**3GPP T****SG-RAN WG4 Meeting#100 Rev 1 of R4-2111783**

**E-meeting, 16th – 27th Aug, 2021**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-3** | **CR** |  | **rev** | **-** | **Current version:** | **17.2.0** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
|  | | | | | | | | |

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

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | DraftCR 38.101-3: Addition of DC\_2-2\_n30 and DC\_66-66\_n30 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Nokia, AT&T | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | DC\_R17\_1BLTE\_1BNR\_2DL2UL-Core | | | | |  | ***Date:*** | | | 2021-08-15 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | B |  | | | | | ***Release:*** | | | Rel-17 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories 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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Addition of DC\_2-2-n30 and DC\_66-66-n30 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Addition of DC\_2-2-n30 and DC\_66-66-n30 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | DC not possible | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5B.4.1, 6.2B.4.2.3.1, 7.3B.3.3.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **x** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **x** |  | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **x** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start of changes \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 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 | DL interruption allowed  (Note 14) |
| --- | --- | --- | --- |
| 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\_n20A | DC\_1A\_n20A | No |  |
| DC\_1A\_n28A | DC\_1A\_n28A | No |  |
| DC\_1A-1A\_n28A | DC\_1A\_n28A | No |  |
| DC\_1A\_n38A  DC\_1C\_n38A | DC\_1A\_n38A | No |  |
| DC\_1A\_n40A  DC\_1A\_n40B | DC\_1A\_n40A | No |  |
| DC\_1A\_n41A7 | DC\_1A\_n41A | No |  |
| DC\_1A\_n50A | DC\_1A\_n50A | No |  |
| DC\_1A\_n51A | DC\_1A\_n51A | No |  |
| DC\_1A\_n71A  DC\_1A\_n71B | DC\_1A\_n71A | No |  |
| DC\_1A\_n77A7  DC\_1A\_n77C7 | DC\_1A\_n77A | DC\_1\_n77 | No |
| DC\_1A\_n77(2A)7 | DC\_1A\_n77A | DC\_1\_n77 | No |
| DC\_1A\_n78A7  DC\_1A\_n78C7 | DC\_1A\_n78A | No | No |
| DC\_1A\_n78(2A)7  DC\_1A-1A\_n78A | DC\_1A\_n78A | No | No |
| DC\_1A\_n79A7  DC\_1A\_n79C7 | DC\_1A\_n79A | No | 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\_n12A | DC\_2A\_n12A | No |  |
| DC\_2A\_n28A | DC\_2A\_n28A | No |  |
| DC\_2A\_n30A  DC\_2A-2A\_n30A | DC\_2A\_n30A | No |  |
| DC\_2A\_n38A | DC\_2A\_n38A | No |  |
| DC\_2A-2A\_n38A | DC\_2A\_n38A | No |  |
| DC\_2A\_n41A  DC\_2A\_n41C  DC\_2C\_n41A | DC\_2A\_n41A  DC\_2C\_n41A | No |  |
| DC\_2A-2A\_n41A  DC\_2A\_n41(2A) | DC\_2A\_n41A | No |  |
| DC\_2A\_n46A | DC\_2A\_n46A | No |  |
| DC\_2A\_n48A  DC\_2A\_n48B | DC\_2A\_n48A | No |  |
| DC\_2A\_n66A  DC\_2A\_n66(2A) | 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\_n77A | DC\_2A\_n77A | DC\_2\_n77 |  |
| DC\_2A-2A\_n77A | DC\_2A\_n77A | DC\_2\_n77 |  |
| 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\_n8A | DC\_3A\_n8A | No |  |
| DC\_3A-3A\_n8A | DC\_3A\_n8A | 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\_n40B | DC\_3A\_n40A | No |  |
