**3GPP TSG-RAN4 Meeting #100-e *R4-2112738***

**Electronic Meeting, 16 – 27 August 2021**

|  |  |  |  |  |  |  |  |  |
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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-3** | **CR** | **0620** | **rev** | **-** | **Current version:** | **17.2.0** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **x** | Radio Access Network |  | Core Network |  |

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|  | | | | | | | | | | |
| ***Title:*** | Introduction CR on new NR DC LTE(xDL/1UL, x=1,2,3,4)+ NR(2DL/1UL) band combinations in Rel-17 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | LG Electronics | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | DC\_R17\_xBLTE\_2BNR\_yDL2UL-Core | | | | |  | ***Date:*** | | | 2021-08-23 |
|  |  | | | |  | |  | | |  |
| ***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:*** | | Completed NR DC on LTE x bands (xDL/1UL, x=1,2,3,4) and NR 2 bands (2DL/1UL) band combinations in RAN4 #100e are added in TS 38.101-3 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | This CR is implemented with the current version of TS 38.101-3 and all changes have been added in big CR.  LTE(1DL/1UL) + NR (2DL/1UL) EN-DC combinations within FR1   |  |  | | --- | --- | | DL | UL | | DC\_3C\_n7A-n78A  DC\_3C\_n7B-n78A | DC\_3C\_n78A | | DC\_3C\_n28A-n78A | DC\_3C\_n78A | | DC\_5A\_n66A-n77A | DC\_5A\_ n77A | | DC\_5A\_n5A-n77A | DC\_5A\_ n77A | | DC\_5A\_n2A-n77A | DC\_5A\_ n77A | | DC\_2A\_n2A-n77A | DC\_2A\_ n77A | | DC\_3A-3A\_n8A-n78A | DC\_3A\_n8A  DC\_3A\_n78A | | DC\_7A-7A\_n8A-n78A5 | DC\_7A\_n8A  DC\_7A\_n78A | | DC\_7A\_n66A-n77A  DC\_7A-7A\_n66A-n77A  DC\_7C\_n66A-n77A | DC\_7A\_n66A  DC\_7A\_n77A | | DC\_20A\_n78A | DC\_20A\_n8A | | DC\_3A\_n1A-n38A | DC\_3A\_n1A DC\_3A\_n38A | | DC\_8A\_n1A-n40A | DC\_8A\_n1A  DC\_8A\_n40A | | DC\_8A\_n3A-n79A | DC\_8A\_n3A  DC\_8A\_n79A | | DC\_8A\_n77A-n79A | DC\_8A\_n77A  DC\_8A\_n79A | | DC\_1A\_n3A-n79A | DC\_1A\_n3A  DC\_1A\_n79A | | DC\_12A\_n66A-n78A  DC\_12A\_n66(2A)-n78A  DC\_12A\_n66A-n78(2A)  DC\_12A\_n66(2A)-n78(2A) | DC\_12A\_n66A  DC\_12A\_n78A | | DC\_13A\_n7A-n78A | DC\_13A\_n7A  DC\_13A\_n78A | | DC\_3A\_n1A-n41A | DC\_3A\_n1A DC\_3A\_n41A |   LTE(2DL/1UL) + NR (2DL/1UL) EN-DC combinations within FR1   |  |  | | --- | --- | | DL | UL | | DC\_3A-7A\_n8A-n78A2  DC\_3A-3A-7A\_n8A-n78A2  DC\_3A-7A-7A\_n8A-n78A2  DC\_3A-3A-7A-7A\_n8A-n78A2 | DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A | | DC\_1A-7A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A | | DC\_1A-20A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A | | DC\_3A-20A\_n8A-n78A | DC\_3A\_n8A  DC\_3A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A | | DC\_7A-20A\_n8A-n78A | DC\_7A\_n8A  DC\_7A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A | | DC\_7A-8A\_n1A-n40A | DC\_7A\_n1A  DC\_8A\_n1A  DC\_7A\_n40A  DC\_8A\_n40A | | DC\_1A-3A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_3A\_n8A  DC\_3A\_n78A | | DC\_3A-8A\_n1A-n40A | DC\_3A\_n1A  DC\_8A\_n1A  DC\_3A\_n40A  DC\_8A\_n40A |   LTE(3DL/1UL) + NR (2DL/1UL) EN-DC combinations within FR1   |  |  | | --- | --- | | DL | UL | | DC\_1A-3A-7A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A | | DC\_1A-3A-20A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_3A\_n8A  DC\_3A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A | | DC\_1A-7A-20A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A | | DC\_3A-7A-20A\_n8A-n78A | DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A |   LTE(4DL/1UL) + NR (2DL/1UL) EN-DC combinations within FR1   |  |  | | --- | --- | | DL | UL | | DC\_1A-3A-7A-20A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A |   LTE(1DL/1UL) + NR (2DL/1UL) EN-DC combinations within FR1 and FR2   |  |  | | --- | --- | | DL | UL | | ;DC\_8A\_n77A-n257D  DC\_8A\_n77A-n257G  DC\_8A\_n77A-n257H  DC\_8A\_n77A-n257I | DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I | | DC\_8A\_n77(2A)-n257D  DC\_8A\_n77(2A)-n257G  DC\_8A\_n77(2A)-n257H  DC\_8A\_n77(2A)-n257I | DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I | | DC\_11A\_n77A-n257D  DC\_11A\_n77A-n257G  DC\_11A\_n77A-n257H  DC\_11A\_n77A-n257I | DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I | | DC\_11A\_n77(2A)-n257D  DC\_11A\_n77(2A)-n257G  DC\_11A\_n77(2A)-n257H  DC\_11A\_n77(2A)-n257I | DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I |   LTE(2DL/1UL) + NR (2DL/1UL) EN-DC combinations within FR1 and FR2   |  |  | | --- | --- | | DL | UL | | DC\_1A-3A\_n78A-n258A  DC\_1A-3A\_n78A-n258D  DC\_1A-3A\_n78A-n258E  DC\_1A-3A\_n78A-n258F  DC\_1A-3A\_n78A-n258G  DC\_1A-3A\_n78A-n258H  DC\_1A-3A\_n78A-n258I  DC\_1A-3A\_n78A-n258J  DC\_1A-3A\_n78A-n258K  DC\_1A-3A\_n78A-n258L  DC\_1A-3A\_n78A-n258M | DC\_1A\_n78A  DC\_1A\_n258A  DC\_1A\_n258D  DC\_1A\_n258E  DC\_1A\_n258F  DC\_1A\_n258G  DC\_1A\_n258H  DC\_1A\_n258I  DC\_3A\_n78A  DC\_3A\_n258A  DC\_3A\_n258D  DC\_3A\_n258E  DC\_3A\_n258F  DC\_3A\_n258G  DC\_3A\_n258H  DC\_3A\_n258I | | DC\_1A-7A\_n78A-n258A  DC\_1A-7A\_n78A-n258D  DC\_1A-7A\_n78A-n258E  DC\_1A-7A\_n78A-n258F  DC\_1A-7A\_n78A-n258G  DC\_1A-7A\_n78A-n258H  DC\_1A-7A\_n78A-n258I  DC\_1A-7A\_n78A-n258J  DC\_1A-7A\_n78A-n258K  DC\_1A-7A\_n78A-n258L  DC\_1A-7A\_n78A-n258M | DC\_1A\_n78A  DC\_1A\_n258A  DC\_1A\_n258D  DC\_1A\_n258E  DC\_1A\_n258F  DC\_1A\_n258G  DC\_1A\_n258H  DC\_1A\_n258I  DC\_7A\_n78A  DC\_7A\_n258A  DC\_7A\_n258D  DC\_7A\_n258E  DC\_7A\_n258F  DC\_7A\_n258G  DC\_7A\_n258H  DC\_7A\_n258I | | DC\_1A-8A\_n77A-n257D  DC\_1A-8A\_n77A-n257G  DC\_1A-8A\_n77A-n257H  DC\_1A-8A\_n77A-n257I | DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I | | DC\_1A-8A\_n77(2A)-n257D  DC\_1A-8A\_n77(2A)-n257G  DC\_1A-8A\_n77(2A)-n257H  DC\_1A-8A\_n77(2A)-n257I | DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I | | DC\_1A-11A\_n77A-n257D  DC\_1A-11A\_n77A-n257G  DC\_1A-11A\_n77A-n257H  DC\_1A-11A\_n77A-n257I | DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I | | DC\_1A-11A\_n77(2A)-n257D  DC\_1A-11A\_n77(2A)-n257G  DC\_1A-11A\_n77(2A)-n257H  DC\_1A-11A\_n77(2A)-n257I | DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I | | DC\_3A-7A\_n78A-n258A  DC\_3A-7A\_n78A-n258D  DC\_3A-7A\_n78A-n258E  DC\_3A-7A\_n78A-n258F  DC\_3A-7A\_n78A-n258G  DC\_3A-7A\_n78A-n258H  DC\_3A-7A\_n78A-n258I  DC\_3A-7A\_n78A-n258J  DC\_3A-7A\_n78A-n258K  DC\_3A-7A\_n78A-n258L  DC\_3A-7A\_n78A-n258M | DC\_3A\_n78A  DC\_3A\_n258A  DC\_3A\_n258D  DC\_3A\_n258E  DC\_3A\_n258F  DC\_3A\_n258G  DC\_3A\_n258H  DC\_3A\_n258I  DC\_7A\_n78A  DC\_7A\_n258A  DC\_7A\_n258D  DC\_7A\_n258E  DC\_7A\_n258F  DC\_7A\_n258G  DC\_7A\_n258H  DC\_7A\_n258I | | DC\_8A-11A\_n77A-n257D  DC\_8A-11A\_n77A-n257G  DC\_8A-11A\_n77A-n257H  DC\_8A-11A\_n77A-n257I | DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I  DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I | | DC\_8A-11A\_n77(2A)-n257D  DC\_8A-11A\_n77(2A)-n257G  DC\_8A-11A\_n77(2A)-n257H  DC\_8A-11A\_n77(2A)-n257I | DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I  DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I |   LTE(3DL/1UL) + NR (2DL/1UL) EN-DC combinations within FR1 and FR2   |  |  | | --- | --- | | DL | UL | | DC\_1A-3A-7A\_n78A-n258A  DC\_1A-3A-7A\_n78A-n258D  DC\_1A-3A-7A\_n78A-n258E  DC\_1A-3A-7A\_n78A-n258F  DC\_1A-3A-7A\_n78A-n258G  DC\_1A-3A-7A\_n78A-n258H  DC\_1A-3A-7A\_n78A-n258I  DC\_1A-3A-7A\_n78A-n258J  DC\_1A-3A-7A\_n78A-n258K  DC\_1A-3A-7A\_n78A-n258L  DC\_1A-3A-7A\_n78A-n258M | DC\_1A\_n78A  DC\_1A\_n258A  DC\_1A\_n258D  DC\_1A\_n258E  DC\_1A\_n258F  DC\_1A\_n258G  DC\_1A\_n258H  DC\_1A\_n258I  DC\_3A\_n78A  DC\_3A\_n258A  DC\_3A\_n258D  DC\_3A\_n258E  DC\_3A\_n258F  DC\_3A\_n258G  DC\_3A\_n258H  DC\_3A\_n258I  DC\_7A\_n78A  DC\_7A\_n258A  DC\_7A\_n258D  DC\_7A\_n258E  DC\_7A\_n258F  DC\_7A\_n258G  DC\_7A\_n258H  DC\_7A\_n258I | | DC\_1A-8A-11A\_n77A-n257D  DC\_1A-8A-11A\_n77A-n257G  DC\_1A-8A-11A\_n77A-n257H  DC\_1A-8A-11A\_n77A-n257I | DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I  DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I | | DC\_1A-8A-11A\_n77(2A)-n257D  DC\_1A-8A-11A\_n77(2A)-n257G  DC\_1A-8A-11A\_n77(2A)-n257H  DC\_1A-8A-11A\_n77(2A)-n257I | DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I  DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I | | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Corrections 38.101-3 are not made and new configurations are not included in Rel-17. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5B.4.2, 5.5B.4.3, 5.5B.4.4, 5.5B.4.5, 5.5B.6.2, 5.5B.6.3, 5.5B.6.4  6.2B.4.2.3.2, 6.2B.4.2.3.3, 6.2B.4.2.3.4, 6.2B.4.2.3.5  7.3B.2.3.5.2, 7.3B.3.3.2, 7.3B.3.3.3, 7.3B.3.3.4, 7.3B.3.3.5 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **x** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **x** |  | Test specifications | | | | TS 38.521-3 | | |
| ***(show related CRs)*** | |  | **x** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | No | | | | | | | | |

