_SUL\_n78A-n84A,  DC\_1A\_n78(2A) | 1 | 1950 | 5 | 25 | 2140 | 8.0 | IMD43 |
| 10.74 |
| n77 | 3710 | 10 | 50 | 3710 | N/A | N/A |
| DC\_2A\_n48A | 2 | 1852.5 | 5 | 25 | 1932.5 | [12] | IMD4 |
| n48 | 3625 | 20 | 100 | 3625 | N/A | N/A |
| DC\_2A\_n66A, DC\_2A-2A\_n66A | 2 | 1855 | 5 | 25 | 1935 | 20 | IMD3 |
| n66 | 1775 | 5 | 25 | 2175 | N/A | N/A |
| DC\_2A\_n66A, DC\_2A-2A\_n66A | 2 | 1883.3 | 5 | 25 | 1963.3 | N/A | N/A |
| n66 | 1750 | 5 | 25 | 2150 | 4 | IMD5 |
| DC\_2A\_n78A  DC\_2A\_n78(2A) | 2 | 1855 | 5 | 25 | 1935 | 26 | IMD23 |
| 28.74 |
| n78 | 3790 | 10 | 50 | 3790 | N/A | N/A |
| DC\_2A\_n78A  DC\_2A\_n78(2A) | 2 | 1885 | 5 | 25 | 1965 | 8.0 | IMD43 |
| 10.74 |
| n78 | 3690 | 10 | 50 | 3690 | N/A | N/A |
| DC\_3\_n1 | 3 | 1760 | 5 | 25 | 1855 | N/A | N/A |
| n1 | 1950 | 5 | 25 | 2140 | 23 | IMD3 |
| DC\_3\_n5 | 3 | 1771 | 10 | 50 | 1866 | 4 | IMD4 |
| n5 | 838 | 5 | 25 | 883 | N/A | N/A |
| 3 | 1721 | 10 | 50 | 1816 | N/A | N/A |
| n5 | 838 | 5 | 25 | 883 | 24 | IMD23 |
| DC\_3A\_n7A  DC\_3C\_n7A | 3 | 1730 | 5 | 25 | 1825 | N/A | N/A |
| n7 | 2535 | 10 | 50 | 2655 | 10.2 | IMD4 |
| CA\_3A-n20A | 3 | 1775 | 5 | 25 | 1870 | 4 | IMD4 |
| n20 | 840 | 5 | 25 | 799 | N/A | N/A |
| 3 | 1735 | 5 | 25 | 1830 | N/A | N/A |
| n20 | 847 | 5 | 25 | 806 | 9 | IMD4 |
| DC\_3A\_n38A | 3 | 1713 | 5 | 25 | 1808 | 8.2 | IMD4 |
| n38 | 2617 | 5 | 25 | 2617 | N/A | N/A |
| DC\_3A\_n41A  DC\_3C\_n41A  DC\_3A\_SUL\_n41A-n80A, DC\_3C\_SUL\_n41A-n80A | 3 | 1740 | 5 | 25 | 1835 | 8.2 | IMD4 |
| n41 | 2657.5 | 10 | 50 | 2657.5 | N/A | N/A |
| DC\_3A\_n77A,  DC\_3A\_n77(2A),  DC\_3A\_SUL\_n77A-n80A,  DC\_3A\_n78A,  DC\_3A-SUL\_n78A-n80A,  DC\_3A\_n78(2A),  DC\_3C\_n78A  DC\_3C\_n78(2A) | 3 | 1740 | 5 | 25 | 1835 | 26 | IMD23 |
| 28.74 |
| n77, n78 | 3575 | 10 | 50 | 3575 | N/A | N/A |
| DC\_3A\_n77A,  DC\_3A\_n77(2A),  DC\_3A\_SUL\_n77A-n80A,  DC\_3A\_n78A, DC\_3A-SUL\_n78A-n80A,  DC\_3A\_n78(2A),  DC\_3C\_n78A  DC\_3C\_n78(2A) | 3 | 1765 | 5 | 25 | 1860 | 8.0 | IMD43 |
| 10.74 |
| n77, n78 | 3435 | 10 | 50 | 3435 | N/A | N/A |
| DC\_5\_n7 | n7 | 2547 | 10 | 50 | 2667 | N/A | N/A |
| 5 | 834 | 5 | 25 | 879 | 12 | IMD33 |
| DC\_5A\_n66A | 5 | 838 | 5 | 25 | 883 | 30 | IMD23 |
| n66 | 1721 | 5 | 25 | 2121 | N/A | N/A |
| DC\_5A\_n78A  DC\_5A\_n78(2A) | 5 | 844 | 5 | 25 | 889 | 8.3 | IMD4 |
| n78 | 3421 | 10 | 50 | 3421 | N/A | N/A |
| DC\_7\_n3 | 7 | 2535 | 10 | 50 | 2655 | 13 | IMD4 |
| n3 | 1730 | 5 | 25 | 1825 | N/A | N/A |
| DC\_7\_n5 | 7 | 2547 | 10 | 50 | 2667 | N/A | N/A |
| n5 | 834 | 5 | 25 | 879 | 12 | IMD33 |
| DC\_7A\_n66A  DC\_7A-7A\_n66A  DC\_7C\_n66A | 7 | 2535 | 10 | 50 | 2655 | 15 | 4th IMD |
| n66 | 1730 | 5 | 25 | 2130 | N/A | N/A |
| DC\_7A\_n77A | 7 | 2540 | 5 | 25 | 2660 | 7.1 | IMD4 |
| n77 | 3870 | 10 | 50 | 3870 | N/A | N/A |
| DC\_8A\_n1A | 8 | 887.5 | 5 | 25 | 932.5 | N/A | N/A |
| n1 | 1965 | 5 | 25 | 2155 | 6 | IMD4 |
| DC\_8A\_n3A | 8 | 900 | 5 | 25 | 945 | 8 | IMD43 |
| n3 | 1755 | 10 | 50 | 1850 | N/A | N/A |
| 8 | 897.5 | 5 | 25 | 942.5 | N/A | N/A |
| n3 | 1747.5 | 10 | 50 | 1842.5 | 6.4 | IMD5 |
| DC\_8A\_n41A  DC\_8A\_SUL\_n41A-n81A | 8 | 882.5 | 5 | 25 | 927.5 | 12.1 | IMD33 |
| n41 | 2685 | 10 | 50 | 2685 | N/A | N/A |
| DC\_8A\_n77A,  DC\_8A\_n78A, DC\_8A-SUL\_n78A-n81A | 8 | 897.5 | 5 | 25 | 942.5 | 8.3 | IMD4 |
| n77, n78 | 3635 | 10 | 50 | 3635 | N/A | N/A |
| DC\_8A\_n79A,  DC\_8A-n79C,  DC\_8A-SUL\_n79A-n81A | 8 | 897.5 | 5 | 25 | 942.5 | 4.8 | IMD5 |
| n79 | 4532.5 | 40 | 216 | 4532.5 | N/A | N/A |
| DC\_12\_n78 | 12 | 710 | 5 | 25 | 740 | 5.5 | IMD5 |
| n78 | 3580 | 10 | 50 | 3580 | N/A | N/A |
| DC\_18A\_n3A | 18 | 823 | 5 | 25 | 868 | N/A | N/A |
| n3 | 1721 | 5 | 25 | 1816 | 4 | IMD4 |
| DC\_20A\_n3A | 20 | 840 | 5 | 25 | 799 | N/A | N/A |
| n3 | 1775 | 5 | 25 | 1870 | 4 | IMD4 |
| 20 | 847 | 5 | 25 | 806 | 9 | IMD4 |
| n3 | 1735 | 5 | 25 | 1830 | N/A | N/A |
| DC\_20\_n7 | 20 | 851 | 5 | 25 | 810 | 12 | IMD33 |
| n7 | 2512 | 10 | 50 | 2632 | N/A | N/A |
| DC\_20A\_n8A | 20 | 849.5 | 5 | 25 | 808.5 | 25 | IMD3 |
| n8 | 892.5 | 5 | 25 | 937.5 | 25 | IMD3 |
| DC\_20A\_n77A,  DC\_20A\_n78A,  DC\_20A-SUL\_n78A-n82A | 20 | 850 | 5 | 25 | 809 | 11 | IMD4 |
| n77 | 3359 | 10 | 50 | 3359 | N/A | N/A |
| DC\_20A\_n77A | 20 | 840 | 5 | 25 | 799 | 6.5 | IMD5 |
| n77 | 4159 | 10 | 50 | 4159 | N/A | N/A |
| DC\_21A\_n79A | 21 | 1457.5 | 5 | 25 | 1505.5 | 18.4 | IMD3 |
| n79 | 4420.5 | 40 | 216 | 4420.5 | N/A | N/A |
| DC\_26A\_n41A | 26 | 839 | 5 | 25 | 884 | 15.6 | IMD33 |
| n41 | 2562 | 10 | 50 | 2562 | N/A | N/A |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| DC\_28\_n50 | 28 | 730 | 10 | 50 | 775 | 15.3 | IMD 2 |
| n50 | 1500 | 10 | 50 | 1500 | N/A | N/A |
| 28 | 740 | 10 | 50 | 785 | 6 | IMD 4 |
| n50 | 1500 | 10 | 50 | 1500 | N/A | N/A |
| 28 | 740 | 10 | 50 | 785 | 0.5 | IMD 5 |
| n50 | 1500 | 10 | 50 | 1500 | N/A | N/A |
| DC\_28A\_n51A | 28 | 742.3 | 5 | 25 | 797.3 | 5 | IMD4 |
| n51 | 1429.5 | 5 | 25 | 1429.5 | N/A | N/A |
| DC\_26A\_n77A,  DC\_26A\_n78A | 26 | 836.5 | 5 | 25 | 881.5 | 11.1 | IMD4 |
| n77, n78 | 3391 | 10 | 50 | 3391 | N/A | N/A |
| CA\_28A\_n77A,  CA\_28A\_n78A, DC\_28A-SUL\_n78A-n83A | 28 | 705.5 | 5 | 25 | 760.5 | 5.5 | IMD5 |
| n77, n78 | 3582.5 | 10 | 50 | 3582.5 | N/A | N/A |
| DC\_66A\_n2A, DC\_66A-66A\_n2A | 66 | 1775 | 5 | 25 | 2175 | N/A | N/A |
| n2 | 1855 | 5 | 25 | 1935 | 20 | IMD3 |
| 66 | 1750 | 5 | 25 | 2150 | 4 | IMD5 |
| n2 | 1883.3 | 5 | 25 | 1963.3 | N/A | N/A |
| DC\_66A\_n5A | n5 | 838 | 5 | 25 | 883 | 30 | IMD23 |
| 66 | 1721 | 5 | 25 | 2121 | N/A | N/A |
| DC\_66A\_n7A  DC\_66A-66A\_n7A  DC\_66A-66A\_n7(2A) | 66 | 1730 | 5 | 25 | 2130 | N/A | N/A |
| n7 | 2535 | 10 | 50 | 2655 | 15 | IMD4 |
| DC\_66A\_n25A | 66 | 1775 | 5 | 25 | 2175 | N/A | N/A |
| n25 | 1855 | 5 | 25 | 1935 | 20 | IMD3 |
| 66 | 1712.5 | 5 | 25 | 2112.5 | 23 | IMD3 |
| n25 | 1912.5 | 5 | 25 | 1992.5 | N/A | N/A |
| 66 | 1750 | 5 | 25 | 2150 | 4 | IMD5 |
| n25 | 1883.3 | 5 | 25 | 1963.3 | N/A | N/A |
| DC\_66A\_n48A | 66 | 1735 | 5 | 25 | 2135 | 4 | IMD5 |
| n48 | 3625 | 20 | 100 | 3625 | N/A | N/A |
| DC\_66A\_n71A | 66 | 1750 | 5 | 25 | 2150 | 5 | IMD4 |
| n71 | 675 | 5 | 25 | 629 | N/A | N/A |
| NOTE 1: Both of the transmitters shall be set min(+20 dBm, PCMAX\_L,c) as defined in clause 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 EN-DC configured.  NOTE 5: Void | | | | | | | |

###### 7.3B.2.3.5.2 MSD test points 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: MSD test points for Pcell due to dual uplink operation for EN-DC in NR FR1 (three bands)