| DC\_3A\_n41A7  DC\_3C\_n41A | DC\_3A\_n41A  DC\_3C\_n41A | DC\_3\_n41 | No |
| DC\_3A\_n50A | DC\_3A\_n50A | No |  |
| DC\_3A\_n51A | DC\_3A\_n51A | No |  |
| DC\_3A\_n71A  DC\_3A\_n71B | DC\_3A\_n71A | No |  |
| DC\_3A\_n77A7  DC\_3A\_n77C7  DC\_3C\_n77A7 | DC\_3A\_n77A  DC\_3C\_n77A | No |  |
| DC\_3A\_n77(2A)7  DC\_3C\_n77(2A)7 | DC\_3A\_n77A  DC\_3C\_n77A | DC\_3\_n77 | No |
| DC\_3A-3A\_n77A7 | DC\_3A\_n77A | DC\_3\_n77 | No |
| DC\_3A\_n78A7  DC\_3A\_n78C7  DC\_3C\_n78A7 | DC\_3A\_n78A  DC\_3C\_n78A | DC\_3\_n77 | No |
| DC\_3A\_n77A7  DC\_3A\_n77C7  DC\_3C\_n77A7 | DC\_3A\_n77A  DC\_3C\_n77A | DC\_3\_n78 | No |
| DC\_3A\_n78(2A)7  DC\_3C\_n78(2A)7 | DC\_3A\_n78A | DC\_3\_n78 | No |
| DC\_3A-3A\_n78A7 | DC\_3A\_n78A | DC\_3\_n78 | No |
| DC\_3A\_n79A7  DC\_3A\_n79C7  DC\_3C\_n79A7 | DC\_3A\_n79A  DC\_3C\_n79A | No | No |
| DC\_4A\_n2A | DC\_4A\_n2A | No |  |
| DC\_4A\_n5A | DC\_4A\_n5A | DC\_4\_n5 |  |
| DC\_4A\_n7A | DC\_4A\_n7A | No |  |
| DC\_4A\_n28A | DC\_4A\_n28A | 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\_5B\_n2A | DC\_5A\_n2A | No |  |
| DC\_5A-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\_n12A | DC\_5A\_n12A | No |  |
| DC\_5A\_n30A | DC\_5A\_n30A | No |  |
| DC\_5A\_n38A | DC\_5A\_n38A | DC\_5\_n38 |  |
| DC\_5A\_n40A | DC\_5A\_n40A | No |  |
| DC\_5A\_n48A  DC\_5A\_n48B | DC\_5A\_n48A | No |  |
| DC\_5A\_n66A  DC\_5B\_n66A | DC\_5A\_n66A | DC\_5\_n66 |  |
| DC\_5A-5A\_n66A | DC\_5A\_n66A | DC\_5\_n66 |  |
| DC\_5A\_n77A | DC\_5A\_n77A | No |  |
| DC\_5A\_n71A | DC\_5A\_n71A | No |  |
| DC\_5A\_n78A7  DC\_5A\_n78C7 | DC\_5A\_n78A | No | No |
| DC\_5A\_n78(2A)7 | DC\_5A\_n78A | No | No |
| DC\_5A\_n79A | DC\_5A\_n79A | No | No |
| DC\_7A\_n1A  DC\_7C\_n1A | DC\_7A\_n1A  DC\_7C\_n1A | No |  |
| DC\_7A-7A\_n1A | DC\_7A\_n1A | No |  |
| DC\_7A\_n2A  DC\_7C\_n2A | DC\_7A\_n2A | 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\_n8A | DC\_7A\_n8A | No |  |
| DC\_7A-7A\_n8A | DC\_7A\_n8A | No |  |
| DC\_7A-7A\_n78A7  DC\_7A-7A\_n78C7 | DC\_7A\_n78A | No |  |
| DC\_7A-7A\_n78(2A)7 | DC\_7A\_n78A | No |  |
| DC\_7A\_n20A | DC\_7A\_n20A | No |  |
| DC\_7A\_n25A  DC\_7C\_n25A | DC\_7A\_n25A | No |  |
| DC\_7A-7A\_n25A | DC\_7A\_n25A | No |  |
| DC\_7A\_n28A  DC\_7C\_n28A | DC\_7A\_n28A  DC\_7C\_n28A | No |  |
| DC\_7A\_n40A | DC\_7A\_n40A | Yes |  |
| 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\_n77A7  DC\_7A\_n77(2A)  DC\_7C\_n77A  DC\_7C\_n77(2A) | DC\_7A\_n77A | No |  |
| DC\_7A-7A\_n77A7  DC\_7A-7A\_n77(2A) | DC\_7A\_n77A | No |  |
| DC\_7A\_n78A7  DC\_7C\_n78A7  DC\_7A\_n78C7 | 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\_n2A | DC\_8A\_n2A | DC\_8\_n2 |  |
| DC\_8A\_n3A | DC\_8A\_n3A | No |  |
| DC\_8A\_n7A | DC\_8A\_n7A | No |  |
| DC\_8A\_n20A | DC\_8A\_n20A | Yes |  |
| 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\_n41A7  DC\_8A\_n41C | DC\_8A\_n41A | No | No |
| DC\_8A\_n41(2A) | DC\_8A\_n41A | No | No |
| DC\_8A\_n77A7 | DC\_8A\_n77A | No | No |
| DC\_8A\_n77(2A)7 | DC\_8A\_n77A | No | No |
| DC\_8A\_n78A7 | DC\_8A\_n78A | No | No |
| DC\_8A\_n78(2A)7 | DC\_8A\_n78A | No | No |
| DC\_8A\_n79A7  DC\_8A\_n79C | DC\_8A\_n79A  DC\_8A\_n79C | No | No |
