**3GPP TSG-RAN WG4 Meeting # 98-e *R4-2101510***

Electronic Meeting, Jan. 25-Feb. 5, 2021

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-3** | **CR** | **0460** | **rev** |  | **Current version:** | **17.0.0** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network |  |

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|  | | | | | | | | | | |
| ***Title:*** | CR on introduction of completed EN-DC of 2 bands LTE and 1 band NR from RAN4#98e into TS 38.101-3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei, HiSilicon | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | DC\_R17\_2BLTE\_1BNR\_3DL2UL-Core | | | | |  | ***Date:*** | | | 2021-02-07 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The core requirements for DC combinations are complete based on the following contributions approved at RAN4#98e:  R4-2103006  R4-2100303  R4-2100304  R4-2100305  R4-2100306  R4-2100307  R4-2100308  R4-2100309  R4-2103010  R4-2103011  R4-2103014  R4-2103015  R4-2103016  R4-2103017  R4-2103018  R4-2103019  R4-2103022  R4-2101231  R4-2101511  R4-2101520  R4-2101548  R4-2101912  R4-2101913  R4-2101914  R4-2101915  R4-2101916  R4-2101917  R4-2101918  R4-2101919  R4-2101920  R4-2101921  R4-2102050  R4-2102318  R4-2100696 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | DC combanations above are added in corresponding clauses. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | These DC combanations are not included in the spec. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5B.4.2, 5.5B.4a.2, 5.5B.5.2, 5.5B.5a.2, 6.2B.4.2.3.2, 7.3B.2.3.2, 7.3B.2.3.5.2, 7.3B.3.3.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  |  | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **X** |  | Test specifications | | | | TS 38.521 | | |
| ***(show related CRs)*** | |  |  | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

###### *------------------------------ Modified section ------------------------------*

#### 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\_n3A | DC\_1A\_n3A  DC\_3A\_n3A2 |
| 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-1A-3A\_n28A  DC\_1A-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\_n3A-n41A | DC\_1A\_n3A  DC\_1A\_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-3C\_n77A5 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_3C\_n77A |
| DC\_1A-3A\_n77(2A)  DC\_1A-3C\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_3C\_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-1A-3A\_n78A  DC\_1A-1A-3C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_1A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A |
| DC\_1A\_n3A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n77A |
| 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-5A\_n78C5  DC\_1A-1A-5A\_n78A | 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-1A-7A\_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-7A\_n78C5 | 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-7A-7A\_n78C5 | 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-8A\_n78(2A) 5 | 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\_n28A | DC\_1A\_n28A  DC\_11A\_n28A |
| 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\_n28A | DC\_1A\_n28A  DC\_18A\_n28A |
| DC\_1A-18A\_n41A | DC\_1A\_n41A  DC\_18A\_n41A |
| DC\_1A-18A\_n77A5  DC\_1A-18A\_n77(2A)5 | DC\_1A\_n77A  DC\_18A\_n77A |
| DC\_1A-18A\_n78A5  DC\_1A-18A\_n78(2A)5 | 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\_n28A | DC\_1A\_n28A  DC\_21A\_n28A |
| 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\_n28A-n41A | DC\_1A\_n28A  DC\_1A\_n41A |
| DC\_1A-28A\_n77A5  DC\_1A-28A\_n77C5 | DC\_1A\_n77A  DC\_28A\_n77A |
| DC\_1A-28A\_n78A5  DC\_1A-28A\_n78C5  DC\_1A-1A-28A\_n78A | 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\_n3A | DC\_1A\_n3A |
| DC\_1A-32A\_n28A | DC\_1A\_n28A |
| DC\_1A-32A\_n78A  DC\_1A-32A\_n78(2A) | DC\_1A\_n78A |
| DC\_1A-(n)38AA | DC\_1A\_n38A |
| DC\_1A-40A\_n78A  DC\_1A-40A\_n78(2A)  DC\_1A-40C\_n78A  DC\_1A-40C\_n78(2A) | DC\_1A\_n78A  DC\_40A\_n78A |
| DC\_1A\_n40A-n78A  DC\_1A\_n40A-n78(2A) | DC\_1A\_n40A  DC\_1A\_n78A |
| DC\_1A-41A\_n3A  DC\_1A-41C\_n3A | DC\_1A\_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\_41C\_n77A |
| DC\_1A-41A\_n77(2A)  DC\_1A-41C\_n77(2A) | DC\_1A\_n77A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_1A\_n41A-n77A | DC\_1A\_n41A  DC\_1A\_n77A |
| DC\_1A-41A\_n78A  DC\_1A-41C\_n78A | DC\_1A\_n78A  DC\_41A\_n78A  DC\_41C\_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\_n3A | DC\_1A\_n3A  DC\_42A\_n3A |
| DC\_1A-42C\_n3A | DC\_1A\_n3A  DC\_42A\_n3A  DC\_42C\_n3A |
| 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\_n28A | DC\_2A\_n28A  DC\_4A\_n28A |
| 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\_n7A | DC\_2A\_n7A  DC\_5A\_n7A |
| DC\_2A-5A\_n12A | DC\_2A\_n12A DC\_5A\_n12A |
| DC\_2A-5A\_n48A  DC\_2A-5A\_n48B | DC\_2A\_n48A  DC\_5A\_n48A |
| DC\_2A-5A\_n66A  DC\_2A-5B\_n66A | DC\_2A\_n66A  DC\_5A\_n66A |
| DC\_2A-5A-5A\_n66A  DC\_2A-2A-5A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A |
| DC\_2A-5A\_n71A | DC\_2A\_n71A  DC\_5A\_n71A |
| DC\_2A-5A\_n77A | DC\_2A\_n77A  DC\_5A\_n77A |
| DC\_2A-7A\_n5A  DC\_2A-7C\_n5A  DC\_2A-7A-7A\_n5A | DC\_2A\_n5A  DC\_7A\_n5A |
| DC\_2A-7A\_n7A | DC\_2A\_n7A DC\_7A\_n7A2 |
| DC\_2A-7A\_n28A | DC\_2A\_n28A  DC\_7A\_n28A |
| DC\_2A\_n5A-n77A | DC\_2A\_n5A  DC\_2A\_ n77A |
| DC\_2A-7A\_n38A | 2A8 |
| DC\_2A-2A-7A\_n38A | 2A8 |
| DC\_2A-7A\_n66A  DC\_2A-7C\_n66A  DC\_2A-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\_n7A-n66A  DC\_2A\_n7(2A)-n66A | DC\_2A\_n7A  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\_n77A  DC\_2A-7C\_n77A  DC\_2A-7A-7A\_n77A  DC\_2A-7A\_n77(2A)  DC\_2A-7C\_n77(2A)  DC\_2A-7A-7A\_n77(2A) | DC\_2A\_n77A  DC\_7A\_n77A |
| 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-2A-7A\_n78A | DC\_2A\_n78A  DC\_7A\_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-8A\_n2A | DC\_2A\_n2A2  DC\_8A\_n2A |
| DC\_2A-12A\_n2A | DC\_12A\_n2A |
| DC\_2A-12A\_n5A | DC\_2A\_n5A  DC\_12A\_n5A |
| DC\_2A\_(n)12AA | DC\_2A\_n12A  DC\_(n)12AA2 |
| DC\_2A-12A\_n41A  DC\_2A-2A-12A\_n41A | DC\_2A\_n41A DC\_12A\_n41A |
| 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-12A\_n78A  DC\_2A-2A-12A\_78A | DC\_2A\_n78A DC\_12A\_n78A |
| DC\_2A-13A\_n5A | DC\_2A\_n5A |
| DC\_2A-2A-13A\_n5A | DC\_2A\_n5A |
| DC\_2A-13A\_n48A  DC\_2A-13A\_n48B | DC\_2A\_n48A  DC\_13A\_n48A |
| DC\_2A-13A\_n66A | DC\_2A\_n66A  DC\_13A\_n66A |
| DC\_2A-2A-13A\_n66A | DC\_2A\_n66A  DC\_13A\_n66A |
| DC\_2A-13A\_n77A | DC\_2A\_n77A  DC\_13A\_n77A |
| 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-28A\_n7A | DC\_2A\_n7A DC\_28A\_n7A |
| DC\_2A-28A\_n66A | DC\_2A\_n66A  DC\_28A\_n66A |
| DC\_2A-29A\_n66A | DC\_2A\_n66A |
| DC\_2A-2A-29A\_n66A | DC\_2A\_n66A |
| DC\_2A-29A\_n78A | DC\_2A\_n78A |
| 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-n66A | DC\_2A\_n38A  DC\_2A\_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\_n5A | DC\_2A\_n5A  DC\_48A\_n5A |
| DC\_2A\_n48A-n66A | DC\_2A\_n48A  DC\_2A\_n66A |
| DC\_2A-48A\_n71A | DC\_2A\_n71A  DC\_48A\_n71A |
| DC\_2A-48A\_n12A | DC\_2A\_n12A  DC\_48A\_n12A |
| DC\_2A-48A\_n48A | DC\_2A\_n48A |
| DC\_2A-48A\_n66A | DC\_2A\_n66A  DC\_48A\_n66A |
| DC\_2A-48A\_n77A | DC\_2A\_n77A  DC\_48A\_n77A |
| DC\_2A-66A\_n5A  DC\_2A-66B\_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\_n7A  DC\_2A-66A-66A\_n7A | DC\_2A\_n7A  DC\_66A\_n7A |
| DC\_2A-66A\_n12A | DC\_2A\_n12A  DC\_66A\_n12A |
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| DC\_2A-66A\_n28A | DC\_2A\_n28A  DC\_66A\_n28A |
| 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-66A-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\_n77A | DC\_2A\_n77A  DC\_66A\_n77A |
| DC\_2A\_n66A-n77A  DC\_2A-2A\_n66A-n77A | DC\_2A\_ n77A |
| DC\_2A-66A\_n78A  DC\_2A-66A\_n78(2A) | DC\_2A\_n78A  DC\_66A\_n78A |
| DC\_2A\_n66A-n78A  DC\_2A\_n66A-n78(2A)  DC\_2A\_n66(2A)-n78A  DC\_2A\_n66(2A)-n78(2A) | 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\_n41A  DC\_2A-2A-71A\_n41A | DC\_2A\_n41A DC\_71A\_n41A |
| DC\_2A-71A\_n66A | DC\_2A\_n66A  DC\_71A\_n66A |
| DC\_2A-2A-71A\_n66A | DC\_2A\_n66A  DC\_71A\_n66A |
| DC\_2A-71A\_n71A | DC\_2A\_n71A |
| 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\_3C\_n1A  DC\_3A\_n78A  DC\_3C\_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-n41A | DC\_3A\_n41A  DC\_3A\_n3A2 |
| 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\_3C-5A\_n78A  DC\_3A-5A\_n78C5 | 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-7A\_n78C5 | 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-7A-7A\_n78C5 | 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\_n40A | DC\_3A\_n40A DC\_8A\_n40A |
| DC\_3A-8A\_n77A  DC\_3C-8A\_n77A | DC\_3A\_n77A  DC\_3C\_n77ADC\_8A\_n77A |
| DC\_3A-8A\_n77(2A)  DC\_3C-8A\_n77(2A) | DC\_3A\_n77A  DC\_3C\_n77A  DC\_8A\_n77A |
| DC\_3A-8A\_n78A  DC\_3A-8A\_n78(2A)  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-11A\_n28A | DC\_3A\_n28A  DC\_11A\_n28A |
| DC\_3A-11A\_n77A | DC\_3A\_n77A  DC\_11A\_n77A |
| DC\_3A-11A\_n77(2A) | DC\_3A\_n77A  DC\_11A\_n77A |
| DC\_3A-18A\_n3A | DC\_3A\_n3A2  DC\_18A\_n3A |
| DC\_3A-18A\_n28A | DC\_3A\_n28A  DC\_18A\_n28A |
| DC\_3A-18A\_n41A | DC\_3A\_n41A  DC\_18A\_n41A |
| DC\_3A-18A\_n77A  DC\_3A-18A\_n77(2A) | DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_3A-18A\_n78A  DC\_3A-18A\_n78(2A) | DC\_3A\_n78A  DC\_18A\_n78A |
| DC\_3A-18A\_n79A | DC\_3A\_n79A  DC\_18A\_n79A |
| DC\_3A-19A\_n1A | DC\_3A\_n1A  DC\_19A\_n1A |
| 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 |
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| 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 |
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| 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\_3C\_n78A  DC\_20A\_n78A |
| DC\_3A\_n20A-n78A | DC\_3A\_n20A  DC\_3A\_n78A |
| DC\_3A-21A\_n1A10,11 | DC\_3A\_n1A  DC\_21A\_n1A |
| DC\_3A-21A\_n28A | DC\_3A\_n28A  DC\_21A\_n28A |
| 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\_n1A | DC\_28A\_n1A  DC\_3A\_n1A |
| 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\_n28A-n41A | DC\_3A\_n28A  DC\_3A\_n41A |
| 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\_n1A | DC\_3A\_n1A |
| 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-40C\_n1A | DC\_3A\_n1A  DC\_40A\_n1A |
| DC\_3A\_n40A-n41A | DC\_3A\_n40A  DC\_3A\_n41A |
| DC\_3A-40A\_n78A  DC\_3A-40A\_n78(2A)  DC\_3A-40C\_n78A  DC\_3A-40C\_n78(2A) | DC\_3A\_n78A  DC\_40A\_n78A |
| DC\_3A\_n40A-n78A | DC\_3A\_n40A  DC\_3A\_n78A |
| DC\_3A\_n40A-n79A | DC\_3A\_n40A  DC\_3A\_n79A |
| DC\_3A-41A\_n3A  DC\_3A-41C\_n3A | DC\_3A\_n3A2  DC\_41A\_n3A  DC\_41C\_n3A |
| 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\_(n)41AA |
| DC\_3A-41A\_n77A  DC\_3A-41C\_n77A | DC\_3A\_n77A  DC\_41A\_n77A  DC\_41C\_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 |
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| 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-n77A | DC\_3A\_n41A  DC\_3A\_n77A |
| 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\_4A-7A\_n28A | DC\_4A\_n28A  DC\_7A\_n28A |
| DC\_5A-7A\_n7A | DC\_5A\_n7A DC\_7A\_n7A2 |
| DC\_5A-7A\_n66A  DC\_5A-7C\_n66A | DC\_5A\_n66A  DC\_7A\_n66A |
| DC\_5A-7A\_n71A | DC\_5A\_n71A  DC\_7A\_n71A |
| DC\_5A-7A\_n78A  DC\_5A-7A\_n78C | 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-7A-7A\_n78C | 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-46A\_n66A | DC\_5A\_n66A  DC\_46A\_n66A |
| DC\_5A-48A\_n12A | DC\_5A\_n12A  DC\_48A\_n12A |
| DC\_5A-48A\_n71A | DC\_5A\_n71A  DC\_48A\_n71A |
| 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\_n7A  DC\_5A-66A-66A\_n7A | DC\_5A\_n7A  DC\_66A\_n7A |
| DC\_5A-66A\_n12A | DC\_5A\_n12A DC\_66A\_n12A |
| DC\_5A-66A\_n48A  DC\_5A-66A\_n48B  DC\_5A-66A-66A\_n48A  DC\_5A-66A-66A\_n48B | DC\_5A\_n48A  DC\_66A\_n48A |
| 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\_n77A | DC\_5A\_n77A  DC\_66A\_n77A |
| 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\_5A-13A\_n66A | DC\_5A\_n66A  DC\_13A\_n66A |
| 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  DC\_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-8A\_n28A | DC\_7A\_n28A  DC\_8A\_n28A |
| DC\_7A-8A\_n40A | DC\_7A\_n40A  DC\_8A\_n40A |
| 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-8A\_n78(2A) | 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-12A\_n66A | DC\_7A\_n66A DC\_12A\_n66A |
| DC\_7A-12A\_n78A | DC\_7A\_n78A DC\_12A\_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-25A\_n77A  DC\_7A-7A-25A\_n77A  DC\_7C-25A\_n77A  DC\_7C-25A-25A\_n77A  DC\_7A-25A-25A\_n77A  DC\_7A-7A-25A-25A\_n77A | DC\_7A\_n77A  DC\_25A\_n77A |
| DC\_7A-25A\_n78A  DC\_7A-7A-25A\_n78A  DC\_7C-25A\_n78A  DC\_7A-25A-25A\_n78A  DC\_7A-7A-25A-25A\_n78A  DC\_7C-25A-25A\_n78A | DC\_7A\_n78A  DC\_25A\_n78A |
| DC\_7A-28A\_n1A | DC\_28A\_n1A  DC\_7A\_n1A |
| DC\_7A-28A\_n2A | DC\_7A\_n2A  DC\_28A\_n2A |
| 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\_n66A  DC\_7C-28A\_n66A | DC\_7A\_n66A  DC\_28A\_n66A |
| 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-32A\_n1A | DC\_7A\_n1A |
| DC\_7A-32A\_n28A | DC\_7A\_n28A |
| DC\_7A-32A\_n78A | DC\_7A\_n78A |
| DC\_7A-40A\_n1A  DC\_7A-40C\_n1A | DC\_7A\_n1A  DC\_40A\_n1A |
| DC\_7A-40A\_n78A  DC\_7A-40A\_n78(2A)  DC\_7A-40C\_n78A  DC\_7A-40C\_n78(2A) | DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_7A\_n40A-n78A | DC\_7A\_n40A  DC\_7A\_n78A |
| DC\_7A-46A\_n78A3  DC\_7A-46C\_n78A3  DC\_7A-46D\_n78A3  DC\_7A-46E\_n78A3 | DC\_7A\_n78A |
| DC\_7A-66A\_n5A  DC\_7C-66A\_n5A  DC\_7A-66A-66A\_n5A  DC\_7C-66A-66A\_n5A  DC\_7A-7A-66A\_n5A  DC\_7A-7A-66A-66A\_n5A | DC\_7A\_n5A  DC\_66A\_n5A |
| DC\_7A-66A\_n7A  DC\_7A-66A-66A\_n7A | DC\_7A\_n7A2  DC\_66A\_n7A |
| DC\_7A-66A\_n28A | DC\_7A\_n28A  DC\_66A\_n28A |
| DC\_7A-66A\_n38A | 66A9 |
| DC\_7A-66A\_n66A  DC\_7C-66A\_n66A  DC\_7A-7A-66A\_n66A  DC\_7A-66A-66A\_n66A  DC\_7A-7A-66A-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-66A\_n77A  DC\_7A-7A-66A\_n77A  DC\_7A-7A-66A\_n77(2A)  DC\_7A-66A\_n77(2A)  DC\_7C-66A\_n77A  DC\_7C-66A\_n77(2A) | DC\_7A\_n77A  DC\_66A\_n77A |
| 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-71A\_n66A | DC\_7A\_n66A DC\_71A\_n66A |
| DC\_7A-71A\_n78A | DC\_7A\_n78A DC\_71A\_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\_n3A-n77A | DC\_8A\_n3A  DC\_8A\_n77A |
| DC\_8A\_n3A-n77(2A) | DC\_8A\_n3A  DC\_8A\_n77A |
| DC\_8A-11A\_n3A | DC\_8A\_n3A  DC\_11A\_n3A |
| DC\_8A-11A\_n28A | DC\_8A\_n28A  DC\_11A\_n28A |
| 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-32A\_n1A | DC\_8A\_n1A |
| DC\_8A-40A\_n1A  DC\_8A-40C\_n1A | DC\_8A\_n1A  DC\_40A\_n1A |
| DC\_8A\_n40A-n41A | DC\_8A\_n40A  DC\_8A\_n41A |
| DC\_8A-40A\_n78A  DC\_8A-40A\_n78(2A)  DC\_8A-40C\_n78A  DC\_8A-40C\_n78(2A) | DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_8A\_n40A-n78A | DC\_8A\_n40A  DC\_8A\_n78A |
| DC\_8A\_n40A-n79A | DC\_8A\_n40A  DC\_8A\_n79A |
| DC\_8A\_n41A-n79A | DC\_8A\_n41A  DC\_8A\_n79A |
| DC\_8A-42A\_n3A | DC\_8A\_n3A  DC\_42A\_n3A |
| DC\_8A-42C\_n3A | DC\_8A\_n3A  DC\_42A\_n3A  DC\_42C\_n3A |
| 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\_n41A,  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\_n3A-n28A | DC\_11A\_n3A  DC\_11A\_n28A |
| DC\_11A\_n3A-n77A  DC\_11A\_n3A-n77(2A) | DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_11A-18A\_n77A | DC\_11A\_n77A  DC\_18A\_n77A |
| DC\_11A-18A\_n78A | DC\_11A\_n78A  DC\_18A\_n78A |
| DC\_11A\_n28A-n77A  DC\_11A\_n28A-n77(2A) | DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_12A\_(n)5AA | DC\_12A\_n5A  DC\_(n)5AA2 |
| DC\_12A\_n7A-n66A  DC\_12A\_n7(2A)-n66A | DC\_12A\_n7A  DC\_12A\_n66A |
| 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-48A\_n5A | DC\_12A\_n5A  DC\_48A\_n5A |
| DC\_12A-66A\_n2A | DC\_12A\_n2A  DC\_66A\_n2A |
| DC\_12A-66A-66A\_n2A | DC\_12A\_n2A  DC\_66A\_n2A |
| DC\_12A-66A\_n5A | DC\_12A\_n5A  DC\_66A\_n5A |
| DC\_12A-66A\_n25A | DC\_12A\_n25A  DC\_66A\_n25A |
| DC\_12A-66A\_n41A | DC\_12A\_n41A DC\_66A\_n41A |
| DC\_12A-66A\_n66A | DC\_12A\_n66A  DC\_66A\_n66A2 |
| DC\_12A-66A\_n78A | DC\_12A\_n78A DC\_66A\_n78A |
| DC\_13A\_n2A-n77A | DC\_13A\_n2A  DC\_13A\_ n77A |
| DC\_13A\_n5A-n48A | DC\_13A\_ n48A |
| DC\_13A-46A\_n5A | DC\_13A\_n5A |
| DC\_13A\_n48A-n66A | DC\_13A\_n48A  DC\_13A\_n66A |
| DC\_13A-66A\_n2A | DC\_13A\_n2A  DC\_66A\_n2A |
| DC\_13A-66A-66A\_n2A | DC\_13A\_n2A  DC\_66A\_n2A |
| DC\_13A-66A\_n5A | DC\_13A\_n5A  DC\_66A\_n5A |
| 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\_13A-66A\_n77A | DC\_13A\_n77A  DC\_66A\_n77A |
| DC\_13A\_n66A-n77A | DC\_13A\_n66A  DC\_13A\_n77A |
| DC\_18A\_n3A-n78A | DC\_18A\_n3A  DC\_18A\_n78A |
| DC\_13A-48A\_n2A  DC\_13A-48C\_n2A  DC\_13A-48D\_n2A  DC\_13A-48E\_n2A | DC\_13A\_n2A |
| DC\_13A-48A\_n66A  DC\_13A-48C\_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\_n3A-n41A | DC\_18A\_n3A  DC\_18A\_n41A |
| DC\_18A\_n28A-n41A | DC\_18A\_n28A  DC\_18A\_n41A |
| DC\_18A-28A\_n77A5 | DC\_18A\_n77A  DC\_28A\_n77A |
| DC\_18A\_n28A-n77A5 | DC\_18A\_n28A  DC\_18A\_n77A |
| DC\_18A-28A\_n78A5 | DC\_18A\_n78A  DC\_28A\_n78A |
| DC\_18A\_n28A-n78A5 | DC\_18A\_n28A  DC\_18A\_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\_n41A-n77A | DC\_18A\_n41A  DC\_18A\_n77A |
| DC\_18A-42A\_n77A  DC\_18A-42C\_n77A | DC\_18A\_n77A |
| DC\_18A\_n41A-n78A | DC\_18A\_n41A  DC\_18A\_n78A |
| 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\_n1A | DC\_19A\_n1A  DC\_21A\_n1A |
| DC\_19A\_n1A-n77A | DC\_19A\_n1A  DC\_19A\_n77A |
| DC\_19A\_n1A-n78A | DC\_19A\_n1A  DC\_19A\_n78A |
| DC\_19A\_n1A-n79A | DC\_19A\_n1A  DC\_19A\_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\_n1A10,12  DC\_19A-42C\_n1A10,12 | DC\_19A\_n1A  DC\_42A\_n1A |
| 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-28A\_n3A | DC\_20A\_n3A  DC\_28A\_n3A |
| DC\_20A\_n28A-n75A6 | DC\_20A\_n28A |
| DC\_20A\_n28A-n78A5,6 | DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_20A-32A\_n1A | DC\_20A\_n1A |
| DC\_20A-32A\_n3A | DC\_20A\_n3A |
| DC\_20A-32A\_n28A | DC\_20A\_n28A |
| 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-40A\_n78A | DC\_20A\_n78A  DC\_40A\_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\_n1A-n77A | DC\_21A\_n1A  DC\_21A\_n77A |
| DC\_21A\_n1A-n78A | DC\_21A\_n1A  DC\_21A\_n78A |
| DC\_21A\_n1A-n79A | DC\_21A\_n1A  DC\_21A\_n79A |
| 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\_n1A10,12  DC\_21A-42C\_n1A10,12 | DC\_21A\_n1A  DC\_42A\_n1A |
| 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\_28A-66A\_n7A | DC\_28A\_n7A DC\_66A\_n7A |
| DC\_28A-66A\_n66A | DC\_28A\_n66A  DC\_66A\_n66A2 |
| 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\_25A-66A\_n77A  DC\_25A-25A-66A\_n77A | DC\_25A\_n77A  DC\_66A\_n77A |
| DC\_25A-66A\_n78A  DC\_25A-25A-66A\_n78A | DC\_25A\_n78A  DC\_66A\_n78A |
| 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\_n1A-n40A | DC\_28A\_n1A  DC\_28A\_n40A |
| DC\_28A\_n1A-n78A | DC\_28A\_n1A  DC\_28A\_n78A |
| 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\_29A-66A\_n78A | DC\_66A\_n78A |
| 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-n41A | DC\_41A\_n3A  DC\_41A\_n41A |
| 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-n41A | DC\_41A\_n28A |
| 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\_n41A-n77A | DC\_41A\_n77A |
| DC\_41A\_n41A-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\_n77(2A)  DC\_41A-42C\_n77(2A) | 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\_n1A-n77A  DC\_42C\_n1A-n77A | N/A |
| DC\_42A\_n1A-n78A  DC\_42C\_n1A-n78A | N/A |
| DC\_42A\_n1A-n79A  DC\_42C\_n1A-n79A | N/A |
| DC\_42A\_n3A-n28A | DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_42C\_n3A-n28A | DC\_42A\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_42A\_n3A-n77A  DC\_42A\_n3A-n77(2A) | DC\_42A\_n3A |
| DC\_42C\_n3A-n77A  DC\_42C\_n3A-n77(2A) | DC\_42A\_n3A  DC\_42C\_n3A |
| 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\_n25A-n48A | DC\_48A\_n25A |
| DC\_48A\_n48A-n66A | DC\_48A\_n66A |
| DC\_48A-66A\_n5A  DC\_48C-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\_n25A  DC\_48C-66A\_n25A  DC\_48D-66A\_n25A | DC\_48A\_n25A  DC\_66A\_n25A |
| DC\_48A-66A\_n48A | DC\_66A\_n48A |
| DC\_48A-66A\_n71A | DC\_48A\_n71A  DC\_66A\_n71A |
| DC\_66A-(n)5AA | DC\_66A\_n5A  DC\_(n)5AA2 |
| DC\_66A\_n2A-n77A | DC\_66A\_n2A  DC\_66A\_n77A |
| DC\_66A\_n5A-n48A | DC\_66A\_n5A  DC\_66A\_n48A |
| DC\_66A\_n5A-n77A  DC\_66A-66A\_n5A-n77A | DC\_66A\_n5A  DC\_66A\_ n77A |
| 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-n66A | DC\_66A\_n38A  DC\_66A\_n66A2 |
| DC\_66A\_n38A-n78A | DC\_66A\_n38A  DC\_66A\_n78A |
| DC\_66A\_n66A-n77A | DC\_66A\_n77A |
| 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\_n25A-n48A | DC\_66A\_n25A  DC\_66A\_n48A |
| 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\_n41A | DC\_66A\_n41A DC\_71A\_n41A |
| DC\_66A-71A\_n66A | DC\_71A\_n66A  DC\_66A\_n66A2 |
| DC\_66A-71A\_n71A | DC\_66A\_n71A |
| 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.  NOTE 10: The frequency range in band n1 is restricted for this band combination to 1940 - 1960 MHz for the UL and 2130-2150 MHz for the DL.  NOTE 11: The frequency range in band 3 is restricted for this band combination to 1765 - 1785 MHz for the UL and 1860-1880 MHz for the DL.  NOTE 12: The frequency range in band 42 is restricted for this band combination to 3440 - 3520 MHz. | |

#### 5.5B.4a.2 Inter-band NE-DC configurations within FR1 (three bands)

Table 5.5B.4a.2-1: Inter-band NE-DC configurations within FR1 (three bands)

|  |  |
| --- | --- |
| NE-DC  configuration | Uplink NE-DC  configuration  (NOTE 1) |
| DC\_n78A\_1A-3A | DC\_n78A\_1A  DC\_n78A\_3A |
| DC\_n78A\_1A-3C | DC\_n78A\_1A  DC\_n78A\_3A |
| DC\_n78A\_1A-5A | DC\_n78A\_1A  DC\_n78A\_5A |
| DC\_n78A\_1A-7A | DC\_n78A\_1A  DC\_n78A\_7A |
| DC\_n78A\_1A-7A-7A | DC\_n78A\_1A  DC\_n78A\_7A |
| DC\_n78A\_1A-8A | DC\_n78A\_1A  DC\_n78A\_8A |
| DC\_n78A\_3A-5A | DC\_n78A\_3A  DC\_n78A\_5A |
| DC\_n78A\_3A-7A | DC\_n78A\_3A  DC\_n78A\_7A |
| DC\_n78A\_3A-7A-7A | DC\_n78A\_3A  DC\_n78A\_7A |
| DC\_n78A\_3A-8A | DC\_n78A\_3A  DC\_n78A\_8A |
| DC\_n78A\_3C-8A | DC\_n78A\_3A  DC\_n78A\_8A |
| DC\_n78A\_5A-7A | DC\_n78A\_5A  DC\_n78A\_7A |
| DC\_n78A\_5A-7A-7A | DC\_n78A\_5A  DC\_n78A\_7A |
| NOTE 1: Uplink NE-DC configurations are the configurations supported by the present release of specifications. | |