## ***<<Start of Change>>***

#### 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\_n41A5  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)5  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-n78A5 | DC\_1A\_n3A  DC\_1A\_n78A |
| DC\_1A\_n3A-n79A | DC\_1A\_n3A  DC\_1A\_n79A |
| 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-n78A5 | 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\_n77A5 | DC\_1A\_n77A  DC\_8A\_n77A |
| DC\_1A-8A\_n77(2A)5 | 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-n78A5 | DC\_1A\_n8A  DC\_1A\_n78A |
| DC\_1A-8A\_n79A5 | 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\_n41A | DC\_1A\_n41A  DC\_11A\_n41A |
| DC\_1A-11A\_n77A5 | DC\_1A\_n77A  DC\_11A\_n77A |
| DC\_1A-11A\_n77(2A)5 | DC\_1A\_n77A  DC\_11A\_n77A |
| DC\_1A-11A\_n78A5 | 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-19A\_n77(2A)5 | DC\_1A\_n77A  DC\_19A\_n77A |
| DC\_1A-19A\_n78A5  DC\_1A-19A\_n78C5  DC\_1A-19A\_n78(2A)5 | 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\_n28A13 | DC\_1A\_n28A  DC\_21A\_n28A |
| DC\_1A-21A\_n77A5  DC\_1A-21A\_n77C5  DC\_1A-21A\_n77(2A)5 | DC\_1A\_n77A  DC\_21A\_n77A |
| DC\_1A-21A\_n78A5  DC\_1A-21A\_n78C5  DC\_1A-21A\_n78(2A)5 | 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\_n79A5  DC\_1A-28A\_n79C5 | DC\_1A\_n79A  DC\_28A\_n79A |
| DC\_1A\_n28A-n79A | DC\_1A\_n28A  DC\_1A\_n79A |
| DC\_1A-32A\_n3A | DC\_1A\_n3A |
| DC\_1A-32A\_n28A | DC\_1A\_n28A |
| DC\_1A-32A\_n78A  DC\_1A-32A\_n78C  DC\_1A-32A\_n78(2A) | DC\_1A\_n78A |
| DC\_1A-38A\_n28A | DC\_1A\_n28A  DC\_38A\_n28A |
| 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\_n3A5  DC\_1A-41C\_n3A5 | DC\_1A\_n3A  DC\_41A\_n3A  DC\_41C\_n3A |
| DC\_1A-41A\_n28A5  DC\_1A-41C\_n28A5 | 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\_n79A5  DC\_1A-41C\_n79A5 | 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\_n28A5 | DC\_1A\_n28A  DC\_42A\_n28A |
| DC\_1A-42C\_n28A5 | 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\_n2A-n38A | DC\_2A\_n38A |
| DC\_2A\_n2A-n41A | DC\_2A\_n41A |
| DC\_2A\_n2A-n66A | DC\_2A\_n66A |
| DC\_2A\_n2A-n71A | DC\_2A\_n71A |
| DC\_2A\_n2A-n77A | DC\_2A\_ n77A |
| DC\_2A\_n2A-n78A | DC\_2A\_n78A |
| 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-(n)5AA | DC\_2A\_n5A  DC\_(n)5AA2 |
| 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\_n77A14 | DC\_2A\_n77A14  DC\_5A\_n77A14 |
| DC\_2A-5A\_n78A  DC\_2A-5A\_n78(2A) | DC\_2A\_n78A  DC\_5A\_n78A |
| 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-n77A14  DC\_2A-2A-5A\_n77A | DC\_2A\_n5A  DC\_2A\_n77A14 |
| 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-2A-7A-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-12A\_n7A  DC\_2A-12A\_n7(2A) | DC\_2A\_n7A  DC\_12A\_n7A |
| 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-12A\_n78(2A) | DC\_2A\_n78A  DC\_12A\_n78A |
| DC\_2A-13A\_n5A | DC\_2A\_n5A |
| DC\_2A-2A-13A\_n5A | DC\_2A\_n5A |
| DC\_2A-13A\_n25A15, 16 | DC\_13A\_n25A |
| 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\_n77A14  DC\_2A-2A-13A\_n77A | DC\_2A\_n77A14  DC\_13A\_n77A14 |
| 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-30A\_n2A | DC\_2A\_n2A2  DC\_30A\_n2A |
| 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-n71A | DC\_2A\_n38A  DC\_2A\_n71A |
| 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\_n5A3  DC\_2A-46C\_n5A3  DC\_2A-46D\_n5A3  DC\_2A-46E\_n5A3 | DC\_2A\_n5A |
| 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-46E\_n66A | DC\_2A\_n66A |
| DC\_2A-46A\_n71A  DC\_2A-46C\_n71A  DC\_2A-46D\_n71A | DC\_2A\_n71A |
| DC\_2A-46A\_n77A | DC\_2A\_n77A |
| 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-48A-48A\_n77A  DC\_2A-48A-48A-48A\_n77A | DC\_2A\_n77A  DC\_48A\_n77A |
| DC\_2A-66A\_n2A | DC\_2A\_n2A2  DC\_66A\_n2A |
| 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 |
| DC\_2A-66A\_n25A15 16 | DC\_66A\_n25A |
| 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\_n41A14  DC\_2A-66A\_n41C  DC\_2C-66A\_n41A | DC\_2A\_n41A  DC\_66A\_n41A14 |
| 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\_n77A14  DC\_2A-2A-66A\_n77A  DC\_2A-66A-66A\_n77A  DC\_2A-2A-66A-66A\_n77A | DC\_2A\_n77A14  DC\_66A\_n77A14 |
| 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\_n71A-n78A | DC\_2A\_n71A  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-n8A  DC\_3A-3A\_n1A-n8A | DC\_3A\_n1A  DC\_3A\_n8A |
| 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-n38A | DC\_3A\_n1A DC\_3A\_n38A |
| DC\_3A\_n1A-n40A | DC\_3A\_n1A  DC\_3A\_n40A |
| DC\_3A\_n1A-n41A | DC\_3A\_n1A DC\_3A\_n41A |
| DC\_3A\_n1A-n77A5 | DC\_3A\_n1A  DC\_3A\_n77A |
| DC\_3A\_n1A-n78A5  DC\_3C\_n1A-n78A5 | DC\_3A\_n1A  DC\_3C\_n1A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_3A-3A\_n1A-n78A5 | DC\_3A\_n1A  DC\_3A\_n78A |
| DC\_3A\_n1A-n79A5 | DC\_3A\_n1A  DC\_3A\_n79A |
| DC\_3A\_n3A-n41A | DC\_3A\_n41A  DC\_3A\_n3A2 |
| DC\_3A\_n3A-n77A5 | DC\_3A\_n77A  DC\_3A\_n3A2 |
| DC\_3A\_n3A-n78A5 | 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-n78A5  DC\_3C\_n5A-n78A5 | DC\_3A\_n5A  DC\_3A\_n78A  DC\_3C\_n5A  DC\_3C\_n78A |
| DC\_3A-5A\_n79A5 | 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\_n3A  DC\_3A-7C\_n3A | DC\_3A\_n3A2  DC\_7A\_n3A |
| 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-3A-7A\_n8A  DC\_3A-7A-7A\_n8A  DC\_3A-3A-7A-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\_n77A5 | DC\_3A\_n77A  DC\_7A\_n77A |
| DC\_3A-3A-7A\_n77A5  DC\_3A-7A-7A\_n77A5  DC\_3A-3A-7A-7A\_n77A5 | 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\_n78A5  DC\_3A-7A-7A\_n78A5  DC\_3A-3A-7A-7A\_n78A5  DC\_3A-7A-7A\_n78C5 | DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_3A\_n7A-n78A5  DC\_3A\_n7B-n78A5  DC\_3C\_n7A-n78A5  DC\_3C\_n7B-n78A5 | DC\_3A\_n7A  DC\_3C\_n7A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_3A-3A\_n7A-n78A5  DC\_3A-3A\_n7B-n78A5 | 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-3A\_n8A-n78A5 | DC\_3A\_n8A  DC\_3A\_n78A |
| DC\_3A-8A\_n28A | DC\_3A\_n28A  DC\_8A\_n28A |
| DC\_3A-8A\_n40A | DC\_3A\_n40A DC\_8A\_n40A |
| DC\_3A-8A\_n77A5  DC\_3C-8A\_n77A | DC\_3A\_n77A  DC\_3C\_n77ADC\_8A\_n77A |
| DC\_3A-8A\_n77(2A) 5  DC\_3C-8A\_n77(2A) | DC\_3A\_n77A  DC\_3C\_n77A  DC\_8A\_n77A |
| DC\_3A-8A\_n78A5  DC\_3A-8A\_n78(2A)  DC\_3C-8A\_n78A5 | DC\_3A\_n78A  DC\_8A\_n78A |
| DC\_3A-3A-8A\_n78A5 | DC\_3A\_n78A  DC\_8A\_n78A |
| DC\_3A-8A\_n79A5 | DC\_3A\_n79A  DC\_8A\_n79A |
| DC\_3A\_n8A-n78A5 | 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-19A\_n77(2A)5 | DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_3A-19A\_n78A5  DC\_3A-19A\_n78C5  DC\_3A-19A\_n78(2A)5 | DC\_3A\_n78A  DC\_19A\_n78A |
| DC\_3A-19A\_n79A5  DC\_3A-19A\_n79C5 | DC\_3A\_n79A  DC\_19A\_n79A |
| DC\_3A-20A\_n1A  DC\_3C-20A\_n1A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_20A\_n1A |
| DC\_3A-20A\_n7A  DC\_3C-20A\_n7A | DC\_3A\_n7A  DC\_3C\_n7A  DC\_20A\_n7A |
| DC\_3A-20A\_n8A | DC\_3A\_n8A  DC\_20A\_n8A |
| DC\_3A-20A\_n28A5,6  DC\_3C-20A\_n28A | DC\_3A\_n28A  DC\_3C\_n28A  DC\_20A\_n28A |
| DC\_3A-20A\_n41A | DC\_3A\_n41A  DC\_20A\_n41A |
| DC\_3C-20A\_n41A | DC\_3C\_n41A  DC\_20A\_n41A |
| DC\_3A-20A\_n38A | DC\_3A\_n38A  DC\_20A\_n38A |
| DC\_3A-20A\_n78A5  DC\_3C-20A\_n78A5 | DC\_3A\_n78A  DC\_3C\_n78A  DC\_20A\_n78A |
| DC\_3A-20A\_n78(2A)5 | DC\_3A\_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-21A\_n77(2A)5 | DC\_3A\_n77A  DC\_21A\_n77A |
| DC\_3A-21A\_n78A5  DC\_3A-21A\_n78C5  DC\_3A-21A\_n78(2A)5 | 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\_n3A | DC\_3A\_n3A2  DC\_28A\_n3A |
| 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\_n41A5 | DC\_3A\_n41A  DC\_28A\_n41A |
| DC\_3A-28A\_n77A5  DC\_3A-28A\_n77C5 | DC\_3A\_n77A  DC\_28A\_n77A |
| DC\_3A-28A\_n77(2A5) | DC\_3A\_n77A  DC\_28A\_n77A |
| DC\_3A\_n28A-n77A5 | DC\_3A\_n28A  DC\_3A\_n77A |
| DC\_3A\_n28A-n77(2A)5 | DC\_3A\_n28A  DC\_3A\_n77A |
| DC\_3A-28A\_n78A5  DC\_3C-28A\_n78A5  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-n78A5 | DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n28A  DC\_3C\_n78A |
| DC\_3A-28A\_n79A5  DC\_3A-28A\_n79C5 | DC\_3A\_n79A  DC\_28A\_n79A |
| DC\_3A\_n28A-n79A | DC\_3A\_n28A  DC\_3A\_n79A |
| DC\_3A-32A\_n1A | DC\_3A\_n1A |
| DC\_3A-32A\_n78A  DC\_3A-32A\_n78C  DC\_3A-32A\_n78(2A) | DC\_3A\_n78A |
| DC\_3A-38A\_n28A  DC\_3C-38A\_n28A | DC\_3A\_n28A  DC\_38A\_n28A |
| 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\_n28A5 | DC\_3A\_n28A  DC\_41A\_n28A |
| DC\_3A-41C\_n28A5 | 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 |
| DC\_3A-42A\_n1A  DC\_3A-42C\_n1A | DC\_3A\_n1A  DC\_42A\_n1A |
| DC\_3A-42A\_n28A5 | DC\_3A\_n28A  DC\_42A\_n28A |
| DC\_3A-42C\_n28A5 | DC\_3A\_n28A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_3A-41A\_n79A5  DC\_3A-41C\_n79A5 | DC\_3A\_n79A  DC\_41A\_n79A |
| DC\_3A\_n41A-n77A | DC\_3A\_n41A  DC\_3A\_n77A |
| DC\_3A\_n41A-n79A5 | 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\_n2A-n77A | DC\_5A\_ n77A |
| DC\_5A\_n5A-n77A | DC\_5A\_ n77A |
| DC\_5A-7A\_n7A | DC\_5A\_n7A DC\_7A\_n7A2 |
| DC\_5A-7A\_n66A  DC\_5A-7C\_n66A  DC\_5A-7A-7A\_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\_n2A | DC\_5A\_n2A  DC\_30A\_n2A |
| DC\_5A-30A\_n66A | DC\_5A\_n66A  DC\_30A\_n66A |
| DC\_5A\_n38A-n66A | DC\_5A\_n38A  DC\_5A\_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\_n77A14 | DC\_5A\_n77A14  DC\_66A\_n77A14 |
| DC\_5A-66A\_n78A  DC\_5A-66A\_n78(2A) | DC\_5A\_n78A  DC\_66A\_n78A |
| DC\_5A\_n66A-n77A | DC\_5A\_ n77A |
| DC\_5A\_n66A-n78A | DC\_5A\_n66A  DC\_5A\_n78A |
| DC\_5A-13A\_n2A | DC\_5A\_n2A  DC\_13A\_n2A |
| DC\_5A-13A\_n66A | DC\_5A\_n66A  DC\_13A\_n66A |
| DC\_7A\_n1A-n8A  DC\_7A-7A\_n1A-n8A | DC\_7A\_n1A  DC\_7A\_n8A |
| DC\_7A\_n1A-n40A | DC\_7A\_n1A  DC\_7A\_n40A |
| DC\_7A\_n1A-n78A5  DC\_7C\_n1A-n78A5 | DC\_7A\_n1A  DC\_7A\_n78A  DC\_7C\_n1A  DC\_7C\_n78A |
| DC\_7A-7A\_n1A-n78A5 | DC\_7A\_n1A  DC\_7A\_n78A |
| DC\_7A\_n2A-n66A | DC\_7A\_n2A  DC\_7A\_n66A |
| DC\_7A\_n2A-n71A | DC\_7A\_n2A  DC\_7A\_n71A |
| DC\_7A\_n2A-n78A | DC\_7A\_n2A  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-n78A5 | 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\_n77A5 | DC\_7A\_n77A  DC\_8A\_n77A |
| DC\_7A-8A\_n78A5  DC\_7A-8A\_n78(2A) | DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_7A-7A-8A\_n78A5 | DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_7A\_n8A-n78A5 | DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_7A-7A\_n8A-n78A5 | 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\_n25A  DC\_7A-7A-13A\_n25A  DC\_7C-13A\_n25A | DC\_7A\_n25A  DC\_13A\_n25A |
| 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\_n25A-n66A | DC\_7A\_n25A DC\_7A\_n66A |
| DC\_7A-7A\_n25A-n66A | DC\_7A\_n25A DC\_7A\_n66A |
| DC\_7C\_n25A-n66A | DC\_7A\_n25A DC\_7A\_n66A |
| 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-29A\_n78A  DC\_7C-29A\_n78A  DC\_7A-7A-29A\_n78A | DC\_7A\_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\_n25A  DC\_7A-7A-66A\_n25A  DC\_7C-66A\_n25A | DC\_7A\_n25A  DC\_66A\_n25A |
| 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\_n66A-n71A | DC\_7A\_n66A  DC\_7A\_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-n77A  DC\_7A-7A\_n66A-n77A  DC\_7C\_n66A-n77A | DC\_7A\_n66A  DC\_7A\_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\_n71A-n78A | DC\_7A\_n71A  DC\_7A\_n78A |
| DC\_7A\_SUL\_n78A-n80A | DC\_7A\_n78A  DC\_7A\_n80A |
| DC\_8A\_n1A-n40A | DC\_8A\_n1A  DC\_8A\_n40A |
| DC\_8A\_n1A-n78A5 | 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\_n3A-n79A | DC\_8A\_n3A  DC\_8A\_n79A |
| DC\_8A-11A\_n3A | DC\_8A\_n3A  DC\_11A\_n3A |
| DC\_8A-11A\_n28A | DC\_8A\_n28A  DC\_11A\_n28A |
| DC\_8A-11A\_n77A5 | DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_8A-11A\_n77(2A)5 | DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_8A-11A\_n78A5 | DC\_8A\_n78A  DC\_11A\_n78A |
| DC\_8A-20A\_n1A | DC\_8A\_n1A  DC\_20A\_n1A |
| DC\_8A-20A\_n3A | DC\_8A\_n3A  DC\_20A\_n3A |
| DC\_8A-20A\_n78A | DC\_8A\_n78A  DC\_20A\_n78A |
| DC\_8A\_n28A-n77A5 | DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_8A\_n28A-n77(2A)5 | DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_8A\_n28A-n78A | DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_8A-32A\_n1A | DC\_8A\_n1A |
| DC\_8A\_n39A-n40A | DC\_8A\_n39A  DC\_8A\_n40A |
| DC\_8A\_n39A-n79A | DC\_8A\_n39A  DC\_8A\_n79A |
| 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-n79A5 | 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\_n28A5 | DC\_8A\_n28A  DC\_42A\_n28A |
| DC\_8A-42C\_n28A5 | 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\_n77A-n79A | DC\_8A\_n77A  DC\_8A\_n79A |
| 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\_n2A-n38A | DC\_12A\_n2A  DC\_12A\_n38A |
| DC\_12A\_n2A-n41A | DC\_12A\_n2A  DC\_12A\_n41A |
| 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\_12A\_n66A-n78A  DC\_12A\_n66(2A)-n78A  DC\_12A\_n66A-n78(2A)  DC\_12A\_n66(2A)-n78(2A) | DC\_12A\_n66A  DC\_12A\_n78A |
| DC\_13A\_n2A-n77A14 | DC\_13A\_n2A  DC\_13A\_n77A14 |
| DC\_13A\_n5A-n48A | DC\_13A\_n48A |
| DC\_13A\_n7A-n78A | DC\_13A\_n7A  DC\_13A\_n78A |
| DC\_13A\_n25A-n66A | DC\_13A\_n25A DC\_13A\_n66A |
| DC\_13A-46A\_n5A | DC\_13A\_n5A |
| DC\_13A-46A\_n66A3 | DC\_13A\_n66A |
| DC\_13A-46A\_n77A | DC\_13A\_n77A |
| 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 |
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| DC\_13A-66A-66A\_n66A | DC\_13A\_n66A |
| DC\_13A-66A\_n77A14  DC\_13A-66A-66A\_n77A | DC\_13A\_n77A14  DC\_66A\_n77A14 |
| DC\_13A\_n66A-n77A14 | DC\_13A\_n66A  DC\_13A\_n77A14 |
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| DC\_13A-48A\_n66A  DC\_13A-48B\_n66A  DC\_13A-48C\_n66A  DC\_13A-48D\_n66A  DC\_13A-48E\_n66A | DC\_13A\_n66A |
| DC\_14A-30A\_n2A | DC\_14A\_n2A  DC\_30A\_n2A |
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| 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\_n3A-n77A | DC\_18A\_n3A  DC\_18A\_n77A |
| DC\_18A\_n3A-n78A | DC\_18A\_n3A  DC\_18A\_n78A |
| 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 |
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| 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 |
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| 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 |
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| DC\_19A-21A\_n78A5  DC\_19A-21A\_n78C5  DC\_19A-21A\_n78(2A)5 | DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_19A-21A\_n79A5  DC\_19A-21A\_n79C5 | DC\_19A\_n79A  DC\_21A\_n79A |
| 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\_n8A-n78A | DC\_20A\_n78A  DC\_20A\_n8A |
| DC\_20A-28A\_n1A | DC\_20A\_n1A  DC\_28A\_n1A |
| 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\_n78C  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\_n1A  DC\_20A-40C\_n1A | DC\_20A\_n1A  DC\_40A\_n1A |
| 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\_n28A-n77A | DC\_21A\_n28A  DC\_21A\_n77A |
| DC\_21A-28A\_n78A  DC\_21A-28A\_n78C | DC\_21A\_n78A  DC\_28A\_n78A |
| DC\_21A\_n28A-n78A | DC\_21A\_n28A  DC\_21A\_n78A |
| DC\_21A-28A\_n79A  DC\_21A-28A\_n79C | DC\_21A\_n79A  DC\_28A\_n79A |
| DC\_21A\_n28A-n79A | DC\_21A\_n28A  DC\_21A\_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-40A\_n78A  DC\_28A-40C\_n78A | DC\_28A\_n78A  DC\_40A\_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\_n79A5  DC\_28A-41C\_n79A5 | 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-n77A5 | DC\_28A\_n3A  DC\_28A\_n77A |
| DC\_28A\_n3A-n78A5 | 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-n78A5 | 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\_n41A |
| 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-30A\_n2A | DC\_30A\_n2A |
| DC\_29A-30A\_n66A | DC\_30A\_n66A |
| DC\_29A-66A\_n2A | DC\_66A\_n2A |
| DC\_29A-66A-66A\_n2A | DC\_66A\_n2A |
| DC\_29A-66A\_n78A | DC\_66A\_n78A |
| DC\_30A-(n)5AA | DC\_30A\_n5A  DC\_(n)5AA2 |
| 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\_30A-66A\_n66A | DC\_30A\_n66A  DC\_66A\_n66A2 |
| 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\_n1A-n78A  DC\_40C\_n1A-n78A | DC\_40A\_n1A  DC\_40A\_n78A |
| 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-48A\_n5A3  DC\_46C-48A\_n5A3  DC\_46D-48A\_n5A3  DC\_46E-48A\_n5A3 | DC\_48A\_n5A |
| DC\_46A-48A\_n66A3  DC\_46C-48A\_n66A3  DC\_46D-48A\_n66A3  DC\_46E-48A\_n66A3 | DC\_48A\_n66A |
| 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\_46A-66A\_n77A | DC\_66A\_n77A |
| 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\_48B-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-n38A | DC\_66A\_n2A  DC\_66A\_n38A |
| DC\_66A\_n2A-n66A | DC\_66A\_n2A |
| DC\_66A\_n2A-n71A | DC\_66A\_n2A  DC\_66A\_n71A |
| DC\_66A\_n2A-n77A14 | DC\_66A\_n2A  DC\_66A\_n77A14 |
| DC\_66A\_n5A-n48A | DC\_66A\_n5A  DC\_66A\_n48A |
| DC\_66A\_n5A-n77A14  DC\_66A-66A\_n5A-n77A14 | DC\_66A\_n5A  DC\_66A\_n77A14 |
| 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\_n25A-n66A | DC\_66A\_n25A DC\_66A\_n66A2 |
| DC\_66A\_n38A-n71A | DC\_66A\_n38A  DC\_66A\_n71A |
| 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\_n66A-n71A | DC\_66A\_n66A  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\_n71A-n78A | DC\_66A\_n71A  DC\_66A\_n78A |
| DC\_66A\_SUL\_n78A-n86A5  DC\_66A\_SUL\_n78(2A)-n86A5 | DC\_66A\_n78A  DC\_66A\_n86A\_ULSUP-TDM\_n78A |
| DC\_71A\_n2A-n41A | DC\_71A\_n2A  DC\_71A\_n41A |
| DC\_71A\_n2A-n66A | DC\_71A\_n2A  DC\_71A\_n66A |
| DC\_71A\_n2A-n78A | DC\_71A\_n2A  DC\_71A\_n78A |
| DC\_71A\_n38A-n66A | DC\_71A\_n38A  DC\_71A\_n66A |
| DC\_71A\_n38A-n78A | DC\_71A\_n38A  DC\_71A\_n78A |
| DC\_71A\_n66A-n78A | DC\_71A\_n66A  DC\_71A\_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.  NOTE 13: 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.  NOTE 14: PC3 or PC2 Uplink EN-DC configuration is applicable to EN-DC configurations.  NOTE 15: For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, the minimum requirements for intra-band contiguous or non-contiguous EN-DC apply for the Band 42 and Band n77/n78 combinations and for the Band 2 and Band n25 combinations.  NOTE 16: For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, the minimum requirements for inter-band EN-DC apply when the maximum power spectral density imbalance between downlink carriers contained in overlapping or partially overlapping DL bands is within 6 dB. | |

#### 5.5B.4.3 Inter-band EN-DC configurations within FR1 (four bands)

Table 5.5B.4.3-1: Inter-band EN-DC configurations within FR1 (four bands)

| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) |
| --- | --- |
| DC\_1A-3A\_n3A-n41A | DC\_1A\_n3A  DC\_1A\_n41A  DC\_3A\_n3A4  DC\_3A\_n41A |
| DC\_1A-3A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_3A\_n3A1  DC\_3A\_n77A |
| DC\_1A-3A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_3A\_n3A1  DC\_3A\_n78A |
| DC\_1A-3A-5A\_n78A2  DC\_1A-3A-5A\_n78C2  DC\_1A-3C-5A\_n78A  DC\_1A-1A-3A-5A\_n78A  DC\_1A-1A-3C-5A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A |
| DC\_1A-3A\_n5A-n78A2  DC\_1A-3C\_n5A-n78A2 | DC\_1A\_n5A  DC\_1A\_n78A  DC\_3A\_n5A  DC\_3A\_n78A  DC\_3C\_n5A  DC\_3C\_n78A |
| DC\_1A-3A-5A\_n79A2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_5A\_n79A |
| DC\_1A-3A-7A\_n3A  DC\_1A-3A-7C\_n3A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_7A\_n3A |
| DC\_1A-3A-7A\_n5A  DC\_1A-3A-7C\_n5A  DC\_1A-3C-7A\_n5A  DC\_1A-3C-7C\_n5A | DC\_1A\_n5A  DC\_3A\_n5A  DC\_3C\_n5A  DC\_7A\_n5A  DC\_7C\_n5A |
| DC\_1A-3A-7A\_n7A  DC\_1A-3C-7A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_7A\_n7A4 |
| DC\_1A-1A-3A-7A\_n7A  DC\_1A-1A-3C-7A\_n7A  DC\_1A-3A-3A-7A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4 |
| DC\_1A-3A-7A\_n8A | DC\_1A\_n8A  DC\_3A\_n8A  DC\_7A\_n8A |
| DC\_1A-3A-7A\_n28A  DC\_1A-3A-7C\_n28A  DC\_1A-3C-7A\_n28A  DC\_1A-3C-7C\_n28A  DC\_1A-1A-3C-7A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_3C\_n28A  DC\_7A\_n28A  DC\_7C\_n28A |
| DC\_1A-3A-7A\_n40A | DC\_1A\_n40A  DC\_3A\_n40A  DC\_7A\_n40A |
| DC\_1A-3A-7A\_n78A2  DC\_1A-3A-7C\_n78A  DC\_1A-3C-7A\_n78A2  DC\_1A-3C-7C\_n78A  DC\_1A-3A-7A\_n78C2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-3A-7A\_n78(2A)  DC\_1A-3C-7A\_n78(2A)  DC\_1A-3A-7C\_n78(2A)  DC\_1A-3C-7C\_n78(2A)  DC\_1A-1A-3A-7A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-3A\_n7A-n78A  DC\_1A-3A\_n7B-n78A | DC\_1A\_n7A  DC\_1A\_n78A  DC\_3A\_n7A  DC\_3A\_n78A |
| DC\_1A-3A\_n7A-n78(2A)  DC\_1A-3C\_n7A-n78(2A) | DC\_1A\_n7A  DC\_1A\_n78A  DC\_3A\_n7A  DC\_3A\_n78A |
| DC\_1A-3C\_n7A-n78A | DC\_1A\_n7A  DC\_1A\_n78A  DC\_3A\_n7A  DC\_3A\_n78A  DC\_3C\_n7A |
| DC\_1A-3A-7A-7A\_n78A2  DC\_1A-1A-3C-7A\_n78A  DC\_1A-3A-7A-7A\_n78C2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-8A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_8A\_n28A |
| DC\_1A-3A-8A\_n77A2  DC\_1A-3C-8A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_3C\_n77A  DC\_8A\_n77A |
| DC\_1A-3A-8A\_n77(2A)2  DC\_1A-3C-8A\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_3C\_n77A  DC\_8A\_n77A |
| DC\_1A\_n3A-n28A-n77A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A |
| DC\_1A\_n3A-n28A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A |
| DC\_1A-3A-8A\_n78A2  DC\_1A-3C-8A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A |
| DC\_1A-3A-8A\_n78(2A)2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A |
| DC\_1A-3A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_3A\_n8A  DC\_3A\_n78A |
| DC\_1A-3A-8A\_n79A2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_8A\_n79A |
| DC\_1A-3A-11A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_11A\_n28A |
| DC\_1A-3A-11A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_11A\_n77A |
| DC\_1A-3A-11A\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_11A\_n77A |
| DC\_1A-3A-18A\_n3A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_18A\_n3A |
| DC\_1A-3A-18A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_18A\_n28A |
| DC\_1A-3A-18A\_n41A | DC\_1A\_n41A  DC\_3A\_n41A  DC\_18A\_n41A |
| DC\_1A-3A-18A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_18A\_n78A |
| DC\_1A-3A-18A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_18A\_n78A |
| DC\_1A-3A-18A\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_18A\_n79A |
| DC\_1A-3A-19A\_n77A2  DC\_1A-3A-19A\_n77C2  DC\_1A-3A-19A\_n77(2A)2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_1A-3A-19A\_n78A2  DC\_1A-3A-19A\_n78C2  DC\_1A-3A-19A\_n78(2A)2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A |
| DC\_1A-3A-19A\_n79A2  DC\_1A-3A-19A\_n79C2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A |
| DC\_1A-3A-20A\_n7A | DC\_1A\_n7A DC\_3A\_n7A DC\_20A\_n7A |
| DC\_1A-3A-20A\_n8A | DC\_1A\_n8A  DC\_3A\_n8A  DC\_20A\_n8A |
| DC\_1A-3A-20A\_n28A3 | DC\_1A\_n28A  DC\_3A\_n28A  DC\_20A\_n28A |
| DC\_1A-3A-20A\_n38A | DC\_3A\_n38A  DC\_20A\_n38A |
| DC\_1A-3A-20A\_n41A  DC\_1A-3C-20A\_n41A | DC\_1A\_n41A  DC\_3A\_n41A  DC\_3C\_n41A  DC\_20A\_n41A |
| DC\_1A-3A-20A\_n78A2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-21A\_n77A2  DC\_1A-3A-21A\_n77C2  DC\_1A-3A-21A\_n77(2A)2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_21A\_n77A |
| DC\_1A-3A-21A\_n78A2  DC\_1A-3A-21A\_n78C2  DC\_1A-3A-21A\_n78(2A)2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_21A\_n78A |
| DC\_1A-3A-21A\_n79A2  DC\_1A-3A-21A\_n79C2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_21A\_n79A |
| DC\_1A-3A-28A\_n3A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_28A\_n3A |
| DC\_1A-3A-28A\_n5A  DC\_1A-3C-28A\_n5A | DC\_1A\_n5A  DC\_3A\_n5A  DC\_3C\_n5A  DC\_28A\_n5A |
| DC\_1A-3A-28A\_n7A  DC\_1A-3C-28A\_n7A  DC\_1A-3A-28A\_n7B  DC\_1A-3C-28A\_n7B | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A |
| DC\_1A-3A-3A-28A\_n7A  DC\_1A-1A-3A-28A\_n7A  DC\_1A-1A-3C-28A\_n7A  DC\_1A-1A-3A-3A-28A\_n7A  DC\_1A-3A-3A-28A\_n7B  DC\_1A-1A-3A-28A\_n7B  DC\_1A-1A-3C-28A\_n7B  DC\_1A-1A-3A-3A-28A\_n7B | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A |
| DC\_1A-3A-28A\_n40A | DC\_1A\_n40A  DC\_3A\_n40A  DC\_28A\_n40A |
| DC\_1A-3A\_n28A-n41A | DC\_1A\_n28A  DC\_1A\_n41A  DC\_3A\_n28A  DC\_3A\_n41A |
| DC\_1A-3A-28A\_n77A2  DC\_1A-3A-28A\_n77C2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_28A\_n77A |
| DC\_1A-3A\_n28A-n77A2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A |
| DC\_1A-3A\_n28A-n77(2A) 2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A |
| DC\_1A-3A-28A\_n78A2  DC\_1A-3C-28A\_n78A2  DC\_1A-3A-28A\_n78C2  DC\_1A-1A-3A-28A\_n78A  DC\_1A-1A-3C-28A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-28A\_n79A2  DC\_1A-3A-28A\_n79C2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_28A\_n79A |
| DC\_1A-3A\_n28A-n79A | DC\_1A\_n28A  DC\_1A\_n79A  DC\_3A\_n28A  DC\_3A\_n79A |
| DC\_1A-3A\_n28A-n78A2  DC\_1A-3C\_n28A-n78A2 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n28A |
| DC\_1A-3A-32A\_n78A  DC\_1A-3A-32A\_n78C  DC\_1A-3A-32A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3A-38A\_n28A  DC\_1A-3C-38A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_38A\_n28A |
| DC\_1A-3A\_n38A-n78A | DC\_3A\_n38A  DC\_3A\_n78A |
| DC\_1A-3A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_3A\_n40A  DC\_3A\_n78A |
| DC\_1A-3A-40A\_n78A  DC\_1A-3A-40A\_n78(2A)  DC\_1A-3A-40C\_n78A  DC\_1A-3A-40C\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-41A\_n3A  DC\_1A-3A-41C\_n3A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_41A\_n3A  DC\_41C\_n3A |
| DC\_1A-3A-41A\_n28A  DC\_1A-3A-41C\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_41A\_n28A  DC\_41C\_n28A |
| DC\_1A-3A-41A\_n41A | DC\_1A\_n41A  DC\_3A\_n41A |
| DC\_1A-3A-(n)41AA | DC\_1A\_n41A  DC\_3A\_n41A |
| DC\_1A-3A-41A\_n77A  DC\_1A-3A-41C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_1A-3A-41A\_n77(2A)  DC\_1A-3A-41C\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_1A-3A\_n41A-n77A | DC\_1A\_n41A  DC\_1A\_n77A  DC\_3A\_n41A  DC\_3A\_n77A |
| DC\_1A-3A-41A\_n78A  DC\_1A-3A-41C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_1A-3A\_n41A-n78A | DC\_1A\_n41A  DC\_1A\_n78A  DC\_3A\_n41A  DC\_3A\_n78A |
| DC\_1A-3A-41A\_n78(2A)  DC\_1A-3A-41C\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_1A-3A-41A\_n79A2  DC\_1A-3A-41C\_n79A2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_41A\_n79A |
| DC\_1A-3A-42A\_n28A  DC\_1A-3A-42C\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-3A-42A\_n77A  DC\_1A-3A-42A\_n77C  DC\_1A-3A-42C\_n77A  DC\_1A-3A-42C\_n77C  DC\_1A-3A-42D\_n77A | DC\_1A\_n77A  DC\_3A\_n77A |
| DC\_1A-3A-42A\_n77(2A)  DC\_1A-3A-42C\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A |
| DC\_1A-3A-42A\_n78A  DC\_1A-3A-42A\_n78C  DC\_1A-3A-42C\_n78A  DC\_1A-3A-42C\_n78C  DC\_1A-3A-42D\_n78A | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3A-42A\_n79A  DC\_1A-3A-42A\_n79C  DC\_1A-3A-42C\_n79A  DC\_1A-3A-42C\_n79C  DC\_1A-3A-42D\_n79A | DC\_1A\_n79A  DC\_3A\_n79A |
| DC\_1A-3A\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A  DC\_3A\_n77A  DC\_3A\_n79A |
| DC\_1A-3A\_n78A-n79A | DC\_1A\_n78A  DC\_1A\_n79A  DC\_3A\_n78A  DC\_3A\_n79A |
| DC\_1A-3A\_SUL\_n78A-n80A | DC\_1A\_n78A  DC\_1A\_n80A  DC\_3A\_n78A  DC\_3A\_n80A\_ULSUP-TDM\_n78A |
| DC\_1A-5A-7A\_n78A  DC\_1A-5A-7A\_n78C | DC\_1A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-5A-7A-7A\_n78A  DC\_1A-5A-7A-7A\_n78C | DC\_1A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-5A-41A\_n79A | DC\_1A\_n79A  DC\_5A\_n79A  DC\_41A\_n79A |
| DC\_1A-7A\_n3A-n78A  DC\_1A-7C\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_7A\_n3A  DC\_7C\_n3A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-7A\_n5A-n78A  DC\_1A-7C\_n5A-n78A | DC\_1A\_n5A  DC\_1A\_n78A  DC\_7A\_n5A  DC\_7A\_n78A  DC\_7C\_n5A  DC\_7C\_n78A |
| DC\_1A-7A-8A\_n3A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_8A\_n3A |
| DC\_1A-7A-8A\_n28A | DC\_1A\_n28A  DC\_7A\_n28A  DC\_8A\_n28A |
| DC\_1A-7A\_n7A-n78A | DC\_1A\_n7A  DC\_7A\_n7A4  DC\_1A\_n78A  DC\_7A\_n78A |
| DC\_1A-7A-8A\_n78A  DC\_1A-7A-8A\_n78(2A) | DC\_1A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_1A-7A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_1A-7A-20A\_n3A  DC\_1A-7C-20A\_n3A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_7C\_n3A  DC\_20A\_n3A |
| DC\_1A-7A-20A\_n8A | DC\_1A\_n8A  DC\_7A\_n8A  DC\_20A\_n8A |
| DC\_1A-7A-20A\_n28A3 | DC\_1A\_n28A  DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_1A-7A-20A\_n78A2 | DC\_1A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-7A-28A\_n3A  DC\_1A-7C-28A\_n3A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_7C\_n3A  DC\_28A\_n3A |
| DC\_1A-7A-28A\_n5A  DC\_1A-7C-28A\_n5A | DC\_1A\_n5A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_28A\_n5A |
| DC\_1A-7A-28A\_n7A | DC\_1A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_1A-1A-7A-28A\_n7A | DC\_1A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_1A-7A-28A\_n40A | DC\_1A\_n40A  DC\_7A\_n40A  DC\_28A\_n40A |
| DC\_1A-7A-28A\_n78A  DC\_1A-7C-28A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n78A |
| DC\_1A-7A\_n28A-n78A2  DC\_1A-7C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_7C\_n28A  DC\_7C\_n78A |
| DC\_1A-7A-32A\_n28A | DC\_1A\_n28A  DC\_7A\_n28A |
| DC\_1A-7A-32A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A |
| DC\_1A-7A-38A\_n28A10 | DC\_1A\_n28A |
| DC\_1A-7A-40A\_n78A  DC\_1A-7A-40C\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_1A-7A-40A\_n78(2A)  DC\_1A-7A-40C\_n78(2A) | DC\_1A\_n78A  DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_1A-7A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A |
| DC\_1A-8A\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_8A\_n3A  DC\_8A\_n28A |
| DC\_1A-8A\_n3A-n77A  DC\_1A-8A\_n3A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A |
| DC\_1A-8A-11A\_n3A | DC\_1A\_n3A  DC\_8A\_n3A  DC\_11A\_n3A |
| DC\_1A-8A-11A\_n28A | DC\_1A\_n28A  DC\_8A\_n28A  DC\_11A\_n28A |
| DC\_1A-8A-11A\_n77A2 | DC\_1A\_n77A  DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n77(2A)2 | DC\_1A\_n77A  DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n78A2 | DC\_1A\_n78A  DC\_8A\_n78A  DC\_11A\_n78A |
| DC\_1A-8A-20A\_n78A | DC\_1A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A |
| DC\_1A-8A\_n28A-n77A2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_1A-8A\_n28A-n77(2A)2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_1A-8A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_1A-8A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_8A\_n40A  DC\_8A\_n78A |
| DC\_1A-8A-40A\_n78A  DC\_1A-8A-40C\_n78A | DC\_1A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_1A-8A-40A\_n78(2A)  DC\_1A-8A-40C\_n78(2A) | DC\_1A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_1A-8A-42A\_n3A  DC\_1A-8A-42C\_n3A | DC\_1A\_n3A  DC\_8A\_n3A  DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_1A-8A-42A\_n28A  DC\_1A-8A-42C\_n28A | DC\_1A\_n28A  DC\_8A\_n28A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-8A-42A\_n77A  DC\_1A-8A-42C\_n77A | DC\_1A\_n77A  DC\_8A\_n77A |
| DC\_1A-8A-42A\_n77(2A)  DC\_1A-8A-42C\_n77(2A) | DC\_1A\_n77A  DC\_8A\_n77A |
| DC\_1A-11A\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_11A\_n3A  DC\_11A\_n28A |
| DC\_1A-11A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_1A-11A\_n3A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_1A-11A-18A\_n3A | DC\_1A\_n3A  DC\_11A\_n3A  DC\_18A\_n3A |
| DC\_1A-11A-18A\_n28A | DC\_1A\_n28A  DC\_11A\_n28A  DC\_18A\_n28A |
| DC\_1A-11A-18A\_n41A | DC\_1A\_n41A  DC\_11A\_n41A  DC\_18A\_n41A |
| DC\_1A-11A-18A\_n77A  DC\_1A-11A-18A\_n77(2A) | DC\_1A\_n77A  DC\_11A\_n77A  DC\_18A\_n77A |
| DC\_1A-11A-18A\_n78A  DC\_1A-11A-18A\_n78(2A) | DC\_1A\_n78A  DC\_11A\_n78A  DC\_18A\_n78A |
| DC\_1A-11A\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-11A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-18A\_n3A-n41A | DC\_1A\_n3A  DC\_1A\_n41A  DC\_18A\_n3A  DC\_18A\_n41A |
| DC\_1A-18A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_18A\_n3A  DC\_18A\_n77A |
| DC\_1A-18A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_18A\_n3A  DC\_18A\_n78A |
| DC\_1A-18A\_n28A-n41A | DC\_1A\_n28A  DC\_1A\_n41A  DC\_18A\_n28A  DC\_18A\_n41A |
| DC\_1A-18A-28A\_n77A | DC\_1A\_n77A  DC\_18A\_n77A  DC\_28A\_n77A |
| DC\_1A-18A\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_18A\_n28A  DC\_18A\_n77A |
| DC\_1A-18A-28A\_n78A | DC\_1A\_n78A  DC\_18A\_n78A  DC\_28A\_n78A |
| DC\_1A-18A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_18A\_n28A  DC\_18A\_n78A |
| DC\_1A-18A-28A\_n79A2 | DC\_1A\_n79A  DC\_18A\_n79A  DC\_28A\_n79A |
| DC\_1A-18A-41A\_n3A  DC\_1A-18A-41C\_n3A | DC\_1A\_n3A  DC\_18A\_n3A  DC\_41A\_n3A  DC\_41C\_n3A |
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| DC\_1A-18A\_n41A-n77A | DC\_1A\_n41A  DC\_1A\_n77A  DC\_18A\_n41A  DC\_18A\_n77A |
| DC\_1A-18A-41A\_n78A  DC\_1A-18A-41C\_n78A | DC\_1A\_n78A  DC\_18A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_1A-18A\_n41A-n78A | DC\_1A\_n41A  DC\_1A\_n78A  DC\_18A\_n41A  DC\_18A\_n78A |
| DC\_1A-18A-42A\_n77A  DC\_1A-18A-42C\_n77A | DC\_1A\_n77A  DC\_18A\_n77A |
| DC\_1A-18A-42A\_n78A  DC\_1A-18A-42C\_n78A | DC\_1A\_n78A  DC\_18A\_n78A |
| DC\_1A-18A-42A\_n79A  DC\_1A-18A-42C\_n79A | DC\_1A\_n79A  DC\_18A\_n79A |
| DC\_1A-19A-21A\_n77A2  DC\_1A-19A-21A\_n77C2  DC\_1A-19A-21A\_n77(2A) | DC\_1A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_1A-19A-21A\_n78A2  DC\_1A-19A-21A\_n78C2  DC\_1A-19A-21A\_n78(2A) | DC\_1A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_1A-19A-21A\_n79A2  DC\_1A-19A-21A\_n79C2 | DC\_1A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_1A-19A-42A\_n77A  DC\_1A-19A-42A\_n77C  DC\_1A-19A-42C\_n77A  DC\_1A-19A-42C\_n77C | DC\_1A\_n77A  DC\_19A\_n77A |
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| DC\_1A-19A\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_1A-20A\_n3A-n38A | DC\_1A\_n3A  DC\_20A\_n3A  DC\_1A\_n38A  DC\_20A\_n38A |
| DC\_1A-20A\_n3A-n78A | DC\_1A\_n3A  DC\_20A\_n3A  DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-20A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A |
| DC\_1A-20A\_n28A-n78A2,3 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_1A-20A-32A\_n3A | DC\_1A\_n3A  DC\_20A\_n3A |
| DC\_1A-20A-32A\_n28A | DC\_1A\_n28A  DC\_20A\_n28A |
| DC\_1A-20A-32A\_n78A | DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-20A-(n)38AA | DC\_1A\_n38A  DC\_20A\_n38A |
| DC\_1A-20A-38A\_n78A | DC\_1A\_n78A |
| DC\_1A-20A-40A\_n78A | DC\_1A\_n78A  DC\_20A\_n78A  DC\_40A\_n78A |
| DC\_1A-20A\_n41A-n78A | DC\_1A\_n41A  DC\_1A\_n78A  DC\_20A\_n41A  DC\_20A\_n78A |
| DC\_1A-21A-28A\_n77A2 | DC\_1A\_n77A  DC\_21A\_n77A  DC\_28A\_n77A |
| DC\_1A-21A\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_21A\_n28A  DC\_21A\_n77A |
| DC\_1A-21A-28A\_n78A2 | DC\_1A\_n78A  DC\_21A\_n78A  DC\_28A\_n78A |
| DC\_1A-21A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_21A\_n28A  DC\_21A\_n78A |
| DC\_1A-21A-28A\_n79A2 | DC\_1A\_n79A  DC\_21A\_n79A  DC\_28A\_n79A |
| DC\_1A-21A\_n28A-n79A | DC\_1A\_n28A  DC\_1A\_n79A  DC\_21A\_n28A  DC\_21A\_n79A |
| DC\_1A-21A-42A\_n77A  DC\_1A-21A-42A\_n77C  DC\_1A-21A-42C\_n77A  DC\_1A-21A-42C\_n77C  DC\_1A-21A-42D\_n77A  DC\_1A-21A-42D\_n77C | DC\_1A\_n77A  DC\_21A\_n77A |
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| DC\_1A-21A\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A-21A\_n78A-n79A | DC\_1A\_n78A  DC\_1A\_n79A |
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| DC\_1A-28A\_n7B-n78A | DC\_1A\_n7A  DC\_1A\_n7B  DC\_28A\_n7A  DC\_28A\_n7B  DC\_1A\_n78A  DC\_28A\_n78A |
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| DC\_1A-28A-42A\_n79A  DC\_1A-28A-42C\_n79A | DC\_1A\_n79A  DC\_28A\_n79A |
| DC\_1A-41A\_n3A-n41A | DC\_1A\_n3A  DC\_1A\_n41A  DC\_41A\_n3A |
| DC\_1A\_n28A-n77A-n79A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A\_n28A-n78A-n79A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_1A\_n79A |
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| DC\_1A-41C\_n3A\_n77A | DC\_41A\_n3A  DC\_41A\_n77A  DC\_41C\_n3A  DC\_41C\_n77A |
| DC\_1A-41A\_n3A\_n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_41A\_n3A  DC\_41A\_n78A |
| DC\_1A-41C\_n3A\_n78A | DC\_41A\_n3A  DC\_41A\_n78A  DC\_41C\_n3A  DC\_41C\_n78A |
| DC\_1A-41A\_n28A-n41A | DC\_1A\_n28A  DC\_1A\_n41A  DC\_41A\_n28A |
| DC\_1A-41A\_n28A\_n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_41A\_n28A  DC\_41A\_n77A |