| DC\_8A\_n93A | DC\_8A\_n93A\_ULSUP-TDM | N/A |  |
| DC\_8A\_n94A | DC\_8A\_n94A\_ULSUP-TDM | N/A |  |
| DC\_11A\_n3A | DC\_11A\_n3A | No |  |
| DC\_11A\_n28A | DC\_11A\_n28A | No |  |
| DC\_11A\_n41A | DC\_11A\_n41A | No |  |
| DC\_11A\_n77A7 | DC\_11A\_n77A | No | No |
| DC\_11A\_n77(2A)7 | DC\_11A\_n77A | No | No |
| DC\_11A\_n78A7 | DC\_11A\_n78A | No | 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\_n25A | DC\_12A\_n25A | No |  |
| DC\_12A\_n30A | DC\_12A\_n30A | No |  |
| DC\_12A\_n38A | DC\_12A\_n38A | No |  |
| DC\_12A\_n41A | DC\_12A\_n41A | No |  |
| DC\_12A\_n66A  DC\_12A\_n66(2A) | DC\_12A\_n66A | No |  |
| DC\_12A\_n71A | DC\_12A\_n71A18,19 | DC\_12\_n71 |  |
| DC\_12A\_n77A | DC\_12A\_n77A | DC\_12\_n77 |  |
| DC\_12A\_n78A  DC\_12A\_n78(2A) | DC\_12A\_n78A | DC\_12\_n78 |  |
| DC\_13A\_n2A | DC\_13A\_n2A | No |  |
| DC\_13A\_n5A | DC\_13A\_n5A | DC\_13\_n5 |  |
| DC\_13A\_n7A  DC\_13A\_n7(2A) | DC\_13A\_n7A | No |  |
| DC\_13A\_n25A | DC\_13A\_n25A | No |  |
| DC\_13A\_n48A  DC\_13A\_n48B | DC\_13A\_n48A | No |  |
| DC\_13A\_n66A | DC\_13A\_n66A | No |  |
| DC\_13A\_n71A | DC\_13A\_n71A | No |  |
| DC\_13A\_n77A | DC\_13A\_n77A | No |  |
| DC\_13A\_n78A  DC\_13A\_n78(2A) | DC\_13A\_n78A | No |  |
| DC\_14A\_n2A | DC\_14A\_n2A | No |  |
| DC\_14A\_n30A | DC\_14A\_n30A | No |  |
| DC\_14A\_n66A | DC\_14A\_n66A | No |  |
| DC\_14A\_n77A | DC\_14A\_n77A | No |  |
| DC\_18A\_n3A | DC\_18A\_n3A | No |  |
| DC\_18A\_n28A8 | DC\_18A\_n28A | No |  |
| DC\_18A\_n41A16 | DC\_18A\_n41A | No |  |
| DC\_18A\_n77A7  DC\_18A\_n77(2A)7 | DC\_18A\_n77A | No | No |
| DC\_18A\_n78A7  DC\_18A\_n78(2A)7 | DC\_18A\_n78A | No | 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\_n1A | DC\_19A\_n1A | No |  |
| DC\_19A\_n77A7  DC\_19A\_n77C7  DC\_19A\_n77(2A)7 | DC\_19A\_n77A | No |  |
| DC\_19A\_n78A7  DC\_19A\_n78C7  DC\_19A\_n78(2A)7 | DC\_19A\_n78A | No | No |
| DC\_19A\_n79A7  DC\_19A\_n79C7 | DC\_19A\_n79A | No | 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, 11,13 | DC\_20A\_n28A | No |  |
| DC\_20A\_n38A | DC\_20A\_n38A | No |  |
| DC\_20A\_n41A | DC\_20A\_n41A | DC\_20\_n41 |  |
| 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\_n78C7 | DC\_20A\_n78A | No |  |
| DC\_20A\_n78(2A)7 | DC\_20A\_n78A | No |  |
| DC\_21A\_n1A | DC\_21A\_n1A | No |  |
| DC\_21A\_n28A17 | DC\_21A\_n28A | DC\_21\_n28 |  |
| DC\_21A\_n77A7  DC\_21A\_n77C7  DC\_21A\_n77(2A)7 | DC\_21A\_n77A | No |  |
| DC\_21A\_n78A7  DC\_21A\_n78C7  DC\_21A\_n78(2A)7 | DC\_21A\_n78A | No | No |
| DC\_21A\_n79A7  DC\_21A\_n79C7 | DC\_21A\_n79A | No | No |
| DC\_25A\_n41A | DC\_25A\_n41A | No |  |
| DC\_25A-25A\_n41A | DC\_25A\_n41A | No |  |
| DC\_25A\_n77A | DC\_25A\_n77A | DC\_25\_n77 |  |
| DC\_25A-25A\_n77A | DC\_25A\_n77A | DC\_25\_n77 |  |
| DC\_25A\_n78A | DC\_25A\_n78A | DC\_25\_n78 |  |
| DC\_25A-25A\_n78A | DC\_25A\_n78A | DC\_25\_n78 |  |
| 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\_n1A | DC\_28A\_n1A | No |  |
| DC\_28A\_n2A | DC\_28A\_n2A | 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\_n40A | DC\_28A\_n40A | No |  |
| DC\_28A\_n41A7 | DC\_28A\_n41A | No |  |
| DC\_28A\_n50A | DC\_28A\_n50A | No |  |
| DC\_28A\_n66A | DC\_28A\_n66A | No |  |
| DC\_28A\_n77A7  DC\_28A\_n77C7 | DC\_28A\_n77A | No | No |