###### *------------------------------ Modified section ------------------------------*

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

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

| EN-DC configuration | Uplink EN-DC configuration (NOTE 1) |
| --- | --- |
| DC\_1A-3A\_n257A2  DC\_1A-3A\_n257D2  DC\_1A-3A\_n257E2  DC\_1A-3A\_n257F2  DC\_1A-3A\_n257G  DC\_1A-3A\_n257H  DC\_1A-3A\_n257I  DC\_1A-3A\_n257J  DC\_1A-3A\_n257K  DC\_1A-3A\_n257L  DC\_1A-3A\_n257M  DC\_1A-3C\_n257A  DC\_1A-3C\_n257D  DC\_1A-3C\_n257E  DC\_1A-3C\_n257F  DC\_1A-3C\_n257G  DC\_1A-3C\_n257H  DC\_1A-3C\_n257I  DC\_1A-3C\_n257J  DC\_1A-3C\_n257K  DC\_1A-3C\_n257L  DC\_1A-3C\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M |
| DC\_1A-5A\_n257A2  DC\_1A-5A\_n257D  DC\_1A-5A\_n257E  DC\_1A-5A\_n257F  DC\_1A-5A\_n257G  DC\_1A-5A\_n257H  DC\_1A-5A\_n257I  DC\_1A-5A\_n257J  DC\_1A-5A\_n257K  DC\_1A-5A\_n257L  DC\_1A-5A\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_5A\_n257A  DC\_5A\_n257D  DC\_5A\_n257G  DC\_5A\_n257H  DC\_5A\_n257I |
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| DC\_2A-5A\_n261(A-G)  DC\_2A-5A\_n261(A-H)  DC\_2A-5A\_n261(A-J)  DC\_2A-5A\_n261(A-K)  DC\_2A-5A\_n261(2A-G)  DC\_2A-5A\_n261(A-L)  DC\_2A-5A\_n261(2A-H)  DC\_2A-5A\_n261(2A-I)  DC\_2A-5A\_n261(A-G-H)  DC\_2A-5A\_n261(A-G-I)  DC\_2A-5A\_n261(3A-G)  DC\_2A-5A\_n261(G-H)  DC\_2A-5A\_n261(G-I)  DC\_2A-5A\_n261(G-J)  DC\_2A-5A\_n261(2G)  DC\_2A-5A\_n261(2H)  DC\_2A-5A\_n261(H-I) | DC\_2A\_n261A  DC\_5A\_n261A |
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| DC\_2A-13A\_n260(2A)  DC\_2A-13A\_n260(3A)  DC\_2A-13A\_n260(4A)  DC\_2A-13A\_n260(5A)  DC\_2A-13A\_n260(6A)  DC\_2A-13A\_n260(2G)  DC\_2A-13A\_n260(2H)  DC\_2A-13A\_n260(A-G)  DC\_2A-13A\_n260(A-H)  DC\_2A-13A\_n260(A-2G)  DC\_2A-13A\_n260(2A-G)  DC\_2A-13A\_n260(2A-2G)  DC\_2A-13A\_n260(3A-G)  DC\_2A-13A\_n260(G-H) | DC\_2A\_n260A  DC\_13A\_n260A |
| DC\_2A-13A\_n260I  DC\_2A-13A\_n260J  DC\_2A-13A\_n260K  DC\_2A-13A\_n260L  DC\_2A-13A\_n260M | DC\_2A\_n260I  DC\_13A\_n260I |
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| DC\_2A-13A\_n261I  DC\_2A-13A\_n261J  DC\_2A-13A\_n261K  DC\_2A-13A\_n261L  DC\_2A-13A\_n261M  DC\_2A-13A\_n261(A-G)  DC\_2A-13A\_n261(A-H)  DC\_2A-13A\_n261(A-J)  DC\_2A-13A\_n261(A-L)  DC\_2A-13A\_n261(2A-G)  DC\_2A-13A\_n261(2A-H)  DC\_2A-13A\_n261(A-G-H)  DC\_2A-13A\_n261(A-G-I)  DC\_2A-13A\_n261(3A-G)  DC\_2A-13A\_n261(2G)  DC\_2A-13A\_n261(2H)  DC\_2A-13A\_n261(G-H)  DC\_2A-13A\_n261(G-I)  DC\_2A-13A\_n261(H-I)  DC\_2A-2A-13A\_n261A  DC\_2A-2A-13A\_n261I  DC\_2A-2A-13A\_n261M | DC\_2A\_n261G  DC\_13A\_n261G |
| DC\_2A-13A\_n261I  DC\_2A-13A\_n261J  DC\_2A-13A\_n261K  DC\_2A-13A\_n261L  DC\_2A-13A\_n261M  DC\_2A-13A\_n261(A-H)  DC\_2A-13A\_n261(A-J)  DC\_2A-13A\_n261(A-L)  DC\_2A-13A\_n261(2A-H)  DC\_2A-13A\_n261(A-G-H)  DC\_2A-13A\_n261(A-G-I)  DC\_2A-13A\_n261(G-H)  DC\_2A-13A\_n261(G-I)  DC\_2A-13A\_n261(2H)  DC\_2A-13A\_n261(H-I)  DC\_2A-2A-13A\_n261I  DC\_2A-2A-13A\_n261M | DC\_2A\_n261H  DC\_13A\_n261H |
| DC\_2A-13A\_n261(A-L)  DC\_2A-13A\_n261(A-G-I)  DC\_2A-2A-13A\_n261I  DC\_2A-2A-13A\_n261M | DC\_2A\_n261I  DC\_13A\_n261I |
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| DC\_2A-46A\_n261I  DC\_2A-46A\_n261L  DC\_2A-46A\_n261M  DC\_2A-46A\_n261(A-H)  DC\_2A-46A\_n261(A-L)  DC\_2A-46A\_n261(G-H)  DC\_2A-46A\_n261(2H)  DC\_2A-46A-46A\_n261I  DC\_2A-46A-46A\_n261L  DC\_2A-46A-46A\_n261M  DC\_2A-46A-46A\_n261(A-H)  DC\_2A-46A-46A\_n261(A-L)  DC\_2A-46A-46A\_n261(G-H)  DC\_2A-46A-46A\_n261(2H)  DC\_2A-46A-46A-46A\_n261I  DC\_2A-46A-46A-46A\_n261L  DC\_2A-46A-46A-46A\_n261M  DC\_2A-46A-46A-46A\_n261(A-H)  DC\_2A-46A-46A-46A\_n261(A-L)  DC\_2A-46A-46A-46A\_n261(G-H)  DC\_2A-46A-46A-46A\_n261(2H) | DC\_2A\_n261G |
| DC\_2A-46A\_n261I  DC\_2A-46A\_n261L  DC\_2A-46A\_n261M  DC\_2A-46A\_n261(2H)  DC\_2A-46A\_n261(A-H)  DC\_2A-46A\_n261(A-L)  DC\_2A-46A\_n261(G-H)  DC\_2A-46A-46A\_n261I  DC\_2A-46A-46A\_n261L  DC\_2A-46A-46A\_n261M  DC\_2A-46A-46A\_n261(A-H)  DC\_2A-46A-46A\_n261(A-L)  DC\_2A-46A-46A\_n261(G-H)  DC\_2A-46A-46A\_n261(2H)  DC\_2A-46A-46A-46A\_n261I  DC\_2A-46A-46A-46A\_n261L  DC\_2A-46A-46A-46A\_n261M  DC\_2A-46A-46A-46A\_n261(A-H)  DC\_2A-46A-46A-46A\_n261(A-L)  DC\_2A-46A-46A-46A\_n261(G-H)  DC\_2A-46A-46A-46A\_n261(2H) | DC\_2A\_n261H |
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| DC\_2A-66A\_n257A2  DC\_2A-66A\_n257(2A) | DC\_2A\_n257A  DC\_66A\_n257A |
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| DC\_2A-66A\_n260(2A)  DC\_2A-66A\_n260(3A)  DC\_2A-66A\_n260(4A)  DC\_2A-66A\_n260(5A)  DC\_2A-66A\_n260(6A)  DC\_2A-66A\_n260(2G)  DC\_2A-66A\_n260(2H)  DC\_2A-66A\_n260(A-G)  DC\_2A-66A\_n260(A-H)  DC\_2A-66A\_n260(A-2G)  DC\_2A-66A\_n260(2A-G)  DC\_2A-66A\_n260(2A-2G)  DC\_2A-66A\_n260(3A-G)  DC\_2A-66A\_n260(G-H) | DC\_2A\_n260A  DC\_66A\_n260A |
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| DC\_2A-66A\_n261G  DC\_2A-66A\_n261H  DC\_2A-66A\_n261I  DC\_2A-66A\_n261J  DC\_2A-66A\_n261K  DC\_2A-66A\_n261L  DC\_2A-66A\_n261M | DC\_2A\_n261A  DC\_66A\_n261A |
| DC\_2A-66A\_n261(2A)  DC\_2A-66A\_n261(3A)  DC\_2A-66A\_n261(4A)  DC\_2A-66A\_n261(2G)  DC\_2A-66A\_n261(2H)  DC\_2A-66A\_n261(A-G)  DC\_2A-66A\_n261(A-H)  DC\_2A-66A\_n261(A-I)  DC\_2A-66A\_n261(A-J)  DC\_2A-66A\_n261(A-K)  DC\_2A-66A\_n261(A-L)  DC\_2A-66A\_n261(A-2G)  DC\_2A-66A\_n261(A-G-H)  DC\_2A-66A\_n261(A-G-I)  DC\_2A-66A\_n261(2A-G)  DC\_2A-66A\_n261(2A-H)  DC\_2A-66A\_n261(2A-I)  DC\_2A-66A\_n261(3A-G)  DC\_2A-66A\_n261(G-H)  DC\_2A-66A\_n261(G-I)  DC\_2A-66A\_n261(G-J)  DC\_2A-66A\_n261(H-I)  DC\_2A-66A-66A\_n261A  DC\_2A-66A-66A\_n261I  DC\_2A-66A-66A\_n261J  DC\_2A-66A-66A\_n261K  DC\_2A-66A-66A\_n261L  DC\_2A-66A-66A\_n261M  DC\_2A-66A-66A\_n261(A-G)  DC\_2A-66A-66A\_n261(A-H)  DC\_2A-66A-66A\_n261(A-J)  DC\_2A-66A-66A\_n261(A-K)  DC\_2A-66A-66A\_n261(A-L)  DC\_2A-66A-66A\_n261(2A-G)  DC\_2A-66A-66A\_n261(2A-H)  DC\_2A-66A-66A\_n261(2A-I)  DC\_2A-66A-66A\_n261(A-G-H)  DC\_2A-66A-66A\_n261(A-G-I)  DC\_2A-66A-66A\_n261(3A-G)  DC\_2A-66A-66A\_n261(2G)  DC\_2A-66A-66A\_n261(G-H)  DC\_2A-66A-66A\_n261(G-I)  DC\_2A-66A-66A\_n261(G-J)  DC\_2A-66A-66A\_n261(2H)  DC\_2A-66A-66A\_n261(H-I)  DC\_2A-2A-66A\_n261A  DC\_2A-2A-66A\_n261I  DC\_2A-2A-66A\_n261M | DC\_2A\_n261A  DC\_66A\_n261A |
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| DC\_30A-66A\_n260A  DC\_30A-66A\_n260G  DC\_30A-66A\_n260H  DC\_30A-66A\_n260I  DC\_30A-66A\_n260J  DC\_30A-66A\_n260K  DC\_30A-66A\_n260L  DC\_30A-66A\_n260M | DC\_30A\_n260A  DC\_66A\_n260A |
| DC\_30A-66A-66A\_n260A  DC\_30A-66A-66A\_n260G  DC\_30A-66A-66A\_n260H  DC\_30A-66A-66A\_n260I  DC\_30A-66A-66A\_n260J  DC\_30A-66A-66A\_n260K  DC\_30A-66A-66A\_n260L  DC\_30A-66A-66A\_n260M | DC\_30A\_n260A  DC\_66A\_n260A |
| DC\_41A-42A\_n257A  DC\_41A-42A\_n257D  DC\_41A-42A\_n257E  DC\_41A-42A\_n257F  DC\_41A-42A\_n257G  DC\_41A-42A\_n257H  DC\_41A-42A\_n257I  DC\_41A-42A\_n257J  DC\_41A-42A\_n257K  DC\_41A-42A\_n257L  DC\_41A-42A\_n257M  DC\_41A-42C\_n257A  DC\_41A-42C\_n257D  DC\_41A-42C\_n257E  DC\_41A-42C\_n257F  DC\_41A-42C\_n257G  DC\_41A-42C\_n257H  DC\_41A-42C\_n257I  DC\_41A-42C\_n257J  DC\_41A-42C\_n257K  DC\_41A-42C\_n257L  DC\_41A-42C\_n257M  DC\_41C-42A\_n257A  DC\_41C-42A\_n257D  DC\_41C-42A\_n257E  DC\_41C-42A\_n257F  DC\_41C-42A\_n257G  DC\_41C-42A\_n257H  DC\_41C-42A\_n257I  DC\_41C-42A\_n257J  DC\_41C-42A\_n257K  DC\_41C-42A\_n257L  DC\_41C-42A\_n257M  DC\_41C-42C\_n257A  DC\_41C-42C\_n257D  DC\_41C-42C\_n257E  DC\_41C-42C\_n257F  DC\_41C-42C\_n257G  DC\_41C-42C\_n257H  DC\_41C-42C\_n257I  DC\_41C-42C\_n257J  DC\_41C-42C\_n257K  DC\_41C-42C\_n257L  DC\_41C-42C\_n257M | DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_46A-48A\_n260A  DC\_46C-48A\_n260A  DC\_46D-48A\_n260A  DC\_46A-48C\_n260A  DC\_46A-48D\_n260A  DC\_46C-48C\_n260A  DC\_46C-48D\_n260A  DC\_46D-48C\_n260A  DC\_46D-48D\_n260A  DC\_46A-48A\_n260(2A)  DC\_46C-48A\_n260(2A)  DC\_46D-48A\_n260(2A)  DC\_46A-48C\_n260(2A)  DC\_46A-48D\_n260(2A)  DC\_46C-48C\_n260(2A)  DC\_46C-48D\_n260(2A)  DC\_46D-48C\_n260(2A)  DC\_46D-48D\_n260(2A)  DC\_46A-48A\_n260(3A)  DC\_46C-48A\_n260(3A)  DC\_46D-48A\_n260(3A)  DC\_46A-48C\_n260(3A)  DC\_46A-48D\_n260(3A)  DC\_46C-48C\_n260(3A)  DC\_46C-48D\_n260(3A)  DC\_46D-48C\_n260(3A)  DC\_46D-48D\_n260(3A)  DC\_46A-48A\_n260(4A)  DC\_46C-48A\_n260(4A)  DC\_46D-48A\_n260(4A)  DC\_46A-48C\_n260(4A)  DC\_46A-48D\_n260(4A)  DC\_46C-48C\_n260(4A)  DC\_46C-48D\_n260(4A)  DC\_46D-48C\_n260(4A)  DC\_46D-48D\_n260(4A) | DC\_48A\_n260A  DC\_48C\_n260A |
| DC\_46A-48A\_n261A  DC\_46C-48A\_n261A  DC\_46D-48A\_n261A  DC\_46A-48C\_n261A  DC\_46A-48D\_n261A  DC\_46C-48C\_n261A  DC\_46C-48D\_n261A  DC\_46D-48C\_n261A  DC\_46D-48D\_n261A  DC\_46A-48A\_n261(2A)  DC\_46C-48A\_n261(2A)  DC\_46D-48A\_n261(2A)  DC\_46A-48C\_n261(2A)  DC\_46A-48D\_n261(2A)  DC\_46C-48C\_n261(2A)  DC\_46C-48D\_n261(2A)  DC\_46D-48C\_n261(2A)  DC\_46D-48D\_n261(2A) | DC\_48A\_n261A  DC\_48C\_n261A |
| DC\_46A-66A\_n258A  DC\_46C-66A\_n258A  DC\_46D-66A\_n258A | DC\_66A\_n258A |
| DC\_46A-66A\_n258(2A)  DC\_46A-66A\_n258(3A)  DC\_46A-66A\_n258(4A)  DC\_46A-66A\_n258(5A)  DC\_46C-66A\_n258(2A)  DC\_46C-66A\_n258(3A)  DC\_46C-66A\_n258(4A)  DC\_46C-66A\_n258(5A)  DC\_46D-66A\_n258(2A)  DC\_46D-66A\_n258(3A)  DC\_46D-66A\_n258(4A)  DC\_46D-66A\_n258(5A) | DC\_66A\_n258A |
| DC\_46A-66A\_n260A  DC\_46C-66A\_n260A  DC\_46D-66A\_n260A  DC\_46E-66A\_n260A  DC\_46A-66A\_n260G  DC\_46C-66A\_n260G  DC\_46D-66A\_n260G  DC\_46E-66A\_n260G  DC\_46A-66A\_n260H  DC\_46C-66A\_n260H  DC\_46D-66A\_n260H  DC\_46E-66A\_n260H  DC\_46A-66A\_n260I  DC\_46C-66A\_n260I  DC\_46D-66A\_n260I  DC\_46E-66A\_n260I  DC\_46A-66A\_n260J  DC\_46C-66A\_n260J  DC\_46D-66A\_n260J  DC\_46E-66A\_n260J  DC\_46A-66A\_n260K  DC\_46C-66A\_n260K  DC\_46D-66A\_n260K  DC\_46E-66A\_n260K  DC\_46A-66A\_n260L  DC\_46C-66A\_n260L  DC\_46D-66A\_n260L  DC\_46E-66A\_n260L  DC\_46A-66A\_n260M  DC\_46C-66A\_n260M  DC\_46D-66A\_n260M  DC\_46E-66A\_n260M | DC\_66A\_n260A  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260I  DC\_66A\_n260J  DC\_66A\_n260K  DC\_66A\_n260L  DC\_66A\_n260M |
| DC\_46A-66A\_n260(2A)  DC\_46C-66A\_n260(2A)  DC\_46D-66A\_n260(2A) | DC\_66A\_n260A |
| DC\_46A-66A\_n261A  DC\_46A-66A\_n261I  DC\_46A-66A\_n261L  DC\_46A-66A\_n261M  DC\_46C-66A\_n261A  DC\_46D-66A\_n261A  DC\_46A-66A\_n261(2A)  DC\_46C-66A\_n261(2A)  DC\_46D-66A\_n261(2A)  DC\_46A-66A\_n261(A-H)  DC\_46A-66A\_n261(A-L)  DC\_46A-66A\_n261(G-H)  DC\_46A-66A\_n261(2H)  DC\_46A-66A\_n261(2A-H)  DC\_46A-46A-66A\_n261A  DC\_46A-46A-66A\_n261I  DC\_46A-46A-66A\_n261L  DC\_46A-46A-66A\_n261M  DC\_46A-46A-66A\_n261(A-H)  DC\_46A-46A-66A\_n261(A-L)  DC\_46A-46A-66A\_n261(G-H)  DC\_46A-46A-66A\_n261(2H)  DC\_46A-46A-66A\_n261(2A-H)  DC\_46A-46A-46A-66A\_n261A  DC\_46A-46A-46A-66A\_n261I  DC\_46A-46A-46A-66A\_n261L  DC\_46A-46A-46A-66A\_n261M  DC\_46A-46A-46A-66A\_n261(A-H)  DC\_46A-46A-46A-66A\_n261(A-L)  DC\_46A-46A-46A-66A\_n261(G-H)  DC\_46A-46A-46A-66A\_n261(2H)  DC\_46A-46A-46A-66A\_n261(2A-H) | DC\_66A\_n261A |
| DC\_46A-66A\_n261I  DC\_46A-66A\_n261L  DC\_46A-66A\_n261M  DC\_46A-66A\_n261(A-H)  DC\_46A-66A\_n261(A-L)  DC\_46A-66A\_n261(G-H)  DC\_46A-66A\_n261(2H)  DC\_46A-66A\_n261(2A-H)  DC\_46A-46A-66A\_n261I  DC\_46A-46A-66A\_n261L  DC\_46A-46A-66A\_n261M  DC\_46A-46A-66A\_n261(A-H)  DC\_46A-46A-66A\_n261(A-L)  DC\_46A-46A-66A\_n261(G-H)  DC\_46A-46A-66A\_n261(2H)  DC\_46A-46A-66A\_n261(2A-H)  DC\_46A-46A-46A-66A\_n261I  DC\_46A-46A-46A-66A\_n261L  DC\_46A-46A-46A-66A\_n261M  DC\_46A-46A-46A-66A\_n261(A-H)  DC\_46A-46A-46A-66A\_n261(A-L)  DC\_46A-46A-46A-66A\_n261(G-H)  DC\_46A-46A-46A-66A\_n261(2H)  DC\_46A-46A-46A-66A\_n261(2A-H) | DC\_66A\_n261G |
| DC\_46A-66A\_n261I  DC\_46A-66A\_n261L  DC\_46A-66A\_n261M  DC\_46A-66A\_n261(A-H)  DC\_46A-66A\_n261(A-L)  DC\_46A-66A\_n261(G-H)  DC\_46A-66A\_n261(2H)  DC\_46A-66A\_n261(2A-H)  DC\_46A-46A-66A\_n261I  DC\_46A-46A-66A\_n261L  DC\_46A-46A-66A\_n261M  DC\_46A-46A-66A\_n261(A-H)  DC\_46A-46A-66A\_n261(A-L)  DC\_46A-46A-66A\_n261(G-H)  DC\_46A-46A-66A\_n261(2H)  DC\_46A-46A-66A\_n261(2A-H)  DC\_46A-46A-46A-66A\_n261I  DC\_46A-46A-46A-66A\_n261L  DC\_46A-46A-46A-66A\_n261M  DC\_46A-46A-46A-66A\_n261(A-H)  DC\_46A-46A-46A-66A\_n261(A-L)  DC\_46A-46A-46A-66A\_n261(G-H)  DC\_46A-46A-46A-66A\_n261(2H)  DC\_46A-46A-46A-66A\_n261(2A-H) | DC\_66A\_n261H |
| DC\_46A-66A\_n261I  DC\_46A-66A\_n261L  DC\_46A-66A\_n261M  DC\_46A-66A\_n261(A-L)  DC\_46A-46A-66A\_n261I  DC\_46A-46A-66A\_n261L  DC\_46A-46A-66A\_n261M  DC\_46A-46A-66A\_n261(A-L)  DC\_46A-46A-46A-66A\_n261I  DC\_46A-46A-46A-66A\_n261L  DC\_46A-46A-46A-66A\_n261M  DC\_46A-46A-46A-66A\_n261(A-L) | DC\_66A\_n261I |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability | |

#### 5.5B.5a.2 Inter-band NE-DC configurations including FR2 (three bands)

Table 5.5B.5a.2-1: Inter-band NE-DC configurations including FR2 (three bands)

| NE-DC configuration | Uplink NE-DC configuration (NOTE 1) |
| --- | --- |
| DC\_n257A\_1A-3A  DC\_n257G\_1A-3A  DC\_n257H\_1A-3A  DC\_n257I\_1A-3A  DC\_n257J\_1A-3A  DC\_n257K\_1A-3A  DC\_n257L\_1A-3A  DC\_n257M\_1A-3A  DC\_n257A\_1A-3C  DC\_n257G\_1A-3C  DC\_n257H\_1A-3C  DC\_n257I\_1A-3C  DC\_n257J\_1A-3C  DC\_n257K\_1A-3C  DC\_n257L\_1A-3C  DC\_n257M\_1A-3C | DC\_n257A\_1A  DC\_n257A\_3A  DC\_n257G\_3A  DC\_n257H\_3A  DC\_n257I\_3A  DC\_n257J\_3A  DC\_n257K\_3A  DC\_n257L\_3A  DC\_n257M\_3A |
| DC\_n257A\_1A-5A  DC\_n257G\_1A-5A  DC\_n257H\_1A-5A  DC\_n257I\_1A-5A  DC\_n257J\_1A-5A  DC\_n257K\_1A-5A  DC\_n257L\_1A-5A  DC\_n257M\_1A-5A | DC\_n257A\_1A  DC\_n257A\_5A |
| DC\_n257A\_1A-7A  DC\_n257G\_1A-7A  DC\_n257H\_1A-7A  DC\_n257I\_1A-7A  DC\_n257J\_1A-7A  DC\_n257K\_1A-7A  DC\_n257L\_1A-7A  DC\_n257M\_1A-7A | DC\_n257A\_1A  DC\_n257A\_7A |
| DC\_n257A\_1A-7A-7A  DC\_n257G\_1A-7A-7A  DC\_n257H\_1A-7A-7A  DC\_n257I\_1A-7A-7A  DC\_n257J\_1A-7A-7A  DC\_n257K\_1A-7A-7A  DC\_n257L\_1A-7A-7A  DC\_n257M\_1A-7A-7A | DC\_n257A\_1A  DC\_n257A\_7A |
| DC\_n257A\_1A-8A  DC\_n257G\_1A-8A  DC\_n257H\_1A-8A  DC\_n257I\_1A-8A  DC\_n257J\_1A-8A  DC\_n257K\_1A-8A  DC\_n257L\_1A-8A  DC\_n257M\_1A-8A | DC\_n257A\_1A  DC\_n257A\_8A |
| DC\_n257A\_3A-5A  DC\_n257G\_3A-5A  DC\_n257H\_3A-5A  DC\_n257I\_3A-5A  DC\_n257J\_3A-5A  DC\_n257K\_3A-5A  DC\_n257L\_3A-5A  DC\_n257M\_3A-5A | DC\_n257A\_3A  DC\_n257A\_5A |
| DC\_n257A\_3A-7A  DC\_n257G\_3A-7A  DC\_n257H\_3A-7A  DC\_n257I\_3A-7A  DC\_n257J\_3A-7A  DC\_n257K\_3A-7A  DC\_n257L\_3A-7A  DC\_n257M\_3A-7A | DC\_n257A\_3A  DC\_n257A\_7A |
| DC\_n257A\_3A-7A-7A  DC\_n257G\_3A-7A-7A  DC\_n257H\_3A-7A-7A  DC\_n257I\_3A-7A-7A  DC\_n257J\_3A-7A-7A  DC\_n257K\_3A-7A-7A  DC\_n257L\_3A-7A-7A  DC\_n257M\_3A-7A-7A | DC\_n257A\_3A  DC\_n257A\_7A |
| DC\_n257A\_3A-8A  DC\_n257G\_3A-8A  DC\_n257H\_3A-8A  DC\_n257I\_3A-8A  DC\_n257J\_3A-8A  DC\_n257K\_3A-8A  DC\_n257L\_3A-8A  DC\_n257M\_3A-8A  DC\_n257A\_3C-8A  DC\_n257G\_3C-8A  DC\_n257H\_3C-8A  DC\_n257I\_3C-8A  DC\_n257J\_3C-8A  DC\_n257K\_3C-8A  DC\_n257L\_3C-8A  DC\_n257M\_3C-8A | DC\_n257A\_3A  DC\_n257A\_8A |
| DC\_n257A\_5A-7A  DC\_n257G\_5A-7A  DC\_n257H\_5A-7A  DC\_n257I\_5A-7A  DC\_n257J\_5A-7A  DC\_n257K\_5A-7A  DC\_n257L\_5A-7A  DC\_n257M\_5A-7A | DC\_n257A\_5A  DC\_n257A\_7A |
| DC\_n257A\_5A-7A-7A  DC\_n257G\_5A-7A-7A  DC\_n257H\_5A-7A-7A  DC\_n257I\_5A-7A-7A  DC\_n257J\_5A-7A-7A  DC\_n257K\_5A-7A-7A  DC\_n257L\_5A-7A-7A  DC\_n257M\_5A-7A-7A | DC\_n257A\_5A  DC\_n257A\_7A |
| NOTE 1: Uplink NE-DC configurations are the configurations supported by the presNEt release of specifications.  NOTE 2: Applicable for UE supporting inter-band NE-DC with mandatory simultaneous Rx/Tx capability | |