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

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

| **NR or E-UTRA Band / Channel bandwidth / NRB / MSD** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **EN-DC Configuration** | **EUTRA / NR band** | **UL Fc  (MHz)** | **UL/DL BW  (MHz)** | **UL**  **LCRB** | **DL Fc (MHz)** | **MSD  (dB)** | **IMD order** |
| DC\_1A-3A\_n28A  DC\_1A-3C\_n28A | 1 | 1975 | 5 | 25 | 2165 | N/A | N/A |
| n28 | 710.5 | 5 | 25 | 765.5 | N/A | N/A |
| 3 | 1723.5 | 5 | 25 | 1818.5 | 4.0 | IMD5 |
| DC\_1A\_n3A-n28A | 1 | 1975 | 5 | 25 | 2165 | N/A | N/A |
| n28 | 710.5 | 5 | 25 | 765.5 | N/A | N/A |
| n3 | 1723.5 | 5 | 25 | 1818.5 | 4.0 | IMD5 |
| DC\_1A-3A\_n28A  DC\_1A-3C\_n28A | 3 | 1780 | 5 | 25 | 1875 | N/A | N/A |
| n28 | 710.5 | 5 | 25 | 765.5 | N/A | N/A |
| 1 | 1949 | 5 | 25 | 2139 | 11.0 | IMD4 |
| DC\_1A-7A\_n28A  DC\_1A-7C\_n28A | 1 | 1935 | 5 | 25 | 2125 | N/A | N/A |
| n28 | 718 | 5 | 25 | 773 | N/A | N/A |
| 7 | 2533 | 10 | 50 | 2653 | 30.0 | IMD2 |
| DC\_1A-3A\_n77A | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| 3 | 1712.5 | 5 | 25 | 1807.5 | 31.5 | IMD2 |
| n77 | 3757.5 | 10 | 50 | 3757.5 | N/A | N/A |
| 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| 3 | 1775 | 5 | 25 | 1870 | 8.5 | IMD4 |
| n77 | 3980 | 10 | 50 | 3980 | N/A | N/A |
| 1 | 1950 | 5 | 25 | 2140 | 31.0 | IMD2 |
| 3 | 1775 | 5 | 25 | 1870 | N/A | N/A |
| n77 | 3915 | 10 | 50 | 3915 | N/A | N/A |
| DC\_1A-3A\_n78A  DC\_1A-3C\_n78A  DC\_1A-3A\_n78(2A)  DC\_1A-3C\_n78(2A) | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| 3 | 1712.5 | 5 | 25 | 1807.5 | 31.2 | IMD2  |fn78-fB1| |
| n78 | 3757.5 | 10 | 50 | 3757.5 | N/A | N/A |
| 1 | 1935 | 5 | 25 | 2125 | 2.8 | IMD5  |2\*fn78-3\*fB3| |
| 3 | 1775 | 5 | 25 | 1870 | N/A | N/A |
| n78 | 3725 | 10 | 50 | 3725 | N/A | N/A |
| DC\_1A\_n3A-n78A | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| n3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
| n78 | 3700 | 10 | 50 | 3700 | 28.4 | IMD2  |fB1+fn3| |
| 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| n3 | 1735 | 5 | 25 | 1830 | 27.9 | IMD2  |fn78-fB1| |
| n78 | 3780 | 10 | 50 | 3780 | N/A | N/A |
| DC\_1A-5A\_n78A | 1 | 1932 | 5 | 25 | 2122 | 18.1 | IMD3  |fn78-2\*fB5| |
| 5 | 829 | 5 | 25 | 874 | N/A | N/A |
| n78 | 3780 | 10 | 50 | 3780 | N/A | N/A |
| 1 | 1975 | 5 | 25 | 2165 | N/A | N/A |
| 5 | 840 | 5 | 25 | 885 | 3.1 | IMD5  |2\*fn78-3\*fB1| |
| n78 | 3405 | 10 | 50 | 3405 | N/A | N/A |
| DC\_1A-7A\_n78A  DC\_1A-7C\_n78A  DC\_1A-7A\_n78(2A)  DC\_1A-7C\_n78(2A) | 1 | 1977.5 | 5 | 25 | 2167.5 | N/A | N/A |
| 7 | 2507.5 | 5 | 25 | 2627.5 | 9.1 | IMD4  |fn78-3\*fB1| |
| n78 | 3305 | 10 | 50 | 3305 | N/A | N/A |
| 1 | 1950 | 5 | 25 | 2140 | 8.7 | IMD4  |2\*fn78-2\*fB7| |
| 7 | 2510 | 10 | 50 | 2630 | N/A | N/A |
| n78 | 3580 | 10 | 50 | 3580 | N/A | N/A |
| DC\_1A\_n7A-n78A  DC\_1A\_n7B-n78A | 1 | 1977.5 | 5 | 25 | 2167.5 | N/A | N/A |
| n7 | 2507.5 | 5 | 25 | 2627.5 | 9.1 | IMD4  |fn78 -3\*fB1| |
| n78 | 3305 | 10 | 50 | 3305 | N/A | N/A |
| 1 | 1970 | 5 | 25 | 2160 | N/A | N/A |
| n7 | 2520 | 5 | 25 | 2640 | N/A | N/A |
| n78 | 3390 | 10 | 50 | 3390 | 10.1 | IMD4  |fB7 -3\*fB1| |
| DC\_1A-3A\_n79A | 1 | 1950 | 5 | 25 | 2140 | 3.6 | IMD5 |
| 3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
| n79 | 4860 | 40 | 216 | 4860 | N/A | N/A |
| DC\_1A-5A\_n79A | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| 5 | 837.5 | 5 | 25 | 882.5 | 18.3 | IMD3 |
| n79 | 4782.5 | 40 | 216 | 4782.5 | N/A | N/A |
| 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
| 5 | 837.5 | 5 | 25 | 882.5 | 8.9 | IMD4 |
| n79 | 4907.5 | 40 | 216 | 4907.5 | N/A | N/A |
| 1 | 1950 | 5 | 25 | 2140 | 8.1 | IMD4 |
| 5 | 837.5 | 5 | 25 | 882.5 | N/A | N/A |
| n79 | 4652.5 | 40 | 216 | 4652.5 | N/A | N/A |
| DC\_1A-8A\_n28A | 1 | 1970 | 5 | 25 | 2160 | N/A | N/A |
| n28 | 730 | 5 | 25 | 785 | N/A | N/A |
| 8 | 905 | 5 | 25 | 950 | 3.3 | IMD5 |
| DC\_1A-8A\_n77A | 1 | 1955 | 5 | 25 | 2145 | N/A | N/A |
| n77 | 3410 | 10 | 50 | 3410 | N/A | N/A |
| 8 | 910 | 5 | 25 | 955 | 3.3 | IMD5 |
| DC\_1A-8A\_n77A | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
| n77 | 3960 | 10 | 50 | 3960 | N/A | N/A |
| 1 | 1950 | 5 | 25 | 2140 | 14.4 | IMD3 |
| DC\_1A\_n8A-n78A | 1 | 1945 | 5 | 25 | 2135 | N/A | N/A |
| n8 | 900 | 5 | 25 | 945 | N/A | N/A |
| n78 | 3745 | 10 | 52 | 3745 | 14.9 | IMD3  |2\*fn8+fB1| |
| 1 | 1940 | 5 | 25 | 2130 | N/A | N/A |
| n8 | 895 | 5 | 25 | 940 | 3.3 | IMD5  |2\*fn78-3\*fB1| |
| n78 | 3380 | 10 | 52 | 3330 | N/A | N/A |
| DC\_1A-8A\_n79A | 1 | 1935 | 5 | 25 | 2125 | N/A | N/A |
| n79 | 4815 | 40 | 216 | 4815 | N/A | N/A |
| 8 | 900 | 5 | 25 | 945 | 15.8 | IMD3 |
| DC\_1A-8A\_n79A | 8 | 900 | 5 | 25 | 945 | N/A | N/A |
| n79 | 4845 | 40 | 216 | 4845 | N/A | N/A |
| 1 | 1955 | 5 | 25 | 2145 | 8.2 | IMD4 |
| DC\_1A-11A\_n77A | 1 | 1955 | 5 | 25 | 2145 | N/A | N/A |
| n77 | 3441 | 10 | 50 | 3441 | N/A | N/A |
| 11 | 1438 | 5 | 25 | 1486 | 31.4 | IMD2 |
| DC\_1A-11A\_n77A | 11 | 1438 | 5 | 25 | 1486 | N/A | N/A |
| n77 | 3578 | 10 | 50 | 3578 | N/A | N/A |
| 1 | 1950 | 5 | 25 | 2140 | 30.8 | IMD2 |
| DC\_1A-11A\_n78A | 1 | 1955 | 5 | 25 | 2145 | N/A | N/A |
| n78 | 3441 | 10 | 50 | 3441 | N/A | N/A |
| 11 | 1438 | 5 | 25 | 1486 | 31.4 | IMD2 |
| DC\_1A-11A\_n78A | 11 | 1438 | 5 | 25 | 1486 | N/A | N/A |
| n78 | 3578 | 10 | 50 | 3578 | N/A | N/A |
| 1 | 1950 | 5 | 25 | 2140 | 30.8 | IMD2 |
| DC\_1A-18A\_n77A | 1 | 1930 | 5 | 25 | 2120 | 16.4 | IMD3 |
| 18 | 825 | 5 | 25 | 870 | N/A | N/A |
| n77 | 3770 | 10 | 50 | 3770 | N/A | N/A |
| DC\_1A-18A\_n78A | 1 | 1930 | 5 | 25 | 2120 | 16.4 | IMD3 |
| 18 | 819 | 5 | 25 | 864 | N/A | N/A |
| n78 | 3758 | 10 | 50 | 3758 | N/A | N/A |
| DC\_1A-18A\_n79A | 1 | 1935 | 5 | 25 | 2125 | N/A | N/A |
| 18 | 822.5 | 5 | 25 | 867.5 | 18.3 | IMD3 |
| n79 | 4737.5 | 40 | 216 | 4737.5 | N/A | N/A |
| 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
| 18 | 820 | 5 | 25 | 865 | 8.9 | IMD4 |
| n79 | 4925 | 40 | 216 | 4925 | N/A | N/A |
| 1 | 1935 | 5 | 25 | 2125 | 8.1 | IMD4 |
| 18 | 822.5 | 5 | 25 | 867.5 | N/A | N/A |
| n79 | 4592.5 | 40 | 216 | 4592.5 | N/A | N/A |
| DC\_1A-19A\_n77A  DC\_1A-19A\_n78A | 1 | 1940 | 5 | 25 | 2130 | 17.8 | IMD3 |
| 19 | 832.5 | 5 | 25 | 877.5 | N/A | N/A |
| n77, n78 | 3795 | 10 | 50 | 3795 | N/A | N/A |
| DC\_1A-28A\_n7A  DC\_1A-1A-28A\_n7A  DC\_1A-28A\_n7B  DC\_1A-1A-28A\_n7B | 1 | 1935 | 5 | 25 | 2125 | N/A | N/A |
| 28 | 730 | 10 | 50 | 785 | 4.5 | IMD5 |
| n7 | 2510 | 10 | 50 | 2630 | N/A | N/A |
| DC\_1A-19A\_n79A | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| 19 | 837.5 | 5 | 25 | 882.5 | 18.3 | IMD3 |
| n79 | 4782.5 | 40 | 216 | 4782.5 | N/A | N/A |
| 1 | 1950 | 5 | 25 | 2140 | 8.1 | IMD4 |
| 19 | 837.5 | 5 | 25 | 882.5 | N/A | N/A |
| n79 | 4652.5 | 40 | 216 | 4652.5 | N/A | N/A |
| DC\_1A-20A\_n78A | 1 | 1930 | 5 | 25 | 2120 | 20.3 | IMD3 |
| 20 | 835 | 5 | 25 | 794 | N/A | N/A |
| n78 | 3790 | 10 | 50 | 3790 | N/A | N/A |
| DC\_1A-20A\_n78A | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| 20 | 851 | 5 | 25 | 810 | 3.0 | IMD5 |
| n78 | 3330 | 10 | 50 | 3330 | N/A | N/A |
| DC\_1A-21A\_n77A  DC\_1A-21A\_n78A | 1 | 1964.6 | 5 | 25 | 2154.6 | 30.6 | IMD2 |
| 21 | 1450.4 | 5 | 25 | 1498.4 | N/A | N/A |
| n77, n78 | 3605 | 10 | 50 | 3605 | N/A | N/A |
| 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| 21 | 1452 | 5 | 25 | 1500 | 2.9 | IMD5 |
| n77, n78 | 3675 | 10 | 50 | 3675 | N/A | N/A |
| DC\_1A-28A\_n77A | 1 | 1960 | 5 | 25 | 2150 | 15.8 | IMD3 |
| 28 | 740 | 5 | 25 | 795 | N/A | N/A |
| n77 | 3630 | 10 | 50 | 3630 | N/A | N/A |
| DC\_1A-28A\_n77A | 1 | 1960 | 5 | 25 | 2150 | N/A | N/A |
| 28 | 725 | 5 | 25 | 780 | 4.3 | IMD5 |
| n77 | 3330 | 10 | 50 | 3330 | N/A | N/A |
| DC\_1A-28A\_n78A | 1 | 1960 | 5 | 25 | 2150 | 15.7 | IMD3 |
| 28 | 740 | 5 | 25 | 795 | N/A | N/A |
| n78 | 3630 | 10 | 50 | 3630 | N/A | N/A |
| DC\_1A-28A\_n78A | 1 | 1970 | 5 | 25 | 2160 | N/A | N/A |
| 28 | 739 | 5 | 25 | 794 | 4.2 | IMD5 |
| n78 | 3352 | 10 | 50 | 3352 | N/A | N/A |
| DC\_1A\_n28A-n78A | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| n28 | 733 | 5 | 25 | 788 | N/A | N/A |
| n78 | 3416 | 10 | 50 | 3416 | 15.7 | IMD3 |
| 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| n78 | 3320 | 10 | 50 | 3320 | N/A | N/A |
| n28 | 735 | 5 | 25 | 790 | 3.3 | IMD5 |
| DC\_1A-28A\_n79A | 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
| 28 | 733 | 5 | 25 | 788 | 15.2 | IMD3 |
| n79 | 4648 | 40 | 216 | 4648 | N/A | N/A |
| 1 | 1925 | 5 | 25 | 2115 | N/A | N/A |
| 28 | 740 | 5 | 25 | 795 | 10.0 | IMD4 |
| n79 | 4980 | 40 | 216 | 4980 | N/A | N/A |
| 1 | 1977.5 | 5 | 25 | 2167.5 | 1.2 | IMD4 |
| 28 | 745.5 | 5 | 25 | 800.5 | N/A | N/A |
| n79 | 4420 | 40 | 216 | 4420 | N/A | N/A |
| 1 | 1935 | 5 | 25 | 2125 | 4.5 | IMD5 |
| 28 | 718 | 5 | 25 | 773 | N/A | N/A |
| n79 | 4807 | 40 | 216 | 4807 | N/A | N/A |
| DC\_1A\_n40A-n78A | 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
| n40 | 2340 | 5 | 25 | 2340 | N/A | N/A |
| n78 | 3450 | 10 | 50 | 3450 | 9.8 | IMD4 |3\*fB1-fn40| |
| 1 | 1960 | 5 | 25 | 2150 | N/A | N/A |
| n40 | 2360 | 5 | 25 | 2360 | 10.6 | IMD4 |3\*fB1 -fn78| |
| n78 | 3520 | 10 | 50 | 3520 | N/A | N/A |