| DC\_28A\_n77(2A)7 | DC\_28A\_n77A | No | No |
| DC\_28A\_n78A7  DC\_28A\_n78C7 | DC\_28A\_n78A | No | No |
| DC\_28A\_n78(2A)7 | DC\_28A\_n78A | No | 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\_30A\_n77A | DC\_30A\_n77A | No |  |
| DC\_38A\_n28A | DC\_38A\_n28A | No |  |
| DC\_38A\_n78A7 | DC\_38A\_n78A | No |  |
| DC\_39A\_n40A3 | DC\_39A\_n40A | No |  |
| DC\_39A\_n41A3  DC\_39C\_n41A3 | DC\_39A\_n41A  DC\_39C\_n41A | No | No |
| DC\_39A\_n78A5,7 | DC\_39A\_n78A | No |  |
| DC\_39A\_n79A7  DC\_39A\_n79C7 | DC\_39A\_n79A | No | No |
| DC\_40A\_n1A  DC\_40C\_n1A | DC\_40A\_n1A | No |  |
| DC\_40A\_n41A3  DC\_40A\_n41C3  DC\_40C\_n41A3 | DC\_40A\_n41A | No |  |
| DC\_40A\_n41(2A)3 | DC\_40A\_n41A | No |  |
| DC\_40A\_n77A | DC\_40A\_n77A | No |  |
| DC\_40A\_n78A  DC\_40C\_n78A | DC\_40A\_n78A  DC\_40C\_n78A | No |  |
| DC\_40A\_n78(2A)  DC\_40C\_n78(2A) | DC\_40A\_n78A  DC\_40C\_n78A | No |  |
| DC\_40A\_n79A7,12  DC\_40A\_n79C7,12  DC\_40C\_n79A7,12 | DC\_40A\_n79A | No | No |
| DC\_41A\_n3A7  DC\_41C\_n3A7 | DC\_41A\_n3A  DC\_41C\_n3A | No |  |
| DC\_41A\_n28A7  DC\_41C\_n28A7 | DC\_41A\_n28A  DC\_41C\_n28A | 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\_41D\_n78A | DC\_41A\_n78A  DC\_41C\_n78A | No |  |
| DC\_41A\_n78(2A)  DC\_41C\_n78(2A) | DC\_41A\_n78A  DC\_41C\_n78A | No |  |
| DC\_41A\_n79A6,7  DC\_41A\_n79C6,7  DC\_41C\_n79A6,7 | DC\_41A\_n79A  DC\_41C\_n79A | No | No |
| DC\_42A\_n1A  DC\_42C\_n1A | DC\_42A\_n1A | No |  |
| DC\_42A\_n3A  DC\_42C\_n3A | DC\_42A\_n3A  DC\_42C\_n3A | DC\_42\_n3 |  |
| DC\_42A\_n28A7  DC\_42C\_n28A7 | DC\_42A\_n28A  DC\_42C\_n28A | 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\_n77(2A)3,4,9,11  DC\_42C\_n77(2A)3,4,9,11 | 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\_n79A9,15  DC\_42A\_n79C9,15  DC\_42C\_n79A9,15  DC\_42C\_n79C9,15  DC\_42D\_n79A9,15  DC\_42D\_n79C9,15  DC\_42E\_n79A9,15  DC\_42E\_n79C9,15 | N/A | N/A |  |
| DC\_46A\_n77A2 | N/A | N/A |  |
| DC\_46A\_n78A2  DC\_46C\_n78A2  DC\_46D\_n78A2  DC\_46E\_n78A2 | N/A | N/A |  |
| DC\_48A\_n5A  DC\_48C\_n5A  DC\_48D\_n5A  DC\_48E\_n5A | DC\_48A\_n5A | No |  |
| DC\_48A\_n12A | DC\_48A\_n12A | No |  |
| DC\_48A\_n46A  DC\_48B\_n46A  DC\_48C\_n46A  DC\_48D\_n46A  DC\_48E\_n46A  DC\_48A\_n46B  DC\_48B\_n46B  DC\_48C\_n46B  DC\_48D\_n46B  DC\_48E\_n46B  DC\_48A\_n46C  DC\_48B\_n46C  DC\_48C\_n46C  DC\_48D\_n46C  DC\_48E\_n46C  DC\_48A\_n46D  DC\_48B\_n46D  DC\_48C\_n46D  DC\_48D\_n46D  DC\_48E\_n46D  DC\_48A\_n46E  DC\_48B\_n46E  DC\_48C\_n46E  DC\_48D\_n46E  DC\_48E\_n46E | DC\_48A\_n46A  DC\_48B\_n46A | No |  |
| DC\_48A\_n25A  DC\_48C\_n25A  DC\_48D\_n25A | DC\_48A\_n25A | No |  |
| DC\_48A\_n66A  DC\_48C\_n66A  DC\_48D\_n66A | DC\_48A\_n66A | No |  |
| DC\_48A\_n71A  DC\_48B\_n71A  DC\_48C\_n71A  DC\_48D\_n71A | DC\_48A\_n71A | No |  |
| DC\_48A-48A\_n71A  DC\_48A-48A-48A\_n71A | DC\_48A\_n71A | No |  |
| DC\_66A\_n2A  DC\_66B\_n2A  DC\_66C\_n2A | DC\_66A\_n2A | DC\_66\_n2 |  |
| DC\_66A-66A\_n2A  DC\_66A-66A-66A\_n2A | DC\_66A\_n2A | DC\_66\_n2 |  |
| DC\_66A\_n5A  DC\_66B\_n5A  DC\_66C\_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\_n7(2A)  DC\_66A-66A\_n7(2A) | DC\_66A\_n7A | No |  |
| DC\_66A\_n12A | DC\_66A\_n12A | No |  |