###### *------------------------------ Modified section ------------------------------*

###### 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\_n3 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | n3 | 0.3 |
| 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  DC\_1\_n3-n41 | 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\_n28 | 1 | 0.3 |
| 11 | 0.4 |
| n28 | 0.6 |
| 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\_n28 | 1 | 0.3 |
|  | 18 | 0.5 |
|  | n28 | 0.5 |
| DC\_1-18\_n41 | 1 | 0.5 |
|  | 18 | 0.3 |
|  | n41 | 0.5 |
| 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 | 0.5 |
|  | 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\_n28 | 1 | 0.3 |
| 21 | 0.4 |
| n28 | 0.6 |
| 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\_n3 | 1 | 0.5 |
|  | n3 | 0.5 |
| DC\_1-32\_n28 | 1 | 0.3 |
|  | n28 | 0.7 |
| DC\_1-32\_n78 | 1 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-(n)38 | 1 | 0.5 |
|  | 38 | 0.5 |
|  | n38 | 0.5 |
| DC\_1-40-n78 | 1 | 0.6 |
|  | 40 | 0.35 |
|  | n78 | 0.85 |
| 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  DC\_1\_n41-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\_n3 | 1 | 0.3 |
|  | 42 | 0.8 |
|  | n3 | 0.6 |
| 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-n28 | 2 | 0.5 |
|  | 4 | 0.5 |
|  | n28 | 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-n7 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | n7 | 0.5 |
| DC\_2-5\_n12 | 2 | 0.3 |
|  | 5 | 0.8 |
|  | n12 | 0.4 |
| DC\_2-5\_n48 | 2 | 0.6 |
|  | 5 | 0.3 |
|  | n48 | 0.8 |
| 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\_2-5\_n77 | 2 | 0.6 |
|  | 5 | 0.6 |
|  | n77 | 0.8 |
| DC\_2-7\_n5  DC\_2-7-7\_n5 | 2 | 0.3 |
|  | 7 | 0.3 |
|  | n5 | 0.3 |
| DC\_2-7\_n7 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | n7 | 0.5 |
| DC\_2-7-n28 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | n28 | 0.3 |
| DC\_2\_n5-n77 | 2 | 0.6 |
|  | n5 | 0.3 |
|  | n77 | 0.8 |
| 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  DC\_2\_n7-n66 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7\_n77  DC\_2-7-7\_n77 | 2 | 0.6 |
|  | 7 | 0.5 |
|  | n77 | 0.8 |
| DC\_2-7\_n78  DC\_2-2-7\_n78 | 2 | 0.5 |
|  | 7 | 0.5 |
| DC\_2\_n7-n78 | 2 | 0.6 |
|  | n7 | 0.5 |
|  | n78 | 0.8 |
| DC\_2-8-n2 | 2 | 0.3 |
|  | 8 | 0.3 |
|  | n2 | 0.3 |
| DC\_2-12\_n2 | 2 | 0.3 |
|  | 12 | 0.3 |
| DC\_2-12\_n5 | 2 | 0.3 |
|  | 12 | 0.4 |
|  | n5 | 0.8 |
| DC\_2\_(n)12 | 2 | 0.3 |
|  | 12 | 0.3 |
|  | n12 | 0.3 |
| DC\_2-12\_n41 DC\_2-2-12\_n41 | 2 | 0.5 |
| 12 | 0.3 |
| n41 | 0.5 |
| DC\_2-12\_n66, DC\_2-2-12\_n66 | 2 | 0.5 |
|  | 12 | 0.8 |
|  | n66 | 0.5 |
| DC\_2-12\_n78 | 2 | 0.6 |
| 12 | 0.6 |
| n78 | 0.8 |
| DC\_2\_n38-n66 | 2 | 0.5 |
|  | n38 | 0.9 |
|  | 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\_n48 | 2 | 0.6 |
|  | 13 | 0.3 |
|  | n48 | 0.8 |
| DC\_2-13\_n66  DC\_2-2-13\_n66 | 2 | 0.5 |
|  | 13 | 0.3 |
|  | n66 | 0.5 |
| DC\_2-13\_n77 | 2 | 0.6 |
|  | 13 | 0.5 |
|  | n77 | 0.8 |
| 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\_2-28\_n7 | 2 | 0.5 |
|  | 28 | 0.3 |
|  | n7 | 0.5 |
| DC\_2-28\_n66 | 2 | 0.5 |
|  | 28 | 0.6 |
|  | n66 | 0.5 |
| DC\_2-29\_n66  DC\_2-2-29\_n66 | 2 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-29-n78 | 2 | 0.6 |
| n78 | 0.8 |
| 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\_n5 | 2 | 0.6 |
|  | 48 | 0.8 |
|  | n5 | 0.3 |
| DC\_2-48\_n12 | 2 | 0.6 |
|  | 48 | 0.3 |
|  | n12 | 0.8 |
| DC\_2-48\_n48 | 2 | 0.6 |
|  | 48 | 0.8 |
|  | n48 | 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\_2-48\_n77 | 2 | 0.3 |
|  | 48 | 0.6 |
|  | n77 | 0.5 |
| 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-n7 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| 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-n28 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | n28 | 0.6 |
| 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\_n77 | 2 | 0.6 |
|  | 66 | 0.6 |
|  | n77 | 0.8 |
| DC\_2\_n66-n77  DC\_2-2\_n66-n77 | 2 | 0.6 |
|  | 66 | 0.6 |
|  | n77 | 0.8 |
| 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\_n41 DC\_2-2-71\_n41 | 2 | 0.5 |
| 71 | 0.3 |
| n41 | 0.5 |
| DC\_2-71\_n66  DC\_2-2-71\_n66 | 2 | 0,5 |
|  | 71 | 0.3 |
|  | n66 | 0.5 |
| DC\_2-71\_n71 | 2 | 0.3 |
|  | 71 | 0.3 |
|  | n71 | 0.3 |
| 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-n41 | 3 | 0.5 |
|  | n3 | 0.5 |
|  | n41 | 0.31/0.82 |
| 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  DC\_3-8\_n40 | 3 | 0.5 |
|  | 8 or 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\_3-11\_n28 | 3 | 0.8 |
|  | 11 | 0.9 |
|  | n28 | 0.6 |
| DC\_3-11\_n77 | 3 | 0.8 |
|  | 11 | 0.9 |
|  | n77 | 0.8 |
| DC\_3-18\_n3 | 3 | 0.3 |
|  | 18 | 0.3 |
|  | n3 | 0.3 |
| DC\_3-18\_n28 | 3 | 0.3 |
|  | 18 | 0.5 |
|  | n28 | 0.3 |
| DC\_3-18\_n41 | 3 | 0.6 |
| 18 | 0.3 |
| n41 | 0.33 |
| 0.84 |
| 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\_n1 | 3 | 0.3 |
|  | 19 | 0.3 |
|  | n1 | 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\_n1 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n1 | 0.3 |
| DC\_3-21\_n28 | 3 | 0.8 |
| 21 | 0.9 |
| n28 | 0.3 |
| 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\_n1 | 3 | 0.3 |
|  | 28 | 0.6 |
|  | n1 | 0.3 |
| 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\_n1 | 3 | 0.5 |
|  | n1 | 0.5 |
| 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\_3-40-n78 | 3 | 0.6 |
|  | 40 | 0.35 |
|  | n78 | 0.85 |
| 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\_n3 | 3 | 0.5 |
|  | 41 | 0.33/0.84 |
|  | n3 | 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  DC\_3\_n41-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\_n1 | 3 | 0.6 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
| 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\_4-7\_n28 | 4 | 0.5 |
|  | 7 | 0.5 |
|  | n28 | 0.6 |
| DC\_5-7\_n7 | 5 | 0.5 |
|  | 7 | 0.3 |
|  | n7 | 0.3 |
| DC\_5-7\_n66 | 5 | 0.3 |
|  | 7 | 0.5 |
|  | n66 | 0.5 |
| 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\_5-13\_n66 | 5 | 0.3 |
|  | 13 | 0.3 |
|  | n66 | 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\_5-46\_n66 | 5 | 0.3 |
|  | n66 | 0.3 |
| DC\_5-48\_n12 | 5 | 0.8 |
|  | 48 | 0.3 |
|  | n12 | 0.4 |
| DC\_5-48\_n71 | 5 | 0.5 |
|  | 48 | 0.3 |
|  | n71 | 0.5 |
| 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-n7 | 5 | 0.3 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_5-66\_n12 | 5 | 0.3 |
|  | 66 | 0.8 |
|  | n12 | 0.8 |
| DC\_5-66\_n48  DC\_5-66-66\_n48 | 5 | 0.3 |
|  | 66 | 0.6 |
|  | n48 | 0.8 |
| 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\_n77 | 5 | 0.6 |
|  | 66 | 0.6 |
|  | n77 | 0.8 |
| 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\_7-8\_n28 | 7 | 0.3 |
|  | 8 | 0.6 |
|  | n28 | 0.5 |
| DC\_7\_n8-n40  DC\_7-8\_n40 | 7 | 0.5 |
|  | 8 or 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\_7-12\_n66 | 7 | 0.5 |
| 12 | 0.5 |
| n66 | 0.5 |
| DC\_7-12\_n78 | 7 | 0.5 |
| 12 | 0.5 |
| 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\_7-25\_n77  DC\_7-7-25\_n77  DC\_7-25-25\_n77  DC\_7-7-25-25\_n77 | 7 | 0.5 |
| 25 | 0.6 |
| n77 | 0.8 |
| DC\_7-25\_n78  DC\_7-7-25\_n78  DC\_7-25-25\_n78  DC\_7-7-25-25\_n78 | 7 | 0.5 |
| 25 | 0.6 |
| n78 | 0.8 |
| DC\_7-28\_n1 | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n1 | 0.5 |
| DC\_7-28\_n2 | 7 | 0.5 |
|  | 28 | 0.3 |
|  | n2 | 0.5 |
| 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\_n66 | 7 | 0.5 |
|  | 28 | 0.6 |
|  | n66 | 0.5 |
| 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\_7A-32A\_n1 | 7 | 0.6 |
|  | n1 | 0.5 |
| DC\_7-32\_n28 | 7 | 0.3 |
|  | n28 | 0.7 |
| DC\_7-32\_n78 | 7 | 0.5 |
|  | n78 | 0.8 |
| DC\_7-40\_n1 | 7 | 0.8 |
|  | 40 | 0.9 |
|  | n1 | 0.6 |
| DC\_7-40-n78 | 7 | 0.5 |
|  | 40 | 0.35 |
|  | n78 | 0.85 |
| DC\_7-46\_n78 | 7 | 0.5 |
|  | n78 | 0.8 |
| DC\_7-66\_n5  DC\_7-66-66\_n5  DC\_7-7-66\_n5  DC\_7-7-66-66\_n5 | 7 | 0.3 |
|  | 66 | 0.3 |
|  | n5 | 0.3 |
| DC\_7-66\_n7  DC\_7-66-66\_n7 | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_7-66-n28 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | n28 | 0.6 |
| 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\_n77  DC\_7-7-66\_n77 | 7 | 0.5 |
|  | 66 | 0.6 |
|  | n77 | 0.8 |
| 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\_7-71\_n66 | 7 | 0.5 |
| 71 | 0.5 |
| n66 | 0.5 |
| DC\_7-71\_n78 | 7 | 0.5 |
| 71 | 0.5 |
| 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\_n3-n77 | 8 | 0.6 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| DC\_8-11\_n3 | 8 | 0.3 |
|  | 11 | 0.8 |
|  | n3 | 0.9 |
| DC\_8-11\_n28 | 8 | 0.6 |
|  | 11 | 0.4 |
|  | n28 | 0.6 |
| 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\_8A-32A\_n1 | 8 | 0.3 |
| n1 | 0.5 |
| DC\_8-40\_n1 | 8 | 0.3 |
|  | 40 | 0.5 |
|  | n1 | 0.3 |
| DC\_8-40-n78 | 8 | 0.6 |
|  | 40 | 0.35 |
|  | n78 | 0.85 |
| 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\_n3 | 8 | 0.6 |
|  | 42 | 0.8 |
|  | n3 | 0.6 |
| 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\_n3-n28 | 11 | 0.8 |
|  | n3 | 0.9 |
|  | n28 | 0.6 |
| DC\_11\_n3-n77 | 11 | 0.8 |
|  | n3 | 0.9 |
|  | n77 | 0.8 |
| 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\_11\_n28-n77 | 11 | 0.4 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_12\_(n)5 | 5 | 0.8 |
|  | 12 | 0.4 |
|  | n5 | 0.8 |
| DC\_12\_n7-n66 | 12 | 0.8 |
|  | n7 | 0.5 |
|  | n66 | 0.5 |
| 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\_12-48\_n5 | 12 | 0.4 |
|  | 48 | 0.3 |
|  | n5 | 0.8 |
| DC\_12-66\_n2 | 12 | 0.8 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_12-66\_n5 | 12 | 0.8 |
|  | 66 | 0.8 |
|  | n5 | 0.3 |
| DC\_12-66\_n25 | 12 | 0.8 |
|  | 66 | 0.5 |
|  | n25 | 0.5 |
| DC\_12-66\_n41 | 12 | 0.6 |
| 66 | 0.5 |
| n41 | 0.81 |
| 1.32 |
| DC\_12-66\_n78 | 12 | 0.6 |
| 66 | 0.6 |
| n78 | 0.8 |
| DC\_12-66\_n66 | 12 | 0.8 |
|  | 66 | 0.3 |
|  | n66 | 0.3 |
| DC\_13\_n2-n77 | 13 | 0.3 |
|  | n2 | 0.6 |
|  | n77 | 0.8 |
| DC\_13\_n5-n48 | 13 | 0.4 |
|  | n5 | 0.8 |
|  | n48 | 0.3 |
| DC\_13-48\_n2 | 13 | 0.3 |
|  | 48 | 0.8 |
|  | n2 | 0.6 |
| DC\_13-48\_n66  DC\_13\_n48-n66 | 13 | 0.3 |
|  | 48/n48 | 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\_n5 | 13 | 0.5 |
|  | 66 | 0.3 |
|  | n5 | 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\_13-66\_n77 | 13 | 0.5 |
|  | 66 | 0.6 |
|  | n77 | 0.8 |
| DC\_13\_n66-n77 | 13 | 0.3 |
|  | n66 | 0.6 |
|  | n77 | 0.8 |
| 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-n41 | 18 | 0.3 |
|  | n3 | 0.5 |
|  | n41 | 0.3 |
| DC\_18\_n3-n78 | 18 | 0.3 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_18\_n28-n41 | 18 | 0.5 |
|  | n28 | 0.5 |
|  | n41 | 0.3 |
| DC\_18-28\_n77  DC\_18\_n28-n77 | 18 | 0.5 |
|  | 28/n28 | 0.5 |
|  | n77 | 0.8 |
| DC\_18-28\_n78  DC\_18\_n28-n78 | 18 | 0.5 |
|  | 28/n28 | 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  DC\_18\_n41-n77 | 18 | 0.3 |
|  | 41 | 0.3 |
|  | n77 | 0.8 |
| DC\_18-41\_n78  DC\_18\_n41-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\_n1-n77 | 19 | 0.3 |
|  | n1 | 0.3 |
|  | n77 | 0.8 |
| DC\_19\_n1-n78 | 19 | 0.3 |
|  | n1 | 0.3 |
|  | n78 | 0.8 |
| DC\_19\_n1-n79 | 19 | 0.3 |
|  | n1 | 0.3 |
|  | n79 | 0.0 |
| DC\_19-21\_n1 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | n1 | 0.3 |
| 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\_n1 | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n1 | 0.3 |
| 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\_20-28\_n3 | 2 | 0.5 |
|  | 28 | 0.6 |
|  | n3 | 0.5 |
| 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-n1 | 20 | 0.3 |
|  | n1 | 0.5 |
| DC\_20-32-n3 | 20 | 0.3 |
|  | n3 | 0.5 |
| DC\_20-32\_n28 | 20 | 0.5 |
|  | n28 | 0.7 |
| 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\_20-40-n78 | 20 | 0.6 |
| 40 | 0.35 |
| n78 | 0.85 |
| 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\_n1-n77 | 21 | 0.3 |
|  | n1 | 0.3 |
|  | n77 | 0.8 |
| DC\_21\_n1-n78 | 21 | 0.4 |
|  | n1 | 0.6 |
|  | n78 | 0.8 |
| DC\_21\_n1-n79 | 21 | 0.3 |
|  | n1 | 0.3 |
| DC\_21-42\_n1 | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n1 | 0.3 |
| 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\_25-66\_n77  DC\_25-25-66\_n77 | 25 | 0.6 |
| 66 | 0.6 |
| n77 | 0.8 |
| DC\_25-66\_n78  DC\_25-25-66\_n78 | 25 | 0.6 |
| 66 | 0.6 |
| n78 | 0.8 |
| DC\_28\_n1-n40 | 28 | 0.6 |
|  | n1 | 0.3 |
|  | n40 | 0.5 |
| DC\_28\_n1-n78 | 28 | 0.6 |
|  | n1 | 0.3 |
|  | n78 | 0.8 |
| 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\_28-66\_n7 | 28 | 0.6 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_28-66\_n66 | 28 | 0.6 |
|  | 66 | 0.3 |
|  | n66 | 0.3 |
| 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\_29-66-n78 | 66 | 0.6 |
| n78 | 0.8 |
| 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-n41 | 41 | 0.33/084 |
|  | n3 | 0.5 |
|  | n41 | 0.33/084 |
| 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-n41 | 41 | 0.33/084 |
|  | n28 | 0.3 |
|  | n41 | 0.33/084 |
| 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\_41\_n41-n77 | 41 | 0.3 |
|  | n41 | 0.3 |
|  | n77 | 0.8 |
| DC\_41\_n41-n78 | 41 | 0.3 |
|  | n41 | 0.3 |
|  | 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\_n1-n77 | 42 | 0.8 |
|  | n1 | 0.6 |
|  | n77 | 0.8 |
| DC\_42\_n1-n78 | 42 | 0.8 |
|  | n1 | 0.3 |
|  | n78 | 0.8 |
| DC\_42\_n1-n79 | 42 | 0.8 |
|  | n1 | 0.3 |
| DC\_42\_n3-n28 | 42 | 0.8 |
|  | n3 | 0.6 |
|  | n28 | 0.8 |
| DC\_42\_n3-n77 | 42 | 0.8 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| 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\_n25-n48 | 48 | 0.8 |
|  | n25 | 0.6 |
|  | n48 | 0.8 |
| DC\_48\_n48-n66 | 48 | 0.8 |
|  | n48 | 0.8 |
|  | n66 | 0.6 |
| DC\_48-66\_n12 | 48 | 0.8 |
|  | 66 | 0.6 |
|  | n12 | 0.3 |
| DC\_48-66\_n25 | 48 | 0.8 |
|  | 66 | 0.6 |
|  | n25 | 0.6 |
| DC\_48-66\_n48 | 66 | 0.6 |
|  | 48 | 0.8 |
|  | n48 | 0.8 |
| 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\_(n)5 | 5 | 0.3 |
|  | n5 | 0.3 |
|  | 66 | 0.3 |
| DC\_66\_n2-n77 | 66 | 0.6 |
|  | n2 | 0.6 |
|  | n77 | 0.8 |
| DC\_66\_n5-n48 | 66 | 0.6 |
|  | n5 | 0.3 |
|  | n48 | 0.8 |
| DC\_66\_n5-n77 | 66 | 0.6 |
|  | n5 | 0.3 |
|  | n77 | 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-n48 | 66 | 0.6 |
|  | n25 | 0.6 |
|  | n48 | 0.8 |
| DC\_66\_n25-n71 | 66 | 0.5 |
|  | n25 | 0.5 |
|  | n71 | 0.3 |
| DC\_66\_n38-n66 | 66 | 0.5 |
|  | n38 | 0.5 |
|  | n66 | 0.5 |
| 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-n77 | 66 | 0.6 |
|  | n66 | 0.6 |
|  | n77 | 0.8 |
| 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\_n41 | 66 | 0.5 |
| 71 | 0.6 |
| n41 | 0.81 |
| 1.32 |
| DC\_66-71\_n66 | 66 | 0.3 |
|  | 71 | 0.3 |
|  | n66 | 0.3 |
| DC\_66\_(n)5 | 5 | 0.3 |
|  | n5 | 0.3 |
|  | 66 | 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. | | |

###### *------------------------------ Modified section -----------------------------*

##### 7.3B.2.3.2 Reference sensitivity exceptions due to receiver harmonic mixing for EN-DC in NR FR1

Sensitivity degradation is allowed for a band if it is impacted by receiver harmonic mixing due to another band part of the same EN-DC configuration. Reference sensitivity exceptions for the victim band (low) are specified in Table 7.3B.2.3.2-1 with uplink configuration of the agressor band (high) specified in Table 7.3B.2.3.2-2.

Table 7.3B.2.3.2-1: Reference sensitivity exceptions (MSD) due to receiver harmonic mixing for EN-DC in NR FR1

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| E-UTRA or NR Band / Channel bandwidth of the affected DL band / MSD | | | | | | | | | | | | |
| UL band | DL band | 5  MHz  (dB) | 10 MHz  (dB) | 15 MHz  (dB) | 20 MHz  (dB) | 25 MHz  (dB) | 40 MHz  (dB) | 50 MHz  (dB) | 60 MHz  (dB) | 80 MHz  (dB) | 90 MHz  (dB) | 100 MHz  (dB) |
| 1 | n714 | 26.8 | 23.6 | 21.2 | 15.6 |  |  |  |  |  |  |  |
| 2 | n714 | 26.8 | 23.6 | 21.2 | 15.6 |  |  |  |  |  |  |  |
| n38 | 59 | N/A | N/A |  |  |  |  |  |  |  |  |  |
| n40 | 284 | 37.8 | 34.8 | 33 | 30.3 |  |  |  |  |  |  |  |
| n41 | 189 | N/A | N/A | N/A |  |  |  |  |  |  |  |  |
| n41 | 264 | 24.3 | 24.3 | 22.5 | N/A |  |  |  |  |  |  |  |
| n77 | 2 | 6.1 | 5.0 | 4.0 | 3.7 |  |  |  |  |  |  |  |
| n77 | 3 | 5.7 | 4.0 | 3.0 | 2.7 |  |  |  |  |  |  |  |
| n78 | 3 | 5.7 | 4.0 | 3.0 | 2.7 |  |  |  |  |  |  |  |
| n77 | 78 | 10.4 | 10.4 | 10.4 | 10.4 |  |  |  |  |  |  |  |
| n77 | 132 | 31 | 28 |  |  |  |  |  |  |  |  |  |
| n77 | 418 | 10.4 | 10.4 | 10.4 | 10.4 |  |  |  |  |  |  |  |
| n77 | 282 | 28 | 25 | 23.2 | 22 |  |  |  |  |  |  |  |
| n78 | 292 | 28 | 25 |  |  |  |  |  |  |  |  |  |
| n78 | 408 | 10.4 | 10.4 | 10.4 | 10.4 |  |  |  |  |  |  |  |
| n78 | 418 | 10.4 | 10.4 | 10.4 | 10.4 |  |  |  |  |  |  |  |
| n79 | 114 | 39.3 | 36.3 | 34.5 |  |  |  |  |  |  |  |  |
| n79 | 192 | 29.5 | 26.5 | 24.7 |  |  |  |  |  |  |  |  |
| n79 | 214 | 39.3 | 36.3 | 34.5 |  |  |  |  |  |  |  |  |
| n79 | 262 | 27 | 24 | 22.2 |  |  |  |  |  |  |  |  |
| NOTE 1: These requirements apply when there is at least one individual RE within the uplink transmission bandwidth of the aggressor (higher) band for which the mixing product due to harmonic of victim (lower) band LO with leakage of aggressor (higher) band is within the downlink transmission bandwidth of a victim (lower) band.  NOTE 2: The requirements should be verified for DL EARFCN of the victim (lower) band (superscript LB) such that  with  the DL carrier frequency in the lower band and the UL carrier frequency in the higher band, both in MHz.  NOTE 3: Void.  NOTE 4: The requirements should be verified for DL EARFCN or NR ARFCN of the victim (lower) band (superscript LB) such that  with   the DL carrier frequency in the lower band and the UL carrier frequency in the higher band, both in MHz.  NOTE 5: Void  NOTE 6: Void  NOTE 7: Void  NOTE 8: The requirements should be verified for DL EARFCN of the victim (lower) band (superscript LB) such that with the DL carrier frequency in the lower band and the UL carrier frequency in the higher band, both in MHz.  NOTE 9: No requirements apply for the case that there is at least one individual RE within the uplink transmission bandwidth of the relative higher band and when the frequency range of relative higher band’s uplink channel bandwidth or uplink 1st adjacent channel bandwidth is fully or partially overlapped with the 3 times of the frequency range of the relative lower band’s downlink channel bandwidth. The reference sensitivity is only verified when this is not the case.  NOTE 10: MSD test point can be chosen according to supported BW and lowest SCS supported by the UE. | | | | | | | | | | | | |

Table 7.3B.2.3.2-2: Uplink configuration for reference sensitivity exceptions due to receiver harmonic mixing for EN-DC in NR FR1

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| E-UTRA or NR Band / SCS / Channel bandwidth of the affected DL band / UL RB allocation of the agressor band | | | | | | | | | | | | | |
| UL band | DL band | SCS of UL band  (kHz) | 5 MHz  (LCRB) | 10 MHz  (LCRB) | 15 MHz  (LCRB) | 20 MHz  (LCRB) | 25 MHz  (LCRB) | 40 MHz  (LCRB) | 50 MHz  (LCRB) | 60 MHz  (LCRB) | 80 MHz  (LCRB) | 90 MHz  (LCRB) | 100 MHz  (LCRB) |
| 1 | n71 | 15 | 25 | 50 | 75 | 100 |  |  |  |  |  |  |  |
| 2 | n71 | 15 | 25 | 50 | 50 | 50 |  |  |  |  |  |  |  |
| n40 | 28 | 15 | 25 | 50 | 75 | 100 |  |  |  |  |  |  |  |
| n41 | 26 | 15 | 25 | 50 | 75 |  |  |  |  |  |  |  |  |
| n77 | 2 | 15 | 25 | 50 | 75 | 100 |  |  |  |  |  |  |  |
| n77 | 3 | 15 | 25 | 50 | 75 | 100 |  |  |  |  |  |  |  |
| n78 | 3 | 15 | 25 | 50 | 75 | 100 |  |  |  |  |  |  |  |
| n77 | 7 | 15 | 12 | 25 | 36 | 50 |  |  |  |  |  |  |  |
| n77 | 13 | 15 | 25 | 50 |  |  |  |  |  |  |  |  |  |
| n77 | 28 | 15 | 25 | 50 | 75 | 100 |  |  |  |  |  |  |  |
| n77 | 41 | 15 | 12 | 25 | 36 | 50 |  |  |  |  |  |  |  |
| n78 | 29 | 15 | 25 | 50 |  |  |  |  |  |  |  |  |  |
| n78 | 40 | 15 | 12 | 25 | 36 | 50 |  |  |  |  |  |  |  |
| n78 | 41 | 15 | 12 | 25 | 36 | 50 |  |  |  |  |  |  |  |
| n79 | 11 | 15 | 25 | 50 | 75 |  |  |  |  |  |  |  |  |
| n79 | 19 | 15 | 25 | 50 | 75 |  |  |  |  |  |  |  |  |
| n79 | 21 | 15 | 25 | 50 | 75 |  |  |  |  |  |  |  |  |
| n79 | 26 | 15 | 25 | 50 | 75 |  |  |  |  |  |  |  |  |
| NOTE 1: Void  NOTE 2: Void  NOTE 3: The UL configuration applies regardless of the channel bandwidth of the UL band. UL resource blocks allocation in the table shall be further limited to that specified in Table 7.3.1-2 in TS 36.101 [4] or Table 7.3.2-3 in TS 38.101-1 [2].  NOTE 4: Unless otherwise stated, the UL resource blocks allocation is applied at the center of the channel bandwidth. The note applies to the entire table.  NOTE 5: If the aggressor band is NR band, the test SCS and UL RB can be adjusted according to supported BW and lowest SCS supported by the UE. | | | | | | | | | | | | | |

###### *------------------------------ Modified section -----------------------------*

###### 7.3B.2.3.5.2 MSD test points for intermodulation interference due to dual uplink operation for EN-DC in NR FR1 involving three bands

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

| NR or E-UTRA Band / Channel bandwidth / NRB / MSD | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| EN-DC Configuration | EUTRA/NR band | UL Fc  (MHz) | UL/DL BW  (MHz) | UL  LCRB | DL Fc (MHz) | MSD  (dB) | IMD order |
| DC\_66A\_(n)71AA | 66 | 1750 | 5 | 25 | 2150 | 5 | IMD4 |
|  | n71 | 678 | 10 | 10 (RBstart =0) | 632 | N/A | N/A |
| NOTE 1: For NR band, UL/DL BW and UL LCRB can be adjusted according to the supported BW and lowest SCS supported by the UE. | | | | | | | |

