3GPP TSG-RAN WG4 Meeting # 97-e R4-2014803

Electronic Meeting, 2nd – 13th November, 2020

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-3** | **CR** | **0377** | **rev** | **-** | **Current version:** | **16.5.0** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | CR on Introduction of completed SUL band combinations into TS 38.101-3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei, HiSilicon | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_SUL\_combos\_R17-Core | | | | |  | ***Date:*** | | | 2020-11-13 |
|  |  | | | |  | |  | | |  |
| ***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-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | This CR is to introduce NSA SUL band combination DC\_28\_SUL\_n41-n83. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | The specific RF requirements for DC\_28\_SUL\_n41-n83 have been specified. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | DC\_28\_SUL\_n41-n83 can’t be supported in RF spec. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5B.4.2, 6.2B.1.3, 6.2B.4.2.3.2, 6.5B.3.3.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 Change1>>**

#### 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\_n8A | DC\_1A\_n8A  DC\_3A\_n8A |
| 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\_n40A | DC\_1A\_n40A DC\_3A\_n40A |
| DC\_1A-3A\_n41A  DC\_1A-3C\_n41A | DC\_1A\_n41A  DC\_3A\_n41A  DC\_3C\_n41A |
| DC\_1A-3A\_n71A  DC\_1A-3A\_n71B | DC\_1A\_n71A  DC\_3A\_n71A |
| 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-7C\_n3A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_7C\_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\_n8A | DC\_1A\_n8A  DC\_7A\_n8A |
| DC\_1A-7A\_n28A5  DC\_1A-7C\_n28A | DC\_1A\_n28A  DC\_7A\_n28A  DC\_7C\_n28A |
| DC\_1A-7A\_n40A | DC\_1A\_n40A  DC\_7A\_n40A |
| 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\_n8A-n40A | DC\_1A\_n8A  DC\_1A\_n40A |
| DC\_1A-8A\_n77A | DC\_1A\_n77A  DC\_8A\_n77A |
| DC\_1A-8A\_n77(2A) | 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\_n3A | DC\_1A\_n3A  DC\_11A\_n3A |
| DC\_1A-11A\_n77A | DC\_1A\_n77A  DC\_11A\_n77A |
| DC\_1A-11A\_n77(2A) | DC\_1A\_n77A  DC\_11A\_n77A |
| DC\_1A-11A\_n78A | DC\_1A\_n78A  DC\_11A\_n78A |
| DC\_1A-18A\_n3A | DC\_1A\_n3A  DC\_18A\_n3A |
| 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\_n8A | DC\_1A\_n8A  DC\_20A\_n8A |
| DC\_1A-20A\_n28A6 | DC\_1A\_n28A  DC\_20A\_n28A |
| DC\_1A-20A\_n38A | DC\_1A\_n38A  DC\_20A\_n38A |
| DC\_1A-20A\_n41A | DC\_1A\_n41A  DC\_20A\_n41A |
| 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\_n3A | DC\_1A\_n3A  DC\_28A\_n3A |
| 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\_n28A-n40A | DC\_1A\_n28A  DC\_1A\_n40A |
| DC\_1A-28A\_n40A | DC\_1A\_n40A  DC\_28A\_n40A |
| 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-n77A5  DC\_1A\_n28A-n77(2A)5 | DC\_1A\_n28A  DC\_1A\_n77A |
| 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-32A\_n78A  DC\_1A-32A\_n78(2A) | DC\_1A\_n78A |
| DC\_1A-(n)38AA | DC\_1A\_n38A |
| DC\_1A\_n40A-n78A  DC\_1A\_n40A-n78(2A) | DC\_1A\_n40A  DC\_1A\_n78A |
| DC\_1A-41A\_n3A  DC\_1A-41C\_n3A | DC\_41A\_n3A  DC\_41C\_n3A |
| DC\_1A-41A\_n28A  DC\_1A-41C\_n28A | DC\_1A\_n28A  DC\_41A\_n28A  DC\_41C\_n28A |
| DC\_1A-(n)41AA  DC\_1A-(n)41CA  DC\_1A-(n)41DA | DC\_1A\_n41A |
| DC\_1A-41A\_n41A  DC\_1A-41C\_n41A | DC\_1A\_n41A |
| DC\_1A-41A\_n77A  DC\_1A-41C\_n77A | DC\_1A\_n77A  DC\_41A\_n77A |
| DC\_1A-41A\_n77(2A)  DC\_1A-41C\_n77(2A) | DC\_1A\_n77A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_1A-41A\_n78A  DC\_1A-41C\_n78A | DC\_1A\_n78A  DC\_41A\_n78A |
| DC\_1A\_n41A-n78A | DC\_1A\_n41A  DC\_1A\_n78A |
| DC\_1A-41A\_n78(2A)  DC\_1A-41C\_n78(2A) | DC\_1A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_1A-41A\_n79A  DC\_1A-41C\_n79A | DC\_1A\_n79A |
| DC\_1A-42A\_n28A | DC\_1A\_n28A  DC\_42A\_n28A |
| DC\_1A-42C\_n28A | DC\_1A\_n28A  DC\_42A\_n28A  DC\_42C\_n28A |
| 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\_n77(2A)  DC\_1A-42C\_n77(2A) | 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\_n75A-n78A  DC\_1A\_n75A-n78(2A) | DC\_1A\_n78A |
| 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\_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\_SUL\_n79A-n84A | DC\_1A\_n79A,  DC\_1A\_n84A\_ULSUP-TDM\_n79A |
| DC\_2A-4A\_n38A | DC\_2A\_n38A  DC\_4A\_n38A |
| DC\_2A-4A\_n41A | DC\_2A\_n41A  DC\_4A\_n41A |
| DC\_2A-5A\_n2A | DC\_5A\_n2A |
| DC\_2A-5B\_n2A | DC\_5A\_n2A |
| DC\_2A-5A-5A\_n2A | DC\_5A\_n2A |
| DC\_2A-5A\_n5A | DC\_2A\_n5A |
| DC\_2A-2A-5A\_n5A | DC\_2A\_n5A |
| DC\_2A-5A\_n66A  DC\_2A-5B\_n66A | DC\_2A\_n66A  DC\_5A\_n66A |
| DC\_2A-5A-5A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A |
| DC\_2A-5A\_n71A | DC\_2A\_n71A  DC\_5A\_n71A |
| DC\_2A-7A\_n38A | 2A8 |
| DC\_2A-2A-7A\_n38A | 2A8 |
| 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-7A\_n78(2A)  DC\_2A-7C\_n78(2A) | DC\_2A\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_2A\_n7A-n78A | DC\_2A\_n7A  DC\_2A\_n78A |
| DC\_2A\_n7(2A)-n78A | DC\_2A\_n7A  DC\_2A\_n78A |
| DC\_2A\_n7A-n78(2A) | DC\_2A\_n7A  DC\_2A\_n78A |
| DC\_2A\_n7(2A)-n78(2A) | DC\_2A\_n7A  DC\_2A\_n78A |
| DC\_2A-7A-7A\_n78A  DC\_2A-7A-7A\_n78(2A) | DC\_2A\_n78A  DC\_7A\_n78A |
| DC\_2A-12A\_n2A | DC\_12A\_n2A |
| DC\_2A\_(n)12AA | DC\_2A\_n12A  DC\_(n)12AA2 |
| DC\_2A-12A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A |
| DC\_2A-2A-12A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A |
| DC\_2A-13A\_n2A | DC\_13A\_n2A |
| DC\_2A-13A\_n5A | DC\_2A\_n5A |
| DC\_2A-2A-13A\_n5A | DC\_2A\_n5A |
| DC\_2A-13A\_n66A | DC\_2A\_n66A  DC\_13A\_n66A |
| DC\_2A-2A-13A\_n66A | DC\_2A\_n66A  DC\_13A\_n66A |
| DC\_2A-14A\_n2A | DC\_2A\_n2A2  DC\_14A\_n2A |
| DC\_2A-14A\_n66A | DC\_2A\_n66A  DC\_14A\_n66A |
| DC\_2A-2A-14A\_n66A | DC\_2A\_n66A  DC\_14A\_n66A |
| DC\_2A-29A\_n66A | DC\_2A\_n66A |
| DC\_2A-2A-29A\_n66A | DC\_2A\_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\_n38A-n78A | DC\_2A\_n38A  DC\_2A\_n78A |
| 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\_n41(2A)  DC\_2A-46C\_n41(2A)  DC\_2A-46D\_n41(2A) | DC\_2A\_n41A |
| DC\_2A-46A\_n66A  DC\_2A-46C\_n66A  DC\_2A-46D\_n66A | DC\_2A\_n66A |
| DC\_2A-46A\_n71A  DC\_2A-46C\_n71A  DC\_2A-46D\_n71A | DC\_2A\_n71A |
| DC\_2A-48A\_n71A | DC\_2A\_n71A  DC\_48A\_n71A |
| DC\_2A-48A\_n12A | DC\_2A\_n12A  DC\_48A\_n12A |
| DC\_2A-48A\_n66A | DC\_2A\_n66A  DC\_48A\_n66A |
| DC\_2A-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\_n12A | DC\_2A\_n12A  DC\_66A\_n12A |
| DC\_2A-66A\_n25A | DC\_66A\_n25A |
| DC\_2A-66A\_n38A | DC\_2A\_n38A  DC\_66A\_n38A |
| DC\_2A-2A-66A\_n38A  DC\_2A-66A-66A\_n38A | DC\_2A\_n38A  DC\_66A\_n38A |
| DC\_2A-66A\_n41A  DC\_2A-66A\_n41C  DC\_2C-66A\_n41A | DC\_2A\_n41A  DC\_66A\_n41A |
| DC\_2A-2A-66A\_n41A  DC\_2A-66A\_n41(2A) | DC\_2A\_n41A  DC\_66A\_n41A |
| DC\_2A-66A\_n48A | DC\_2A\_n48A  DC\_66A\_n48A |
| DC\_2A-66A\_n48B | DC\_2A\_n48A  DC\_66A\_n48A |
| DC\_2A-66A-66A\_n48A | DC\_2A\_n48A  DC\_66A\_n48A |
| DC\_2A-66A-66A\_n48B | DC\_2A\_n48A  DC\_66A\_n48A |
| 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-66A\_n78(2A) | DC\_2A\_n78A  DC\_66A\_n78A |
| DC\_2A\_n66A-n78A | DC\_2A\_n66A  DC\_2A\_n78A |
| DC\_2A-66A-66A\_n78A  DC\_2A-66A-66A\_n78(2A) | DC\_2A\_n78A  DC\_66A\_n78A |
| DC\_2A-71A\_n38A | DC\_71A\_n38A  DC\_2A\_n38A |
| DC\_2A-2A-71A\_n38A | DC\_71A\_n38A  DC\_2A\_n38A |
| DC\_2A-71A\_n66A | DC\_2A\_n66A  DC\_71A\_n66A |
| DC\_2A-2A-71A\_n66A | DC\_2A\_n66A  DC\_71A\_n66A |
| DC\_2A-71A\_n78A | DC\_71A\_n78A  DC\_2A\_n78A |
| DC\_2A-2A-71A\_n78A | DC\_71A\_n78A  DC\_2A\_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-n40A | DC\_3A\_n1A  DC\_3A\_n40A |
| 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 |
| DC\_3A-7A\_n8A | DC\_3A\_n8A  DC\_7A\_n8A |
| DC\_3A-7A\_n28A  DC\_3A-7C\_n28A  DC\_3C-7A\_n28A  DC\_3C-7C\_n28A | DC\_3A\_n28A  DC\_3C\_n28A  DC\_7A\_n28A  DC\_7C\_n28A |
| DC\_3A-7A\_n40A | DC\_3A\_n40A  DC\_7A\_n40A |
| DC\_3A-7A\_n77A | DC\_3A\_n77A  DC\_7A\_n77A |
| DC\_3A-3A-7A\_n77A  DC\_3A-7A-7A\_n77A  DC\_3A-3A-7A-7A\_n77A | DC\_3A\_n77A  DC\_7A\_n77A |
| DC\_3A-7A\_n78A5  DC\_3C-7A\_n78A5  DC\_3A-7C\_n78A5  DC\_3C-7C\_n78A5 | DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| 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 |
| DC\_3A-3A-7A\_n78A  DC\_3A-7A-7A\_n78A5  DC\_3A-3A-7A-7A\_n78A | DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_3A\_n7A-n78A  DC\_3A\_n7B-n78A  DC\_3C\_n7A-n78A  DC\_3C\_n7B-n78A | DC\_3A\_n7A  DC\_3C\_n7A  DC\_3A\_n78A |
| DC\_3A-3A\_n7A-n78A  DC\_3A-3A\_n7B-n78A | DC\_3A\_n7A  DC\_3A\_n7B  DC\_3A\_n78A |
| DC\_3A-8A\_n1A  DC\_3C-8A\_n1A | DC\_3A\_n1A  DC\_8A\_n1A |
| DC\_3A-3A-8A\_n1A | DC\_3A\_n1A  DC\_8A\_n1A |
| DC\_3A\_n8A-n40A | DC\_3A\_n8A  DC\_3A\_n40A |
| DC\_3A-8A\_n28A | DC\_3A\_n28A  DC\_8A\_n28A |
| DC\_3A-8A\_n77A | DC\_3A\_n77A  DC\_8A\_n77A |
| DC\_3A-8A\_n77(2A) | 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\_n8A-n78A | DC\_3A\_n8A  DC\_3A\_n78A |
| DC\_3A-18A\_n77A | DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_3A-18A\_n78A | DC\_3A\_n78A  DC\_18A\_n78A |
| DC\_3A-18A\_n79A | DC\_3A\_n79A  DC\_18A\_n79A |
| DC\_3A-19A\_n77A5  DC\_3A-19A\_n77C5 | DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_3A-19A\_n78A5  DC\_3A-19A\_n78C5 | DC\_3A\_n78A  DC\_19A\_n78A |
| DC\_3A-19A\_n79A5  DC\_3A-19A\_n79C5 | DC\_3A\_n79A  DC\_19A\_n79A |
| DC\_3A-20A\_n1A  DC\_3C-20A\_n1A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_20A\_n1A |
| DC\_3A-20A\_n7A  DC\_3C-20A\_n7A | DC\_3A\_n7A  DC\_3C\_n7A  DC\_20A\_n7A |
| DC\_3A-20A\_n8A | DC\_3A\_n8A  DC\_20A\_n8A |
| DC\_3A-20A\_n28A5,6  DC\_3C-20A\_n28A | DC\_3A\_n28A  DC\_3C\_n28A  DC\_20A\_n28A |
| DC\_3A-20A\_n41A | DC\_3A\_n41A  DC\_20A\_n41A |
| DC\_3C-20A\_n41A | DC\_3C\_n41A  DC\_20A\_n41A |
| DC\_3A-20A\_n38A | DC\_3A\_n38A  DC\_20A\_n38A |
| DC\_3A-20A\_n78A5  DC\_3C-20A\_n78A5 | DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_3A\_n20A-n78A | DC\_3A\_n20A  DC\_3A\_n78A |
| DC\_3A-21A\_n77A5  DC\_3A-21A\_n77C5 | DC\_3A\_n77A  DC\_21A\_n77A |
| DC\_3A-21A\_n78A5  DC\_3A-21A\_n78C5 | DC\_3A\_n78A  DC\_21A\_n78A |
| DC\_3A-21A\_n79A5  DC\_3A-21A\_n79C5 | DC\_3A\_n79A  DC\_21A\_n79A |
| DC\_3A-28A\_n5A  DC\_3C-28A\_n5A | DC\_3A\_n5A  DC\_3C\_n5A  DC\_28A\_n5A |
| DC\_3A-28A\_n7A  DC\_3C-28A\_n7A  DC\_3A-28A\_n7B  DC\_3C-28A\_n7B | DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A  DC\_3A\_n7B  DC\_3C\_n7B  DC\_28A\_n7B |
| DC\_3A-28A\_n40A | DC\_3A\_n40A  DC\_28A\_n40A |
| DC\_3A-3A-28A\_n7A  DC\_3A-3A-28A\_n7B | DC\_3A\_n7A  DC\_28A\_n7A  DC\_3A\_n7B  DC\_28A\_n7B |
| DC\_3A\_n28A-n40A | DC\_3A\_n28A  DC\_3A\_n40A |
| DC\_3A-28A\_n41A | DC\_3A\_n41A  DC\_28A\_n41A |
| DC\_3A-28A\_n77A  DC\_3A-28A\_n77C | DC\_3A\_n77A  DC\_28A\_n77A |
| DC\_3A-28A\_n77(2A) | DC\_3A\_n77A  DC\_28A\_n77A |
| DC\_3A\_n28A-n77A | DC\_3A\_n28A  DC\_3A\_n77A |
| DC\_3A\_n28A-n77(2A) | DC\_3A\_n28A  DC\_3A\_n77A |
| DC\_3A-28A\_n78A5  DC\_3C-28A\_n78A  DC\_3A-28A\_n78C5 | DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_3A-3A-28A\_n78A | DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_3A\_n28A-n78A5  DC\_3C\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n28A |
| DC\_3A-28A\_n79A  DC\_3A-28A\_n79C | DC\_3A\_n79A  DC\_28A\_n79A |
| DC\_3A-32A\_n78A  DC\_3A-32A\_n78(2A) | DC\_3A\_n78A |
| DC\_3A-38A\_n78A | DC\_3A\_n78A |
| DC\_3A-40A\_n1A | DC\_3A\_n1A  DC\_40A\_n1A |
| DC\_3A\_n40A-n41A | DC\_3A\_n40A  DC\_3A\_n41A |
| DC\_3A\_n40A-n78A | DC\_3A\_n40A  DC\_3A\_n78A |
| DC\_3A\_n40A-n79A | DC\_3A\_n40A  DC\_3A\_n79A |
| DC\_3A-41A\_n28A | DC\_3A\_n28A  DC\_41A\_n28A |
| DC\_3A-41C\_n28A | DC\_3A\_n28A  DC\_41A\_n28A  DC\_41C\_n28A |
| DC\_3A-41A\_n41A  DC\_3A-41C\_n41A  DC\_3A-41D\_n41A | DC\_3A\_n41A |
| DC\_3A-(n)41AA  DC\_3A-(n)41CA  DC\_3A-(n)41DA | DC\_3A\_n41A |
| DC\_3A-41A\_n77A  DC\_3A-41C\_n77A | DC\_3A\_n77A  DC\_41A\_n77A |
| DC\_3A-41A\_n77(2A)  DC\_3A-41C\_n77(2A) | DC\_3A\_n77A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_3A-41A\_n78A  DC\_3A-41C\_n78A | DC\_3A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_3A\_n41A-n78A | DC\_3A\_n41A  DC\_3A\_n78A |
| DC\_3A-41A\_n78(2A)  DC\_3A-41C\_n78(2A) | DC\_3A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_3A-42A\_n28A | DC\_3A\_n28A  DC\_42A\_n28A |
| DC\_3A-42C\_n28A | DC\_3A\_n28A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_3A-41A\_n79A  DC\_3A-41C\_n79A | DC\_3A\_n79A  DC\_41A\_n79A |
| DC\_3A\_n41A-n79A | DC\_3A\_n41A  DC\_3A\_n79A |
| DC\_3A\_SUL\_n41A-n80A  DC\_3C\_SUL\_n41A-n80A | DC\_3A\_n41A  DC\_3C\_n41A  DC\_3A\_n80A\_ULSUP-TDM\_n41A  DC\_3C\_n80A\_ULSUP-TDM\_n41A |
| DC\_3A-42A\_n77A  DC\_3A-42A\_n77C  DC\_3A-42C\_n77A  DC\_3A-42C\_n77C  DC\_3A-42D\_n77A  DC\_3A-42D\_n77C  DC\_3A-42E\_n77A  DC\_3A-42E\_n77C | DC\_3A\_n77A |
| DC\_3A-42A\_n77(2A)  DC\_3A-42C\_n77(2A) | DC\_3A\_n77A |
| DC\_3A-42A\_n78A  DC\_3A-42A\_n78C  DC\_3A-42C\_n78A  DC\_3A-42C\_n78C  DC\_3A-42D\_n78A  DC\_3A-42D\_n78C  DC\_3A-42E\_n78A  DC\_3A-42E\_n78C | DC\_3A\_n78A |
| DC\_3A-42A\_n79A  DC\_3A-42A\_n79C  DC\_3A-42C\_n79A  DC\_3A-42C\_n79C  DC\_3A-42D\_n79A  DC\_3A-42D\_n79C  DC\_3A-42E\_n79A  DC\_3A-42E\_n79C | DC\_3A\_n79A |
| DC\_3A\_n75A-n78A | DC\_3A\_n78A |
| DC\_3A\_n75A-n78(2A) | DC\_3A\_n78A |
| DC\_3A\_n77A-n79A | DC\_3A\_n77A  DC\_3A\_n79A |
| DC\_3A\_n78A-n79A | DC\_3A\_n78A  DC\_3A\_n79A |
| DC\_3A\_SUL\_n77A-n80A | DC\_3A\_n77A  DC\_3A\_n80A\_ULSUP-TDM\_n77A |
| DC\_3A\_SUL\_n77A-n84A | DC\_3A\_n77A  DC\_3A\_n84A |
| DC\_3A\_SUL\_n78A-n80A5  DC\_3C\_SUL\_n78A-n80A | DC\_3A\_n78A  DC\_3A\_n80A\_ULSUP-TDM\_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\_5A-7A\_n71A | DC\_5A\_n71A  DC\_7A\_n71A |
| DC\_5A-7A\_n78A | DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_5A\_n7A-n78A | DC\_5A\_n7A  DC\_5A\_n78A |
| DC\_5A\_n7(2A)-n78A | DC\_5A\_n7A  DC\_5A\_n78A |
| DC\_5A\_n7A-n78(2A) | DC\_5A\_n7A  DC\_5A\_n78A |
| DC\_5A\_n7(2A)-n78(2A) | DC\_5A\_n7A  DC\_5A\_n78A |
| DC\_5A-7A-7A\_n78A | DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_5A\_(n)12AA | DC\_5A\_n12A  DC\_(n)12AA2 |