| DC\_1A-41A\_n77A | 1 | 1970 | 5 | 25 | 2160 | N/A | N/A |
| n77 | 3400 | 10 | 50 | 3400 |  |
| 41 | 2510 | 5 | 25 | 2510 | 11.0 | IMD4 |
| 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
| n77 | 4150 | 10 | 50 | 4150 |  |
| 41 | 2510 | 5 | 25 | 2510 | 3.6 | IMD5 |
| DC\_1A-41A\_n78A | 1 | 1975 | 5 | 25 | 2165 | N/A | N/A |
| 41 |  | 5 | 25 | 2515 | 12 | IMD4 |
| n78 | 3410 | 10 | 50 | 3410 | N/A | N/A |
| DC\_1A-41A\_n79A | 1 | 1970 | 5 | 25 | 2160 | N/A | N/A |
| n79 | 4500 | 40 | 216 | 4500 |  |
| 41 | 2530 | 5 | 25 | 2530 | 29.4 | IMD2 |
| DC\_1A-42A\_n79A | 1 | 1977.5 | 5 | 25 | 2167.5 | N/A | N/A |
| n79 | 4420 | 40 | 216 | 4420 |  |  |
| 42 | 3490 | 5 | 25 | 3490 | 4.8 | IMD5 |
| 42 | 3402.5 | 5 | 25 | 3402.5 | N/A | N/A |
| n79 | 4640 | 40 | 216 | 4640 |  |  |
| 1 | 1975 | 5 | 25 | 2165 | 15.5 | IMD3 |
| 42 | 3450 | 5 | 25 | 3450 | N/A | N/A |
| n79 | 4520 | 40 | 216 | 4520 |  |  |
| 1 | 1950 | 5 | 25 | 2140 | 9.3 | IMD4 |
| DC\_1A-SUL\_n77A-n80A | 1 | 1950 | 5 | 25 | 2140 | 23 | IMD3 |
| n80 | 1760 | 5 | 25 |  | N/A | N/A |
| DC\_1A-SUL\_n77A-n80A | 1 | 1922.5 | 5 | 25 | 2112.5 | N/A | N/A |
| n80 | 1782.5 | 5 | 25 |  | N/A | N/A |
| n78 | 3425 | 10 | 50 | 3425 | 13.0 | IMD4 |
| DC\_1A\_n78A-n79A | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| n78 | 3410 | 10 | 50 | 3410 | N/A | N/A |
| n79 | 4870 | 40 | 216 | 4870 | 15.9 | IMD3 |
| 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| n79 | 4670 | 40 | 216 | 4670 | N/A | N/A |
| n78 | 3490 | 10 | 50 | 3490 | 4.6 | IMD5 |
| DC\_1A\_SUL\_n78A-n80A | 1 | 1950 | 5 | 25 | 2140 | 23 | IMD3 |
| n80 | 1760 | 5 | 25 |  | N/A | N/A |
| 1 | 1922.5 | 5 | 25 | 2112.5 | N/A | N/A |
| n80 | 1782.5 | 5 | 25 |  | N/A | N/A |
| n78 | 3425 | 10 | 50 | 3425 | 13.0 | IMD4 |
| DC\_2A-4A\_n41A | 2 | 1860 | 5 | 25 | 1940 | 11.0 | IMD4  |2\*fBn41-2\*fB4| |
| 4 | 1715 | 5 | 25 | 2115 | N/A | N/A |
| n41 | 2685 | 10 | 50 | 2685 | N/A | N/A |
| DC\_2A-7A\_n78A  DC\_2A-7C\_n78A  DC\_2A-7A-7A\_n78A | 2 | 1870 | 5 | 25 | 1950 | 8.6 | IMD4  |2\*fn78-2\*fB7| |
| 7 | 2550 | 5 | 25 | 2685 | N/A | N/A |
| n78 | 3525 | 10 | 50 | 3475 | N/A | N/A |
| DC\_2A\_n7A-n78A | 2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
| n7 | 2525 | 5 | 25 | 2645 | N/A | N/A |
| n78 | 3775 | 10 | 50 | 3775 | 4.2 | IMD5  |2\*fB2 -3\*fn7| |
| DC\_2A-13A\_n66A | 2 | 1860 | 5 | 25 | 1940 | 6.2 | IMD4  |2\*fn66-2\*fB13| |
| 13 | 780 | 10 | 50 | 749 | N/A | N/A |
| n66 | 1750 | 5 | 25 | 2150 | N/A | N/A |
| DC\_2A\_n41A-n71A | 2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
| n41 | 2530 | 10 | 50 | 2530 | N/A | N/A |
| n71 | 676 | 5 | 50 | 630 | 28.7 | IMD2 |
| 2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
| n41 | 2586 | 10 | 50 | 2586 | 29.2 | IMD2 |
| n71 | 686 | 5 | 50 | 640 | N/A | N/A |
| DC\_2A-66A\_n5A | 2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
| 66 | 1740 | 5 | 25 | 2140 | 7.2 | IMD4 |
| n5 | 830 | 5 | 25 | 875 | N/A | N/A |
| DC\_2A-66A\_n41A | 2 | 1860 | 5 | 25 | 1940 | 11.0 | IMD4  |2\*fBn41-2\*fB66| |
| 66 | 1715 | 5 | 25 | 2115 | N/A | N/A |
| n41 | 2685 | 5 | 25 | 2685 | N/A | N/A |
| DC\_2A-66A\_n78A  DC\_2A-66A-66A\_n78A  DC\_2A\_n66A-n78A | 2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
| 66/n66 | 1760 | 5 | 25 | 2160 | 10.3 | IMD4  |3\*fB2-fBn78| |
| n78 | 3480 | 10 | 50 | 3480 | N/A | N/A |
| DC\_2A-66A\_n78A  DC\_2A-66A-66A\_n78A | 2 | 1880 | 5 | 25 | 1960 | 32.1 | IMD2  |fBn78-fB66| |
| 66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
| n78 | 3700 | 10 | 50 | 3700 | N/A | N/A |
| DC\_2A-66A\_n78A  DC\_2A-66A-66A\_n78A | 2 | 1880 | 5 | 25 | 1960 | 9.1 | IMD4  |3\*fB66-fBn78| |
| 66 | 1770 | 5 | 25 | 2170 | N/A | N/A |
| n78 | 3350 | 10 | 50 | 3350 | N/A | N/A |
| DC\_2A-66A\_n78A  DC\_2A-66A-66A\_n78A | 2 | 1880 | 5 | 25 | 1960 | 2.1 | IMD5  |2\*fBn78-3\*fB66| |
| 66 | 1760 | 5 | 25 | 2160 | N/A | N/A |
| n78 | 3620 | 10 | 50 | 3620 | N/A | N/A |
| DC\_2A\_n66A-n78A | 2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
| n66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
| n78 | 3620 | 10 | 50 | 3620 | 29.4 | IMD2  |fB2+fn66| |
| 2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
| n66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
| n78 | 3340 | 10 | 50 | 3340 | 8.9 | IMD4  |fB2 -3\*fn66| |
| DC\_3A\_n1A-n28A  DC\_3C\_n1A-n28A | 3 | 1780 | 5 | 25 | 1875 | N/A | N/A |
| n28 | 710.5 | 5 | 25 | 765.5 | N/A | N/A |
| n1 | 1949 | 5 | 25 | 2139 | 11.0 | IMD4 |
| DC\_3A\_n1A-n77A | 3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
| n1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| n77 | 3700 | 10 | 50 | 3700 | 28.4 | IMD2  |fB3+fn1| |
| 3 | 1775 | 5 | 25 | 1870 | N/A | N/A |
| n1 | 1950 | 5 | 25 | 2140 | 31.0 | IMD2  |fn77-fB3| |
| n77 | 3915 | 10 | 50 | 3915 | N/A | N/A |
| DC\_3A\_n1A-n78A  DC\_3C\_n1A-n78A | 3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
| n1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| n78 | 3700 | 10 | 50 | 3700 | 28.4 | IMD2  |fB3+fn1| |
| 3 | 1770 | 5 | 25 | 1865 | N/A | N/A |
| n1 | 1940 | 5 | 25 | 2130 | 3.5 | IMD5  |2\*fn78-3\*fB3| |
| n78 | 3720 | 10 | 50 | 3720 | N/A | N/A |
| DC\_3A-5A\_n79A | 3 | 1775 | 5 | 25 | 1870 | N/A | N/A |
| 5 | 840 | 5 | 25 | 885 | 18.5 | IMD3 |
| n79 | 4435 | 40 | 216 | 4435 | N/A | N/A |
| 3 | 1782.5 | 5 | 25 | 1877.5 | 0.2 | IMD4 |
| 5 | 842.5 | 5 | 25 | 887.5 | N/A | N/A |
| n79 | 4420 | 40 | 216 | 4420 | N/A | N/A |
| DC\_3A-7A\_n5A | 3 | 1780 | 10 | 50 | 1875 | N/A | N/A |
| 7 | 2505 | 10 | 50 | 2625 | 30.0 | IMD21 |
| n5 | 845 | 5 | 25 | 890 | N/A | N/A |
| DC\_3A-7A\_n28A  DC\_3A-7C\_n28A  DC\_3C-7A\_n28A  DC\_3C-7C\_n28A | 3 | 1712.5 | 5 | 25 | 1807.5 | N/A | N/A |
| n28 | 743 | 5 | 25 | 798 | N/A | N/A |
| 7 | 2562 | 10 | 50 | 2682 | 16.9 | IMD3 |
| 7 | 2543 | 10 | 50 | 2663 | N/A | N/A |
| n28 | 710.5 | 5 | 25 | 765.5 | N/A | N/A |
| 3 | 1737.5 | 5 | 25 | 1832.5 | 26.0 | IMD2 |
| DC\_3A-7A\_n77A | 3 | 1725 | 5 | 25 | 1820 | 17.6 | IMD3  |fB77-2\*fB7| |
| 7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
| n77 | 3310 | 10 | 50 | 3310 | N/A | N/A |
| DC\_3A-7A\_n77A | 3 | 1725 | 5 | 25 | 1820 | 8.6 | IMD4  |2\*fB77-2\*fB7| |
| 7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
| n77 | 3475 | 10 | 50 | 3475 | N/A | N/A |
| DC\_3A-7A\_n77A | 3 | 1715 | 5 | 25 | 1810 | N/A | N/A |
| 7 | 2550 | 5 | 25 | 2670 | 5.2 | IMD5  |fB77-4\*fB3| |
| n77 | 4190 | 10 | 50 | 4190 | N/A | N/A |
| DC\_3A-7A\_n77A | 3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
| 7 | 2520 | 5 | 25 | 2640 | 3.4 | IMD5  |2\*fB77-3\*fB3| |
| n77 | 3900 | 10 | 50 | 3900 | N/A | N/A |
| DC\_3A-7A\_n78A  DC\_3C-7A\_n78A DC\_3C-7C\_n78A  DC\_3A-3A-7A\_n78A  DC\_3A-3A-7A-7A\_n78A  DC\_3A-7A\_SUL\_n78A-n80A  DC\_3C-7A\_SUL\_n78A-n80A  DC\_3A-7A\_n78(2A)  DC\_3C-7A\_n78(2A)  DC\_3A-7C\_n78(2A)  DC\_3C-7C\_n78(2A) | 3 | 1725 | 5 | 25 | 1820 | 17.6 | IMD3  |fn78-2\*fB7| |
| 7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
| n78 | 3310 | 10 | 50 | 3310 | N/A | N/A |
| 3 | 1725 | 5 | 25 | 1820 | 8.6 | IMD4  |2\*fn78-2\*fB7| |
| 7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
| n78 | 3475 | 10 | 50 | 3475 | N/A | N/A |
| DC\_3A-8A\_n77A | 3 | 1715 | 5 | 25 | 1810 | N/A | N/A |
| n77 | 4190 | 10 | 50 | 4190 | N/A | N/A |
| 8 | 910 | 5 | 25 | 955 | 9.7 | IMD4 |
| DC\_3A-8A\_n77A | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
| n77 | 3640 | 10 | 50 | 3640 | N/A | N/A |
| 3 | 1725 | 5 | 25 | 1820 | 16.5 | IMD3 |
| DC\_3A-8A\_n78A  DC\_3A-3A-8A\_n78A | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
| n78 | 3640 | 10 | 50 | 3640 | N/A | N/A |
| 3 | 1725 | 5 | 25 | 1820 | 16.5 | IMD3 |
| DC\_3A-8A\_n79A | 3 | 1755 | 5 | 25 | 1850 | N/A | N/A |
| n79 | 4465 | 40 | 216 | 4465 | N/A | N/A |
| 8 | 910 | 5 | 25 | 955 | 15.3 | IMD3 |
| DC\_3A-8A\_n79A | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
| n79 | 4580 | 40 | 216 | 4580 | N/A | N/A |
| 3 | 1755 | 5 | 25 | 1850 | 8.8 | IMD4 |
| DC\_3A\_n7A-n78A  DC\_3A\_n7B-n78A  DC\_3C\_n7A-n78A  DC\_3C\_n7B-n78A | 3 | 1730 | 5 | 25 | 1825 | N/A | N/A |
| n7 | 2560 | 5 | 25 | 2680 | N/A | N/A |
| n78 | 3390 | 10 | 50 | 3390 | 16.1 | IMD3  |2\*fn7-fB3| |
| DC\_3A-19A\_n79A | 3 | 1775 | 5 | 25 | 1870 | N/A | N/A |
| 19 | 840 | 5 | 25 | 885 | 18.5 | IMD3 |
| n79 | 4435 | 40 | 216 | 4435 | N/A | N/A |
| 3 | 1782.5 | 5 | 25 | 1877.5 | 0.2 | IMD4 |
| 19 | 842.5 | 5 | 25 | 887.5 | N/A | N/A |
| n79 | 4420 | 40 | 216 | 4420 | N/A | N/A |
| DC\_3A-20A\_n28A  DC\_3C-20A\_n28A | 20 | 852 | 5 | 25 | 811 | N/A | N/A |
| n28 | 738 | 5 | 25 | 793 | N/A | N/A |
| 3 | 1723 | 5 | 25 | 1818 | 9.4 | IMD4 |
| DC\_3A-20A\_n38A | 3 | 1779 | 5 | 25 | 1874 | N/A | N/A |
| 20 | 852 | 10 | 20 | 811 | 26.0 | IMD21 |
| n38 | 2590 | 10 | 50 | 2590 | N/A | N/A |
| DC\_3A\_20A\_SUL\_n78A-n80A  DC\_3C\_20A\_SUL\_n78A-n80A | 3 | 1725 | 5 | 25 | 1820 | 17.3 | IMD3 |
| 20 | 845 | 5 | 25 | 804 | N/A | N/A |
| n78 | 3510 | 10 | 50 | 3510 | N/A | N/A |
| DC\_3A\_n20A-n78A | 3 | 1730 | 5 | 25 | 1825 | N/A | N/A |
| n20 | 845 | 5 | 25 | 804 | N/A | N/A |
| n78 | 3420 | 10 | 50 | 3420 | 16.1 | IMD3  |fB3+2\*fn20| |
| DC\_3A-20A\_n78A  DC\_3C-20A\_n78A | 3 | 1725 | 5 | 25 | 1820 | 17.3 | IMD3  |fn78-2\*fB20| |
| 20 | 845 | 5 | 25 | 804 | N/A | N/A |