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

| NR or E-UTRA Band / Channel bandwidth / NRB / MSD | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| EN-DC Configuration | EUTRA / NR band | UL Fc  (MHz) | UL/DL BW  (MHz) | UL  LCRB | DL Fc (MHz) | MSD  (dB) | IMD order |
| DC\_1A-3A\_n28A  DC\_1A-3C\_n28A | 1 | 1975 | 5 | 25 | 2165 | N/A | N/A |
|  | n28 | 710.5 | 5 | 25 | 765.5 | N/A | N/A |
|  | 3 | 1723.5 | 5 | 25 | 1818.5 | 4.0 | IMD5 |
| DC\_1A\_n3A-n28A | 1 | 1975 | 5 | 25 | 2165 | N/A | N/A |
|  | n28 | 710.5 | 5 | 25 | 765.5 | N/A | N/A |
|  | n3 | 1723.5 | 5 | 25 | 1818.5 | 4.0 | IMD5 |
| DC\_1A-3A\_n28A  DC\_1A-3C\_n28A | 3 | 1780 | 5 | 25 | 1875 | N/A | N/A |
|  | n28 | 710.5 | 5 | 25 | 765.5 | N/A | N/A |
|  | 1 | 1949 | 5 | 25 | 2139 | 11.0 | IMD4 |
| DC\_1A\_n3A-n41A | 1 | 1977.5 | 5 | 25 | 2167.5 | N/A | N/A |
|  | n3 | 1712.5 | 5 | 25 | 1807.5 | N/A | N/A |
|  | n41 | 2507.5 | 5 | 25 | 2507.5 | 5.0 | IMD5 |
| DC\_1A-3A\_n71A  DC\_1A-3A\_n71B | 1 | 1960 | 5 | 25 | 2150 | 5 | IMD4 |
|  | 3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
|  | n71 | 675 | 5 | 25 | 629 | N/A | N/A |
| DC\_1A-7A\_n28A  DC\_1A-7C\_n28A | 1 | 1935 | 5 | 25 | 2125 | N/A | N/A |
|  | n28 | 718 | 5 | 25 | 773 | N/A | N/A |
|  | 7 | 2533 | 10 | 50 | 2653 | 30.0 | IMD2 |
| DC\_1A-7A\_n40A | 1 | 1970 | 5 | 25 | 2160 | N/A | N/A |
|  | 7 | 2510 | 5 | 25 | 2630 | 23 | IMD3 |
|  | n40 | 2390 | 5 | 25 | 2390 | N/A | N/A |
|  | 1 | 1930 | 5 | 25 | 2120 | 16.4 | IMD3 |
|  | 7 | 2530 | 5 | 25 | 2650 | N/A | N/A |
|  | n40 | 2310 | 5 | 25 | 2310 | N/A | N/A |
| DC\_1A-8A\_n78A | 1 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 8 | N/A | N/A | N/A | N/A | N/A | IMD5 |
|  | n78 | N/A | N/A | N/A | N/A | N/A | N/A |
| DC\_1A-3A\_n77A  DC\_1A-3C\_n77A  DC\_1A-3C\_n77(2A) | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | 3 | 1712.5 | 5 | 25 | 1807.5 | 31.5 | IMD2 |
|  | n77 | 3757.5 | 10 | 50 | 3757.5 | N/A | N/A |
|  | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | 3 | 1775 | 5 | 25 | 1870 | 8.5 | IMD4 |
|  | n77 | 3980 | 10 | 50 | 3980 | N/A | N/A |
|  | 1 | 1950 | 5 | 25 | 2140 | 31.0 | IMD2 |
|  | 3 | 1775 | 5 | 25 | 1870 | N/A | N/A |
|  | n77 | 3915 | 10 | 50 | 3915 | N/A | N/A |
| DC\_1A\_n3A-n77A  DC\_1A\_n3A-n77(2A) | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | n3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
|  | n77 | 3700 | 10 | 50 | 3700 | 28.4 | IMD2 |
|  | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | n3 | 1770 | 5 | 25 | 1865 | N/A | N/A |
|  | n77 | 3360 | 10 | 50 | 3360 | 11.2 | IMD4 |
|  | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | n77 | 3757.5 | 10 | 50 | 3757.5 | N/A | N/A |
|  | n3 | 1712.5 | 5 | 25 | 1807.5 | 31.5 | IMD2 |
|  | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | n77 | 3980 | 10 | 50 | 3980 | N/A | N/A |
|  | n3 | 1775 | 5 | 25 | 1870 | 8.5 | IMD4 |
| DC\_1A-3A\_n78A  DC\_1A-3C\_n78A  DC\_1A-3A\_n78(2A)  DC\_1A-3C\_n78(2A) | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | 3 | 1712.5 | 5 | 25 | 1807.5 | 31.2 | IMD2 |
|  | n78 | 3757.5 | 10 | 50 | 3757.5 | N/A | N/A |
|  | 1 | 1935 | 5 | 25 | 2125 | 2.8 | IMD5 |
|  | 3 | 1775 | 5 | 25 | 1870 | N/A | N/A |
|  | n78 | 3725 | 10 | 50 | 3725 | N/A | N/A |
| DC\_1A\_n3A-n78A | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | n3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
|  | n78 | 3700 | 10 | 50 | 3700 | 28.4 | IMD2 |
|  | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | n3 | 1735 | 5 | 25 | 1830 | 27.9 | IMD2 |
|  | n78 | 3780 | 10 | 50 | 3780 | N/A | N/A |
| DC\_1A-5A\_n78A  DC\_1A-5A\_n78C | 1 | 1932 | 5 | 25 | 2122 | 18.1 | IMD3 |
|  | 5 | 829 | 5 | 25 | 874 | N/A | N/A |
|  | n78 | 3780 | 10 | 50 | 3780 | N/A | N/A |
|  | 1 | 1975 | 5 | 25 | 2165 | N/A | N/A |
|  | 5 | 840 | 5 | 25 | 885 | 3.1 | IMD5 |
|  | n78 | 3405 | 10 | 50 | 3405 | N/A | N/A |
| DC\_1A-7A\_n78A  DC\_1A-7C\_n78A  DC\_1A-7A\_n78(2A)  DC\_1A-7C\_n78(2A)  DC\_1A-7A\_n78C  DC\_1A-7A-7A\_n78C | 1 | 1977.5 | 5 | 25 | 2167.5 | N/A | N/A |
|  | 7 | 2507.5 | 5 | 25 | 2627.5 | 9.1 | IMD4 |
|  | n78 | 3305 | 10 | 50 | 3305 | N/A | N/A |
|  | 1 | 1950 | 5 | 25 | 2140 | 8.7 | IMD4 |
|  | 7 | 2510 | 10 | 50 | 2630 | N/A | N/A |
|  | n78 | 3580 | 10 | 50 | 3580 | N/A | N/A |
| DC\_1A\_n7A-n78A  DC\_1A\_n7B-n78A | 1 | 1977.5 | 5 | 25 | 2167.5 | N/A | N/A |
|  | n7 | 2507.5 | 5 | 25 | 2627.5 | 9.1 | IMD4 |
|  | n78 | 3305 | 10 | 50 | 3305 | N/A | N/A |
|  | 1 | 1970 | 5 | 25 | 2160 | N/A | N/A |
|  | n7 | 2520 | 5 | 25 | 2640 | N/A | N/A |
|  | n78 | 3390 | 10 | 50 | 3390 | 10.1 | IMD4 |
| DC\_1A-3A\_n79A | 1 | 1950 | 5 | 25 | 2140 | 3.6 | IMD5 |
|  | 3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
|  | n79 | 4860 | 40 | 216 | 4860 | N/A | N/A |
| DC\_1A-5A\_n79A | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | 5 | 837.5 | 5 | 25 | 882.5 | 18.3 | IMD3 |
|  | n79 | 4782.5 | 40 | 216 | 4782.5 | N/A | N/A |
|  | 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
|  | 5 | 837.5 | 5 | 25 | 882.5 | 8.9 | IMD4 |
|  | n79 | 4907.5 | 40 | 216 | 4907.5 | N/A | N/A |
|  | 1 | 1950 | 5 | 25 | 2140 | 8.1 | IMD4 |
|  | 5 | 837.5 | 5 | 25 | 882.5 | N/A | N/A |
|  | n79 | 4652.5 | 40 | 216 | 4652.5 | N/A | N/A |
| DC\_1A-8A\_n28A | 1 | 1970 | 5 | 25 | 2160 | N/A | N/A |
|  | n28 | 730 | 5 | 25 | 785 | N/A | N/A |
|  | 8 | 905 | 5 | 25 | 950 | 3.3 | IMD5 |
| DC\_1A\_n8A-n40A | 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
|  | n8 | 885 | 5 | 25 | 930 | 8.0 | IMD4 |
|  | n40 | 2395 | 5 | 25 | 2395 | N/A | N/A |
| DC\_1A-8A\_n77A | 1 | 1955 | 5 | 25 | 2145 | N/A | N/A |
|  | n77 | 3410 | 10 | 50 | 3410 | N/A | N/A |
|  | 8 | 910 | 5 | 25 | 955 | 3.3 | IMD5 |
| DC\_1A-8A\_n77A | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | n77 | 3960 | 10 | 50 | 3960 | N/A | N/A |
|  | 1 | 1950 | 5 | 25 | 2140 | 14.4 | IMD3 |
| DC\_1A\_n8A-n78A | 1 | 1945 | 5 | 25 | 2135 | N/A | N/A |
|  | n8 | 900 | 5 | 25 | 945 | N/A | N/A |
|  | n78 | 3745 | 10 | 52 | 3745 | 14.9 | IMD3 |
|  | 1 | 1940 | 5 | 25 | 2130 | N/A | N/A |
|  | n8 | 895 | 5 | 25 | 940 | 3.3 | IMD5 |
|  | n78 | 3380 | 10 | 52 | 3330 | N/A | N/A |
| DC\_1A-8A\_n79A | 1 | 1935 | 5 | 25 | 2125 | N/A | N/A |
|  | n79 | 4815 | 40 | 216 | 4815 | N/A | N/A |
|  | 8 | 900 | 5 | 25 | 945 | 15.8 | IMD3 |
| DC\_1A-8A\_n79A | 8 | 900 | 5 | 25 | 945 | N/A | N/A |
|  | n79 | 4845 | 40 | 216 | 4845 | N/A | N/A |
|  | 1 | 1955 | 5 | 25 | 2145 | 8.2 | IMD4 |
| DC\_1A-11A\_n3A | 1 | 1960 | 5 | 25 | 2150 | N/A | N/A |
|  | n3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | 11 | 1432 | 5 | 25 | 1480 | 15.2 | IMD3 |
| DC\_1A-11A\_n28A | 11 | 1440 | 5 | 25 | 1488 | N/A | N/A |
| n28 | 710 | 5 | 25 | 765 | N/A | N/A |
| 1 | 1960 | 5 | 25 | 2150 | 28.3 | IMD21 |
| DC\_1A-11A\_n77A | 1 | 1955 | 5 | 25 | 2145 | N/A | N/A |
|  | n77 | 3441 | 10 | 50 | 3441 | N/A | N/A |
|  | 11 | 1438 | 5 | 25 | 1486 | 31.4 | IMD2 |
| DC\_1A-11A\_n77A | 11 | 1438 | 5 | 25 | 1486 | N/A | N/A |
|  | n77 | 3578 | 10 | 50 | 3578 | N/A | N/A |
|  | 1 | 1950 | 5 | 25 | 2140 | 30.8 | IMD2 |
| DC\_1A-11A\_n78A | 1 | 1955 | 5 | 25 | 2145 | N/A | N/A |
|  | n78 | 3441 | 10 | 50 | 3441 | N/A | N/A |
|  | 11 | 1438 | 5 | 25 | 1486 | 31.4 | IMD2 |
| DC\_1A-11A\_n78A | 11 | 1438 | 5 | 25 | 1486 | N/A | N/A |
|  | n78 | 3578 | 10 | 50 | 3578 | N/A | N/A |
|  | 1 | 1950 | 5 | 25 | 2140 | 30.8 | IMD2 |
| DC\_1A-18A\_n77A  DC\_1A-18A\_n77(2A) | 1 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 18 | N/A | N/A | N/A | N/A | N/A | IMD5 |
|  | n77 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 1 | 1930 | 5 | 25 | 2120 | 16.4 | IMD3 |
|  | 18 | 825 | 5 | 25 | 870 | N/A | N/A |
|  | n77 | 3770 | 10 | 50 | 3770 | N/A | N/A |
| DC\_1A-18A\_n78A  DC\_1A-18A\_n78(2A) | 1 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 18 | N/A | N/A | N/A | N/A | N/A | IMD5 |
|  | n78 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 1 | 1930 | 5 | 25 | 2120 | 16.4 | IMD3 |
|  | 18 | 819 | 5 | 25 | 864 | N/A | N/A |
|  | n78 | 3758 | 10 | 50 | 3758 | N/A | N/A |
| DC\_1A-18A\_n79A | 1 | 1935 | 5 | 25 | 2125 | N/A | N/A |
|  | 18 | 822.5 | 5 | 25 | 867.5 | 18.3 | IMD3 |
|  | n79 | 4737.5 | 40 | 216 | 4737.5 | N/A | N/A |
|  | 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
|  | 18 | 820 | 5 | 25 | 865 | 8.9 | IMD4 |
|  | n79 | 4925 | 40 | 216 | 4925 | N/A | N/A |
|  | 1 | 1935 | 5 | 25 | 2125 | 8.1 | IMD4 |
|  | 18 | 822.5 | 5 | 25 | 867.5 | N/A | N/A |
|  | n79 | 4592.5 | 40 | 216 | 4592.5 | N/A | N/A |
| DC\_1A-19A\_n77A  DC\_1A-19A\_n78A | 1 | 1940 | 5 | 25 | 2130 | 17.8 | IMD3 |
|  | 19 | 832.5 | 5 | 25 | 877.5 | N/A | N/A |
|  | n77, n78 | 3795 | 10 | 50 | 3795 | N/A | N/A |
|  | 1 | N/A | N/A | N/A | N/A | N/A | IMD5 |
|  | 19 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | n78 | N/A | N/A | N/A | N/A | N/A | IMD5 |
| DC\_1A\_n28A-n41A | 1 | 1935 | 5 | 25 | 2125 | N/A | N/A |
|  | n28 | 718 | 5 | 25 | 773 | N/A | N/A |
|  | n41 | 2653 | 10 | 50 | 2653 | 30.1 | IMD2 |
|  | 1 | 1923 | 5 | 25 | 2113 | N/A | N/A |
|  | n41 | 2685 | 10 | 50 | 2685 | N/A | N/A |
|  | n28 | 707 | 5 | 25 | 762 | 29.3 | IMD2 |
|  | 1 | 1935 | 5 | 25 | 2125 | N/A | N/A |
|  | n41 | 2510 | 10 | 50 | 2510 | N/A | N/A |
|  | n28 | 730 | 10 | 50 | 785 | 4.5 | IMD5 |
| DC\_1A-20A\_n8A | 1 | 1925 | 5 | 25 | 2115 | N/A | N/A |
|  | n8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | 20 | 846 | 5 | 25 | 805 | 11.5 | IMD4 |
| DC\_1A-20A\_n38A | 1 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 20 | N/A | N/A | N/A | N/A | N/A | IMD5 |
|  | n38 | N/A | N/A | N/A | N/A | N/A | N/A |
| DC\_1A-28A\_n3A | 28 | 710.5 | 5 | 25 | 765.5 | N/A | N/A |
|  | n3 | 1780 | 5 | 25 | 1875 | N/A | N/A |
|  | 1 | 1949 | 5 | 25 | 2139 | 11.0 | IMD4 |
| DC\_1A-28A\_n7A  DC\_1A-1A-28A\_n7A  DC\_1A-28A\_n7B  DC\_1A-1A-28A\_n7B | 1 | 1935 | 5 | 25 | 2125 | N/A | N/A |
|  | 28 | 730 | 10 | 50 | 785 | 4.5 | IMD5 |
|  | n7 | 2510 | 10 | 50 | 2630 | N/A | N/A |
| DC\_1A-19A\_n79A | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | 19 | 837.5 | 5 | 25 | 882.5 | 18.3 | IMD3 |
|  | n79 | 4782.5 | 40 | 216 | 4782.5 | N/A | N/A |
|  | 1 | 1950 | 5 | 25 | 2140 | 8.1 | IMD4 |
|  | 19 | 837.5 | 5 | 25 | 882.5 | N/A | N/A |
|  | n79 | 4652.5 | 40 | 216 | 4652.5 | N/A | N/A |
| DC\_1A-20A\_n78A | 1 | 1930 | 5 | 25 | 2120 | 20.3 | IMD3 |
|  | 20 | 835 | 5 | 25 | 794 | N/A | N/A |
|  | n78 | 3790 | 10 | 50 | 3790 | N/A | N/A |
| DC\_1A-20A\_n78A | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | 20 | 851 | 5 | 25 | 810 | 3.0 | IMD5 |
|  | n78 | 3330 | 10 | 50 | 3330 | N/A | N/A |
| DC\_1A-21A\_n28A9 | 1 | 1975.3 | 5 | 25 | 2165.3 | 16.1 | IMD3 |
| 21 | 1450.4 | 5 | 25 | 1498.4 | N/A | N/A |
| n28 | 735.5 | 5 | 25 | 790.5 | N/A | N/A |
| DC\_1A-21A\_n77A  DC\_1A-21A\_n78A | 1 | 1964.6 | 5 | 25 | 2154.6 | 30.6 | IMD2 |
|  | 21 | 1450.4 | 5 | 25 | 1498.4 | N/A | N/A |
|  | n77, n78 | 3605 | 10 | 50 | 3605 | N/A | N/A |
|  | 1 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 21 | N/A | N/A | N/A | N/A | N/A | IMD2 |
|  | n78 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | 21 | 1452 | 5 | 25 | 1500 | 2.9 | IMD5 |
|  | n77, n78 | 3675 | 10 | 50 | 3675 | N/A | N/A |
| DC\_1A-21A\_n79A | 1 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 21 | N/A | N/A | N/A | N/A | N/A | IMD4 |
|  | n79 | N/A | N/A | N/A | N/A | N/A | N/A |
| DC\_1A\_n28A-n40A | 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
|  | n28 | 743 | 5 | 25 | 798 | N/A | N/A |
|  | n40 | 2374 | 5 | 25 | 2374 | 10.1 | IMD4 |
|  | 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
|  | n28 | 713 | 5 | 25 | 768 | 8.6 | IMD4 |
|  | n40 | 2314 | 5 | 25 | 2314 | N/A | N/A |
| DC\_1A-28A\_n40A | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | 28 | 725 | 5 | 25 | 780 | 8.9 | IMD4 |
|  | n40 | 2340 | 5 | 25 | 2340 | N/A | N/A |
| DC\_1A-28A\_n77A | 1 | 1960 | 5 | 25 | 2150 | 15.8 | IMD3 |
|  | 28 | 740 | 5 | 25 | 795 | N/A | N/A |
|  | n77 | 3630 | 10 | 50 | 3630 | N/A | N/A |
| DC\_1A-28A\_n77A | 1 | 1960 | 5 | 25 | 2150 | N/A | N/A |
|  | 28 | 725 | 5 | 25 | 780 | 4.3 | IMD5 |
|  | n77 | 3330 | 10 | 50 | 3330 | N/A | N/A |
| DC\_1A-28A\_n77A DC\_1A-28A\_n78A | 1 | 1960 | 5 | 25 | 2150 | 15.7 | IMD3 |
|  | 28 | 740 | 5 | 25 | 795 | N/A | N/A |
|  | n77/n78 | 3630 | 10 | 50 | 3630 | N/A | N/A |
| DC\_1A-28A\_n77A DC\_1A-28A\_n78A | 1 | 1970 | 5 | 25 | 2160 | N/A | N/A |
|  | 28 | 739 | 5 | 25 | 794 | 4.2 | IMD5 |
|  | n77/n78 | 3352 | 10 | 50 | 3352 | N/A | N/A |
| DC\_1A\_n28A-n78A | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | n28 | 733 | 5 | 25 | 788 | N/A | N/A |
|  | n78 | 3416 | 10 | 50 | 3416 | 15.7 | IMD3 |
|  | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | n78 | 3320 | 10 | 50 | 3320 | N/A | N/A |
|  | n28 | 735 | 5 | 25 | 790 | 3.3 | IMD5 |
| DC\_1A-28A\_n79A | 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
|  | 28 | 733 | 5 | 25 | 788 | 15.2 | IMD3 |
|  | n79 | 4648 | 40 | 216 | 4648 | N/A | N/A |
|  | 1 | 1925 | 5 | 25 | 2115 | N/A | N/A |
|  | 28 | 740 | 5 | 25 | 795 | 10.0 | IMD4 |
|  | n79 | 4980 | 40 | 216 | 4980 | N/A | N/A |
|  | 1 | 1977.5 | 5 | 25 | 2167.5 | 1.2 | IMD4 |
|  | 28 | 745.5 | 5 | 25 | 800.5 | N/A | N/A |
|  | n79 | 4420 | 40 | 216 | 4420 | N/A | N/A |
|  | 1 | 1935 | 5 | 25 | 2125 | 4.5 | IMD5 |
|  | 28 | 718 | 5 | 25 | 773 | N/A | N/A |
|  | n79 | 4807 | 40 | 216 | 4807 | N/A | N/A |
| DC\_1A-32A\_n3A | n3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | 32 | N/A | 5 | 25 | 1480 | 15.2 | IMD34 |
|  | 1 | 1960 | 5 | 25 | 2150 | N/A | N/A |
| DC\_1A-32A\_n78A  DC\_1A-32A\_n78(2A) | 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
|  | 32 | N/A | 5 | 25 | 1470 | 31.8 | IMD2 |
|  | n78 | 3400 | 10 | 50 | 3400 | N/A | N/A |
|  | 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
|  | 32 | N/A | 5 | 25 | 1470 | 0 | IMD5 |
|  | n78 | 3630 | 10 | 50 | 3630 | N/A | N/A |
| DC\_1A-40A\_n78A  DC\_1A-40C\_n78A | 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
|  | 40 | 2340 | 5 | 25 | 2340 | 10.6 | IMD4 |
|  | n78 | 3450 | 10 | 50 | 3450 | N/A | N/A |
|  | 1 | 1950 | 5 | 25 | 2140 | 9.1 | IMD4 |
|  | 40 | 2360 | 5 | 25 | 2360 | N/A | N/A |
|  | n78 | 3430 | 10 | 50 | 3430 | N/A | N/A |
| DC\_1A\_n40A-n78A  DC\_1A\_n40A-n78(2A) | 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
|  | n40 | 2340 | 5 | 25 | 2340 | N/A | N/A |
|  | n78 | 3450 | 10 | 50 | 3450 | 9.8 | IMD4 |
|  | 1 | 1960 | 5 | 25 | 2150 | N/A | N/A |
|  | n40 | 2360 | 5 | 25 | 2360 | 10.6 | IMD4 |
|  | n78 | 3520 | 10 | 50 | 3520 | N/A | N/A |
| DC\_1A-41A\_n3A  DC\_1A-41C\_n3A | 1 | 1977.5 | 5 | 25 | 2167.5 | N/A | N/A |
|  | n3 | 1712.5 | 5 | 25 | 1807.5 | N/A | N/A |
|  | 41 | 2507.5 | 5 | 25 | 2507.5 | 5.0 | IMD5 |
| DC\_1A-41A\_n28A | 1 | 1935 | 5 | 25 | 2125 | N/A | N/A |
|  | n28 | 718 | 5 | 25 | 773 | N/A | N/A |
|  | 41 | 2653 | 10 | 50 | 2653 | 30 | IMD2 |
| DC\_1A-41A\_n77A  DC\_1A-41C\_n77A  DC\_1A-41A\_n77(2A)  DC\_1A-41C\_n77(2A) | 1 | 1970 | 5 | 25 | 2160 | N/A | N/A |
|  | n77 | 3400 | 10 | 50 | 3400 | N/A |  |
|  | 41 | 2510 | 5 | 25 | 2510 | N/A | IMD4 |
|  | 1 | 1950 | 5 | 25 | 2140 | 9.3 | IMD4 |
|  | n77 | 3710 | 10 | 50 | 3710 | N/A | N/A |
|  | 41 | 2640 | 5 | 25 | 2640 | N/A | N/A |
|  | 1 | 1930 | 5 | 25 | 2120 | 11.0 | N/A |
|  | n77 | 4150 | 10 | 50 | 4150 | N/A |  |
|  | 41 | 2510 | 5 | 25 | 2510 | N/A | IMD5 |
| DC\_1A-41A\_n78A  DC\_1A-41C\_n78A  DC\_1A-41A\_n78(2A)  DC\_1A-41C\_n78(2A) | 1 | 1950 | 5 | 25 | 2140 | 9.3 | IMD4 |
|  | 41 | 2640 | 5 | 25 | 2640 | N/A | N/A |
|  | n78 | 3710 | 10 | 50 | 3710 | N/A | N/A |
|  | 1 | 1975 | 5 | 25 | 2165 | N/A | N/A |
|  | 41 | 2515 | 5 | 25 | 2515 | 12 | IMD4 |
|  | n78 | 3410 | 10 | 50 | 3410 | N/A | N/A |
| DC\_1A-41A\_n78A | 1 | 1955 | 5 | 25 | 2145 | 8.7 | IMD4 |
|  | 41 | 2507.5 | 10 | 50 | 2507.5 | N/A | N/A |
|  | n78 | 3580 | 10 | 50 | 3580 | N/A | N/A |
| DC\_1A\_n41A-n77A  DC\_1A\_n41A-n78A | 1 | 1975 | 5 | 25 | 2165 | N/A | N/A |
|  | n41 | 2515 | 10 | 50 | 2515 | 11.5 | IMD4 |
|  | n78 | 3410 | 10 | 50 | 3410 | N/A | N/A |
|  | 1 | 1970 | 5 | 25 | 2160 | N/A | N/A |
|  | n41 | 2650 | 10 | 25 | 2650 | N/A | N/A |
|  | n78 | 3330 | 10 | 50 | 3330 | 19.6 | IMD3 |
| DC\_1A-41A\_n79A | 1 | 1970 | 5 | 25 | 2160 | N/A | N/A |
|  | n79 | 4500 | 40 | 216 | 4500 | N/A |  |
|  | 41 | 2530 | 5 | 25 | 2530 | 29.4 | IMD2 |
| DC\_1A\_n75A-n78A  DC\_1A\_n75A-n78(2A) | 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
|  | n78 | 3400 | 10 | 50 | 3400 | N/A | N/A |
|  | n75 | - | - | - | 1470 | 30.4 | IMD2 |
| DC\_1A-42A\_n3A | 1 | 1922.5 | 5 | 25 | 2112.5 | N/A | N/A |
|  | n3 | 1782.5 | 5 | 25 | 1877.5 | N/A | N/A |
|  | 42 | 3425 | 5 | 25 | 3425 | 13.0 | IMD4 |
| DC\_1A-42A\_n28A | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | n28 | 733 | 5 | 25 | 788 | N/A | N/A |
|  | 42 | 3416 | 5 | 25 | 3416 | 15.7 | IMD3 |
| DC\_1A-42A\_n28A | 42 | 3580 | 5 | 25 | 3580 | N/A | N/A |
|  | n28 | 723 | 5 | 25 | 778 | N/A | N/A |
|  | 1 | 1944 | 5 | 25 | 2134 | 15.7 | IMD3 |
| DC\_1A-42A\_n79A | 1 | 1977.5 | 5 | 25 | 2167.5 | N/A | N/A |
|  | n79 | 4420 | 40 | 216 | 4420 | N/A | N/A |
|  | 42 | 3490 | 5 | 25 | 3490 | 4.8 | IMD5 |
|  | 42 | 3402.5 | 5 | 25 | 3402.5 | N/A | N/A |
|  | n79 | 4640 | 40 | 216 | 4640 | N/A | N/A |
|  | 1 | 1975 | 5 | 25 | 2165 | 15.5 | IMD3 |
|  | 42 | 3450 | 5 | 25 | 3450 | N/A | N/A |
|  | n79 | 4520 | 40 | 216 | 4520 | N/A | N/A |
|  | 1 | 1950 | 5 | 25 | 2140 | 9.3 | IMD4 |
| DC\_1A\_SUL\_n77A-n80A | 1 | 1950 | 5 | 25 | 2140 | 23 | IMD3 |
|  | n80 | 1760 | 5 | 25 |  | N/A | N/A |
| DC\_1A\_SUL\_n77A-n80A | 1 | 1922.5 | 5 | 25 | 2112.5 | N/A | N/A |
|  | n80 | 1782.5 | 5 | 25 |  | N/A | N/A |
|  | n78 | 3425 | 10 | 50 | 3425 | 13.0 | IMD4 |
| DC\_1A\_n78A-n79A | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | n78 | 3410 | 10 | 50 | 3410 | N/A | N/A |
|  | n79 | 4870 | 40 | 216 | 4870 | 15.9 | IMD3 |
|  | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | n79 | 4670 | 40 | 216 | 4670 | N/A | N/A |
|  | n78 | 3490 | 10 | 50 | 3490 | 4.6 | IMD5 |
| DC\_1A\_SUL\_n78A-n80A | 1 | 1950 | 5 | 25 | 2140 | 23 | IMD3 |
|  | n80 | 1760 | 5 | 25 |  | N/A | N/A |
|  | 1 | 1922.5 | 5 | 25 | 2112.5 | N/A | N/A |
|  | n80 | 1782.5 | 5 | 25 |  | N/A | N/A |
|  | n78 | 3425 | 10 | 50 | 3425 | 13.0 | IMD4 |
| DC\_2A-4A\_n28A | 2 | 1880 | 5 | 25 | 1960 | 11.0 | IMD4 |
|  | 4 | 1720 | 5 | 25 | 2120 | N/A | N/A |
|  | n28 | 740 | 5 | 25 | 795 | N/A | N/A |
| DC\_2A-4A\_n41A | 2 | 1860 | 5 | 25 | 1940 | 11.0 | IMD4 |
|  | 4 | 1715 | 5 | 25 | 2115 | N/A | N/A |
|  | n41 | 2685 | 10 | 50 | 2685 | N/A | N/A |
| DC\_2A-5A\_n12A8 | 2 | 1900 | 5 | 25 | 1980 | 5.9 | IMD5 |
|  | 5 | 840 | 5 | 25 | 885 | N/A | N/A |
|  | n12 | 705 | 5 | 25 | 735 | N/A | N/A |
| DC\_2A-5A\_n48A  DC\_2A-5A\_n48B | 2 | 1882 | 5 | 25 | 1962 | 15.6 | IMD3  | fn48-2\*fB5| |
|  | 5 | 839 | 5 | 25 | 884 | N/A | N/A |
|  | n48 | 3640 | 5 | 25 | 3640 | N/A | N/A |
| DC\_2A-5A\_n71A | 2 | 1855 | 5 | 25 | 1935 | N/A | N/A |
|  | n71 | 686.5 | 5 | 25 | 640.5 | N/A | N/A |
|  | 5 | 846.5 | 5 | 25 | 891.5 | 4.2 | IMD5 |
| DC\_2A\_n5A-n77A | 2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
|  | n5 | 830 | 5 | 25 | 875 | N/A | N/A |
|  | n77 | 3540 | 10 | 50 | 3540 | 16.0 | IMD3 |
|  | 2 | 1907 | 5 | 25 | 1987 | N/A | N/A |
|  | n5 | 844 | 5 | 25 | 889 | 3.8 | IMD5 |
|  | n77 | 3305 | 10 | 50 | 3305 | N/A | N/A |
| DC\_2A-5A\_n77A | 2 | 1907.5 | 5 | 25 | 1987.5 | N/A | N/A |
|  | 5 | 842.5 | 5 | 25 | 887.5 | 3.8 | IMD5 |
|  | n77 | 3305 | 5 | 25 | 3305 | N/A | N/A |
|  | 2 | 1907 | 5 | 25 | 1987 | 16.5 | IMD3 |
|  | 5 | 846.5 | 5 | 25 | 891.5 | N/A | N/A |
|  | n77 | 3680 | 5 | 25 | 3680 | N/A | N/A |
| DC\_2A-7A\_n5A  DC\_2A-7C\_n5A  DC\_2A-7A-7A\_n5A | 2 | 1855 | 10 | 50 | 1935 | N/A | N/A |
|  | 7 | 2575 | 10 | 50 | 2685 | 30.0 | IMD2 |
|  | n5 | 830 | 5 | 25 | 875 | N/A | N/A |
| DC\_2A-7A\_n28A | 2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
|  | 7 | 1720 | 5 | 25 | 2120 | 29.0 | IMD2 |
|  | n28 | 740 | 5 | 25 | 795 | N/A | N/A |
| DC\_2A-7A\_n77A  DC\_2A-7C\_n77A  DC\_2A-7A-7A\_n77A  DC\_2A-7A\_n77(2A)  DC\_2A-7C\_n77(2A)  DC\_2A-7A-7A\_n77(2A) | 2 | 1870 | 5 | 25 | 1950 | 8.6 | IMD4 |
|  | 7 | 2550 | 5 | 25 | 2685 | N/A | N/A |
|  | n77 | 3525 | 10 | 50 | 3475 | N/A | N/A |
|  | 2 | 1860 | 5 | 25 | 1940 | N/A | N/A |
|  | 7 | 2540 | 5 | 25 | 2660 | 3.4 | IMD5 |
|  | n77 | 4120 | 10 | 50 | 4120 | N/A | N/A |
| DC\_2A-7A\_n78A  DC\_2A-2A-7A\_n78A  DC\_2A-7C\_n78A  DC\_2A-7A-7A\_n78A  DC\_2A-7A\_n78(2A)  DC\_2A-7C\_n78(2A)  DC\_2A-7A-7A\_n78(2A) | 2 | 1870 | 5 | 25 | 1950 | 8.6 | IMD4 |
|  | 7 | 2550 | 5 | 25 | 2685 | N/A | N/A |
|  | n78 | 3525 | 10 | 50 | 3475 | N/A | N/A |
| DC\_2A\_n7A-n78A,  DC\_2A\_n7(2A)-n78A  DC\_2A\_n7A-n78(2A)  DC\_2A\_n7(2A)-n78(2A) | 2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
|  | n7 | 2525 | 5 | 25 | 2645 | N/A | N/A |
|  | n78 | 3775 | 10 | 50 | 3775 | 4.2 | IMD5 |
| DC\_2-8\_n2 | 2 | 1860 | 5 | 25 | 1940 | 4 | IMD4 |
|  | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | n2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
| DC\_2A-12A\_n5A | 2 | 1900 | 5 | 25 | 1980 | 5.9 | IMD5 |
|  | 12 | 705 | 5 | 25 | 735 | N/A | N/A |
|  | n5 | 840 | 5 | 25 | 885 | N/A | N/A |
| DC\_2A-12A\_n41A DC\_2A-2A-12A\_n41A | 2 | 1872 | 5 | 25 | 1952 | 26 | IMD2 |
| 12 | 708 | 5 | 50 | 738 | N/A | N/A |
| n41 | 2660 | 10 | 50 | 2660 | N/A | N/A |
| 2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
| 12 | 708 | 5 | 50 | 738 | 28.7 | IMD24 |
| n41 | 2638 | 10 | 50 | 2638 | N/A | N/A |
| DC\_2A\_12A-n66A | 2 | N/A | N/A | N/A | N/A | N/A | IMD4 |
|  | 12 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | n66 | N/A | N/A | N/A | N/A | N/A | N/A |
| DC\_2A-12A\_n78A DC\_2A-2A-12A\_n78A | 2 | 1874 | 5 | 25 | 1954 | 16.5 | IMD3 |
| 12 | 708 | 5 | 25 | 738 | N/A | N/A |
| n78 | 3370 | 10 | 50 | 3370 | N/A | N/A |