| DC\_1A-41C\_n28A\_n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_41A\_n28A  DC\_41A\_n77A  DC\_41C\_n28A  DC\_41C\_n77A |
| DC\_1A-41A\_n28A\_n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_41A\_n28A  DC\_41A\_n78A |
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| DC\_1A-42C\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_42A\_n3A  DC\_42A\_n28A  DC\_42C\_n3A  DC\_42C\_n28A |
| DC\_1A-42A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_42A\_n3A |
| DC\_1A-42A\_n3A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n77A  DC\_42A\_n3A |
| DC\_1A-42C\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_1A-42C\_n3A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_1A-42A\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_42A\_n28A |
| DC\_1A-42A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_42A\_n28A |
| DC\_1A-42C\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-42C\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
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| DC\_2A-12A-(n)5AA | DC\_2A\_n5A  DC\_12A\_n5A  DC\_(n)5AA4 |
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| DC\_2A-7A-7A\_n25A-n66A7,8 | DC\_2A\_n66A DC\_7A\_n25A DC\_7A\_n66A |
| DC\_2A-7C\_n25A-n66A7,8 | DC\_2A\_n66A DC\_7A\_n25A DC\_7A\_n66A |
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| DC\_2A-7A-66A\_n2A | DC\_7A\_n2A  DC\_66A\_n2A |
| DC\_2A-7A-66A\_n7A  DC\_2A-7A-66A-66A\_n7A | DC\_2A\_n7A  DC\_7A\_n7A4  DC\_66A\_n7A |
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| DC\_2A-7A-66A\_n66A  DC\_2A-7C-66A\_n66A  DC\_2A-7A-7A-66A\_n66A  DC\_2A-7A-66A-66A\_n66A  DC\_2A-7A-7A-66A-66A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_66A\_n66A4 |
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| DC\_2A-2A-7A-66A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_2A-7A\_n66A-n78A  DC\_2A-7A-7A\_n66A-n78A  DC\_2A-7C\_n66A-n78A | DC\_2A\_n66A  DC\_2A\_n78A  DC\_7A\_n66A  DC\_7A\_n78A |
| DC\_2A-7A-66A\_n78(2A)  DC\_2A-7A-7A-66A\_n78A  DC\_2A-7A-7A-66A\_n78(2A)  DC\_2A-7C-66A\_n78(2A)  DC\_2A-7A-66A-66A\_n78A  DC\_2A-7A-66A-66A\_n78(2A)  DC\_2A-7A-7A-66A-66A\_n78A  DC\_2A-7A-7A-66A-66A\_n78(2A)  DC\_2A-7C-66A-66A\_n78A  DC\_2A-7C-66A-66A\_n78(2A) | DC\_2A\_n78A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_2A-7A-71A\_n2A | DC\_7A\_n2A  DC\_71A\_n2A |
| DC\_2A-7A-71A\_n66A  DC\_2A-2A-7A-71A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_71A\_n66A |
| DC\_2A-7A -71A\_n78A  DC\_2A-2A-7A -71A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_71A\_n78A |
| DC\_2A-12A-30A\_n2A | DC\_12A\_n2A  DC\_30A\_n2A |
| DC\_2A-12A-48A\_n5A | DC\_2A\_n5A  DC\_12A\_n5A  DC\_48A\_n5A |
| DC\_2A-12A-66A\_n5A | DC\_2A\_n5A  DC\_12A\_n5A  DC\_66A\_n5A |
| DC\_2A-12A-30A\_n66A  DC\_2A-2A-12A-30A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A  DC\_30A\_n66A |
| DC\_2A-12A-66A\_n2A | DC\_12A\_n2A  DC\_66A\_n2A |
| DC\_2A-12A-66A-66A\_n2A | DC\_12A\_n2A  DC\_66A\_n2A |
| DC\_2A-12A-66A\_n41A  DC\_2A-2A-12A-66A\_n41A | DC\_2A\_n41A  DC\_12A\_n41A  DC\_66A\_n41A |
| DC\_2A-12A-66A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-2A-12A-66A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-12A-66A\_n78A  DC\_2A-2A-12A-66A\_n78A | DC\_2A\_n78A  DC\_12A\_n78A  DC\_66A\_n78A |
| DC\_2A-13A\_n25A-n66A7,8 | DC\_2A\_n66A DC\_13A\_n25A DC\_13A\_n66A |
| DC\_2A-13A-48A\_n77A | DC\_2A\_n77A  DC\_13A\_n77A  DC\_48A\_n77A |
| DC\_2A-13A-66A\_n2A | DC\_13A\_n2A |
| DC\_2A-13A-66A-66A\_n2A | DC\_13A\_n2A |
| DC\_2A-13A-66A\_n5A  DC\_2A-2A-13A-66A\_n5A  DC\_2A-13A-66A-66A\_n5A  DC\_2A-2A-13A-66A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-13A-66A\_n48A  DC\_2A-13A-66A\_n48B | DC\_2A\_n48A  DC\_13A\_n48A  DC\_66A\_n48A |
| DC\_2A-13A-66A-66A\_n48A  DC\_2A-13A-66A-66A\_n48B | DC\_2A\_n48A  DC\_13A\_n48A  DC\_66A\_n48A |
| DC\_2A-13A-66A\_n66A  DC\_2A-2A-13A-66A\_n66A  DC\_2A-13A-66A-66A\_n66A  DC\_2A-2A-13A-66A-66A\_n66A | DC\_2A\_n66A  DC\_13A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-13A-66B\_n66A | DC\_13A\_n66A |
| DC\_2A-13A-66A\_n77A9  DC\_2A-2A-13A-66A\_n77A  DC\_2A-13A-66A-66A\_n77A | DC\_2A\_n77A9  DC\_13A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-13A\_n66A-n77A9 | DC\_2A\_n77A9  DC\_13A\_n66A  DC\_13A\_n77A9 |
| DC\_2A-14A-30A\_n2A | DC\_2A\_n2A4  DC\_14A\_n2A  DC\_30A\_n2A |
| DC\_2A-14A-30A\_n66A  DC\_2A-2A-14A-30A\_n66A | DC\_2A\_n66A  DC\_14A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-14A-66A\_n2A | DC\_2A\_n2A4  DC\_14A\_n2A  DC\_66A\_n2A |
| DC\_2A-14A-66A-66A\_n2A | DC\_2A\_n2A4  DC\_14A\_n2A  DC\_66A\_n2A |
| DC\_2A-14A-66A\_n66A | DC\_2A\_n66A  DC\_14A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-2A-14A-66A\_n66A | DC\_2A\_n66A  DC\_14A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-28A-66A\_n7A | DC\_2A\_n7A  DC\_28A\_n7A  DC\_66A\_n7A |
| DC\_2A-28A-66A\_n66A | DC\_2A\_n66A  DC\_28A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-29A-30A\_n2A | DC\_2A\_n2A4  DC\_30A\_n2A |
| DC\_2A-29A-30A\_n66A  DC\_2A-2A-29A-30A\_n66A | DC\_2A\_n66A  DC\_30A\_n66A |
| DC\_2A-29A-66A\_n2A | DC\_2A\_n2A4  DC\_66A\_n2A |
| DC\_2A-29A-66A-66A\_n2A | DC\_2A\_n2A4  DC\_66A\_n2A |
| DC\_2A-29A-66A\_n66A  DC\_2A-2A-29A-66A\_n66A | DC\_2A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-29A-66A\_n78A | DC\_2A\_n78A  DC\_66A\_n78A |
| DC\_2A-30A-66A\_n2A | DC\_2A\_n2A4  DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_2A-30A-66A-66A\_n2A | DC\_2A\_n2A4  DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_2A-30A-66A\_n5A  DC\_2A-2A-30A-66A\_n5A  DC\_2A-30A-66A-66A\_n5A | DC\_2A\_n5A  DC\_30A\_n5A  DC\_66A\_n5A |
| DC\_2A-30A-66A\_n66A  DC\_2A-2A-30A-66A\_n66A | DC\_2A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
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| DC\_2A-46A\_n41A-n71A  DC\_2A-46C\_n41A-n71A  DC\_2A-46D\_n41A-n71A | DC\_2A\_n41A  DC\_2A\_n71A |
| DC\_2A-46A\_n41(2A)-n71A  DC\_2A-46C\_n41(2A)-n71A  DC\_2A-46D\_n41(2A)-n71A | DC\_2A\_n41A  DC\_2A\_n71A |
| DC\_2A-46A-48A\_n2A  DC\_2A-46C-48A\_n2A  DC\_2A-46D-48A\_n2A  DC\_2A-46E-48A\_n2A | DC\_2A\_n2A4  DC\_48A\_n2A |
| DC\_2A-46A-48A\_n5A  DC\_2A-46C-48A\_n5A  DC\_2A-46D-48A\_n5A  DC\_2A-46E-48A\_n5A | DC\_2A\_n5A  DC\_48A\_n5A |
| DC\_2A-46A-48A\_n66A  DC\_2A-46C-48A\_n66A  DC\_2A-46D-48A\_n66A  DC\_2A-46E-48A\_n66A | DC\_2A\_n66A  DC\_48A\_n66A |
| DC\_2A-46A-66A\_n5A  DC\_2A-46C-66A\_n5A  DC\_2A-46D-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-46A-66A\_n41A  DC\_2A-46C-66A\_n41A  DC\_2A-46D-66A\_n41A | DC\_2A\_n41A  DC\_66A\_n41A |
| DC\_2A-46A-66A\_n41(2A)  DC\_2A-46C-66A\_n41(2A)  DC\_2A-46D-66A\_n41(2A) | DC\_2A\_n41A  DC\_66A\_n41A |
| DC\_2A-46A-66A\_n71A  DC\_2A-46C-66A\_n71A  DC\_2A-46D-66A\_n71A | DC\_2A\_n71A  DC\_66A\_n71A |
| DC\_2A-48A-(n)5AA | DC\_2A\_n5A  DC\_48A\_n5A  DC\_(n)5AA4 |
| DC\_2A-46A\_n66A-n71A  DC\_2A-46C\_n66A-n71A  DC\_2A-46D\_n66A-n71A | DC\_2A\_n66A  DC\_2A\_n71A |
| DC\_2A-48A\_n48A-n66A | DC\_2A\_n48A  DC\_2A\_n66A  DC\_48A\_n66A |
| DC\_2A-48A-66A\_n2A  DC\_2A-48C-66A\_n2A  DC\_2A-48D-66A\_n2A  DC\_2A-48E-66A\_n2A | DC\_66A\_n2A  DC\_48A\_n2A  DC\_2A\_n2A**4** |
| DC\_2A-48A-66A\_n5A | DC\_2A\_n5A  DC\_48A\_n5A  DC\_66A\_n5A |
| DC\_2A-48C-66A\_n5A  DC\_2A-48D-66A\_n5A  DC\_2A-48E-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-48A-66A\_n12A | DC\_2A\_n12A  DC\_48A\_n12A  DC\_66A\_n12A |
| DC\_2A-48A-66A\_n66A  DC\_2A-48C-66A\_n66A  DC\_2A-48D-66A\_n66A  DC\_2A-48E-66A\_n66A | DC\_66A\_n66A4  DC\_48A\_n66A  DC\_2A\_n66A |
| DC\_2A-48A-66A\_n71A | DC\_2A\_n71A  DC\_48A\_n71A  DC\_66A\_n71A |
| DC\_2A-48A-66A\_n77A | DC\_2A\_n77A  DC\_48A\_n77A  DC\_66A\_n77A |
| DC\_2A-66A-(n)5AA | DC\_2A\_n5A  DC\_66A\_n5A  DC\_(n)5AA4 |
| DC\_2A-66A\_n5A-n77A9 | DC\_2A\_n5A  DC\_2A\_n77A9  DC\_66A\_n5A  DC\_66A\_n77A9 |
| DC\_2A-66A\_n25A-n66A7,8 | DC\_2A\_n66A DC\_66A\_n25A |
| DC\_2A-66A\_n38A-n78A | DC\_2A\_n38A  DC\_2A\_n78A  DC\_66A\_n38A  DC\_66A\_n78A |
| DC\_2A-66A-71A\_n38A  DC\_2A-2A-66A-71A\_n38A | DC\_2A\_n38A  DC\_66A\_n38A  DC\_71A\_n38A |
| DC\_2A-66A-71A\_n41A  DC\_2A-2A-66A-71A\_n41A | DC\_2A\_n41A  DC\_66A\_n41A  DC\_71A\_n41A |
| DC\_2A-66A-71A\_n66A | DC\_2A\_n66A  DC\_66A\_n66A4  DC\_71A\_n66A |
| DC\_2A-66A-71A\_n71A | DC\_2A\_n71A  DC\_66A\_n71A |
| DC\_2A-66A-71A\_n78A  DC\_2A-2A-66A-71A\_n78A | DC\_2A\_n78A  DC\_66A\_n78A  DC\_71A\_n78A |
| DC\_2A-66A-(n)71AA  DC\_2A-66C-(n)71AA | DC\_2A\_n71A  DC\_66A\_n71A  DC\_(n)71AA |
| DC\_2A-66A\_n41A-n71A  DC\_2A-66A\_n41C-n71A | DC\_2A\_n41A  DC\_2A\_n71A  DC\_66A\_n41A  DC\_66A\_n71A |
| DC\_2A-66A\_n41(2A)-n71A | DC\_2A\_n41A  DC\_2A\_n71A  DC\_66A\_n41A  DC\_66A\_n71A |
| DC\_2A-66A\_n66A-n77A | DC\_2A\_n77A  DC\_66A\_n77A |
| DC\_2A-66A\_n66A-n78A | DC\_2A\_n66A  DC\_2A\_n78A  DC\_66A\_n66A4 |
| DC\_2A-66A-71A\_n2A | DC\_66A\_n2A  DC\_71A\_n2A |
| DC\_3A\_n1A-n77A-n79A | DC\_3A\_n1A  DC\_3A\_n77A  DC\_3A\_n79A |
| DC\_3A\_n1A-n78A-n79A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n79A |
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| DC\_3A-7A\_n1A-n78A2  DC\_3C-7A\_n1A-n78A2  DC\_3A-3A-7A\_n1A-n78A2  DC\_3A-7A-7A\_n1A-n78A2  DC\_3A-3A-7A-7A\_n1A-n78A2 | DC\_3A\_n1A  DC\_3C\_n1A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n1A  DC\_7A\_n78A |
| DC\_3A-7C\_n1A-n78A  DC\_3C-7C\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_7C\_n1A  DC\_7C\_n78A |
| DC\_3A-5A-41A\_n79A | DC\_3A\_n79A  DC\_5A\_n79A  DC\_41A\_n79A |
| DC\_3A-7A\_n3A-n78A | DC\_3A\_n3A4 DC\_7A\_n3A DC\_3A\_n78A DC\_7A\_n78A |
| DC\_3A-7C\_n3A-n78A | DC\_3A\_n3A4 DC\_7A\_n3A DC\_7C\_n3A DC\_3A\_n78A  DC\_7C\_n78A DC\_7A\_n78A |
| DC\_3A-7A\_n5A-n78A  DC\_3A-7C\_n5A-n78A  DC\_3C-7A\_n5A-n78A  DC\_3C-7C\_n5A-n78A | DC\_3A\_n5A  DC\_3C\_n5A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_3A-7A\_n7A-n78A2  DC\_3A-3A-7A\_n7A-n78A2 | DC\_3A\_n7A  DC\_7A\_n7A4  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_3C-7A\_n7A-n78A | DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A |
| DC\_3A-7A-8A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_8A\_n1A |
| DC\_3A-3A-7A-8A\_n1A  DC\_3A-7A-7A-8A\_n1A  DC\_3A-3A-7A-7A-8A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_8A\_n1A |
| DC\_3A-7A-8A\_n28A | DC\_3A\_n28A  DC\_7A\_n28A  DC\_8A\_n28A |
| DC\_3A-7A-8A\_n40A | DC\_3A\_n40A  DC\_7A\_n40A DC\_8A\_n40A |
| DC\_3A-7A-8A\_n77A2 | DC\_3A\_n77A  DC\_7A\_n77A  DC\_8A\_n77A |
| DC\_3A-7A-8A\_n78A2  DC\_3A-7A-8A\_n78(2A) | DC\_3A\_n78A,  DC\_7A\_n78A,  DC\_8A\_n78A |
| DC\_3A-3A-7A-8A\_n78A2  DC\_3A-7A-7A-8A\_n78A2  DC\_3A-3A-7A-7A-8A\_n78A2 | DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_3A-7A\_n8A-n78A2  DC\_3A-3A-7A\_n8A-n78A2  DC\_3A-7A-7A\_n8A-n78A2  DC\_3A-3A-7A-7A\_n8A-n78A2 | DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_3A-7A-20A\_n1A  DC\_3C-7A-20A\_n1A  DC\_3A-7C-20A\_n1A  DC\_3C-7C-20A\_n1A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_7A\_n1A  DC\_7C\_n1A  DC\_20A\_n1A |
| DC\_3A-7A-20A\_n8A | DC\_3A\_n8A  DC\_7A\_n8A  DC\_20A\_n8A |
| DC\_3A-7A-20A\_n28A3 | DC\_3A\_n28A  DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_3A-7A-20A\_n78A2  DC\_3C-7A-20A\_n78A2 | DC\_3A\_n78A  DC\_20A\_n78A  DC\_7A\_n78A |
| DC\_3A-7A-28A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_28A\_n1A |
| DC\_3A-7A-28A\_n3A  DC\_3A-7C-28A\_n3A | DC\_3A\_n3A4  DC\_7A\_n3A  DC\_7C\_n3A  DC\_28A\_n3A |
| DC\_3A-7A-28A\_n5A  DC\_3A-7C-28A\_n5A  DC\_3C-7A-28A\_n5A  DC\_3C-7C-28A\_n5A | DC\_3A\_n5A  DC\_3C\_n5A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_28A\_n5A |
| DC\_3A-7A-28A\_n7A  DC\_3C-7A-28A\_n7A | DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_3A-3A-7A-28A\_n7A | DC\_3A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_3A-7A-28A\_n40A | DC\_3A\_n40A  DC\_7A\_n40A  DC\_28A\_n40A |
| DC\_3A-7A-28A\_n78A2  DC\_3A-7C-28A\_n78A2  DC\_3C-7A-28A\_n78A  DC\_3C-7C-28A\_n78A | DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n78A |
| DC\_3A-7A\_n28A-n78A2  DC\_3A-7C\_n28A-n78A  DC\_3C-7A\_n28A-n78A  DC\_3C-7C\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n28A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_7C\_n28A  DC\_7C\_n78A |
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| DC\_3A-7A-40A\_n78A  DC\_3A-7A-40C\_n78A | DC\_3A\_n78A  DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_3A-7A-40A\_n78(2A)  DC\_3A-7A-40C\_n78(2A) | DC\_3A\_n78A  DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_3A-7A\_n40A-n78A | DC\_3A\_n40A  DC\_3A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A |
| DC\_3A-7A\_SUL\_n78A-n80A  DC\_3C-7A\_SUL\_n78A-n80A | DC\_3A\_n78A  DC\_3A\_n80A\_ULSUP-TDM\_n78A  DC\_7A\_n78A  DC\_7A\_n80A |
| DC\_3A-8A\_n1A-n40A | DC\_3A\_n1A  DC\_8A\_n1A  DC\_3A\_n40A  DC\_8A\_n40A |
| DC\_3A-8A\_n1A-n78A2  DC\_3A-3A-8A\_n1A-n78A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A |
| DC\_3A-8A-11A\_n28A | DC\_3A\_n28A  DC\_8A\_n28A  DC\_11A\_n28A |
| DC\_3A-8A-11A\_n77A | DC\_3A\_n77A  DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_3A-8A-11A\_n77(2A) | DC\_3A\_n77A  DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_3A-8A-20A\_n78A | DC\_3A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A |
| DC\_3A-8A\_n28A-n77A2 | DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_3A-8A\_n28A-n77(2A)2 | DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_3A-8A\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_3A-8A\_n40A-n78A | DC\_3A\_n40A  DC\_3A\_n78A  DC\_8A\_n40A  DC\_8A\_n78A |
| DC\_3A-8A-40A\_n1A  DC\_3A-8A-40C\_n1A | DC\_3A\_n1A  DC\_8A\_n1A  DC\_40A\_n1A |
| DC\_3A-8A-40A\_n78A  DC\_3A-8A-40C\_n78A | DC\_3A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_3A-8A-40A\_n78(2A)  DC\_3A-8A-40C\_n78(2A) | DC\_3A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_3A-8A-42A\_n77A  DC\_3A-8A-42C\_n77A | DC\_3A\_n77A  DC\_8A\_n77A |
| DC\_3A-8A\_SUL\_n78A-n80A | DC\_3A\_n78A  DC\_3A\_n80A\_ULSUP-TDM\_n78A  DC\_8A\_n78A  DC\_8A\_n80A |
| DC\_3A-11A\_n28A-n77A | DC\_3A\_n28A  DC\_3A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_3A-11A\_n28A-n77(2A) | DC\_3A\_n28A  DC\_3A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_3A-18A\_n3A-n41A | DC\_3A\_n3A4  DC\_3A\_n41A  DC\_18A\_n3A  DC\_18A\_n41A |
| DC\_3A-18A\_n3A-n77A | DC\_3A\_n3A4  DC\_3A\_n77A  DC\_18A\_n3A  DC\_18A\_n77A |
| DC\_3A-18A\_n3A-n78A | DC\_3A\_n3A4  DC\_3A\_n78A  DC\_18A\_n3A  DC\_18A\_n78A |
| DC\_3A-18A\_n28A-n41A | DC\_3A\_n28A  DC\_3A\_n41A  DC\_18A\_n28A  DC\_18A\_n41A |
| DC\_3A-18A\_n28A-n77A | DC\_3A\_n28A  DC\_3A\_n77A  DC\_18A\_n28A  DC\_18A\_n77A |
| DC\_3A-18A\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_18A\_n28A  DC\_18A\_n78A |
| DC\_3A-18A\_n41A-n77A | DC\_3A\_n41A  DC\_3A\_n77A  DC\_18A\_n41A  DC\_18A\_n77A |
| DC\_3A-18A\_n41A-n78A | DC\_3A\_n41A  DC\_3A\_n78A  DC\_18A\_n41A  DC\_18A\_n78A |
| DC\_3A-18A-42A\_n77A  DC\_3A-18A-42C\_n77A | DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_3A-18A-42A\_n78A  DC\_3A-18A-42C\_n78A | DC\_3A\_n78A  DC\_18A\_n78A |
| DC\_3A-18A-42A\_n79A  DC\_3A-18A-42C\_n79A | DC\_3A\_n79A  DC\_18A\_n79A |
| DC\_3A-19A\_n1A-n77A | DC\_3A\_n1A  DC\_3A\_n77A  DC\_19A\_n1A  DC\_19A\_n77A |
| DC\_3A-19A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_19A\_n1A  DC\_19A\_n78A |
| DC\_3A-19A\_n1A-n79A | DC\_3A\_n1A  DC\_3A\_n79A  DC\_19A\_n1A  DC\_19A\_n79A |
| DC\_3A-19A-21A\_n77A2  DC\_3A-19A-21A\_n77C2 | DC\_3A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_3A-19A-21A\_n78A2  DC\_3A-19A-21A\_n78C2 | DC\_3A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_3A-19A-21A\_n79A2  DC\_3A-19A-21A\_n79C2 | DC\_3A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_3A-19A-42A\_n1A  DC\_3A-19A-42C\_n1A | DC\_3A\_n1A  DC\_19A\_n1A  DC\_42A\_n1A |
| DC\_3A-19A-42A\_n77A  DC\_3A-19A-42A\_n77C  DC\_3A-19A-42C\_n77A  DC\_3A-19A-42C\_n77C  DC\_3A-19A-42D\_n77A  DC\_3A-19A-42D\_n77C | DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_3A-19A-42A\_n78A  DC\_3A-19A-42A\_n78C  DC\_3A-19A-42C\_n78A  DC\_3A-19A-42C\_n78C  DC\_3A-19A-42D\_n78A  DC\_3A-19A-42D\_n78C | DC\_3A\_n78A  DC\_19A\_n78A |
| DC\_3A-19A-42A\_n79A2  DC\_3A-19A-42A\_n79C2  DC\_3A-19A-42C\_n79A2  DC\_3A-19A-42C\_n79C2  DC\_3A-19A-42D\_n79A  DC\_3A-19A-42D\_n79C | DC\_3A\_n79A  DC\_19A\_n79A |
| DC\_3A-19A\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_3A-19A\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_3A-20A\_n1A-n7A | DC\_3A\_n1A  DC\_3A\_n7A  DC\_20A\_n1A  DC\_20A\_n7A |
| DC\_3C-20A\_n1A-n7A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_20A\_n1A  DC\_20A\_n7A |
| DC\_3A-20A\_n1A-n28A | DC\_3A\_n1A  DC\_3A\_n28A  DC\_20A\_n1A  DC\_20A\_n28A |
| DC\_3C-20A\_n1A-n28A | DC\_3A\_n1A  DC\_3A\_n28A  DC\_20A\_n1A  DC\_3C\_n1A  DC\_3C\_n28A  DC\_20A\_n28A |
| DC\_3A-20A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_20A\_n1A  DC\_20A\_n78A |
| DC\_3C-20A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_20A\_n1A  DC\_20A\_n78A  DC\_3C\_n1A  DC\_3C\_n78A |
| DC\_3A-20A\_n7A-n28A | DC\_3A\_n7A  DC\_3A\_n28A  DC\_20A\_n7A  DC\_20A\_n28A |
| DC\_3C-20A\_n7A-n28A | DC\_3A\_n7A  DC\_3A\_n28A  DC\_3C\_n7A  DC\_3C\_n28A  DC\_20A\_n7A  DC\_20A\_n28A |
| DC\_3A-20A\_n8A-n78A | DC\_3A\_n8A  DC\_3A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A |
| DC\_3A-20A-28A\_n1A | DC\_3A\_n1A  DC\_20A\_n1A  DC\_28A\_n1A |
| DC\_3A-20A\_n28A-n78A2,3  DC\_3C-20A\_n28A-n78A2,3 | DC\_3A\_n28A  DC\_3A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_3A-20A-32A\_n1A | DC\_3A\_n1A  DC\_20A\_n1A |
| DC\_3A-20A-32A\_n78A | DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_3A-20A-38A\_n78A | DC\_3A\_n78A |
| DC\_3A-20A\_n38A-n78A | DC\_3A\_n78A  DC\_20A\_n78A  DC\_3A\_n38A  DC\_20A\_n38A |
| DC\_3A-20A-40A\_n78A  DC\_3A-20A-40C\_n78A | DC\_3A\_n78A  DC\_20A\_n78A  DC\_40A\_n78A |
| DC\_3A-20A-40A\_n78(2A)  DC\_3A-20A-40C\_n78(2A) | DC\_3A\_n78A  DC\_20A\_n78A  DC\_40A\_n78A |
| DC\_3A-20A\_n41A-n78A | DC\_3A\_n41A  DC\_3A\_n78A  DC\_20A\_n41A  DC\_20A\_n78A |
