3GPP TSG-RAN WG4 Meeting # 98-e R4-2102826

Electronic Meeting, 25th January – 5th February, 2021

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-3** | **CR** |  | **rev** | **-** | **Current version:** | **16.6.0** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
|  | | | | | | | | |

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

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | CR for correction of Rel-16 Dual Connectivity of 1LTE band (1DL/1UL) and 1NR band (1DL/1UL) with FR1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Verizon | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | DC\_R16\_1BLTE\_1BNR\_2DL2UL | | | | |  | ***Date:*** | | | 2021-01-25 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Three approved DC combos were not reflected in the corresponding (ΔTIB,c and ΔRIB,c) Table 6.2B.4.2.3.1-1 and Table 7.3B.3.3.1-1 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Add the following missing combos in Table 6.2B.4.2.3.1-1 and Table 7.3B.3.3.1-1   * DC\_2-2\_n5 * DC\_2-2\_n66 * DC\_66-66\_n2 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The required CA configuratons cannot be implmented in spec | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | Table 6.2B.4.2.3.1-1, Table 7.3B.3.3.1-1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

##### 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)

**<< Start of changes >>**

| 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\_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\_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\_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\_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 |
| DC\_2-2\_n66 | 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\_n8 | 3 | 0.3 |
|  | n8 | 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\_3\_n71 | 3 | 0.3 |
|  | n71 | 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,  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\_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\_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\_n8 | 7 | 0.3 |
|  | n8 | 0.6 |
| DC\_7\_n20 | 7 | 0.3 |
|  | n20 | 0.3 |
| 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\_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\_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\_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\_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\_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\_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\_n78 | 13 | 0.5 |
|  | n78 | 0.8 |
| DC\_14\_n2 | 14 | 0.3 |
|  | n2 | 0.3 |
| DC\_14\_n66 | 14 | 0.3 |
|  | n66 | 0.3 |
| 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 | 0.5 |
|  | 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\_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\_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\_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\_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\_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\_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\_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 | 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 |
|  | n7 | 0.5 |
| DC\_66\_n12 | 66 | 0.8 |
|  | n12 | 0.3 |
| DC\_66\_n25 | 66 | 0.5 |
|  | n25 | 0.5 |
| DC\_66\_n38 | 66 | 0.5 |
|  | 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 |
|  | n71 | 0.3 |
| DC\_66\_n78 | 66 | 0.6 |
|  | n78 | 0.8 |
| DC\_71\_n5 | 71 | 0.5 |
|  | n5 | 0.5 |
| DC\_71\_n38 | 71 | 0.6 |
|  | n38 | 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. | | |

**<< End of changes >>**

#### 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)

**<< Start of changes >>**

| 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 |
| DC\_2-2\_n66 | 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\_5\_n12 | 5 | 0.5 |
|  | n12 | 0.3 |
| DC\_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\_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\_n78 | 12 | 0.2 |
|  | n78 | 0.5 |
| DC\_13\_n7 | 13 | 0.5 |
|  | n7 | 0.5 |
| DC\_13\_n78 | 13 | 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\_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\_26\_n77 | 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\_n3 | 41 | 03 |
|  |  | 0.54 |
| DC\_42\_n28 | 42 | 0.2 |
|  | n28 | 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\_48\_n46 | 48 | 0.5 |
| DC\_48\_n66 | 48 | 0.5 |
|  | n66 | 0.2 |
| DC\_66\_n2 | 66 | 0.3 |
| DC\_66-66\_n2 | n2 | 0.3 |
| DC\_66\_n7 | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_66\_n12 | 66 | 0.5 |
| DC\_66\_n25 | 66 | 0.3 |
|  | n25 | 0.3 |
| DC\_66\_n38 | 66 | 0.5 |
|  | 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\_n78 | 66 | 0.2 |
|  | n78 | 0.5 |
| DC\_71\_n38 | 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 >>**