| DC\_2A-13A\_n48A  DC\_2A-13A\_n48B | 2 | 1903.5 | 5 | 25 | 1983.5 | 15.6 | IMD3  | fn48-2\*fB13| |
|  | 13 | 784.5 | 5 | 25 | 753.5 | N/A | N/A |
|  | n48 | 3552.5 | 5 | 25 | 3552.5 | N/A | N/A |
| DC\_2A-13A\_n66A  DC\_2A-2A-13A\_n66A | 2 | 1860 | 5 | 25 | 1940 | 6.2 | IMD4 |
|  | 13 | 780 | 10 | 50 | 749 | N/A | N/A |
|  | n66 | 1750 | 5 | 25 | 2150 | N/A | N/A |
| DC\_2A-13A\_n77A | 2 | 1864 | 5 | 25 | 1944 | 16.0 | IMD3 |
|  | 13 | 783 | 5 | 25 | 752 | N/A | N/A |
|  | n77 | 3510 | 5 | 25 | 3510 | N/A | N/A |
| DC\_2A\_n38A-n78A | 2 | 1870 | 5 | 25 | 1950 | N/A | N/A |
|  | n38 | 2610 | 5 | 25 | 2610 | N/A | N/A |
|  | n78 | 3350 | 10 | 50 | 3350 | 14.8 | IMD3 |
| DC\_2A-14A\_n66A | 2 | 1874 | 5 | 25 | 1954 | 7.2 | IMD4 |
|  | 14 | 793 | 5 | 25 | 763 | N/A | N/A |
|  | 66 | 1770 | 5 | 25 | 2170 | N/A | N/A |
| DC\_2A-28A\_n66A | 2 | 1900 | 5 | 25 | 1980 | 11 | IMD4 |
|  | 28 | 730 | 5 | 25 | 785 | N/A | N/A |
|  | n66 | 1720 | 5 | 25 | 2120 | N/A | N/A |
| DC\_2A\_n41A-n71A | 2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
|  | n41 | 2530 | 10 | 50 | 2530 | N/A | N/A |
|  | n71 | 676 | 5 | 50 | 630 | 28.7 | IMD2 |
|  | 2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
|  | n41 | 2586 | 10 | 50 | 2586 | 29.2 | IMD2 |
|  | n71 | 686 | 5 | 50 | 640 | N/A | N/A |
| DC\_2A-46A\_n66A5  DC\_2A-46C\_n66A5  DC\_2A-46D\_n66A5 | 2 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 46 | N/A | N/A | N/A | N/A | N/A | IMD3,  IMD5 |
|  | n66 | N/A | N/A | N/A | N/A | N/A | N/A |
| DC\_2A-48A\_n5A | 2 | 1870 | 5 | 25 | 1950 | 16.9 | IMD3 |
|  | 48 | 3610 | 10 | 50 | 3610 | N/A | N/A |
|  | n5 | 830 | 5 | 25 | 875 | N/A | N/A |
|  | 2 | 1890 | 5 | 25 | 1970 | N/A | N/A |
|  | 48 | 3570 | 5 | 25 | 3570 | 16.2 | IMD3 |
|  | n5 | 840 | 5 | 25 | 885 | N/A | N/A |
| DC\_2A-48A\_n66A  DC\_2A-48C\_n66A  DC\_2A-48D\_n66A | 2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
|  | 48 | 3620 | 10 | 50 | 3620 | 29.4 | IMD2 |
|  | n66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
|  | 2 | 1880 | 5 | 25 | 1960 | 28.3 | IMD2 |
|  | 48 | 3695 | 5 | 25 | 3695 | N/A | N/A |
|  | n66 | 1735 | 5 | 25 | 2135 | N/A | N/A |
| DC\_2A\_n48A-n66A | 2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
|  | n48 | 3620 | 10 | 50 | 3620 | 29.4 | IMD2 |
|  | n66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
| DC\_2A-66A\_n5A | 2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
|  | 66 | 1740 | 5 | 25 | 2140 | 7.2 | IMD4 |
|  | n5 | 830 | 5 | 25 | 875 | N/A | N/A |
| DC\_2A-66A\_n25A | 2 | 1855 | 5 | 25 | 1935 | 20 | IMD3 |
|  | 66 | 1775 | 5 | 25 | 2175 | N/A | N/A |
|  | n25 | 1855 | 5 | 25 | 1935 | 20 | IMD3 |
|  | 2 | 1883.3 | 5 | 25 | 1963.3 | N/A | N/A |
|  | 66 | 1750 | 5 | 25 | 2150 | 4 | IMD5 |
|  | n25 | 1883.3 | 5 | 25 | 1963.3 | N/A | N/A |
|  | 2 | 1883.3 | 5 | 25 | 1963.3 | N/A | N/A |
|  | 66 | 1712.5 | 5 | 25 | 2112.5 | 23 | IMD3 |
|  | n25 | 1912.5 | 5 | 25 | 1992.5 | N/A | N/A |
| DC\_2A-66A\_n28A | 2 | 1880 | 5 | 25 | 1960 | 11.0 | IMD4 |
|  | 66 | 1720 | 5 | 25 | 2120 | N/A | N/A |
|  | n28 | 740 | 5 | 25 | 795 | N/A | N/A |
| DC\_2A-66A\_n41A  DC\_2A-66A\_n41C  DC\_2A-66A\_n41(2A) | 2 | 1860 | 5 | 25 | 1940 | 11.0 | IMD4 |
|  | 66 | 1715 | 5 | 25 | 2115 | N/A | N/A |
|  | n41 | 2685 | 5 | 25 | 2685 | N/A | N/A |
| DC\_2A-66A\_n48A  DC\_2A-66A\_n48B  DC\_2A-66A-66A\_n48A  DC\_2A-66A-66A\_n48B | 2 | 1905 | 5 | 25 | 1985 | N/A | N/A |
|  | 66 | 1755 | 5 | 25 | 2155 | 12.1 | IMD4 |
|  | n48 | 3560 | 5 | 25 | 3560 | N/A | N/A |
| DC\_2A-66A\_n48A  DC\_2A-66A\_n48B  DC\_2A-66A-66A\_n48A  DC\_2A-66A-66A\_n48B | 2 | 1880 | 5 | 25 | 1960 | 28.3 | IMD5 |
|  | 66 | 1735 | 5 | 25 | 2135 | N/A | N/A |
|  | n48 | 3695 | 5 | 25 | 3695 | N/A | N/A |
| DC\_2A-66A\_n77A | 2 | 1855 | 5 | 25 | 1935 | N/A | N/A |
|  | 66 | 1765 | 5 | 25 | 2185 | 29.2 | IMD2 |
|  | n77 | 4040 | 5 | 25 | 4040 | N/A | N/A |
|  | 2 | 1905 | 5 | 25 | 1985 | M/A | N/A |
|  | 66 | 1720 | 5 | 25 | 2120 | 10.4 | IMD4 |
|  | n77 | 3595 | 5 | 25 | 3595 | N/A | N/A |
|  | 2 | 1885 | 5 | 25 | 1965 | M/A | N/A |
|  | 66 | 1775 | 5 | 25 | 2195 | 4.0 | IMD5 |
|  | n77 | 3925 | 5 | 25 | 3925 | N/A | N/A |
|  | 2 | 1880 | 5 | 25 | 1960 | 32.1 | IMD2 |
|  | 66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
|  | n77 | 3700 | 5 | 25 | 3700 | N/A | N/A |
|  | 2 | 1860 | 5 | 25 | 1940 | 9.1 | IMD4 |
|  | 66 | 1775 | 5 | 25 | 2195 | N/A | N/A |
|  | n77 | 3385 | 5 | 25 | 3385 | N/A | N/A |
|  | 2 | 1900 | 5 | 25 | 1980 | 4.2 | IMD5 |
|  | 66 | 1770 | 5 | 25 | 2170 | N/A | N/A |
|  | n77 | 3645 | 5 | 25 | 3645 | N/A | N/A |
| DC\_2A\_n66A-n77A  DC\_2A-2A\_n66A-n77A | 2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
|  | n66 | 1760 | 5 | 25 | 2160 | 29.2 | IMD2 |
|  | n78 | 4060 | 10 | 50 | 4060 | N/A | N/A |
| DC\_2A-66A\_n78A  DC\_2A-66A\_n78(2A)  DC\_2A-66A-66A\_n78A  DC\_2A-66A-66A\_n78(2A)  DC\_2A\_n66A-n78A | 2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
|  | 66/n66 | 1760 | 5 | 25 | 2160 | 10.3 | IMD4 |
|  | n78 | 3480 | 10 | 50 | 3480 | N/A | N/A |
| DC\_2A-66A\_n78A  DC\_2A-66A\_n78(2A)  DC\_2A-66A-66A\_n78A  DC\_2A-66A-66A\_n78(2A)  DC\_2A\_n66A-n78(2A)  DC\_2A\_n66(2A)-n78A  DC\_2A\_n66(2A)-n78(2A | 2 | 1880 | 5 | 25 | 1960 | 32.1 | IMD2 |
|  | 66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
|  | n78 | 3700 | 10 | 50 | 3700 | N/A | N/A |
| DC\_2A-66A\_n78A  DC\_2A-66A\_n78(2A)  DC\_2A-66A-66A\_n78A  DC\_2A-66A-66A\_n78(2A) | 2 | 1880 | 5 | 25 | 1960 | 9.1 | IMD4 |
|  | 66 | 1770 | 5 | 25 | 2170 | N/A | N/A |
|  | n78 | 3350 | 10 | 50 | 3350 | N/A | N/A |
| DC\_2A-66A\_n78A  DC\_2A-66A\_n78(2A)  DC\_2A-66A-66A\_n78A  DC\_2A-66A-66A\_n78(2A) | 2 | 1880 | 5 | 25 | 1960 | 2.1 | IMD5 |
|  | 66 | 1760 | 5 | 25 | 2160 | N/A | N/A |
|  | n78 | 3620 | 10 | 50 | 3620 | N/A | N/A |
| DC\_2A\_n66A-n78A  DC\_2A\_n66A-n78(2A)  DC\_2A\_n66(2A)-n78A  DC\_2A\_n66(2A)-n78(2A) | 2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
|  | n66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
|  | n78 | 3620 | 10 | 50 | 3620 | 29.4 | IMD2 |
|  | 2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
|  | n66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
|  | n78 | 3340 | 10 | 50 | 3340 | 8.9 | IMD4 |
| DC\_2A-71A\_n38A  DC\_2A-2A-71A\_n38A | 2 | 1862 | 5 | 25 | 1942 | 26 | IMD2 |
|  | 71 | 668 | 5 | 25 | 622 | N/A | N/A |
|  | n38 | 2610 | 10 | 50 | 2610 | N/A | N/A |
| DC\_2A-71A\_n41A DC\_2A-2A-71A\_n41A | 2 | 1862 | 5 | 25 | 1942 | 26 | IMD2 |
| 71 | 668 | 5 | 25 | 622 | N/A | N/A |
| n41 | 2610 | 10 | 50 | 2610 | N/A | N/A |
| 2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
| 71 | 676 | 5 | 50 | 630 | 28.7 | IMD24 |
| n41 | 2530 | 10 | 50 | 2530 | N/A | N/A |
| DC\_2A-71A\_n78A  DC\_2A-2A-71A\_n78A | 2 | 1874 | 5 | 25 | 1954 | 16.5 | IMD3 |
|  | 71 | 693 | 5 | 25 | 647 | N/A | N/A |
|  | n78 | 3340 | 10 | 50 | 3340 | N/A | N/A |
| DC\_3A\_n1A-n28A  DC\_3C\_n1A-n28A | 3 | 1780 | 5 | 25 | 1875 | N/A | N/A |
|  | n28 | 710.5 | 5 | 25 | 765.5 | N/A | N/A |
|  | n1 | 1949 | 5 | 25 | 2139 | 11.0 | IMD4 |
| DC\_3A\_n1A-n40A | n1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | 3 | 1735 | 5 | 25 | 1830 | N/A | N/A |
|  | 40 | 2380 | 5 | 25 | 2380 | 8.0 | IMD5 |
| DC\_3A\_n1A-n77A | 3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
|  | n1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | n77 | 3700 | 10 | 50 | 3700 | 28.4 | IMD2 |
|  | 3 | 1775 | 5 | 25 | 1870 | N/A | N/A |
|  | n1 | 1950 | 5 | 25 | 2140 | 31.0 | IMD2 |
|  | n77 | 3915 | 10 | 50 | 3915 | N/A | N/A |
| DC\_3A\_n1A-n78A  DC\_3C\_n1A-n78A | 3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
|  | n1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | n78 | 3700 | 10 | 50 | 3700 | 28.4 | IMD2 |
|  | 3 | 1770 | 5 | 25 | 1865 | N/A | N/A |
|  | n1 | 1940 | 5 | 25 | 2130 | 3.5 | IMD5 |
|  | n78 | 3720 | 10 | 50 | 3720 | N/A | N/A |
| DC\_3A\_n3A-n41A | 3 | 1725 | 5 | 25 | 1820 | N/A | N/A |
|  | n3 | 1770 | 5 | 25 | 1865 | 8.2 | IMD4 |
|  | n41 | 2657.5 | 5 | 25 | 2657.5 | N/A | N/A |
| DC\_3A-5A\_n78A | 3 | N/A | N/A | N/A | N/A | N/A | IMD3 |
|  | 5 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | n78 | N/A | N/A | N/A | N/A | N/A | N/A |
| DC\_3A-5A\_n79A | 3 | 1775 | 5 | 25 | 1870 | N/A | N/A |
|  | 5 | 840 | 5 | 25 | 885 | 18.5 | IMD3 |
|  | n79 | 4435 | 40 | 216 | 4435 | N/A | N/A |
|  | 3 | 1782.5 | 5 | 25 | 1877.5 | 0.2 | IMD4 |
|  | 5 | 842.5 | 5 | 25 | 887.5 | N/A | N/A |
|  | n79 | 4420 | 40 | 216 | 4420 | N/A | N/A |
| DC\_3A-7A\_n5A | 3 | 1780 | 10 | 50 | 1875 | N/A | N/A |
|  | 7 | 2505 | 10 | 50 | 2625 | 30.0 | IMD21 |
|  | n5 | 845 | 5 | 25 | 890 | N/A | N/A |
| DC\_3A-7A\_n8A | 3 | 1780 | 5 | 25 | 1875 | N/A | N/A |
|  | n8 | 890 | 5 | 25 | 935 | N/A | N/A |
|  | 7 | 2550 | 10 | 50 | 2670 | 29.0 | IMD2  IMD33 |
| DC\_3A-7A\_n28A  DC\_3A-7C\_n28A  DC\_3C-7A\_n28A  DC\_3C-7C\_n28A | 3 | 1712.5 | 5 | 25 | 1807.5 | N/A | N/A |
|  | n28 | 743 | 5 | 25 | 798 | N/A | N/A |
|  | 7 | 2562 | 10 | 50 | 2682 | 16.9 | IMD3 |
|  | 7 | 2543 | 10 | 50 | 2663 | N/A | N/A |
|  | n28 | 710.5 | 5 | 25 | 765.5 | N/A | N/A |
|  | 3 | 1737.5 | 5 | 25 | 1832.5 | 26.0 | IMD2 |
| DC\_3A-18A\_n3A | 3 | 1719 | 5 | 25 | 1814 | 4 | IMD4  |2\*fn3-2\*fB18| |
|  | 18 | 823 | 5 | 25 | 868 | N/A | N/A |
|  | n3 | 1730 | 5 | 25 | 1825 | N/A | N/A |
| DC\_3-18\_n41 | 18 | 820 | 5 | 25 | 865 | 28.9 | IMD2 |
| 3 | 1765 | 5 | 25 | 1860 | N/A | N/A |
| n41 | 2630 | 10 | 50 | 2630 | N/A | N/A |
| 18 | 820 | 5 | 25 | 865 | 19.0 | IMD3 |
| 3 | 1725 | 5 | 25 | 1820 | N/A | N/A |
| n41 | 2585 | 5 | 25 | 2585 | N/A | N/A |
| 3 | 1755 | 5 | 25 | 1850 | 28.8 | IMD2 |
| n41 | 2670 | 10 | 50 | 2670 | N/A | N/A |
| 18 | 820 | 5 | 25 | 865 | MSD | N/A |
| DC\_3A-18A\_n77A  DC\_3A-18A\_n77(2A)DC\_3A-18A\_n78A  DC\_3A-18A\_n78(2A) | 3 | N/A | N/A | N/A | N/A | N/A | IMD3 |
|  | 18 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | n77, n78 | N/A | N/A | N/A | N/A | N/A | N/A |
| DC\_3A-19A\_n78A | 3 | N/A | N/A | N/A | N/A | N/A | IMD3 |
|  | 19 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | n78 | N/A | N/A | N/A | N/A | N/A | N/A |
| DC\_3A\_n7A-n28A | 3 | 1747 | 5 | 25 | 1842 | N/A | N/A |
|  | n7 | 2543 | 5 | 25 | 2663 | N/A | N/A |
|  | n28 | 741 | 5 | 25 | 796.0 | 20.0 | IMD2 |
|  | 3 | 1712.5 | 5 | 25 | 1807.5 | N/A | N/A |
|  | n7 | 2562 | 5 | 25 | 2682 | 17.0 | IMD3 |
|  | n28 | 743 | 5 | 25 | 798 | N/A | N/A |
| DC\_3A-7A\_n40A | 3 | 1771.6 | 5 | 25 | 1866.6 | 3.4 | IMD5 |
|  | 7 | 2530 | 5 | 25 | 2650 | N/A | N/A |
|  | n40 | 2310 | 5 | 25 | 2310 | N/A | N/A |
| DC\_3A-7A\_n77A | 3 | 1725 | 5 | 25 | 1820 | 17.6 | IMD3 |
|  | 7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
|  | n77 | 3310 | 10 | 50 | 3310 | N/A | N/A |
| DC\_3A-7A\_n77A | 3 | 1725 | 5 | 25 | 1820 | 8.6 | IMD4 |
|  | 7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
|  | n77 | 3475 | 10 | 50 | 3475 | N/A | N/A |
| DC\_3A-7A\_n77A | 3 | 1715 | 5 | 25 | 1810 | N/A | N/A |
|  | 7 | 2550 | 5 | 25 | 2670 | 5.2 | IMD5 |
|  | n77 | 4190 | 10 | 50 | 4190 | N/A | N/A |
| DC\_3A-7A\_n77A | 3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | 7 | 2520 | 5 | 25 | 2640 | 3.4 | IMD5 |
|  | n77 | 3900 | 10 | 50 | 3900 | N/A | N/A |
| DC\_3A-7A\_n78A  DC\_3C-7A\_n78A DC\_3C-7C\_n78A  DC\_3A-3A-7A\_n78A  DC\_3A-3A-7A-7A\_n78A  DC\_3A-7A\_SUL\_n78A-n80A  DC\_3C-7A\_SUL\_n78A-n80A  DC\_3A-7A\_n78(2A)  DC\_3C-7A\_n78(2A)  DC\_3A-7C\_n78(2A)  DC\_3C-7C\_n78(2A)  DC\_3A-7A\_n78C  DC\_3A-7A-7A\_n78C | 3 | 1725 | 5 | 25 | 1820 | 17.6 | IMD3 |
|  | 7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
|  | n78 | 3310 | 10 | 50 | 3310 | N/A | N/A |
|  | 3 | 1725 | 5 | 25 | 1820 | 8.6 | IMD4 |
|  | 7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
|  | n78 | 3475 | 10 | 50 | 3475 | N/A | N/A |
| DC\_3A-8A\_n40A | 3 | 1779 | 5 | 25 | 1874 | 4 | IMD5 |
|  | 8 | 912 | 5 | 25 | 957 | N/A | N/A |
|  | n40 | 2305 | 5 | 25 | 2305 | N/A | N/A |
| DC\_3A-8A\_n77A  DC\_3C-8A\_n77A  DC\_3C-8A\_n77(2A) | 3 | 1715 | 5 | 25 | 1810 | N/A | N/A |
|  | n77 | 4190 | 10 | 50 | 4190 | N/A | N/A |
|  | 8 | 910 | 5 | 25 | 955 | 9.7 | IMD4 |
| DC\_3A-8A\_n77A  DC\_3C-8A\_n77A  DC\_3C-8A\_n77(2A) | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | n77 | 3640 | 10 | 50 | 3640 | N/A | N/A |
|  | 3 | 1725 | 5 | 25 | 1820 | 16.5 | IMD3 |
| DC\_3A-8A\_n78A  DC\_3A-3A-8A\_n78A | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | n78 | 3640 | 10 | 50 | 3640 | N/A | N/A |
|  | 3 | 1725 | 5 | 25 | 1820 | 16.5 | IMD3 |
| DC\_3A\_n8A-n78A | 3 | 1740 | 5 | 25 | 1835 | N/A | N/A |
|  | n8 | 900 | 5 | 25 | 945 | N/A | N/A |
|  | n78 | 3540 | 10 | 50 | 3540 | 16.3 | IMD3 |
| DC\_3A-8A\_n79A | 3 | 1755 | 5 | 25 | 1850 | N/A | N/A |
|  | n79 | 4465 | 40 | 216 | 4465 | N/A | N/A |
|  | 8 | 910 | 5 | 25 | 955 | 15.3 | IMD3 |
| DC\_3A-8A\_n79A | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | n79 | 4580 | 40 | 216 | 4580 | N/A | N/A |
|  | 3 | 1755 | 5 | 25 | 1850 | 8.8 | IMD4 |
| DC\_3A\_n7A-n78A  DC\_3A\_n7B-n78A  DC\_3C\_n7A-n78A  DC\_3C\_n7B-n78A | 3 | 1730 | 5 | 25 | 1825 | N/A | N/A |
|  | n7 | 2560 | 5 | 25 | 2680 | N/A | N/A |
|  | n78 | 3390 | 10 | 50 | 3390 | 16.1 | IMD3 |
| DC\_3A-11A\_n77A  DC\_3A-11A\_n77(2A) | 3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | n77 | 3675 | 10 | 50 | 3675 | N/A | N/A |
|  | 11 | 1443 | 5 | 25 | 1491 | 8.8 | IMD4 |
|  | 11 | 1435.4 | 5 | 25 | 1483.4 | N/A | N/A |
|  | n77 | 3905 | 10 | 50 | 3905 | N/A | N/A |
|  | 3 | 1753 | 5 | 25 | 1848 | 3.4 | IMD57 |
| DC\_3A-19A\_n79A | 3 | 1775 | 5 | 25 | 1870 | N/A | N/A |
|  | 19 | 840 | 5 | 25 | 885 | 18.5 | IMD3 |
|  | n79 | 4435 | 40 | 216 | 4435 | N/A | N/A |
|  | 3 | 1782.5 | 5 | 25 | 1877.5 | 0.2 | IMD4 |
|  | 19 | 842.5 | 5 | 25 | 887.5 | N/A | N/A |
|  | n79 | 4420 | 40 | 216 | 4420 | N/A | N/A |
| DC\_3A-20A\_n7A  DC\_3C-20A\_n7A | 3 | 1737 | 5 | 25 | 1832 | N/A | N/A |
|  | 20 | 847 | 10 | 20 | 806 | 10.5 | IMD2 |
|  | n7 | 2543 | 10 | 50 | 2663 | N/A | N/A |
| DC\_3A-20A\_n8A | 3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | n8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | 20 | 851 | 5 | 25 | 810 | 27 | IMD2 |
| DC\_3A-20A\_n8A | 3 | 1765 | 5 | 25 | 1860 | 14.5 | IMD4 |
|  | n8 | 900 | 5 | 25 | 945 | N/A | N/A |
|  | 20 | 840 | 5 | 25 | 799 | N/A | N/A |
| DC\_3A-20A\_n28A  DC\_3C-20A\_n28A | 20 | 852 | 5 | 25 | 811 | N/A | N/A |
|  | n28 | 738 | 5 | 25 | 793 | N/A | N/A |
|  | 3 | 1723 | 5 | 25 | 1818 | 9.4 | IMD4 |
| DC\_3A-20A\_n38A | 3 | 1779 | 5 | 25 | 1874 | N/A | N/A |
|  | 20 | 852 | 10 | 20 | 811 | 26.0 | IMD21 |
|  | n38 | 2590 | 10 | 50 | 2590 | N/A | N/A |
| DC\_3A-20A\_n41A  DC\_3C-20A\_n41A | 3 | 1744 | 5 | 25 | 1839 | 26.0 | IMD2 |
|  | n41 | 2680 | 10 | 52 | 2680 | N/A | N/A |
|  | 20 | 841 | 10 | 50 | 800 | N/A | N/A |
| DC\_3A-20A\_n41A  DC\_3C-20A\_n41A | 3 | 1779 | 5 | 25 | 1874 | N/A | N/A |
|  | n41 | 2590 | 10 | 52 | 2590 | N/A | N/A |
|  | 20 | 852 | 10 | 50 | 811 | 26.0 | IMD2 |
| DC\_3A-20A\_n41A  DC\_3C-20A\_n41A | 3 | 1730 | 5 | 25 | 1825 | N/A | N/A |
|  | n41 | 2660 | 10 | 52 | 2660 | N/A | N/A |
|  | 20 | 841 | 5 | 25 | 800 | 12.5 | IMD3 |
| DC\_3A\_20A\_SUL\_n78A-n80A  DC\_3C\_20A\_SUL\_n78A-n80A | 3 | 1725 | 5 | 25 | 1820 | 17.3 | IMD3 |
|  | 20 | 845 | 5 | 25 | 804 | N/A | N/A |
|  | n78 | 3510 | 10 | 50 | 3510 | N/A | N/A |
| DC\_3A\_n20A-n78A | 3 | 1730 | 5 | 25 | 1825 | N/A | N/A |
|  | n20 | 845 | 5 | 25 | 804 | N/A | N/A |
|  | n78 | 3420 | 10 | 50 | 3420 | 16.1 | IMD3 |
| DC\_3A-20A\_n78A  DC\_3C-20A\_n78A | 3 | 1725 | 5 | 25 | 1820 | 17.3 | IMD3 |
|  | 20 | 845 | 5 | 25 | 804 | N/A | N/A |
|  | n78 | 3510 | 10 | 50 | 3510 | N/A | N/A |
| DC\_3A-21A\_n77A  DC\_3A-21A\_n78A | 3 | 1767.5 | 5 | 25 | 1862.5 | N/A | N/A |
|  | 21 | 1459.5 | 5 | 25 | 1507.5 | 8.8 | IMD4 |
|  | n77, n78 | 3795 | 10 | 50 | 3795 | N/A | N/A |
|  | 3 | N/A | N/A | N/A | N/A | N/A | IMD2 |
|  | 21 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | n78 | N/A | N/A | N/A | N/A | N/A | N/A |
| DC\_3A-21A\_n77A | 3 | 1771.6 | 5 | 25 | 1866.6 | 3.4 | IMD5 |
|  | 21 | 1450.4 | 5 | 25 | 1498.4 | N/A | N/A |
|  | n77 | 3935 | 10 | 50 | 3935 | N/A | N/A |
| DC\_3A-21A\_n79A | 3 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 21 | N/A | N/A | N/A | N/A | N/A | IMD3 |
|  | n79 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 3 | 1774.2 | 5 | 25 | 1869.2 | 17.8 | IMD3 |
|  | 21 | 1450.4 | 5 | 25 | 1498.4 | N/A | N/A |
|  | n79 | 4770 | 40 | 216 | 4770 | N/A | N/A |
| DC\_3A-28A\_n1A | 3 | 1725 | 5 | 25 | 1820 | 4 | IMD5 |
|  | 28 | 710 | 5 | 25 | 765 | N/A | N/A |
|  | n1 | 1975 | 5 | 25 | 2165 | N/A | N/A |
| DC\_3A-28A\_n5A  DC\_3C-28A\_n5A | 3 | 1735 | 5 | 25 | 1830 | 8.7 | IMD4 |
|  | 28 | 705 | 5 | 25 | 798 | N/A | N/A |
|  | n5 | 845 | 5 | 25 | 874 | N/A | N/A |
|  | 3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
|  | 28 | 730 | 5 | 25 | 785 | 9.4 | IMD4 |
|  | n5 | 845 | 5 | 25 | 874 | N/A | N/A |
| DC\_3A-28A\_n7A  DC\_3C-28A\_n7A  DC\_3A-3A-28A\_n7A  DC\_3A-28A\_n7B  DC\_3C-28A\_n7B  DC\_3A-3A-28A\_n7B | 3 | 1737.5 | 5 | 25 | 1832.5 | 26.0 | IMD2 |
|  | 28 | 710.5 | 5 | 25 | 765.5 | N/A | N/A |
|  | n7 | 2543 | 10 | 50 | 2663 | N/A | N/A |
|  | 3 | 1747 | 5 | 25 | 1842 | N/A | N/A |
|  | 28 | 741 | 5 | 25 | 796.0 | 20.0 | IMD2 |
|  | n7 | 2543 | 5 | 25 | 2663 | N/A | N/A |
| DC\_3A-28A\_n77A | 3 | 1712.5 | 5 | 25 | 1807.5 | N/A | N/A |
|  | 28 | 715 | 5 | 25 | 770 | 15.3 | IMD3 |
|  | n77 | 4195 | 10 | 50 | 4195 | N/A | N/A |
|  | 3 | 1755 | 5 | 25 | 1850 | 17.0 | IMD3 |
|  | 28 | 735 | 5 | 25 | 790 | N/A | N/A |
|  | n77 | 3320 | 10 | 50 | 3320 | N/A | N/A |
| DC\_3A\_n28A-n77A | 3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | 28 | 733 | 5 | 25 | 788 | N/A | N/A |
|  | n77 | 4173 | 10 | 50 | 4173 | 15.9 | IMD3 |
|  | 3 | 1712.5 | 5 | 25 | 1807.5 | N/A | N/A |
|  | 28 | 715 | 5 | 25 | 770 | 15.3 | IMD3 |
|  | n77 | 4195 | 10 | 50 | 4195 | N/A | N/A |
| DC\_3A-28A\_n41A | 3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | n41 | 2510 | 5 | 25 | 2510 | N/A | N/A |
|  | 28 | 735 | 5 | 25 | 790 | 26.0 | IMD21 |
|  | 3 | 1737.5 | 5 | 25 | 1832.5 | 26.0 | IMD2 |
|  | n41 | 2543 | 10 | 50 | 2543 | N/A | N/A |
|  | 28 | 710.5 | 5 | 25 | 765.5 | N/A | N/A |
| DC\_3A\_n28A-n41A | 3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | n28 | 735 | 5 | 25 | 790 | 261 | IMD2  |fn41-fB3| |
|  | n41 | 2510 | 5 | 25 | 2510 | N/A | N/A |
|  | 3 | 1780 | 5 | 25 | 1875 | N/A | N/A |
|  | n28 | 738 | 5 | 25 | 793 | N/A | N/A |
|  | n41 | 2518 | 5 | 25 | 2518 | 27.4 | IMD2  |fB3+fn28| |
|  | 3 | 1715 | 5 | 25 | 1810 | N/A | N/A |
|  | n28 | 743 | 5 | 25 | 798 | N/A | N/A |
|  | n41 | 2687 | 5 | 25 | 2687 | 15.9 | IMD3  |2\*fB3-fn28| |
| DC\_3A-28A\_n78A  DC\_3C-28A\_n78A  DC\_3A-3A-28A\_n78A | 3 | 1775 | 5 | 25 | 1870 | 17.3 | IMD3 |
|  | 28 | 740 | 5 | 25 | 760 | N/A | N/A |
|  | n78 | 3350 | 10 | 25 | 3350 | N/A | N/A |
| DC\_3A-28A\_n79A | 3 | 1770 | 5 | 25 | 1865 | N/A | N/A |
|  | 28 | 725 | 5 | 25 | 780 | 10.3 | IMD4 |
|  | n79 | 4530 | 40 | 216 | 4530 | N/A | N/A |
|  | 3 | 1775 | 5 | 25 | 1870 | 5.7 | IMD5 |
|  | 28 | 725 | 5 | 25 | 780 | N/A | N/A |
|  | n79 | 4770 | 40 | 216 | 4770 | N/A | N/A |
| DC\_3A\_n28A-n78A  DC\_3C\_n28A-n78A | 3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
|  | n28 | 743 | 5 | 25 | 798 | N/A | N/A |
|  | n78 | 3764 | 10 | 50 | 3764 | 4.5 | IMD5 |
| DC\_3A\_SUL\_n77A-n84A | 3 | 1782.5 | 5 | 25 | 1877.5 | N/A | N/A |
|  | n84 | 1922.5 | 5 | 25 |  | N/A | N/A |
|  | n77 | 3425 | 10 | 50 | 3425 | 13.0 | IMD4 |
| DC\_3A\_n40A-n78A | 3 | 1730 | 5 | 25 | 1825 | N/A | N/A |
|  | n40 | 2360 | 5 | 25 | 2360 | N/A | N/A |
|  | n78 | 3620 | 10 | 50 | 3620 | 4.8 | IMD5 |
|  | 3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | n40 | 2360 | 5 | 25 | 2360 | 4.4 | IMD5 |
|  | n78 | 3760 | 10 | 50 | 3760 | N/A | N/A |
| DC\_3A\_n40A-n79A | 3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | n40 | 2330 | 5 | 25 | 2330 | N/A | N/A |
|  | n79 | 4550 | 40 | 216 | 4550 | 4.7 | IMD5 |
|  | 3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | n40 | 2330 | 5 | 25 | 2330 | 3.2 | IMD5 |
|  | n79 | 4550 | 40 | 216 | 4550 | N/A | N/A |
| DC\_3A\_n41A-n79A | 3 | 1770 | 5 | 25 | 1865 | N/A | N/A |
|  | n41 | 2670 | 10 | 50 | 2670 | N/A | N/A |
|  | n79 | 4440 | 40 | 216 | 4440 | 30.8 | IMD24 |
| DC\_3A-42A\_n1A  DC\_3A-42C\_n1A | 3 | 1782.5 | 5 | 25 | 1877.5 | N/A | N/A |
|  | 42 | 3425 | 5 | 25 | 3425 | 13.0 | IMD4 |
|  | n1 | 1922.5 | 5 | 25 | 2112.5 | N/A | N/A |
| DC\_3A\_n75A-n78A  DC\_3A\_n75A-n78(2A) | 3 | 1782.5 | 5 | 25 | 1877.5 | N/A | N/A |
|  | n78 | 3305 | 10 | 50 | 3305 | N/A | N/A |
|  | n75 | - | - | - | 1514.5 | 10.0 | IMD2 |
| DC\_3A\_n78A-n79A | 3 | 1770 | 5 | 25 | 1865 | N/A | N/A |
|  | n78 | 3340 | 10 | 50 | 3340 | N/A | N/A |
|  | n79 | 4910 | 40 | 216 | 4910 | 16.3 | IMD3 |
|  | 3 | 1770 | 5 | 25 | 1865 | N/A | N/A |
|  | n79 | 4510 | 40 | 216 | 4510 | N/A | N/A |
|  | n78 | 3710 | 10 | 50 | 3710 | 4.2 | IMD5 |
| DC\_3A\_SUL\_n78A-n82A | 3 | 1775 | 5 | 25 | 1870 | 4 | IMD4 |
|  | n82 | 840 | 5 | 25 |  | N/A | N/A |
| DC\_3A\_SUL\_n78A-n84A | 3 | 1782.5 | 5 | 25 | 1877.5 | N/A | N/A |
|  | n84 | 1922.5 | 5 | 25 |  | N/A | N/A |
|  | n78 | 3425 | 10 | 50 | 3425 | 13.0 | IMD4 |
| DC\_3A-21A\_n79A | 3 | 1774.2 | 5 | 25 | 1869.2 | 17.8 | IMD3 |
|  | 21 | 1450.4 | 5 | 25 | 1498.4 | N/A | N/A |
|  | n79 | 4770 | 40 | 216 | 4770 | N/A | N/A |
| DC\_3A-32A\_n1A | 3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | 32 | N/A | 5 | 25 | 1480 | 15.2 | IMD34 |
|  | n1 | 1960 | 5 | 25 | 2150 | N/A | N/A |
| DC\_3A-32A\_n78A  DC\_3A-32A\_n78(2A) | 3 | 1730 | 5 | 25 | 1825 | N/A | N/A |
|  | 32 | N/A | 5 | 25 | 1470 | 4.9 | IMD4 |
|  | n78 | 3720 | 10 | 50 | 3720 | N/A | N/A |
|  | 3 | 1775 | 5 | 25 | 1870 | N/A | N/A |
|  | 32 | N/A | 5 | 25 | 1475 | 0 | IMD5 |
|  | n78 | 3400 | 10 | 50 | 3400 | N/A | N/A |
| DC\_3A-40A\_n1A  DC\_3A-40C\_n1A | n1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | 3 | 1735 | 5 | 25 | 1830 | N/A | N/A |