| n78 | 3510 | 10 | 50 | 3510 | N/A | N/A |
| DC\_3A-21A\_n77A  DC\_3A-21A\_n78A | 3 | 1767.5 | 5 | 25 | 1862.5 | N/A | N/A |
| 21 | 1459.5 | 5 | 25 | 1507.5 | 8.8 | IMD4 |
| n77, n78 | 3795 | 10 | 50 | 3795 | N/A | N/A |
| DC\_3A-21A\_n77A | 3 | 1771.6 | 5 | 25 | 1866.6 | 3.4 | IMD5 |
| 21 | 1450.4 | 5 | 25 | 1498.4 | N/A | N/A |
| n77 | 3935 | 10 | 50 | 3935 | N/A | N/A |
| DC\_3A-21A\_n79A | 3 | 1774.2 | 5 | 25 | 1869.2 | 17.8 | IMD3 |
| 21 | 1450.4 | 5 | 25 | 1498.4 | N/A | N/A |
| n79 | 4770 | 40 | 216 | 4770 | N/A | N/A |
| DC\_3A-28A\_n5A  DC\_3C-28A\_n5A | 3 | 1735 | 5 | 25 | 1830 | 8.7 | IMD4 |
| 28 | 705 | 5 | 25 | 798 | N/A | N/A |
| n5 | 845 | 5 | 25 | 874 | N/A | N/A |
| 3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
| 28 | 730 | 5 | 25 | 785 | 9.4 | IMD4 |
| n5 | 845 | 5 | 25 | 874 | N/A | N/A |
| DC\_3A-28A\_n7A  DC\_3C-28A\_n7A  DC\_3A-3A-28A\_n7A  DC\_3A-28A\_n7B  DC\_3C-28A\_n7B  DC\_3A-3A-28A\_n7B | 3 | 1737.5 | 5 | 25 | 1832.5 | 26.0 | IMD2 |
| 28 | 710.5 | 5 | 25 | 765.5 | N/A | N/A |
| n7 | 2543 | 10 | 50 | 2663 | N/A | N/A |
| 3 | 1747 | 5 | 25 | 1842 | N/A | N/A |
| 28 | 741 | 5 | 25 | 796.0 | 20.0 | IMD2 |
| n7 | 2543 | 5 | 25 | 2663 | N/A | N/A |
| DC\_3A-28A\_n77A | 3 | 1712.5 | 5 | 25 | 1807.5 | N/A | N/A |
| 28 | 715 | 5 | 25 | 770 | 15.3 | IMD3 |
| n77 | 4195 | 10 | 50 | 4195 | N/A | N/A |
| 3 | 1755 | 5 | 25 | 1850 | 17.0 | IMD3 |
| 28 | 735 | 5 | 25 | 790 | N/A | N/A |
| n77 | 3320 | 10 | 50 | 3320 | N/A | N/A |
| DC\_3A-28A\_n41A | 3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
| n41 | 2510 | 5 | 25 | 2510 | N/A | N/A |
| 28 | 735 | 5 | 25 | 790 | 26.0 | IMD21 |
| DC\_3A-28A\_n78A  DC\_3C-28A\_n78A  DC\_3A-3A-28A\_n78A | 3 | 1775 | 5 | 25 | 1870 | 17.3 | IMD3 |
| 28 | 740 | 5 | 25 | 760 | N/A | N/A |
| n78 | 3350 | 10 | 25 | 3350 | N/A | N/A |
| DC\_3A-28A\_n79A | 3 | 1770 | 5 | 25 | 1865 | N/A | N/A |
| 28 | 725 | 5 | 25 | 780 | 10.3 | IMD4 |
| n79 | 4530 | 40 | 216 | 4530 | N/A | N/A |
| 3 | 1775 | 5 | 25 | 1870 | 5.7 | IMD5 |
| 28 | 725 | 5 | 25 | 780 | N/A | N/A |
| n79 | 4770 | 40 | 216 | 4770 | N/A | N/A |
| DC\_3A\_n28A-n78A  DC\_3C\_n28A-n78A | 3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
| n28 | 743 | 5 | 25 | 798 | N/A | N/A |
| n78 | 3764 | 10 | 50 | 3764 | 4.5 | IMD5  |3\*fB3 -2\*fn28| |
| DC\_3A\_SUL\_n77A-n84A | 3 | 1782.5 | 5 | 25 | 1877.5 | N/A | N/A |
| n84 | 1922.5 | 5 | 25 |  | N/A | N/A |
| n77 | 3425 | 10 | 50 | 3425 | 13.0 | IMD4 |
| DC\_3A\_n40A-n78A | 3 | 1730 | 5 | 25 | 1825 | N/A | N/A |
| n40 | 2360 | 5 | 25 | 2360 | N/A | N/A |
| n78 | 3620 | 10 | 50 | 3620 | 4.8 | IMD5 |2\*fB3-3\*fn40 |
| 3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
| n40 | 2360 | 5 | 25 | 2360 | 4.4 | IMD5 |3\*fB3 -2\*fn78| |
| n78 | 3760 | 10 | 50 | 3760 | N/A | N/A |
| DC\_3A\_n78A-n79A | 3 | 1770 | 5 | 25 | 1865 | N/A | N/A |
| n78 | 3340 | 10 | 50 | 3340 | N/A | N/A |
| n79 | 4910 | 40 | 216 | 4910 | 16.3 | IMD3 |
| 3 | 1770 | 5 | 25 | 1865 | N/A | N/A |
| n79 | 4510 | 40 | 216 | 4510 | N/A | N/A |
| n78 | 3710 | 10 | 50 | 3710 | 4.2 | IMD5 |
| DC\_3A-SUL\_n78A-n82A | 3 | 1775 | 5 | 25 | 1870 | 4 | IMD4 |
| n82 | 840 | 5 | 25 |  | N/A | N/A |
| DC\_3A\_SUL\_n78A-n84A | 3 | 1782.5 | 5 | 25 | 1877.5 | N/A | N/A |
| n84 | 1922.5 | 5 | 25 |  | N/A | N/A |
| n78 | 3425 | 10 | 50 | 3425 | 13.0 | IMD4 |
| DC\_3A-21A\_n79A | 3 | 1774.2 | 5 | 25 | 1869.2 | 17.8 | IMD3 |
| 21 | 1450.4 | 5 | 25 | 1498.4 | N/A | N/A |
| n79 | 4770 | 40 | 216 | 4770 | N/A | N/A |
| DC\_3A-40A\_n1A | n1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| 3 | 1735 | 5 | 25 | 1830 | N/A | N/A |
| 40 | 2380 | 5 | 25 | 2380 | 8.0 | IMD5 |
| DC\_3A-41A\_n77A | 3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
| n77 | 3900 | 10 | 50 | 3900 | N/A | N/A |
| 41 | 2640 | 5 | 25 | 2640 | 5.3 | IMD5  |3\*fB3 -2\*fn77| |
| 41 | 2620 | 5 | 25 | 2620 | N/A | N/A |
| n77 | 3400 | 10 | 50 | 3400 | N/A | N/A |
| 3 | 1745 | 5 | 25 | 1840 | 16.4 | IMD3  |2\*fB41 –fn77| |
| DC\_3A-41A\_n78A | 41 | 2620 | 5 | 25 | 2620 | N/A | N/A |
| n78 | 3400 | 10 | 52 | 3400 | N/A | N/A |
| 3 | 1745 | 5 | 25 | 1840 | 16.4 | IMD3  |2\*fB41 – fn78| |
| DC\_3A-41A\_n79A | 3 | 1770 | 5 | 25 | 1865 | N/A | N/A |
| n79 | 4440 | 40 | 216 | 4440 | N/A | N/A |
| 41 | 2670 | 5 | 25 | 2670 | 30.2 | IMD2  |fB3 -fn79| |
| 41 | 2570 | 5 | 25 | 2570 | N/A | N/A |
| n79 | 4420 | 40 | 216 | 4420 | N/A | N/A |
| 3 | 1755 | 5 | 25 | 1850 | 29.4 | IMD2  |fB41 -fn79| |
| DC\_5A-7A\_n71A | 5 | 835 | 5 | 25 | 880 | N/A | N/A |
| 7 | 2540 | 5 | 25 | 2660 | 6.5 | IMD5  |4\*fB5-fBn71| |
| n71 | 680 | 5 | 25 | 634 | N/A | N/A |
| DC\_5A-7A\_n78A | 5 | 844 | 5 | 25 | 889 | N/A | N/A |
| 7 | 2525 | 5 | 25 | 2645 | 30.1 | IMD2  |fn78-fb5| |
| n78 | 3489 | 10 | 50 | 3489 | N/A | N/A |
| 5 | 834 | 5 | 25 | 879 | 30.2 | IMD2  |fn78-fB7| |
| 7 | 2550 | 5 | 25 | 2670 | N/A | N/A |
| n78 | 3429 | 10 | 50 | 3429 | N/A | N/A |
| 5 | 830 | 5 | 25 | 875 | 3.3 | IMD5  |2\*fn78-3fB7| |
| 7 | 2525 | 5 | 25 | 2645 | N/A | N/A |
| n78 | 3350 | 10 | 50 | 3350 | N/A | N/A |
| DC\_5A\_n7A-n78A | 5 | 844 | 5 | 25 | 889 | N/A | N/A |
| n7 | 2525 | 5 | 25 | 2645 | 30.1 | IMD2  |fn78-fb5| |
| n78 | 3489 | 10 | 50 | 3489 | N/A | N/A |
| 5 | 835 | 5 | 25 | 880 | N/A | N/A |
| n7 | 2540 | 5 | 25 | 2660 | N/A | N/A |
| n78 | 3375 | 10 | 50 | 3375 | 29.7 | IMD2  |fB7 +fn5| |
| DC\_5A\_41A\_n78A | 5 | 860 | 5 | 25 | 885 | 30.2 | IMD2 |
| 41 | 2615 | 5 | 25 | 2615 | N/A | N/A |
| n78 | 3500 | 10 | 50 | 3500 | N/A | N/A |
| 5 | 856.5 | 5 | 25 | 881.5 | 3.1 | IMD5 |
| 41 | 2620.5 | 5 | 25 | 2620.5 | N/A | N/A |
| n78 | 3490 | 10 | 50 | 3490 | N/A | N/A |
| DC\_5A-41A\_n79A | 5 | 835 | 5 | 25 | 880 | 23.9 | IMD3  |2\*fB41-fn79| |
| 41 | 2665 | 5 | 25 | 2665 | N/A | N/A |
| n79 | 4450 | 40 | 216 | 4450 | N/A | N/A |
| 5 | 826.5 | 5 | 25 | 871.5 | N/A | N/A |
| 41 | 2517.5 | 5 | 25 | 2517.5 | 1.8 | IMD4  |fn79-3\*fB5| |
| n79 | 4980 | 40 | 216 | 4980 | N/A | N/A |
| DC\_7A\_n1A-n78A  DC\_7C\_n1A-n78A | 7 | 2520 | 5 | 25 | 2640 | N/A | N/A |
| n1 | 1970 | 5 | 25 | 2160 | N/A | N/A |
| n78 | 3390 | 10 | 50 | 3390 | 10.1 | IMD4 |
| 7 | 2530 | 5 | 25 | 2650 | N/A | N/A |
| n1 | 1970 | 5 | 25 | 2160 | 9.0 | IMD4 |
| n78 | 3610 | 10 | 50 | 3610 | N/A | N/A |
| DC\_7A\_n3A-n78A | 7 | 2560 | 5 | 25 | 2680 | N/A | N/A |
| n3 | 1730 | 5 | 25 | 1825 | N/A | N/A |
| n78 | 3390 | 10 | 50 | 3390 | 16.1 | IMD3 |
| 7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
| n3 | 1725 | 5 | 25 | 1820 | 15.6 | IMD3 |
| n78 | 3310 | 10 | 50 | 3310 | N/A | N/A |
| DC\_7A-8A\_n77A | 7 | 2530 | 5 | 25 | 2650 | N/A | N/A |
| 8 | 895 | 5 | 25 | 940 | 30.5 | IMD2  |fB77-fB7| |
| n77 | 3470 | 10 | 50 | 3470 | N/A | N/A |
| DC\_7A-8A\_n77A | 7 | 2520 | 5 | 25 | 2640 | N/A | N/A |
| 8 | 895 | 5 | 25 | 940 | 3.1 | IMD5  |2\*fB77-3fB7| |
| n77 | 3310 | 10 | 50 | 3310 | N/A | N/A |
| DC\_7A-8A\_n77A | 7 | 2530 | 5 | 25 | 2650 | 28 | IMD2  |fB77-fB8| |
| 8 | 895 | 5 | 25 | 940 | N/A | N/A |
| n77 | 3545 | 10 | 50 | 3545 | N/A | N/A |
| DC\_7A-8A\_n78A | 7 | 2530 | 5 | 25 | 2650 | N/A | N/A |
| 8 | 895 | 5 | 25 | 940 | 30.5 | IMD2  |fB78-fB7| |
| n78 | 3470 | 10 | 50 | 3470 | N/A | N/A |
| DC\_7A-8A\_n78A | 7 | 2520 | 5 | 25 | 2640 | N/A | N/A |
| 8 | 895 | 5 | 25 | 940 | 3.1 | IMD5  |2\*fB78-3fB7| |
| n78 | 3310 | 10 | 50 | 3310 | N/A | N/A |
| DC\_7A-8A\_n78A | 7 | 2530 | 5 | 25 | 2650 | 28 | IMD2  |fB78-fB8| |
| 8 | 895 | 5 | 25 | 940 | N/A | N/A |
| n78 | 3545 | 10 | 50 | 3545 | N/A | N/A |
| DC\_7-13\_n66 | 7 | 2520 | 5 | 25 | 2640 | N/A | N/A |
| 13 | 781 | 5 | 25 | 750 | 31 | IMD2  |fB7-fB66| |
| n66 | 1770 | 5 | 25 | 2170 | N/A | N/A |
| DC\_7-13\_n66 | 7 | 2540 | 5 | 25 | 2660 | 18 | IMD3  |2\*fBn66-fB13| |
| 13 | 780 | 5 | 25 | 749 | N/A | N/A |
| n66 | 1720 | 5 | 25 | 2120 | N/A | N/A |
| DC\_7A-20A\_n1A | 7 | 2510 | 10 | 50 | 2630 | N/A | N/A |
| 20 | 841 | 10 | 50 | 800 | 4.5 | IMD5  |2\*fB7-3\*fBn1| |
| n1 | 1940 | 5 | 25 | 2130 | N/A | N/A |
| DC\_7A-20A\_n3A | 7 | 2543 | 10 | 50 | 2663 | N/A | N/A |
| 20 | 847 | 10 | 20 | 806 | 10.5 | IMD2 |
| n3 | 1737 | 5 | 25 | 1832 | N/A | N/A |
| 7 | 2510 | 10 | 50 | 2630 | 26.0 | IMD21 |
| 20 | 855 | 5 | 25 | 896 | N/A | N/A |
| n3 | 1775 | 10 | 50 | 1870 | N/A | N/A |
| DC\_7A-20A\_n28A | 20 | 852 | 5 | 25 | 811 | N/A | N/A |
| n28 | 738 | 5 | 25 | 793 | N/A | N/A |
| 7 | 2550 | 10 | 50 | 2670 | 5.9 | IMD5 |
| DC\_7A-20A\_n78A | 7 | 2560 | 5 | 25 | 2680 | N/A | N/A |
| 20 | 851 | 5 | 25 | 810 | 30.5 | IMD2  |fn78-fB7| |
| n78 | 3370 | 10 | 50 | 3370 | N/A | N/A |
| DC\_7A-20A\_n78A | 7 | 2560 | 5 | 25 | 2680 | N/A | N/A |
| 20 | 851 | 5 | 25 | 810 | 3.0 | IMD5  |2\*fn78-3\*fB7| |
| n78 | 3435 | 10 | 50 | 3435 | N/A | N/A |
| DC\_7A-20A\_n78A | 7 | 2555 | 5 | 25 | 2675 | 30.8 | IMD2  |fn78-fB20| |
| 20 | 845 | 5 | 25 | 804 | N/A | N/A |
| n78 | 3520 | 10 | 50 | 3520 | N/A | N/A |
| DC\_7A-28A\_n5A DC\_7C-28A\_n5A | 7 | 2540 | 5 | 25 | 2725 | N/A | N/A |
| 28 | 721 | 5 | 25 | 776 | 4.4 | IMD5 |
| n5 | 829 | 5 | 25 | 854 | N/A | N/A |
| 7 | 2510 | 5 | 25 | 2630 | 5.9 | IMD5 |
| 28 | 730 | 5 | 25 | 785 | N/A | N/A |
| n5 | 840 | 5 | 25 | 874 | N/A | N/A |
| DC\_7A-28A\_n78A | 7 | 2570 | 5 | 25 | 2670 | N/A | N/A |
| 28 | 720 | 5 | 25 | 780 | 8.3 | IMD2 |