| DC\_3A-20A\_SUL\_n78A-n80A  DC\_3C-20A\_SUL\_n78A-n80A | DC\_3A\_n78A  DC\_3A\_n80A\_ULSUP-TDM\_n78A  DC\_20A\_n78A  DC\_20A\_n80A |
| DC\_3A-21A\_n28A-n77A | DC\_3A\_n28A  DC\_3A\_n77A  DC\_21A\_n28A  DC\_21A\_n77A |
| DC\_3A-21A\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_21A\_n28A  DC\_21A\_n78A |
| DC\_3A-21A\_n28A-n79A | DC\_3A\_n28A  DC\_3A\_n79A  DC\_21A\_n28A  DC\_21A\_n79A |
| DC\_3A-21A-42A\_n1A  DC\_3A-21A-42C\_n1A | DC\_3A\_n1A  DC\_21A\_n1A  DC\_42A\_n1A |
| DC\_3A-21A\_n1A-n77A | DC\_3A\_n1A  DC\_3A\_n77A  DC\_21A\_n1A  DC\_21A\_n77A |
| DC\_3A-21A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_21A\_n1A  DC\_21A\_n78A |
| DC\_3A-21A\_n1A-n79A | DC\_3A\_n1A  DC\_3A\_n79A  DC\_21A\_n1A  DC\_21A\_n79A |
| DC\_3A-21A-42A\_n77A  DC\_3A-21A-42A\_n77C  DC\_3A-21A-42C\_n77A  DC\_3A-21A-42C\_n77C  DC\_3A-21A-42D\_n77A  DC\_3A-21A-42D\_n77C | DC\_3A\_n77A  DC\_21A\_n77A |
| DC\_3A-21A-42A\_n78A  DC\_3A-21A-42A\_n78C  DC\_3A-21A-42C\_n78A  DC\_3A-21A-42C\_n78C  DC\_3A-21A-42D\_n78A  DC\_3A-21A-42D\_n78C | DC\_3A\_n78A  DC\_21A\_n78A |
| DC\_3A-21A-42A\_n79A  DC\_3A-21A-42A\_n79C  DC\_3A-21A-42C\_n79A  DC\_3A-21A-42C\_n79C  DC\_3A-21A-42D\_n79A  DC\_3A-21A-42D\_n79C | DC\_3A\_n79A  DC\_21A\_n79A |
| DC\_3A-21A\_n77A-n79A | DC\_3A\_n77A  DC\_3A\_n79A  DC\_21A\_n77A  DC\_21A\_n79A |
| DC\_3A-21A\_n78A-n79A | DC\_3A\_n78A  DC\_3A\_n79A  DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_3A-28A\_n1A-n40A | DC\_3A\_n1A  DC\_3A\_n40A  DC\_28A\_n1A  DC\_28A\_n40A |
| DC\_3A-28A\_n1A-n78A | DC\_3A\_n1A DC\_28A\_n1A DC\_3A\_n78A DC\_28A\_n78A |
| DC\_3A-28A\_n3A-n78A | DC\_3A\_n3A4 DC\_28A\_n3A DC\_3A\_n78A DC\_28A\_n78A |
| DC\_3A-28A\_n5A-n78A2  DC\_3C-28A\_n5A-n78A2 | DC\_3A\_n5A  DC\_3C\_n5A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_3A-28A\_n7A-n78A  DC\_3A-3A-28A\_n7A-n78A | DC\_3A\_n7A  DC\_28A\_n7A  DC\_3A\_n78A  DC\_28A\_n78A |
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| DC\_3C-28A\_n7A-n78A | DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n78A |
| DC\_3C-28A\_n7B-n78A | DC\_3A\_n7A  DC\_3C\_n7A  DC\_3A\_n7B  DC\_3C-n7B  DC\_28A\_n7A  DC\_28A\_n7B  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n78A |
| DC\_3A-28A-40A\_n78A | DC\_3A\_n78A  DC\_28A\_n78A  DC\_40A\_n78A |
| DC\_3A-28A\_n40A-n78A | DC\_3A\_n40A  DC\_3A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_3A-28A-41A\_n78A  DC\_3A-28A-41C\_n78A | DC\_3A\_n78A  DC\_28A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_3A-28A-42A\_n77A  DC\_3A-28A-42C\_n77A | DC\_3A\_n77A  DC\_28A\_n77A |
| DC\_3A-28A-42A\_n78A  DC\_3A-28A-42C\_n78A | DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_3A-28A-42A\_n79A  DC\_3A-28A-42C\_n79A | DC\_3A\_n79A  DC\_28A\_n79A |
| DC\_3A\_n28A-n77A-n79A | DC\_3A\_n28A  DC\_3A\_n77A  DC\_3A\_n79A |
| DC\_3A\_n28A-n78A-n79A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_3A\_n79A |
| DC\_3A-40A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_3A-40C\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_3A-41A\_n3A-n41A | DC\_3A\_n3A4  DC\_3A\_n41A  DC\_41A\_n3A |
| DC\_3A-41A\_n3A-n77A | DC\_3A\_n3A4  DC\_3A\_n77A  DC\_41A\_n3A  DC\_41A\_n77A |
| DC\_3A-41C\_n3A-n77A | DC\_3A\_n3A4  DC\_3A\_n77A  DC\_41A\_n3A  DC\_41A\_n77A  DC\_41C\_n3A  DC\_41C\_n77A |
| DC\_3A-41A\_n3A-n78A | DC\_3A\_n3A4  DC\_3A\_n78A  DC\_41A\_n3A  DC\_41A\_n78A |
| DC\_3A-41C\_n3A-n78A | DC\_3A\_n3A4  DC\_3A\_n78A  DC\_41A\_n3A  DC\_41A\_n78A  DC\_41C\_n3A  DC\_41C\_n78A |
| DC\_3A-41A\_n28A-n41A | DC\_3A\_n28A  DC\_3A\_n41A  DC\_41A\_n28A |
| DC\_3A-41A\_n28A-n77A | DC\_3A\_n28A  DC\_3A\_n77A  DC\_41A\_n28A  DC\_41A\_n77A |
| DC\_3A-41C\_n28A-n77A | DC\_3A\_n28A  DC\_3A\_n77A  DC\_41A\_n28A  DC\_41A\_n77A  DC\_41C\_n28A  DC\_41C\_n77A |
| DC\_3A-41A\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_41A\_n28A  DC\_41A\_n78A |
| DC\_3A-41C\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_41A\_n28A  DC\_41A\_n78A  DC\_41C\_n28A  DC\_41C\_n78A |
| DC\_3A-41A\_n41A-n77A | DC\_3A\_n41A  DC\_3A\_n77A  DC\_41A\_n77A |
| DC\_3A-41A\_n41A-n78A | DC\_3A\_n41A  DC\_3A\_n78A  DC\_41A\_n78A |
| DC\_3A-41A-42A\_n77A  DC\_3A-41A-42C\_n77A  DC\_3A-41C-42A\_n77A  DC\_3A-41C-42C\_n77A | DC\_3A\_n77A  DC\_41A\_n77A |
| DC\_3A-41A-42A\_n77(2A)  DC\_3A-41A-42C\_n77(2A) | DC\_3A\_n77A  DC\_41A\_n77A |
| DC\_3A-41A-42A\_n78A  DC\_3A-41A-42C\_n78A  DC\_3A-41C-42A\_n78A  DC\_3A-41C-42C\_n78A | DC\_3A\_n78A  DC\_41A\_n78A |
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| DC\_3A-42A\_n1A-n79A  DC\_3A-42C\_n1A-n79A | DC\_3A\_n1A  DC\_3A\_n79A |
| DC\_3A-42A\_n28A-n77A | DC\_3A\_n28A  DC\_3A\_n77A  DC\_42A\_n28A |
| DC\_3A-42A\_n28A-n77(2A) | DC\_3A\_n28A  DC\_3A\_n77A  DC\_42A\_n28A |
| DC\_3A-42C\_n28A-n77A | DC\_3A\_n28A  DC\_3A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_3A-42C\_n28A-n77(2A) | DC\_3A\_n28A  DC\_3A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_3A-42A\_n77A-n79A  DC\_3A-42C\_n77A-n79A | DC\_3A\_n77A  DC\_3A\_n79A |
| DC\_3A-42A\_n78A-n79A  DC\_3A-42C\_n78A-n79A | DC\_3A\_n78A  DC\_3A\_n79A |
| DC\_5A-7A-66A\_n2A | DC\_5A\_n2A  DC\_7A\_n2A  DC\_66A\_n2A |
| DC\_5A-7A-66A\_n7A  DC\_5A-7A-66A-66A\_n7A | DC\_5A\_n7A  DC\_7A\_n7A4  DC\_66A\_n7A |
| DC\_5A-7A-66A\_n66A  DC\_5A-7C-66A\_n66A  DC\_5A-7A-7A-66A\_n66A | DC\_5A\_n66A  DC\_7A\_n66A  DC\_66A\_n66A4 |
| DC\_5A-30A-66A\_n2A  DC\_5A-30A-66A-66A\_n2A | DC\_5A\_n2A  DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_5A-30A-66A\_n66A | DC\_5A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_5A-48A-(n)12AA | DC\_5A\_n12A  DC\_48A\_n12A  DC\_(n)12AA4 |
| DC\_5A-48A-66A\_n12A | DC\_5A\_n12A  DC\_48A\_n12A  DC\_66A\_n12A |
| DC\_5A-48A-66A\_n71A | DC\_5A\_n71A  DC\_48A\_n71A  DC\_66A\_n71A |
| DC\_5A-66A-(n)12AA | DC\_5A\_n12A  DC\_66A\_n12A  DC\_(n)12AA4 |
| DC\_7A-8A\_n1A-n40A | DC\_7A\_n1A  DC\_8A\_n1A  DC\_7A\_n40A  DC\_8A\_n40A |
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| DC\_7A-8A-32A\_n1A | DC\_7A\_n1A  DC\_8A\_n1A |
| DC\_7A-8A\_n28A-n78A | DC\_7A\_n28A  DC\_7A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_7A-8A-40A\_n1A  DC\_7A-8A-40C\_n1A | DC\_7A\_n1A  DC\_8A\_n1A  DC\_40A\_n1A |
| DC\_7A-8A-40A\_n78A  DC\_7A-8A-40C\_n78A | DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_7A-8A-40A\_n78(2A)  DC\_7A-8A-40C\_n78(2A) | DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_7A-8A\_n40A-n78A | DC\_7A\_n40A  DC\_7A\_n78A  DC\_8A\_n40A  DC\_8A\_n78A |
| DC\_7A-12A-66A\_n2A | DC\_7A\_n2A  DC\_12A\_n2A  DC\_66A\_n2A |
| DC\_7A-12A-66A\_n78A | DC\_7A\_n78A  DC\_12A\_n78A  DC\_66A\_n78A |
| DC\_7A-13A\_n25A-n66A | DC\_7A\_n25A DC\_7A\_n66A DC\_13A\_n25A DC\_13A\_n66A |
| DC\_7A-7A-13A\_n25A-n66A | DC\_7A\_n25A DC\_7A\_n66A DC\_13A\_n25A DC\_13A\_n66A |
| DC\_7C-13A\_n25A-n66A | DC\_7A\_n25A DC\_7A\_n66A DC\_13A\_n25A DC\_13A\_n66A |
| DC\_7A-13A-66A\_n66A  DC\_7C-13A-66A\_n66A | DC\_7A\_n66A  DC\_13A\_n66A  DC\_66A\_n66A4 |
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| DC\_7A-20A\_n3A-n78A | DC\_7A\_n3A  DC\_20A\_n3A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_7A-20A\_n8A-n78A | DC\_7A\_n8A  DC\_7A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A |
| DC\_7A-20A-28A\_n1A | DC\_7A\_n1A  DC\_20A\_n1A  DC\_28A\_n1A |
| DC\_7A-20A\_n28A-n78A2,3 | DC\_7A\_n28A  DC\_7A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_7A-20A-32A\_n1A | DC\_7A\_n1A  DC\_20A\_n1A |
| DC\_7A-20A-32A\_n28A | DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_7A-20A-32A\_n78A | DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_7A-25A-66A\_n77A  DC\_7A-7A-25A-66A\_n77A  DC\_7A-25A-25A-66A\_n77A  DC\_7A-7A-25A-25A-66A\_n77A  DC\_7C-25A-66A\_n77A  DC\_7C-25A-25A-66A\_n77A | DC\_7A\_n77A  DC\_25A\_n77A  DC\_66A\_n77A |
| DC\_7A-25A-66A\_n78A  DC\_7A-7A-25A-66A\_n78A  DC\_7C-25A-66A\_n78A  DC\_7A-25A-25A-66A\_n78A  DC\_7A-7A-25A-25A-66A\_n78A  DC\_7C-25A-25A-66A\_n78A | DC\_7A\_n78A  DC\_25A\_n78A  DC\_66A\_n78A |
| DC\_7A-28A\_n1A-n40A | DC\_7A\_n1A  DC\_7A\_n40A  DC\_28A\_n1A  DC\_28A\_n40A |
| DC\_7A-28A\_n1A-n78A | DC\_7A\_n1A DC\_28A\_n1A DC\_7A\_n78A DC\_28A\_n78A |
| DC\_7A-28A\_n3A-n78A | DC\_7A\_n3A  DC\_28A\_n3A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_7C-28A\_n3A-n78A | DC\_7A\_n3A  DC\_7C\_n3A  DC\_28A\_n3A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n78A |
| DC\_7A-28A\_n5A-n78A  DC\_7C-28A\_n5A-n78A | DC\_7A\_n5A  DC\_7C\_n5A DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n5A DC\_28A\_n78A |
| DC\_7A-28A\_n7A-n78A | DC\_7A\_n7A4  DC\_28A\_n7A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_7A-28A\_n40A-n78A | DC\_7A\_n40A  DC\_7A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_7A-66A\_n38A-n78A  DC\_7A-7A-66A\_n38A-n78A  DC\_7C-66A\_n38A-n78A | DC\_66A\_n38A  DC\_66A\_n78A |
| DC\_7A-28A-66A\_n7A | DC\_7A\_n7A4  DC\_78A\_n7A  DC\_66A\_n7A |
| DC\_7A-28A-66A\_n66A  DC\_7C-28A-66A\_n66A | DC\_7A\_n66A  DC\_28A\_n66A  DC\_66A\_n66A4 |
| DC\_7A-40A\_n1A-n78A | DC\_7A\_n1A  DC\_7A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_7A-40C\_n1A-n78A | DC\_7A\_n1A  DC\_7A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_7A-66A\_n25A-n66A | DC\_7A\_n25A DC\_7A\_n66A DC\_66A\_n25A |
| DC\_7A-7A-66A\_n25A-n66A | DC\_7A\_n25A DC\_7A\_n66A DC\_66A\_n25A |
| DC\_7C-66A\_n25A-n66A | DC\_7A\_n25A DC\_7A\_n66A DC\_66A\_n25A |
| DC\_7A-66A\_n66A-n78A  DC\_7A-7A-66A\_n66A-n78A  DC\_7C-66A\_n66A-n78A | DC\_7A\_n66A  DC\_7A\_n78A  DC\_66A\_n66A4  DC\_66A\_n78A |
| DC\_7A-66A-71A\_n2A | DC\_7A\_n2A  DC\_66A\_n2A  DC\_71A\_n2A |
| DC\_7A-66A-71A\_n78A | DC\_7A\_n78A  DC\_66A\_n78A  DC\_71A\_n78A |
| DC\_8A\_n3A-n28A-n77A | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_8A\_n3A-n28A-n77(2A) | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_8A\_n40A-n41A-n79A | DC\_8A\_n40A  DC\_8A\_n41A  DC\_8A\_n79A |
| DC\_8A-11A\_n3A-n28A | DC\_8A\_n3A  DC\_8A\_n28A  DC\_11A\_n3A  DC\_11A\_n28A |
| DC\_8A-11A\_n3A-n77A | DC\_8A\_n3A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_8A-11A\_n3A-n77(2A) | DC\_8A\_n3A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_8A-11A\_n28A-n77A | DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_8A-11A\_n28A-n77(2A) | DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_8A\_n39A-n40A-n41A | DC\_8A\_n39A  DC\_8A\_n40A  DC\_8A\_n41A |
| DC\_8A\_n39A-n40A-n79A | DC\_8A\_n39A  DC\_8A\_n40A DC\_8A\_n79A |
| DC\_8A-40A\_n1A-n78A | DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_8A-40C\_n1A-n78A | DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_8A-42A\_n3A-n28A | DC\_8A\_n3A  DC\_8A\_n28A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_8A-42C\_n3A-n28A | DC\_8A\_n3A  DC\_8A\_n28A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_8A-42A\_n3A-n77A | DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n77A |
| DC\_8A-42A\_n3A-n77(2A) | DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n77A |
| DC\_8A-42C\_n3A-n77A | DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n77A  DC\_42C\_n77A |
| DC\_8A-42C\_n3A-n77(2A) | DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n77A  DC\_42C\_n77A |
| DC\_8A-42A\_n28A-n77A | DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n28A |
| DC\_8A-42A\_n28A-n77(2A) | DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n28A |
| DC\_8A-42C\_n28A-n77A | DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_8A-42C\_n28A-n77(2A) | DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_12A-30A-66A\_n2A  DC\_12A-30A-66A-66A\_n2A | DC\_12A\_n2A  DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_11A\_n3A-n28A-n77A | DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_11A\_n3A-n28A-n77(2A) | DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_12A-30A-66A\_n66A | DC\_12A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_12A-48A-(n)5AA | DC\_12A\_n5A  DC\_48A\_n5A  DC\_(n)5AA4 |
| DC\_12A-48A-66A\_n5A | DC\_12A\_n5A  DC\_48A\_n5A  DC\_66A\_n5A |
| DC\_12A-66A-(n)5AA | DC\_12A\_n5A  DC\_66A\_n5A  DC\_(n)5AA4 |
| DC\_13A-48A-66A\_n77A | DC\_13A\_n77A  DC\_66A\_n77A |
| DC\_13A-66A\_n2A-n77A9 | DC\_13A\_n2A  DC\_13A\_n77A9  DC\_66A\_n2A  DC\_66A\_n77A9 |
| DC\_13A-66A\_n5A-n48A | DC\_13A\_n48A  DC\_66A\_n5A  DC\_66A\_n48A |
| DC\_13A-66A\_n66A-n77A9 | DC\_13A\_n66A  DC\_13A\_n77A9  DC\_66A\_n77A9 |
| DC\_14A-30A-66A\_n2A DC\_14A-30A-66A-66A\_n2A | DC\_14A\_n2A  DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_14A-30A-66A\_n66A | DC\_14A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_18A-41A\_n3A-n77A | DC\_18A\_n3A  DC\_18A\_n77A  DC\_41A\_n3A  DC\_41A\_n77A |
| DC\_18A-41C\_n3A-n77A | DC\_18A\_n3A  DC\_18A\_n77A  DC\_41A\_n3A  DC\_41A\_n77A  DC\_41C\_n3A  DC\_41C\_n77A |
| DC\_18A-41A\_n3A-n78A | DC\_18A\_n3A  DC\_18A\_n78A  DC\_41A\_n3A  DC\_41A\_n78A |
| DC\_18A-41C\_n3A-n78A | DC\_18A\_n3A  DC\_18A\_n78A  DC\_41A\_n3A  DC\_41A\_n78A  DC\_41C\_n3A  DC\_41C\_n78A |
| DC\_19A\_n1A-n77A-n79A | DC\_19A\_n1A  DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A\_n1A-n78A-n79A | DC\_19A\_n1A  DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_19A-21A\_n1A-n77A | DC\_19A\_n1A  DC\_19A\_n77A  DC\_21A\_n1A  DC\_21A\_n77A |
| DC\_19A-21A\_n1A-n78A | DC\_19A\_n1A  DC\_19A\_n78A  DC\_21A\_n1A  DC\_21A\_n78A |
| DC\_19A-21A\_n1A-n79A | DC\_19A\_n1A  DC\_19A\_n79A  DC\_21A\_n1A  DC\_21A\_n79A |
| DC\_19A-21A-42A\_n1A  DC\_19A-21A-42C\_n1A | DC\_19A\_n1A  DC\_21A\_n1A  DC\_42A\_n1A |
| DC\_19A-21A-42A\_n77A  DC\_19A-21A-42A\_n77C  DC\_19A-21A-42C\_n77A  DC\_19A-21A-42C\_n77C | DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_19A-21A-42A\_n78A  DC\_19A-21A-42A\_n78C  DC\_19A-21A-42C\_n78A  DC\_19A-21A-42C\_n78C | DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_19A-21A-42A\_n79A  DC\_19A-21A-42A\_n79C  DC\_19A-21A-42C\_n79A  DC\_19A-21A-42C\_n79C | DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_19A-21A\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A-21A\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_19A-42A\_n1A-n77A  DC\_19A-42C\_n1A-n77A | DC\_19A\_n1A  DC\_19A\_n77A |
| DC\_19A-42A\_n1A-n78A  DC\_19A-42C\_n1A-n78A | DC\_19A\_n1A  DC\_19A\_n78A |
| DC\_19A-42A\_n1A-n79A  DC\_19A-42C\_n1A-n79A | DC\_19A\_n1A  DC\_19A\_n79A |
| DC\_19A-42A\_n77A-n79A  DC\_19A-42C\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A-42A\_n78A-n79A  DC\_19A-42C\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_21A\_n1A-n77A-n79A | DC\_21A\_n1A  DC\_21A\_n77A  DC\_21A\_n79A |
| DC\_21A\_n1A-n78A-n79A | DC\_21A\_n1A  DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_21A-28A-42A\_n77A  DC\_21A-28A-42C\_n77A | DC\_21A\_n77A  DC\_28A\_n77A |
| DC\_21A-28A-42A\_n78A  DC\_21A-28A-42C\_n78A | DC\_21A\_n78A  DC\_28A\_n78A |
| DC\_21A-28A-42A\_n79A  DC\_21A-28A-42C\_n79A | DC\_21A\_n79A  DC\_28A\_n79A |
| DC\_21A\_n28A-n77A-n79A | DC\_21A\_n28A  DC\_21A\_n77A  DC\_21A\_n79A |
| DC\_21A\_n28A-n78A-n79A | DC\_21A\_n28A  DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_21A-42A\_n1A-n77A  DC\_21A-42C\_n1A-n77A | DC\_21A\_n1A  DC\_21A\_n77A |
| DC\_21A-42A\_n1A-n78A  DC\_21A-42C\_n1A-n78A | DC\_21A\_n1A  DC\_21A\_n78A |
| DC\_21A-42A\_n1A-n79A  DC\_21A-42C\_n1A-n79A | DC\_21A\_n1A  DC\_21A\_n79A |
| DC\_21A-42A\_n77A-n79A  DC\_21A-42C\_n77A-n79A | DC\_21A\_n77A  DC\_21A\_n79A |
| DC\_21A-42A\_n78A-n79A  DC\_21A-42C\_n78A-n79A | DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_28A-41A-42A\_n78A  DC\_28A-41C-42A\_n78A  DC\_28A-41A-42C\_n78A  DC\_28A-41C-42C\_n78A | DC\_28A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_29A-30A-66A\_n2A | DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_29A-30A-66A-66A\_n2A | DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_29A-30A-66A\_n66A | DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_42A\_n1A-n77A-n79A | N/A |
| DC\_42A\_n1A-n78A-n79A | N/A |
| DC\_42A\_n3A-n28A-n77A | DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_42A\_n3A-n28A-n77(2A) | DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_42C\_n3A-n28A-n77A | DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_42C\_n3A-n28A-n77(2A) | DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_46A-66A\_n25A-n41A  DC\_46C-66A\_n25A-n41A  DC\_46D-66A\_n25A-n41A | DC\_66A\_n25A  DC\_66A\_n41A |
| DC\_46A-66A\_n25A-n71A  DC\_46C-66A\_n25A-n71A  DC\_46D-66A\_n25A-n71A | DC\_66A\_n25A  DC\_66A\_n71A |
| DC\_46A-66A\_n41A-n71A  DC\_46C-66A\_n41A-n71A  DC\_46D-66A\_n41A-n71A | DC\_66A\_n41A  DC\_66A\_n71A |
| DC\_46A-66A\_n41(2A)-n71A  DC\_46C-66A\_n41(2A)-n71A  DC\_46D-66A\_n41(2A)-n71A | DC\_66A\_n41A  DC\_66A\_n71A |
| DC\_48A-66A\_n25A-n48A | DC\_48A\_n25A  DC\_66A\_n25A  DC\_66A\_n48A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability  NOTE 3: The frequency range in band n28 is restricted for this band combination to 703-733 MHz for the UL and 758-788 MHz for the DL.  NOTE 4: Only single switched UL is supported.  NOTE 5: UL carrier shall be supported in Band 2 or band 66 only. Power imbalance between downlink carriers on Band 7 and Band 38 is assumed to be within 6dB.  NOTE 6: The combination is not used alone as fall back mode of other band combinations in which UL in Band 42 is not used.  NOTE 7: For UEs not indicating interBandMRDC-WithOverlapDL-Bands-r16, the minimum requirements for intra-band contiguous or non-contiguous EN-DC apply for the Band 42 and Band n77/n78 combination and for the Band 2 and Band n25 combinations.  NOTE 8: For UEs not indicating interBandMRDC-WithOverlapDL-Bands-r16, the minimum requirements for inter-band EN-DC apply for the Band 42 and Band n77/n78 combination when the maximum power spectral density imbalance between downlink carriers contained in overlapping or partially overlapping DL bands is within 6 dB.  NOTE 9: PC3 or PC2 Uplink EN-DC configuration is applicable to EN-DC configurations.  NOTE 10: Band 7 and Band 38 are restricted as DL Scell. Power imbalance between downlink carriers on Band 7 and Band 38 is assumed to be within 6dB. | |