| DC\_66A\_n25A | DC\_66A\_n25A | DC\_66\_n25 |  |
| DC\_66A\_n28A | DC\_66A\_n28A | No |  |
| DC\_66A\_n30A  DC\_66A-66A\_n30A | DC\_66A\_n30A | No |  |
| DC\_66A\_n38A | DC\_66A\_n38A | No |  |
| DC\_66A-66A\_n38A | DC\_66A\_n38A | No |  |
| DC\_66A\_n41A  DC\_66A\_n41C | DC\_66A\_n41A | No |  |
| DC\_66A\_n41(2A) | DC\_66A\_n41A | No |  |
| DC\_66A\_n46A | DC\_66A\_n46A | No |  |
| DC\_66A\_n48A  DC\_66A\_n48B | DC\_66A\_n48A | No |  |
| DC\_66A-66A\_n48A  DC\_66A-66A\_n48B | DC\_66A\_n48A | No |  |
| DC\_66A\_n71A  DC\_66C\_n71A  DC\_66A\_n71B | DC\_66A\_n71A | No |  |
| DC\_66A-66A\_n71A | DC\_66A\_n71A | No |  |
| DC\_66A\_n77A | DC\_66A\_n77A | DC\_66\_n77 |  |
| DC\_66A-66A\_n77A  DC\_66A-66A-66A\_n77A | DC\_66A\_n77A | DC\_66\_n77 |  |
| DC\_66A\_n78A | DC\_66A\_n78A | No |  |
| DC\_66A\_n78(2A) | DC\_66A\_n78A | No |  |
| DC\_66A-66A\_n78A | DC\_66A\_n78A | No |  |
| DC\_66A-66A\_n78(2A) | DC\_66A\_n78A | No |  |
| DC\_71A\_n2A | DC\_71A\_n2A | No |  |
| DC\_71A\_n5A | DC\_71A\_n5A | No |  |
| DC\_71A\_n38A | DC\_71A\_n38A | No |  |
| DC\_71A\_n41A | DC\_71A\_n41A | No |  |
| DC\_71A\_n48A | DC\_71A\_n48A | No |  |
| DC\_71A\_n66A | DC\_71A\_n66A | No |  |
| DC\_71A\_n78A | DC\_71A\_n78A | 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 non-contiguous EN-DC apply. When UE capability *interBandContiguousMRDC* is indicated, the minimum requirements for intra-band-contiguous EN-DC also should be met in addtion to intra-band non-contiguous EN-DC*.* 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: Void.  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.  NOTE 14: Applicable when dynamic switching between two uplink carriers is conducted. The DL interruption requirements for NR DL carrier(s) and E-UTRA DL carrier(s) are specified in clause 8.2.1.2.14 of 38.133 [15] and clause 7.32.2.12 of 36.133 [16] respectively.  NOTE 15: Simultaneous Rx/Tx capability does not apply for UEs supporting band 42 with a n77 implementation only. Same restrictions are applied to related higher order configurations.  NOTE 16: The frequency range in band n41 is restricted for this band combination to 2595 – 2645 MHz.  NOTE 17: The frequency range in band n28 is restricted for this band combination to 728 - 738 MHz for the UL and 783 - 793 MHz for the DL. This restriction applies also for these band combinations when applicable EN-DC configuration is part of a higher order EN-DC configuration.  NOTE 18: Only single switched UL is supported.  NOTE 19: The implementation with 4 antennas is targeted for FWA form factor for this band combination. | | | |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Next changes \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

###### 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 |
| DC\_1-1\_n7 | n7 | 0.6 |
| DC\_1\_n8 | 1 | 0.3 |
|  | n8 | 0.3 |
| DC\_1\_n20 | 1 | 0.3 |
|  | n20 | 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\_n41 | 1 | 0.5 |
|  | n41 | 0.5 |
| DC\_1\_n50 | 1 | 0.5 |
|  | n50 | 0.5 |
| DC\_1\_n51 | 1 | 0.6 |
|  | n51 | 0.6 |
| DC\_1\_n71 | 1 | 0.3 |
|  | n71 | 0.3 |
| DC\_1\_n77 | 1 | 0.6 |
|  | n77 | 0.8 |
| DC\_1\_n78 | 1 | 0.3 |
|  | n78 | 0.8 |
| DC\_2\_n5 | 2 | 0.3 |
| DC\_2-2\_n5 | n5 | 0.3 |