| DC\_5A-30A\_n66A | DC\_5A\_n66A  DC\_30A\_n66A |
| DC\_5A-41A\_n79A | DC\_5A\_n79A  DC\_41A\_n79A |
| DC\_5A-66A\_n2A  DC\_5B-66A\_n2A | DC\_5A\_n2A |
| DC\_5A-5A-66A\_n2A  DC\_5A-66A-66A\_n2A  DC\_5B-66A-66A\_n2A  DC\_5A-5A-66A-66A\_n2A | DC\_5A\_n2A |
| DC\_5A-66A\_n5A | DC\_66A\_n5A |
| DC\_5A-66A-66A\_n5A | DC\_66A\_n5A |
| DC\_5A-66A\_n66A | DC\_5A\_n66A |
| DC\_5A-5A-66A\_n66A  DC\_5B-66A\_n66A | DC\_5A\_n66A |
| DC\_5A-5A-66A-66A\_n66A  DC\_5A-66A-66A\_n66A  DC\_5B-66A-66A\_n66A | DC\_5A\_n66A |
| DC\_5A-66A\_n71A | DC\_5A\_n71A  DC\_66A\_n71A |
| DC\_5A-66A\_n78A  DC\_5A-66A\_n78(2A) | DC\_5A\_n78A  DC\_66A\_n78A |
| DC\_5A-13A\_n2A | DC\_5A\_n2A  DC\_13A\_n2A |
| DC\_7A\_n1A-n40A | DC\_7A\_n1A  DC\_7A\_n40A |
| DC\_7A\_n1A-n78A  DC\_7C\_n1A-n78A | DC\_7A\_n1A  DC\_7A\_n78A  DC\_7C\_n1A  DC\_7C\_n78A |
| DC\_7A-7A\_n1A-n78A | DC\_7A\_n1A  DC\_7A\_n78A |
| DC\_7A\_n3A-n78A  DC\_7C\_n3A-n78A | DC\_7A\_n3A  DC\_7A\_n78A  DC\_7C\_n3A  DC\_7C\_n78A |
| 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 |
| DC\_7A-8A\_n1A | DC\_7A\_n1A, DC\_8A\_n1A |
| DC\_7A-7A-8A\_n1A | DC\_7A\_n1A  DC\_8A\_n1A |
| DC\_7A-8A\_n3A | DC\_7A\_n3A  DC\_8A\_n3A |
| DC\_7A\_n8A-n40A | DC\_7A\_n8A  DC\_7A\_n40A |
| 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 |
| DC\_7A\_n8A-n78A | DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_7A-13A\_n66A  DC\_7A-7A-13A\_n66A  DC\_7C-13A\_n66A | DC\_7A\_n66A  DC\_13A\_n66A |
| DC\_7A-20A\_n1A  DC\_7C-20A\_n1A | DC\_7A\_n1A  DC\_7C\_n1A  DC\_20A\_n1A |
| DC\_7A-20A\_n3A  DC\_7C-20A\_n3A | DC\_7A\_n3A  DC\_7C\_n3A  DC\_20A\_n3A |
| DC\_7A-20A\_n8A | DC\_7A\_n8A  DC\_20A\_n8A |
| DC\_7A-20A\_n28A6 | DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_7A-20A\_n78A5 | DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_7A-28A\_n3A  DC\_7C-28A\_n3A | DC\_7A\_n3A  DC\_7C\_n3A  DC\_28A\_n3A |
| DC\_7A-28A\_n5A6  DC\_7C-28A\_n5A6 | DC\_7A\_n5A  DC\_7C\_n5A  DC\_28A\_n5A |
| DC\_7A-28A\_n7A | DC\_7A\_n7A2  DC\_28A\_n7A |
| DC\_7A\_n28A-n40A | DC\_7A\_n28A  DC\_7A\_n40A |
| DC\_7A-28A\_n40A | DC\_7A\_n40A  DC\_28A\_n40A |
| DC\_7A-28A\_n78A5  DC\_7C-28A\_n78A5 | DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n78A |
| DC\_7A\_n28A-n78A5  DC\_7C\_n28A-n78A | DC\_7A\_n28A  DC\_7A\_n78A  DC\_7C\_n28A  DC\_7C\_n78A |
| DC\_7A-40A\_n1A | DC\_7A\_n1A  DC\_40A\_n1A |
| DC\_7A-46A\_n78A3  DC\_7A-46C\_n78A3  DC\_7A-46D\_n78A3  DC\_7A-46E\_n78A3 | DC\_7A\_n78A |
| DC\_7A-66A\_n38A | 66A9 |
| DC\_7A-66A\_n66A  DC\_7C-66A\_n66A | DC\_7A\_n66A  DC\_66A\_n66A2 |
| DC\_7A-7A-66A\_n66A | DC\_7A\_n66A  DC\_66A\_n66A2 |
| DC\_7A-66A\_n71A | DC\_7A\_n71A  DC\_66A\_n71A |
| DC\_7A-66A-66A\_n71A | DC\_7A\_n71A  DC\_66A\_n71A |
| DC\_7A\_n66A-n78A  DC\_7A-7A\_n66A-n78A  DC\_7C\_n66A-n78A | DC\_7A\_n66A  DC\_7A\_n78A |
| DC\_7A-66A\_n78A  DC\_7C-66A\_n78A  DC\_7A-66A\_n78(2A)  DC\_7C-66A\_n78(2A) | DC\_7A\_n78A  DC\_7C\_n78A  DC\_66A\_n78A |
| DC\_7A-7A-66A\_n78A  DC\_7A-7A-66A\_n78(2A) | DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_7A-7A-66A-66A\_n78A  DC\_7A-7A-66A-66A\_n78(2A) | DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_7A-66A-66A\_n78A  DC\_7C-66A-66A\_n78A  DC\_7A-66A-66A\_n78(2A)  DC\_7C-66A-66A\_n78(2A) | DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_7A\_SUL\_n78A-n80A | DC\_7A\_n78A  DC\_7A\_n80A |
| DC\_8A\_n1A-n78A | DC\_8A\_n1A  DC\_8A\_n78A |
| DC\_8A\_n3A-n28A | DC\_8A\_n3A  DC\_8A\_n28A |
| DC\_8A-11A\_n3A | DC\_8A\_n3A  DC\_11A\_n3A |
| DC\_8A-11A\_n77A | DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_8A-11A\_n77(2A) | DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_8A-11A\_n78A | DC\_8A\_n78A  DC\_11A\_n78A |
| DC\_8A-20A\_n78A | DC\_8A\_n78A  DC\_20A\_n78A |
| DC\_8A\_n28A-n77A | DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_8A\_n28A-n77(2A) | DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_8A\_n40A-n41A | DC\_8A\_n40A  DC\_8A\_n41A |
| DC\_8A\_n40A-n79A | DC\_8A\_n40A  DC\_8A\_n79A |
| DC\_8A\_n41A-n79A | DC\_8A\_n41A  DC\_8A\_n79A |
| DC\_8A-42A\_n28A | DC\_8A\_n28A  DC\_42A\_n28A |
| DC\_8A-42C\_n28A | DC\_8A\_n28A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_8A-42A\_n77A  DC\_8A-42C\_n77A | DC\_8A\_n77A |
| DC\_8A-42A\_n77(2A)  DC\_8A-42C\_n77(2A) | DC\_8A\_n77A |
| DC\_8A\_SUL\_n41A-n81A | DC\_8A\_41A,  DC\_8A\_n81A\_ULSUP-TDM\_n41A |
| DC\_8A\_SUL\_n78A-n80A | DC\_8A\_n78A  DC\_8A\_n80A |
| DC\_8A\_SUL\_n78A-n81A5 | DC\_8A\_n78A,  DC\_8A\_n81A\_ULSUP-TDM\_n78A |
| DC\_8A\_SUL\_n79A-n81A5 | DC\_8A\_n79A,  DC\_8A\_n81A\_ULSUP-TDM\_n79A |
| DC\_11A-18A\_n77A | DC\_11A\_n77A  DC\_18A\_n77A |
| DC\_11A-18A\_n78A | DC\_11A\_n78A  DC\_18A\_n78A |
| DC\_12A\_(n)5AA | DC\_12A\_n5A  DC\_(n)5AA2 |
| DC\_12A\_n7A-n78A | DC\_12A\_n7A  DC\_12A\_n78A |
| DC\_12A\_n7(2A)-n78A | DC\_12A\_n7A  DC\_12A\_n78A |
| DC\_12A\_n7A-n78(2A) | DC\_12A\_n7A  DC\_12A\_n78A |
| DC\_12A\_n7(2A)-n78(2A) | DC\_12A\_n7A  DC\_12A\_n78A |
| DC\_12A-30A\_n2A | DC\_12A\_n2A  DC\_30A\_n2A |
| DC\_12A-30A\_n66A | DC\_12A\_n66A  DC\_30A\_n66A |
| DC\_12A-66A\_n2A | DC\_12A\_n2A  DC\_66A\_n2A |
| DC\_12A-66A-66A\_n2A | DC\_12A\_n2A  DC\_66A\_n2A |
| DC\_12A-66A\_n25A | DC\_12A\_n25A  DC\_66A\_n25A |
| DC\_12A-66A\_n66A | DC\_12A\_n66A  DC\_66A\_n66A2 |
| DC\_13A-46A\_n5A | DC\_13A\_n5A |
| DC\_13A-66A\_n2A | DC\_13A\_n2A  DC\_66A\_n2A |
| DC\_13A-66A-66A\_n2A | DC\_13A\_n2A  DC\_66A\_n2A |
| DC\_13A-66A\_n48A  DC\_13A-66A\_n48B | DC\_13A\_n48A  DC\_66A\_n48A |
| DC\_13A-66A-66A\_n48A  DC\_13A-66A-66A\_n48B | DC\_13A\_n48A  DC\_66A\_n48A |
| DC\_13A-66A\_n66A | DC\_13A\_n66A |
| DC\_13A-66A-66A\_n66A | DC\_13A\_n66A |
| DC\_18A\_n3A-n78A | DC\_18A\_n3A  DC\_18A\_n78A |
| DC\_13A-48A\_n2A  DC\_13A-48B\_n2A  DC\_13A-48D\_n2A  DC\_13A-48E\_n2A | DC\_13A\_n2A |
| DC\_13A-48A\_n66A  DC\_13A-48B\_n66A  DC\_13A-48D\_n66A  DC\_13A-48E\_n66A | DC\_13A\_n66A |
| DC\_18A\_n3A-n77A | DC\_18A\_n3A  DC\_18A\_n77A |
| DC\_14A-66A\_n2A | DC\_14A\_n2A  DC\_66A\_n2A |
| DC\_14A-66A-66A\_n2A | DC\_14A\_n2A  DC\_66A\_n2A |
| DC\_14A-66A\_n66A | DC\_14A\_n66A  DC\_66A\_n66A2 |
| DC\_18A-28A\_n77A5 | DC\_18A\_n77A  DC\_28A\_n77A |
| DC\_18A-28A\_n78A5 | DC\_18A\_n78A  DC\_28A\_n78A |
| DC\_18A-28A\_n79A5 | DC\_18A\_n79A  DC\_28A\_n79A |
| DC\_18A-41A\_n3A  DC\_18A-41C\_n3A | DC\_18A\_n3A  DC\_41A\_n3A  DC\_41C\_n3A |
| DC\_18A-41A\_n77A  DC\_18A-41C\_n77A | DC\_18A\_n77A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_18A-41A\_n78A  DC\_18A-41C\_n78A | DC\_18A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_18A-42A\_n77A  DC\_18A-42C\_n77A | DC\_18A\_n77A |
| DC\_18A-42A\_n78A  DC\_18A-42C\_n78A | DC\_18A\_n78A |
| DC\_18A-42A\_n79A  DC\_18A-42C\_n79A | DC\_18A\_n79A |
| DC\_19A-21A\_n78A5  DC\_19A-21A\_n78C5 | DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_19A-21A\_n79A5  DC\_19A-21A\_n79C5 | DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_19A-21A\_n77A5  DC\_19A-21A\_n77C5 | DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_19A-42A\_n77A  DC\_19A-42A\_n77C  DC\_19A-42C\_n77A  DC\_19A-42C\_n77C  DC\_19A-42D\_n77A  DC\_19A-42D\_n77C | DC\_19A\_n77A |
| DC\_19A-42A\_n78A  DC\_19A-42A\_n78C  DC\_19A-42C\_n78A  DC\_19A-42C\_n78C  DC\_19A-42D\_n78A  DC\_19A-42D\_n78C | DC\_19A\_n78A |
| DC\_19A-42A\_n79A  DC\_19A-42A\_n79C  DC\_19A-42C\_n79A  DC\_19A-42C\_n79C  DC\_19A-42D\_n79A  DC\_19A-42D\_n79C | DC\_19A\_n79A |
| DC\_19A\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_20A\_n1A-n7A | DC\_20A\_n1A  DC\_20A\_n7A |
| DC\_20A\_n1A-n28A | DC\_20A\_n1A  DC\_20A\_n28A |
| DC\_20A\_n1A-n78A | DC\_20A\_n1A  DC\_20A\_n78A |
| DC\_20A\_n3A-n78A | DC\_20A\_n3A  DC\_20A\_n78A |
| DC\_20A\_n7A-n28A5,6 | DC\_20A\_n7A  DC\_20A\_n28A |
| DC\_20A\_n8A-n75A6 | DC\_20A\_n8A |
| DC\_20A\_n28A-n75A6 | DC\_20A\_n28A |
| DC\_20A\_n28A-n78A5,6 | DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_20A-32A\_n78A  DC\_20A-32A\_n78(2A) | DC\_20A\_n78A |
| DC\_20A-(n)38AA | DC\_20A\_n38A |
| DC\_20A-38A\_n78A | DC\_20A\_n78A  DC\_38A\_n78A |
| DC\_20A\_n41A-n78A | DC\_20A\_n41A  DC\_20A\_n78A |
| DC\_20A-(n)41AA  DC\_20A-(n)41CA  DC\_20A-(n)41DA | DC\_20A\_n41A |
| DC\_20A\_n75A-n78A5 | DC\_20A\_n78A |
| DC\_20A\_n76A-n78A5 | DC\_20A\_n78A |
| DC\_20A\_SUL\_n78A-n80A | DC\_20A\_n78A  DC\_20A\_n80A |
| DC\_20A\_SUL\_n78A-n82A5 | DC\_20A\_n78A  DC\_20A\_n82A\_ULSUP-TDM\_n78A |
| DC\_20A\_SUL\_n78A-n83A5 | DC\_20A\_n78A  DC\_20A\_n83A |
| DC\_20A\_n78A-n92A  DC\_20A\_n78(2A)-n92A | DC\_20A\_n78A  DC\_20A\_n92A\_ULSUP-TDM\_n78A |
| DC\_21A-28A\_n77A  DC\_21A-28A\_n77C | DC\_21A\_n77A  DC\_28A\_n77A |
| DC\_21A-28A\_n78A  DC\_21A-28A\_n78C | DC\_21A\_n78A  DC\_28A\_n78A |
| DC\_21A-28A\_n79A  DC\_21A-28A\_n79C | DC\_21A\_n79A  DC\_28A\_n79A |
| DC\_21A-42A\_n77A  DC\_21A-42A\_n77C  DC\_21A-42C\_n77A  DC\_21A-42C\_n77C  DC\_21A-42D\_n77A  DC\_21A-42D\_n77C  DC\_21A-42E\_n77A  DC\_21A-42E\_n77C | DC\_21A\_n77A |
| DC\_21A-42A\_n78A  DC\_21A-42A\_n78C  DC\_21A-42C\_n78A  DC\_21A-42C\_n78C  DC\_21A-42D\_n78A  DC\_21A-42D\_n78C  DC\_21A-42E\_n78A  DC\_21A-42E\_n78C | DC\_21A\_n78A |
| DC\_21A-42A\_n79A  DC\_21A-42A\_n79C  DC\_21A-42C\_n79A  DC\_21A-42C\_n79C  DC\_21A-42D\_n79A  DC\_21A-42D\_n79C  DC\_21A-42E\_n79A  DC\_21A-42E\_n79C | DC\_21A\_n79A |
| DC\_21A\_n77A-n79A | DC\_21A\_n77A  DC\_21A\_n79A |
| DC\_21A\_n78A-n79A | DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_25A-41A\_n41A  DC\_25A-41C\_n41A  DC\_25A-41D\_n41A  DC\_25A-25A-41A\_n41A  DC\_25A-25A-41C\_n41A  DC\_25A-25A-41D\_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\_n77A  DC\_28A-41C\_n77A | DC\_28A\_n77A  DC\_41A\_n77A |
| DC\_28A-41A\_n78A  DC\_28A-41C\_n78A | DC\_28A\_n78A  DC\_41A\_n78A |
| DC\_28A-41A\_n79A  DC\_28A-41C\_n79A | DC\_28A\_n79A  DC\_41A\_n79A |
| DC\_28A\_n3A-n77A | DC\_28A\_n3A  DC\_28A\_n77A |
| DC\_28A\_n3A-n78A | DC\_28A\_n3A  DC\_28A\_n78A |
| DC\_28A\_n5A-n78A | DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_28A\_n7A-n78A | DC\_28A\_n7A  DC\_28A\_n78A |
| DC\_28A\_n7B-n78A | DC\_28A\_n7A  DC\_28A\_n7B  DC\_28A\_n78A |
| DC\_28A\_n8A-n78A | DC\_28A\_n8A  DC\_28A\_n78A |
| DC\_28A\_n40A-n78A | DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_28A\_SUL\_n41A-n83A5 | DC\_28A\_n41A  DC\_28A\_n83A\_ULSUP-TDM\_n41 |
| DC\_28A-42A\_n77A  DC\_28A-42A\_n77C  DC\_28A-42C\_n77A | DC\_28A\_n77A |
| DC\_28A-42A\_n78A  DC\_28A-42A\_n78C  DC\_28A-42C\_n78A | DC\_28A\_n78A |
| DC\_28A-42A\_n79A  DC\_28A-42A\_n79C  DC\_28A-42C\_n79A | DC\_28A\_n79A |
| DC\_28A\_SUL\_n78A-n83A5 | DC\_28A\_n78A  DC\_28A\_n83A\_ULSUP-TDM\_n78A |
| DC\_29A-66A\_n2A | DC\_66A\_n2A |
| DC\_29A-66A-66A\_n2A | DC\_66A\_n2A |
| DC\_30A-66A\_n2A | DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_30A-66A-66A\_n2A | DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_30A-66A\_n5A | DC\_30A\_n5A  DC\_66A\_n5A |
| DC\_30A-66A-66A\_n5A  DC\_30A-66A-66A-66A\_n5A | DC\_30A\_n5A  DC\_66A\_n5A |
| DC\_39A\_n40A-n41A | DC\_39A\_n40A  DC\_39A\_n41A |
| DC\_39A\_n40A-n79A | DC\_39A\_n40A  DC\_39A\_n79A |
| DC\_39A\_n41A-n79A | DC\_39A\_n41A  DC\_39A\_n79A |
| DC\_40A\_n41A-n79A | DC\_40A\_n41A  DC\_40A\_n79A |
| DC\_41A\_n3A-n77A | DC\_41A\_n3A  DC\_41A\_n77A |
| DC\_41C\_n3A-n77A | DC\_41A\_n3A  DC\_41A\_n77A  DC\_41C\_n3A  DC\_41C\_n77A |
| DC\_41A\_n3A-n78A | DC\_41A\_n3A  DC\_41A\_n78A |
| DC\_41C\_n3A-n78A | DC\_41A\_n3A  DC\_41A\_n78A  DC\_41C\_n3A  DC\_41C\_n78A |
| DC\_41A\_n28A-n77A | DC\_41A\_n28A  DC\_41A\_n77A |
| DC\_41C\_n28A-n77A | DC\_41A\_n28A  DC\_41A\_n77A  DC\_41C\_n28A  DC\_41C\_n77A |
| DC\_41A\_n28A-n78A | DC\_41A\_n28A  DC\_41A\_n78A |
| DC\_41C\_n28A-n78A | DC\_41A\_n28A  DC\_41A\_n78A  DC\_41C\_n28A  DC\_41C\_n78A |
| DC\_(n)41AA-n78A  DC\_(n)41CA-n78A  DC\_(n)41DA-n78A | DC\_41A\_n78A |
| DC\_41A-42A\_n77A  DC\_41A-42C\_n77A  DC\_41C-42A\_n77A  DC\_41C-42C\_n77A | DC\_41A\_n77A |
| DC\_41A-42A\_n78A  DC\_41A-42C\_n78A  DC\_41C-42A\_n78A  DC\_41C-42C\_n78A | DC\_41A\_n78A |
| DC\_41A-42A\_n79A  DC\_41A-42C\_n79A  DC\_41C-42A\_n79A  DC\_41C-42C\_n79A | DC\_41A\_n79A |
| DC\_42A\_n28A-n77A | DC\_42A\_n28A |
| DC\_42A\_n28A-n77(2A) | DC\_42A\_n28A |
| DC\_42C\_n28A-n77A | DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_42C\_n28A-n77(2A) | DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_46A-66A\_n5A  DC\_46C-66A\_n5A  DC\_46D-66A\_n5A  DC\_46E-66A\_n5A | DC\_66A\_n5A |
| DC\_46A-66A\_n25A  DC\_46C-66A\_n25A  DC\_46D-66A\_n25A | DC\_66A\_n25A |
| DC\_46A-66A\_n41A  DC\_46C-66A\_n41A  DC\_46D-66A\_n41A | DC\_66A\_n41A |
| DC\_46A-66A\_n41(2A)  DC\_46C-66A\_n41(2A)  DC\_46D-66A\_n41(2A) | DC\_66A\_n41A |
| DC\_46A-66A\_n71A  DC\_46C-66A\_n71A  DC\_46D-66A\_n71A | DC\_66A\_n71A |
| DC\_48A\_(n)5AA | DC\_48A\_n5A  DC\_(n)5AA2 |
| DC\_48A\_(n)12AA | DC\_48A\_n12A  DC\_(n)12AA2 |
| DC\_48A-66A\_n5A  DC\_48B-66A\_n5A  DC\_48D-66A\_n5A  DC\_48E-66A\_n5A | DC\_66A\_n5A |
| DC\_48A-66A\_n12A | DC\_48A\_n12A  DC\_66A\_n12A |
| DC\_48A-66A\_n71A | DC\_48A\_n71A  DC\_66A\_n71A |
| DC\_66A\_n7A-n78A  DC\_66A-66A\_n7A-n78A | DC\_66A\_n7A  DC\_66A\_n78A |
| DC\_66A\_n7(2A)-n78A  DC\_66A-66A\_n7(2A)-n78A | DC\_66A\_n7A  DC\_66A\_n78A |
| DC\_66A\_n7A-n78(2A)  DC\_66A-66A\_n7A-n78(2A) | DC\_66A\_n7A  DC\_66A\_n78A |
| DC\_66A\_n7(2A)-n78(2A)  DC\_66A-66A\_n7(2A)-n78(2A) | DC\_66A\_n7A  DC\_66A\_n78A |
| DC\_66A\_n25A-n71A | DC\_66A\_n25A  DC\_66A\_n71A |
| DC\_66A\_n38A-n78A | DC\_66A\_n38A  DC\_66A\_n78A |
| DC\_66A\_n66A-n78A | DC\_66A\_n66A2  DC\_66A\_n78A |
| DC\_66A\_(n)12AA | DC\_66A\_n12A  DC\_(n)12AA2 |
| 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-71A\_n38A | DC\_71A\_n38A  DC\_66A\_n38A |
| DC\_66A-71A\_n66A | DC\_71A\_n66A  DC\_66A\_n66A2 |
| DC\_66A-71A\_n78A | DC\_71A\_n78A  DC\_66A\_n78A |
| DC\_66A\_SUL\_n78A-n86A5  DC\_66A\_SUL\_n78(2A)-n86A5 | DC\_66A\_n78A  DC\_66A\_n86A\_ULSUP-TDM\_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.  NOTE 7: Void.  NOTE 8: UL carrier shall be supported in Band 2 only. Power imbalance between downlink carriers on Band 7 and Band 38 is assumed to be within 6dB.  NOTE 9: UL carrier shall be supported in Band 66 only. Power imbalance between downlink carriers on Band 7 and Band 38 is assumed to be within 6dB. | |