#### 5.5B.4.4 Inter-band EN-DC configurations within FR1 (five bands)

Table 5.5B.4.4-1: Inter-band EN-DC configurations within FR1 (five bands)

| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) |
| --- | --- |
| DC\_1A-3A-5A-7A\_n78A  DC\_1A-3A-5A-7A-7A\_n78A  DC\_1A-3C-5A-7A\_n78A  DC\_1A-1A-3A-5A-7A\_n78A  DC\_1A-3A-5A-7A\_n78C  DC\_1A-3A-5A-7A-7A\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-5A-41A\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_5A\_n79A  DC\_41A\_n79A |
| DC\_1A-3A-7A\_n3A-n78A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_7A\_n3A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-7C\_n3A-n78A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_7A\_n3A  DC\_7C\_n3A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-3A-7A\_n5A-n78A  DC\_1A-3C-7A\_n5A-n78A  DC\_1A-3A-7C\_n5A-n78A  DC\_1A-3C-7C\_n5A-n78A | DC\_1A\_n5A  DC\_1A\_n78A  DC\_3A\_n5A  DC\_3C\_n5A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-3A-7A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_7A\_n7A4  DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_1A-3C-7A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4  DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-7A-8A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_7A\_n28A  DC\_8A\_n28A |
| DC\_1A-3A-7A-8A\_n78A  DC\_1A-3A-7A-8A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_1A-3A-7A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_1A-3A-7A-20A\_n8A | DC\_1A\_n8A  DC\_3A\_n8A  DC\_7A\_n8A  DC\_20A\_n8A |
| DC\_1A-3A-7A-20A\_n28A3 | DC\_1A\_n28A  DC\_3A\_n28A  DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_1A-3A-7A-20A\_n78A2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-7A-28A\_n3A  DC\_1A-3A-7C-28A\_n3A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_7A\_n3A  DC\_7C\_n3A  DC\_28A\_n3A |
| DC\_1A-3A-7A-28A\_n5A  DC\_1A-3C-7A-28A\_n5A  DC\_1A-3A-7C-28A\_n5A  DC\_1A-3C-7C-28A\_n5A | DC\_1A\_n5A  DC\_3A\_n5A  DC\_3C\_n5A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_28A\_n5A |
| DC\_1A-3A-7A-28A\_n7A  DC\_1A-3C-7A-28A\_n7A  DC\_1A-1A-3A-7A-28A\_n7A  DC\_1A-1A-3A-3A-7A-28A\_n7A  DC\_1A-3A-3A-7A-28A\_n7A  DC\_1A-1A-3C-7A-28A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_1A-3A-7A-28A\_n40A | DC\_1A\_n40A  DC\_3A\_n40A  DC\_7A\_n40A  DC\_28A\_n40A |
| DC\_1A-3A-7A-28A\_n78A  DC\_1A-3A-7C-28A\_n78A  DC\_1A-3C-7A-28A\_n78A  DC\_1A-3C-7C-28A\_n78A  DC\_1A-1A-3A-7A-28A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-7A\_n28A-n78A2  DC\_1A-3A-7C\_n28A-n78A  DC\_1A-3C-7A\_n28A-n78A  DC\_1A-3C-7C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3C\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_7C\_n28A  DC\_7C\_n78A |
| DC\_1A-3A-7A-38A\_n28A7  DC\_1A-3C-7A-38A\_n28A7 | DC\_1A\_n28A  DC\_3A\_n28A |
| DC\_1A-3A-7A-40A\_n78A  DC\_1A-3A-7A-40A\_n78(2A)  DC\_1A-3A-7A-40C\_n78A  DC\_1A-3A-7A-40C\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-8A-40A\_n78A  DC\_1A-3A-8A-40A\_n78(2A)  DC\_1A-3A-8A-40C\_n78A  DC\_1A-3A-8A-40C\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-7A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_3A\_n40A  DC\_3A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A |
| DC\_1A-3A-8A-11A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_8A\_n28A  DC\_11A\_n28A |
| DC\_1A-3A-8A-11A\_n77A  DC\_1A-3A-8A-11A\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_1A-3A-8A-42A\_n77A  DC\_1A-3A-8A-42C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_8A\_n77A |
| DC\_1A-3A-8A\_n28A-n77A  DC\_1A-3A-8A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_1A-3A-8A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_1A-3A-11A\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-3A-11A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-3A-18A\_n3A-n41A | DC\_1A\_n3A  DC\_1A\_n41A  DC\_3A\_n3A  DC\_3A\_n41A  DC\_18A\_n3A  DC\_18A\_n41A |
| DC\_1A-3A-18A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_3A\_n3A1  DC\_3A\_n77A  DC\_18A\_n3A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_3A\_n3A1  DC\_3A\_n78A  DC\_18A\_n3A  DC\_18A\_n78A |
| DC\_1A-3A-18A\_n28A-n41A | DC\_1A\_n28A  DC\_1A\_n41A  DC\_3A\_n28A  DC\_3A\_n41A  DC\_18A\_n28A  DC\_18A\_n41A |
| DC\_1A-3A-18A\_n28A-n77A  DC\_1A-3A-18A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A1  DC\_3A\_n77A  DC\_18A\_n28A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n28A-n78A  DC\_1A-3A-18A\_n28A-n78(2A) | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A1  DC\_3A\_n78A  DC\_18A\_n28A  DC\_18A\_n78A |
| DC\_1A-3A-18A\_n41A-n77A | DC\_1A\_n41A  DC\_1A\_n77A  DC\_3A\_n41A  DC\_3A\_n77A  DC\_18A\_n41A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n41A-n77(2A) | DC\_1A\_n41A  DC\_1A\_n77A  DC\_3A\_n41A  DC\_3A\_n77A  DC\_18A\_n41A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n41A-n78A | DC\_1A\_n41A  DC\_1A\_n78A  DC\_3A\_n41A  DC\_3A\_n78A  DC\_18A\_n41A  DC\_18A\_n78A |
| DC\_1A-3A-18A\_n41A-n78(2A) | DC\_1A\_n41A  DC\_1A\_n78A  DC\_3A\_n41A  DC\_3A\_n78A  DC\_18A\_n41A  DC\_18A\_n78A |
| DC\_1A-3A-18A-42A\_n77A  DC\_1A-3A-18A-42C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_1A-3A-18A-42A\_n78A  DC\_1A-3A-18A-42C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_18A\_n78A |
| DC\_1A-3A-18A-42A\_n79A  DC\_1A-3A-18A-42C\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_18A\_n79A |
| DC\_1A-3A-19A-21A\_n77A2  DC\_1A-3A-19A-21A\_n77C2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_1A-3A-19A-21A\_n78A2  DC\_1A-3A-19A-21A\_n78C2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_1A-3A-19A-21A\_n79A2  DC\_1A-3A-19A-21A\_n79C2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_1A-3A-19A-42A\_n77A  DC\_1A-3A-19A-42A\_n77C  DC\_1A-3A-19A-42C\_n77A  DC\_1A-3A-19A-42C\_n77C | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_1A-3A-19A-42A\_n78A  DC\_1A-3A-19A-42A\_n78C  DC\_1A-3A-19A-42C\_n78A  DC\_1A-3A-19A-42C\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A |
| DC\_1A-3A-19A-42A\_n79A  DC\_1A-3A-19A-42A\_n79C  DC\_1A-3A-19A-42C\_n79A  DC\_1A-3A-19A-42C\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A |
| DC\_1A-3A-20A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_20A\_n7A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-20A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_3A\_n8A  DC\_3A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A |
| DC\_1A-3A-20A\_n28A-n78A2,3 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_1A-3A-20A-38A\_n78A | DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-20A\_n38A-n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A  DC\_1A\_n38A  DC\_3A\_n38A  DC\_20A\_n38A |
| DC\_1A-3A-20A-40A\_n78A  DC\_1A-3A-20A-40C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-20A\_n41A-n78A | DC\_1A\_n41A  DC\_1A\_n78A  DC\_3A\_n41A  DC\_3A\_n78A  DC\_20A\_n41A  DC\_20A\_n78A |
| DC\_1A-3A-21A-42A\_n77A  DC\_1A-3A-21A-42A\_n77C  DC\_1A-3A-21A-42C\_n77A  DC\_1A-3A-21A-42C\_n77C | DC\_1A\_n77A  DC\_3A\_n77A  DC\_21A\_n77A |
| DC\_1A-3A-21A-42A\_n78A  DC\_1A-3A-21A-42A\_n78C  DC\_1A-3A-21A-42C\_n78A  DC\_1A-3A-21A-42C\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_21A\_n78A |
| DC\_1A-3A-21A-42A\_n79A  DC\_1A-3A-21A-42A\_n79C  DC\_1A-3A-21A-42C\_n79A  DC\_1A-3A-21A-42C\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_21A\_n79A |
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| DC\_1A-3A-21A\_n78A-n79A | DC\_3A\_n78A  DC\_3A\_n79A |
| DC\_1A-3A-28A\_n3A-n78A | DC\_1A\_n3A DC\_3A\_n3A4 DC\_28A\_n3A DC\_1A\_n78A DC\_3A\_n78A DC\_28A\_n78A |
| DC\_1A-3A-28A\_n5A-n78A2  DC\_1A-3C-28A\_n5A-n78A2 | DC\_1A\_n5A  DC\_1A\_n78A  DC\_3A\_n5A  DC\_3C\_n5A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_1A-3A-28A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_28A\_n7A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-28A\_n7B-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_28A\_n7A  DC\_1A\_n7B  DC\_3A\_n7B  DC\_28A\_n7B  DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_1A-3C-28A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n78A |
| DC\_1A-3C-28A\_n7B-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A  DC\_1A\_n7B  DC\_3A\_n7B  DC\_3C\_n7B  DC\_28A\_n7B  DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-28A-40A\_n78A  DC\_1A-3A-28A-40C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-28A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_3A\_n40A  DC\_3A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
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| DC\_1A-3A-28A-42A\_n79A  DC\_1A-3A-28A-42A\_n79C  DC\_1A-3A-28A-42C\_n79A  DC\_1A-3A-28A-42C\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_28A\_n79A |
| DC\_1A-3A\_n28A-n77A-n79A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_1A\_n79A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_3A\_n79A |
| DC\_1A-3A\_n28A-n78A-n79A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_1A\_n79A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_3A\_n79A |
| DC\_1A-3A-41A\_n3A-n41A | DC\_1A\_n3A  DC\_1A\_n41A  DC\_3A\_n3A1  DC\_3A\_n41A  DC\_41A\_n3A |
| DC\_1A-3A-41A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_3A\_n3A1  DC\_3A\_n77A  DC\_41A\_n3A  DC\_41A\_n77A |
| DC\_1A-3A-41C\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_3A\_n3A1  DC\_3A\_n77A  DC\_41A\_n3A  DC\_41A\_n77A  DC\_41C\_n3A  DC\_41C\_n77A |
| DC\_1A-3A-41A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_3A\_n3A1  DC\_3A\_n78A  DC\_41A\_n3A  DC\_41A\_n78A |
| DC\_1A-3A-41C\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_3A\_n3A1  DC\_3A\_n78A  DC\_41A\_n3A  DC\_41A\_n78A  DC\_41C\_n3A  DC\_41C\_n78A |
| DC\_1A-3A-41A\_n28A-n41A | DC\_1A\_n28A  DC\_1A\_n41A  DC\_3A\_n28A  DC\_3A\_n41A  DC\_41A\_n28A |
| DC\_1A-3A-41A\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_41A\_n28A  DC\_41A\_n77A |
| DC\_1A-3A-41C\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_41A\_n28A  DC\_41A\_n77A  DC\_41C\_n28A  DC\_41C\_n77A |
| DC\_1A-3A-41A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_41A\_n28A  DC\_41A\_n78A |
| DC\_1A-3A-41C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_41A\_n28A  DC\_41A\_n78A  DC\_41C\_n28A  DC\_41C\_n78A |
| DC\_1A-3A-41A\_n41A-n77A | DC\_1A\_n41A  DC\_1A\_n77A  DC\_3A\_n41A  DC\_3A\_n77A  DC\_41A\_n77A |
| DC\_1A-3A-41A\_n41A-n78A | DC\_1A\_n41A  DC\_1A\_n78A  DC\_3A\_n41A  DC\_3A\_n78A  DC\_41A\_n78A |
| DC\_1A-3A-41A-42A\_n77A  DC\_1A-3A-41A-42A\_n77(2A)  DC\_1A-3A-41A-42C\_n77A  DC\_1A-3A-41A-42C\_n77(2A)  DC\_1A-3A-41C-42A\_n77A  DC\_1A-3A-41C-42C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_41A\_n77A |
| DC\_1A-3A-41A-42A\_n78A  DC\_1A-3A-41A-42C\_n78A  DC\_1A-3A-41C-42A\_n78A  DC\_1A-3A-41C-42C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_41A\_n78A |
| DC\_1A-3A-41A-42A\_n79A  DC\_1A-3A-41A-42C\_n79A  DC\_1A-3A-41C-42A\_n79A  DC\_1A-3A-41C-42C\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_41A\_n79A |
| DC\_1A-3A-42A\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_42A\_n28A |
| DC\_1A-3A-42A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_42A\_n28A |
| DC\_1A-3A-42C\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-3A-42C\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-7A-8A-20A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A |
| DC\_1A-7A-8A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_1A-7A-8A-40A\_n78A  DC\_1A-7A-8A-40A\_n78(2A)  DC\_1A-7A-8A-40C\_n78A  DC\_1A-7A-8A-40C\_n78(2A) | DC\_1A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_1A-7A-20A\_n3A-n78A | DC\_1A\_n3A |
| DC\_1A-7A-20A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A |
| DC\_1A-7A-20A\_n28A-n78A2,3 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_1A-7A-20A-32A\_n28A | DC\_1A\_n28A  DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_1A-7A-20A-32A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-7A-28A\_n3A-n78A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_28A\_n3A  DC\_1A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_1A-7A-28A\_n5A-n78A  DC\_1A-7C-28A\_n5A-n78A | DC\_1A\_n5A  DC\_1A\_n78A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_1A-7A-28A\_n7A-n78A | DC\_1A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A  DC\_1A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_1A-7A-28A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_1A-8A\_n3A-n28A-n77A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_1A-8A\_n3A-n28A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_1A-8A-11A\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_11A\_n3A  DC\_11A\_n28A |
| DC\_1A-8A-11A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n3A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-8A-42A\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_1A-8A-42C\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-8A-42A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A |
| DC\_1A-8A-42A\_n3A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A |
| DC\_1A-8A-42C\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_1A-8A-42C\_n3A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_1A-8A-42A\_n28A-n77A  DC\_1A-8A-42A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n28A |
| DC\_1A-8A-42C\_n28A-n77A  DC\_1A-8A-42C\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-11A\_n3A-n28A-n77A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-11A\_n3A-n28A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-19A-21A-42A\_n77A  DC\_1A-19A-21A-42A\_n77C  DC\_1A-19A-21A-42C\_n77A  DC\_1A-19A-21A-42C\_n77C | DC\_1A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_1A-19A-21A-42A\_n78A  DC\_1A-19A-21A-42A\_n78C  DC\_1A-19A-21A-42C\_n78A  DC\_1A-19A-21A-42C\_n78C | DC\_1A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_1A-19A-21A-42A\_n79A  DC\_1A-19A-21A-42A\_n79C  DC\_1A-19A-21A-42C\_n79A  DC\_1A-19A-21A-42C\_n79C | DC\_1A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_1A-19A-42A\_n77A-n79A  DC\_1A-19A-42C\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_1A-19A-42A\_n78A-n79A  DC\_1A-19A-42C\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_1A-20A-38A\_n3A-n78A | DC\_1A\_n3A  DC\_20A\_n3A  DC\_38A\_n3A  DC\_1A\_n78A  DC\_20A\_n78A  DC\_38A\_n78A |
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| DC\_1A-21A-28A-42A\_n79A  DC\_1A-21A-28A-42C\_n79A | DC\_1A\_n79A  DC\_21A\_n79A  DC\_28A\_n79A |
| DC\_1A-21A\_n28A-n77A-n79A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_1A\_n79A  DC\_21A\_n28A  DC\_21A\_n77A  DC\_21A\_n79A |
| DC\_1A-21A\_n28A-n78A-n79A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_1A\_n79A  DC\_21A\_n28A  DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_1A-21A-42A\_n77A-n79A  DC\_1A-21A-42C\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A-21A-42A\_n78A-n79A  DC\_1A-21A-42C\_n78A-n79A | DC\_1A\_n78A  DC\_1A\_n79A |
| DC\_1A-42A\_n3A-n28A-n77A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_1A-42A\_n3A-n28A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_1A-42C\_n3A-n28A-n77A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-42C\_n3A-n28A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_2A-5A-7A-66A\_n2A | DC\_5A\_n2A  DC\_7A\_n2A  DC\_66A\_n2A |
| DC\_2A-5A-7A-66A\_n7A  DC\_2A-5A-7A-66A-66A\_n7A | DC\_2A\_n7A  DC\_5A\_n7A  DC\_7A\_n7A4  DC\_66A\_n7A |
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| DC\_2A-5A-30A-66A\_n2A | DC\_2A\_n2A4  DC\_5A\_n2A  DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_2A-5A-30A-66A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
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| DC\_2A-7A-12A-66A\_n78A  DC\_2A-2A-7A-12A-66A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_12A\_n78A  DC\_66A\_n78A |
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| DC\_2A-7A-7A-13A\_n25A-n66A5,6 | DC\_2A\_n66A DC\_7A\_n25A DC\_7A\_n66A DC\_13A\_n25A DC\_13A\_n66A |
| DC\_2A-7C-13A\_n25A-n66A5,6 | DC\_2A\_n66A DC\_7A\_n25A DC\_7A\_n66A DC\_13A\_n25A DC\_13A\_n66A |
| DC\_2A-7A-13A-66A\_n66A  DC\_2A-7A-7A-13A-66A\_n66A  DC\_2A-7C-13A-66A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_13A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-7A-28A-66A\_n7A | DC\_2A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A  DC\_66A\_n7A |
| DC\_2A-7A-28A-66A\_n66A  DC\_2A-7C-28A-66A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_28A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-7A-66A\_n25A-n66A5,6 | DC\_2A\_n66A DC\_7A\_n25A DC\_7A\_n66A DC\_66A\_n25A |
| DC\_2A-7A-7A-66A\_n25A-n66A5,6 | DC\_2A\_n66A DC\_7A\_n25A DC\_7A\_n66A DC\_66A\_n25A |
| DC\_2A-7C-66A\_n25A-n66A5,6 | DC\_2A\_n66A DC\_7A\_n25A DC\_7A\_n66A DC\_66A\_n25A |
| DC\_2A-7A-66A\_n66A-n78A  DC\_2A-7A-7A-66A\_n66A-n78A  DC\_2A-7C-66A\_n66A-n78A | DC\_2A\_n66A  DC\_2A\_n78A  DC\_7A\_n66A  DC\_7A\_n78A  DC\_66A\_n66A4  DC\_66A\_n78A |
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| DC\_2A-12A-30A-66A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
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| DC\_2A-14A-30A-66A\_n66A | DC\_2A\_n66A  DC\_14A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
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| DC\_3A-7A-8A\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_3A-7A-8A-40A\_n1A  DC\_3A-7A-8A-40C\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_8A\_n1A  DC\_40A\_n1A |
| DC\_3A-7A-8A-40A\_n78A  DC\_3A-7A-8A-40A\_n78(2A)  DC\_3A-7A-8A-40C\_n78A  DC\_3A-7A-8A-40C\_n78(2A) | DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_3A-7A-8A\_n40A-n78A | DC\_3A\_n40A  DC\_3A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A  DC\_8A\_n40A  DC\_8A\_n78A |
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| DC\_3C-7A-20A\_n1A-n78A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_20A\_n1A  DC\_20A\_n78A |
| DC\_3A-7A-20A\_n8A-n78A | DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A |
| DC\_3A-7A-20A-28A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_20A\_n1A  DC\_28A\_n1A |
| DC\_3A-7A-20A\_n28A-n78A2,3  DC\_3C-7A-20A\_n28A-n78A2,3 | DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n28A  DC\_3C\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_3A-7A-20A-32A\_n78A | DC\_3A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_3A-7A-28A\_n1A-n40A | DC\_3A\_n1A  DC\_3A\_n40A  DC\_7A\_n1A  DC\_7A\_n40A  DC\_28A\_n1A  DC\_28A\_n40A |
| DC\_3A-7A-28A\_n1A-n78A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_28A\_n1A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_3A-7A-28A\_n3A-n78A | DC\_3A\_n3A4 DC\_7A\_n3A DC\_28A\_n3A DC\_3A\_n78A DC\_7A\_n78A DC\_28A\_n78A |
| DC\_3A-7C-28A\_n3A-n78A | DC\_3A\_n3A4 DC\_7A\_n3A DC\_7C\_n3A DC\_28A\_n3A DC\_3A\_n78A DC\_7A\_n78A  DC\_7C\_n78A DC\_28A\_n78A |
| DC\_3A-7A-28A\_n5A-n78A  DC\_3C-7A-28A\_n5A-n78A  DC\_3A-7C-28A\_n5A-n78A  DC\_3C-7C-28A\_n5A-n78A | DC\_3A\_n5A  DC\_3C\_n5A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_3A-7A-28A\_n7A-n78A | DC\_3A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_3C-7A-28A\_n7A-n78A | DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_3A-7A-28A\_n40A-n78A | DC\_3A\_n40A  DC\_3A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_3A-7A-40A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_3A-7A-40C\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_3A-8A-11A\_n28A-n77A | DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_3A-8A-11A\_n28A-n77(2A) | DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_3A-8A-40A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
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| DC\_3A-19A-42A\_n1A-n77A  DC\_3A-19A-42C\_n1A-n77A | DC\_3A\_n1A  DC\_3A\_n77A  DC\_19A\_n1A  DC\_19A\_n77A |
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| DC\_3A-19A-42A\_n1A-n79A  DC\_3A-19A-42C\_n1A-n79A | DC\_3A\_n1A  DC\_3A\_n79A  DC\_19A\_n1A  DC\_19A\_n79A |
| DC\_3A-21A\_n1A-n77A-n79A | DC\_3A\_n1A  DC\_3A\_n77A  DC\_3A\_n79A  DC\_21A\_n1A  DC\_21A\_n77A  DC\_21A\_n79A |
| DC\_3A-21A\_n1A-n78A-n79A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n79A  DC\_21A\_n1A  DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_3A-21A\_n28A-n77A-n79A | DC\_3A\_n28A  DC\_3A\_n77A  DC\_3A\_n79A  DC\_21A\_n28A  DC\_21A\_n77A  DC\_21A\_n79A |
| DC\_3A-21A\_n28A-n78A-n79A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_3A\_n79A  DC\_21A\_n28A  DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_3A-21A-42A\_n1A-n77A  DC\_3A-21A-42C\_n1A-n77A | DC\_3A\_n1A  DC\_3A\_n77A  DC\_21A\_n1A  DC\_21A\_n77A |
| DC\_3A-21A-42A\_n1A-n78A  DC\_3A-21A-42C\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_21A\_n1A  DC\_21A\_n78A |
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| DC\_7A-8A-40C\_n1A-n78A | DC\_7A\_n1A  DC\_7A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_8A-11A\_n3A-n28A-n77A | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_8A-11A\_n3A-n28A-n77(2A) | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_8A-42A\_n3A-n28A-n77A | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_8A-42A\_n3A-n28A-n77(2A) | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_8A-42C\_n3A-n28A-n77A | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_8A-42C\_n3A-n28A-n77(2A) | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
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| DC\_19A-21A-42A\_n78A-n79A  DC\_19A-21A-42C\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_19A-42A\_n1A-n77A-n79A | DC\_19A\_n1A  DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A-42A\_n1A-n78A-n79A | DC\_19A\_n1A  DC\_19A\_n78A  DC\_19A\_n79A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability  NOTE 3: The frequency range in band n28 is restricted for this band combination to 703-733 MHz for the UL and 758-788 MHz for the DL  NOTE 4: Only single switched UL is supported  NOTE 5: For UEs not indicating interBandMRDC-WithOverlapDL-Bands-r16, the minimum requirements for intra-band contiguous or non-contiguous EN-DC apply for the Band 42 and Band n77/n78 combination and for the Band 2 and Band n25 combinations.  NOTE 6: For UEs not indicating interBandMRDC-WithOverlapDL-Bands-r16, the minimum requirements for inter-band EN-DC apply for the Band 42 and Band n77/n78 combination when the maximum power spectral density imbalance between downlink carriers contained in overlapping or partially overlapping DL bands is within 6 dB.  NOTE 7: Band 7 and Band 38 are restricted as DL Scell. Power imbalance between downlink carriers on Band 7 and Band 38 is assumed to be within 6dB. | |

#### 5.5B.4.5 Inter-band EN-DC configurations within FR1 (six bands)

Table 5.5B.4.5-1: Inter-band EN-DC configurations within FR1 (six bands)

|  |  |
| --- | --- |
| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) |
| DC\_1A-3A-7A-8A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_1A-3A-7A-8A-40A\_n78A  DC\_1A-3A-7A-8A-40A\_n78(2A)  DC\_1A-3A-7A-8A-40C\_n78A  DC\_1A-3A-7A-8A-40C\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-7A-20A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A |
| DC\_1A-3A-7A-20A\_n28A-n78A2,3 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_1A-3A-7A-28A\_n3A-n78A | DC\_1A\_n3A DC\_3A\_n3A4 DC\_7A\_n3A DC\_28A\_n3A DC\_1A\_n78A DC\_3A\_n78A DC\_7A\_n78A DC\_28A\_n78A |
| DC\_1A-3A-7C-28A\_n3A-n78A | DC\_1A\_n3A DC\_3A\_n3A4 DC\_7A\_n3ADC\_7C\_n3A DC\_28A\_n3A DC\_1A\_n78A DC\_3A\_n78A DC\_7A\_n78A  DC\_7C\_n78A DC\_28A\_n78A |
| DC\_1A-3A-7A-28A\_n5A-n78A  DC\_1A-3A-7C-28A\_n5A-n78A  DC\_1A-3C-7A-28A\_n5A-n78A  DC\_1A-3C-7C-28A\_n5A-n78A | DC\_1A\_n5A  DC\_1A\_n78A  DC\_3A\_n5A  DC\_3C\_n5A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_1A-3A-7A-28A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_1A-3C-7A-28A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-7A-28A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_3A\_n40A  DC\_3A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_1A-3A-8A-11A\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-3A-8A-11A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n3A-n28A-n77A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n3A-n28A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-8A-42A\_n3A-n28A-n77A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_1A-8A-42A\_n3A-n28A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_1A-8A-42C\_n3A-n28A-n77A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-8A-42C\_n3A-n28A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_3A-7A-8A-40A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_3A-7A-8A-40C\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability.  NOTE 3: The frequency range in band n28 is restricted for this band combination to 703-733 MHz for the UL and 758-788 MHz for the DL.  NOTE 4: Only single switched UL is supported. | |