| n78 | 3350 | 10 | 50 | 3421 | N/A | N/A |
| 7 | 2570 | 5 | 25 | 2670 | N/A | N/A |
| 28 | 720 | 5 | 25 | 790 | 3.0 | IMD5 |
| n78 | 3460 | 10 | 50 | 3421 | N/A | N/A |
| 7 | 2570 | 5 | 25 | 2650 | 30.5 | IMD2 |
| 28 | 740 | 5 | 25 | 768 | N/A | N/A |
| n78 | 3390 | 10 | 50 | 3421 | N/A | N/A |
| DC\_7A\_n28A-n78A  DC\_7C\_n28A-n78A | 7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
| n28 | 745 | 5 | 25 | 800 | N/A | N/A |
| n78 | 3310 | 10 | 50 | 3310 | 29.7 | IMD2  |fB7 +fn28| |
| 7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
| n78 | 3365 | 10 | 50 | 3365 | N/A | N/A |
| n28 | 745 | 5 | 25 | 800 | 28.8 | IMD2  |fn78 -fB7| |
| DC\_7A-40A\_n1A | n1 | 1970 | 5 | 25 | 2160 | N/A | N/A |
| 7 | 2530 | 5 | 25 | 2650 | 32.1 | IMD3 |
| 40 | 2310 | 5 | 25 | 2310 | N/A | N/A |
| DC\_7A-46A\_n78A6 | 7 | N/A | N/A | N/A | N/A | N/A | N/A |
| 46 | N/A | N/A | N/A | N/A | N/A | IMD2, IMD5 |
| n78 | N/A | N/A | N/A | N/A | N/A | N/A |
| DC\_7A-66A\_n78A  DC\_7C-66A\_n78A  DC\_7A-7A-66A\_n78A  DC\_7A-66A-66A\_n78A  DC\_7A-7A-66A-66A\_n78A  DC\_7C-66A-66A\_n78A  DC\_7A\_n66A-n78A  DC\_7A-7A\_n66A-n78A | 7 | 2550 | 5 | 25 | 2685 | N/A | N/A |
| 66 | 1750 | 5 | 25 | 2150 | 8.7 | IMD4  |2\*fn78-2\*fB7| |
| n78 | 3625 | 10 | 50 | 3475 | N/A | N/A |
| DC\_7A\_n66A-n78A  DC\_7A-7A\_n66A-n78A | 7 | 2542 | 5 | 25 | 2662 | N/A | N/A |
| n66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
| n78 | 3344 | 10 | 50 | 3344 | 16.0 | IMD3  |2\*fB7-fn66| |
| DC\_7A\_SUL\_n78A-n80A | n80 | 1730 | 5 | 25 |  | N/A | N/A |
| 7 | 2535 | 10 | 50 | 2655 | 13 | IMD4 |
| DC\_8A\_n1A-n78A | 8 | 900 | 5 | 25 | 945 | N/A | N/A |
| n1 | 1945 | 5 | 25 | 2135 | N/A | N/A |
| n78 | 3745 | 10 | 50 | 3745 | 14.9 | IMD3 |
| DC\_8A\_n3A-n28A | 8 | 912.5 | 5 | 25 | 957.5 | N/A | N/A |
| n3 | 1712.5 | 5 | 25 | 1807.5 | N/A | N/A |
| n28 | 745 | 5 | 25 | 800 | 30.4 | IMD2 |
| DC\_8A-11A\_n77A | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
| n77 | 3311 | 10 | 50 | 3311 | N/A | N/A |
| 11 | 1443 | 5 | 25 | 1491 | 18.8 | IMD3 |
| DC\_8A-11A\_n77A | 11 | 1430.5 | 5 | 25 | 1478.5 | N/A | N/A |
| n77 | 3791 | 10 | 50 | 3791 | N/A | N/A |
| 8 | 885 | 5 | 25 | 930 | 18.2 | IMD3 |
| DC\_8A-11A\_n78A | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
| n78 | 3311 | 10 | 50 | 3311 | N/A | N/A |
| 11 | 1443 | 5 | 25 | 1491 | 18.8 | IMD3 |
| DC\_8A-11A\_n78A | 11 | 1430.5 | 5 | 25 | 1478.5 | N/A | N/A |
| n78 | 3791 | 10 | 50 | 3791 | N/A | N/A |
| 8 | 885 | 5 | 25 | 930 | 18.2 | IMD3 |
| DC\_8A-20A\_n78A | 8 | 890 | 5 | 25 | 935 | N/A | N/A |
| n78 | 3470 | 10 | 50 | 3470 | N/A | N/A |
| 20 | 841 | 5 | 25 | 800 | 12.1 | IMD4 |
| 8 | 895 | 5 | 25 | 940 | 12.1 | IMD4 |
| n78 | 3481 | 10 | 50 | 3481 | N/A | N/A |
| 20 | 847 | 5 | 25 | 806 | N/A | N/A |
| DC\_8A\_SUL\_n78A-n80A | n80 | 1755 | 10 | 50 |  | N/A | N/A |
| 8 | 900 | 5 | 25 | 945 | 8 | IMD4 |
| n80 | 1750 | 10 | 50 |  | N/A | N/A |
| 8 | 900 | 5 | 25 | 945 | N/A | N/A |
| n78 | 3550 | 10 | 50 | 3550 | 8 | IMD33 |
| DC\_12A\_n7A-n78A | 12 | 708 | 5 | 25 | 738 | N/A | N/A |
| n7 | 2520 | 5 | 25 | 2640 | N/A | N/A |
| n78 | 3624 | 10 | 50 | 3624 | 9 | IMD4 |
| 12 | 708 | 5 | 25 | 738 | N/A | N/A |
| n78 | 3370 | 10 | 50 | 3370 | N/A | N/A |
| n7 | 2542 | 5 | 25 | 2662 | 29.6 | IMD2 |
| DC\_12A-30A\_n2A | 12 | 708.5 | 5 | 25 | 738.5 | N/A | N/A |
| 30 | 2308 | 5 | 25 | 2353 | 12.0 | IMD4 |
| n2 | 1885 | 5 | 25 | 1965 | N/A | N/A |
| DC\_18A\_n3A-n78A | 18 | 820 | 5 | 25 | 865 | N/A | N/A |
| n3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
| n78 | 3390 | 10 | 50 | 3390 | 15.2 | IMD33 |
| DC\_18A-28A\_n77A | 18 | 820 | 5 | 25 | 865 | N/A | N/A |
| 28 | 723 | 5 | 25 | 778 | 4.4 | IMD5 |
| n77 | 4058 | 10 | 50 | 4058 | N/A | N/A |
| DC\_18A-28A\_n77A | 18 | 820 | 5 | 25 | 865 | 3.9 | IMD5 |
| 28 | 723 | 5 | 25 | 778 | N/A | N/A |
| n77 | 3757 | 10 | 50 | 3757 | N/A | N/A |
| DC\_18A-28A\_n78A | 18 | 819 | 5 | 25 | 864 | 3.8 | IMD5 |
| 28 | 723 | 5 | 25 | 778 | N/A | N/A |
| n78 | 3756 | 10 | 50 | 3756 | N/A | N/A |
| DC\_19A-21A\_n77A  DC\_19A-21A\_n78A | 19 | 837.5 | 5 | 25 | 882.5 | 18.7 | IMD3 |
| 21 | 1450.4 | 5 | 25 | 1498.4 | N/A | N/A |
| n77, n78 | 3783.3 | 10 | 50 | 3783.3 | N/A | N/A |
| DC\_19A-21A\_n77A | 19 | 837.5 | 5 | 25 | 882.5 | N/A | N/A |
| 21 | 1454.5 | 5 | 25 | 1502.5 | 9.0 | IMD4 |
| n77 | 4015 | 10 | 50 | 4015 | N/A | N/A |
| DC\_19A-21A\_n79A | 19 | 837.5 | 5 | 25 | 882.2 | N/A | N/A |
| 21 | 1452 | 5 | 25 | 1500 | 3.8 | IMD5 |
| n79 | 4850 | 40 | 216 | 4850 | N/A | N/A |
| DC\_20A\_n1A-n78A | 20 | 845 | 5 | 25 | 804 | N/A | N/A |
| n1 | 1940 | 5 | 25 | 2130 | N/A | N/A |
| n78 | 3630 | 10 | 50 | 3630 | 16.0 | IMD3 |
| 20 | 835 | 5 | 25 | 794 | N/A | N/A |
| n1 | 1930 | 5 | 25 | 2120 | 15.3 | IMD3 |
| n78 | 3790 | 10 | 50 | 3790 | N/A | N/A |
| DC\_20A\_n3A-n78A | 20 | 845 | 5 | 25 | 804 | N/A | N/A |
| n3 | 1730 | 5 | 25 | 1825 | N/A | N/A |
| n78 | 3420 | 10 | 50 | 3420 | 16.1 | IMD3 |
| 20 | 845 | 5 | 25 | 804 | N/A | N/A |
| n3 | 1765 | 5 | 25 | 1860 | 15.7 | IMD3 |
| n78 | 3550 | 10 | 50 | 3550 | N/A | N/A |
| DC\_20A\_SUL\_n78A-n80A | 20 | 847 | 5 | 25 | 806 | 9 | IMD4 |
| n80 | 1735 | 5 | 25 |  | N/A | N/A |
| DC\_21A-28A\_n77A | 21 | 1452 | 5 | 25 | 1500 | N/A | N/A |
| 28 | 730.5 | 5 | 25 | 785.5 | 16.9 | IMD3 |
| n77 | 3689.5 | 10 | 50 | 3689.5 | N/A | N/A |
| 21 | 1450.5 | 5 | 25 | 1498.5 | 9.9 | IMD4 |
| 28 | 730.5 | 5 | 25 | 785.5 | N/A | N/A |
| n77 | 3690 | 10 | 50 | 3690 | N/A | N/A |
| DC\_21A-28A\_n79A | 21 | 1450 | 5 | 25 | 1498 | 5.2 | IMD5 |
| 28 | 730.5 | 5 | 25 | 785.5 | N/A | N/A |
| n79 | 4420 | 40 | 216 | 4420 | N/A | N/A |
| DC\_28A\_n7A-n78A  DC\_28A\_n7B-n78A | 28 | 745 | 5 | 25 | 800 | N/A | N/A |
| n7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
| n78 | 3310 | 10 | 50 | 3310 | 29.7 | IMD2  |fn7 + fB28| |
| 28 | 740 | 5 | 25 | 795 | N/A | N/A |
| n7 | 2530 | 5 | 25 | 2650 | 30.5 | IMD2  |fn78 - fB28| |
| n78 | 3390 | 10 | 50 | 3390 | N/A | N/A |
| DC\_28A-41A\_n77A | 28 | 738 | 5 | 25 | 793 | N/A | N/A |
| n77 | 3380 | 10 | 50 | 3380 | N/A | N/A |
| 41 | 2642 | 5 | 25 | 2642 | 29.5 | IMD2 |
| DC\_28A-41A\_n77A | 41 | 2642 | 5 | 25 | 2642 | N/A | N/A |
| n77 | 3440 | 10 | 50 | 3440 | N/A | N/A |
| 28 | 743 | 5 | 25 | 798 | 30.8 | IMD2 |
| DC\_28A-41A\_n78A | 28 | 738 | 5 | 25 | 793 | N/A | N/A |
| n78 | 3380 | 10 | 50 | 3380 | N/A | N/A |
| 41 | 2642 | 5 | 25 | 2642 | 29.5 | IMD2 |
| DC\_28A-41A\_n78A | 41 | 2642 | 5 | 25 | 2642 | N/A | N/A |
| n78 | 3440 | 10 | 50 | 3440 | N/A | N/A |
| 28 | 743 | 5 | 25 | 798 | 30.8 | IMD2 |
| DC\_28A-41A\_n79A | 28 | 743 | 5 | 25 | 798 | N/A | N/A |
| n79 | 4739 | 40 | 216 | 4739 | N/A | N/A |
| 41 | 2510 | 5 | 25 | 2510 | 8.6 | IMD4 |
| DC\_28A-41A\_n79A | 41 | 2650 | 5 | 25 | 2650 | N/A | N/A |
| n79 | 4502 | 40 | 216 | 4502 | N/A | N/A |
| 28 | 743 | 5 | 25 | 798 | 15.9 | IMD3 |
| DC\_28A-42A\_79A | 28 | 730 | 5 | 25 | 785 | N/A | N/A |
| 42 | 3420 | 5 | 25 | 3420 | 15.3 | IMD3 |
| n79 | 4880 | 40 | 216 | 4880 | N/A | N/A |
| 28 | 745 | 5 | 25 | 800 | 16.2 | IMD2 |
| 42 | 3597.5 | 5 | 25 | 3597.5 | N/A | N/A |
| n79 | 4420 | 40 | 216 | 4420 | N/A | N/A |
| DC\_19A\_n78A-n79A | 19 | 835 | 5 | 25 | 880 | N/A | N/A |
| n78 | 3680 | 10 | 50 | 3680 | N/A | N/A |
| n79 | 4515 | 40 | 216 | 4515 | 29.3 | IMD2 |
| 19 | 835 | 5 | 25 | 880 | N/A | N/A |
| n79 | 4550 | 40 | 216 | 4550 | N/A | N/A |
| n78 | 3715 | 10 | 50 | 3715 | 28.8 | IMD2 |
| DC\_20A\_n28A-n78A, DC\_20A\_SUL\_n78A-n83A | 20 | 857 | 5 | 25 | 816 | N/A | N/A |
| n28, n83 | 743 | 5 | 25 | 798 | N/A | N/A |
| n78 | 3314 | 10 | 50 | 3314 | 8.7 | IMD4 |
| 20 | 837 | 5 | 25 | 796 | N/A | N/A |
| n78 | 3310 | 10 | 50 | 3310 | N/A | N/A |
| n28 | 744 | 5 | 25 | 799 | 9.4 | IMD4 |
| DC\_21A\_n78A-n79A | 21 | 1453 | 5 | 25 | 1501 | N/A | N/A |
| n78 | 3420 | 10 | 50 | 3420 | N/A | N/A |
| n79 | 4873 | 40 | 216 | 4873 | 30.1 | IMD2 |
| 21 | 1453 | 5 | 25 | 1501 | N/A | N/A |
| n79 | 4940 | 40 | 216 | 4940 | N/A | N/A |
| n78 | 3487 | 10 | 50 | 3487 | 29.8 | IMD2 |
| DC\_28A\_n8A-n78A | 28 | 728 | 5 | 25 | 783 | N/A | N/A |
| n8 | 910 | 5 | 25 | 955 | N/A | N/A |
| n78 | 3458 | 10 | 50 | 3458 | 9.1 | IMD4  |3\*fn8 +fB28| |
| 28 | 713 | 5 | 25 | 768 | N/A | N/A |
| n8 | 890 | 5 | 25 | 935 | 4.3 | IMD5  |fn78 -4\*fB28| |
| n78 | 3787 | 10 | 50 | 3787 | N/A | N/A |
| DC\_30A-66A\_n5A,  DC\_30A-66A-66A\_n5A,  DC\_30A-66A-66A-66A\_n5A | 30 | 2310 | 5 | 25 | 2355 | N/A | N/A |
| 66 | 1730 | 5 | 25 | 2130 | 2.5 dB | IMD5 |
| n5 | 830 | 5 | 25 | 875 | N/A | N/A |
| DC\_66A\_n7A-n78A | 66 | 1730 | 5 | 25 | 1825 | N/A | N/A |
| n7 | 2560 | 5 | 25 | 2680 | N/A | N/A |
| n78 | 3390 | 10 | 50 | 3390 | 16.1 | IMD3 |
| DC\_66A\_n25A-n41A | 66 | 1715 | 5 | 25 | 2115 | 5 | N/A |
| n41 | 2685 | 10 | 50 | 2685 | 10 | N/A |
| n25 | 1860 | 5 | 25 | 1940 | 5 | 11.0 |
| DC\_66A\_n66A-n78A | 66 | 1775 | 5 | 25 | 2175 | N/A | N/A |
| n66 | 1725 | 5 | 25 | 2125 | 2.8 | IMD5  | 2\*fn78-3\*fB66| |
| n78 | 3725 | 10 | 50 | 3725 | N/A | N/A |
| NOTE 1: This band is subject to IMD3 also which MSD is not specified.  NOTE 2: For DC\_3A\_n3A-n77A, DC\_3A\_n3A-n78A paired with UL\_DC\_3A\_n3A, the 3rd DL bands n77/n78 are subject to IMD2 which MSD is not specified | | | | | | | |