## **<<End of Change1>>**

## **<<Start of Change2>>**

#### 6.2B.1.3 Inter-band EN-DC within FR1

For inter-band EN-DC of E-UTRA and NR in FR1, the following UE Power Classes define the maximum output power for any transmission bandwidth within the aggregated channel bandwidth. The maximum output power is measured as the sum of the maximum output power at each UE antenna connector. The period of measurement shall be at least one sub frame (1ms). UE maximum output power shall be measured over all component carriers from different bands. If each band has separate antenna connectors, maximum output power is measured as the sum of maximum output power at each UE antenna connector.

Table 6.2B.1.3-1: Maximum output power for inter-band EN-DC (two bands)

| EN-DC configuration | Power class 2  (dBm) | Tolerance  (dB) | Power class 3  (dBm) | Tolerance  (dB) |
| --- | --- | --- | --- | --- |
| DC\_1A\_n3A |  |  | 23 | +2/-3 |
| DC\_1A\_n5A |  |  | 23 | +2/-3 |
| DC\_1A\_n7A |  |  | 23 | +2/-3 |
| DC\_1A\_n8A |  |  | 23 | +2/-3 |
| DC\_1A\_n20A |  |  | 23 | +2/-3 |
| DC\_1A\_n28A |  |  | 23 | +2/-3 |
| DC\_1A\_n38A |  |  | 23 | +2/-3 |
| DC\_1A\_n40A |  |  | 23 | +2/-3 |
| DC\_1A\_n41A |  |  | 23 | +2/-3 |
| DC\_1A\_n50A |  |  | 23 | +2/-3 |
| DC\_1A\_n51A |  |  | 23 | +2/-3 |
| DC\_1A\_n71A |  |  | 23 | +2/-3 |
| DC\_1A\_n77A  DC\_1A\_n84A\_ULSUP-TDM\_n77A |  |  | 23 | +2/-3 |
| DC\_1A\_n78A  DC\_1A\_n84A\_ULSUP-TDM\_n78A |  |  | 23 | +2/-3 |
| DC\_1A\_n79A  DC\_1A\_n84A\_ULSUP-TDM\_n79A |  |  | 23 | +2/-3 |
| DC\_1A\_n80A |  |  | 23 | +2/-3 |
| DC\_2A\_n5A |  |  | 23 | +2/-31 |
| DC\_2A\_n7A |  |  | 23 | +2/-3 |
| DC\_2A\_n12A |  |  | 23 | +2/-3 |
| DC\_2A\_n38A |  |  | 23 | +2/-3 |
| DC\_2A\_n41A |  |  | 23 | +2/-3 |
| DC\_2A\_n48A |  |  | 23 | +2/-3 |
| DC\_2A\_n66A |  |  | 23 | +2/-31 |
| DC\_2A\_n71A |  |  | 23 | +2/-3 |
| DC\_2A\_n78A |  |  | 23 | +2/-3 |
| DC\_3A\_n1A |  |  | 23 | +2/-3 |
| DC\_3A\_n5A  DC\_3C\_n5A |  |  | 23 | +2/-3 |
| DC\_3A\_n7A |  |  | 23 | +2/-31 |
| DC\_3A\_n8A |  |  | 23 | +2/-3 |
| DC\_3A\_n20A |  |  | 23 | +2/-3 |
| DC\_3A\_n28A |  |  | 23 | +2/-31 |
| DC\_3A\_n34A |  |  | 23 | +2/-31 |
| DC\_3A\_n38A |  |  | 23 | +2/-3 |
| DC\_3A\_n40A |  |  | 23 | +2/-31 |
| DC\_3A\_n41A,  DC\_3C\_n41A,  DC\_3C\_n41A, | 266 | +2/-3 | 23 | +2/-3 |
| DC\_3A\_n50A |  |  | 23 | +2/-3 |
| DC\_3A\_n51A |  |  | 23 | +2/-31 |
| DC\_3A\_n71A |  |  | 23 | +2/-3 |
| DC\_3A\_n77A |  |  | 23 | +2/-31 |
| DC\_3A\_n78A | 266 | +2/-31 | 23 | +2/-31 |
| DC\_3A\_n79A  DC\_3C\_n79A |  |  | 23 | +2/-31 |
| DC\_3A\_n80A\_ULSUP-TDM\_n41  DC\_3C\_n80A\_ULSUP-TDM\_n41 |  |  | 23 | +2/-3 |
| DC\_3A\_n80A\_ULSUP-TDM\_n77A |  |  | 23 | +2/-31 |
| DC\_3A\_n80A\_ULSUP-TDM\_n78A |  |  | 23 | +2/-31 |
| DC\_3A\_n80A\_ULSUP-TDM\_n79A |  |  | 23 | +2/-31 |
| DC\_3A\_n82A |  |  | 23 | +2/-31 |
| DC\_3A\_n84A |  |  | 23 | +2/-31 |
| DC\_4A\_n38A |  |  | 23 | +2/-3 |
| DC\_4A\_n41A |  |  | 23 | +2/-3 |
| DC\_4A\_n78A |  |  | 23 | +2/-3 |
| DC\_5A\_n2A |  |  | 23 | +2/-3 |
| DC\_5A\_n7A |  |  | 23 | +2/-3 |
| DC\_5A\_n12A |  |  | 23 | +2/-3 |
| DC\_5A\_n38A |  |  | 23 | +2/-3 |
| DC\_5A\_n40A |  |  | 23 | +2/-31 |
| DC\_5A\_n48A |  |  | 23 | +2/-3 |
| DC\_5A\_n66A |  |  | 23 | +2/-31 |
| DC\_5A\_n71A |  |  | 23 | +2/-3 |
| DC\_5A\_n78A |  |  | 23 | +2/-3 |
| DC\_5A\_n79A |  |  | 23 | +2/-3 |
| DC\_7A\_n1A |  |  | 23 | +2/-3 |
| DC\_7A\_n3A |  |  | 23 | +2/-3 |
| DC\_7A\_n5A  DC\_7C\_n5A |  |  | 23 | +2/-3 |
| DC\_7A\_n8A |  |  | 23 | +2/-3 |
| DC\_7A\_n20A |  |  | 23 | +2/-3 |
| DC\_7A\_n28A |  |  | 23 | +2/-31 |
| DC\_7A\_n40A |  |  | 23 | +2/-3 |
| DC\_7A\_n51A |  |  | 23 | +2/-31 |
| DC\_7A\_n66A |  |  | 23 | +2/-31 |
| DC\_7A\_n71A |  |  | 23 | +2/-3 |
| DC\_7A\_n77A |  |  | 23 | +2/-3 |
| DC\_7A\_n78A  DC\_7C\_n78A |  |  | 23 | +2/-3 |
| DC\_7A\_n80A |  |  | 23 | +2/-3 |
| DC\_8A\_n1A |  |  | 23 | +2/-3 |
| DC\_8A\_n3A |  |  | 23 | +2/-3 |
| DC\_8A\_n20A |  |  | 23 | +2/-3 |
| DC\_8A\_n28A |  |  | 23 | +2/-3 |
| DC\_8A\_n34A |  |  | 23 | +2/-31 |
| DC\_8A\_n39A |  |  | 23 | +2/-3 |
| DC\_8A\_n40A |  |  | 23 | +2/-31 |
| DC\_8A\_n41A, |  |  | 23 | +2/-3 |
| DC\_8A\_n77A |  |  | 23 | +2/-3 |
| DC\_8A\_n78A |  |  | 23 | +2/-3 |
| DC\_8A\_n79A  DC\_8A\_n79C |  |  | 23 | +2/-3 |
| DC\_8A\_n80A |  |  | 23 | +2/-3 |
| DC\_8A\_n81A\_ULSUP-TDM\_n41 |  |  | 23 | +2/-3 |
| DC\_8A\_n81A\_ULSUP-TDM\_n78A |  |  | 23 | +2/-3 |
| DC\_8A\_n81A\_ULSUP-TDM\_n79A |  |  | 23 | +2/-3 |
| DC\_11A\_n3A |  |  | 23 | +2/-3 |
| DC\_11A\_n28A |  |  | 23 | +2/-3 |
| DC\_11A\_n77A |  |  | 23 | +2/-3 |
| DC\_11A\_n78A |  |  | 23 | +2/-3 |
| DC\_11A\_n79A |  |  | 23 | +2/-3 |
| DC\_12A\_n2A |  |  | 23 | +2/-3 |
| DC\_12A\_n5A |  |  | 23 | +2/-3 |
| DC\_12A\_n7A |  |  | 23 | +2/-3 |
| DC\_12A\_n25A |  |  | 23 | +2/-3 |
| DC\_12A\_n38A |  |  | 23 | +2/-3 |
| DC\_12A\_n41A |  |  | 23 | +2/-3 |
| DC\_12A\_n66A |  |  | 23 | +2/-3 |
| DC\_12A\_n78A |  |  | 23 | +2/-3 |
| DC\_13A\_n2A |  |  | 23 | +2/-3 |
| DC\_13A\_n5A |  |  | 23 | +2/-3 |
| DC\_13A\_n7A |  |  | 23 | +2/-3 |
| DC\_13A\_n48A |  |  | 23 | +2/-3 |
| DC\_13A\_n66A |  |  | 23 | +2/-3 |
| DC\_13A\_n71A |  |  | 23 | +2/-3 |
| DC\_13A\_n78A |  |  | 23 | +2/-3 |
| DC\_14A\_n2A |  |  | 23 | +2/-3 |
| DC\_14A\_n66A |  |  | 23 | +2/-3 |
| DC\_18A\_n3A |  |  | 23 | +2/-3 |
| DC\_18A\_n77A |  |  | 23 | +2/-3 |
| DC\_18A\_n78A |  |  | 23 | +2/-3 |
| DC\_18A\_n79A |  |  | 23 | +2/-3 |
| DC\_19A\_n77A |  |  | 23 | +2/-3 |
| DC\_19A\_n78A |  |  | 23 | +2/-3 |
| DC\_19A\_n79A |  |  | 23 | +2/-3 |
| DC\_20A\_n1A |  |  | 23 | +2/-3 |
| DC\_20A\_n3A |  |  | 23 | +2/-3 |
| DC\_20A\_n7A |  |  | 23 | +2/-3 |
| DC\_20A\_n8A |  |  | 23 | +2/-3 |
| DC\_20A\_n38A |  |  | 23 | +2/-3 |
| DC\_20A\_n28A |  |  | 23 | +2/-3 |
| DC\_20A\_n41A |  |  | 23 | +2/-3 |
| DC\_20A\_n50A |  |  | 23 | +2/-3 |
| DC\_20A\_n51A |  |  | 23 | +2/-3 |
| DC\_20A\_n77A |  |  | 23 | +2/-3 |
| DC\_20A\_n80A |  |  | 23 | +2/-3 |
| DC\_20A\_n78A |  |  | 23 | +2/-3 |
| DC\_20A\_n82A\_ULSUP-TDM\_n78A |  |  | 23 | +2/-3 |
| DC\_20A\_n83A |  |  | 23 | +2/-3 |
| DC\_21A\_n77A |  |  | 23 | +2/-3 |
| DC\_21A\_n78A |  |  | 23 | +2/-3 |
| DC\_21A\_n79A |  |  | 23 | +2/-3 |
| DC\_25A\_n41A |  |  | 23 | +2/-3 |
| DC\_26A\_n25A |  |  | 23 | +2/-3 |
| DC\_26A\_n41A |  |  | 23 | +2/-3 |
| DC\_26A\_n77A |  |  | 23 | +2/-3 |
| DC\_26A\_n78A |  |  | 23 | +2/-3 |
| DC\_26A\_n79A |  |  | 23 | +2/-3 |
| DC\_28A\_n3A |  |  | 23 | +2/-3 |
| DC\_28A\_n5A |  |  | 23 | +2/-3 |
| DC\_28A\_n7A  DC\_28A\_n7B |  |  | 23 | +2/-3 |
| DC\_28A\_n8A |  |  | 23 | +2/-3 |
| DC\_28A\_n40A |  |  | 23 | +2/-3 |
| DC\_28A\_n41A |  |  | 23 | +2/-3 |
| DC\_28A\_n50A |  |  | 23 | +2/-3 |
| DC\_28A\_n51A |  |  | 23 | +2/-3 |
| DC\_28A\_n77A |  |  | 23 | +2/-3 |
| DC\_28A\_n78A |  |  | 23 | +2/-3 |
| DC\_28A\_n79A |  |  | 23 | +2/-3 |
| DC\_28A\_n83A\_ULSUP-TDM\_n41A |  |  | 23 | +2/-3 |
| DC\_28A\_n83A\_ULSUP-TDM\_n78A |  |  | 23 | +2/-3 |
| DC\_30A\_n2A |  |  | 23 | +2/-3 |
| DC\_30A\_n5A |  |  | 23 | +2/-3 |
| DC\_30A\_n66A |  |  | 23 | +2/-3 |
| DC\_38A\_n78A |  |  | N/A | N/A |
| DC\_39A\_n40A |  |  | 23 | +2/-3 |
| DC\_39A\_n41A  DC\_39C\_n41A | 265 | +2/-31 | 23 | +2/-3 |
| DC\_39A\_n78A |  |  | 23 | +2/-31 |
| DC\_39A\_n79A | 265 | +2/-31 | 23 | +2/-31 |
| DC\_40A\_n1A |  |  | 23 | +2/-3 |
| DC\_40A\_n41A  DC\_40C\_n41A |  |  | 23 | +2/-3 |
| DC\_40A\_n77A |  |  | N/A | N/A |
| DC\_40A\_n78A |  |  | 23 | +2/-3 |
| DC\_40A\_n79A |  |  | 23 | +2/-3 |
| DC\_41A\_n3A  DC\_41C\_n3A |  |  | 23 | +2/-3 |
| DC\_41A\_n28A  DC\_41C\_n28A |  |  | 23 | +2/-3 |
| DC\_41A\_n77A  DC\_41C\_n77A |  |  | 23 | +2/-31 |
| DC\_41A\_n78A  DC\_41C\_n78A |  |  | 23 | +2/-31 |
| DC\_41A\_n79A  DC\_41C\_n79A | 265 | +2/-31 | 23 | +2/-31 |
| DC\_42A\_n28A  DC\_42C\_n28A |  |  | 23 | +2/-3 |
| DC\_42A\_n51A |  |  | 23 | +2/-3 |
| DC\_42A\_n77A |  |  | N/A | N/A |
| DC\_42A\_n78A |  |  | N/A | N/A |
| DC\_42A\_n79A |  |  | N/A | N/A |
| DC\_48A\_n5A |  |  | 23 | +2/-3 |
| DC\_48A\_n12A |  |  | 23 | +2/-3 |
| DC\_48A\_n66A |  |  | 23 | +2/-3 |
| DC\_48A\_n71A |  |  | 23 | +2/-3 |
| DC\_66A\_n2A |  |  | 23 | +2/-3 |
| DC\_66A\_n5A |  |  | 23 | +2/-31 |
| DC\_66A\_n7A |  |  | 23 | +2/-3 |
| DC\_66A\_n12A |  |  | 23 | +2/-3 |
| DC\_66A\_n25A |  |  | 23 | +2/-3 |
| DC\_66A\_n38A |  |  | 23 | +2/-3 |
| DC\_66A\_n41A |  |  | 23 | +2/-3 |
| DC\_66A\_n48A |  |  | 23 | +2/-3 |
| DC\_66A\_n71A |  |  | 23 | +2/-3 |
| DC\_66A\_n78A  DC\_66A-66A\_n78A |  |  | 23 | +2/-3 |
| DC\_66A\_n86A\_ULSUP-TDM\_n78A |  |  | 23 | +2/-3 |
| DC\_71A\_n5A |  |  | 23 | +2/-3 |
| DC\_71A\_n38A |  |  | 23 | +2/-3 |
| DC\_71A\_n48A |  |  | 23 | +2/-3 |
| DC\_71A\_n66A |  |  | 23 | +2/-3 |
| DC\_71A\_n78A |  |  | 23 | +2/-3 |
| NOTE 1: For the transmission bandwidths confined within FUL\_low and FUL\_low + 4 MHz or FUL\_high – 4 MHz and FUL\_high, the maximum output power requirement is relaxed by reducing the lower tolerance limit by 1.5 dB  NOTE 2: PPowerClass, EN-DC is the maximum UE power specified without taking into account the tolerance  NOTE 3: For inter-band EN-DC the maximum power requirement should apply to the total transmitted power over all component carriers (per UE).  NOTE 4: Power Class 3 is the default power class unless otherwise stated.  NOTE 5: The UE is not required to support PC2 within each individual cell group. Power class support within each individual cell group is signaled separately by the UE.  NOTE 6: The UE supports PC3 within E-UTRA cell group, and supports either PC3 or PC2 within NR cell group. Power class support within each individual cell group is signaled separately by the UE. | | | | |