|  | 40 | 2380 | 5 | 25 | 2380 | 8.0 | IMD5 |
| DC\_3A-40A\_n78A  DC\_3A-40C\_n78A | 3 | 1775 | 5 | 25 | 1870 | 9.1 | IMD4 |
|  | 40 | 2390 | 5 | 25 | 2390 | N/A | N/A |
|  | n78 | 3325 | 10 | 50 | 3325 | N/A | N/A |
|  | 3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | 40 | 2360 | 5 | 25 | 2360 | 4.4 | IMD5 |
|  | n78 | 3760 | 10 | 50 | 3760 | N/A | N/A |
| DC\_3A-41A\_n3A  DC\_3A-41C\_n3A | 3 | 1770 | 5 | 25 | 1865 | 8.2 | IMD4  |2\*fB41-2\*fn3| |
|  | 41 | 2657.5 | 5 | 25 | 2657.5 | N/A | N/A |
|  | n3 | 1725 | 5 | 25 | 1820 | N/A | N/A |
| DC\_3A-41A\_n28A  DC\_3A-41C\_n28A | 41 | 2543 | 10 | 50 | 2543 | N/A | N/A |
|  | n28 | 710.5 | 5 | 25 | 765.5 | N/A | N/A |
|  | 3 | 1737.5 | 5 | 25 | 1832.5 | 26 | IMD2 |
|  | 3 | 1780 | 5 | 25 | 1875 | N/A | N/A |
|  | n28 | 738 | 5 | 25 | 793 | N/A | N/A |
|  | 41 | 2518 | 5 | 25 | 2518 | 27.4 | IMD2 |
|  | 3 | 1715 | 5 | 25 | 1810 | N/A | N/A |
|  | n28 | 743 | 5 | 25 | 798 | N/A | N/A |
|  | 41 | 2687 | 5 | 25 | 2687 | 15.9 | IMD3 |
| DC\_3A-41A\_n77A  DC\_3A-41C\_n77A  DC\_3A-41A\_n77(2A)  DC\_3A-41C\_n77(2A)  DC\_3A\_n41A-n77A | 3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | n77 | 3900 | 10 | 50 | 3900 | N/A | N/A |
|  | 41/n41 | 2640 | 5 | 25 | 2640 | 5.3 | IMD5 |
|  | 41/n41 | 2620 | 5 | 25 | 2620 | N/A | N/A |
|  | n77 | 3400 | 10 | 50 | 3400 | N/A | N/A |
|  | 3 | 1745 | 5 | 25 | 1840 | 16.4 | IMD3 |
| DC\_3A-41A\_n78A  DC\_3A-41C\_n78A  DC\_3A-41A\_n78(2A)  DC\_3A-41C\_n78(2A) | 41 | 2620 | 5 | 25 | 2620 | N/A | N/A |
|  | n78 | 3400 | 10 | 52 | 3400 | N/A | N/A |
|  | 3 | 1745 | 5 | 25 | 1840 | 16.4 | IMD3 |
| DC\_3A\_n41A-n78A | 3 | 1730 | 5 | 25 | 1825 | N/A | N/A |
|  | n41 | 2560 | 10 | 50 | 2560 | N/A | N/A |
|  | n78 | 3390 | 10 | 50 | 3390 | 16.4 | IMD3 |
| DC\_3A-41A\_n79A | 3 | 1770 | 5 | 25 | 1865 | N/A | N/A |
|  | n79 | 4440 | 40 | 216 | 4440 | N/A | N/A |
|  | 41 | 2670 | 5 | 25 | 2670 | 30.2 | IMD2 |
|  | 41 | 2570 | 5 | 25 | 2570 | N/A | N/A |
|  | n79 | 4420 | 40 | 216 | 4420 | N/A | N/A |
|  | 3 | 1755 | 5 | 25 | 1850 | 29.4 | IMD2 |
| DC\_4A-7A\_n28A | 4 | 1715 | 5 | 25 | 2115 | N/A | N/A |
|  | 7 | 2565 | 5 | 25 | 2685 | 18.0 | IMD3 |
|  | n28 | 745 | 5 | 25 | 800 | N/A | N/A |
| DC\_5A-7A\_n7A | 5 | 834 | 5 | 25 | 879 | 12 | IMD34 |
|  | 7 | 2527 | 10 | 50 | 2647 | N/A | N/A |
|  | n7 | 2547 | 10 | 50 | 2667 | N/A | N/A |
| DC\_5A-7A\_n66A  DC\_5A-7C\_n66A | 5 | 835 | 5 | 25 | 880 | 17.8 | IMD3 |
|  | 7 | 2560 | 5 | 25 | 2680 | N/A | N/A |
|  | 66 | 1720 | 5 | 25 | 2120 | N/A | N/A |
|  | 5 | 846.5 | 5 | 25 | 891.5 | N/A | N/A |
|  | 7 | 2504 | 5 | 25 | 2624 | 29.0 | IMD21 |
|  | 66 | 1777.5 | 5 | 25 | 2177.5 | N/A | N/A |
| DC\_5A-7A\_n71A | 5 | 835 | 5 | 25 | 880 | N/A | N/A |
|  | 7 | 2540 | 5 | 25 | 2660 | 6.5 | IMD5 |
|  | n71 | 680 | 5 | 25 | 634 | N/A | N/A |
| DC\_5A-7A\_n78A  DC\_5A-7A\_n78C  DC\_5A-7A-7A\_n78C | 5 | 844 | 5 | 25 | 889 | N/A | N/A |
|  | 7 | 2525 | 5 | 25 | 2645 | 30.1 | IMD2 |
|  | n78 | 3489 | 10 | 50 | 3489 | N/A | N/A |
|  | 5 | 834 | 5 | 25 | 879 | 30.2 | IMD2 |
|  | 7 | 2550 | 5 | 25 | 2670 | N/A | N/A |
|  | n78 | 3429 | 10 | 50 | 3429 | N/A | N/A |
|  | 5 | 830 | 5 | 25 | 875 | 3.3 | IMD5 |
|  | 7 | 2525 | 5 | 25 | 2645 | N/A | N/A |
|  | n78 | 3350 | 10 | 50 | 3350 | N/A | N/A |
| DC\_5A\_n7A-n78A,  DC\_5A\_n7(2A)-n78A  DC\_5A\_n7A-n78(2A)  DC\_5A\_n7(2A)-n78(2A) | 5 | 844 | 5 | 25 | 889 | N/A | N/A |
|  | n7 | 2525 | 5 | 25 | 2645 | 30.1 | IMD2 |
|  | n78 | 3489 | 10 | 50 | 3489 | N/A | N/A |
|  | 5 | 835 | 5 | 25 | 880 | N/A | N/A |
|  | n7 | 2540 | 5 | 25 | 2660 | N/A | N/A |
|  | n78 | 3375 | 10 | 50 | 3375 | 29.7 | IMD2 |
| DC\_5A-13A\_n66A | 5 | 840 | 5 | 25 | 885 | N/A | N/A |
|  | 13 | 781 | 5 | 25 | 750 | 9.4 | IMD4 |
|  | n66 | 1770 | 5 | 25 | 2170 | N/A | N/A |
| DC\_5A\_41A\_n78A | 5 | 860 | 5 | 25 | 885 | 30.2 | IMD2 |
|  | 41 | 2615 | 5 | 25 | 2615 | N/A | N/A |
|  | n78 | 3500 | 10 | 50 | 3500 | N/A | N/A |
|  | 5 | 856.5 | 5 | 25 | 881.5 | 3.1 | IMD5 |
|  | 41 | 2620.5 | 5 | 25 | 2620.5 | N/A | N/A |
|  | n78 | 3490 | 10 | 50 | 3490 | N/A | N/A |
| DC\_5A-41A\_n79A | 5 | 835 | 5 | 25 | 880 | 23.9 | IMD3 |
|  | 41 | 2665 | 5 | 25 | 2665 | N/A | N/A |
|  | n79 | 4450 | 40 | 216 | 4450 | N/A | N/A |
|  | 5 | 826.5 | 5 | 25 | 871.5 | N/A | N/A |
|  | 41 | 2517.5 | 5 | 25 | 2517.5 | 1.8 | IMD4 |
|  | n79 | 4980 | 40 | 216 | 4980 | N/A | N/A |
| DC\_5A-46A\_n66A | 5 | 847 | 5 | 25 | 892 | N/A | N/A |
|  | 46 | 5163 | 10 | 50 | 5163 | 9.04 | IMD4  |2\*fB5+2\*fn66| |
|  | n66 | 1775 | 5 | 25 | 2175 | N/A | N/A |
| DC\_5A-48A\_n12A | 5 | 830 | 5 | 25 | 875 | N/A | N/A |
|  | 48 | 3650 | 5 | 25 | 3650 | 4.4 | IMD5 |
|  | n12 | 705 | 5 | 25 | 735 | N/A | N/A |
|  | 5 | 830 | 5 | 25 | 875 | 5.9 | IMD5 |
|  | 48 | 3695 | 5 | 25 | 3695 | N/A | N/A |
|  | n12 | 705 | 5 | 25 | 735 | N/A | N/A |
| DC\_5A-48A\_n71A | 5 | 830 | 5 | 25 | 875 | N/A | N/A |
|  | 48 | 3590 | 5 | 25 | 3590 | 4.4 | IMD5 |
|  | n71 | 690 | 5 | 25 | 644 | N/A | N/A |
|  | 5 | 835 | 5 | 25 | 880 | 5.9 | IMD5 |
|  | 48 | 3600 | 5 | 25 | 3600 | N/A | N/A |
|  | n71 | 680 | 5 | 25 | 634 | N/A | N/A |
| DC\_5A-66A\_n2A  DC\_5BA-66A\_n2A  DC\_5A-5A-66A\_n2A  DC\_5A-66A-66A\_n2A  DC\_5B-66A-66A\_n2A  DC\_5A-5A-66A-66A\_n2A | 5 | 834 | 5 | 25 | 879 | N/A | N/A |
|  | 66 | 1712 | 5 | 25 | 2132 | 7.2 | IMD4 |
|  | n2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
| DC\_5A-66A\_n7A  DC\_5A-66A-66A\_n7A | 5 | 835 | 5 | 25 | 880 | 18.0 | IMD3 |
|  | 66 | 1720 | 5 | 25 | 2120 | N/A | N/A |
|  | n7 | 2560 | 5 | 25 | 2680 | N/A | N/A |
| DC\_5A-66A\_n71A | 5 | 830 | 5 | 25 | 875 | N/A | N/A |
|  | 66 | 1761 | 5 | 25 | 2161 | 13 | IMD3 |
|  | n71 | 665.5 | 5 | 25 | 619.5 | N/A | N/A |
|  | 5 | 846.5 | 5 | 25 | 891.5 | 4.2 | IMD5 |
|  | 66 | 1770 | 5 | 25 | 2170 | N/A | N/A |
|  | n71 | 665.5 | 5 | 25 | 619.5 | N/A | N/A |
| DC\_5A-66A\_n77A | 5 | 826.5 | 5 | 25 | 871.5 | N/A | N/A |
|  | 66 | 1742 | 5 | 25 | 2142 | 13.2 | IMD3  |fn77-2\*fB5| |
|  | n77 | 3795 | 10 | 50 | 3795 | N/A | N/A |
| DC\_5A-66A\_n78A  DC\_5A-66A\_n78(2A) | 5 | 826.5 | 5 | 25 | 871.5 | N/A | N/A |
|  | 66 | 1742 | 5 | 25 | 2142 | 13.2 | IMD3 |
|  | n78 | 3795 | 10 | 50 | 3795 | N/A | N/A |
| DC\_7A\_n1A-n40A | 7 | 2540 | 5 | 25 | 2660 | N/A | N/A |
|  | n40 | 2335 | 5 | 25 | 2335 | N/A | N/A |
|  | n1 | 1940 | 5 | 25 | 2130 | 15.2 | IMD3 |
| DC\_7A\_n1A-n78A  DC\_7C\_n1A-n78A | 7 | 2520 | 5 | 25 | 2640 | N/A | N/A |
|  | n1 | 1970 | 5 | 25 | 2160 | N/A | N/A |
|  | n78 | 3390 | 10 | 50 | 3390 | 10.1 | IMD4 |
|  | 7 | 2530 | 5 | 25 | 2650 | N/A | N/A |
|  | n1 | 1970 | 5 | 25 | 2160 | 9.0 | IMD4 |
|  | n78 | 3610 | 10 | 50 | 3610 | N/A | N/A |
| DC\_7A\_n3A-n78A | 7 | 2560 | 5 | 25 | 2680 | N/A | N/A |
|  | n3 | 1730 | 5 | 25 | 1825 | N/A | N/A |
|  | n78 | 3390 | 10 | 50 | 3390 | 16.1 | IMD3 |
|  | 7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
|  | n3 | 1725 | 5 | 25 | 1820 | 15.6 | IMD3 |
|  | n78 | 3310 | 10 | 50 | 3310 | N/A | N/A |
| DC\_7A\_n8A-n40A | 7 | 2530 | 5 | 25 | 2650 | N/A | N/A |
|  | n8 | 905 | 5 | 25 | 950 | N/A | N/A |
|  | n40 | 2345 | 5 | 25 | 2345 | 3.0 | IMD5 |
| DC\_7A-8A\_n3A | n3 | 1735 | 5 | 25 | 1830 | N/A | N/A |
|  | 7 | 2530 | 10 | 50 | 2650 | N/A | N/A |
|  | 8 | 895 | 5 | 25 | 940 | 18.0 | IMD3 |
| DC\_7A-8A\_n3A | n3 | 1780 | 5 | 25 | 1875 | N/A | N/A |
|  | 8 | 890 | 5 | 25 | 935 | N/A | N/A |
|  | 7 | 2550 | 10 | 50 | 2670 | 29.0 | IMD2+IMD33 |
| DC\_7A-8A\_n77A | 7 | 2530 | 5 | 25 | 2650 | N/A | N/A |
|  | 8 | 895 | 5 | 25 | 940 | 30.5 | IMD2 |
|  | n77 | 3470 | 10 | 50 | 3470 | N/A | N/A |
| DC\_7A-8A\_n77A | 7 | 2520 | 5 | 25 | 2640 | N/A | N/A |
|  | 8 | 895 | 5 | 25 | 940 | 3.1 | IMD5 |
|  | n77 | 3310 | 10 | 50 | 3310 | N/A | N/A |
| DC\_7A-8A\_n77A | 7 | 2530 | 5 | 25 | 2650 | 28 | IMD2 |
|  | 8 | 895 | 5 | 25 | 940 | N/A | N/A |
|  | n77 | 3545 | 10 | 50 | 3545 | N/A | N/A |
| DC\_7A-8A\_n78A | 7 | 2530 | 5 | 25 | 2650 | N/A | N/A |
|  | 8 | 895 | 5 | 25 | 940 | 30.5 | IMD2 |
|  | n78 | 3470 | 10 | 50 | 3470 | N/A | N/A |
| DC\_7A-8A\_n78A | 7 | 2520 | 5 | 25 | 2640 | N/A | N/A |
|  | 8 | 895 | 5 | 25 | 940 | 3.1 | IMD5 |
|  | n78 | 3310 | 10 | 50 | 3310 | N/A | N/A |
| DC\_7A-8A\_n78A | 7 | 2530 | 5 | 25 | 2650 | 28 | IMD2 |
|  | 8 | 895 | 5 | 25 | 940 | N/A | N/A |
|  | n78 | 3545 | 10 | 50 | 3545 | N/A | N/A |
| DC\_7A\_n8A-n78A | 7 | 2555 | 5 | 25 | 2675 | N/A | N/A |
|  | n8 | 900 | 5 | 25 | 945 | N/A | N/A |
|  | n78 | 3455 | 10 | 50 | 3455 | 28.5 | IMD2 |
|  | 7 | 2555 | 5 | 25 | 2675 | N/A | N/A |
|  | n8 | 900 | 5 | 25 | 945 | 29.7 | IMD2 |
|  | n78 | 3500 | 10 | 50 | 3500 | N/A | N/A |
| DC\_7A-12A\_n66A | 7 | 2515 | 5 | 25 | 2635 | N/A | N/A |
| 12 | 712 | 5 | 25 | 742 | 31 | IMD2 |
| n66 | 1773 | 5 | 25 | 2173 | N/A | N/A |
| DC\_7A-12A\_n78A | 7 | 2542 | 5 | 25 | 2662 | 29.6 | IMD2 |
| 12 | 708 | 5 | 25 | 738 | N/A | N/A |
| n78 | 3370 | 10 | 50 | 3370 | N/A | N/A |
| 7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
| 12 | 710 | 5 | 25 | 740 | 30.8 | IMD24 |
| n78 | 3305 | 10 | 50 | 3305 | N/A | N/A |
| DC\_7A-13A\_n66A | 7 | 2520 | 5 | 25 | 2640 | N/A | N/A |
|  | 13 | 781 | 5 | 25 | 750 | 31 | IMD2 |
|  | n66 | 1770 | 5 | 25 | 2170 | N/A | N/A |
| DC\_7A-13A\_n66A | 7 | 2540 | 5 | 25 | 2660 | 18 | IMD3 |
|  | 13 | 780 | 5 | 25 | 749 | N/A | N/A |
|  | n66 | 1720 | 5 | 25 | 2120 | N/A | N/A |
| DC\_7A-20A\_n1A  DC\_7C-20A\_n1A | 7 | 2510 | 10 | 50 | 2630 | N/A | N/A |
|  | 20 | 841 | 10 | 50 | 800 | 4.5 | IMD5 |
|  | n1 | 1940 | 5 | 25 | 2130 | N/A | N/A |
| DC\_7A-20A\_n3A | 7 | 2543 | 10 | 50 | 2663 | N/A | N/A |
|  | 20 | 847 | 10 | 20 | 806 | 10.5 | IMD2 |
|  | n3 | 1737 | 5 | 25 | 1832 | N/A | N/A |
|  | 7 | 2510 | 10 | 50 | 2630 | 26.0 | IMD21 |
|  | 20 | 855 | 5 | 25 | 896 | N/A | N/A |
|  | n3 | 1775 | 10 | 50 | 1870 | N/A | N/A |
| DC\_7A-20A\_n8A | 7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
|  | n8 | 885 | 5 | 25 | 930 | N/A | N/A |
|  | 20 | 836 | 5 | 25 | 795 | 17.4 | IMD3 |
| DC\_7A-20A\_n8A | 7 | 2520 | 5 | 25 | 2640 | 21.1 | IMD3 |
|  | n8 | 900 | 5 | 25 | 945 | N/A | N/A |
|  | 20 | 840 | 5 | 25 | 799 | N/A | N/A |
| DC\_7A-20A\_n8A | 7 | 2504 | 5 | 25 | 2624 | 18.8 | IMD3 |
|  | n8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | 20 | 857 | 5 | 25 | 816 | N/A | N/A |
| DC\_7A-20A\_n28A | 20 | 852 | 5 | 25 | 811 | N/A | N/A |
|  | n28 | 738 | 5 | 25 | 793 | N/A | N/A |
|  | 7 | 2550 | 10 | 50 | 2670 | 5.9 | IMD5 |
| DC\_7A-20A\_n78A | 7 | 2560 | 5 | 25 | 2680 | N/A | N/A |
|  | 20 | 851 | 5 | 25 | 810 | 30.5 | IMD2 |
|  | n78 | 3370 | 10 | 50 | 3370 | N/A | N/A |
| DC\_7A-20A\_n78A | 7 | 2560 | 5 | 25 | 2680 | N/A | N/A |
|  | 20 | 851 | 5 | 25 | 810 | 3.0 | IMD5 |
|  | n78 | 3435 | 10 | 50 | 3435 | N/A | N/A |
| DC\_7A-20A\_n78A | 7 | 2555 | 5 | 25 | 2675 | 30.8 | IMD2 |
|  | 20 | 845 | 5 | 25 | 804 | N/A | N/A |
|  | n78 | 3520 | 10 | 50 | 3520 | N/A | N/A |
| DC\_7A-25A\_n77A  DC\_7A-7A-25A\_n77A  DC\_7C-25A\_n77A  DC\_7C-25A-25A\_n77A  DC\_7A-25A-25A\_n77A  DC\_7A-7A-25A-25A\_n77A | 7 | 2550 | 5 | 25 | 2670 | N/A | N/A |
| 25 | 1870 | 5 | 25 | 1950 | 8.6 | IMD4 |
| n77 | 3525 | 10 | 50 | 3525 | N/A | N/A |
| 7 | 2540 | 5 | 25 | 2660 | 3.4 | IMD5 |
| 25 | 1860 | 5 | 25 | 1940 | N/A | N/A |
| n77 | 4120 | 10 | 50 | 4120 | N/A | N/A |
| DC\_7A-25A\_n78A  DC\_7A-7A-25A\_n78A  DC\_7C-25A\_n78A  DC\_7A-25A-25A\_n78A  DC\_7A-7A-25A-25A\_n78A  DC\_7C-25A-25A\_n78A | 7 | 2550 | 5 | 25 | 2670 | N/A | N/A |
| 25 | 1870 | 5 | 25 | 1950 | 8.6 | IMD4 |
| n78 | 3525 | 10 | 50 | 3525 | N/A | N/A |
| DC\_7A-28A\_n1A | 7 | 2535 | 5 | 25 | 2655 | N/A | N/A |
|  | 28 | 725 | 5 | 25 | 780 | 4.3 | IMD5 |
|  | n1 | 1950 | 5 | 25 | 2165 | N/A | N/A |
|  | 7 | 2545 | 5 | 25 | 2665 | 29.0 | IMD2 |
|  | 28 | 730 | 5 | 25 | 785 | N/A | N/A |
|  | n1 | 1935 | 5 | 25 | 2125 | N/A | N/A |
| DC\_7A-28A\_n2A | 7 | 2510 | 10 | 50 | 2630 | 27.6 | IMD2 |
|  | 28 | 730 | 5 | 25 | 785 | N/A | N/A |
|  | n2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
| DC\_7A-28A\_n3A  DC\_7C-28A\_n3A | 7 | 2543 | 5 | 25 | 2663 | N/A | N/A |
|  | 28 | 741 | 5 | 25 | 796.0 | 20.0 | IMD2 |
|  | n3 | 1747 | 5 | 25 | 1842 | N/A | N/A |
|  | 7 | 2540 | 5 | 25 | 2685 | 18 | IMD3 |
|  | 28 | 745 | 5 | 25 | 800 | N/A | N/A |
|  | n3 | 1715 | 5 | 25 | 1810 | N/A | N/A |
| DC\_7A-28A\_n5A DC\_7C-28A\_n5A | 7 | 2540 | 5 | 25 | 2725 | N/A | N/A |
|  | 28 | 721 | 5 | 25 | 776 | 4.4 | IMD5 |
|  | n5 | 829 | 5 | 25 | 854 | N/A | N/A |
|  | 7 | 2510 | 5 | 25 | 2630 | 5.9 | IMD5 |
|  | 28 | 730 | 5 | 25 | 785 | N/A | N/A |
|  | n5 | 840 | 5 | 25 | 874 | N/A | N/A |
| DC\_7A-28A\_n40A | 7 | 2510 | 5 | 25 | 2630 | 5.9 | IMD5 |
|  | 28 | 743 | 5 | 25 | 798 | N/A | N/A |
|  | n40 | 2310 | 5 | 25 | 2310 | N/A | N/A |
| DC\_7A-28A\_n66A  DC\_7C-28A\_n66A | 7 | 2562 | 10 | 50 | 2682 | 16.9 | IMD3 |
|  | 28 | 743 | 5 | 25 | 798 | N/A | N/A |
|  | n66 | 1712.5 | 5 | 25 | 2112.5 | N/A | N/A |
|  | 7 | 2543 | 5 | 25 | 2663 | N/A | N/A |
|  | 28 | 741 | 5 | 25 | 796 | 20.0 | IMD2 |
|  | n66 | 1747 | 5 | 25 | 2147 | N/A | N/A |
| DC\_7A-28A\_n78A | 7 | 2567.5 | 5 | 25 | 2687.5 | N/A | N/A |
|  | 28 | 727.5 | 5 | 25 | 782.5 | 28.8 | IMD2 |
|  | n78 | 3350 | 10 | 50 | 3350 | N/A | N/A |
|  | 7 | 2567.5 | 5 | 25 | 2687.5 | N/A | N/A |
|  | 28 | 727.5 | 5 | 25 | 782.5 | 3.0 | IMD5 |
|  | n78 | 3460 | 10 | 50 | 3460 | N/A | N/A |
|  | 7 | 2530 | 5 | 25 | 2650 | 30.5 | IMD2 |
|  | 28 | 740 | 5 | 25 | 795 | N/A | N/A |
|  | n78 | 3390 | 10 | 50 | 3390 | N/A | N/A |
| DC\_7A\_n28A-n78A  DC\_7C\_n28A-n78A | 7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
|  | n28 | 745 | 5 | 25 | 800 | N/A | N/A |
|  | n78 | 3310 | 10 | 50 | 3310 | 29.7 | IMD2 |
|  | 7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
|  | n78 | 3365 | 10 | 50 | 3365 | N/A | N/A |
|  | n28 | 745 | 5 | 25 | 800 | 28.8 | IMD2 |
| DC\_7A-32A\_n1A | n1 | 1977.5 | 5 | 25 | 2167.5 | N/A | N/A |
|  | 7 | 2502.5 | 5 | 25 | 2622.5 | N/A | N/A |
|  | 32 | N/A | 5 | N/A | 1454.5 | 15.2 | IMD3 |
| DC\_7A-32A\_n78A | n78 | 3560.5 | 10 | 50 | 3560.5 | N/A | N/A |
|  | 7 | 2517.5 | 5 | 25 | 2637.5 | N/A | N/A |
|  | 32 | N/A | 5 | N/A | 1474.5 | 17.6 | IMD3 |
|  | n78 | 3311 | 10 | 50 | 3311 | N/A | N/A |
|  | 7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
|  | 32 | N/A | 5 | N/A | 1492 | 4.9 | IMD4 |
| DC\_7A-40A\_n1A  DC\_7A-40C\_n1A | n1 | 1970 | 5 | 25 | 2160 | N/A | N/A |
|  | 7 | 2530 | 5 | 25 | 2650 | 32.1 | IMD3 |
|  | 40 | 2310 | 5 | 25 | 2310 | N/A | N/A |
| DC\_7A-40A\_n78A  DC\_7A-40C\_n78A | 7 | 2510 | 5 | 25 | 2630 | 10.1 | IMD4 |
|  | 40 | 2310 | 5 | 25 | 2310 | N/A | N/A |
|  | n78 | 3625 | 10 | 50 | 3625 | N/A | N/A |
|  | 7 | 2510 | 5 | 25 | 2630 | N/A | N/A |
|  | 40 | 2310 | 5 | 25 | 2310 | 8.7 | IMD4 |
|  | n78 | 3785 | 10 | 50 | 3785 | N/A | N/A |
| DC\_7A-46A\_n78A6 | 7 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 46 | N/A | N/A | N/A | N/A | N/A | IMD2, IMD5 |
|  | n78 | N/A | N/A | N/A | N/A | N/A | N/A |
| DC\_7A-66A\_n5A  DC\_7C-66A\_n5A  DC\_7A-66A-66A\_n5A  DC\_7C-66A-66A\_n5A  DC\_7A-7A-66A\_n5A  DC\_7A-7A-66A-66A\_n5A | 7 | 2505 | 10 | 50 | 2625 | 30.0 | IMD26 |
|  | 66 | 1775 | 10 | 50 | 2175 | N/A | N/A |
|  | n5 | 846.5 | 5 | 25 | 891.5 | N/A | N/A |
| DC\_7A-66A\_n7A  DC\_7A-66A-66A\_n7A | 7 | 2555 | 10 | 50 | 2675 | 15 | IMD4 |
|  | 66 | 1730 | 5 | 25 | 2130 | N/A | N/A |
|  | n7 | 2515 | 10 | 50 | 2635 | N/A | N/A |
| DC\_7A-66A\_n28A | 7 | 2565 | 5 | 25 | 2685 | 18.0 | IMD3 |
|  | 66 | 1715 | 5 | 25 | 2115 | N/A | N/A |
|  | n28 | 745 | 5 | 25 | 800 | N/A | N/A |
| DC\_7A-66A\_n77A  DC\_7A-7A-66A\_n77A  DC\_7A-7A-66A\_n77(2A)  DC\_7A-66A\_n77(2A)  DC\_7C-66A\_n77A  DC\_7C-66A\_n77(2A) | 7 | 2550 | 5 | 25 | 2685 | N/A | N/A |
|  | 66 | 1750 | 5 | 25 | 2150 | 8.7 | IMD4  |2\*fB7-2\*fn77| |
| n77 | 3625 | 10 | 50 | 3475 | N/A | N/A |
| 66 | 1715 | 5 | 25 | 2115 | N/A | N/A |
| 7 | 2550 | 5 | 25 | 2670 | 5.2 | IMD5 |
| n77 | 4190 | 10 | 50 | 4190 | N/A | N/A |
| 66 | 1720 | 5 | 25 | 2120 | N/A | N/A |
| 7 | 2520 | 5 | 25 | 2640 | 3.4 | IMD5 |
| n77 | 3900 | 10 | 50 | 3900 | N/A | N/A |
| DC\_7A-66A\_n78A  DC\_7C-66A\_n78A  DC\_7A-7A-66A\_n78A  DC\_7A-66A-66A\_n78A  DC\_7A-7A-66A-66A\_n78A  DC\_7C-66A-66A\_n78A  DC\_7A\_n66A-n78A  DC\_7A-7A\_n66A-n78A  DC\_7C\_n66A-n78A  DC\_7A-66A\_n78(2A)  DC\_7C-66A\_n78(2A)  DC\_7A-7A-66A\_n78(2A)  DC\_7A-66A-66A\_n78(2A)  DC\_7A-7A-66A-66A\_n78(2A)  DC\_7C-66A-66A\_n78(2A) | 7 | 2550 | 5 | 25 | 2685 | N/A | N/A |
|  | 66/n66 | 1750 | 5 | 25 | 2150 | 8.7 | IMD4 |
|  | n78 | 3625 | 10 | 50 | 3475 | N/A | N/A |
| DC\_7A\_n66A-n78A  DC\_7A-7A\_n66A-n78A  DC\_7C\_n66A-n78A | 7 | 2542 | 5 | 25 | 2662 | N/A | N/A |
|  | n66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
|  | n78 | 3344 | 10 | 50 | 3344 | 16.0 | IMD3 |
| DC\_7A-71A\_n78A | 7 | 2550 | 5 | 25 | 2670 | 29.6 | IMD2 |
| 71 | 680 | 5 | 25 | 634 | N/A | N/A |
| n78 | 3350 | 10 | 50 | 3350 | N/A | N/A |
| 7 | 2540 | 5 | 25 | 2660 | N/A | N/A |
| 71 | 686 | 5 | 25 | 640 | 3.0 | IMD5 |
| n78 | 3490 | 10 | 50 | 3490 | N/A | N/A |
| DC\_7A\_SUL\_n78A-n80A | n80 | 1730 | 5 | 25 |  | N/A | N/A |
|  | 7 | 2535 | 10 | 50 | 2655 | 13 | IMD4 |
| DC\_8A\_n1A-n78A | 8 | 900 | 5 | 25 | 945 | N/A | N/A |
|  | n1 | 1945 | 5 | 25 | 2135 | N/A | N/A |
|  | n78 | 3745 | 10 | 50 | 3745 | 14.9 | IMD3 |
| DC\_8A\_n3A-n28A | 8 | 912.5 | 5 | 25 | 957.5 | N/A | N/A |
|  | n3 | 1712.5 | 5 | 25 | 1807.5 | N/A | N/A |
|  | n28 | 745 | 5 | 25 | 800 | 30.4 | IMD2 |
| DC\_8A-n3A\_n77A  DC\_8A-n3A\_n77(2A) | 8 | 900 | 5 | 25 | 945 | N/A | N/A |
|  | n3 | 1740 | 5 | 25 | 1835 | N/A | N/A |
|  | n77 | 3540 | 10 | 50 | 3540 | 16.3 | IMD3 |
|  | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | n77 | 3640 | 10 | 50 | 3640 | N/A | N/A |
|  | n3 | 1725 | 5 | 25 | 1820 | 16.5 | IMD3 |
| DC\_8A-11A\_n77A | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | n77 | 3311 | 10 | 50 | 3311 | N/A | N/A |
|  | 11 | 1443 | 5 | 25 | 1491 | 18.8 | IMD3 |
| DC\_8A-11A\_n77A | 11 | 1430.5 | 5 | 25 | 1478.5 | N/A | N/A |
|  | n77 | 3791 | 10 | 50 | 3791 | N/A | N/A |
|  | 8 | 885 | 5 | 25 | 930 | 18.2 | IMD3 |
| DC\_8A-11A\_n78A | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | n78 | 3311 | 10 | 50 | 3311 | N/A | N/A |
|  | 11 | 1443 | 5 | 25 | 1491 | 18.8 | IMD3 |
| DC\_8A-11A\_n78A | 11 | 1430.5 | 5 | 25 | 1478.5 | N/A | N/A |
|  | n78 | 3791 | 10 | 50 | 3791 | N/A | N/A |
|  | 8 | 885 | 5 | 25 | 930 | 18.2 | IMD3 |
| DC\_8A-20A\_n78A | 8 | 890 | 5 | 25 | 935 | N/A | N/A |
|  | n78 | 3470 | 10 | 50 | 3470 | N/A | N/A |
|  | 20 | 841 | 5 | 25 | 800 | 12.1 | IMD4 |
|  | 8 | 895 | 5 | 25 | 940 | 12.1 | IMD4 |
|  | n78 | 3481 | 10 | 50 | 3481 | N/A | N/A |
|  | 20 | 847 | 5 | 25 | 806 | N/A | N/A |
| DC\_8A\_n28A-n77A | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | n28 | 743 | 5 | 25 | 798 | N/A | N/A |
|  | n77 | 3473 | 10 | 50 | 3473 | 10.3 | IMD4 |
|  | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | n28 | 710 | 5 | 25 | 765 | 11.6 | IMD4 |
|  | n77 | 3495 | 10 | 50 | 3495 | N/A | N/A |
| DC\_8A-40A\_n1A  DC\_8A-40C\_n1A | 8 | 885 | 5 | 25 | 930 | 8.0 | IMD4 |
|  | 40 | 2395 | 5 | 25 | 2395 | N/A | N/A |
|  | n1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
| DC\_8A-40A\_n78A  DC\_8A-40C\_n78A | 8 | 905 | 5 | 25 | 950 | 30.5 | IMD2 |
|  | 40 | 2380 | 5 | 25 | 2380 | N/A | N/A |
|  | n78 | 3330 | 10 | 50 | 3330 | N/A | N/A |
|  | 8 | 890 | 5 | 25 | 935 | 19.8 | IMD3 |
|  | 40 | 2320 | 5 | 25 | 2320 | N/A | N/A |
|  | n78 | 3705 | 10 | 50 | 3705 | N/A | N/A |
|  | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | 40 | 2395 | 5 | 25 | 2395 | 28 | IMD2 |
|  | n78 | 3305 | 10 | 50 | 3305 | N/A | N/A |
| DC\_8A\_n40A-n79A | 8 | 885 | 5 | 25 | 930 | N/A | N/A |
|  | n40 | 2305 | 5 | 25 | 2305 | N/A | N/A |
|  | n79 | 4960 | 40 | 216 | 4960 | 10.7 | IMD4 |
|  | 8 | 885 | 5 | 25 | 930 | N/A | N/A |
|  | n40 | 2305 | 5 | 25 | 2305 | 9.2 | IMD4 |
|  | n79 | 4960 | 40 | 216 | 4960 | N/A | N/A |
| DC\_8A\_n41A-n79A | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | n41 | 2650 | 10 | 50 | 2650 | N/A | N/A |
|  | n79 | 4470 | 40 | 216 | 4470 | 16.3 | IMD3 |
|  | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | n41 | 2650 | 10 | 50 | 2650 | 15.5 | IMD3 |
|  | n79 | 4470 | 40 | 216 | 4470 | N/A | N/A |
| DC\_8A-42A\_n3A | 8 | 900 | 5 | 25 | 945 | N/A | N/A |
|  | n3 | 1740 | 5 | 25 | 1835 | N/A | N/A |
|  | 42 | 3540 | 5 | 25 | 3540 | 16.3 | IMD3 |
| DC\_8A-42A\_n28A | 8 | 900 | 5 | 25 | 945 | N/A | N/A |
|  | n28 | 743 | 5 | 25 | 798 | N/A | N/A |
|  | 42 | 3443 | 5 | 25 | 3443 | 8.7 | IMD4 |
| DC\_8A\_SUL\_n78A-n80A | n80 | 1755 | 10 | 50 |  | N/A | N/A |
|  | 8 | 900 | 5 | 25 | 945 | 8 | IMD4 |
|  | n80 | 1750 | 10 | 50 |  | N/A | N/A |
|  | 8 | 900 | 5 | 25 | 945 | N/A | N/A |
|  | n78 | 3550 | 10 | 50 | 3550 | 8 | IMD33 |
| DC\_11A-n3A\_n28A | 11 | 1435 | 5 | 25 | 1483 | N/A | N/A |
|  | n3 | 1753 | 5 | 25 | 1848 | N/A | N/A |
|  | n28 | 745 | 5 | 25 | 800 | 3.0 | IMD5 |
| DC\_11A-n3A\_n77A  DC\_11A-n3A\_n77(2A) | 11 | 1440 | 5 | 25 | 1488 | N/A | N/A |
|  | n3 | 1740 | 5 | 25 | 1835 | N/A | N/A |
|  | n77 | 3780 | 10 | 50 | 3780 | 10.8 | IMD4 |
|  | 11 | 1440 | 5 | 25 | 1488 | N/A | N/A |
|  | n3 | 1775 | 5 | 25 | 1870 | 29.0 | IMD2 |
|  | n77 | 3310 | 10 | 50 | 3310 | N/A | N/A |
| DC\_11A-18A\_n77A | 11 | 1443 | 5 | 25 | 1491 | N/A | N/A |
|  | n77 | 3706 | 10 | 50 | 3706 | N/A | N/A |
|  | 18 | 820 | 5 | 25 | 865 | 18.7 | IMD3 |
| DC\_11A-18A\_n78A | 11 | 1443 | 5 | 25 | 1491 | N/A | N/A |
|  | n78 | 3706 | 10 | 50 | 3706 | N/A | N/A |
|  | 18 | 820 | 5 | 25 | 865 | 18.7 | IMD3 |
| DC\_11A\_n28A-n77A  DC\_11A\_n28A-n77(2A) | 11 | 1443 | 5 | 25 | 1491 | N/A | N/A |
|  | n28 | 743 | 5 | 25 | 798 | N/A | N/A |
|  | n77 | 3629 | 10 | 50 | 3629 | 17.5 | IMD3 |
|  | 11 | 1443 | 5 | 25 | 1491 | N/A | N/A |
|  | n77 | 3684 | 10 | 50 | 3684 | N/A | N/A |
|  | n28 | 743 | 5 | 25 | 798 | 15.8 | IMD3 |