## *<< Unchanged sections are omitted >>*

### 7.3B.3 ΔRIB,c, ΔRIBNC for DC

#### 7.3B.3.0 General

For the UE which supports inter-band EN-DC or NE-DC configuration, the minimum requirement for reference sensitivity in Table 7.3.1-1 and Table 7.3.1-1a in TS 36.101 [4], subclause 7.3.2, 7.3A.2, 7.3C.2 in TS 38.101-1 [2] and subclause 7.3.2, 7.3A.2 in TS 38.101-2 [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.

Unless ΔRIB,c is specified for the NE-DC configuration, the specified ΔRIB,c for the EN-DC configuration including same bands as the corresponding NE-DC configuration is applicable for the NE-DC configuration.

#### 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 on E-UTRA for reference sensitivity

| DC configuration | Aggregated channel bandwidth | | Wgap / (MHz) | UL E-UTRA allocation | ΔRIBNC (dB) | Duplex mode |
| --- | --- | --- | --- | --- | --- | --- |
| E-UTRA | NR |
| DC\_3A\_n3A | 5 MHz | 5 MHz | 45.0 < Wgap ≤ 65.0 | 121 | 4.7 | FDD |
| 0.0 < Wgap ≤ 45.0 | 251 | 0 |
| 5 MHz | 10 MHz | 40.0 < Wgap ≤ 60.0 | 121 | 3.8 |
| 0.0 < Wgap ≤ 40.0 | 251 | 0 |
| 5 MHz | 15 MHz | 35.0 < Wgap ≤ 55.0 | 121 | 3.6 |
| 0.0 < Wgap ≤ 35.0 | 251 | 0 |
| 5 MHz | 20 MHz | 30.0 < Wgap ≤ 50.0 | 121 | 3.4 |
| 0.0 < Wgap ≤ 30.0 | 251 | 0 |
| 5 MHz | 25 MHz | 25.0 < Wgap ≤ 45.0 | 121 | 3.2 |
| 0.0 < Wgap ≤ 25.0 | 251 | 0 |
| 5 MHz | 30 MHz | 20.0 < Wgap ≤ 40.0 | 121 | 3.0 |
| 0.0 < Wgap ≤ 20.0 | 251 | 0 |
| 10 MHz | 5 MHz | 30.0 < Wgap ≤ 60.0 | 125 | 5.1 |
| 0.0 < Wgap ≤ 30.0 | 321 | 0 |
| 10 MHz | 10MHz | 25.0 < Wgap ≤ 55.0 | 125 | 4.3 |
| 0.0 < Wgap ≤ 25.0 | 321 | 0 |
| 10 MHz | 15 MHz | 20.0 < Wgap ≤ 50.0 | 125 | 3.8 |
| 0.0 < Wgap ≤ 20.0 | 321 | 0 |
| 10 MHz | 20 MHz | 15.0 < Wgap ≤ 45.0 | 125 | 3.5 |
| 0.0 < Wgap ≤ 15.0 | 321 | 0 |
| 10 MHz | 25 MHz | 10.0 < Wgap ≤ 40.0 | 125 | 3.2 |
| 0.0 < Wgap ≤ 10.0 | 321 | 0 |
| 10 MHz | 30 MHz | 5.0 < Wgap ≤ 35.0 | 125 | 2.8 |
| 0.0 < Wgap ≤ 5.0 | 321 | 0 |
| 15 MHz | 5 MHz | 25.0 < Wgap ≤ 55.0 | 126 | 6.0 |
| 0.0 < Wgap ≤ 25.0 | 321 | 0 |
| 15 MHz | 10 MHz | 20.0 < Wgap ≤ 50.0 | 126 | 4.7 |
| 0.0 < Wgap ≤ 20.0 | 321 | 0 |
| 15 MHz | 15 MHz | 15.0 < Wgap ≤ 45.0 | 126 | 4.2 |
| 0.0 < Wgap ≤ 15.0 | 321 | 0 |
| 15 MHz | 20 MHz | 10.0 < Wgap ≤ 40.0 | 126 | 3.8 |
| 0.0 < Wgap ≤ 10.0 | 321 | 0 |
| 15 MHz | 25 MHz | 5.0 < Wgap ≤ 35.0 | 126 | 3.5 |
| 0.0 < Wgap ≤ 5.0 | 321 | 0 |
| 15 MHz | 30 MHz | 0.0 < Wgap ≤ 30.0 | 126 | 3.3 |
| 20 MHz | 5 MHz | 15.0 < Wgap ≤ 50.0 | 167 | 6.5 |
| 0.0 < Wgap ≤ 15.0 | 321 | 0 |
| 20 MHz | 10 MHz | 10.0 < Wgap ≤ 45.0 | 167 | 5.1 |
| 0.0 < Wgap ≤ 10.0 | 321 | 0 |
| 20 MHz | 15 MHz | 5.0 < Wgap ≤ 40.0 | 167 | 4.5 |
| 0.0 < Wgap ≤ 5.0 | 321 | 0 |
| 20 MHz | 20 MHz | 0.0 < Wgap ≤ 35.0 | 167 | 4.1 |
| 20 MHz | 25 MHz | 0.0 < Wgap ≤ 30.0 | 167 | 3.8 |
| 20 MHz | 30 MHz | 0.0 < Wgap ≤ 25.0 | 167 | 3.6 |
| DC\_66A\_n66A | NOTE 4 | | NOTE 8 | NOTE 9 | 0 | FDD |
| NOTE 1: 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 table only applies when the center frequency of E-UTRA carrier is higher than the NR carrier, and the ΔRIBNC applies to the NR DL carrier only  NOTE 4: All combinations of channel bandwidths defined in Table 5.3B.1.3-1.  NOTE 5: UL resource blocks shall be located at RBstart = 25.  NOTE 6: UL resource blocks shall be located at RBstart = 35.  NOTE 7: UL resource blocks shall be located at RBstart = 50.  NOTE 8: All applicable sub-block gap sizes.  NOTE 9: The UL LTE allocation is same as Transmission bandwidth configuration NRB as defined in Table 5.6-1 in TS 36.101 [4]. | | | | | | |

Table 7.3B.3.2-2: Intra-band non-contiguous EN-DC with one uplink configuration on NR for reference sensitivity (NR carrier is higher than the E-UTRA carrier)

| DC configuration | Aggregated bandwidth | | Wgap / (MHz) | UL NR allocation | ΔRIBNC (dB) | Duplex mode |
| --- | --- | --- | --- | --- | --- | --- |
| NR | E-UTRA |
| 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 |
| 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 |
| 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 |
| 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 |
| 25MHz | 5MHz | 10.0 < Wgap ≤ 45.0 | 168 | 7.4 |
| 0.0 < Wgap ≤ 10.0 | 321 | 0 |
| 25MHz | 10MHz | 5.0 < Wgap ≤ 40.0 | 168 | 5.5 |
| 0.0 < Wgap ≤ 5.0 | 321 | 0 |
| 25MHz | 15MHz | 0.0 < Wgap ≤ 35.0 | 168 | 4.9 |
| 25MHz | 20MHz | 0.0 < Wgap ≤ 30.0 | 168 | 4.6 |
| 30MHz | 5MHz | 5.0 < Wgap ≤ 40.0 | 169 | 8.3 |
| 0.0 < Wgap ≤ 5.0 | 321 | 0 |
| 30MHz | 10MHz | 0.0 < Wgap ≤ 35.0 | 169 | 5.9 |
| 30MHz | 15MHz | 0.0 < Wgap ≤ 30.0 | 169 | 5.5 |
| 30MHz | 20MHz | 0.0 < Wgap ≤ 25.0 | 169 | 4.9 |
| DC\_7A\_n7A | 5MHz | 5MHz | 0< Wgap ≤ 60 | 25 | 0.0 | FDD |
| 5MHz | 10MHz | 0 < Wgap ≤ 55 | 25 | 0.0 |
| 5MHz | 15MHz | 0 < Wgap ≤ 50 | 25 | 0.0 |
| 5MHz | 20MHz | 0 < Wgap ≤ 45 | 25 | 0.0 |
| 10MHz | 5MHz | 30 < Wgap ≤ 55 | 321 | 0.0 |
| 0 < Wgap ≤ 30 | 50 | 0.0 |
| 10MHz | 10MHz | 25.0 < Wgap ≤ 50.0 | 321 | 0.0 |
| 0.0 < Wgap ≤ 25.0 | 50 | 0.0 |
| 10MHz | 15MHz | 20 < Wgap ≤ 45 | 321 | 0.0 |
| 0 < Wgap ≤ 20 | 50 | 0.0 |
| 10MHz | 20MHz | 15 < Wgap ≤ 40 | 321 | 0.0 |
| 0 < Wgap ≤ 15 | 50 | 0.0 |
| 15MHz | 5MHz | 20.0 < Wgap ≤ 50.0 | 321 | 0.0 |
| 0.0 < Wgap ≤ 20.0 | 501 | 0.0 |
| 15MHz | 10MHz | 20.0 < Wgap ≤ 45.0 | 321 | 0.0 |
| 0.0 < Wgap ≤ 20.0 | 501 | 0.0 |
| 15MHz | 15MHz | 15.0 < Wgap ≤ 40.0 | 321 | 0.0 |
| 0.0 < Wgap ≤ 15.0 | 501 | 0.0 |
| 15MHz | 20MHz | 10 < Wgap ≤ 35 | 321 | 0.0 |
| 0 < Wgap ≤ 10 | 501 | 0.0 |
| 20MHz | 5MHz | 25 < Wgap ≤ 45 | 321 | 0.0 |
| 0 < Wgap ≤ 25 | 451 | 0.0 |
| 20MHz | 10MHz | 20 < Wgap ≤ 40 | 321 | 0.0 |
| 0 < Wgap ≤ 20 | 451 | 0.0 |
| 20MHz | 15MHz | 15.0 < Wgap ≤ 35.0 | 361 | 0.0 |
| 0.0 < Wgap ≤ 15.0 | 501 | 0.0 |
| 20MHz | 20MHz | 15.0 < Wgap ≤ 30.0 | 321 | 0.0 |
| 0.0 < Wgap ≤ 15.0 | 451 | 0.0 |
| 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 table only applies when the center frequency of NR carrier is higher than the E-UTRA carrier, and the ΔRIBNC applies to the E-UTRA DL carrier only.  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.  NOTE 8: 8 refers to the UL resource blocks shall be located at RBstart=60.  NOTE 9: 9 refers to the UL resource blocks shall be located at RBstart=75. | | | | | | |

#### 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\_n48 | 2 | 0.2 |
| n48 | 0.5 |
| DC\_2\_n66 | 2 | 0.3 |
| n66 | 0.3 |
| DC\_2\_n78 | 2 | 0.2 |
| n78 | 0.5 |
| DC\_3-n41 | n41 | 03 |
| 0.54 |
| DC\_3\_n51 | 3 | 0.2 |
| n51 | 0.2 |
| DC\_3\_n77, DC\_3-3\_n77 | 3 | 0.2 |
| n77 | 0.5 |
| DC\_3\_n78, DC\_3-3\_n78 | 3 | 0.2 |
| n78 | 0.5 |
| DC\_5\_n78 | 5 | 0.2 |
| n78 | 0.5 |
| DC\_4\_n38 | 4 | 0.5 |
| n38 | 0.5 |
| DC\_4\_n41 | 4 | 0.5 |
| n41 | [0.51] |
| [12] |
| DC\_4\_n78 | 4 | 0.2 |
| n78 | 0.5 |
| DC\_7\_n51 | n51 | 0.2 |
| DC\_7\_n66, DC\_7-7\_n66 | 7 | 0.5 |
| n66 | 0.5 |
| DC\_7\_n71 | n71 | 0.2 |
| DC\_7\_n77, DC\_7-7\_n77 | n77 | 0.5 |
| DC\_7\_n78, DC\_7-7\_n78 | n78 | 0.5 |
| DC\_8\_n28 | 8 | 0.2 |
| n28 | 0.1 |
| 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\_12\_n78 | 12 | 0.2 |
| n78 | 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,  DC\_25-25\_n41 | n41 | 01 |
| 0.52 |
| DC\_26A\_n77A | n77 | 0.5 |
| DC\_26\_n78 | n78 | 0.5 |
| DC\_28\_n8 | 28 | 0.1 |
| n8 | 0.2 |
| 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\_n40 | 39 | 0.3 |
| n40 | 0.3 |
| DC\_39-n41 | 39 | 0.2 |
| n41 | 0.2 |
| DC\_39\_n78 | n78 | 0.5 |
| DC\_39\_n79 | n79 | 0.5 |
| DC\_40\_n77 | 40 | 0.4 |
| n77 | 0.5 |
| DC\_40\_n78 | 40 | 0.45 |
| n78 | 0.55 |
| DC\_40\_n79 | n79 | 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\_66\_n2 | 66 | 0.3 |
| n2 | 0.3 |
| DC\_66\_n7 | 66 | 0.5 |
| n7 | 0.5 |
| DC\_66\_n25 | 66 | 0.3 |
| n25 | 0.3 |
| DC\_66\_n41 | 66 | 0.5 |
| n41 | 0.51 |
| 12 |
| DC\_66\_n48 | 66 | 0.2 |
| n48 | 0.5 |
| DC\_66\_n78 | 66 | 0.2 |
| n78 | 0.5 |
| 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.  NOTE 3: Applicable for the frequency range of 2515 – 2690 MHz.  NOTE 4: Applicable for the frequency range of 2496 – 2515 MHz.  NOTE 5: Only applicable for UE supporting inter-band carrier aggregation with uplink in one E-UTRA band and without simultaneous Rx/Tx. | | |