If a UE supports a different power class than the default UE power class for an E-UTRA TDD and NR TDD Inter-band EN-DC band combination and the supported power class enables higher maximum output power than that of the default power class:

– if the field of UE capability *maxUplinkDutyCycle-interBandENDC-TDD-PC2-r16* is absent and the percentage of NR uplink symbols transmitted in a certain evaluation period is larger than 30% (The exact evaluation period is no less than one radio frame); or

– if the field of UE capability *maxUplinkDutyCycle-interBandENDC-TDD-PC2-r16* is not absent and the percentage of NR uplink symbols transmitted in a certain evaluation period is larger than *maxUplinkDutyCycle-interBandENDC-TDD-PC2-r16* as defined in TS38.331 (The exact evaluation period is no less than one radio frame); or

– if the IE *p-maxUE-FR1* as defined in TS 38.331 is provided and set to the maximum output power of the default power class or lower;

– shall apply all requirements for the default power class to the supported power class and set the configured transmitted power as specified sub-clause 6.2B.4;

– Else if the IE *p-maxUE-FR1* as defined in TS 38.331 is not provided or set to the higher value than the maximum output power of the default power class and the percentage of NR uplink symbols transmitted in a certain evaluation period is less than or equal t*o maxUplinkDutyCycle-interBandENDC-TDD-PC2-r16* as defined in TS 38.331; or

– if the IE *p-maxUE-FR1* as defined in TS 38.331 is not provided or set to the higher value than the maximum output power of the default power class and the percentage of NR uplink symbols transmitted in a certain evaluation period is less than or equal to 30% when *maxUplinkDutyCycle-interBandENDC-TDD-PC2-r16* is absent. (The exact evaluation period is no less than one radio frame):

– shall apply all requirements for the supported power class and set the configured transmitted power class as specified in sub-clause 6.2B.4.

If a UE supports a different power class than the default UE power class for an E-UTRA FDD and NR TDD EN-DC band combination and the supported power class enables higher maximum output power than that of the default power class:

If UE indicating the two capabilities maxUplinkDutyCycle-EN-DC\_FDDTDD\_1 and maxUplinkDutyCycle-EN-DC\_FDDTDD\_2:

– if the IE *p-maxUE-FR1* as defined in TS 38.331 is not provided or set to the higher value than the maximum output power of the default power class, and the percentage of EUTRA uplink symbols transmitted in a certain evaluation period is between 40% and 70%, and the percentage of NR uplink symbols transmitted in a certain evaluation period is less than or equal t*o maxUplinkDutyCycle-EN-DC\_FDDTDD\_1* as defined in TS 38.331 (The exact evaluation period is no less than one radio frame); or

– if the IE *p-maxUE-FR1* as defined in TS 38.331 is not provided or set to the higher value than the maximum output power of the default power class, and the percentage of EUTRA uplink symbols transmitted in a certain evaluation period is no larger than 40%, and the percentage of NR uplink symbols transmitted in a certain evaluation period is less than or equal t*o maxUplinkDutyCycle-EN-DC\_FDDTDD\_2* as defined in TS 38.331 (The exact evaluation period is no less than one radio frame)

– shall apply all requirements for the supported power class and set the configured transmitted power class as specified in sub-clause 6.2B.4.

– else

– shall apply all requirements for the default power class and set the configured transmitted power as specified sub-clause 6.2B.4;

else

– shall apply all requirements for the supported power class and set the configured transmitted power as specified sub-clause 6.2B.4;