## **<<Unchanged parts skipped>>**

#### 5.5B.6.2 Inter-band EN-DC configurations including FR1 and FR2 (three bands)

Table 5.5B.6.2-1: Inter-band EN-DC configurations including FR1 and FR2 (three bands)

| EN-DC configuration | Uplink EN-DC configuration (NOTE 1) |
| --- | --- |
| DC\_1A\_n3A-n257A2  DC\_1A\_n3A-n257G2  DC\_1A\_n3A-n257H2  DC\_1A\_n3A-n257I2 | DC\_1A\_n3A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I |
| DC\_1A\_n28A-n257A2  DC\_1A\_n28A-n257G2  DC\_1A\_n28A-n257H2  DC\_1A\_n28A-n257I2 | DC\_1A\_n28A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I |
| DC\_1A\_n77A-n257A2  DC\_1A\_n77A-n257D2  DC\_1A\_n77A-n257E2  DC\_1A\_n77A-n257F2  DC\_1A\_n77A-n257G2  DC\_1A\_n77A-n257H2  DC\_1A\_n77A-n257I2  DC\_1A\_n77C-n257A2  DC\_1A\_n77C-n257D2  DC\_1A\_n77C-n257E2  DC\_1A\_n77C-n257F2 | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n77A-n257A  DC\_1A\_n77A-n257G  DC\_1A\_n77A-n257H  DC\_1A\_n77A-n257I |
| DC\_1A\_n77(2A)-n257A2  DC\_1A\_n77(2A)-n257D2  DC\_1A\_n77(2A)-n257G2  DC\_1A\_n77(2A)-n257H2  DC\_1A\_n77(2A)-n257I2 | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I |
| DC\_1A\_n77A-n258A | DC\_1A\_n77A  DC\_1A\_n258A |
| DC\_1A\_n78A-n257A2  DC\_1A\_n78A-n257D2  DC\_1A\_n78A-n257E2  DC\_1A\_n78A-n257F2  DC\_1A\_n78C-n257A2  DC\_1A\_n78C-n257D2  DC\_1A\_n78C-n257E2  DC\_1A\_n78C-n257F2 | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n78A-n257A |
| DC\_1A\_n78A-n257G2  DC\_1A\_n78A-n257H2  DC\_1A\_n78A-n257I2  DC\_1A\_n78A-n257J2  DC\_1A\_n78A-n257K2  DC\_1A\_n78A-n257L2  DC\_1A\_n78A-n257M2 | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I |
| DC\_1A\_n78A-n258A | DC\_1A\_n78A  DC\_1A\_n258A |
| DC\_1A\_n79A-n257A2  DC\_1A\_n79A-n257D2  DC\_1A\_n79A-n257E2  DC\_1A\_n79A-n257F2  DC\_1A\_n79A-n257G2  DC\_1A\_n79A-n257H2  DC\_1A\_n79A-n257I2  DC\_1A\_n79C-n257A2  DC\_1A\_n79C-n257D2  DC\_1A\_n79C-n257E2  DC\_1A\_n79C-n257F2  DC\_1A\_n79A-n257G2  DC\_1A\_n79A-n257H2  DC\_1A\_n79A-n257I2 | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n79A-n257A  DC\_1A\_n79A-n257G  DC\_1A\_n79A-n257H  DC\_1A\_n79A-n257I |
| DC\_1A\_n79A-n258A | DC\_1A\_n79A  DC\_1A\_n258A |
| DC\_2A\_n12A-n258A | DC\_2A\_n258A  DC\_2A\_n12A |
| DC\_2A\_n12A-n260A | DC\_2A\_n260A  DC\_2A\_n12A |
| DC\_2A\_n12A-n261A | DC\_2A\_n261A  DC\_2A\_n12A |
| DC\_2A\_n41A-n260A  DC\_2A\_n41A-n260(2A)  DC\_2A\_n41A-n260(3A)  DC\_2A\_n41A-n260(4A) | DC\_2A\_n41A |
| DC\_2A\_n41A-n261A  DC\_2A\_n41A-n261(2A) | DC\_2A\_n41A |
| DC\_2A\_n71A-n261A  DC\_2A\_n71A-n261(2A) | DC\_2A\_n261A  DC\_2A\_n71A |
| DC\_3A\_n1A-n257A2  DC\_3A-3A\_n1A-n257A2  DC\_3A\_n1A-n257D  DC\_3A\_n1A-n257E  DC\_3A\_n1A-n257F  DC\_3A\_n1A-n257G  DC\_3A\_n1A-n257H  DC\_3A\_n1A-n257I  DC\_3A\_n1A-n257J  DC\_3A\_n1A-n257K  DC\_3A\_n1A-n257L  DC\_3A\_n1A-n257M | DC\_3A\_n1A  DC\_3A\_n257A |
| DC\_3A-3A\_n1A-n257D  DC\_3A-3A\_n1A-n257E  DC\_3A-3A\_n1A-n257F  DC\_3A-3A\_n1A-n257G  DC\_3A-3A\_n1A-n257H  DC\_3A-3A\_n1A-n257I  DC\_3A-3A\_n1A-n257J  DC\_3A-3A\_n1A-n257K  DC\_3A-3A\_n1A-n257L  DC\_3A-3A\_n1A-n257M | DC\_3A\_n1A  DC\_3A\_n257A |
| DC\_3A\_n40A-n258A | DC\_3A\_n40A  DC\_3A\_n258A |
| DC\_3A\_n28A-n257A2  DC\_3A\_n28A-n257G2  DC\_3A\_n28A-n257H2  DC\_3A\_n28A-n257I2 | DC\_3A\_n28A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I |
| DC\_3A\_n40A-n258A | DC\_3A\_n40A  DC\_3A\_n258A |
| DC\_3A\_n77A-n257A2  DC\_3A\_n77A-n257D2  DC\_3A\_n77A-n257E2  DC\_3A\_n77A-n257F2  DC\_3A\_n77A-n257G2  DC\_3A\_n77A-n257H2  DC\_3A\_n77A-n257I2  DC\_3A\_n77C-n257A2  DC\_3A\_n77C-n257D2  DC\_3A\_n77C-n257E2  DC\_3A\_n77C-n257F2 | DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n77A-n257A  DC\_3A\_n77A-n257G  DC\_3A\_n77A-n257H  DC\_3A\_n77A-n257I |
| DC\_3A\_n77(2A)-n257A2  DC\_3A\_n77(2A)-n257D2  DC\_3A\_n77(2A)-n257G2  DC\_3A\_n77(2A)-n257H2  DC\_3A\_n77(2A)-n257I2 | DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I |
| DC\_3A\_n77A-n258A | DC\_3A\_n77A  DC\_3A\_n258A  DC\_3A\_n77A-n258A |
| DC\_3A\_n78A-n257A2  DC\_3A\_n78A-n257D2  DC\_3A\_n78A-n257E2  DC\_3A\_n78A-n257F2  DC\_3A\_n78A-n257G2  DC\_3A\_n78A-n257H2  DC\_3A\_n78A-n257I2  DC\_3A\_n78A-n257J2  DC\_3A\_n78A-n257K2  DC\_3A\_n78A-n257L2  DC\_3A\_n78A-n257M2  DC\_3A\_n78C-n257A2  DC\_3A\_n78C-n257D2  DC\_3A\_n78C-n257E2  DC\_3A\_n78C-n257F2 | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I |
| DC\_3C\_n78A-n257A2  DC\_3C\_n78A-n257D2  DC\_3C\_n78A-n257E2  DC\_3C\_n78A-n257F2  DC\_3C\_n78A-n257G2  DC\_3C\_n78A-n257H2  DC\_3C\_n78A-n257I2  DC\_3C\_n78A-n257J2  DC\_3C\_n78A-n257K2  DC\_3C\_n78A-n257L2  DC\_3C\_n78A-n257M2 | DC\_3A\_n78A  DC\_3A\_n257A |
| DC\_3A\_n78A-n258A | DC\_3A\_n78A  DC\_3A\_n258A |
| DC\_3A-3A\_n78A-n257A2  DC\_3A-3A\_n78A-n257D2  DC\_3A-3A\_n78A-n257E2  DC\_3A-3A\_n78A-n257F2  DC\_3A-3A\_n78A-n257G2  DC\_3A-3A\_n78A-n257H2  DC\_3A-3A\_n78A-n257I2  DC\_3A-3A\_n78A-n257J2  DC\_3A-3A\_n78A-n257K2  DC\_3A-3A\_n78A-n257L2  DC\_3A-3A\_n78A-n257M2 | DC\_3A\_n78A  DC\_3A\_n257A |
| DC\_3A\_n78A-n258A  DC\_3A\_n78A-n258G  DC\_3A\_n78A-n258H  DC\_3A\_n78A-n258I  DC\_3A\_n78A-n258J  DC\_3A\_n78A-n258K  DC\_3A\_n78A-n258L  DC\_3A\_n78A-n258M | DC\_3A\_n78A  DC\_3A\_n258A |
| DC\_3A\_n79A-n257A2  DC\_3A\_n79A-n257D2  DC\_3A\_n79A-n257E2  DC\_3A\_n79A-n257F2  DC\_3A\_n79A-n257G2  DC\_3A\_n79A-n257H2  DC\_3A\_n79A-n257I2  DC\_3A\_n79C-n257A2  DC\_3A\_n79C-n257D2  DC\_3A\_n79C-n257E2  DC\_3A\_n79C-n257F2 | DC\_3A\_n79A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n79A-n257A  DC\_3A\_n79A-n257G  DC\_3A\_n79A-n257H  DC\_3A\_n79A-n257I |
| DC\_3A\_n79A-n258A  DC\_3A\_n79A-n258D  DC\_3A\_n79A-n258E  DC\_3A\_n79A-n258F  DC\_3A\_n79A-n258G  DC\_3A\_n79A-n258H  DC\_3A\_n79A-n258I  DC\_3A\_n79A-n258J  DC\_3A\_n79A-n258K  DC\_3A\_n79A-n258L | DC\_3A\_n79A  DC\_3A\_n258A  DC\_3A\_n79A-n258A |
| DC\_5A\_n78A-n257A2  DC\_5A\_n78A-n257D  DC\_5A\_n78A-n257E  DC\_5A\_n78A-n257F  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I  DC\_5A\_n78A-n257J  DC\_5A\_n78A-n257K  DC\_5A\_n78A-n257L  DC\_5A\_n78A-n257M | DC\_5A\_n78A  DC\_5A\_n257A |
| DC\_7A\_n1A-n257A2  DC\_7A\_n1A-n257D  DC\_7A\_n1A-n257E  DC\_7A\_n1A-n257F  DC\_7A\_n1A-n257G  DC\_7A\_n1A-n257H  DC\_7A\_n1A-n257I  DC\_7A\_n1A-n257J  DC\_7A\_n1A-n257K  DC\_7A\_n1A-n257L  DC\_7A\_n1A-n257M | DC\_7A\_n1A  DC\_7A\_n257A |
| DC\_7A-7A\_n1A-n257A2  DC\_7A-7A\_n1A-n257D  DC\_7A-7A\_n1A-n257E  DC\_7A-7A\_n1A-n257F  DC\_7A-7A\_n1A-n257G  DC\_7A-7A\_n1A-n257H  DC\_7A-7A\_n1A-n257I  DC\_7A-7A\_n1A-n257J  DC\_7A-7A\_n1A-n257K  DC\_7A-7A\_n1A-n257L  DC\_7A-7A\_n1A-n257M | DC\_7A\_n1A  DC\_7A\_n257A |
| DC\_7A\_n78A-n257A2  DC\_7A\_n78A-n257D2  DC\_7A\_n78A-n257E2  DC\_7A\_n78A-n257F2  DC\_7A\_n78A-n257G2  DC\_7A\_n78A-n257H2  DC\_7A\_n78A-n257I2  DC\_7A\_n78A-n257J2  DC\_7A\_n78A-n257K2  DC\_7A\_n78A-n257L2  DC\_7A\_n78A-n257M2 | DC\_7A\_n78A  DC\_7A\_n257A |
| DC\_7A-7A\_n78A-n257A2  DC\_7A-7A\_n78A-n257D2  DC\_7A-7A\_n78A-n257E2  DC\_7A-7A\_n78A-n257F2  DC\_7A-7A\_n78A-n257G2  DC\_7A-7A\_n78A-n257H2  DC\_7A-7A\_n78A-n257I2  DC\_7A-7A\_n78A-n257J2  DC\_7A-7A\_n78A-n257K2  DC\_7A-7A\_n78A-n257L2  DC\_7A-7A\_n78A-n257M2 | DC\_7A\_n78A  DC\_7A\_n257A  DC\_7A\_n78A-n257A |
| DC\_7A\_n78A-n258A  DC\_7A\_n78A-n258G  DC\_7A\_n78A-n258H  DC\_7A\_n78A-n258I  DC\_7A\_n78A-n258J  DC\_7A\_n78A-n258K  DC\_7A\_n78A-n258L  DC\_7A\_n78A-n258M  DC\_7C\_n78A-n258A  DC\_7C\_n78A-n258G  DC\_7C\_n78A-n258H  DC\_7C\_n78A-n258I  DC\_7C\_n78A-n258J  DC\_7C\_n78A-n258K  DC\_7C\_n78A-n258L  DC\_7C\_n78A-n258M | DC\_7A\_n78A  DC\_7A\_n258A  DC\_7A\_n258G  DC\_7A\_n258H  DC\_7A\_n258I  DC\_7C\_n78A  DC\_7C\_n258A  DC\_7C\_n258G  DC\_7C\_n258H  DC\_7C\_n258I |
| DC\_8A\_n40A-n258A  DC\_8A\_n40A-n258D  DC\_8A\_n40A-n258E  DC\_8A\_n40A-n258F  DC\_8A\_n40A-n258G  DC\_8A\_n40A-n258H  DC\_8A\_n40A-n258I  DC\_8A\_n40A-n258J  DC\_8A\_n40A-n258K  DC\_8A\_n40A-n258L  DC\_8A\_n40A-n258M | DC\_8A\_n40A  DC\_8A\_n258A |
| DC\_8A\_n77A-n257A2  DC\_8A\_n77A-n257D2  DC\_8A\_n77A-n257G2  DC\_8A\_n77A-n257H2  DC\_8A\_n77A-n257I2 | DC\_8A\_n77A  DC\_8A\_n257A  DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I |
| DC\_8A\_n77(2A)-n257A2  DC\_8A\_n77(2A)-n257D2  DC\_8A\_n77(2A)-n257G2  DC\_8A\_n77(2A)-n257H2  DC\_8A\_n77(2A)-n257I2 | DC\_8A\_n77A  DC\_8A\_n257A  DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I |
| DC\_11A\_n77A-n257A2  DC\_11A\_n77A-n257D2  DC\_11A\_n77A-n257G2  DC\_11A\_n77A-n257H2  DC\_11A\_n77A-n257I2 | DC\_11A\_n77A  DC\_11A\_n257A  DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I |
| DC\_11A\_n77(2A)-n257A2  DC\_11A\_n77(2A)-n257D2  DC\_11A\_n77(2A)-n257G2  DC\_11A\_n77(2A)-n257H2  DC\_11A\_n77(2A)-n257I2 | DC\_11A\_n77A  DC\_11A\_n257A  DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I |
| DC\_19A\_n77A-n257A2  DC\_19A\_n77A-n257D2  DC\_19A\_n77A-n257E2  DC\_19A\_n77A-n257F2  DC\_19A\_n77A-n257G2  DC\_19A\_n77A-n257H2  DC\_19A\_n77A-n257I2  DC\_19A\_n77C-n257A2  DC\_19A\_n77C-n257D2  DC\_19A\_n77C-n257E2  DC\_19A\_n77C-n257F2 | DC\_19A\_n77A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_19A\_n77A-n257A  DC\_19A\_n77A-n257G  DC\_19A\_n77A-n257H  DC\_19A\_n77A-n257I |
| DC\_19A\_n78A-n257A2  DC\_19A\_n78A-n257D2  DC\_19A\_n78A-n257E2  DC\_19A\_n78A-n257F2  DC\_19A\_n78A-n257G2  DC\_19A\_n78A-n257H2  DC\_19A\_n78A-n257I2  DC\_19A\_n78C-n257A2  DC\_19A\_n78C-n257D2  DC\_19A\_n78C-n257E2  DC\_19A\_n78C-n257F2 | DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_19A\_n78A-n257A  DC\_19A\_n78A-n257G  DC\_19A\_n78A-n257H  DC\_19A\_n78A-n257I |
| DC\_19A\_n79A-n257A2  DC\_19A\_n79A-n257D2  DC\_19A\_n79A-n257E2  DC\_19A\_n79A-n257F2  DC\_19A\_n79A-n257G2  DC\_19A\_n79A-n257H2  DC\_19A\_n79A-n257I2  DC\_19A\_n79C-n257A2  DC\_19A\_n79C-n257D2  DC\_19A\_n79C-n257E2  DC\_19A\_n79C-n257F2 | DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_19A\_n79A-n257A  DC\_19A\_n79A-n257G  DC\_19A\_n79A-n257H  DC\_19A\_n79A-n257I |
| DC\_21A\_n77A-n257A2  DC\_21A\_n77A-n257G2  DC\_21A\_n77A-n257H2  DC\_21A\_n77A-n257I2 | DC\_21A\_n77A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_21A\_n77A-n257A  DC\_21A\_n77A-n257G  DC\_21A\_n77A-n257H  DC\_21A\_n77A-n257I |
| DC\_8A\_n78A-n257A2  DC\_8A\_n78A-n257D2  DC\_8A\_n78A-n257E2  DC\_8A\_n78A-n257F2  DC\_8A\_n78A-n257G2  DC\_8A\_n78A-n257H2  DC\_8A\_n78A-n257I2  DC\_8A\_n78A-n257J2  DC\_8A\_n78A-n257K2  DC\_8A\_n78A-n257L2  DC\_8A\_n78A-n257M2 | DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_8A\_n78A-n258A  DC\_8A\_n78A-n258D  DC\_8A\_n78A-n258E  DC\_8A\_n78A-n258F  DC\_8A\_n78A-n258G  DC\_8A\_n78A-n258H  DC\_8A\_n78A-n258I  DC\_8A\_n78A-n258J  DC\_8A\_n78A-n258K  DC\_8A\_n78A-n258L  DC\_8A\_n78A-n258M | DC\_8A\_n78A  DC\_8A\_n258A |
| DC\_18A\_n3A-n257A  DC\_18A\_n3A-n257G  DC\_18A\_n3A-n257H  DC\_18A\_n3A-n257I | DC\_18A\_n3A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I |
| DC\_18A\_n78A-n257A  DC\_18A\_n78A-n257G  DC\_18A\_n78A-n257H  DC\_18A\_n78A-n257I | DC\_18A\_n78A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I |
| DC\_21A\_n78A-n257A2  DC\_21A\_n78A-n257G2  DC\_21A\_n78A-n257H2  DC\_21A\_n78A-n257I2 | DC\_21A\_n78A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_21A\_n78A-n257A  DC\_21A\_n78A-n257G  DC\_21A\_n78A-n257H  DC\_21A\_n78A-n257I |
| DC\_21A\_n79A-n257A2  DC\_21A\_n79A-n257G2  DC\_21A\_n79A-n257H2  DC\_21A\_n79A-n257I2 | DC\_21A\_n79A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_21A\_n79A-n257A  DC\_21A\_n79A-n257G  DC\_21A\_n79A-n257H  DC\_21A\_n79A-n257I |
| DC\_28A\_n3A-n257A2  DC\_28A\_n3A-n257G2  DC\_28A\_n3A-n257H2  DC\_28A\_n3A-n257I2 | DC\_28A\_n3A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_28A\_n7A-n258A  DC\_28A\_n7A-n258B  DC\_28A\_n7A-n258C  DC\_28A\_n7A-n258D  DC\_28A\_n7A-n258E  DC\_28A\_n7A-n258F  DC\_28A\_n7A-n258G  DC\_28A\_n7A-n258H  DC\_28A\_n7A-n258I  DC\_28A\_n7A-n258J  DC\_28A\_n7A-n258K  DC\_28A\_n7A-n258L  DC\_28A\_n7A-n258M  DC\_28A\_n7B-n258A  DC\_28A\_n7B-n258B  DC\_28A\_n7B-n258C  DC\_28A\_n7B-n258D  DC\_28A\_n7B-n258E  DC\_28A\_n7B-n258F  DC\_28A\_n7B-n258G  DC\_28A\_n7B-n258H  DC\_28A\_n7B-n258I  DC\_28A\_n7B-n258J  DC\_28A\_n7B-n258K  DC\_28A\_n7B-n258L  DC\_28A\_n7B-n258M | DC\_28A\_n7A  DC\_28A\_n258A  DC\_28A\_n258G  DC\_28A\_n258H  DC\_28A\_n258I |
| DC\_28A\_n77A-n257A2  DC\_28A\_n77A-n257D2  DC\_28A\_n77A-n257G2  DC\_28A\_n77A-n257H2  DC\_28A\_n77A-n257I2 | DC\_28A\_n77A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_28A\_n77(2A)-n257A2  DC\_28A\_n77(2A)-n257D2  DC\_28A\_n77(2A)-n257G2  DC\_28A\_n77(2A)-n257H2  DC\_28A\_n77(2A)-n257I2 | DC\_28A\_n77A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_28A\_n78A-n257A2  DC\_28A\_n78A-n257G2  DC\_28A\_n78A-n257H2  DC\_28A\_n78A-n257I2 | DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_28A\_n8A-n258A | DC\_28A\_n8A  DC\_28A\_n258A |
| DC\_28A\_n78A-n258A DC\_28A\_n78A-n258G  DC\_28A\_n78A-n258H  DC\_28A\_n78A-n258I  DC\_28A\_n78A-n258J  DC\_28A\_n78A-n258K  DC\_28A\_n78A-n258L  DC\_28A\_n78A-n258M | DC\_28A\_n78A  DC\_28A\_n258A |
| DC\_39A\_n40A-n258A | DC\_39A\_n40A  DC\_39A\_n258A |
| DC\_39A\_n41A-n258A  DC\_39A\_n41C-n258A | DC\_39A\_n41A  DC\_39A\_n258A  DC\_39A\_n41A-n258A |
| DC\_39A\_n79A-n258A  DC\_39A\_n79C-n258A | DC\_39A\_n79A  DC\_39A\_n258A  DC\_39A\_n79A-n258A |
| DC\_40A\_n41A-n258A  DC\_40A\_n41C-n258A  DC\_40A\_n41A-n258A | DC\_40A\_n41A  DC\_40A\_n258A  DC\_40A\_n41A-n258A |
| DC\_40A\_n79A-n258A  DC\_40A\_n79C-n258A | DC\_40A\_n79A  DC\_40A\_n258A |
| DC\_41A\_n3A-n257A2  DC\_41A\_n3A-n257G2  DC\_41A\_n3A-n257H2  DC\_41A\_n3A-n257I2  DC\_41C\_n3A-n257A2  DC\_41C\_n3A-n257G2  DC\_41C\_n3A-n257H2  DC\_41C\_n3A-n257I2 | DC\_41A\_n3A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n3A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_41A\_n28A-n257A2  DC\_41A\_n28A-n257G2  DC\_41A\_n28A-n257H2  DC\_41A\_n28A-n257I2  DC\_41C\_n28A-n257A2  DC\_41C\_n28A-n257G2  DC\_41C\_n28A-n257H2  DC\_41C\_n28A-n257I2 | DC\_41A\_n28A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n28A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_41A\_n77A-n257A  DC\_41A\_n77A-n257G  DC\_41A\_n77A-n257H  DC\_41A\_n77A-n257I  DC\_41C\_n77A-n257A  DC\_41C\_n77A-n257G  DC\_41C\_n77A-n257H  DC\_41C\_n77A-n257I | DC\_41A\_n77A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n77A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_41A\_n78A-n257A  DC\_41A\_n78A-n257G  DC\_41A\_n78A-n257H  DC\_41A\_n78A-n257I  DC\_41C\_n78A-n257A  DC\_41C\_n78A-n257G  DC\_41C\_n78A-n257H  DC\_41C\_n78A-n257I | DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_41A\_n79A-n258A | DC\_41A\_n79A-n258A |
| DC\_41A\_n79A-n258A  DC\_41A\_n79C-n258A | DC\_41A\_n79A  DC\_41A\_n258A |
| DC\_42A\_n77A-n257A  DC\_42A\_n77A-n257G  DC\_42A\_n77A-n257H  DC\_42A\_n77A-n257I  DC\_42C\_n77A-n257A  DC\_42C\_n77A-n257G  DC\_42C\_n77A-n257H  DC\_42C\_n77A-n257I | DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_42A\_n78A-n257A  DC\_42A\_n78A-n257G  DC\_42A\_n78A-n257H  DC\_42A\_n78A-n257I  DC\_42C\_n78A-n257A  DC\_42C\_n78A-n257G  DC\_42C\_n78A-n257H  DC\_42C\_n78A-n257I | DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_42A\_n79A-n257A  DC\_42A\_n79A-n257G  DC\_42A\_n79A-n257H  DC\_42A\_n79A-n257I  DC\_42C\_n79A-n257A  DC\_42C\_n79A-n257G  DC\_42C\_n79A-n257H  DC\_42C\_n79A-n257I | DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_66A\_n5A-n260A  DC\_66A\_n5A-n260G  DC\_66A\_n5A-n260H  DC\_66A\_n5A-n260I  DC\_66A\_n5A-n260J  DC\_66A\_n5A-n260K  DC\_66A\_n5A-n260L  DC\_66A\_n5A-n260M | DC\_66A\_n5A  DC\_66A\_n260A  DC\_66A\_n5A-n260A |
| DC\_66A\_n12A-n258A | DC\_66A\_n258A  DC\_66A\_n12A |
| DC\_66A\_n12A-n260A | DC\_66A\_n260A  DC\_66A\_n12A |
| DC\_66A\_n12A-n261A | DC\_66A\_n261A  DC\_66A\_n12A |
| DC\_66A\_n5A-n260(2A)  DC\_66A\_n5A-n260(3A)  DC\_66A\_n5A-n260(4A)  DC\_66A\_n5A-n260(5A)  DC\_66A\_n5A-n260(6A)  DC\_66A\_n5A-n260(2H)  DC\_66A\_n5A-n260(2G)  DC\_66A\_n5A-n260(A-2G)  DC\_66A\_n5A-n260(A-H)  DC\_66A\_n5A-n260(A-G)  DC\_66A\_n5A-n260(G-H)  DC\_66A\_n5A-n260(2A-G)  DC\_66A\_n5A-n260(2A-2G)  DC\_66A\_n5A-n260(3A-G) | DC\_66A\_n5A-n260A |
| DC\_66A\_n5A-n261A  DC\_66A\_n5A-n261G  DC\_66A\_n5A-n261H  DC\_66A\_n5A-n261I  DC\_66A\_n5A-n261J  DC\_66A\_n5A-n261K  DC\_66A\_n5A-n261L  DC\_66A\_n5A-n261M | DC\_66A\_n5A-n261A |
| DC\_66A\_n5A-n261A  DC\_66A\_n5A-n261G  DC\_66A\_n5A-n261H  DC\_66A\_n5A-n261I  DC\_66A\_n5A-n261J  DC\_66A\_n5A-n261K  DC\_66A\_n5A-n261L  DC\_66A\_n5A-n261M | DC\_66A\_n5A-n261A |
| DC\_66A\_n5A-n261(2A)  DC\_66A\_n5A-n261(3A)  DC\_66A\_n5A-n261(2G)  DC\_66A\_n5A-n261(2H)  DC\_66A\_n5A-n261(A-G)  DC\_66A\_n5A-n261(A-H)  DC\_66A\_n5A-n261(A-I)  DC\_66A\_n5A-n261(A-J)  DC\_66A\_n5A-n261(A-K)  DC\_66A\_n5A-n261(G-H)  DC\_66A\_n5A-n261(G-I)  DC\_66A\_n5A-n261(G-J)  DC\_66A\_n5A-n261(H-I)  DC\_66A\_n5A-n261(A-2G)  DC\_66A\_n5A-n261(A-G-H)  DC\_66A\_n5A-n261(A-G-I)  DC\_66A\_n5A-n261(2A-G)  DC\_66A\_n5A-n261(2A-H)  DC\_66A\_n5A-n261(2A-I)  DC\_66A\_n5A-n261(3A-G) | DC\_66A\_n5A-n261A |
| DC\_66A\_n5A-n261(2A)  DC\_66A\_n5A-n261(3A)  DC\_66A\_n5A-n261(2G)  DC\_66A\_n5A-n261(2H)  DC\_66A\_n5A-n261(A-G)  DC\_66A\_n5A-n261(A-H)  DC\_66A\_n5A-n261(A-I)  DC\_66A\_n5A-n261(A-J)  DC\_66A\_n5A-n261(A-K)  DC\_66A\_n5A-n261(G-H)  DC\_66A\_n5A-n261(G-I)  DC\_66A\_n5A-n261(G-J)  DC\_66A\_n5A-n261(H-I)  DC\_66A\_n5A-n261(A-2G)  DC\_66A\_n5A-n261(A-G-H)  DC\_66A\_n5A-n261(A-G-I)  DC\_66A\_n5A-n261(2A-G)  DC\_66A\_n5A-n261(2A-H)  DC\_66A\_n5A-n261(2A-I)  DC\_66A\_n5A-n261(3A-G) | DC\_66A\_n5A-n261A |
| DC\_66A\_n41A-n260A  DC\_66A\_n41A-n260(2A)  DC\_66A\_n41A-n260(3A)  DC\_66A\_n41A-n260(4A) | DC\_66A\_n41A |
| DC\_66A\_n41A-n261A  DC\_66A\_n41A-n261(2A) | DC\_66A\_n41A |
| DC\_66A\_n71A-n260A  DC\_66A\_n71A-n260(2A) | DC\_66A\_n71A  DC\_66A\_n260A |
| DC\_66A\_n71A-n261A  DC\_66A\_n71A-n261(2A) | DC\_66A\_n71A  DC\_66A\_n261A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability. | |