| DC\_2\_n7 | 2 | 0.5 |
|  | n7 | 0.5 |
| DC\_2\_n12 | 2 | 0.3 |
|  | n12 | 0.3 |
| DC\_2\_n28 | 2 | 0.3 |
|  | n28 | 0.3 |
| DC\_2\_n30  DC\_2-2\_n30 | 2 | 0.5 |
|  | n30 | 0.3 |
| DC\_2\_n38, | 2 | 0.5 |
| DC\_2-2\_n38 | n38 | 0.9 |
| DC\_2\_n41, | 2 | 0.5 |
| DC\_2-2\_n41 | n41 | 0.41 |
|  |  | 0.92 |
| DC\_2\_n48 | 2 | 0.6 |
|  | n48 | 0.8 |
| DC\_2\_n66 | 2 | 0.5 |
| DC\_2-2\_n66 | n66 | 0.5 |
| DC\_2\_n71, | 2 | 0.3 |
| DC\_2-2\_n71 | n71 | 0.3 |
| DC\_2\_n77  DC\_2-2\_n77 | 2 | 0.6 |
|  | n77 | 0.8 |
| DC\_2\_n78, | 2 | 0.6 |
| DC\_2-2\_n78 | n78 | 0.8 |
| DC\_3\_n1 | 3 | 0.3 |
|  | n1 | 0.3 |
| DC\_3\_n5 | 3 | 0.3 |
|  | n5 | 0.3 |
| DC\_3\_n8, | 3 | 0.3 |
| DC\_3-3\_n8 | n8 | 0.3 |
| DC\_3\_n7, | 3 | 0.5 |
| DC\_3-3\_n7 | 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\_3\_n71 | 3 | 0.3 |
|  | n71 | 0.3 |
| 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\_n2 | 4 | 0.5 |
|  | n2 | 0.5 |
| DC\_4\_n5 | 4 | 0.3 |
|  | n5 | 0.3 |
| DC\_4\_n7 | 4 | 0.5 |
|  | n7 | 0.5 |
| DC\_4\_n28 | 4 | 0.3 |
|  | n28 | 0.6 |
| 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,  DC\_5-5\_n2 | 5 | 0.3 |
|  | n2 | 0.3 |
| DC\_5\_n7 | 5 | 0.3 |
|  | n7 | 0.3 |
| DC\_5\_n12 | 5 | 0.8 |
|  | n12 | 0.4 |
| DC\_5\_n30 | 5 | 0.3 |
|  | n30 | 0.3 |
| DC\_5\_n38 | 5 | 0.3 |
|  | n38 | 0.3 |
| DC\_5\_n40 | 5 | 0.3 |
|  | n40 | 0.3 |
| DC\_5\_n48 | 5 | 0.3 |
|  | n48 | 0.3 |
| DC\_5\_n66,  DC\_5-5\_n66 | 5 | 0.3 |
|  | n66 | 0.3 |
| DC\_5\_n71 | 5 | 0.5 |
|  | n71 | 0.5 |
| DC\_5\_n77 | 5 | 0.6 |
|  | n77 | 0.8 |
| DC\_5\_n78 | 5 | 0.6 |
|  | n78 | 0.8 |
| DC\_7\_n1, DC\_7-7\_n1 | 7 | 0.6 |
|  | n1 | 0.5 |
| DC\_7\_n2 | 7 | 0.5 |
|  | n2 | 0.5 |
| DC\_7\_n3 | 7 | 0.5 |
|  | n3 | 0.5 |
| DC\_7\_n5, | 7 | 0.3 |
| DC\_7-7\_n5 | n5 | 0.3 |
| DC\_7\_n8, | 7 | 0.3 |
| DC\_7-7\_n8 | n8 | 0.6 |
| DC\_7\_n20 | 7 | 0.3 |
|  | n20 | 0.3 |
| DC\_7\_n25 | 7 | 0.5 |
|  | n25 | 0.5 |
| DC\_7\_n28 | 7 | 0.3 |
|  | n28 | 0.3 |
| DC\_7\_n40 | 7 | 0.5 |
|  | n40 | 0.6 |
| DC\_7\_n51 | 7 | 0.3 |
|  | n51 | 0.3 |
| DC\_7\_n71 | 7 | 0.3 |
|  | n71 | 0.6 |
| DC\_7\_n66, DC\_7-7\_n66 | 7 | 0.5 |
|  | n66 | 0.5 |
| 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\_n2 | 8 | 0.3 |
|  | n2 | 0.3 |
| DC\_8\_n3 | 8 | 0.3 |
|  | n3 | 0.3 |
| DC\_8\_n7 | 8 | 0.6 |
|  | n7 | 0.3 |
| DC\_8\_n20 | 8 | 0.4 |
|  | n20 | 0.4 |
| 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 |
|  | n78 | 0.8 |
| DC\_11\_n3 | 11 | 0.8 |
|  | n3 | 0.9 |
| DC\_11\_n28 | 11 | 0.4 |
|  | n28 | 0.6 |
| DC\_11\_n41 | 11 | 0.3 |
|  | n41 | 0.3 |
| 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\_n25 | 12 | 0.3 |
|  | n25 | 0.3 |
| DC\_12\_n30 | 12 | 0.3 |
|  | n30 | 0.3 |
| DC\_12\_n38 | 12 | 0.3 |
|  | n38 | 0.3 |
| DC\_12\_n41 | 12 | 0.3 |
|  | n41 | 0.3 |
| DC\_12\_n66 | 12 | 0.8 |
|  | n66 | 0.3 |
| DC\_12\_n71 | 12 | 1 |
|  | n71 | 1 |
| DC\_12\_n77 | 12 | 0.5 |
|  | n77 | 0.8 |
| DC\_12\_n78 | 12 | 0.5 |
|  | n78 | 0.8 |
| DC\_13\_n2 | 13 | 0.3 |
|  | n2 | 0.3 |
| DC\_13\_n5 | 13 | 0.5 |
|  | n5 | 0.5 |
| DC\_13\_n7 | 13 | 0.5 |
|  | n7 | 0.5 |
| DC\_13\_n25 | 13 | 0.3 |
|  | n25 | 0.3 |
| 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\_13\_n77 | 13 | 0.5 |
|  | n77 | 0.8 |
| DC\_13\_n78 | 13 | 0.5 |
|  | n78 | 0.8 |