## **<<End of Change2>>**

## **<<Start of Change3>>**

###### 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  DC\_3-7\_n1 | 1 or n1 | 0.6 |
| 3 | 0.6 |
| 7 or n7 | 0.6 |
| DC\_1-3\_n8 | 1 | 0.3 |
| 3 | 0.3 |
| n8 | 0.3 |
| 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\_n40 | 1 | 0.5 |
| 3 | 0.5 |
| n40 | 0.5 |
| DC\_1-3\_n41  DC\_1-41\_n3 | 1 | 0.5 |
| 3 or n3 | 0.5 |
| n41 or 41 | 0.33/0.84 |
| DC\_1-3\_n77 | 1 | 0.6 |
| 3 | 0.6 |
| n77 | 0.8 |
| DC\_1-3\_n71 | 1 | 0.3 |
| 3 | 0.3 |
| n71 | 0.3 |
| 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\_n8 | 1 | 0.5 |
| 7 | 0.6 |
| n8 | 0.6 |
| DC\_1-7\_n28 | 1 | 0.5 |
| 7 | 0.6 |
| n28 | 0.6 |
| DC\_1-7\_n40 | 1 | 0.6 |
| 7 | 0.8 |
| n40 | 0.9 |
| DC\_1-7\_n78  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\_n8-n40 | 1 | 0.3 |
| n8 | 0.3 |
| n40 | 0.5 |
| 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\_n3 | 1 | 0.3 |
| 11 | 0.8 |
| n3 | 0.9 |
| 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-n3 | 1 | 0.3 |
| 18 | 0.3 |
| n3 | 0.3 |
| 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\_1-18-41\_n3 | 1 | 0.5 |
| 18 | 0.3 |
| 41 | 0.37/0.88 |
| n3 | 0.5 |
| DC\_1-18-41\_n77 | 1 | 0.6 |
| 18 | 0.3 |
| 41 | 0.5 |
| n77 | 0.8 |
| DC\_1-18-41\_n78 | 1 | 0.5 |
| 18 | 0.3 |
| 41 | 0.5 |
| n78 | 0.8 |
| DC\_1-20\_n3 | 1 | 0.3 |
| 20 | 0.3 |
| n3 | 0.3 |
| DC\_1-20\_n8 | 1 | 0.3 |
| 20 | 0.4 |
| n8 | 0.4 |
| 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\_n41 | 1 | 0.5 |
| 20 | 0.3 |
| n41 | 0.51 |
| 1.22 |
| 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-n3 | 1 | 0.3 |
| 28 | 0.6 |
| n3 | 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\_1-28\_n77 | 1 | 0.3 |
| 28 | 0.6 |
| n77 | 0.8 |
| DC\_1-28\_n78  DC\_1\_n28-n78 | 1 | 0.3 |
| 28 or n28 | 0.6 |
| n78 | 0.8 |
| DC\_1\_n28-n79 | 1 | 0.3 |
| n28 | 0.3 |
| DC\_1\_n28-n40 | 1 | 0.6 |
| n28 | 0.3 |
| n40 | 0.5 |
| DC\_1\_n28-n77 | 1 | 0.6 |
| n28 | 0.6 |
| n77 | 0.8 |
| DC\_1-28\_n40 | 1 | 0.6 |
| 28 | 0.3 |
| n40 | 0.5 |
| DC\_1-32\_n78 | 1 | 0.5 |
| n78 | 0.8 |
| DC\_1-(n)38 | 1 | 0.5 |
| 38 | 0.5 |
| n38 | 0.5 |
| DC\_1\_n40-n78 | 1 | 0.3 |
| n40 | 0.5 |
| n78 | 0.8 |
| DC\_1-41\_n3 | 1 | 0.5 |
| 41 | 0.31/0.82 |
| n3 | 0.5 |
| DC\_1-41\_n28 | 1 | 0.5 |
| 41 | 0.5 |
| n28 | 0.5 |
| DC\_1-(n)41 | 1 | 0.5 |
| 41 | 0.5 |
| n41 | 0.5 |
| DC\_1-41\_n41 | 1 | 0.5 |
| 41 | 0.5 |
| n41 | 0.5 |
| DC\_1-41\_n77 | 1 | 0.5 |
| 41 | 0.5 |
| n77 | 0.8 |
| DC\_1-41\_n78  DC\_1\_n41-n78 | 1 | 0.5 |
| 41 or n41 | 0.5 |
| n78 | 0.8 |
| DC\_1-41\_n79 | 1 | 0.5 |
| 41 | 0.5 |
| DC\_1-42\_n28 | 1 | 0.3 |
| 42 | 0.8 |
| n28 | 0.8 |
| DC\_1-42\_n77 | 1 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-42\_n78 | 1 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-42\_n79 | 1 | 0.3 |
| 42 | 0.8 |
| DC\_1\_n77-n79 | 1 | 0.6 |
| n77 | 0.8 |
| 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\_n78-n79 | 1 | 0.3 |
| n78 | 0.8 |
| n79 | 0.5 |
| DC\_1\_n75-n78 | 1 | 0.5 |
| n78 | 0.8 |
| DC\_1\_SUL\_n78-n80 | 1 | 0.6 |
| n80 | 0.6 |
| n78 | 0.8 |
| 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\_n2  DC\_2-5-5\_n2 | 2 | 0.3 |
| 5 | 0.3 |
| n2 | 0.3 |
| DC\_2-5\_n5  DC\_2-2-5\_n5 | 2 | 0.3 |
| 5 | 0.3 |
| n5 | 0.3 |
| DC\_2-5\_n66  DC\_2-5-5\_n66 | 2 | 0.5 |
| 5 | 0.3 |
| n66 | 0.5 |
| DC\_2-5\_n71 | 2 | 0.3 |
| 5 | 0.5 |
| n71 | 0.5 |
| DC\_2-7\_n38 DC\_2-2-7\_n38 | 2 | 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\_(n)12 | 2 | 0.3 |
| 12 | 0.3 |
| n12 | 0.3 |
| DC\_2-12\_n66, DC\_2-2-12\_n66 | 2 | 0.5 |
| 12 | 0.8 |
| n66 | 0.5 |
| DC\_2-13\_n2 | 2 | 0.3 |
| 13 | 0.3 |
| n2 | 0.3 |
| DC\_2-13\_n5  DC\_2-2-13\_n5 | 2 | 0.3 |
| 13 | 0.5 |
| n5 | 0.5 |
| DC\_2-13\_n66  DC\_2-2-13\_n66 | 2 | 0.5 |
| 13 | 0.3 |
| n66 | 0.5 |
| DC\_2-14\_n2 | 2 | 0.3 |
| 14 | 0.3 |
| n2 | 0.3 |
| DC\_2-14\_n66 DC\_2-2-14\_n66 | 2 | 0.5 |
| 14 | 0.3 |
| n66 | 0.5 |
| DC\_2-29\_n66  DC\_2-2-29\_n66 | 2 | 0.5 |
| 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\_n38-n78 | 2 | 0.6 |
| n38 | 0.9 |
| n78 | 0.8 |
| 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\_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\_2-46\_n41 | 2 | 0.5 |
| n41 | 0.41 |
| 0.92 |
| DC\_2-46\_n66 | 2 | 0.5 |
| n66 | 0.5 |
| DC\_2-48\_n12 | 2 | 0.6 |
| 48 | 0.3 |
| n12 | 0.8 |
| DC\_2-48\_n66 | 2 | 0.6 |
| 48 | 0.8 |
| n66 | 0.6 |
| DC\_2-48\_n71 | 2 | 0.6 |
| 48 | 0.8 |
| 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\_n12 | 2 | 0.5 |
| 66 | 0.5 |
| n12 | 0.8 |
| DC\_2-66\_n25 | 2 | 0.5 |
| 66 | 0.5 |
| n25 | 0.5 |
| DC\_2-66\_n38  DC\_2-2-66\_n38  DC\_2-66-66\_n38 | 2 | 0.5 |
| 66 | 0.5 |
| n38 | 0.9 |
| DC\_2-66\_n41 | 2 | 0.5 |
| 66 | 0.5 |
| n41 | 0.81 |
| 1.32 |
| DC\_2-66\_n48  DC\_2-66-66\_n48 | 2 | 0.6 |
| 66 | 0.6 |
| n48 | 0.8 |
| 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\_2-71\_n38 DC\_2-2-71\_n38 | 2 | 0.5 |
| 71 | 0.3 |
| n38 | 0.5 |
| DC\_2-71\_n66 DC\_2-2-71\_n66 | 2 | 0,5 |
| 71 | 0.3 |
| n66 | 0.5 |
| DC\_2-(n)71 | 2 | 0.3 |
| 71 | 0.3 |
| n71 |
| DC\_2-71\_n78 DC\_2-2-71\_n78 | 2 | 0.6 |
| 71 | 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-n40 | 3 | 0.5 |
| n1 | 0.5 |
| n40 | 0.5 |
| 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\_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\_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\_n8 | 3 | 0.5 |
| 7 | 0.5 |
| n8 | 0.6 |
| DC\_3-7\_n28  DC\_3\_n7-n28 | 3 | 0.5 |
| 7 or n7 | 0.5 |
| n28 | 0.3 |
| DC\_3-7\_n40 | 3 | 0.6 |
| 7 | 0.8 |
| n40 | 0.9 |
| DC\_3-7\_n77  DC\_3-3-7\_n77  DC\_3-7-7\_n77  DC\_3-3-7-7\_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\_n8-n40 | 3 | 0.5 |
| n8 | 0.3 |
| n40 | 0.5 |
| DC\_3-8\_n28 | 3 | 0.3 |
| 8 | 0.6 |
| n28 | 0.5 |
| DC\_3-8\_n77 | 3 | 0.6 |
| 8 | 0.6 |
| n77 | 0.8 |
| DC\_3-8\_n78  DC\_3-3-8\_n78  DC\_3\_n8-n78 | 3 | 0.6 |
| 8 or n8 | 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 |
| 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\_n7 | 3 | 0.5 |
| 20 | 0.3 |
| n7 | 0.5 |
| DC\_3-20\_n8 | 3 | 0.3 |
| 20 | 0.4 |
| n8 | 0.4 |
| 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\_n41 | 3 | 0.5 |
| 20 | 0.3 |
| n41 | 0.51 |
| 1.22 |
| 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\_n28-n40 | 3 | 0.5 |
| n28 | 0.3 |
| n40 | 0.5 |
| DC\_3-28\_n40 | 3 | 0.5 |
| 28 | 0.3 |
| n40 | 0.5 |
| DC\_3-28\_n41 | 3 | 0.5 |
| 28 | 0.5 |
| n41 | 0.33/0.84 |
| DC\_3-28\_n77  DC\_3\_n28-n77 | 3 | 0.6 |
| 28 or n28 | 0.5 |
| n77 | 0.8 |
| 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\_3-32\_n78 | 3 | 0.6 |
| 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\_n40-n79 | 3 | 0.5 |
| n40 | 0.5 |
| DC\_3-41\_n28 | 3 | 0.5 |
| 41 | 0.31/0.82 |
| n28 | 0.3 |
| DC\_3-(n)41 | 3 | 0.5 |
| 41 | 0.33 |
| 0.84 |
| n41 | 0.33 |
| 0.84 |
| DC\_3-41\_n41 | 3 | 0.5 |
| 41 | 0.33 |
| 0.84 |
| n41 | 0.33 |
| 0.84 |
| DC\_3-41-n77 | 3 | 0.6 |
| 41 | 0.33 |
| 0.84 |
| n77 | 0.8 |
| DC\_3-41\_n78  DC\_3\_n41-n78 | 3 | 0.6 |
| 41 or n41 | 0.33 |
| 0.84 |
| n78 | 0.8 |
| DC\_3-41-n79,  DC\_3\_n41-n79 | 3 | 0.6 |
| 41 or n41 | 0.33 |
| 0.84 |
| DC\_3\_SUL\_n41-n80 | 3 | 0.5 |
| n41 | 0.33 |
| 0.84 |
| n80 | 0.5 |
| DC\_3-42\_n28 | 3 | 0.6 |
| 42 | 0.8 |
| n28 | 0.8 |
| DC\_3-42\_n77 | 3 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_3-42\_n78 | 3 | 0.6 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_3-42\_n79 | 3 | 0.6 |
| 42 | 0.8 |
| DC\_3\_n75-n78 | 3 | 0.6 |
| n78 | 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\_(n)12 | 5 | 0.8 |
| 12 | 0.4 |
| n12 | 0.4 |
| DC\_5-13\_n2 | 5 | 0.5 |
| 13 | 0.5 |
| n2 | 0.3 |
| 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\_n2  DC\_5-5-66\_n2  DC\_5-66-66\_n2  DC\_5-5-66-66\_n2 | 5 | 0.3 |
| 66 | 0.5 |
| n2 | 0.5 |
| DC\_5-66\_n5  DC\_5-66-66\_n5 | 5 | 0.3 |
| 66 | 0.3 |
| n5 | 0.3 |
| DC\_5-66\_n66  DC\_5-5-66\_n66  DC\_5-66-66\_n66  DC\_5-5-66-66\_n66 | 5 | 0.3 |
| 66 | 0.3 |
| n66 | 0.3 |
| DC\_5-66\_n71 | 5 | 0.5 |
| 66 | 0.3 |
| n71 | 0.5 |
| DC\_5-66\_n78 | 5 | 0.6 |
| 66 | 0.6 |
| n78 | 0.8 |
| 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-n40 | n1 | 0.6 |
| 7 | 0.8 |
| n40 | 0.9 |
| 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\_n8-n40 | 7 | 0.5 |
| n8 | 0.6 |
| n40 | 0.6 |
| DC\_7-8\_n3 | 7 | 0.5 |
| 8 | 0.6 |
| n3 | 0.5 |
| DC\_7-8\_n77 | 7 | 0.5 |
| 8 | 0.6 |
| n77 | 0.8 |
| DC\_7-8\_n78  DC\_7-7-8\_n78  DC\_7\_n8-n78 | 7 | 0.5 |
| 8 or n8 | 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\_n8 | 7 | 0.3 |
| 20 | 0.4 |
| n8 | 0.4 |
| 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\_n3 | 7 | 0.5 |
| 28 | 0.3 |
| n3 | 0.5 |
| 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\_n28-n40 | 7 | 0.5 |
| n28 | 0.3 |
| n40 | 0.6 |
| DC\_7-28\_n40 | 7 | 0.5 |
| 28 | 0.3 |
| n40 | 0.6 |
| 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\_n38 | 66 | 0.5 |
| DC\_7-66\_n66  DC\_7-7-66\_n66 | 7 | 0.5 |
| 66 | 0.5 |
| n66 | 0.5 |
| DC\_7-66\_n71 DC\_7-66-66\_n71 | 7 | 0.5 |
| 66 | 0.5 |
| n71 | 0.5 |
| DC\_7-66\_n78  DC\_7-7-66\_n78  DC\_7-66-66\_n78  DC\_7-7-66-66\_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\_n3 | 8 | 0.3 |
| 11 | 0.8 |
| n3 | 0.9 |
| 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\_n28-n77 | 8 | 0.6 |
| n28 | 0.5 |
| n77 | 0.8 |
| DC\_8\_n40-n41 | 8 | 0.3 |
| n40 | 0.3 |
| n41 | 0.3 |
| DC\_8\_n40-n79 | 8 | 0.3 |
| n40 | 0.3 |
| DC\_8\_n41-n79 | 8 | 0.3 |
| n41 | 0.3 |
| DC\_8\_SUL\_n41-n81 | 8 | 0.3 |
| n41 | 0.3 |
| n81 | 0.3 |
| DC\_8-42\_n28 | 8 | 0.6 |
| 42 | 0.8 |
| n28 | 0.8 |
| DC\_8-42\_n77 | 8 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| 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\_11-18\_n77 | 11 | 0.4 |
| 18 | 0.3 |
| n77 | 0.8 |
| DC\_11-18\_n78 | 11 | 0.4 |
| 18 | 0.3 |
| n78 | 0.8 |
| DC\_12\_(n)5 | 5 | 0.8 |
| 12 | 0.4 |
| n5 | 0.8 |
| 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\_13-46\_n5 | 13 | 0.5 |
| n5 | 0.5 |
| DC\_12-66\_n2 | 12 | 0.8 |
| 66 | 0.5 |
| n2 | 0.5 |
| DC\_12-66\_n25 | 12 | 0.8 |
| 66 | 0.5 |
| n25 | 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\_n2  DC\_13-66-66\_n2 | 13 | 0.3 |
| 66 | 0.5 |
| n2 | 0.5 |
| DC\_13-66\_n48  DC\_13-66-66\_n48 | 13 | 0.3 |
| 66 | 0.6 |
| n48 | 0.8 |
| DC\_13-66\_n66  DC\_13-66-66\_n66 | 13 | 0.3 |
| 66 | 0.3 |
| n66 | 0.3 |
| DC\_18\_n3-n77 | 18 | 0.3 |
| n3 | 0.6 |
| n77 | 0.8 |
| DC\_14-66\_n2 DC\_14-66-66\_n2 | 14 | 0.3 |
| 66 | 0.5 |
| n2 | 0.5 |
| DC\_14-66\_n66 | 14 | 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\_18-41\_n3 | 18 | 0.3 |
| 41 | 0.31/0.82 |
| n3 | 0.5 |
| DC\_18-41\_n77 | 18 | 0.3 |
| 41 | 0.3 |
| n77 | 0.8 |
| DC\_18-41\_n78 | 18 | 0.3 |
| 41 | 0.3 |
| n78 | 0.8 |
| 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-n7 | 20 | 0.3 |
| n1 | 0.5 |
| n7 | 0.6 |
| 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\_n7-n28 | 20 | 0.5 |
| n7 | 0.3 |
| n28 | 0.5 |
| DC\_20\_n8-n75 | 20 | 0.4 |
| n8 | 0.4 |
| DC\_20\_n28-n75 | 20 | 0.5 |
| n28 | 0.7 |
| DC\_20\_n28-n78 | 20 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_20-32\_n78 | 20 | 0.5 |
| n78 | 0.8 |
| DC\_20-(n)38 | 20 | 0.3 |
| 38 | 0.3 |
| n38 | 0.3 |
| DC\_20-38\_n78 | 20 | 0.6 |
| n78 | 0.8 |
| DC\_20\_n41-n78 | 20 | 0.5 |
| n41 | 0.3 |
| 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\_20\_n78-n92 | 20 | 0.6 |
| n78 | 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-n77 | 28 | 0.5 |
| n3 | 0.6 |
| n77 | 0.8 |
| 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\_n40-n78 | 28 | 0.5 |
| n40 | 0.35 |
| n78 | 0.85 |
| DC\_28\_SUL\_n41-n83 | n28 | 0.3 |
| n41 | 0.3 |
| n83 | 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\_29-66\_n2  DC\_29-66-66\_n2 | 66 | 0.5 |
| n2 | 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\_39\_n40-n41 | 39 | 0.3 |
| n40 | 0.3 |
| n41 | 0.3 |
| DC\_39\_n40-n79 | 39 | 0.3 |
| n79 | 0.8 |
| DC\_39\_n41-n79 | 39 | 0.5 |
| n41 | 0.5 |
| n79 | 0.8 |
| DC\_41\_n3-n77 | 41 | 0.33/084 |
| n3 | 0.6 |
| n77 | 0.8 |
| DC\_41\_n3-n78 | 41 | 0.33/084 |
| n3 | 0.6 |
| n78 | 0.8 |
| DC\_41\_n28-n77 | 41 | 0.3 |
| n28 | 0.5 |
| n77 | 0.8 |
| DC\_41\_n28-n78 | 41 | 0.3 |
| n28 | 0.5 |
| n78 | 0.8 |
| DC\_(n)41-n78 | 41 | 0.3 |
| n41 | 0.3 |
| n78 | 0.8 |
| 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\_42\_n28-n77 | 42 | 0.5 |
| n28 | 0.8 |
| n77 | 0.8 |
| DC\_46-66\_n5 | 66 | 0.3 |
| n5 | 0.3 |
| DC\_46-66\_n25 | 66 | 0.5 |
| n25 | 0.5 |
| DC\_48\_(n)5 | 5 | 0.3 |
| 48 | 0.3 |
| n5 | 0.3 |
| DC\_48\_(n)12 | 12 | 0.3 |
| n12 | 0.3 |
| 48 | 0.3 |
| DC\_48-66\_n12 | 48 | 0.8 |
| 66 | 0.6 |
| n12 | 0.3 |
| DC\_48-66\_n71 | 48 | 0.8 |
| 66 | 0.6 |
| n71 | 0.3 |
| DC\_48-66\_n5 | 48 | 0.8 |
| 66 | 0.6 |
| n5 | 0.3 |
| DC\_41-42\_n79 | 41 | 0.3 |
| 42 | 0.8 |
| DC\_66\_n7-n78 | 66 | 0.6 |
| n7 | 0.5 |
| n78 | 0.8 |
| DC\_66\_(n)12 | 12 | 0.8 |
| n12 | 0.8 |
| 66 | 0.5 |
| 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\_n38-n78 | 66 | 0.6 |
| n38 | 0.5 |
| n78 | 0.8 |
| 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\_66-71\_n38 | 66 | 0.5 |
| 71 | 0.5 |
| n38 | 0.8 |
| DC\_66-71\_n66 | 66 | 0.3 |
| 71 | 0.3 |
| n66 | 0.3 |
| DC\_66-71\_n78 | 66 | 0.6 |
| 71 | 0.6 |
| n78 | 0.8 |
| 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.  NOTE 5: Only applicable for UE supporting inter-band carrier aggregation with uplink in one NR band and without simultaneous Rx/Tx. | | |

## **<<End of Change3>>**

## **<<Start of Change4>>**

##### 6.5B.3.3.2 Spurious emission band UE co-existence

This clause specifies the requirements for the specified EN-DC, for coexistence with protected bands. The requirements in Table 6.5B.3.3.2-1 apply on each component carrier with all component carriers are active.

NOTE: For inter-band EN-DC with uplink assigned to one LTE band and one NR band the requirements in Table 6.5B.3.3.2-1 could be verified by measuring spurious emissions at the specific frequencies where second and third order intermodulation products generated by the two transmitted carriers can occur;