##### 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\_n3-n28 | n28 | 0.2 |
| DC\_1-3\_n41 | n41 | 01 |
| 0.52 |
| 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\_n3-n78 | 1 | 0.2 |
| n3 | 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\_n28 | 8 | 0.2 |
| n28 | 0.2 |
| DC\_1-8\_n77 | 1 | 0 |
| 8 | 0.2 |
| n77 | 0.5 |
| DC\_1-8\_n78 | 8 | 0.2 |
| n78 | 0.5 |
| DC\_1\_n8-n78 | 1 | 0.2 |
| n8 | 0.2 |
| n78 | 0.5 |
| DC\_1-11\_n77 | 1 | 0.2 |
| 11 | 0 |
| n77 | 0.5 |
| DC\_1-11\_n78 |  |  |
|  |  |
| 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 |  |  |
| 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\_n7 | 28 | 0.2 |
| DC\_1-28\_n77 | 28 | 0.2 |
| n77 | 0.5 |
| DC\_1-28\_n78 | 28 | 0.2 |
| n78 | 0.5 |
| DC\_1\_n28-n78 |  |  |
| 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 |
|  |  |
| DC\_1\_SUL\_n77-n80 | 1 | 0.2 |
| n77 | 0.5 |
| DC\_1\_SUL\_n77-n84 | 1 | 0.2 |
| n77 | 0.5 |
| DC\_1\_n78-n79 |  |  |
| n78 | 0.5 |
|  |  |
| DC\_1\_SUL\_n78-n80 | 1 | 0.2 |
| n78 | 0.5 |
| DC\_1-SUL\_n78-n84 | n78 | 0.5 |
| DC\_2-4\_n38 | 2 | 0.3 |
| 4 | 0.5 |
| n38 | 0.5 |
| DC\_2-4\_n41 | 2 | 0.3 |
| 4 | 0.5 |
| n41 | 0.5 |
| DC\_2-5\_n66 | 2 | 0.3 |
| n66 | 0.3 |
| DC\_2-7\_n66  DC\_2-7-7\_n66 | 2 | 0.3 |
| 7 | 0.5 |
| n66 | 0.5 |
| DC\_2-7\_n71 |  |  |
|  |  |
| n71 | 0.2 |
| DC\_2\_n7-n78 | 2 | 0.2 |
| n7 | 0.5 |
| n78 | 0.5 |
| DC\_2-12\_n66, DC\_2-2-12\_n66 | 2 | 0.3 |
| 12 | 0.5 |
| n66 | 0.3 |
| DC\_2-13\_n66 | 2 | 0.3 |
|  |  |
| n66 | 0.3 |
|  |  |  |
| DC\_2-30\_n5, DC\_2-2-30\_n5 | 2 | 0.4 |
| 30 | 0.5 |
|  |  |
| DC\_2-30\_n66, DC\_2-2-30\_n66 | 2 | 0.4 |
| 30 | 0.5 |
| n66 | 0.4 |
| DC\_2\_n41-n66 | 2 | 0.3 |
| n41 | 0.5 |
| n66 | 0.5 |
| DC\_2\_n41-n71 | 2 | 0 |
| n41 | 0 |
| n71 | 0 |
| DC\_2-66\_n5  DC\_2A-2A-66A\_n5A  DC\_2-66-66\_n5  DC\_2A-2A-66A-66A\_n5A  DC\_2-66-66-66\_n5 | 2 | 0.3 |
| 66 | 0.3 |
|  |  |
| DC\_2-66\_n41 | 2 | 0.3 |
| 66 | 0.5 |
| n41 | 0.51 |
| 12 |
| DC\_2-66\_n66 | 2 | 0.3 |
| 66 | 0.3 |
| n66 | 0.3 |
| DC\_2-66\_n71  DC\_2\_n66-n71 | 2 | 0.3 |
| 66 | 0.3 |
| DC\_2-66\_n78  DC\_2-66-66\_n78  DC\_2\_n66-n78 | 2 | 0.3 |
| 66 | 0.3 |
| n78 | 0.5 |
| DC\_3\_n1-n7 | 3 | 0 |
| n1 | 0 |
| n7 | 0 |
| DC\_3\_n1-n28 | 3 | 0 |
| n1 | 0 |
| n28 | 0.2 |
| 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\_n77 | 3 | 0.2 |
| 7 | 0.2 |
| n77 | 0.5 |
| DC\_3-7\_n78  DC\_3-7-7\_n78  DC\_3-3-7\_n78  DC\_3-3-7-7\_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\_n77 | 3 | 0.2 |
| 8 | 0.2 |
| n77 | 0.5 |
| DC\_3-8\_n78  DC\_3-3-8\_n78 | 3 | 0.2 |
| 8 | 0.2 |
| n78 | 0.5 |
|  |  |  |
|  |  |
|  |  |
| DC\_3-18-n77 | 3 | 0.2 |
| 18 | 0 |
| n77 | 0.5 |
| DC\_3-18-n78 | 3 | 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\_3-20\_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\_n5 |  |  |
| 28 | 0.1 |
| n5 | 0.1 |
| DC\_3-28\_n41 |  |  |
|  |  |
| n41 | 01/0.52 |
| DC\_3-28\_n78 | 3 | 0.2 |
| n78 | 0.5 |
| DC\_3\_n28-n78 | 3 | 0.2 |
|  |  |
| n78 | 0.5 |
| DC\_3-38\_n78 | 3 | 0.2 |
| 38 | 0.4 |
| n78 | 0.5 |
|  |  |  |
|  |  |
|  |  |
| DC\_3\_n40-n41 | 3 | 0 |
| n40 | 0 |
| n41 | 04 |
| 0.53 |
| DC\_3-41-n77 | 3 | 0.2 |
| 41 | 01 |
| 0.52 |
| n77 | 0.5 |
| DC\_3-41\_n78 | 3 | 0.2 |
| 41 | 01 |
| 0.52 |
| n78 | 0.5 |
| DC\_3-41-n79 | 3 | 0.2 |
| 41 | 01 |
| 0.52 |
|  |  |
| DC\_3\_SUL\_n41-n80 | n41 | 0.53 |
| 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 |
|  |  |
| DC\_3\_SUL\_n77-n80 | 3 | 0.2 |
| n77 | 0.5 |
| DC\_3\_SUL\_n77-n84 | 3 | 0.2 |
| n77 | 0.5 |
| DC\_3\_n78-n79 | 3 | 0.2 |
| n78 | 0.5 |
|  |  |
| DC\_3-SUL\_n78-n80 | 3 | 0.2 |
| n78 | 0.5 |
| DC\_3-SUL\_n78-n82 | 3 | 0.2 |
| n78 | 0.5 |
| DC\_3\_SUL\_n78-n84 | 3 | 0.2 |
| n78 | 0.5 |
| DC\_5-7\_n71 |  |  |
|  |  |
| n71 | 0.2 |
| DC\_5-7\_n78, DC\_5-7-7\_n78 | 5 | 0 |
| 7 or n7 | 0 |
| n78 | 0.2 |
| 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\_n1-n78 | 7 | 0.2 |
| n1 | 0.2 |
| n78 | 0.5 |
| DC\_7\_n3-n78 | 7 | 0.2 |
| n3 | 0.2 |
| n78 | 0.5 |
| DC\_7\_n7-n78 | 7 | 0.5 |
| n7 | 0.5 |
| n78 | 0.5 |
| DC\_7-8\_n1  DC\_7-7-8\_n1 |  |  |
| 8 | 0.2 |
|  |  |
| DC\_7-8\_n77 | 7 | 0 |
| 8 | 0.2 |
| n77 | 0.5 |
| DC\_7-8\_n78  DC\_7-7-8\_n78 |  |  |
| 8 | 0.2 |
| n78 | 0.5 |
| DC\_7-13\_n66 | 7 | 0.5 |
|  |  |
| n66 | 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\_7-40\_n1 | 7 | 0.3 |
| 40 | 0.8 |
| n1 | 0 |
| DC\_7-46\_n78 | n78 | 0.5 |
| DC\_7-66\_n66  DC\_7-7-66\_n66 | 7 | 0.5 |
| 66 | 0.5 |
| n66 | 0.5 |
| DC\_7\_n66-n78  DC\_7-7\_n66-n78 | 7 | 0.5 |
| n66 | 0.5 |
| n78 | 0.5 |
| DC\_7\_SUL\_n78-n80 | 7 | 0.2 |
| n78 | 0.5 |
| DC\_8\_n1-n78 | 8 | 0.2 |
| n1 | 0 |
| n78 | 0.5 |
| DC\_8\_n3-n28 | 8 | 0.2 |
| n3 | 0 |
| n28 | 0.1 |
| DC\_8-11\_n77 | 8 | 0.2 |
|  |  |
| n77 | 0.5 |
| DC\_8-11\_n78 | 8 | 0.2 |
|  |  |
| n78 | 0.2 |
| DC\_8-20\_n78 | 8 | 0.2 |
| n78 | 0.5 |
| DC\_8-42\_n77 | 8 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_8\_SUL\_n78-n80 | 8 | 0.2 |
| n78 | 0.5 |
| DC\_8A-SUL\_n78-n81 | 8 | 0.2 |
| n78 | 0.2 |
|  |  |
| DC\_12\_n7-n78 | 12 | 0.2 |
| n7 | 0.5 |
| n78 | 0.5 |
| DC\_12-30\_n2 |  |  |
| 30 | 0.5 |
| n2 | 0.4 |
| DC\_12-30\_n66 | 12 | 0.5 |
| 30 | 0.5 |
| n66 | 0.4 |
| DC\_12-66\_n2 | 12 | 0.5 |
| 66 | 0.3 |
| n2 | 0.3 |
| DC\_13-48\_n2 | 48 | 0.5 |
| n2 | 0.2 |
| DC\_13-48\_n66 | 48 | 0.5 |
| n66 | 0.2 |
|  |  |  |
|  |  |
|  |  |
| DC\_18\_n3-n78 | 18 | 0 |
| n3 | 0.2 |
| n78 | 0.5 |
| DC\_18-28\_n77 | n77 | 0.5 |
| DC\_18-28\_n78 | n78 | 0.5 |
| DC\_18-42\_n77 | 18 | 0 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_18-42\_n78 |  |  |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_18-42\_n79 |  |  |
| 42 | 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 |  |  |
| n77 | 0.5 |
|  |  |
| DC\_19\_n78-n79 |  |  |
| n78 | 0.5 |
| n79 | 0.0 |
| DC\_20\_n1-n28 | 20 | 0 |
| n1 | 0.2 |
| n28 | 0.2 |
| DC\_20\_n1-n78 | n78 | 0.5 |
| DC\_20\_n3-n78 | n3 | 0.2 |
| n78 | 0.5 |
|  |  |  |
|  |  |
|  |  |
| DC\_20\_n28-n75 |  |  |
| n28 | 0.2 |
|  |  |
| DC\_20\_n28-n78 | 20 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_20-38\_n78 | 38 | 0.4 |
| n78 | 0.5 |
| DC\_20\_n75-n78 |  |  |
|  |  |
| n78 | 0.5 |
| DC\_20\_n76-n78 |  |  |
|  |  |
| n78 | 0.5 |
| DC\_20\_SUL\_n78-n80 | 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 |  |  |
| n77 | 0.5 |
|  |  |
| DC\_21\_n78-n79 |  |  |
| n78 | 0.5 |
|  |  |
| DC\_25-41\_n41  DC\_25\_(n)41  DC\_25-25-41\_n41  DC\_25-25\_(n)41 | 41 | 01 |
| 0.52 |
| n41 | 01 |
| 0.52 |
| DC\_28-SUL\_n78-n83 | 28 | 0.2 |
| n78 | 0.5 |
| DC\_28\_n3-n78 | 28 | 0 |
| n3 | 0.2 |
| n78 | 0.5 |
| DC\_28\_n7-n78 | n78 | 0.5 |
| DC\_28-41\_n77 | 28 | 0.2 |
|  |  |
| n77 | 0.5 |
| DC\_28-41\_n78 | 28 | 0.2 |
|  |  |
| n78 | 0.5 |
| DC\_28-41\_n79 |  |  |
|  |  |
| n79 | 0.5 |
| 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\_30-66\_n2 | 30 | 0.5 |
| 66 | 0.4 |
| n2 | 0.4 |
| DC\_30-66\_n5  DC\_30-66-66\_n5  DC\_30-66-66-66\_n5 |  |  |
| 66 | 0.4 |
| n5 | 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\_46-66\_n41 | 66 | 0.5 |
| n41 | 0.51 |
| 12 |
| DC\_48-66\_n5 | 48 | 0.5 |
| 66 | 0.2 |
| DC\_66\_n7-n78 | 66 | 0.2 |
| n7 | 0.5 |
| n78 | 0.5 |
| DC\_66\_n25-n41 | 66 | 0.5 |
| n25 | 0.5 |
| n41 | 0.51 |
| 12 |
| DC\_66\_n25-n71 | 66 | 0.3 |
| n25 | 0.5 |
| DC\_66\_n41-n71 | 66 | 0.5 |
| n41 | 0.51 |
| 12 |
| n71 | 0.5 |
| DC\_66\_n66-n78 | 66 | 0.2 |
| n66 | 0.2 |
| n78 | 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 – 2690 MHz.  NOTE 2: The requirement is applied for UE transmitting on the frequency range of 2496 – 2545 MHz.  NOTE 3: The requirement is applied for UE transmitting on the frequency range of 2496 – 2515 MHz.  NOTE 4: The requirement is applied for UE transmitting on the frequency range of 2515 - 2690 MHz | | |