| DC\_12A\_n7A-n78A,  DC\_12A\_n7(2A)-n78A  DC\_12A\_n7A-n78(2A)  DC\_12A\_n7(2A)-n78(2A) | 12 | 708 | 5 | 25 | 738 | N/A | N/A |
|  | n7 | 2520 | 5 | 25 | 2640 | N/A | N/A |
|  | n78 | 3624 | 10 | 50 | 3624 | 9 | IMD4 |
|  | 12 | 708 | 5 | 25 | 738 | N/A | N/A |
|  | n78 | 3370 | 10 | 50 | 3370 | N/A | N/A |
|  | n7 | 2542 | 5 | 25 | 2662 | 29.6 | IMD2 |
| DC\_12A-30A\_n2A | 12 | 708.5 | 5 | 25 | 738.5 | N/A | N/A |
|  | 30 | 2308 | 5 | 25 | 2353 | 12.0 | IMD4 |
|  | n2 | 1885 | 5 | 25 | 1965 | N/A | N/A |
| DC\_12A-66A\_n5A | 12 | 712 | 5 | 25 | 742 | 9.4 | IMD4 |
|  | 66 | 1745 | 5 | 25 | 2145 | N/A | N/A |
|  | n5 | 829 | 5 | 25 | 874 | N/A | N/A |
| DC\_13A\_n2A-n77A | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
|  | n2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
|  | n77 | 3444 | 10 | 50 | 3444 | 17.3 | IMD3 |
|  | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
|  | n2 | 1880 | 5 | 25 | 1960 | 16.0 | IMD3 |
|  | n77 | 3524 | 10 | 50 | 3524 | N/A | N/A |
| DC\_13A\_n48A-n66A | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
|  | n48 | 3584 | 5 | 25 | 3584 | 2.8 | IMD5 |
|  | n66 | 1716 | 5 | 25 | 2116 | N/A | N/A |
|  | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
|  | n48 | 3695 | 5 | 25 | 3695 | N/A | N/A |
|  | n66 | 1731 | 5 | 25 | 2131 | 17.1 | IMD3 |
| DC\_13A-66A\_n2A  DC\_13A-66A-66A\_n2A | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
|  | 66 | 1736 | 5 | 25 | 2156 | 7..2 | IMD4 |
|  | n2 | 1860 | 5 | 25 | 1940 | N/A | N/A |
| DC\_13A-66A\_n5A | 13 | 781 | 5 | 25 | 750 | 9.4 | IMD4 |
|  | 66 | 1770 | 5 | 25 | 2170 | N/A | N/A |
|  | n5 | 840 | 5 | 25 | 885 | N/A | N/A |
| DC\_12A-66A\_n25A | 12 | 708.5 | 5 | 25 | 738.5 | N/A | N/A |
|  | 66 | 1775 | 5 | 25 | 2175 | N/A | N/A |
|  | n25 | 1855 | 5 | 25 | 1935 | 20 | IMD3 |
|  | 12 | 708.5 | 5 | 25 | 738.5 | N/A | N/A |
|  | 66 | 1750 | 5 | 25 | 2150 | 4 | IMD5 |
|  | n25 | 1883.3 | 5 | 25 | 1963.3 | N/A | N/A |
|  | 12 | 708.5 | 5 | 25 | 738.5 | N/A | N/A |
|  | 66 | 1712.5 | 5 | 25 | 2112.5 | 23 | IMD3 |
|  | n25 | 1912.5 | 5 | 25 | 1992.5 | N/A | N/A |
| DC\_12A-66A\_n41A | 12 | 712 | 5 | 25 | 742 | 31 | IMD2 |
| 66 | 1773 | 5 | 25 | 2173 | N/A | N/A |
| n41 | 2515 | 5 | 25 | 2515 | N/A | N/A |
| DC\_12A-66A\_n78A | 12 | 710 | 5 | 25 | 740 | N/A | N/A |
| 66 | 1760 | 5 | 25 | 2160 | 17.1 | IMD3 |
| n78 | 3580 | 5 | 25 | 3580 | N/A | N/A |
| DC\_13A-66A\_n48A  DC\_13A-66A\_n48B  DC\_13A-66A-66A\_n48A  DC\_13A-66A-66A\_n48B | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
|  | 66 | 1731 | 5 | 25 | 2131 | 17.1 | IMD3 |
|  | n48 | 3695 | 5 | 25 | 3695 | N/A | N/A |
| DC\_13A-66A\_n77A | 13 | 777 | 5 | 25 | 746 | N/A | N/A |
|  | 66 | 1746 | 5 | 25 | 2146 | 17.1 | IMD3 |
|  | n77 | 3700 | 10 | 50 | 3700 | N/A | N/A |
|  | 13 | 781 | 5 | 25 | 750 | 15.2 | IMD3 |
|  | 66 | 1710 | 5 | 25 | 2110 | N/A | N/A |
|  | n77 | 4170 | 10 | 50 | 4170 | N/A | N/A |
| DC\_13A\_n2A-n77A | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
|  | n2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
|  | n77 | 3444 | 10 | 50 | 3444 | 17.3 | IMD3 |
|  | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
|  | n2 | 1880 | 5 | 25 | 1960 | 16.0 | IMD3 |
|  | n77 | 3524 | 10 | 50 | 3524 | N/A | N/A |
| DC\_18A\_n3A-n77A | 18 | 820 | 5 | 25 | 865 | N/A | N/A |
|  | n3 | 1770 | 5 | 25 | 1865 | N/A | N/A |
|  | n77 | 3410 | 10 | 50 | 3410 | 16.3 | IMD3 |
|  | 18 | 820 | 5 | 25 | 865 | N/A | N/A |
|  | n3 | 1770 | 5 | 25 | 1865 | 15.7 | IMD3 |
|  | n77 | 3505 | 10 | 50 | 3505 | N/A | N/A |
| DC\_14A-66A\_n2A  DC\_14A-66A-66A\_n2A | 14 | 793 | 5 | 25 | 763 | N/A | N/A |
|  | 66 | 1762 | 5 | 25 | 2162 | 7.6 | IMD4 |
|  | n2 | 1874 | 5 | 25 | 1954 | N/A | N/A |
| DC\_13A\_n2A-n77A | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
|  | n2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
|  | n77 | 3444 | 10 | 50 | 3444 | 17.3 | IMD3 |
|  | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
|  | n2 | 1880 | 5 | 25 | 1960 | 16.0 | IMD3 |
|  | n77 | 3524 | 10 | 50 | 3524 | N/A | N/A |
| DC\_18A\_n3A-n78A | 18 | 820 | 5 | 25 | 865 | N/A | N/A |
|  | n3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
|  | n78 | 3390 | 10 | 50 | 3390 | 15.2 | IMD33 |
| DC\_13A\_n2A-n77A | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
|  | n2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
|  | n77 | 3444 | 10 | 50 | 3444 | 17.3 | IMD3 |
|  | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
|  | n2 | 1880 | 5 | 25 | 1960 | 16.0 | IMD3 |
|  | n77 | 3524 | 10 | 50 | 3524 | N/A | N/A |
| DC\_18A-28A\_n77A  DC\_18A\_n28A-n77A | 18 | 820 | 5 | 25 | 865 | N/A | N/A |
|  | 28/n28 | 723 | 5 | 25 | 778 | 4.4 | IMD5 |
|  | n77 | 4058 | 10 | 50 | 4058 | N/A | N/A |
| DC\_18A-28A\_n77A | 18 | 820 | 5 | 25 | 865 | 3.9 | IMD5 |
|  | 28 | 723 | 5 | 25 | 778 | N/A | N/A |
|  | n77 | 3757 | 10 | 50 | 3757 | N/A | N/A |
| DC\_18A-28A\_n78A | 18 | 819 | 5 | 25 | 864 | 3.8 | IMD5 |
|  | 28 | 723 | 5 | 25 | 778 | N/A | N/A |
|  | n78 | 3756 | 10 | 50 | 3756 | N/A | N/A |
| DC\_18A\_n28A-n77A  DC\_18A\_n28A-n78A | 18 | 820 | 5 | 25 | 865 | N/A | N/A |
|  | n28 | 710 | 5 | 25 | 765 | N/A | N/A |
|  | n77/n78 | 3770 | 10 | 50 | 3770 | 4.0 | IMD5 |
| DC\_18A-41A\_n3A  DC\_18A-41C\_n3A | 18 | 820 | 5 | 25 | 865 | N/A | N/A |
|  | n3 | 1725 | 5 | 25 | 1820 | N/A | N/A |
|  | 41 | 2630 | 5 | 25 | 2630 | 16.0 | IMD3 |
|  | 18 | 820 | 5 | 25 | 865 | 28.9 | IMD21 |
|  | n3 | 1765 | 5 | 25 | 1860 | N/A | N/A |
|  | 41 | 2630 | 5 | 25 | 2630 | N/A | N/A |
| DC\_18A-41A\_n77A  DC\_18A-41C\_n77A | 18 | 820 | 5 | 25 | 865 | 3.4 | IMD5 |
|  | n77 | 3527.5 | 10 | 50 | 3527.5 | N/A | N/A |
|  | 41 | 2640 | 5 | 25 | 2640 | N/A | N/A |
| DC\_18A\_n41A-n77A  DC\_18A\_n41A-n78A | 18 | 820 | 5 | 25 | 865 | N/A | N/A |
|  | n41 | 2570 | 5 | 25 | 2570 | N/A | N/A |
|  | n77/n78 | 3390 | 10 | 50 | 3390 | 30.1 | IMD2 |
|  | 18 | 820 | 5 | 25 | 865 | N/A | N/A |
|  | n77/n78 | 3450 | 10 | 50 | 3450 | N/A | N/A |
|  | n41 | 2630 | 5 | 25 | 2630 | 28.5 | IMD2 |
| DC\_18A-41A\_n78A  DC\_18A-41C\_n78A | 18 | 820 | 5 | 25 | 865 | 3.4 | IMD5 |
|  | n78 | 3527.5 | 10 | 50 | 3527.5 | N/A | N/A |
|  | 41 | 2640 | 5 | 25 | 2640 | N/A | N/A |
| DC\_19A\_n1A-n77A  DC\_19A\_n1A-n78A | 19 | 840 | 5 | 25 | 885 | N/A | N/A |
|  | n1 | 1975 | 5 | 25 | 2165 | N/A | N/A |
|  | n77/n78 | 3655 | 10 | 50 | 3655 | [21.4] | IMD3 |
|  | 19 | 832.5 | 5 | 25 | 877.5 | N/A | N/A |
|  | n1 | 1940 | 5 | 25 | 2130 | 17.8 | IMD3 |
|  | n77/n78 | 3795 | 10 | 50 | 3795 | N/A | N/A |
| DC\_19A-21A\_n77A  DC\_19A-21A\_n78A | 19 | 837.5 | 5 | 25 | 882.5 | 18.7 | IMD3 |
|  | 21 | 1450.4 | 5 | 25 | 1498.4 | N/A | N/A |
|  | n77, n78 | 3783.3 | 10 | 50 | 3783.3 | N/A | N/A |
| DC\_19A-21A\_n77A | 19 | 837.5 | 5 | 25 | 882.5 | N/A | N/A |
|  | 21 | 1454.5 | 5 | 25 | 1502.5 | 9.0 | IMD4 |
|  | n77 | 4015 | 10 | 50 | 4015 | N/A | N/A |
| DC\_19A-21A\_n79A | 19 | N/A | N/A | N/A | N/A | N/A | IMD5 |
|  | 21 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | n79 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 19 | 837.5 | 5 | 25 | 882.2 | N/A | N/A |
|  | 21 | 1452 | 5 | 25 | 1500 | 3.8 | IMD5 |
|  | n79 | 4850 | 40 | 216 | 4850 | N/A | N/A |
| DC\_20A\_n1A-n78A | 20 | 845 | 5 | 25 | 804 | N/A | N/A |
|  | n1 | 1940 | 5 | 25 | 2130 | N/A | N/A |
|  | n78 | 3630 | 10 | 50 | 3630 | 16.0 | IMD3 |
|  | 20 | 835 | 5 | 25 | 794 | N/A | N/A |
|  | n1 | 1930 | 5 | 25 | 2120 | 15.3 | IMD3 |
|  | n78 | 3790 | 10 | 50 | 3790 | N/A | N/A |
| DC\_20A\_n3A-n78A | 20 | 845 | 5 | 25 | 804 | N/A | N/A |
|  | n3 | 1730 | 5 | 25 | 1825 | N/A | N/A |
|  | n78 | 3420 | 10 | 50 | 3420 | 16.1 | IMD3 |
|  | 20 | 845 | 5 | 25 | 804 | N/A | N/A |
|  | n3 | 1765 | 5 | 25 | 1860 | 15.7 | IMD3 |
|  | n78 | 3550 | 10 | 50 | 3550 | N/A | N/A |
| DC\_20A\_38A-n78A | 20 | N/A | N/A | N/A | N/A | N/A | IMD2 |
|  | 38 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | n78 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 20 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 38 | N/A | N/A | N/A | N/A | N/A | IMD2 |
|  | n78 | N/A | N/A | N/A | N/A | N/A | N/A |
| DC\_20A\_n7A-n28A | 20 | 857 | 5 | 25 | 816 | N/A | N/A |
|  | n7 | 2512 | 5 | 25 | 2632 | N/A | N/A |
|  | n28 | 743 | 5 | 25 | 798 | 13.9 | IMD3 |
|  | 20 | 852 | 5 | 25 | 811 | N/A | N/A |
|  | n7 | 2550 | 10 | 50 | 2670 | 5.9 | IMD5 |
|  | n28 | 738 | 5 | 25 | 793 | N/A | N/A |
| DC\_20A\_SUL\_n78A-n80A | 20 | 847 | 5 | 25 | 806 | 9 | IMD4 |
|  | n80 | 1735 | 5 | 25 |  | N/A | N/A |
| DC\_20A\_n41A-n78A | 20 | 845 | 5 | 25 | 804 | N/A | N/A |
|  | n41 | 2675 | 10 | 50 | 2675 | 29.8 | IMD2 |
|  | n78 | 3520 | 10 | 50 | 3520 | N/A | N/A |
|  | 20 | 850 | 5 | 25 | 809 | N/A | N/A |
|  | n41 | 2550 | 10 | 50 | 2550 | N/A | N/A |
|  | n78 | 3400 | 10 | 50 | 3400 | 28.8 | IMD2 |
| DC\_21A\_n1A-n77A  DC\_21A\_n1A-n78A | 21 | 1450.4 | 5 | 25 | 1498.4 | N/A | N/A |
|  | n1 | 1964.6 | 5 | 25 | 2154.6 | 30.6 | IMD24 |
|  | n77/n78 | 3605 | 10 | 50 | 3605 | N/A | N/A |
| DC\_21A-28A\_n77A | 21 | 1452 | 5 | 25 | 1500 | N/A | N/A |
|  | 28 | 730.5 | 5 | 25 | 785.5 | 16.9 | IMD3 |
|  | n77 | 3689.5 | 10 | 50 | 3689.5 | N/A | N/A |
|  | 21 | 1450.5 | 5 | 25 | 1498.5 | 9.9 | IMD4 |
|  | 28 | 730.5 | 5 | 25 | 785.5 | N/A | N/A |
|  | n77 | 3690 | 10 | 50 | 3690 | N/A | N/A |
| DC\_21A-28A\_n79A | 21 | 1450 | 5 | 25 | 1498 | 5.2 | IMD5 |
|  | 28 | 730.5 | 5 | 25 | 785.5 | N/A | N/A |
|  | n79 | 4420 | 40 | 216 | 4420 | N/A | N/A |
| DC\_21A-42A\_n1A | 21 | 1452 | 5 | 25 | 1500 | 31.4 | IMD2 |
|  | 42 | 3450 | 10 | 50 | 3450 | N/A | N/A |
|  | n1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| DC\_28A\_n1A-n40A | 28 | 743 | 5 | 25 | 798 | N/A | N/A |
|  | n1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
|  | n40 | 2374 | 5 | 25 | 2374 | 10.1 | IMD4 |
| DC\_28A\_n1A-n78A | 28 | 733 | 5 | 25 | 788 | N/A | N/A |
|  | n1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | n78 | 3416 | 10 | 50 | 3416 | 15.7 | IMD3 |
|  | 28 | 740 | 5 | 25 | 795 | N/A | N/A |
|  | n1 | 1960 | 5 | 25 | 2150 | 15.7 | IMD3 |
|  | n78 | 3630 | 10 | 50 | 3630 | N/A | N/A |
| DC\_28A\_n3A-n77A | 28 | 735 | 5 | 25 | 790 | N/A | N/A |
|  | n3 | 1755 | 5 | 25 | 1850 | 17.0 | IMD3 |
|  | n77 | 3320 | 10 | 52 | 3320 | N/A | N/A |
|  | 28 | 733 | 5 | 25 | 788 | N/A | N/A |
|  | n3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | n77 | 4173 | 10 | 50 | 4173 | 15.9 | IMD3 |
| DC\_28A\_n7A-n78A  DC\_28A\_n7B-n78A | 28 | 745 | 5 | 25 | 800 | N/A | N/A |
|  | n7 | 2565 | 5 | 25 | 2685 | N/A | N/A |
|  | n78 | 3310 | 10 | 50 | 3310 | 29.7 | IMD2 |
|  | 28 | 740 | 5 | 25 | 795 | N/A | N/A |
|  | n7 | 2530 | 5 | 25 | 2650 | 30.5 | IMD2 |
|  | n78 | 3390 | 10 | 50 | 3390 | N/A | N/A |
| DC\_28A-41A\_n77A | 28 | 738 | 5 | 25 | 793 | N/A | N/A |
|  | n77 | 3380 | 10 | 50 | 3380 | N/A | N/A |
|  | 41 | 2642 | 5 | 25 | 2642 | 29.5 | IMD2 |
| DC\_28A-41A\_n77A | 41 | 2642 | 5 | 25 | 2642 | N/A | N/A |
|  | n77 | 3440 | 10 | 50 | 3440 | N/A | N/A |
|  | 28 | 743 | 5 | 25 | 798 | 30.8 | IMD2 |
| DC\_28A-41A\_n77A | 41 | 2567.5 | 10 | 50 | 2567.5 | N/A | N/A |
|  | n77 | 3460 | 10 | 50 | 3460 | N/A | N/A |
|  | 28 | 727.5 | 5 | 25 | 782.5 | 3.0 | IMD5 |
| DC\_28A-41A\_n78A | 28 | 738 | 5 | 25 | 793 | N/A | N/A |
|  | n78 | 3380 | 10 | 50 | 3380 | N/A | N/A |
|  | 41 | 2642 | 5 | 25 | 2642 | 29.5 | IMD2 |
| DC\_28A-41A\_n78A | 41 | 2642 | 5 | 25 | 2642 | N/A | N/A |
|  | n78 | 3440 | 10 | 50 | 3440 | N/A | N/A |
|  | 28 | 743 | 5 | 25 | 798 | 30.8 | IMD2 |
| DC\_28A-41A\_n79A | 28 | 743 | 5 | 25 | 798 | N/A | N/A |
|  | n79 | 4739 | 40 | 216 | 4739 | N/A | N/A |
|  | 41 | 2510 | 5 | 25 | 2510 | 8.6 | IMD4 |
| DC\_28A-41A\_n79A | 41 | 2650 | 5 | 25 | 2650 | N/A | N/A |
|  | n79 | 4502 | 40 | 216 | 4502 | N/A | N/A |
|  | 28 | 743 | 5 | 25 | 798 | 15.9 | IMD3 |
| DC\_28A-42A\_79A | 28 | 730 | 5 | 25 | 785 | N/A | N/A |
|  | 42 | 3420 | 5 | 25 | 3420 | 15.3 | IMD3 |
|  | n79 | 4880 | 40 | 216 | 4880 | N/A | N/A |
|  | 28 | 745 | 5 | 25 | 800 | 16.2 | IMD2 |
|  | 42 | 3597.5 | 5 | 25 | 3597.5 | N/A | N/A |
|  | n79 | 4420 | 40 | 216 | 4420 | N/A | N/A |
| DC\_28A-66A\_n7A | 28 | 735 | 5 | 25 | 790 | 27.6 | IMD2 |
|  | 66 | 1715 | 5 | 25 | 2115 | N/A | N/A |
|  | n7 | 2505 | 5 | 50 | 2625 | N/A | N/A |
| DC\_28A-66A\_n66A | 28 | 710.5 | 5 | 25 | 765.5 | N/A | N/A |
|  | 66 | 1729 | 5 | 25 | 2129 | 11.0 | IMD4 |
|  | n66 | 1775 | 5 | 25 | 2175 | N/A | N/A |
| DC\_19A\_n78A-n79A | 19 | 835 | 5 | 25 | 880 | N/A | N/A |
|  | n78 | 3680 | 10 | 50 | 3680 | N/A | N/A |
|  | n79 | 4515 | 40 | 216 | 4515 | 29.3 | IMD2 |
|  | 19 | 835 | 5 | 25 | 880 | N/A | N/A |
|  | n79 | 4550 | 40 | 216 | 4550 | N/A | N/A |
|  | n78 | 3715 | 10 | 50 | 3715 | 28.8 | IMD2 |
| DC\_20A-28A\_n3A | 20 | 845 | 5 | 25 | 804 | N/A | N/A |
|  | 28 | 730 | 5 | 25 | 785 | 9.4 | IMD4 |
|  | n3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
| DC\_20A\_n28A-n78A, DC\_20A\_SUL\_n78A-n83A | 20 | 857 | 5 | 25 | 816 | N/A | N/A |
|  | n28, n83 | 743 | 5 | 25 | 798 | N/A | N/A |
|  | n78 | 3314 | 10 | 50 | 3314 | 8.7 | IMD4 |
|  | 20 | 837 | 5 | 25 | 796 | N/A | N/A |
|  | n78 | 3310 | 10 | 50 | 3310 | N/A | N/A |
|  | n28 | 744 | 5 | 25 | 799 | 9.4 | IMD4 |
| DC\_20A-32A\_n1A | n1 | 1950.5 | 5 | 50 | 2140.5 | N/A | N/A |
|  | 20 | 852.5 | 5 | 25 | 811.5 | N/A | N/A |
|  | 32 | N/A | 5 | N/A | 1459.5 | 4.0 | IMD5 |
| DC\_20A-40A\_n78A | 20 | 856 | 5 | 25 | 815 | 19.8 | IMD3 |
| 40 | 2302.5 | 5 | 25 | 2302.5 | N/A | N/A |
| n78 | 3790 | 10 | 50 | 3790 | N/A | N/A |
| DC\_21A\_n78A-n79A | 21 | 1453 | 5 | 25 | 1501 | N/A | N/A |
|  | n78 | 3420 | 10 | 50 | 3420 | N/A | N/A |
|  | n79 | 4873 | 40 | 216 | 4873 | 30.1 | IMD2 |
|  | 21 | 1453 | 5 | 25 | 1501 | N/A | N/A |
|  | n79 | 4940 | 40 | 216 | 4940 | N/A | N/A |
|  | n78 | 3487 | 10 | 50 | 3487 | 29.8 | IMD2 |
| DC\_25A-66A\_n77A  DC\_25A-25A-66A\_n77A | 25 | 1855 | 5 | 25 | 1935 | N/A | N/A |
| 66 | 1765 | 5 | 25 | 2165 | 29.2 | IMD2 |
| n77 | 4020 | 10 | 25 | 4020 | N/A | N/A |
| 25 | 1905 | 5 | 25 | 1985 | M/A | N/A |
| 66 | 1720 | 5 | 25 | 2120 | 10.4 | IMD4 |
| n77 | 3595 | 10 | 25 | 3595 | N/A | N/A |
| 25 | 1885 | 5 | 25 | 1965 | M/A | N/A |
| 66 | 1775 | 5 | 25 | 2175 | 4.0 | IMD5 |
| n77 | 3915 | 10 | 25 | 3915 | N/A | N/A |
| 25 | 1880 | 5 | 25 | 1960 | 32.1 | IMD2 |
| 66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
| n77 | 3700 | 10 | 25 | 3700 | N/A | N/A |
| 25 | 1860 | 5 | 25 | 1940 | 9.1 | IMD4 |
| 66 | 1775 | 5 | 25 | 2175 | N/A | N/A |
| n77 | 3385 | 10 | 25 | 3385 | N/A | N/A |
| 25 | 1900 | 5 | 25 | 1980 | 4.2 | IMD5 |
| 66 | 1770 | 5 | 25 | 2170 | N/A | N/A |
| n77 | 3645 | 10 | 25 | 3645 | N/A | N/A |
| DC\_25A-66A\_n78A  DC\_25A-25A-66A\_n78A | 25 | 1880 | 5 | 25 | 1960 | M/A | N/A |
| 66 | 1760 | 5 | 25 | 2160 | 10.4 | IMD4 |
| n78 | 3480 | 10 | 50 | 3480 | N/A | N/A |
| 25 | 1880 | 5 | 25 | 1960 | 32.1 | IMD2 |
| 66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
| n78 | 3700 | 10 | 50 | 3700 | N/A | N/A |
| 25 | 1880 | 5 | 25 | 1960 | 9.1 | IMD4 |
| 66 | 1770 | 5 | 25 | 2170 | N/A | N/A |
| n78 | 3350 | 10 | 50 | 3350 | N/A | N/A |
| 25 | 1900 | 5 | 25 | 1980 | 4.2 | IMD5 |
| 66 | 1770 | 5 | 25 | 2170 | N/A | N/A |
| n78 | 3645 | 10 | 25 | 3645 | N/A | N/A |
| DC\_28A\_n8A-n78A | 28 | 728 | 5 | 25 | 783 | N/A | N/A |
|  | n8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | n78 | 3458 | 10 | 50 | 3458 | 9.1 | IMD4 |
|  | 28 | 713 | 5 | 25 | 768 | N/A | N/A |
|  | n8 | 890 | 5 | 25 | 935 | 4.3 | IMD5 |
|  | n78 | 3787 | 10 | 50 | 3787 | N/A | N/A |
| DC\_30A-66A\_n5A,  DC\_30A-66A-66A\_n5A,  DC\_30A-66A-66A-66A\_n5A | 30 | 2310 | 5 | 25 | 2355 | N/A | N/A |
|  | 66 | 1730 | 5 | 25 | 2130 | 2.5 | IMD5 |
|  | n5 | 830 | 5 | 25 | 875 | N/A | N/A |
| DC\_39A\_n40A-n79A | 39 | 1917.5 | 5 | 25 | 1917.5 | N/A | N/A |
|  | n40 | 2302.5 | 5 | 25 | 2302.5 | N/A | N/A |
|  | n79 | 4980 | 40 | 216 | 4980 | 5.8 | IMD4 |
| DC\_39A\_n41A-n79A | 39 | 1900 | 5 | 25 | 1900 | N/A | N/A |
|  | n41 | 2620 | 10 | 50 | 2620 | N/A | N/A |
|  | n79 | 4520 | 40 | 216 | 4520 | 29.8 | IMD24 |
|  | 39 | 1900 | 5 | 25 | 1900 | N/A | N/A |
|  | n41 | 2620 | 10 | 50 | 2620 | 30.2 | IMD24 |
|  | n79 | 4520 | 40 | 216 | 4520 | N/A | N/A |
| DC\_41A\_n3A-n77A  DC\_41C\_n3A-n77A  DC\_41A\_n3A-n78A  DC\_41C\_n3A-n78A | 41 | 2620 | 5 | 25 | 2620 | N/A | N/A |
|  | n3 | 1745 | 5 | 25 | 1840 | 16.4 | IMD3 |
|  | n77/n78 | 3400 | 10 | 50 | 3400 | N/A | N/A |
|  | 41 | 2580 | 5 | 25 | 2580 | N/A | N/A |
|  | n3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | n77/n78 | 3440 | 10 | 50 | 3440 | 16.8 | IMD34 |
| DC\_41A\_n28A-n77A  DC\_41C\_n28A-n77A  DC\_41A\_n28A-n78A  DC\_41C\_n28A-n78A | 41 | 2580 | 5 | 25 | 2580 | N/A | N/A |
|  | n28 | 743 | 5 | 25 | 798 | N/A | N/A |
|  | n77/n78 | 3323 | 10 | 50 | 3323 | 28.2 | IMD21 |
|  | 41 | 2642 | 5 | 25 | 2642 | N/A | N/A |
|  | n28 | 743 | 5 | 25 | 798 | 30.8 | IMD21 |
|  | n77/n78 | 3440 | 10 | 50 | 3440 | N/A | N/A |
| DC\_46A-66A\_n5A | 46 | 5163 | 10 | 50 | 5163 | 9.0 | IMD4 |
|  | 66 | 1775 | 5 | 25 | 2175 | N/A | N/A |
|  | n5 | 847 | 5 | 25 | 892 | N/A | N/A |
| DC\_46A-66A\_n25A4  DC\_46C-66A\_n25A4  DC\_46D-66A\_n25A4 | 46 | 5505 | 10 | 50 | 5505 | 16.1 | IMD3 |
|  | 66 | 1775 | 5 | 25 | 2175 | N/A | N/A |
|  | n25 | 1855 | 5 | 25 | 1935 | 20 | IMD3 |
|  | 46 | 5505 | 10 | 50 | 5505 | 16.1 | IMD3 |
|  | 66 | 1750 | 5 | 25 | 2150 | 4 | IMD5 |
|  | n25 | 1883.3 | 5 | 25 | 1963.3 | N/A | N/A |
|  | 46 | 5505 | 10 | 50 | 5505 | 16.1 | IMD3 |
|  | 66 | 1712.5 | 5 | 25 | 2112.5 | 23 | IMD3 |
|  | n25 | 1912.5 | 5 | 25 | 1992.5 | N/A | N/A |
| DC\_48A-66A\_n12A | 48 | 3580 | 5 | 25 | 3580 | N/A | N/A |
|  | 66 | 1760 | 5 | 25 | 2160 | 17.1 | IMD3 |
|  | n12 | 710 | 5 | 25 | 740 | N/A | N/A |
| DC\_48A-66A\_n25A  DC\_48C-66A\_n25A  DC\_48D-66A\_n25A | 48 | 3630 | 20 | 100 | 3630 | N/A | N/A |
|  | 66 | 1730 | 5 | 25 | 2130 | 8.3 | IMD4 |
|  | n25 | 1883.3 | 5 | 25 | 1963.3 | N/A | N/A |
|  | 48 | 3620 | 10 | 50 | 3620 | 29.4 | IMD2 |
|  | 66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
|  | n25 | 1880 | 5 | 25 | 1960 | N/A | N/A |
| DC\_48A-66A\_n71A | 48 | 3560 | 5 | 25 | 3560 | N/A | N/A |
|  | 66 | 1774 | 5 | 25 | 2174 | 15.8 | IMD3 |
|  | n71 | 693 | 5 | 25 | 647 | N/A | N/A |
|  | 48 | 3697.5 | 5 | 25 | 3697.5 | 13.0 | IMD4 |
|  | 66 | 1712.5 | 5 | 25 | 2112.5 | N/A | N/A |
|  | n71 | 665.5 | 5 | 25 | 619.5 | N/A | N/A |
| DC\_66A\_n2A-n77A | 66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
|  | n2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
|  | n77 | 3620 | 10 | 50 | 3620 | 29.4 | IMD2 |
|  | n2 | 1880 | 5 | 25 | 1960 | 32.1 | IMD2 |
|  | 66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
|  | n77 | 3700 | 10 | 50 | 3700 | N/A | N/A |
| DC\_66A\_n5A-n48A | 66 | 1750 | 5 | 25 | 2150 | N/A | N/A |
|  | n5 | 834 | 5 | 25 | 879 | N/A | N/A |
|  | n48 | 3582 | 5 | 25 | 3582 | 3.3 | IMD5 |
| DC\_66A\_n5A-n77A | 66 | 1760 | 5 | 25 | 2160 | N/A | N/A |
|  | n5 | 830 | 5 | 25 | 875 | N/A | N/A |
|  | n77 | 3420 | 10 | 50 | 3420 | 16.6 | IMD3 |
| DC\_66A\_n7A-n78A,  DC\_66A-66A\_n7A-n78  DC\_66A\_n7(2A)-n78A  DC\_66A-66A\_n7(2A)-n78A  DC\_66A\_n7A-n78(2A)  DC\_66A-66A\_n7A-n78(2A)  DC\_66A-66A\_n7(2A)-n78(2A) | 66 | 1730 | 5 | 25 | 2130 | N/A | N/A |
|  | n7 | 2560 | 5 | 25 | 2680 | N/A | N/A |
|  | n78 | 3390 | 10 | 50 | 3390 | 16.1 | IMD3 |
| DC\_66A\_n25A-n41A | 66 | 1715 | 5 | 25 | 2115 | N/A | N/A |
|  | n41 | 2685 | 10 | 50 | 2685 | N/A | N/A |
|  | n25 | 1860 | 5 | 25 | 1940 | 5 | 11.0 |
| DC\_66A\_n25A-n48A | 66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
|  | n25 | 1880 | 5 | 25 | 1960 | N/A | N/A |
|  | n48 | 3620 | 10 | 50 | 3620 | 29.4 | IMD2 |
|  | 66 | 1735 | 5 | 25 | 2135 | N/A | N/A |
|  | n25 | 1880 | 5 | 25 | 1960 | 28.3 | IMD2 |
|  | n48 | 3695 | 5 | 25 | 3695 | N/A | N/A |
| DC\_66A\_n38A-n78A | 66 | 1760 | 5 | 25 | 2160 | N/A | N/A |
|  | n38 | 2610 | 5 | 25 | 2610 | N/A | N/A |
|  | n78 | 3460 | 10 | 50 | 3460 | 15.0 | IMD3 |
| DC\_66A\_n66A-n77A | 66 | 1730 | 5 | 25 | 2140 | N/A | N/A |
|  | n66 | 1760 | 5 | 25 | 2170 | 31 | IMD2 |
|  | n77 | 3900 | 10 | 50 | 3900 | N/A | N/A |
| DC\_66A\_n66A-n78A | 66 | 1775 | 5 | 25 | 2175 | N/A | N/A |
|  | n66 | 1725 | 5 | 25 | 2125 | 2.8 | IMD5 |
|  | n78 | 3725 | 10 | 50 | 3725 | N/A | N/A |
| NOTE 1: This band is subject to IMD3 also which MSD is not specified.  NOTE 2: For DC\_3A\_n3A-n77A, DC\_3A\_n3A-n78A paired with UL\_DC\_3A\_n3A, the 3rd DL bands n77/n78 are subject to IMD2 which MSD is not specified  NOTE 3: This MSD requirement apply with both IMD2 and IMD3 products should be generated.  NOTE 4: This band is subject to IMD5 also which MSD is not specified.  NOTE 5: When Band 46 have self-interference problems by dual uplink CA/EN-DC, then the requirements do not apply in exclusion zone which is frequency range within (harmonics frequency region + FHD) and IMD frequency region as follow.  IMD frequency range   |  |  |  |  | | --- | --- | --- | --- | | DL\_CA configuration | UL\_CA configuration | Exclusion zone center frequency | Exclusion zone BW | | DC\_2A-46A\_n66A | DC\_2A\_n66A | 2\*fc\_2A + fc\_n66A | 2\*BW\_2A + BW\_n66A | | DC\_2A-46A\_n66A | DC\_2A\_n66A | fc\_2A + 2\*fc\_n66A | BW\_2A + 2\*BW\_n66A |   NOTE 6: For NR band, UL/DL BW and UL LCRB can be adjusted according to the supported BW and lowest SCS supported by the UE.  NOTE 7: This band is also subject to IMD2 which is not specified. The frequency range below 3400MHz in n77 is not used for this combination.  NOTE 8: Band 5 is also affected by IMD5 from UL DC\_2A\_n12A, but MSD value is not specified as there is only partial overlap of IMD5 with DL carrier  NOTE 9: The frequency range in band n28 is restricted for this band combination to 728 - 738 MHz for the UL and 783 - 793 MHz for the DL. This band is subject to IMD2 fall in B1 also which MSD is not specified. | | | | | | | |