Table 6.5B.3.3.2-1: Requirements

| EN-DC Configuration | Spurious emission | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Protected band | Frequency range (MHz) | | | Maximum Level (dBm) | MBW (MHz) | NOTE |
| DC\_1\_n3 | E-UTRA Band 1, 5, 7, 8, 11, 18, 19, 20, 21, 26, 27, 28, 31, 32, 38, 40, 41, 43, 44, 50, 51, 65, 67, 72, 73, 74, 75, 76  NR Band n79 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 3, 34 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA band 22, 42, 52  NR Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 1880 |  | 1895 | -40 | 1 | 5,17 |
| Frequency range | 1895 |  | 1915 | -15.5 | 5 | 5, 7, 17 |
| Frequency range | 1915 |  | 1920 | +1.6 | 5 | 5, 7, 17 |
| DC\_1\_n5 | E-UTRA Band 1, 5, 7, 8, 11, 18, 19, 21, 22, 26, 28, 31, 38, 40, 42, 43, 50, 51, 65, 73, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 3,34 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA band 41, 52  NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_1\_n7 | E-UTRA Band 1, 5, 7, 8, 20, 22, 26, 27, 28, 31,32, 40, 42, 43, 50, 51, 52, 65, 67, 72, 74, 75, 76  NR Band n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| band 3, 34 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| Frequency range | 1880 |  | 1895 | -40 | 1 | 5,16 |
| Frequency range | 1895 |  | 1915 | -15.5 | 5 | 5, 7, 16 |
| Frequency range | 1915 |  | 1920 | +1.6 | 5 | 5, 7, 16 |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 6, 7 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 6, 7 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 6 |
| DC\_1\_n8 | E-UTRA Band 11, 20, 21, 28, 31, 32, 38, 40, 45, 50, 51, 65, 67, 68, 69, 72, 73, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 3, 7, 22, 41, 42, 43, 52  NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 1, 8, 34 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| Frequency range | 1880 |  | 1895 | -40 | 1 | 5, 16 |
| Frequency range | 1895 |  | 1915 | -15.5 | 5 | 5, 7, 16 |
| Frequency range | 1915 |  | 1920 | +1.6 | 5 | 5, 7, 16 |
| DC\_1\_n20 | E-UTRA Band 1, 3, 7, 8, 22, 31, 32, 40, 43, 50, 51, 65, 67, 68, 72, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 38, 42, 69  NR Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 20, 34 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| Frequency range | 758 | - | 788 | -50 | 1 |  |
| DC\_1\_n28 | E-UTRA Band 5, 7, 8, 18, 19, 20, 26, 27, 31, 38, 40, 41, 72, 73  NR band n79 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 1, 22, 32, 42, 43, 50, 51, 52, 65, 74, 75, 76  NR band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA band 3, 34 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 11 |
| E-UTRA Band 1, 65 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 10 |
| Frequency range | 470 | - | 694 | -42 | 8 | 5, 17 |
| Frequency range | 470 | - | 710 | -26.2 | 6 | 14 |
| Frequency range | 758 | - | 773 | -32 | 1 | 5 |
| Frequency range | 773 | - | 803 | -50 | 1 |  |
| Frequency range | 662 | - | 694 | -26.2 | 6 | 5 |
| Frequency range | 1880 | - | 1895 | -40 | 1 | 5,16 |
| Frequency range | 1895 | - | 1915 | -15.5 | 5 | 5, 7, 16 |
| Frequency range | 1915 | - | 1920 | +1.6 | 5 | 5, 7, 16 |
| DC\_1\_n38 | E-UTRA Band 1, 3, 5, 8, 20, 22, 27, 28, 31, 32, 34, 40, 42, 43, 50, 51, 65, 67, 68, 72, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| DC\_1\_n40 | E-UTRA Band 1, 5, 7, 8, 20, 22, 26, 27, 28, 31, 32, 38, 41, 42, 43, 44, 45, 50, 51, 52, 65, 67, 68, 69, 72, 73, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Band 3, 34 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| Frequency range | 1880 |  | 1895 | -40 | 1 | 5, 17 |
| Frequency range | 1895 |  | 1915 | -15.5 | 5 | 5, 7, 17 |
| Frequency range | 1915 |  | 1920 | +1.6 | 5 | 5, 7, 17 |
| DC\_1\_n41 | E-UTRA Band 3, 4, 5, 8, 12, 13, 14, 17, 19, 20, 21, 24, 26, 27, 28, 29, 30, 31, 32, 40, 42, 43, 44, 45, 50, 51, 52, 66, 67, 68, 71, 72, 73, 75, 76, 85  NR Band n78 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 34 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| NR Band n77, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 1880 |  | 1895 | -40 | 1 | 5, 8 |
| Frequency range | 1895 |  | 1915 | -15.5 | 5 | 5, 7, 8 |
| Frequency range | 1915 |  | 1920 | +1.6 | 5 | 5, 7, 8, 20 |
| E-UTRA Band 11, 18, 19, 21, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| DC\_1A\_n50A | E-UTRA Band 3, 4, 5, 7, 8, 12, 13, 17, 18, 19, 20, 26, 27, 28, 29, 31, 38, 40, 41, 42, 43, 44, 48, 52, 66, 67, 68, 69, 72, 73, 85  NR Band n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 34 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 1880 |  | 1895 | -40 | 1 | 5,16 |
| Frequency range | 1895 |  | 1915 | -15.5 | 5 | 5, 7, 16 |
| Frequency range | 1915 |  | 1920 | +1.6 | 5 | 5, 7, 16 |
| DC\_1\_n51 | E-UTRA Band 7, 12, 13, 17, 20, 22, 27, 28, 29, 31, 38, 44, 48, 67, 68, 69, 72, 73 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 3, 34 | FDL\_low | - | FDL\_high | -50 | 1 | 5, 2 |
| Frequency range | 1880 | - | 1895 | -40 | 1 | 5, 16 |
| Frequency range | 1895 | - | 1915 | -15.5 | 5 | 5, 7, 16 |
| Frequency range | 1915 | - | 1920 | +1.6 | 5 | 5, 7, 16 |
| E-UTRA Band 5, 6, 8, 26, 30, 40, 41, 42, 43, 46  NR Band n77, n78, n79, | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_1\_n71 | E-UTRA Band 1, 5, 26, | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 41 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 71 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_1\_n77  DC\_1\_n84\_ULSUP-TDM\_n77 | E-UTRA Band 1, 3, 5, 7, 8, 11, 18, 19, 20, 21, 26, 28, 34, 40, 41, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 1880 | - | 1895 | -40 | 1 | 5, 8 |
| Frequency range | 1895 | - | 1915 | -15.5 | 5 | 5, 7, 8 |
| Frequency range | 1915 | - | 1920 | +1.6 | 5 | 5, 7, 8 |
| DC\_1\_n78  DC\_1\_n84\_ULSUP-TDM\_n78 | E-UTRA Band 1, 3, 5, 7, 8, 11, 18, 19, 20, 21, 26, 28, 34, 40, 41, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 1880 | - | 1895 | -40 | 1 | 5, 8 |
| Frequency range | 1895 | - | 1915 | -15.5 | 5 | 5, 7, 8 |
| Frequency range | 1915 | - | 1920 | +1.6 | 5 | 5, 7, 8 |
| DC\_1\_n79  DC\_1\_n84\_ULSUP-TDM\_n79 | E-UTRA Band 1, 3, 5, 7, 8, 11, 18, 19, 21, 26, 28, 34, 40, 41, 42, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 1880 | - | 1895 | -40 | 1 | 5, 8 |
| Frequency range | 1895 | - | 1915 | -15.5 | 5 | 5, 7, 8 |
| Frequency range | 1915 | - | 1920 | +1.6 | 5 | 5, 7, 8 |
| DC\_1\_n80 | E-UTRA Band 1, 5, 7, 8, 11, 18, 19, 20, 21, 26, 27, 28, 31, 32, 38, 40, 41, 43, 44, 45, 50, 51, 65, 67, 68, 69, 72, 73,74, 75, 76,  NR Band n79 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 3, 34 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 22, 42,  NR Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_2\_n5 | E-UTRA Band 4, 5, 10, 12, 13, 14, 17, 24, 26, 28, 29, 30, 42, 48, 50, 51, 66, 70, 71, 74, 85,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 2, 25, 48 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 41, 43 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| DC\_2\_n7 | E-UTRA Band 2, 4, 5, 7, 10, 12, 13, 14, 17, 26, 27, 28, 29, 30, 42, 50, 51, 66, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 43 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 2570 | - | 2575 | 1.6 | 5 | 5, 6, 7 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 6, 7 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 6 |
| DC\_2\_n12 | E-UTRA Band 5, 13, 14, 17, 24, 26, 27, 30, 41, 50, 53, 71, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 25, 85  NR band n12 | FDL\_low | - | FDL\_high | -50 | 1 | 3 |
| E-UTRA Band 2 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 4, 10, 51, 66, 70,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_2\_n38 | E-UTRA Band 4, 5, 10, 12, 13, 14,17, 27, 28, 29, 30, 42, 50, 51, 66, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 2 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 43 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_2\_n41 | E-UTRA Band 4, 5, 10, 12, 13, 14, 17, 24, 26, 27, 28, 29, 30, 42, 48, 50, 51, 66, 70, 71, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 2, 25 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 43,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_2A\_n48A | E-UTRA Band 4, 5, 12, 13, 14, 17, 24, 26, 29, 30, 41, 50, 51, 66, 70, 71, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 2, 25 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_2\_n66 | E-UTRA Band 4, 5, 10, 12, 13, 14, 17, 24, 26, 27, 28, 29, 30, 41, 50, 51, 66, 70, 71, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 2, 25 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 42, 48,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_2\_n71 | E-UTRA Band 4, 5, 12, 13, 14, 17, 24, 26, 29, 30, 48, 66 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 2, 25, 41, 70,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 71 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_2\_n78 | E-UTRA Band 4, 5, 10, 12, 13, 14, 17, 24, 26, 27, 28, 29, 30, 41, 50, 51, 66, 70, 71, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 2, 25 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_3\_n1 | E-UTRA Band 1, 5, 7, 8, 11, 18, 19, 20, 21, 26, 27, 28, 31, 32, 38, 40, 41, 43, 44, 50, 51, 65, 67, 72, 73, 74, 75, 76  NR Band n79 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 3, 34 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA band 22, 42, 52  NR Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 1880 |  | 1895 | -40 | 1 | 5,17 |
| Frequency range | 1895 |  | 1915 | -15.5 | 5 | 5, 7, 17 |
| Frequency range | 1915 |  | 1920 | +1.6 | 5 | 5, 7, 17 |
| DC\_3\_n5 | E-UTRA Band 1, 5, 7, 8, 11, 18, 19, 21, 22, 26, 28, 31, 38, 40, 42, 43, 50, 51, 65, 73, 74  NR Band n79 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 3,34 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 52  Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| DC\_3\_n7 | E-UTRA Band 1, 5, 7, 8, 20, 26, 27, 28, 31, 32, 33, 34, 40, 43, 44, 50, 51, 65, 67, 72, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 3 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA band 22, 42 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 6, 7 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 6, 7 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 6 |
| DC\_3\_n8 | E-UTRA Band 1, 11, 20, 21, 28, 31, 32, 33, 34, 38, 39, 40, 45, 50, 51, 65, 67,68, 69, 72, 73, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 3, 8 | FDL\_low | - | FDL\_high | -50 | 1 | 2, 5 |
| E-UTRA band 7, 22, 41, 42, 43, 52  NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| DC\_3\_n20 | E-UTRA Band 1, 7, 8, 31, 32, 33, 34, 40, 43, 50, 51, 65, 67, 72, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 3  NR band n20 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 22, 38, 42, 52 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 758 | - | 788 | -50 | 1 |  |
| DC\_3\_n28 | E-UTRA Band 1, 42, 43, 50, 51, 65, 74, 75, 76  NR band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA band 1 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 11 |
| E-UTRA band 3 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 5, 7, 8, 18, 19, 20, 26, 27, 31, 34, 38, 40, 41, 72 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 10 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 13 |
| Frequency range | 470 | - | 710 | -26.2 | 6 | 14 |
| Frequency range | 758 | - | 773 | -32 | 1 | 5 |
| Frequency range | 773 | - | 803 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3, 9 |
| DC\_3\_n34 | E-UTRA Band 1, 7, 8, 11, 18, 19, 20, 21, 26, 28, 31, 32, 33, 38, 39, 40, 41, 43, 44, 45, 50, 51, 65, 67, 69,72, 73, 74, 75, 76, 79 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 22, 42, 52  NR Band n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 3 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| DC\_3\_n38 | E-UTRA Band 1, 5, 8, 20, 27, 28, 31, 32, 33, 34, 40, 42, 43, 50, 51, 65, 67, 68, 72, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 22, 42 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_3\_n40 | E-UTRA Band 1, 5, 7, 8, 20, 26, 27, 28, 31, 32, 33, 34, 38, 39, 41, 43, 44. 45, 50, 51, 65, 67, 68, 69, 72, 73, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 3 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 22, 42, 52 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_3\_n41,  DC\_3\_n80\_ULSUP-TDM\_n41 | E-UTRA Band 1, 5, 8, 11, 18, 19, 21, 26, 27, 28, 34, 39, 40, 44, 45, 50, 51, 65, 73, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 42, 52  NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| DC\_3A\_n50A | E-UTRA Band 5, 7, 8, 12, 13, 17, 18, 19, 20, 26, 27, 28, 29, 31, 38, 40, 41, 43, 44, 48, 52, 67, 68, 69, 72, 73 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 1, 2, 4, 33, 34, 39, 42, 65, 66  NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 |  |
| DC\_3\_n51 | E-UTRA Band 7, 8, 12, 13, 17, 20, 27, 28, 31, 33, 38, 48, 67, 68, 69, 72, 73 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 3 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 1, 5, 6, 22, 26, 30, 34, 36, 40, 41, 42, 43, 44, 46, 65, 71 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_3\_n71 | E-UTRA Band 5, 26, | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 41 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 3, 71 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_3\_n77  DC\_3\_n80\_ULSUP-TDM\_n77 | E-UTRA Band 1, 3, 5, 7, 8, 11, 18, 19, 20, 21, 26, 28, 34, 39, 40, 41, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| DC\_3\_n78  DC\_3\_n80\_ULSUP-TDM\_n78 | E-UTRA Band 1, 3, 5, 7, 8, 11, 18, 19, 20, 21, 26, 28, 34, 39, 40, 41, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| DC\_3\_n79 DC\_3\_n80\_ULSUP-TDM\_n79 | E-UTRA Band 1, 3, 5, 8, 11, 18, 19, 21, 28, 34, 39, 40, 41, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 42 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| DC\_3\_n82 | E-UTRA Band 1, 3 7, 8, 20，22, 31, 32, 33, 34, 38, 40, 43, 50, 51, 65, 67, 68, 69, 72,74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 42 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_3\_n84 | E-UTRA Band 1, 5, 7, 8, 11, 18, 19, 20, 21, 26, 27, 28, 31, 32, 38, 40, 41, 43, 44, 45, 50, 51, 65, 67, 68, 69, 72, 73,74, 75, 76  NR Band n79 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 3 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| NR Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_4\_n38 | E-UTRA Band 2, 4, 5, 10, 12, 13, 14, 17, 27, 28, 29, 30, 43, 50, 51, 66, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 42 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_4\_n41 | E-UTRA Band 2, 4, 5, 10, 12, 13, 14, 17, 24, 25, 26, 27, 28, 29, 30, 48, 50, 51, 66, 70, 71, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 42,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_4\_n78 | E-UTRA Band 5, 7, 26, 28, 41 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| DC\_5\_n2 | E-UTRA Band 4, 5, 10, 12, 13, 14, 17, 24, 28, 29, 30, 42, 50, 51, 53, 66, 70, 71, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 25 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| NR Band n2 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 26 | 859 | - | 869 | -27 | 1 |  |
| E-UTRA Band 41, 43,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_5\_n7 | E-UTRA Band 1, 2, 3, 4, 5, 7, 8, 10, 12, 13, 14, 17, 28, 29, 30, 31, 34, 40, 42, 43, 65, 66, 71, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 52  NR Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA band 26 | 859 | - | 869 | -27 | 1 |  |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 7, 6 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 7, 6 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 14 |
| DC\_5\_n12 | E-UTRA Band 2, 5, 12, 13, 14, 17, 24, 25, 26, 30, 42, 43 50, 51, 71, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Bands 4, 10, 41, 48, 66, 70,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 12, 85 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_5\_n38 | E-UTRA Band 1, 2, 3, 4, 5, 8, 10, 12, 13, 14, 17, 28, 29, 30, 31, 34, 40, 42, 43, 50, 51, 65, 66, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 52 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_5\_n40 | E-UTRA Band 1, 3, 5, 7, 8, 28, 31, 34, 38, 42, 43, 45, 65, 73 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 26 | 859 | - | 869 | -27 | 1 |  |
| E-UTRA Band 41, 52 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| DC\_5A\_n48A | E-UTRA Band 2, 4, 5, 12, 13, 14, 17, 24, 25, 26, 29, 30, 41, 50, 51, 66, 70, 71, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 26 | 859 | - | 869 | -27 | 1 |  |
| E-UTRA Band 41 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_5\_n66 | E-UTRA Band 1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 14, 17, 24, 25, 28, 29, 30, 34, 38, 40, 43, 45, 50, 51, 65, 66, 70, 71, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 26 | 859 | - | 869 | -27 | 1 |  |
| E-UTRA Band 41, 42, 48, 52,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_5\_n71 | E-UTRA Band 4, 5, 12, 13, 14, 17, 24, 26, 30, 48, 66, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 2, 25, 41, 70,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 29 | FDL\_low | - | FDL\_high | -38 | 1 | 5 |
| E-UTRA Band 71 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_5\_n78 | E-UTRA Band 1, 2, 3, 4, 5, 7, 8, 10, 12, 13, 14, 17, 24, 25, 28, 29, 30, 31, 34, 38, 40, 45, 65, 66, 70 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 26 | 859 | - | 869 | -27 | 1 |  |
| E-UTRA Band 41 | FDL\_low | - | FDL\_high | -50 | 1 | 7 |
| DC\_5\_n79 | Bands 1, 2, 3, 4, 5, 7, 8, 10, 12, 13, 14, 17, 24, 25, 28, 29, 30, 31, 34, 38, 40, 42, 43, 45, 48, 50, 51, 65, 66, 70, 71, 73, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 26 | 859 | - | 869 | -27 | 1 |  |
| Bands 41, 52 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_7\_n1 | Band 1, 5, 7, 8, 20, 22, 26, 27, 28, 31,32, 40, 42, 43, 50, 51, 52, 65, 67, 72, 74, 75, 76, n78,n79 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| band 3, 34 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| Frequency range | 1880 |  | 1895 | -40 | 1 | 5,16 |
| Frequency range | 1895 |  | 1915 | -15.5 | 5 | 5, 7,16 |
| Frequency range | 1915 |  | 1920 | +1.6 | 5 | 5, 7,16 |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 6, 7 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 6, 7 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 6 |
| DC\_7\_n3 | E-UTRA Band 1, 5, 7, 8, 20, 26, 27, 28, 31, 32, 33, 34, 40, 43, 50, 51, 65, 67, 68, 72, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 3 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA band 22, 42, 52  NR band n78, n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 6, 7 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 6, 7 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 6 |
| DC\_7\_n5 | E-UTRA Band 1, 2, 3, 4, 5, 7, 8, 10, 12, 13, 14, 17, 22, 26, 28, 29, 30, 31, 40, 42, 43, 50, 51, 65, 66, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 52  NR Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 7, 6 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 7, 6 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 14 |
| DC\_7\_n8 | E-UTRA Band 1, 10, 20, 28, 31, 32, 33, 34, 40, 50, 51, 65, 67, 68, 72, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 3, 7, 22, 42, 43, 52  NR Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 8 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 6, 7 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 6, 7 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 6 |
| DC\_7\_n20 | E-UTRA Band 1, 3, 7, 8, 22, 31, 32, 33, 34, 40, 43, 50, 51, 65, 67, 68, 72, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 42, 52  NR band n78, n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 20 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_7\_n28 | E-UTRA Band 2, 3, 5, 7, 8, 20, 26, 27, 31, 34, 40, 72 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 1, 4, 10, 42, 43, 50, 51, 65, 66, 74, 75, 76  NR band n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA band 1 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 10 |
| Frequency range | 758 | - | 773 | -32 | 1 | 5 |
| Frequency range | 773 | - | 803 | -50 | 1 |  |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 6, 7 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 6, 7 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 6 |
| DC\_7\_n40 | E-UTRA Band 1, 3, 5, 7, 8, 20, 22, 26, 27, 28, 31, 32, 33, 34, 42, 43, 50, 51, 52, 65, 67, 68, 72, 74, 75, 76, 77, 78 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 6, 7 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 6, 7 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 6 |