| DC\_14\_n2 | 14 | 0.3 |
|  | n2 | 0.3 |
| DC\_14\_n30 | 14 | 0.3 |
|  | n30 | 0.3 |
| DC\_14\_n66 | 14 | 0.3 |
|  | n66 | 0.3 |
| DC\_14\_n77 | 14 | 0.5 |
|  | n77 | 0.8 |
| DC\_18\_n3 | 18 | 0.3 |
|  | n3 | 0.3 |
| DC\_18\_n28 | 18 | 0.5 |
|  | n28 | 0.5 |
| DC\_18\_n41 | 18 | 0.3 |
|  | n41 | 0.33 |
| DC\_18\_n77 | 18 | 0.3 |
|  | n77 | 0.8 |
| DC\_18\_n78 | 18 | 0.3 |
|  | n78 | 0.8 |
| DC\_19\_n1 | 19 | 0.3 |
|  | n1 | 0.3 |
| 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 | 0.5 |
|  | n38 | 0.3 |
| DC\_20\_n41 | 20 | 0.3 |
|  | n41 | 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\_n1 | 21 | 0.3 |
|  | n1 | 0.3 |
| DC\_21\_n28 | 21 | 0.4 |
|  | n28 | 0.3 |
| DC\_21\_n77 | 21 | 0.4 |
|  | n77 | 0.8 |
| DC\_21\_n78 | 21 | 0.4 |
|  | n78 | 0.8 |
| DC\_25\_n41,  DC\_25-25\_n41 | 25 | 0.5 |
|  | n41 | 0.41 |
|  |  | 0.92 |
| DC\_25\_n77  DC\_25-25\_n77 | 25 | 0.6 |
|  | n77 | 0.8 |
| DC\_25\_n78  DC\_25-25\_n78 | 25 | 0.6 |
|  | n78 | 0.8 |
| 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\_n1 | n1 | 0.3 |
|  | 28 | 0.6 |
| DC\_28\_n2 | 28 | 0.3 |
|  | n2 | 0.3 |
| 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\_n40 | 28 | 0.3 |
|  | n40 | 0.3 |
| 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\_n66 | 28 | 0.6 |
|  | n66 | 0.3 |
| 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\_30\_n77 | 30 | 0.5 |
|  | n77 | 0.8 |
| DC\_38\_n28 | 38 | 0.3 |
|  | n28 | 0.3 |
| 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\_n3 | 41 | 0.33 |
|  |  | 0.84 |
|  | n3 | 0.5 |
| DC\_41\_n28 | 41 | 0.3 |
|  | n28 | 0.3 |
| 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\_n1 | 42 | 0.8 |
|  | n1 | 0.3 |
| DC\_42\_n3 | 42 | 0.8 |
|  | n3 | 0.6 |
| DC\_42\_n28 | 42 | 0.5 |
|  | n28 | 0.8 |
| DC\_42\_n51 | 42 | 0.6 |
|  | n51 | 0.8 |
| DC\_48\_n5 | 48 | 0.3 |
|  | n5 | 0.3 |
| DC\_48\_n12 | 48 | 0.3 |
|  | n12 | 0.3 |
| DC\_48\_n25 | 48 | 0.8 |
|  | n25 | 0.6 |
| DC\_48\_n46 | 48 | 0.8 |
| DC\_48\_n66 | 48 | 0.8 |
|  | n66 | 0.6 |
| DC\_48\_n71  DC\_48-48\_n71  DC\_48-48-48\_n71 | 48 | 0.3 |
|  | n71 | 0.3 |
| DC\_66\_n2 | 66 | 0.5 |
| DC\_66-66\_n2  DC\_66-66-66\_n2 | n2 | 0.5 |
| DC\_66\_n5,  DC\_66-66\_n5,  DC\_66-66-66\_n5 | 66 | 0.3 |
|  | n5 | 0.3 |
| DC\_66\_n7, | 66 | 0.5 |
| DC\_66-66\_n7 | n7 | 0.5 |
| DC\_66\_n12 | 66 | 0.8 |
|  | n12 | 0.3 |
| DC\_66\_n25 | 66 | 0.5 |
|  | n25 | 0.5 |
| DC\_66\_n28 | n28 | 0.6 |
|  | 66 | 0.3 |
| DC\_66\_n30  DC\_66-66\_n30 | 66 | 0.5 |
|  | n30 | 0.8 |
| DC\_66\_n38, | 66 | 0.5 |
| DC\_66-66\_n38 | n38 | 0.5 |
| DC\_66\_n41 | 66 | 0.5 |
|  | n41 | 0.81 |
|  |  | 1.32 |
| DC\_66\_n48,  DC\_66-66\_n48 | 66 | 0.6 |
|  | n48 | 0.8 |
| DC\_66\_n71, | 66 | 0.3 |
| DC\_66-66\_n71 | n71 | 0.3 |
| DC\_66\_n77  DC\_66-66\_n77  DC\_66-66-66\_n77 | 66 | 0.6 |
|  | n77 | 0.8 |
| DC\_66\_n78, | 66 | 0.6 |
| DC\_66-66\_n78 | n78 | 0.8 |
| DC\_71\_n2 | 71 | 0.3 |
|  | n2 | 0.3 |
| DC\_71\_n5 | 71 | 0.5 |
|  | n5 | 0.5 |
| DC\_71\_n38 | 71 | 0.6 |
|  | n38 | 0.3 |
| DC\_71\_n41 | 71 | 0.6 |
|  | n41 | 0.3 |
| DC\_71\_n48 | 71 | 0.3 |
|  | n48 | 0.3 |
| DC\_71\_n66 | 71 | 0.3 |
|  | n66 | 0.3 |
| DC\_71\_n78 | 71 | 0.5 |