###### *------------------------------ Modified section ------------------------------*

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

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

| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔRIB,c (dB) |
| --- | --- | --- |
| DC\_1-3\_n28 | n28 | 0.2 |
| DC\_1\_n3-n28 | n28 | 0.2 |
| DC\_1-3\_n41  DC\_1-41\_n3  DC\_1\_n3-n41 | n41 or 41 | 01 |
|  |  | 0.52 |
| DC\_1-3\_n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1\_n3-n78 | 1 | 0.2 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-5\_n78 | 1 | 0.2 |
|  | 5 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7\_n8 | n8 | 0.2 |
| DC\_1-7\_n28 | n28 | 0.2 |
| DC\_1-7\_n40 | 7 | 0.3 |
|  | n40 | 0.8 |
| DC\_1-7\_n78  DC\_1-7-7\_n78  DC\_1\_n7-n78 | 1 | 0.2 |
|  | 7 or n7 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-8\_n28 | 8 | 0.2 |
|  | n28 | 0.2 |
| DC\_1\_n8-n40 | n8 | 0.2 |
|  | n40 | 0.5 |
| DC\_1-8\_n77 | 8 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-8\_n78 | 8 | 0.2 |
|  | n78 | 0.5 |
| DC\_1\_n8-n78 | 1 | 0.2 |
|  | n8 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-11\_n3 | 11 | 0.3 |
|  | n3 | 0.5 |
| DC\_1-11\_n28 | n28 | 0.2 |
| DC\_1-11\_n77 | 1 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-11\_n78 | n78 | 0.5 |
| DC\_1-18\_n77 | n77 | 0.5 |
| DC\_1-18\_n78 | n78 | 0.5 |
| DC\_1-19\_n77 | n77 | 0.5 |
| DC\_1-19\_n78 | n78 | 0.5 |
| DC\_1-19\_n79 | 1 | 0.3 |
|  | 19 | 0.3 |
| DC\_1-20\_n28 | 20 | 0.2 |
|  | n28 | 0.2 |
| DC\_1-20\_n78 | n78 | 0.5 |
| DC\_1-21\_n28 | n28 | 0.2 |
| DC\_1-21\_n77 | n77 | 0.5 |
| DC\_1-21\_n78 | 1 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-20\_n38 | 20 | 0.2 |
| DC\_1-28-n3 | 28 | 0.2 |
| DC\_1-28\_n7 | 28 | 0.2 |
| DC\_1\_n28-n40 | n28 | 0.2 |
| DC\_1-28\_n40 | 28 | 0.2 |
| DC\_1-28\_n77 | 28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1\_n28-n77 | 1 | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-28\_n78  DC\_1\_n28-n78 | 28 or n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1\_n28-n79 | 1 | 0.3 |
|  | 28 | 0.3 |
| DC\_1-32\_n28 | n28 | 0.2 |
| DC\_1-32\_n78 | n78 | 0.5 |
| DC\_1-40-n78 | 1 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_1-41\_n78  DC\_1\_n41-n78 | n78 | 0.5 |
| DC\_1-41\_n3 | 41 | 01/0.52 |
| DC\_1-41\_n28 | n28 | 0.2 |
| DC\_1-41\_n77  DC\_1\_n41-n77 | n77 | 0.5 |
| DC\_1-41\_n78 | n78 | 0.5 |
| DC\_1-42\_n3 | 42 | 0.5 |
|  | n3 | 0.2 |
| DC\_1-42\_n28 | 42 | 0.5 |
|  | n28 | 0.5 |
| DC\_1-42\_n77 | 1 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-42\_n78 | 1 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-42\_n79 | 42 | 0.5 |
| DC\_1\_n75-n78 | n78 | 0.5 |
| DC\_1\_n77-n79 | 1 | 0.2 |
|  | n77 | 0.5 |
| DC\_1\_SUL\_n77-n80 | 1 | 0.2 |
|  | n77 | 0.5 |
| DC\_1\_SUL\_n77-n84 | 1 | 0.2 |
|  | n77 | 0.5 |
| DC\_1\_n78-n79 | n78 | 0.5 |
| DC\_1\_SUL\_n78-n80 | 1 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-SUL\_n78-n84 | n78 | 0.5 |
| DC\_2-4-n28 | 2 | 0.3 |
|  | 4 | 0.3 |
|  | n28 | 0.5 |
| DC\_2-4\_n38 | 2 | 0.3 |
|  | 4 | 0.5 |
|  | n38 | 0.5 |
| DC\_2-4\_n41 | 2 | 0.3 |
|  | 4 | 0.5 |
|  | n41 | 0.5 |
| DC\_2-5\_n12 | 5 | 0.5 |
|  | n12 | 0.3 |
| DC\_2-5\_n48 | 2 | 0.2 |
|  | n48 | 0.5 |
| DC\_2-5\_n66  DC\_2-5-5\_n66 | 2 | 0.3 |
|  | n66 | 0.3 |
| DC\_2-5\_n77 | 2 | 0.2 |
|  | 5 | 0.2 |
|  | n77 | 0.5 |
| DC\_2\_n5-n77 | 2 | 0.2 |
|  | n77 | 0.5 |
| DC\_2-7\_n38  DC\_2-2-7\_n38 | n38 | 0.2 |
| DC\_2-7\_n66  DC\_2-7-7\_n66  DC\_2\_n7-n66 | 2 | 0.3 |
|  | 7/n7 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7\_n71 | n71 | 0.2 |
| DC\_2-7\_n77  DC\_2-7-7\_n77 | 2 | 0.2 |
|  | 7 | 0.5 |
|  | n77 | 0.5 |
| DC\_2\_n7-n78 | 2 | 0.2 |
|  | n7 | 0.5 |
|  | n78 | 0.5 |
| DC\_2-12\_n5 | 12 | 0.3 |
|  | n5 | 0.5 |
| DC\_2-12\_n66, DC\_2-2-12\_n66 | 2 | 0.3 |
|  | 12 | 0.5 |
|  | n66 | 0.3 |
| DC\_2-12\_n78 | 2 | 0.2 |
| 12 | 0.2 |
| n78 | 0.5 |
| DC\_2-13\_n48 | 2 | 0.2 |
|  | n48 | 0.5 |
| DC\_2-13\_n66  DC\_2-2-13\_n66 | 2 | 0.3 |
|  | n66 | 0.3 |
| DC\_2-13\_n77 | 2 | 0.2 |
|  | 13 | 0.2 |
|  | n77 | 0.5 |
| DC\_2-14\_n66  DC\_2-2-14\_n66 | 2 | 0.3 |
|  | n66 | 0.3 |
| DC\_2-28\_n66 | 2 | 0.3 |
|  | 28 | 0.2 |
|  | n66 | 0.3 |
| DC\_2-29\_n66  DC\_2-2-29\_n66 | 2 | 0.3 |
|  | n66 | 0.3 |
| DC\_2-29-n78 | 2 | 0.2 |
| n78 | 0.5 |
| DC\_2-30\_n5, DC\_2-2-30\_n5 | 2 | 0.4 |
|  | 30 | 0.5 |
| DC\_2-30\_n66, DC\_2-2-30\_n66 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | n66 | 0.4 |
| DC\_2\_n38-n66 | 2 | 0.3 |
|  | n38 | 0.5 |
|  | n66 | 0.5 |
| DC\_2\_n38-n78 | 2 | 0.5 |
|  | n7 | 0.5 |
|  | n78 | 0.5 |
| DC\_2\_n41-n66 | 2 | 0.3 |
|  | n41 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-48\_n5 | 2 | 0.2 |
|  | 48 | 0.5 |
| DC\_2-48\_n12 | 2 | 0.2 |
|  | 48 | 0.5 |
| DC\_2-48\_n48 | 2 | 0.2 |
|  | 48 | 0.5 |
|  | n48 | 0.5 |
| DC\_2-48\_n66 | 2 | 0.3 |
|  | 48 | 0.5 |
|  | n66 | 0.3 |
| DC\_2-48\_n77 | 48 | 0.2 |
|  | n77 | 0.1 |
| DC\_2-48\_n71 | 2 | 0.2 |
|  | 48 | 0.5 |
| DC\_2-66\_n5  DC\_2-2-66\_n5  DC\_2-66-66\_n5  DC\_2-2-66-66\_n5  DC\_2-66-66-66\_n5 | 2 | 0.3 |
|  | 66 | 0.3 |
| DC\_2-66-n7 | 2 | 0.3 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_2-66\_n12 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n12 | 0.5 |
| DC\_2-66\_n25 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n25 | 0.3 |
| DC\_2-66-n28 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n28 | 0.2 |
| DC\_2-66\_n38  DC\_2-2-66\_n38  DC\_2-66-66\_n38 | 2 | 0.3 |
|  | 66 | 0.5 |
|  | n38 | 0.5 |
| DC\_2-66\_n41 | 2 | 0.3 |
|  | 66 | 0.5 |
|  | n41 | 0.51 |
|  |  | 12 |
| DC\_2-66\_n48  DC\_2-66-66\_n48 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n48 | 0.5 |
| DC\_2-66\_n66 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n66 | 0.3 |
| DC\_2-66\_n71  DC\_2\_n66-n71 | 2 | 0.3 |
|  | 66 | 0.3 |
| DC\_2-66\_n77 | 2 | 0.2 |
|  | 66 | 0.2 |
|  | n77 | 0.5 |
| DC\_2\_n66-n77  DC\_2-2\_n66-n77 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n77 | 0.5 |
| DC\_2-66\_n78  DC\_2-66-66\_n78  DC\_2\_n66-n78 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n78 | 0.5 |
| DC\_2-71\_n66  DC\_2-2-71\_n66 | 2 | 0.3 |
|  | n66 | 0.3 |
| DC\_2-71\_n78  DC\_2-2-71\_n78 | 2 | 0.2 |
|  | 71 | 0.2 |
|  | n78 | 0.5 |
| DC\_3\_n1-n28 | n28 | 0.2 |
| DC\_3\_n1-n77 | 3 | 0.2 |
|  | n1 | 0.2 |
|  | n77 | 0.5 |
| DC\_3\_n1-n78 | 3 | 0.2 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_3\_n3-n41 | n41 | 01/0.52 |
| DC\_3\_n3-n77 | 3 | 0.2 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_3\_n3-n78 | 3 | 0.2 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-5\_n78 | 3 | 0.2 |
|  | 5 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7\_n40 | 7 | 0.3 |
|  | n40 | 0.8 |
| DC\_3-7\_n77  DC\_3-3-7\_n77  DC\_3-7-7\_n77  DC\_3-3-7-7\_n77 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-7\_n8 | n8 | 0.2 |
| DC\_3-7\_n78  DC\_3-7-7\_n78  DC\_3-3-7\_n78  DC\_3-3-7-7\_n78  DC\_3\_n7-n78 | 3 | 0.2 |
|  | 7 or n7 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-8\_n28 | 8 | 0.2 |
|  | n28 | 0.1 |
| DC\_3-8\_n77 | 3 | 0.2 |
|  | 8 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-8\_n78  DC\_3-3-8\_n78  DC\_3\_n8-n78 | 3 | 0.2 |
|  | 8 or n8 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-11\_n28 | 3 | 0.3 |
|  | 11 | 0.5 |
|  | n28 | 0.2 |
| DC\_3-11\_n77 | 3 | 0.3 |
|  | 11 | 0.5 |
|  | n77 | 0.5 |
| DC\_3-18\_n41 | n41 | 03 |
| 0.54 |
| DC\_3-18-n77 | 3 | 0.2 |
|  | 18 | 0 |
|  | n77 | 0.5 |
| DC\_3-18-n78 | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-19\_n77 | 3 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-19\_n78 | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-20\_n28 | 20 | 0.1 |
|  | n28 | 0.1 |
| DC\_3-20\_n38 | 20 | 0.2 |
| DC\_3-20\_n78 | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3\_n20-n78 | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-21\_n1 | 3 | 0.3 |
|  | 21 | 0.5 |
| DC\_3-21\_n28 | 3 | 0.3 |
| 21 | 0.5 |
| DC\_3-21\_n77 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n77 | 0.5 |
| DC\_3-21\_n78 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n78 | 0.5 |
| DC\_3-21\_n79 | 3 | 0.3 |
|  | 21 | 0.5 |
| DC\_3-28\_n1 | 28 | 0.2 |
| DC\_3-28\_n5 | 28 | 0.1 |
|  | n5 | 0.1 |
| DC\_3-28\_n41 | n41 | 01/0.52 |
| DC\_3-28\_n77  DC\_3\_n28-n77 | 3 | 0.2 |
|  | 28 or n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-28\_n78  DC\_3\_n28-n78 | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-32\_n78 | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-38\_n78 | 3 | 0.2 |
|  | 38 | 0.4 |
|  | n78 | 0.5 |
| DC\_3\_n40-n41 | n41 | 04 |
|  |  | 0.53 |
| DC\_3-40-n78 | 3 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_3-41\_n3 | 41 | 03/0.54 |
| DC\_3-41\_n28 | 3 | 0 |
|  | 41 | 01/0.52 |
|  | n28 | 0 |
| DC\_3-41\_n41 | 41 | 03 |
|  |  | 0.54 |
|  | n41 | 03 |
|  |  | 0.54 |
| DC\_3-(n)41 | 41 | 03 |
|  |  | 0.54 |
|  | n41 | 03 |
|  |  | 0.54 |
| DC\_3-41-n77 | 3 | 0.2 |
|  | 41 | 01 |
|  |  | 0.52 |
|  | n77 | 0.5 |
| DC\_3-41\_n78  DC\_3\_n41-n78 | 3 | 0.2 |
|  | 41 or n41 | 01 |
|  |  | 0.52 |
|  | n78 | 0.5 |
| DC\_3-41-n79,  DC\_3\_n41-n79 | 3 | 0.2 |
|  | 41 or n41 | 01 |
|  |  | 0.52 |
| DC\_3\_SUL\_n41-n80 | n41 | 0.53 |
| DC\_3-42\_n1 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
| DC\_3-42\_n28 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n28 | 0.5 |
| DC\_3-42\_n77 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_3-42\_n78 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_3-42\_n79 | 3 | 0.2 |
|  | 42 | 0.5 |
| DC\_3\_n75-n78 | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3\_n77-n79 | 3 | 0.2 |
|  | n77 | 0.5 |
| DC\_3\_SUL\_n77-n80 | 3 | 0.2 |
|  | n77 | 0.5 |
| DC\_3\_SUL\_n77-n84 | 3 | 0.2 |
|  | n77 | 0.5 |
| DC\_3\_n78-n79 | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-SUL\_n78-n80 | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-SUL\_n78-n82 | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3\_SUL\_n78-n84 | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_4-7\_n28 | 4 | 0.5 |
|  | 7 | 0.5 |
|  | n28 | 0.2 |
| DC\_5-7\_n66 | 7 | 0.5 |
|  | n66 | 0.5 |
| DC\_5-7\_n71 | n71 | 0.2 |
| DC\_5-7\_n78, DC\_5-7-7\_n78 , DC\_5\_n7-n78 | 5 | 0.2 |
|  | 7 or n7 | 0.2 |
|  | n78 | 0.5 |
| DC\_5\_(n)12 | 5 | 0.5 |
|  | 12 | 0.3 |
|  | n12 | 0.3 |
| DC\_5\_30\_n66 | 30 | 0.5 |
|  | n66 | 0.4 |
| DC\_5-48\_n12 | 5 | 0.5 |
|  | n12 | 0.3 |
| DC\_5-66\_n2  DC\_5-5-66\_n2  DC\_5-66-66\_n2  DC\_5-5-66-66\_n2 | 66 | 0.3 |
|  | n2 | 0.3 |
| DC\_5-66-n7 | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_5-66\_n12 | 66 | 0.5 |
|  | n12 | 0.5 |
| DC\_5-66\_n48  DC\_5-66-66\_n48 | 66 | 0.2 |
|  | n48 | 0.5 |
| DC\_5-66\_n77 | 5 | 0.2 |
|  | 66 | 0.2 |
|  | n77 | 0.5 |
| DC\_5-66\_n78 | 5 | 0.2 |
|  | 66 | 0.2 |
|  | n78 | 0.5 |
| DC\_7\_n1-n78 | 7 | 0.2 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_7\_n3-n78 | 7 | 0.2 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_7\_n7-n78 | 7 | 0.5 |
|  | n7 | 0.5 |
|  | n78 | 0.5 |
| DC\_7-8\_n1  DC\_7-7-8\_n1 | 8 | 0.2 |
| DC\_7-8\_n28 | 8 | 0.2 |
|  | n28 | 0.1 |
| DC\_7\_n8-n40  DC\_7-8\_n40 | 8 or n8 | 0.2 |
|  | n40 | 0.5 |
| DC\_7-8\_n3 | 8 | 0.2 |
| DC\_7-8\_n77 | 8 | 0.2 |
|  | n77 | 0.5 |
| DC\_7-8\_n78  DC\_7-7-8\_n78  DC\_7\_n8-n78 | 8 or n8 | 0.2 |
|  | n78 | 0.5 |
| DC\_7-12\_n66 | 7 | 0.5 |
| 12 | 0.1 |
| n66 | 0.5 |
| DC\_7-12\_n78 | 7 | 0.2 |
| 12 | 0.5 |
| n78 | 0.5 |
| DC\_7-13\_n66 | 7 | 0.5 |
|  | n66 | 0.5 |
| DC\_7-20\_n28 | 20 | 0.2 |
|  | n28 | 0.2 |
| DC\_7-20\_n78 | n78 | 0.5 |
| DC\_7-25\_n77  DC\_7-7-25\_n77  DC\_7-25-25\_n77  DC\_7-7-25-25\_n77 | 7 | 0.5 |
| 25 | 0.2 |
| n77 | 0.5 |
| DC\_7-25\_n78  DC\_7-7-25\_n78  DC\_7-25-25\_n78  DC\_7-7-25-25\_n78 | 7 | 0.5 |
| 25 | 0.2 |
| n78 | 0.5 |
| DC\_7-28\_n1 | 28 | 0.2 |
| DC\_7\_n28-n40 | n40 | 0.5 |
| DC\_7-28\_n40 | n40 | 0.5 |
| DC\_7-28\_n66 | 28 | 0.2 |
| DC\_7-28\_n78 | n78 | 0.5 |
| DC\_7\_n28-n78 | n78 | 0.5 |
| DC\_7-32\_n28 | n28 | 0.2 |
| DC\_7-32\_n78 | n78 | 0.5 |
| DC\_7-40\_n1  DC\_7\_n1-n40 | 7 | 0.3 |
|  | 40 or n40 | 0.8 |
| DC\_7-40-n78 | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_7-46\_n78 | n78 | 0.5 |
| DC\_7-66\_n7  DC\_7-66-66\_n7 | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_7-66-n28 | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n28 | 0.2 |
| DC\_7-66\_n38 | n38 | 0.2 |
| DC\_7-66\_n66  DC\_7-7-66\_n66 | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_7-66\_n77  DC\_7-7-66\_n77 | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n77 | 0.5 |
| DC\_7\_n66-n78  DC\_7-7\_n66-n78 | 7 | 0.5 |
|  | n66 | 0.5 |
|  | n78 | 0.5 |
| DC\_7-66\_n71 DC\_7-66-66\_n71 | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n71 | 0.1 |
| DC\_7-71\_n66 | 7 | 0.5 |
| 71 | 0.1 |
| n66 | 0.5 |
| DC\_7-71\_n78 | 7 | 0.2 |
| 71 | 0.5 |
| n78 | 0.5 |
| DC\_7\_SUL\_n78-n80 | 7 | 0.2 |
|  | n78 | 0.5 |
| DC\_8\_n3-n77 | 8 | 0.2 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_8\_n1-n78 | 8 | 0.2 |
|  | n78 | 0.5 |
| DC\_8\_n3-n28 | 8 | 0.2 |
|  | n28 | 0.1 |
| DC\_8-11\_n3 | 11 | 0.3 |
|  | n3 | 0.5 |
| DC\_8-11\_n28 | 8 | 0.2 |
|  | n28 | 0.2 |
| DC\_8-11\_n77 | 8 | 0.2 |
|  | n77 | 0.5 |
| DC\_8-11\_n78 | 8 | 0.2 |
|  | n78 | 0.2 |
| DC\_8-20\_n78 | 8 | 0.2 |
|  | n78 | 0.5 |
| DC\_8-40\_n1 | 8 | 0.2 |
|  | 40 | 0.5 |
| DC\_8-40-n78 | 8 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_8-42\_n3 | 8 | 0.2 |
|  | 42 | 0.5 |
|  | n3 | 0.2 |
| DC\_8-42\_n28 | 8 | 0.2 |
|  | 42 | 0.5 |
|  | n28 | 0.5 |
| DC\_8-42\_n77 | 8 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_8\_SUL\_n78-n80 | 8 | 0.2 |
|  | n78 | 0.5 |
| DC\_8\_n28-n77 | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_8A-SUL\_n78-n81 | 8 | 0.2 |
|  | n78 | 0.2 |
| DC\_11\_n3-n28 | 11 | 0.3 |
|  | n3 | 0.5 |
|  | n28 | 0.2 |
| DC\_11\_n3-n77 | 11 | 0.3 |
|  | n3 | 0.5 |
|  | n77 | 0.5 |
| DC\_11-18\_n77 | n77 | 0.5 |
| DC\_11-18\_n78 | n78 | 0.5 |
| DC\_11\_n28-n77 | 11 | 0.0 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_12\_(n)5 | 5 | 0.5 |
|  | 12 | 0.3 |
|  | n5 | 0.5 |
| DC\_12\_n7-n66 | 12 | 0.5 |
|  | n7 | 0.5 |
|  | n66 | 0.5 |
| DC\_12\_n7-n78 | 12 | 0.2 |
|  | n7 | 0.5 |
|  | n78 | 0.5 |
| DC\_12-30\_n2 | 30 | 0.5 |
|  | n2 | 0.4 |
| DC\_12-30\_n66 | 12 | 0.5 |
|  | 30 | 0.5 |
|  | n66 | 0.4 |
| DC\_12-48\_n5 | 12 | 0.3 |
|  | n5 | 0.5 |
| DC\_12-66\_n2 | 12 | 0.5 |
|  | 66 | 0.3 |
|  | n2 | 0.3 |
| DC\_12-66\_n5 | 12 | 0.5 |
|  | 66 | 0.5 |
| DC\_12-66\_n25 | 12 | 0.5 |
|  | 66 | 0.3 |
|  | n25 | 0.3 |
| DC\_12-66\_n41 | 12 | 0.5 |
| 66 | 0.5 |
| n41 | 0.51 |
| 12 |
| DC\_12-66\_n78 | 12 | 0.2 |
| 66 | 0.2 |
| n78 | 0.5 |
| DC\_13\_n2-n77 | n2 | 0.2 |
|  | n77 | 0.5 |
| DC\_13\_n5-n48 | 13 | 0.3 |
|  | n5 | 0.5 |
| DC\_13-48\_n2 | 48 | 0.5 |
|  | n2 | 0.2 |
| DC\_13-48\_n66  DC\_13\_n48-n66 | 48/n48 | 0.5 |
|  | n66 | 0.2 |
| DC\_13-66\_n2  DC\_13-66-66\_n2 | 66 | 0.3 |
|  | n2 | 0.3 |
| DC\_13-66\_n48  DC\_13-66-66\_n48 | 66 | 0.2 |
|  | n48 | 0.5 |
| DC\_13-66\_n77 | 13 | 0.3 |
|  | 66 | 0.3 |
|  | n77 | 0.5 |
| DC\_13\_n66-n77 | n66 | 0.2 |
|  | n77 | 0.5 |
| DC\_18\_n3-n77 | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_14-66\_n2 DC\_14-66-66\_n2 | 66 | 0.3 |
|  | n2 | 0.3 |
| DC\_18\_n3-n78 | 18 | 0 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_18-28\_n77  DC\_18\_n28-n77 | n77 | 0.5 |
| DC\_18-28\_n78  DC\_18\_n28-n78 | n78 | 0.5 |
| DC\_18-41\_n3 | 41 | 01/0.52 |
| DC\_18-41\_n77  DC\_18\_n41-n77 | n77 | 0.5 |
| DC\_18-41\_n78  DC\_18\_n41-n78 | n78 | 0.5 |
| DC\_18-42\_n77 | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_18-42\_n78 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_18-42\_n79 | 42 | 0.5 |
| DC\_19\_n1-n77 | n77 | 0.5 |
| DC\_19\_n1-n78 | n78 | 0.5 |
| DC\_19\_n1-n79 | 19 | 0.3 |
|  | n1 | 0.3 |
| DC\_19-21\_n77 | n77 | 0.5 |
| DC\_19-21\_n78 | n78 | 0.5 |
| DC\_19-42\_n1 | 42 | 0.5 |
| DC\_19-42\_n77 | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_19-42\_n78 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_19-42\_n79 | 42 | 0.5 |
| DC\_19\_n77-n79 | n77 | 0.5 |
| DC\_19\_n78-n79 | n78 | 0.5 |
| DC\_20\_n1-n28 | n1 | 0.2 |
|  | n28 | 0.2 |
| DC\_20\_n1-n78 | n78 | 0.5 |
| DC\_20\_n3-n78 | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_20\_n7-n28 | 20 | 0.2 |
|  | n28 | 0.2 |
| DC\_20-28\_n3 | 2 | 0.3 |
|  | 28 | 0.2 |
|  | n3 | 0.3 |
| DC\_20\_n28-n75 | n28 | 0.2 |
| DC\_20\_n28-n78 | 20 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_20-32\_n28 | n28 | 0.2 |
| DC\_20-32\_n78 | n78 | 0.5 |
| DC\_20-38\_n78 | 38 | 0.4 |
|  | n78 | 0.5 |
| DC\_20-40-n78 | 20 | 0.2 |
| 40 | 0.45 |
| n78 | 0.55 |
| DC\_20\_n41-n78 | n78 | 0.5 |
| DC\_20-(n)41 | 20 | 0.3 |
|  | 41 | 0.3 |
|  | n41 | 0.3 |
| DC\_20\_n75-n78 | n78 | 0.5 |
| DC\_20\_n76-n78 | n78 | 0.5 |
| DC\_20\_SUL\_n78-n80 | n78 | 0.5 |
| DC\_20-SUL\_n78-n82 | n78 | 0.5 |
| DC\_20-SUL\_n78-n83 | 20 | 0.2 |
|  | n78 | 0.5 |
| DC\_20\_n78-n92 | n78 | 0.5 |
| DC\_21\_n1-n77 | n77 | 0.5 |
| DC\_21\_n1-n78 | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_21-42\_n1 | 42 | 0.5 |
| DC\_21-42\_n77 | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_21-42\_n78 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_21-42\_n79 | 42 | 0.5 |
| DC\_21\_n77-n79 | n77 | 0.5 |
| DC\_21\_n78-n79 | n78 | 0.5 |
| DC\_25-41\_n41  DC\_25\_(n)41  DC\_25-25-41\_n41  DC\_25-25\_(n)41 | 41 | 01 |
|  |  | 0.52 |
|  | n41 | 01 |
|  |  | 0.52 |
| DC\_25-66\_n77  DC\_25-25-66\_n77 | 25 | 0.2 |
| 66 | 0.2 |
| n77 | 0.5 |
| DC\_25-66\_n78  DC\_25-25-66\_n78 | 25 | 0.2 |
| 66 | 0.2 |
| n78 | 0.5 |
| DC\_28-SUL\_n78-n83 | 28 | 0.2 |
|  | n78 | 0.5 |
| DC\_28\_n1-n40 | 28 | 0.2 |
| DC\_28\_n1-n78 | 28 | 0.2 |
|  | n78 | 0.5 |
| DC\_28\_n3-n77 | 28 | 0.2 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_28\_n3-n78 | 28 | 0 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_28\_n7-n78 | n78 | 0.5 |
| DC\_28\_n40-n78 | 28 | 0.2 |
|  | n40 | 0.45 |
|  | n78 | 0.55 |
| DC\_28-41\_n77 | 28 | 0.2 |
|  | n77 | 0.5 |
| DC\_28-41\_n78 | 28 | 0.2 |
|  | n78 | 0.5 |
| DC\_28-41\_n79 | n79 | 0.5 |
| DC\_28-42\_n77 | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_28-42\_n78 | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_28-42\_n79 | 28 | 0.2 |
|  | 42 | 0.5 |
| DC\_28-66\_n7 | 28 | 0.2 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_28-66\_n66 | 28 | 0.2 |
| DC\_29-66\_n2  DC\_29-66-66\_n2 | 66 | 0.3 |
|  | n2 | 0.3 |
| DC\_29-66-n78 | 66 | 0.2 |
| n78 | 0.5 |
| DC\_30-66\_n2 | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n2 | 0.4 |
| DC\_30-66\_n5  DC\_30-66-66\_n5  DC\_30-66-66-66\_n5 | 66 | 0.4 |
|  | n5 | 0.5 |
| DC\_39\_n40-n79 | 39 | 0.3 |
|  | n40 | 0.3 |
|  | n79 | 0.5 |
| DC\_39\_n41-n79 | 39 | 0.2 |
|  | n41 | 0.2 |
|  | n79 | 0.5 |
| DC\_41\_n3-n41 | 41 | 03/0.54 |
|  | n41 | 03/0.54 |
| DC\_41\_n3-n77 | 41 | 03/0.54 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_41\_n3-n78 | 41 | 03/0.54 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_41\_n28-n41 | 41 | 03/0.54 |
|  | n41 | 03/0.54 |
| DC\_41\_n28-n77 | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_41\_n28-n78 | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_41\_n41-n77 | n77 | 0.5 |
| DC\_41\_n41-n78 | n78 | 0.5 |
| DC\_(n)41-n78 | n78 | 0.5 |
| DC\_41-42\_n77 | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_41-42\_n78 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_41-42\_n79 | 42 | 0.5 |
| DC\_42\_n1-n77 | 42 | 0.5 |
|  | n1 | 0.2 |
|  | n77 | 0.5 |
| DC\_42\_n1-n78 | 42 | 0.5 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_42\_n1-n79 | 42 | 0.5 |
| DC\_42\_n3-n28 | 42 | 0.5 |
|  | n3 | 0.2 |
|  | n28 | 0.5 |
| DC\_42\_n3-n77 | 42 | 0.5 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_42\_n28-n77 | 42 | 0.2 |
|  | n28 | 0.5 |
|  | n77 | 0.5 |
| DC\_48\_n25-n48 | 48 | 0.4 |
|  | n25 | 0.3 |
|  | n48 | 0.4 |
| DC\_48\_n48-n66 | 48 | 0.4 |
|  | n48 |  |
|  | n66 | 0.3 |
| DC\_46-66\_n41 | 66 | 0.5 |
|  | n41 | 0.51 |
|  |  | 12 |
| DC\_48-66\_n5 | 48 | 0.5 |
|  | 66 | 0.2 |
| DC\_48-66\_n12 | 48 | 0.5 |
|  | 66 | 0.2 |
| DC\_48-66\_n25 | 48 | 0.5 |
|  | 66 | 0.2 |
|  | n25 | 0.2 |
| DC\_48-66\_n48 | 66 | 0.2 |
|  | 48 | 0.5 |
|  | n48 | 0.5 |
| DC\_48-66\_n71 | 48 | 0.5 |
|  | 66 | 0.2 |
| DC\_66\_n2-n77 | 66 | 0.3 |
|  | n2 | 0.3 |
|  | n77 | 0.5 |
| DC\_66\_n5-n48 | 66 | 0.2 |
|  | n48 | 0.5 |
| DC\_66\_n5-n77 | 66 | 0.2 |
|  | n77 | 0.5 |
| DC\_66\_n7-n78 | 66 | 0.2 |
|  | n7 | 0.5 |
|  | n78 | 0.5 |
| DC\_66\_n25-n41 | 66 | 0.5 |
|  | n25 | 0.5 |
|  | n41 | 0.51 |
|  |  | 12 |
| DC\_66\_n25-n48 | 66 | 0.3 |
|  | n25 | 0.3 |
|  | n48 | 0.4 |
| DC\_66\_n25-n71 | 66 | 0.3 |
|  | n25 | 0.5 |
| DC\_66\_n38-n66 | 66 | 0.5 |
|  | n38 | 0.5 |
|  | n66 | 0.5 |
| DC\_66\_n38-n78 | 66 | 0.5 |
|  | n38 | 0.5 |
|  | n78 | 0.5 |
| DC\_66\_n41-n71 | 66 | 0.5 |
|  | n41 | 0.51 |
|  |  | 12 |
|  | n71 | 0.5 |
| DC\_66\_n66-n77 | 66 | 0.2 |
|  | n66 | 0.2 |
|  | n77 | 0.5 |
| DC\_66\_n66-n78 | 66 | 0.2 |
|  | n66 | 0.2 |
|  | n78 | 0.5 |
| DC\_66-71\_n38 | 66 | 0.5 |
|  | 71 | 0.5 |
|  | n38 | 0.5 |
| DC\_66-71\_n41 | 66 | 0.5 |
| 71 | 0.5 |
| n41 | 0.51 |
| 12 |
| DC\_66-71\_n78 | 66 | 0.2 |
|  | 71 | 0.2 |
|  | n78 | 0.5 |
| DC\_66-SUL\_n78-n86 | 66 | 0.2 |
|  | n78 | 0.5 |
| NOTE 1: The requirement is applied for UE transmitting on the frequency range of 2545 – 2690 MHz.  NOTE 2: The requirement is applied for UE transmitting on the frequency range of 2496 – 2545 MHz.  NOTE 3: The requirement is applied for UE transmitting on the frequency range of 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.  NOTE 6: This band is subject to IMD3 also which MSD is not specified. | | |

###### *------------------------------ End of modified section ------------------------------*