| DC\_7\_n51 | E-UTRA Band 2, 3, 5, 8, 26, 30, 31, 32, 33, 34, 40, 48, 72 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 7, 16 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 7, 16 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5 |
| E-UTRA Band 1, 4, 10, 12, 13, 14, 17, 20, 22, 23, 27, 28, 29, 42, 43, 44, 46, 65, 66, 67, 68  NR Band n77, n78, n79, | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_7\_n66 | E-UTRA Band 2, 4, 5, 7, 10, 12, 13, 14, 17, 26, 27, 28, 29, 30, 43, 50, 51, 66, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 42 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 6, 7 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 6, 7 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 6 |
| DC\_7\_n71 | E-UTRA Band 4, 5, 12, 13, 14, 17, 26, 30, 66, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 2, 70 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 29 | FDL\_low | - | FDL\_high | -38 | 1 | 5 |
| Frequency range | 2570 | - | 2575 | 1.6 | 5 | 5, 6, 7 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 6, 7 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 6 |
| DC\_7\_n77 | E-UTRA Band 1, 2, 3, 4, 5, 7, 8, 10, 11, 18, 19, 20, 21, 26, 27, 28, 31, 32, 33, 34, 40, 50, 51, 65, 66, 67, 68, 72, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 6, 7 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 6, 7 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 6 |
| DC\_7\_n78 | E-UTRA Band 1, 2, 3, 4, 5, 7, 8, 10, 11, 18, 19, 20, 21, 26, 27, 28, 31, 32, 33, 34, 40, 50, 51, 65, 66, 67, 68, 72, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 6, 7 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 6, 7 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 6 |
| DC\_8\_n1 | E-UTRA Band 20, 28, 31, 32, 38, 40, 50, 51, 65, 67, 72, 73, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 3, 7, 22, 41, 42, 43, 52  NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 1, 8, 34 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 12 |
| Frequency range | 860 | - | 890 | -40 | 1 | 5, 12 |
| Frequency range | 1880 |  | 1895 | -40 | 1 | 5, 16 |
| Frequency range | 1895 |  | 1915 | -15.5 | 5 | 5, 7, 16 |
| Frequency range | 1915 |  | 1920 | +1.6 | 5 | 5, 7, 16 |
| DC\_8\_n3 | E-UTRA Band 1, 20, 28, 31, 32, 33, 34, 38, 39, 40, 44, 50, 51, 65, 67, 72, 73, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 3, 8 | FDL\_low | - | FDL\_high | -50 | 1 | 2, 5 |
| E-UTRA band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 12 |
| E-UTRA band 7, 22, 41, 42, 43, 52  NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3.12 |
| Frequency range | 860 | - | 890 | -40 | 1 | 5. 12 |
| DC\_7\_n80 | E-UTRA Band 1, 5, 7, 8, 20, 26, 27, 28, 31, 32, 33, 34, 40, 42, 43, 50, 51, 65, 67, 68, 72, 74, 75, 76.  NR Band n79 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 3, 34 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 22, 42,  NR Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 6, 7 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 6, 7 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 6 |
| DC\_8\_n20 | E-UTRA Band 1, 31, 32, 33, 34, 40, 50, 51, 65, 67, 68, 72, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 3, 7, 22, 38, 42, 43, 52, 69  NR band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 8, 20 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| Frequency range | 758 | - | 788 | -50 | 1 |  |
| DC\_8\_n28 | E-UTRA Band 20, 31, 34, 38, 40, 72 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 3, 7, 22, 41, 42, 43, 50, 51, 65, 73, 74, 75, 76  NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 1 | FDL\_low | - | FDL\_high | -50 | 1 | 2, 9, 11 |
| E-UTRA Band 8 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 10, 12 |
| Frequency range | 470 | - | 694 | -42 | 8 | 5, 17 |
| Frequency range | 470 | - | 710 | -26.2 | 6 | 14 |
| Frequency range | 662 | - | 694 | -26.2 | 6 | 5 |
| Frequency range | 758 | - | 773 | -32 | 1 | 5 |
| Frequency range | 773 | - | 803 | -50 | 1 |  |
| Frequency range | 860 | - | 890 | -40 | 1 | 5, 12 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3, 9, 12 |
| DC\_8\_n34 | E-UTRA Band 1, 20, 28, 31, 32, 33, 38, 39, 40, 45, 50, 51, 65, 67, 69,72, 73, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 3, 7, 22, 41, 42, 43, 52  NR Band n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 8 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 12 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3, 12 |
| Frequency range | 860 | - | 890 | -40 | 1 | 5, 12 |
| DC\_8\_n39 | E-UTRA Band 1, 28, 34, 40, 45, 50, 51, 73, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| UTRA Band 22, 41, 42, 52  NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 8 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_8\_n40 | E-UTRA Band 1, 20, 28, 31, 32, 33, 34, 38, 39,, 45, 50, 51, 65, 67, 68, 69, 72, 73, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 3, 7, 22, 41, 42, 43, 52 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 8 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_8\_n41,  DC\_8\_n81\_ULSUP-TDM\_n41 | E-UTRA Band 1, 11, 21, 28, 34, 39, 40, 45, 50, 51, 65, 73, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 3, 42, 52  NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 8 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| Frequency range | 860 | - | 890 | -40 | 1 | 5, 12 |
| Frequency range | 1884.5 |  | 1915.7 | -41 | 0.3 | 3 |
| DC\_8\_n77 | E-UTRA Band 1, 20, 28, 31, 32, 33, 34, 38, 39, 40, 44, 45, 50, 51, 65, 67, 68, 69, 72, 73, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 3, 7, 41 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 8 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 12 |
| Frequency range | 860 | - | 890 | -40 | 1 | 5, 12 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3, 12 |
| DC\_8\_n78  DC\_8\_n81\_ULSUP-TDM\_n78 | E-UTRA Band 1, 8, 20, 28, 34, 39, 40, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 3, 7, 41 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 12 |
| Frequency range | 860 | - | 890 | -40 | 1 | 5, 12 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3, 12 |
| DC\_8\_n79  DC\_8\_n81\_ULSUP-TDM\_n79 | E-UTRA Band 1, 8, 28, 34, 39, 40, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 3,41,42 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 12 |
| Frequency range | 860 | - | 890 | -40 | 1 | 5, 12 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| DC\_8\_n80 | E-UTRA Band 1, 20, 28, 31, 32, 33, 34, 38, 39, 40, 45, 50, 51, 65, 67, 68, 69, 72, 73, 74, 75, 76  NR Band n79 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 3, 8 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 3, 7, 22, 41, 42, 43, 52  NR Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 13 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| DC\_8A\_93A\_ULSUP-TDM,  DC\_8A\_94A\_ULSUP-TDM | E-UTRA Band 1, 20, 28, 31, 32, 33, 34, 38, 39, 40, 45, 50, 51, 65, 67, 68, 69, 72, 73, 74, 75, 76 | FDL\_low  FDL\_low | -  - | FDL\_high  FDL\_high | -50  -50 | 1  1 | 2 |
| E-UTRA band 3, 7, 22, 41, 42, 43, 52,  NR Band n77, n78 | FDL\_low  FDL\_low | -  - | FDL\_high  FDL\_high | -50  -50 | 1  1 | 5 |
| E-UTRA 8 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_11\_n3 | E-UTRA Band 1, 11, 18, 19, 21, 28, 34, 65  NR band n79 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 3 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 42  NR band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_11\_n28 | E-UTRA Band 3, 18, 19, 34  NR band n79 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 1, 42, 65, 74  NR band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA band 1 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 11 |
| E-UTRA Band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 10 |
| Frequency range | 470 | - | 710 | -26.2 | 6 | 14 |
| Frequency range | 773 | - | 803 | -50 | 1 |  |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3, 9 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_11\_n77 | E-UTRA Band 1, 3, 18, 19, 28, 34, 65 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_11\_n78 | E-UTRA Band 1, 3, 18, 19, 28, 34, 65 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_11\_n79 | E-UTRA Band 1, 3, 18, 19, 28, 34, 42, 65 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_12\_n2 | E-UTRA Band 5, 13, 14, 17, 24, 26, 27, 30, 41, 50, 53, 71, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 12, 25, 85 | FDL\_low | - | FDL\_high | -50 | 1 | 3 |
| E-UTRA Band 2 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 4, 10, 51, 66, 70,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_12\_n5 | E-UTRA Band 2, 5, 12, 13, 14, 17, 24, 25, 26, 30, 42, 43 50, 51, 71, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Bands 4, 10, 41, 48, 66, 70,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 12, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| DC\_12\_n66 | E-UTRA Band 2, 4, 5, 13, 14, 17, 24, 25, 26, 27, 30, 41, 50, 51, 70, 71, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 4, 10, 48,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 12, 85 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 2, 5, 12, 13, 14, 17, 24, 25, 30, 42, 43 50, 51, 71, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| DC\_12\_n7 | E-UTRA Band 2, 5, 7, 13, 14, 17, 26, 27, 30, 74,  NR Band n78 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 4, 10, 50, 51,66 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 12, 85 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 6, 7 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 6, 7 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 6 |
| DC\_12\_n25 | E-UTRA Band 5, 13, 14, 17, 24, 26, 27, 30, 41, 48, 53, 71 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 4, 10, 66, 70.  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 2, 12, 25, 85 | FDL\_low | - | FDL\_high | -50 | 1 | 15 |
| Frequency range | 470 | - | 710 | -26.2 | 6 | 14 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 16 |
| Frequency range | 1880 |  | 1895 | -40 | 1 | 5,17 |
| Frequency range | 1895 |  | 1915 | -15.5 | 5 | 5, 7, 17 |
| DC\_12\_n38 | E-UTRA Band 2, 5, 13. 14. 17, 27, 30, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 4, 10, 50, 51, 66 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA band 12, 85 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_12\_n41 | E-UTRA Band 2, 5, 13, 14, 17, 24, 25, 26, 27, 30, 48, 71, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 4, 10, 50, 51, 66, 70 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA band 12, 85 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_12\_n78 | E-UTRA Band 2, 5, 7. 13, 17, 25, 26, 41, 71 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 4, 66 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA band 12 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| DC\_13\_n2 | E-UTRA Band 4, 5,12,13,17, 26, 29, 41, 48, 66, 70, 71 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 2,14, 25 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 30 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 769 | - | 775 | -35 | 0.00625 | 5 |
| Frequency range | 799 | - | 805 | -35 | 0.00625 | 5 |
| DC\_13\_n5 | E-UTRA Band 2, 4, 5, 10, 12, 13, 17, 25, 26, 29, 48, 50, 51, 53, 66, 70, 71, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 26 | 859 | - | 869 | -27 | 1 |  |
| E-UTRA Band 24, 30, 41 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 14 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| Frequency range | 769 | - | 775 | -35 | 0.00625 | 5 |
| Frequency range | 799 | - | 805 | -35 | 0.00625 | 5 |
| DC\_13\_n7 | E-UTRA Band 2, 4, 5, 7，10, 12, 13, 17,25，26, 27, 29, 50, 51, 66，74, 85  NR Band n78 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 30 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 14 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| Frequency range | 769 | - | 775 | -35 | 0.00625 | 5 |
| Frequency range | 799 | - | 805 | -35 | 0.00625 | 5 |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 6, 7 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 6, 7 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 6 |
| DC\_13A\_n48A | E-UTRA Band 2, 4, 5, 10, 12, 13, 14, 17, 25, 26, 27, 29, 30, 41, 50, 51, 66, 70, 71, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 14 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 24, 30 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 769 | - | 775 | -35 | 0.00625 | 5 |
| Frequency range | 799 | - | 805 | -35 | 0.00625 | 5 |
| DC\_13\_n66 | Bands 2, 4, 5, 7, 10, 12, 13, 17, 25, 26, 27, 29, 41, 53, 66, 70, 71, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 14 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 24, 30, 46, 48,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 769 | - | 775 | -35 | 0.00625 | 5 |
| Frequency range | 799 | - | 805 | -35 | 0.00625 | 5 |
| DC\_13A\_n71A | E-UTRA Band 4, 5, 12, 13, 17, 26, 48, 66, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 2, 24, 25, 30, 41, 70,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 29 | FDL\_low | - | FDL\_high | -38 | 1 | 5 |
| E-UTRA Band 14, 71 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| Frequency range | 769 | - | 775 | -35 | 0.00625 | 5 |
| Frequency range | 799 | - | 805 | -35 | 0.00625 | 5 |
| DC\_13\_n78 | E-UTRA Band 2, 5, 7, 12, 13, 25, 26, 41, 66 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 769 | - | 775 | -35 | 0.00625 | 5 |
| Frequency range | 799 | - | 805 | -35 | 0.00625 | 5 |
| DC\_18\_n3 | E-UTRA Band 1, 3, 11, 18, 19, 21, 28, 34, 42, 65  NR Band n79 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| NR Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_18\_n77 | E-UTRA Band 1, 3, 11, 21, 28, 34, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_18\_n78 | E-UTRA Band 1, 3, 11, 21, 28, 34, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_18\_n79 | E-UTRA Band 1, 3, 11, 21, 28, 34, 42, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_19\_n77 | E-UTRA Band 1, 3, 11, 21, 28, 34, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_19\_n78 | E-UTRA Band 1, 3, 11, 21, 28, 34, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_19\_n79 | E-UTRA Band 1, 3, 11, 21, 28, 34, 42, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_20\_n1 | E-UTRA Band 1, 3, 7, 8, 20, 22, 31, 32, 34, 40, 42, 43, 50, 51, 65, 67, 68, 72, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 1 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 38, 69  NR Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 758 | - | 788 | -50 | 1 |  |
| DC\_20\_n3 | E-UTRA Band 1, 7, 8, 31, 32, 33, 34, 40, 43, 50, 51, 65, 67, 72, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 20  E-UTRA Band 3 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 22, 38, 42, 52 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 758 | - | 788 | -50 | 1 |  |
| DC\_20\_n7 | E-UTRA Band 1, 3, 7, 8, 22, 31, 32, 33, 34, 40, 43, 50, 51, 65, 67, 68, 72, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 42, 52 NR band n78, n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 20 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_20\_n8 | E-UTRA Band 1, 3, 7, 22, 28, 31, 32, 34, 38, 42, 43, 65, 75, 76  NR bandn78 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| DC\_20\_n38 | E-UTRA Band 1, 3, 8, 22, 31, 32, 33, 34, 40, 43, 50, 51, 65, 67, 68, 72, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 42, 52 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 20 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_20\_n41 | E-UTRA Band 1, 2, 4, 10, 24, 25, 30, 31, 32, 33, 34, 39, 40, 43, 48, 50, 51, 65, 66, 70, 72, 73, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 3, 8, 12, 13, 14, 17, 42, 44, 45, 52, 67, 68, 71, 85  NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 758 | - | 788 | -50 | 1 |  |
| E-UTRA Band 9, 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 19 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3, 19 |
| DC\_20\_n28  DC\_20\_n83 | E-UTRA Band 1, 3, 7, 8, 22, 31, 32, 34, 38, 42, 43, 65, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| DC\_20A\_n50A | E-UTRA Band 2, 3, 7, 12, 17, 31, 33, 38, 39, 41, 43, 48, 52, 65, 66, 67, 68, 69, 72, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 1, 4, 5, 8, 13, 34, 38, 40, 42, 43, 65, 66, 67, 68  NR Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 758 | - | 788 | -50 | 1 |  |
| DC\_20\_n51 | E-UTRA Band 1, 3, 4, 8, 17, 22, 28, 29, 31, 40, 43, 48, 65, 66, 68, 72 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 20 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| Frequency range | 758 | - | 788 | -50 | 1 |  |
| E-UTRA Band 2, 7, 25, 32, 33, 34, 35, 36, 37, 38, 39, 41, 42, 46, 69, 70  NR Band n77, n78, n79, | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_20\_n77 | E-UTRA Band 1, 3, 7, 8, 31, 32, 33, 34, 40, 50, 51, 65, 67, 68, 72, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 20 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 38, 69 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_20\_n78,  DC\_20\_n82\_ULSUP-TDM\_n78 | E-UTRA Band 1, 3, 7, 8, 31, 32, 33, 34, 40, 50, 51, 65, 67, 68, 72, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 20 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 38, 69 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_20\_n80 | E-UTRA Band 1, 7, 8, 28, 31, 32, 33, 34, 40, 43, 50, 51, 65, 67, 68, 72, 74, 75, 76.  NR Band n79 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 3, 20 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 22, 42,  NR Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_20A\_91A\_ULSUP-TDM,  DC\_20A\_92A\_ULSUP-TDM | E-UTRA Band 1, 3, 7, 8, 22, 31, 32, 33, 34, 40, 42, 43, 50, 51, 65, 67, 68, 72, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 20 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 38, 42, 69,  NR Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 758 | - | 788 | -50 | 1 |  |
| DC\_21\_n77 | E-UTRA Band 1, 3, 18, 19, 21, 28, 34, 65 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_21\_n78 | E-UTRA Band 1, 3, 18, 19, 21, 28, 34, 65 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_21\_n79 | E-UTRA Band 1, 3, 18, 19, 21, 28, 34, 42, 65 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_25\_n41 | E-UTRA Band 4, 5, 10, 12, 13 , 14, 17, 24, 26, 27, 28, 29, 30, 42, 45, 48, 66, 70, 71 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 2, 25,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_26A\_n25A | 4, 5, 10, 12, 13, 14, 17, 24, 26, 29, 30, 42, 48, 53, 66, 70, 71, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| 2, 25 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| 41, 43 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_26\_n41 | E-UTRA Band 1, 2, 3, 4, 5, 10, 11, 12, 13 , 14, 17, 18, 19, 21, 24, 25, 26, 29, 30, 31, 34, 39, 42, 43, 48, 50, 51, 65, 66, 70, 71, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 1884.5 |  | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 703 | - | 799 | -50 | 1 |  |
| Frequency range | 799 | - | 803 | -40 | 1 | 5 |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| DC\_26\_n77 | E-UTRA Band 1, 3, 5, 11, 18, 19, 21, 26, 34, 39, 40, 41, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 703 | - | 799 | -50 | 1 |  |
| Frequency range | 799 | - | 803 | -40 | 1 | 5 |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_26\_n78 | E-UTRA Band 1, 3, 5, 11, 18, 19, 21, 26, 34, 39, 40, 41, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 703 | - | 799 | -50 | 1 |  |
| Frequency range | 799 | - | 803 | -40 | 1 | 5 |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_26\_n79 | E-UTRA Band 1, 3, 5, 11, 18, 19, 21, 26, 34, 39, 40, 41, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 703 | - | 799 | -50 | 1 |  |
| Frequency range | 799 | - | 803 | -40 | 1 | 5 |
| Frequency range | 945 | - | 960 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| Frequency range | 2545 | - | 2575 | -50 | 1 |  |
| Frequency range | 2595 | - | 2645 | -50 | 1 |  |
| DC\_28\_n3 | E-UTRA Band 1, 22, 42, 43, 50, 51, 65, 74, 75, 76,  NR Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 1 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 11 |
| E-UTRA Band 3, 5, 7, 8, 18, 19, 20, 26, 27, 31, 34, 38, 40, 41, 72, 73  NR Band n79 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 10 |
| Frequency range | 470 | - | 710 | -26.2 | 6 | 14 |
| Frequency range | 758 | - | 773 | -32 | 1 | 5 |
| Frequency range | 773 | - | 803 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3, 9 |