##### 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\_n77 | 1 | 0.2 |
| 3 | 0.2 |
| 8 | 0.2 |
| n77 | 0.5 |
| DC\_1-3-8\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| 8 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-28\_n5 | 28 | 0.2 |
| n5 | 0.2 |
| DC\_1-3-28\_n7 | 28 | 0.2 |
| 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\_1-3-18\_n77 | 1 | 0.2 |
| 3 | 0.2 |
| n77 | 0.5 |
| DC\_1-3-18\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| n78 | 0.5 |
| 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\_n38-n78 | 3 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-41\_n77 | 1 | 0.2 |
| 3 | 0.2 |
| n77 | 0.5 |
| DC\_1-3-41\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-41\_n79 | 41 | 01/0.52 |
| 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\_1-3\_n77-n79 | 1 | 0.2 |
| 3 | 0.2 |
| n77 | 0.5 |
| DC\_1-3\_n78-n79 | 1 | 0.2 |
| 3 | 0.2 |
| n78 | 0.5 |
| DC\_1-3\_SUL\_n78-n80 | 1 | 0.2 |
| 3 | 0.2 |
| n78 | 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\_1-7-8\_n78 | 1 | 0.2 |
| 7 | 0.2 |
| 8 | 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\_1-7-28\_n5 | 28 | 0.2 |
| n5 | 0.2 |
| DC\_1-7-28\_n7 | 28 | 0.2 |
| DC\_1-7-28\_n78 | 1 | 0.2 |
| 7 | 0.2 |
| 28 | 0.2 |
| n78 | 0.5 |
| DC\_1-7\_n28-n78 | 1 | 0.2 |
| 7 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_1-8\_n3-n28 | 8 | 0.2 |
| n28 | 0.2 |
| DC\_1-8-11\_n77 | 1 | 0.2 |
| 8 | 0.2 |
| n77 | 0.5 |
| DC\_1-8-11\_n78 | 8 | 0.2 |
| n78 | 0.5 |
| DC\_1-8-20\_n78 | 8 | 0.2 |
| n78 | 0.5 |
| DC\_1-8-42\_n77 | 1 | 0.2 |
| 8 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-18-28\_n77 | n77 | 0.5 |
| DC\_1-18-28\_n78 | n78 | 0.5 |
| DC\_1-18-42\_n77 | 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-18-42\_n78 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-18-42\_n79 | 42 | 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\_1-19\_n77-n79 | 1 | 0.3 |
| 19 | 0.3 |
| n77 | 0.5 |
| DC\_1-19\_n78-n79 | 1 | 0.3 |
| 19 | 0.3 |
| n78 | 0.5 |
| DC\_1-20\_n3-n78 | n78 | 0.5 |
| DC\_1-20\_n28-n78 | 1 | 0.0 |
| 20 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_1-20-38\_n78 | 38 | 0.4 |
| 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\_1-21\_n77-n79 | n77 | 0.5 |
| DC\_1-21\_n78-n79 | n78 | 0.5 |
| DC\_1-28\_n3-n78 | 1 | 0.2 |
| 28 | 0.2 |
| n3 | 0.2 |
| n78 | 0.5 |
| DC\_1-28\_n7-n78 | 1 | 0.2 |
| 28 | 0.2 |
| n7 | 0.2 |
| n78 | 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\_1-42\_n77-n79 | 1 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-42\_n78-n79 | 1 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_2-7-13\_n66 | 2 | 0.3 |
| 7 | 0.5 |
| n66 | 0.5 |
| DC\_2-7-7\_n38-n78 | 2 | 0.2 |
| n78 | 0.5 |
| DC\_2-7-66\_n66, DC\_2-7-7-66\_n66 | 2 | 0.3 |
| 7 | 0.5 |
| 66 | 0.5 |
| n66 |
| DC\_2-7-66\_n78 | 2 | 0.3 |
| 66 | 0.3 |
| n78 | 0.5 |
| DC\_2-7\_n66-n78  DC\_2-7-7\_n66-n78 | 2 | 0.3 |
| 7 | 0.5 |
| n66 | 0.5 |
| n78 | 0.5 |
| DC\_2-12-30\_n2 | 2 | 0.4 |
| 30 | 0.5 |
| n2 | 0.4 |
| DC\_2-12-30\_n66 | 2 | 0.4 |
| 12 | 0.5 |
| 30 | 0.5 |
| n66 | 0.4 |
| DC\_2-12-66\_n2 | 2 | 0.3 |
| 12 | 0.5 |
| 66 | 0.3 |
| n2 | 0.3 |
| DC\_2-12-66\_n66 | 2 | 0.3 |
| 12 | 0.5 |
| 66 | 0.3 |
| n66 | 0.3 |
| DC\_2-13-66\_n66 | 2 | 0.3 |
| 66 | 0.3 |
| n66 |
| DC\_2-30-66\_n5 | 2 | 0.4 |
| 30 | 0.5 |
| 66 | 0.4 |
| DC\_2-30-66\_n66 | 2 | 0.4 |
| 30 | 0.5 |
| 66 | 0.4 |
| n66 | 0.4 |
| DC\_2-46\_n41-n66 | 2 | 0.3 |
| n41 | 0.5 |
| n66 | 0.5 |
| DC\_2-46\_n41-n71 | n71 | 0.2 |
| DC\_2-46-66\_n41 | 2 | 0.3 |
| 66 | 0.5 |
| n41 | 0.51 |
| 12 |
| DC\_2-66-(n)71 | 2 | 0.3 |
| 66 | 0.3 |
| DC\_2-66\_n41-n71 | 2 | 0.3 |
| 66 | 0.3 |
| n41 | 0.51 |
| 12 |
| n71 | 0.5 |
| DC\_2-66\_n66-n78 | 2 | 0.3 |
| 66 | 0.3 |
| n66 | 0.3 |
| n78 | 0.5 |
| DC\_3-5-7\_n78  DC\_3-5-7-7\_n78 | 3 | 0.2 |
| 5 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_3-5-41\_n79 | 41 | 01/0.52 |
| DC\_3-7\_n1-n78 | 3 | 0.3 |
| 7 | 0.3 |
| n1 | 0.3 |
| n78 | 0.5 |
| DC\_3-7-7\_n78 | 3 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_3-7-8\_n1  DC\_3-3-7-8\_n1  DC\_3-7-7-8\_n1  DC\_3-3-7-7-8\_n1 | 8 | 0.2 |
| DC\_3-7-8\_n78  DC\_3-3-7-8\_n78  DC\_3-7-7-8\_n78  DC\_3-3-7-7-8\_n78 | 3 | 0.2 |
| 7 | 0.2 |
| 8 | 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\_3-7-40\_n1 | 7 | 0.3 |
| 40 | 0.8 |
| DC\_3-7\_SUL\_n78-n80 | 7 | 0.2 |
| 3 | 0.2 |
| n78 | 0.5 |
| DC\_3-8\_n1-n78  DC\_3-3-8\_n1-n78 | 3 | 0.2 |
| 8 | 0.2 |
| n1 | 0.2 |
| n78 | 0.5 |
| DC\_3-8-20\_n78 | 3 | 0.2 |
| 8 | 0.2 |
| n78 | 0.5 |
| DC\_3-8-42\_n77 | 3 | 0.2 |
| 8 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_3-8\_SUL\_n78-n80 | 3 | 0.2 |
| 8 | 0.2 |
| n78 | 0.5 |
| DC\_3-18-42\_n77 | 42 | 0.5 |
| n77 | 0.5 |
| DC\_3-18-42\_n78 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_3-18-42\_n79 | 3 | 0.2 |
| 42 | 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\_3-19\_n77-n79 | 3 | 0.2 |
| n77 | 0.5 |
| DC\_3-19\_n78-n79 | 3 | 0.2 |
| n78 | 0.5 |
| DC\_3-20\_n1-n28 | n1 | 0.2 |
| n28 | 0.2 |
| DC\_3-20\_n28-n78 | 3 | 0.2 |
| 20 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_3-20-38\_n78 | 3 | 0.2 |
| 38 | 0.4 |
| n78 | 0.5 |
| DC\_3\_20\_SUL\_n78-n80 | 3 | 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\_3-21\_n77-n79 | 3 | 0.3 |
| 21 | 0.5 |
| n77 | 0.5 |
| DC\_3-21\_n78-n79 | 3 | 0.3 |
| 21 | 0.5 |
| n78 | 0.5 |
| DC\_3-28\_n7-n78  DC\_3-3-28\_n7-n78 | 3 | 0.5 |
| 28 | 0.2 |
| n7 | 0.4 |
| n78 | 0.5 |
| DC\_3-28-41\_n78 | 3 | 0.5 |
| 28 | 0.2 |
| 41 | 0.41/0.52 |
| n78 | 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\_3-41-42\_n77 | 3 | 0.5 |
| 41 | 01/0.52 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_3-41-42\_n78 | 3 | 0.5 |
| 41 | 01/0.52 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_3-41-42\_n79 | 3 | 0.5 |
| 41 | 01/0.52 |
| 42 | 0.5 |
| DC\_3-42\_n77-n79 | 3 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_3-42\_n78-n79 | 3 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_5-7-7\_n78 | 5 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_7-13-66\_n66 | 7 | 0.5 |
| 66 | 0.5 |
| n66 |
| DC\_7-8\_n1-n78  DC\_7-7-8\_n1-n78 | 7 | 0.2 |
| 8 | 0.2 |
| n1 | 0.2 |
| n78 | 0.5 |
| DC\_7-20\_n3-n78 | n78 | 0.5 |
| DC\_7-20\_n28-n78 | 7 | 0.0 |
| 20 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_7-28\_n3-n78 | 7 | 0.5 |
| 28 | 0.2 |
| n3 | 0.5 |
| n78 | 0.5 |
| DC\_7-66\_n66-n78  DC\_7-7-66\_n66-n78 | 7 | 0.5 |
| 66 | 0.5 |
| n66 | 0.5 |
| n78 | 0.5 |
| DC\_12-30-66\_n2 | 12 | 0.5 |
| 30 | 0.5 |
| 66 | 0.4 |
| n2 | 0.4 |
| DC\_12-30-66\_n66 | 12 | 0.5 |
| 30 | 0.5 |
| 66 | 0.4 |
| n66 | 0.4 |
| DC\_1-18\_n3-n78 | 1 | 0.2 |
| n3 | 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\_19-21\_n77-n79 | n77 | 0.5 |
| DC\_19-21\_n78-n79 | n78 | 0.5 |
| DC\_19-42\_n77-n79 | 42 | 0.5 |
| n77 | 0.5 |
| DC\_19-42\_n78-n79 | 42 | 0.5 |
| n78 | 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 |
| DC\_21-42\_n77-n79 | 42 | 0.5 |
| n77 | 0.5 |
| DC\_21-42\_n78-n79 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_28-41-42\_n78 | 28 | 0.2 |
| 41 | 0.4 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_46-66\_n25-n41 | 66 | 0.3 |
| n25 | 0.3 |
| n41 | 0.51 |
| 12 |
| DC\_46-66\_n41-n71 | 66 | 0.3 |
| n41 | 0.51 |
| 12 |
| n71 | 0.2 |
| 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. | | |

##### 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\_1-3-5-41\_n79 | 41 | 01 |
| 0.52 |
| DC\_1-3-7-8\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| 7 | 0.2 |
| 8 | 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\_1-3-7-28\_n5 | 28 | 0.2 |
| n5 | 0.2 |
| DC\_1-3-7-28\_n7 | 28 | 0.2 |
| DC\_1-3-7-28\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| 7 | 0.2 |
| 28 | 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\_1-3-8-42\_n77 | 1 | 0.2 |
| 3 | 0.2 |
| 8 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-3-18-42\_n77 | 1 | 0.2 |
| 3 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-3-18-42\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-3-18-42\_n79 | 1 | 0.2 |
| 3 | 0.2 |
| 42 | 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\_1-3-20-38\_n78 | 3 | 0.2 |
| 38 | 0.4 |
| n78 | 0.5 |
| DC\_1-3-21\_n77-n79 | 1 | 0.2 |
| 3 | 0.3 |
| 21 | 0.5 |
| n77 | 0.5 |
| DC\_1-3-21\_n78-n79 | 1 | 0.2 |
| 3 | 0.3 |
| 21 | 0.5 |
| n78 | 0.5 |
| DC\_1-3-28\_n7-n78 | 1 | 0.2 |
| 3 | 0.2 |
| 28 | 0.2 |
| n7 | 0.2 |
| n78 | 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\_1-3-41-42\_n77 | 1 | 0.2 |
| 3 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-3-41-42\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-3-41-42\_n79 | 1 | 0.2 |
| 3 | 0.2 |
| 42 | 0.5 |
| DC\_1-7-20\_n3-n78 | n78 | 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\_1-19-42\_n77-n79 | 1 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-19-42\_n78-n79 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-20-38\_n3-n78 | n3 | 0.2 |
| n78 | 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\_1-21-42\_n77-n79 | 1 | 0.2 |
| 21 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-21-42\_n78-n79 | 21 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_2-7-13-66\_n66 | 2 | 0.3 |
| 7 | 0.5 |
| 66 | 0.5 |
| n66 | 0.5 |
| DC\_2-7-66\_n66-n78  DC\_2-7-7-66\_n66-n78 | 2 | 0.3 |
| 7 | 0.5 |
| 66 | 0.5 |
| n66 | 0.5 |
| n78 | 0.5 |
| DC\_2-12-30-66\_n2 | 2 | 0.4 |
| 12 | 0.5 |
| 30 | 0.5 |
| 66 | 0.4 |
| n2 | 0.4 |
| DC\_2-12-30-66\_n66 | 2 | 0.4 |
| 12 | 0.5 |
| 30 | 0.5 |
| 66 | 0.4 |
| n66 | 0.4 |
| DC\_2-46-66\_n41-n71 | 2 | 0.3 |
| 66 | 0.3 |
| n41 | 0.51 |
| 12 |
| n71 | 0.5 |
| DC\_3-7-8\_n1-n78  DC\_3-3-7-8\_n1-n78,  DC\_3-7-7-8\_n1-n78,  DC\_3-3-7-7-8\_n1-n78 | 3 | 0.2 |
| 7 | 0.2 |
| 8 | 0.2 |
| n1 | 0.2 |
| n78 | 0.5 |
| DC\_3-7-20\_n28-n78 | 3 | 0.2 |
| 7 | 0.2 |
| 20 | 0.2 |
| n28 | 0.2 |
| DC\_3-19-21-42\_n77 | 3 | 0.3 |
| 21 | 0.5 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_3-19-21-42\_n78 | 3 | 0.3 |
| 21 | 0.5 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_3-19-21-42\_n79 | 3 | 0.3 |
| 21 | 0.5 |
| 42 | 0.5 |
| DC\_3-28-41-42\_n78 | 3 | 0.5 |
| 28 | 0.2 |
| 41 | 0.41 |
| 0.52 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_19-21-42\_n77-n79 | 42 | 0.5 |
| n77 | 0.5 |
| DC\_19-21-42\_n78-n79 | 42 | 0.5 |
| n78 | 0.5 |
| 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. | | |

##### 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 >>*