|  | 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.  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. | | |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Next changes \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

##### 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\_n30  DC\_2-2\_n30 | 2 | 0.4 |
|  | n30 | 0.5 |
| DC\_2\_n48 | 2 | 0.2 |
|  | n48 | 0.5 |
| DC\_2\_n66 | 2 | 0.3 |
| DC\_2-2\_n66 | n66 | 0.3 |
| DC\_2\_n77  DC\_2-2\_n77 | 2 | 0.2 |
|  | n77 | 0.5 |
| DC\_2\_n78, DC\_2-2\_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\_4\_n2 | 4 | 0.3 |
|  | n2 | 0.3 |
| DC\_4\_n28 | n28 | 0.2 |
| 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\_5\_n12 | 5 | 0.5 |
|  | n12 | 0.3 |
| DC\_5\_n77 | 5 | 0.2 |
|  | n77 | 0.5 |
| DC\_5\_n78 | 5 | 0.2 |
|  | n78 | 0.5 |
| DC\_7\_n8, DC\_7-7\_n8 | n8 | 0.2 |
| DC\_7\_n40 | n40 | 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\_n7 | 8 | 0.2 |
| 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\_n3 | 11 | 0.3 |
|  | n3 | 0.5 |
| DC\_11\_n28 | n28 | 0.2 |
| DC\_11\_n77 | n77 | 0.5 |
| DC\_11\_n78 | n78 | 0.5 |
| DC\_12\_n5 | 12 | 0.3 |
|  | n5 | 0.5 |
| DC\_12\_n66 | 12 | 0.5 |
| DC\_12\_n71 | 12 | 0.8 |
| n71 | 0.8 |
| DC\_12\_n77 | 12 | 0.2 |
|  | n77 | 0.5 |
| DC\_12\_n78 | 12 | 0.2 |
|  | n78 | 0.5 |
| DC\_13\_n7 | 13 | 0.5 |
|  | n7 | 0.5 |
| DC\_13\_n77 | 13 | 0.2 |
|  | n77 | 0.5 |
| DC\_13\_n78 | 13 | 0.2 |
|  | n78 | 0.5 |
| DC\_14\_n77 | 14 | 0.2 |
|  | n77 | 0.5 |
| DC\_18\_n41 | n41 | 03 |
| DC\_18\_n77 | n77 | 0.5 |
| DC\_19\_n77 | n77 | 0.5 |
| DC\_19\_n78 | n78 | 0.5 |
| DC\_20\_n38 | 20 | 0.2 |
| 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\_25\_n77  DC\_25-25\_n77 | 25 | 0.2 |
| n77 | 0.5 |
| DC\_25\_n78  DC\_25-25\_n78 | 25 | 0.2 |
| n78 | 0.5 |
| DC\_26\_n77 | n77 | 0.5 |
| DC\_26\_n78 | n78 | 0.5 |
| DC\_28\_n1 | 28 | 0.2 |
| DC\_28\_n8 | 28 | 0.1 |
|  | n8 | 0.2 |
| DC\_28\_n51 | n51 | 0.2 |
| DC\_28\_n66 | 28 | 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\_30\_n77 | n77 | 0.5 |
| 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\_n3 | 41 | 03 |
|  |  | 0.54 |
| DC\_41\_n77 | n77 | 0.5 |
| DC\_41\_n78 | n78 | 0.5 |
| DC\_41\_n79 | n79 | 0.5 |
| DC\_42\_n1 | 42 | 0.5 |
| DC\_42\_n3 | 42 | 0.5 |
|  | n3 | 0.2 |
| DC\_42\_n28 | 42 | 0.2 |
|  | n28 | 0.5 |
| DC\_42\_n51 | n51 | 0.2 |
| DC\_48\_n25 | 48 | 0.5 |
|  | n25 | 0.2 |
| DC\_48\_n46 | 48 | 0.5 |
| DC\_48\_n66 | 48 | 0.5 |
|  | n66 | 0.2 |
| DC\_66\_n2 | 66 | 0.3 |
| DC\_66-66\_n2  DC\_66-66-66\_n2 | n2 | 0.3 |
| DC\_66\_n7 | 66 | 0.5 |
| DC\_66-66\_n7 | n7 | 0.5 |
| DC\_66\_n12 | 66 | 0.5 |
| DC\_66\_n25 | 66 | 0.3 |
|  | n25 | 0.3 |
| DC\_66\_n28 | n28 | 0.2 |
| DC\_66\_n30  DC\_66-66\_n30 | 66 | 0.5 |
|  | n30 | 0.4 |
| DC\_66\_n38, | 66 | 0.5 |
| DC\_66-66\_n38 | n38 | 0.5 |
| DC\_66\_n41 | 66 | 0.5 |
|  | n41 | 0.51 |
|  |  | 12 |
| DC\_66\_n48,  DC\_66-66\_n48 | 66 | 0.2 |
|  | n48 | 0.5 |
| DC\_66\_n77  DC\_66-66\_n77  DC\_66-66-66\_n77 | 66 | 0.2 |
|  | n77 | 0.5 |
| DC\_66\_n78, | 66 | 0.2 |
| DC\_66-66\_n78 | n78 | 0.5 |
| DC\_71\_n38 | 71 | 0.2 |
| DC\_71\_n41 | 71 | 0.2 |
| DC\_71\_n78 | 71 | 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. | | |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* End of changes \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*