| DC\_28\_n5 | E-UTRA Band 2, 3, 5, 7, 8, 14, 18, 19, 24, 25, 26, 28, 30, 31, 34, 38, 40, 45, 48, 70, 71 | FDL\_low | - | FDL\_high | -50 |  |  |
| E-UTRA Band 1, 4, 10, 22, 32, 41, 42, 43, 50, 51, 52, 65, 66, 73, 74, 75, 76 NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 1 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 11 |
| E-UTRA Band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 10 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3, 9 |
| Frequency range | 470 | - | 694 | -42 | 8 | 5, 17 |
| Frequency range | 470 | - | 710 | -26.2 | 6 | 14 |
| Frequency range | 662 | - | 694 | -26.2 | 6 | 5 |
| Frequency range | 758 | - | 773 | -32 | 1 | 5 |
| Frequency range | 773 | - | 803 | -50 | 1 |  |
| Frequency range | 773 | - | 803 | -50 | 1 |  |
| DC\_28A\_n7A  DC\_28A\_n7B | E-UTRA Band 2, 3, 5, 8, 20, 26, 27, 31, 34, 40, 72 NR band n7 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 4, 10, 22, 32, 42, 43, 50, 51, 52, 65, 66, 74, 75, 76  NR band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA band 1 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 10 |
| Frequency range | 758 | - | 773 | -32 | 1 | 5 |
| Frequency range | 773 | - | 803 | -50 | 1 |  |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 6, 7 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 6, 7 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 6 |
| DC\_28\_n8 | E-UTRA Band 20, 31, 34, 38, 40, 72 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 3, 7, 22, 41, 42, 43, 50, 51, 52, 65, 73, 74, 75, 76  NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 8 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 10 |
| E-UTRA Band 1 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 11 |
| Frequency range | 470 | - | 694 | -42 | 8 | 5, 17 |
| Frequency range | 470 | - | 710 | -26.2 | 6 | 14 |
| Frequency range | 662 | - | 694 | -26.2 | 6 | 5 |
| Frequency range | 758 | - | 773 | -32 | 1 | 5 |
| Frequency range | 773 | - | 803 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3, 9 |
| DC\_28\_n40 | E-UTRA Band 3, 5, 7, 8, 20, 26, 27, 31, 34, 38, 41, 72 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA band 22, 32, 42, 43, 50, 51, 52, 65, 73, 74, 75, 76  NR Band n8, n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_28\_n41  DC\_28\_n83\_ULSUP-TDM\_n41 | E-UTRA Band 4, 10, 14, 18, 19, 20, 26, 27, 39, 42, 43, 50, 51, 52, 65, 66, 71, 73  NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 1 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 11 |
| E-UTRA Band 2, 3, 5, 8, 24, 25, 30, 31, 34, 40, 48, 70, 72 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 11, 21, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 10 |
| Frequency range | 470 | - | 694 | -42 | 8 | 5, 17 |
| Frequency range | 470 | - | 710 | -26.2 | 6 | 14 |
| Frequency range | 662 | - | 694 | -26.2 | 6 | 5 |
| Frequency range | 758 | - | 773 | -32 | 1 | 5 |
| Frequency range | 773 | - | 803 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3, 9 |
| DC\_28\_n50 | E-UTRA Band 4, 10, 40, 42, 43, 52, 65, 66, 73  NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 1 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 10 |
| E-UTRA Band 2, 3, 5, 7, 8, 18, 19, 25, 26, 27, 31, 34, 38, 39, 41, 48, 52, 72 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 470 | - | 694 | -42 | 8 | 5, 17 |
| Frequency range | 470 | - | 710 | -26.2 | 6 | 14 |
| Frequency range | 662 | - | 694 | -26.2 | 6 | 5 |
| Frequency range | 758 | - | 773 | -32 | 1 | 5 |
| Frequency range | 773 | - | 803 | -50 | 1 |  |
| DC\_28\_n51 | E-UTRA Band 2, 3, 5, 7, 8, 25, 26, 31, 34, 38, 40, 41, 66, 72 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 4, 10, 20, 22, 24, 32, 42, 43, 45, 46, 65, 66, 71, 73  NR band n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 1 | FDL\_low | - | FDL\_high | -50 | 1 | 2, 9, 10 |
| Frequency range | 470 | - | 694 | -42 | 8 | 5, 17 |
| Frequency range | 470 | - | 710 | -26.2 | 6 | 14 |
| Frequency range | 662 | - | 694 | -26.2 | 6 | 5 |
| Frequency range | 758 | - | 773 | -32 | 1 | 5 |
| Frequency range | 773 | - | 803 | -50 | 1 |  |
| DC\_28\_n77 | E-UTRA Band 3, 5, 7, 8, 18, 19, 20, 26, 34, 39, 40, 41 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 1, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 1 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 11 |
| E-UTRA Band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 10 |
| Frequency range | 758 | - | 773 | -32 | 1 |  |
| Frequency range | 773 | - | 803 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3, 9 |
| DC\_28\_n78  DC\_28\_n83\_ULSUP-TDM\_n78 | E-UTRA Band 3, 5, 7, 8, 18, 19, 20, 26, 34, 39, 40, 41 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 1, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 1 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 11 |
| E-UTRA Band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 10 |
| Frequency range | 758 | - | 773 | -32 | 1 |  |
| Frequency range | 773 | - | 803 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3, 9 |
| DC\_28\_n79 | E-UTRA Band 3, 5, 8, 18, 19, 34, 39, 40, 41, 42 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 1, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 1 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 11 |
| E-UTRA Band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 10 |
| Frequency range | 758 | - | 773 | -32 | 1 |  |
| Frequency range | 773 | - | 803 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3, 9 |
| DC\_30\_n2 | E-UTRA Band 4, 5, 10, 12, 13, 14, 17, 24, 26, 27, 28, 29, 30, 41, 42, 48, 50, 51, 53, 66, 70, 71, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 25 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 2 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 43,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_30\_n5 | E-UTRA Band 1, 2, 3, 4, 5, 7, 8, 10, 12, 13, 14, 17, 24, 25, 26, 28, 29, 30, 31, 34, 38, 42, 43, 45, 48, 50, 51, 65, 66, 70, 71, 73, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 41, 48, 52,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 18, 19 | FDL\_low | - | FDL\_high | -40 | 1 |  |
| E-UTRA Band 11, 21 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| DC\_30\_n66 | E-UTRA Band 2, 4, 5, 10, 12, 13, 14, 17, 24, 25, 26, 27, 29, 30, 38, 41, 66, 70, 71 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 48,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_38\_n78 | N/A | | | | | | |
| DC\_39\_n40 | E-UTRA Band 1, 8, 22, 26, 28, 34, 41, 42, 44, 45, 50, 51, 52, 73, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 1805 |  | 1855 | -40 | 1 | 18 |
| Frequency range | 1855 |  | 1880 | -15.5 | 5 | 5, 7, 18 |
| DC\_39-n41 | E-UTRA Band 1, 8, 26, 28, 34, 40, 42, 44, 45, 50, 51, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 1805 | - | 1855 | -40 | 1 | 5 |
| Frequency range | 1855 | - | 1880 | -15.5 | 5 | 5, 7, 19 |
| DC\_39\_n78 | E-UTRA Band 1, 8, 28, 34, 40, 41, 44, 45 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 1805 | - | 1855 | -40 | 1 | 18 |
| Frequency range | 1855 | - | 1880 | -15.5 | 5 | 18 |
| DC\_39\_n79 | E-UTRA Band 1, 8, 28, 34, 40, 41, 44, 45 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 1805 | - | 1855 | -40 | 1 | 18 |
| Frequency range | 1855 | - | 1880 | -15.5 | 5 | 18 |
| DC\_40\_n1 | E-UTRA Band 1, 3, 5, 7, 8, 20, 22, 26, 27, 28, 31, 32, 38, 41, 42, 43, 44, 45, 50, 51, 52, 65, 67, 68, 69, 72, 73, 74, 75, 76  NR Band n78 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 34 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| NR Band n77, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_40\_n41 | Bands 1, 3, 5, 8, 26, 27, 28, 34, 39, 42, 44, 45, 50, 51, 65, 73, 74, NR Band n77, n78 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| NR Band n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_40\_n77 | N/A | | | | | | |
| DC\_40\_n78 | E-UTRA Band 1, 3, 5, 7, 8, 20, 26, 27, 28, 31, 32, 33, 34, 38, 39, 41, 44, 45, 50, 51, 65, 67, 68, 69, 72, 73, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| NR Band n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_40\_n79 | Bands 1, 3, 5, 8, 11, 18, 19, 21, 28, 34, 39, 41, 42, 65 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| DC\_41\_n3 | E-UTRA Band 1, 5, 8, 26, 27, 28, 34, 39, 40, 44, 45, 50, 51, 65, 73, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 3 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 42, 52  NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| DC\_41\_n28 | E-UTRA Band 4, 10, 14, 18, 19, 20, 26, 27, 39, 42, 43, 50, 51, 52, 65, 66, 71, 73  NR Band n77, n78, n79 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 1 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 11 |
| E-UTRA Band 2, 3, 5, 8, 24, 25, 30, 31, 34, 40, 48, 70, 72 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 11, 21, 74, 75, 76 | FDL\_low | - | FDL\_high | -50 | 1 | 9, 10 |
| Frequency range | 470 | - | 694 | -42 | 8 | 5, 17 |
| Frequency range | 470 | - | 710 | -26.2 | 6 | 14 |
| Frequency range | 662 | - | 694 | -26.2 | 6 | 5 |
| Frequency range | 758 | - | 773 | -32 | 1 | 5 |
| Frequency range | 773 | - | 803 | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3, 9 |
| DC\_41\_n77 | E-UTRA Band 1, 3, 5, 8, 11, 18, 19, 21, 26, 28, 33, 34, 39, 40, 44, 45, 73, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 1884.5 |  | 1915.7 | -41 | 0.3 | 3 |
| DC\_41\_n78 | E-UTRA Band 1, 3, 5, 8, 11, 18, 19, 21, 26, 28, 34, 39, 40, 44, 45, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| DC\_41\_n79 | E-UTRA Band 1, 3, 5, 8, 11, 18, 19, 21, 26, 28, 34, 40, 42, 44, 45, 65, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| DC\_42\_n51 | E-UTRA Band 3, 8, 20, 25, 30, 31, 34, 39, 41, 73 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 1, 2, 4, 5, 6, 7, 10, 12, 13, 14, 17, 23, 24, 26, 27, 28, 29, 32, 38, 40, 44, 46, 65, 66, 67, 68, 70, 71 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_42\_n77 | N/A | | | | | | |
| DC\_42\_n78 | N/A | | | | | | |
| DC\_42\_n79 | N/A | | | | | | |
| DC\_48\_n5 | E-UTRA Band 2, 4, 5, 12, 13, 14, 17, 24, 25, 26, 29, 30, 41, 50, 51, 66, 70, 71, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| Frequency range | 1884.5 | - | 1915.7 | -41 | 0.3 | 3 |
| DC\_48\_n12 | E-UTRA Band 2, 5, 13, 14, 17, 24, 25, 26, 30, 41, 71, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 4, 50, 51, 66, 70 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 12, 85 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_48\_n66 | E-UTRA Band 2, 4, 5, 12, 13, 14, 17, 24, 25, 26, 29, 30, 41, 50, 51, 66, 70, 71, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| DC\_48\_n71 | E-UTRA Band 4, 5, 12, 13, 14, 17, 24, 26, 30, 50, 51, 53, 66, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 2, 25, 41, 70 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 29 | FDL\_low | - | FDL\_high | -38 | 1 | 5 |
| E-UTRA Band 71 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_66\_n2 | E-UTRA Band 4, 5, 10, 12, 13, 14, 17, 22, 24, 26, 27, 28, 29, 30, 41, 50, 51, 53, 66, 70, 71, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 25 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 2 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 42, 43,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_66\_n5 | E-UTRA Band 1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 14, 17, 24, 25, 26, 28, 29, 30, 34, 38, 40, 43, 45, 50, 51, 65, 66, 70, 71, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 41, 42, 48, 52,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_66\_n7 | E-UTRA Band 2, 4, 5, 7, 10, 12, 13, 14, 17, 26, 27, 28, 29, 30, 43, 50, 51, 66, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 42 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 2570 | - | 2575 | +1.6 | 5 | 5, 6, 7 |
| Frequency range | 2575 | - | 2595 | -15.5 | 5 | 5, 6, 7 |
| Frequency range | 2595 | - | 2620 | -40 | 1 | 5, 6 |
| DC\_66\_n12 | E-UTRA Band 2, 5, 13, 14, 17, 24, 25, 26, 27, 30, 41, 48, 50, 53, 66, 70, 71, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 4, 10, 51, 66, 48,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 12, 85 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_66\_n25 | E-UTRA Band 4, 5, 7, 10, 12, 13, 14, 17, 24, 26, 27, 28, 29, 30, 38, 41, 50, 51, 53, 66, 70, 71, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 42, 48,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 2 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 25 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| E-UTRA Band 43 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_66\_n41 | E-UTRA Band 2, 4, 5, 10, 12, 13, 14, 17, 24, 25, 26, 27, 28, 29, 30, 43, 50, 51, 66, 70, 71, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 42, 48,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| DC\_66\_n38 | E-UTRA Band 2，4，5，10，12，13，14，17，25, 27，28，29，30, 43，50，51，66，74，85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 42 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| Frequency range | 2620 | - | 2645 | -15.5 | 5 | 5, 7, 22 |
| Frequency range | 2645 | - | 2690 | -40 | 1 | 5, 22 |
| DC\_66A\_n48A | E-UTRA Band 2, 4, 5, 12, 13, 14, 17, 24, 25, 26, 29, 30, 41, 50, 51, 66, 70, 71, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| DC\_66\_n71 | E-UTRA Band 4, 5, 7,10, 13, 14, 17, 22, 24, 26, 27, 29, 30, 43,50, 51, 66, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 2, 25, 41, 42, 48, 70,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 71 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_66\_n78,  DC\_66\_n86\_ULSUP-TDM\_n78 | E-UTRA Band 1, 3, 5, 7, 8, 20, 26, 28, 34, 39, 40, 41, 65 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| DC\_71\_n5 | E-UTRA Band 4, 12, 13, 14, 17, 24, 26, 30, 48, 66, 85  NR Band n5 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 2, 25, 41, 70,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 29 | FDL\_low | - | FDL\_high | -38 | 1 | 5 |
| E-UTRA Band 71 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_71\_n38 | E-UTRA Band 4, 5, 12, 13, 14, 17, 30, 66, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 2 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA band 29 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_71\_n48 | E-UTRA Band 2, 4, 5, 12, 13, 14, 17, 24, 25, 26, 29, 30, 41, 50, 51, 66, 70, 71, 74, 85 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| DC\_71\_n66 | E-UTRA Band 4, 5, 7,10, 13, 14, 17, 22, 24, 26, 27, 29, 30, 43, 50, 51, 66, 74 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 2, 25, 41, 42, 48, 70,  NR Band n77 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| E-UTRA Band 71 | FDL\_low | - | FDL\_high | -50 | 1 | 5 |
| DC\_71\_n78 | E-UTRA Band 5, 26 | FDL\_low | - | FDL\_high | -50 | 1 |  |
| E-UTRA Band 41 | FDL\_low | - | FDL\_high | -50 | 1 | 2 |
| NOTE 1: FDL\_low and FDL\_high refer to each E-UTRA frequency band specified in Table 5.5-1 in TS 36.101 [4].  NOTE 2: As exceptions, measurements with a level up to the applicable requirements defined in Table 6.6.3.1-2 are permitted for each assigned E-UTRA carrier used in the measurement due to 2nd, 3rd, 4th or 5th harmonic spurious emissions. Due to spreading of the harmonic emission the exception is also allowed for the first 1 MHz frequency range immediately outside the harmonic emission on both sides of the harmonic emission. This results in an overall exception interval centred at the harmonic emission of (2 MHz + N x LCRB x 180 kHz), where N is 2, 3, 4, 5 for the 2nd, 3rd, 4th or 5th harmonic respectively. The exception is allowed if the measurement bandwidth (MBW) totally or partially overlaps the overall exception interval.  NOTE 3: Applicable when co-existence with PHS system operating in 1884.5 - 1915.7 MHz  NOTE 4: Void  NOTE 5: These requirements also apply for the frequency ranges that are less than FOOB (MHz) in Table 6.6.3.1-1 and Table 6.6.3.1A-1 from the edge of the channel bandwidth.  NOTE 6: This requirement is applicable for any channel bandwidths within the range 2500 - 2570 MHz with the following restriction: for carriers of 15 MHz bandwidth when carrier centre frequency is within the range 2560.5 - 2562.5 MHz and for carriers of 20 MHz bandwidth when carrier centre frequency is within the range 2552 - 2560 MHz the requirement is applicable only for an uplink transmission bandwidth less than or equal to 54 RB.  NOTE 7: For these adjacent bands, the emission limit could imply risk of harmful interference to UE(s) operating in the protected operating band.  NOTE 8: This requirement is applicable for any channel bandwidths within the range 1920 - 1980 MHz with the following restriction: for carriers of 15 MHz bandwidth when carrier centre frequency is within the range 1927.5 - 1929.5 MHz and for carriers of 20 MHz bandwidth when carrier centre frequency is within the range 1930 - 1938 MHz the requirement is applicable only for an uplink  NOTE 9: Applicable when the assigned E-UTRA carrier is confined within 718 MHz and 748 MHz and when the channel bandwidth used is 5 or 10 MHz.  NOTE 10: As exceptions, measurements with a level up to the applicable requirement of -38 dBm/MHz is permitted for each assigned E-UTRA carrier used in the measurement due to 2nd harmonic spurious emissions. An exception is allowed if there is at least one individual RB within the transmission bandwidth (see Figure 5.6-1) for which the 2nd harmonic totally or partially overlaps the measurement bandwidth (MBW).  NOTE 11: As exceptions, measurements with a level up to the applicable requirement of -36 dBm/MHz is permitted for each assigned E-UTRA carrier used in the measurement due to 3rd harmonic spurious emissions. An exception is allowed if there is at least one individual RB within the transmission bandwidth (see Figure 5.6-1) for which the 3rd harmonic totally or partially overlaps the measurement bandwidth (MBW).  NOTE 12: This requirement is applicable only for the following cases: A: for carriers of 5 MHz channel bandwidth when carrier centre frequency (Fc) is within the range 902.5 MHz ≤ Fc < 907.5 MHz with an uplink transmission bandwidth less than or equal to 20 RB; B: for carriers of 5 MHz channel bandwidth when carrier centre frequency (Fc) is within the range 907.5 MHz ≤ Fc ≤ 912.5 MHz without any restriction on uplink transmission bandwidth; C: for carriers of 10 MHz channel bandwidth when carrier centre frequency (Fc) is Fc = 910 MHz with an uplink transmission bandwidth less than or equal to 32 RB with RBstart > 3.  NOTE 13: Void  NOTE 14: This requirement is applicable for 5 and 10 MHz E-UTRA channel bandwidth allocated within 718-728MHz. For carriers of 10 MHz bandwidth, this requirement applies for an uplink transmission bandwidth less than or equal to 30 RB with RBstart > 1 and RBstart < 48.  NOTE 15: Void  NOTE 16: This requirement is applicable for any channel bandwidths within the range 1920 - 1980 MHz with the following restriction: for carriers of 15 MHz bandwidth when carrier centre frequency is within the range 1927.5 - 1929.5 MHz and for carriers of 20 MHz bandwidth when carrier centre frequency is within the range 1930 - 1938 MHz the requirement is applicable only for an uplink transmission bandwidth less than or equal to 54 RB.  NOTE 17: This requirement is applicable in the case of a 10 MHz E-UTRA carrier confined within 703 MHz and 733 MHz, otherwise the requirement of -25 dBm with a measurement bandwidth of 8 MHz applies.  NOTE 18: This requirement is only applicable for E-UTRA carriers with bandwidth confined within 1885 - 1920 MHz (requirement for carriers with at least 1RB confined within 1880 - 1885 MHz is not specified). This requirement applies for an uplink transmission bandwidth less than or equal to 54 RB for E-UTRA carriers of 15 MHz bandwidth when carrier center frequency is within the range 1892.5 - 1894.5 MHz and for E-UTRA carriers of 20 MHz bandwidth when carrier center frequency is within the range 1895 - 1903 MHz.  NOTE 19: Void  NOTE 20: Void.  NOTE 21: Void  NOTE 22: This requirement is applicable for power class 3 UE for any channel bandwidths within the range 2570 - 2615 MHz with the following restriction: for carriers of 15 MHz bandwidth when carrier centre frequency is within the range 2605.5 - 2607.5 MHz and for carriers of 20 MHz bandwidth when carrier centre frequency is within the range 2597 - 2605 MHz the requirement is applicable only for an uplink transmission bandwidth less than or equal to 54 RB. | | | | | | | |

NOTE: To simplify the above Table, E-UTRA band numbers are listed for bands which are specified only for E-UTRA operation or both E-UTRA and NR operation. NR band numbers are listed for bands which are specified only for NR operation.

## **<<End of Change4>>**