#### 5.5B.6.3 Inter-band EN-DC configurations including FR1 and FR2 (four bands)

Table 5.5B.6.3-1: Inter-band EN-DC configurations including FR1 and FR2 (four bands)

| EN-DC configuration | Uplink EN-DC configuration (NOTE 1) |
| --- | --- |
| DC\_1A-3A\_n28A-n257A2  DC\_1A-3A\_n28A-n257G2  DC\_1A-3A\_n28A-n257H2  DC\_1A-3A\_n28A-n257I2 | DC\_1A\_n28A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n28A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I |
| DC\_1A-3A\_n77A-n257A2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_1A\_n257A  DC\_3A\_n257A |
| DC\_1A-3A\_n77A-n257D2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_1A\_n257A  DC\_1A\_n257D  DC\_3A\_n257A  DC\_3A\_n257D |
| DC\_1A-3A\_n77A-n257G2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_3A\_n257A  DC\_3A\_n257G  DC\_1A\_n77A-n257A  DC\_1A\_n77A-n257G  DC\_3A\_n77A-n257A  DC\_3A\_n77A-n257G |
| DC\_1A-3A\_n77A-n257H2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_1A\_n77A-n257A  DC\_1A\_n77A-n257G  DC\_1A\_n77A-n257H  DC\_3A\_n77A-n257A  DC\_3A\_n77A-n257G  DC\_3A\_n77A-n257H |
| DC\_1A-3A\_n77A-n257I2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_1A\_n77A-n257A  DC\_1A\_n77A-n257G  DC\_1A\_n77A-n257H  DC\_1A\_n77A-n257I  DC\_3A\_n77A-n257A  DC\_3A\_n77A-n257G  DC\_3A\_n77A-n257H  DC\_3A\_n77A-n257I |
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| DC\_19A-42A\_n78A-n257A  DC\_19A-42A\_n78A-n257G  DC\_19A-42A\_n78A-n257H  DC\_19A-42A\_n78A-n257I  DC\_19A-42C\_n78A-n257A  DC\_19A-42C\_n78A-n257G  DC\_19A-42C\_n78A-n257H  DC\_19A-42C\_n78A-n257I | DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_19A-42A\_n79A-n257A  DC\_19A-42A\_n79A-n257G  DC\_19A-42A\_n79A-n257H  DC\_19A-42A\_n79A-n257I  DC\_19A-42C\_n79A-n257A  DC\_19A-42C\_n79A-n257G  DC\_19A-42C\_n79A-n257H  DC\_19A-42C\_n79A-n257I | DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_21A-42A\_n77A-n257A  DC\_21A-42A\_n77A-n257G  DC\_21A-42A\_n77A-n257H  DC\_21A-42A\_n77A-n257I  DC\_21A-42C\_n77A-n257A  DC\_21A-42C\_n77A-n257G  DC\_21A-42C\_n77A-n257H  DC\_21A-42C\_n77A-n257I | DC\_21A\_n77A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_21A-42A\_n78A-n257A  DC\_21A-42A\_n78A-n257G  DC\_21A-42A\_n78A-n257H  DC\_21A-42A\_n78A-n257I  DC\_21A-42C\_n78A-n257A  DC\_21A-42C\_n78A-n257G  DC\_21A-42C\_n78A-n257H  DC\_21A-42C\_n78A-n257I | DC\_21A\_n78A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_21A-42A\_n79A-n257A  DC\_21A-42A\_n79A-n257G  DC\_21A-42A\_n79A-n257H  DC\_21A-42A\_n79A-n257I  DC\_21A-42C\_n79A-n257A  DC\_21A-42C\_n79A-n257G  DC\_21A-42C\_n79A-n257H  DC\_21A-42C\_n79A-n257I | DC\_21A\_n79A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_19A-21A\_n77A-n257A2  DC\_19A-21A\_n77A-n257G2  DC\_19A-21A\_n77A-n257H2  DC\_19A-21A\_n77A-n257I2 | DC\_19A\_n77A-n257A  DC\_19A\_n77A-n257G  DC\_19A\_n77A-n257H  DC\_19A\_n77A-n257I  DC\_21A\_n77A-n257A  DC\_21A\_n77A-n257G  DC\_21A\_n77A-n257H  DC\_21A\_n77A-n257I |
| DC\_19A-21A\_n78A-n257A2  DC\_19A-21A\_n78A-n257G2  DC\_19A-21A\_n78A-n257H2  DC\_19A-21A\_n78A-n257I2 | DC\_19A\_n78A-n257A  DC\_19A\_n78A-n257G  DC\_19A\_n78A-n257H  DC\_19A\_n78A-n257I  DC\_21A\_n78A-n257A  DC\_21A\_n78A-n257G  DC\_21A\_n78A-n257H  DC\_21A\_n78A-n257I |
| DC\_19A-21A\_n79A-n257A2  DC\_19A-21A\_n79A-n257G2  DC\_19A-21A\_n79A-n257H2  DC\_19A-21A\_n79A-n257I2 | DC\_19A\_n79A-n257A  DC\_19A\_n79A-n257G  DC\_19A\_n79A-n257H  DC\_19A\_n79A-n257I  DC\_21A\_n79A-n257A  DC\_21A\_n79A-n257G  DC\_21A\_n79A-n257H  DC\_21A\_n79A-n257I |
| DC\_19A-42A\_n77A-n257A  DC\_19A-42A\_n77A-n257G  DC\_19A-42A\_n77A-n257H  DC\_19A-42A\_n77A-n257I  DC\_19A-42C\_n77A-n257A  DC\_19A-42C\_n77A-n257G  DC\_19A-42C\_n77A-n257H  DC\_19A-42C\_n77A-n257I | DC\_19A\_n77A-n257A  DC\_19A\_n77A-n257G  DC\_19A\_n77A-n257H  DC\_19A\_n77A-n257I |
| DC\_19A-42A\_n78A-n257A  DC\_19A-42A\_n78A-n257G  DC\_19A-42A\_n78A-n257H  DC\_19A-42A\_n78A-n257I  DC\_19A-42C\_n78A-n257A  DC\_19A-42C\_n78A-n257G  DC\_19A-42C\_n78A-n257H  DC\_19A-42C\_n78A-n257I | DC\_19A\_n78A-n257A  DC\_19A\_n78A-n257G  DC\_19A\_n78A-n257H  DC\_19A\_n78A-n257I |
| DC\_19A-42A\_n79A-n257A  DC\_19A-42A\_n79A-n257G  DC\_19A-42A\_n79A-n257H  DC\_19A-42A\_n79A-n257I  DC\_19A-42C\_n79A-n257A  DC\_19A-42C\_n79A-n257G  DC\_19A-42C\_n79A-n257H  DC\_19A-42C\_n79A-n257I | DC\_19A\_n79A-n257A  DC\_19A\_n79A-n257G  DC\_19A\_n79A-n257H  DC\_19A\_n79A-n257I |
| DC\_21A-42A\_n77A-n257A  DC\_21A-42A\_n77A-n257G  DC\_21A-42A\_n77A-n257H  DC\_21A-42A\_n77A-n257I  DC\_21A-42C\_n77A-n257A  DC\_21A-42C\_n77A-n257G  DC\_21A-42C\_n77A-n257H  DC\_21A-42C\_n77A-n257I | DC\_21A\_n77A-n257A  DC\_21A\_n77A-n257G  DC\_21A\_n77A-n257H  DC\_21A\_n77A-n257I |
| DC\_21A-42A\_n78A-n257A  DC\_21A-42A\_n78A-n257G  DC\_21A-42A\_n78A-n257H  DC\_21A-42A\_n78A-n257I  DC\_21A-42C\_n78A-n257A  DC\_21A-42C\_n78A-n257G  DC\_21A-42C\_n78A-n257H  DC\_21A-42C\_n78A-n257I | DC\_21A\_n78A-n257A  DC\_21A\_n78A-n257G  DC\_21A\_n78A-n257H  DC\_21A\_n78A-n257I |
| DC\_21A-42A\_n79A-n257A  DC\_21A-42A\_n79A-n257G  DC\_21A-42A\_n79A-n257H  DC\_21A-42A\_n79A-n257I  DC\_21A-42C\_n79A-n257A  DC\_21A-42C\_n79A-n257G  DC\_21A-42C\_n79A-n257H  DC\_21A-42C\_n79A-n257I | DC\_21A\_n79A-n257A  DC\_21A\_n79A-n257G  DC\_21A\_n79A-n257H  DC\_21A\_n79A-n257I |
| DC\_28A-41A\_n78A-n257A  DC\_28A-41A\_n78A-n257G  DC\_28A-41A\_n78A-n257H  DC\_28A-41A\_n78A-n257I  DC\_28A-41C\_n78A-n257A  DC\_28A-41C\_n78A-n257G  DC\_28A-41C\_n78A-n257H  DC\_28A-41C\_n78A-n257I | DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_28A-42A\_n78A-n257A  DC\_28A-42A\_n78A-n257G  DC\_28A-42A\_n78A-n257H  DC\_28A-42A\_n78A-n257I  DC\_28A-42C\_n78A-n257A  DC\_28A-42C\_n78A-n257G  DC\_28A-42C\_n78A-n257H  DC\_28A-42C\_n78A-n257I | DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_41A-42A\_n77A-n257A  DC\_41A-42A\_n77A-n257G  DC\_41A-42A\_n77A-n257H  DC\_41A-42A\_n77A-n257I  DC\_41A-42C\_n77A-n257A  DC\_41A-42C\_n77A-n257G  DC\_41A-42C\_n77A-n257H  DC\_41A-42C\_n77A-n257I  DC\_41C-42A\_n77A-n257A  DC\_41C-42A\_n77A-n257G  DC\_41C-42A\_n77A-n257H  DC\_41C-42A\_n77A-n257I  DC\_41C-42C\_n77A-n257A  DC\_41C-42C\_n77A-n257G  DC\_41C-42C\_n77A-n257H  DC\_41C-42C\_n77A-n257I | DC\_41A\_n77A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n77A  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\_41A-42A\_n78A-n257A  DC\_41A-42A\_n78A-n257G  DC\_41A-42A\_n78A-n257H  DC\_41A-42A\_n78A-n257I  DC\_41A-42C\_n78A-n257A  DC\_41A-42C\_n78A-n257G  DC\_41A-42C\_n78A-n257H  DC\_41A-42C\_n78A-n257I  DC\_41C-42A\_n78A-n257A  DC\_41C-42A\_n78A-n257G  DC\_41C-42A\_n78A-n257H  DC\_41C-42A\_n78A-n257I  DC\_41C-42C\_n78A-n257A  DC\_41C-42C\_n78A-n257G  DC\_41C-42C\_n78A-n257H  DC\_41C-42C\_n78A-n257I | DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability. | |

#### 5.5B.6.4 Inter-band EN-DC configurations including FR1 and FR2 (five bands)

Table 5.5B.6.4-1: Inter-band EN-DC configurations including FR1 and FR2 (five bands)

| EN-DC configuration | Uplink EN-DC configuration (NOTE 1) |
| --- | --- |
| DC\_1A-3A-5A\_n78A-n257A  DC\_1A-3A-5A\_n78A-n257D  DC\_1A-3A-5A\_n78A-n257E  DC\_1A-3A-5A\_n78A-n257F  DC\_1A-3A-5A\_n78A-n257G  DC\_1A-3A-5A\_n78A-n257H  DC\_1A-3A-5A\_n78A-n257I  DC\_1A-3A-5A\_n78A-n257J  DC\_1A-3A-5A\_n78A-n257K  DC\_1A-3A-5A\_n78A-n257L  DC\_1A-3A-5A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I |
| DC\_1A-3A-5A\_n78C-n257A  DC\_1A-3A-5A\_n78C-n257D  DC\_1A-3A-5A\_n78C-n257E  DC\_1A-3A-5A\_n78C-n257F  DC\_1A-3A-5A\_n78C-n257G  DC\_1A-3A-5A\_n78C-n257H  DC\_1A-3A-5A\_n78C-n257I  DC\_1A-3A-5A\_n78C-n257J  DC\_1A-3A-5A\_n78C-n257K  DC\_1A-3A-5A\_n78C-n257L  DC\_1A-3A-5A\_n78C-n257M | DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I |
| DC\_1A-3A-7A\_n78A-n257A  DC\_1A-3A-7A\_n78A-n257D  DC\_1A-3A-7A\_n78A-n257E  DC\_1A-3A-7A\_n78A-n257F  DC\_1A-3A-7A\_n78A-n257G  DC\_1A-3A-7A\_n78A-n257H  DC\_1A-3A-7A\_n78A-n257I  DC\_1A-3A-7A\_n78A-n257J  DC\_1A-3A-7A\_n78A-n257K  DC\_1A-3A-7A\_n78A-n257L  DC\_1A-3A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-3A-7A\_n78C-n257A  DC\_1A-3A-7A\_n78C-n257D  DC\_1A-3A-7A\_n78C-n257E  DC\_1A-3A-7A\_n78C-n257F  DC\_1A-3A-7A\_n78C-n257G  DC\_1A-3A-7A\_n78C-n257H  DC\_1A-3A-7A\_n78C-n257I  DC\_1A-3A-7A\_n78C-n257J  DC\_1A-3A-7A\_n78C-n257K  DC\_1A-3A-7A\_n78C-n257L  DC\_1A-3A-7A\_n78C-n257M | DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-3A-7A-7A\_n78A-n257A  DC\_1A-3A-7A-7A\_n78A-n257D  DC\_1A-3A-7A-7A\_n78A-n257E  DC\_1A-3A-7A-7A\_n78A-n257F  DC\_1A-3A-7A-7A\_n78A-n257G  DC\_1A-3A-7A-7A\_n78A-n257H  DC\_1A-3A-7A-7A\_n78A-n257I  DC\_1A-3A-7A-7A\_n78A-n257J  DC\_1A-3A-7A-7A\_n78A-n257K  DC\_1A-3A-7A-7A\_n78A-n257L  DC\_1A-3A-7A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-3A-7A-7A\_n78C-n257A  DC\_1A-3A-7A-7A\_n78C-n257D  DC\_1A-3A-7A-7A\_n78C-n257E  DC\_1A-3A-7A-7A\_n78C-n257F  DC\_1A-3A-7A-7A\_n78C-n257G  DC\_1A-3A-7A-7A\_n78C-n257H  DC\_1A-3A-7A-7A\_n78C-n257I  DC\_1A-3A-7A-7A\_n78C-n257J  DC\_1A-3A-7A-7A\_n78C-n257K  DC\_1A-3A-7A-7A\_n78C-n257L  DC\_1A-3A-7A-7A\_n78C-n257M | DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-3A-7A\_n78A-n258A  DC\_1A-3A-7A\_n78A-n258D  DC\_1A-3A-7A\_n78A-n258E  DC\_1A-3A-7A\_n78A-n258F  DC\_1A-3A-7A\_n78A-n258G  DC\_1A-3A-7A\_n78A-n258H  DC\_1A-3A-7A\_n78A-n258I  DC\_1A-3A-7A\_n78A-n258J  DC\_1A-3A-7A\_n78A-n258K  DC\_1A-3A-7A\_n78A-n258L  DC\_1A-3A-7A\_n78A-n258M | DC\_1A\_n78A  DC\_1A\_n258A  DC\_1A\_n258D  DC\_1A\_n258E  DC\_1A\_n258F  DC\_1A\_n258G  DC\_1A\_n258H  DC\_1A\_n258I  DC\_3A\_n78A  DC\_3A\_n258A  DC\_3A\_n258D  DC\_3A\_n258E  DC\_3A\_n258F  DC\_3A\_n258G  DC\_3A\_n258H  DC\_3A\_n258I  DC\_7A\_n78A  DC\_7A\_n258A  DC\_7A\_n258D  DC\_7A\_n258E  DC\_7A\_n258F  DC\_7A\_n258G  DC\_7A\_n258H  DC\_7A\_n258I |
| DC\_1A-3A-8A\_n78A-n257A2  DC\_1A-3A-8A\_n78A-n257D2  DC\_1A-3A-8A\_n78A-n257E2  DC\_1A-3A-8A\_n78A-n257F2  DC\_1A-3A-8A\_n78A-n257G2  DC\_1A-3A-8A\_n78A-n257H2  DC\_1A-3A-8A\_n78A-n257I2  DC\_1A-3A-8A\_n78A-n257J2  DC\_1A-3A-8A\_n78A-n257K2  DC\_1A-3A-8A\_n78A-n257L2  DC\_1A-3A-8A\_n78A-n257M2  DC\_1A-3C-8A\_n78A-n257A  DC\_1A-3C-8A\_n78A-n257D  DC\_1A-3C-8A\_n78A-n257E  DC\_1A-3C-8A\_n78A-n257F  DC\_1A-3C-8A\_n78A-n257G  DC\_1A-3C-8A\_n78A-n257H  DC\_1A-3C-8A\_n78A-n257I  DC\_1A-3C-8A\_n78A-n257J  DC\_1A-3C-8A\_n78A-n257K  DC\_1A-3C-8A\_n78A-n257L  DC\_1A-3C-8A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_1A-3A-18A\_n78A-n257A  DC\_1A-3A-18A\_n78A-n257G  DC\_1A-3A-18A\_n78A-n257H  DC\_1A-3A-18A\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_18A\_n78A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I |
| DC\_1A-3A-21A\_n77A-n257A2  DC\_1A-3A-21A\_n77A-n257G2  DC\_1A-3A-21A\_n77A-n257H2  DC\_1A-3A-21A\_n77A-n257I2 | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_21A\_n77A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I |
| DC\_1A-3A-21A\_n78A-n257A2  DC\_1A-3A-21A\_n78A-n257G2  DC\_1A-3A-21A\_n78A-n257H2  DC\_1A-3A-21A\_n78A-n257I2 | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_21A\_n78A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I |
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| DC\_3A-28A-42A\_n78A-n257A  DC\_3A-28A-42A\_n78A-n257G  DC\_3A-28A-42A\_n78A-n257H  DC\_3A-28A-42A\_n78A-n257I  DC\_3A-28A-42C\_n78A-n257A  DC\_3A-28A-42C\_n78A-n257G  DC\_3A-28A-42C\_n78A-n257H  DC\_3A-28A-42C\_n78A-n257I | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_3A-41A-42A\_n78A-n257A  DC\_3A-41A-42A\_n78A-n257G  DC\_3A-41A-42A\_n78A-n257H  DC\_3A-41A-42A\_n78A-n257I  DC\_3A-41A-42C\_n78A-n257A  DC\_3A-41A-42C\_n78A-n257G  DC\_3A-41A-42C\_n78A-n257H  DC\_3A-41A-42C\_n78A-n257I  DC\_3A-41C-42A\_n78A-n257A  DC\_3A-41C-42A\_n78A-n257G  DC\_3A-41C-42A\_n78A-n257H  DC\_3A-41C-42A\_n78A-n257I  DC\_3A-41C-42C\_n78A-n257A  DC\_3A-41C-42C\_n78A-n257G  DC\_3A-41C-42C\_n78A-n257H  DC\_3A-41C-42C\_n78A-n257I | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_19A-21A-42A\_n77A-n257A  DC\_19A-21A-42A\_n77A-n257G  DC\_19A-21A-42A\_n77A-n257H  DC\_19A-21A-42A\_n77A-n257I  DC\_19A-21A-42C\_n77A-n257A  DC\_19A-21A-42C\_n77A-n257G  DC\_19A-21A-42C\_n77A-n257H  DC\_19A-21A-42C\_n77A-n257I | DC\_19A\_n77A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n77A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_19A-21A-42A\_n78A-n257A  DC\_19A-21A-42A\_n78A-n257G  DC\_19A-21A-42A\_n78A-n257H  DC\_19A-21A-42A\_n78A-n257I  DC\_19A-21A-42C\_n78A-n257A  DC\_19A-21A-42C\_n78A-n257G  DC\_19A-21A-42C\_n78A-n257H  DC\_19A-21A-42C\_n78A-n257I | DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n78A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_19A-21A-42A\_n79A-n257A  DC\_19A-21A-42A\_n79A-n257G  DC\_19A-21A-42A\_n79A-n257H  DC\_19A-21A-42A\_n79A-n257I  DC\_19A-21A-42C\_n79A-n257A  DC\_19A-21A-42C\_n79A-n257G  DC\_19A-21A-42C\_n79A-n257H  DC\_19A-21A-42C\_n79A-n257I | DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n79A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_19A-21A-42A\_n77A-n257A  DC\_19A-21A-42A\_n77A-n257G  DC\_19A-21A-42A\_n77A-n257H  DC\_19A-21A-42A\_n77A-n257I  DC\_19A-21A-42C\_n77A-n257A  DC\_19A-21A-42C\_n77A-n257G  DC\_19A-21A-42C\_n77A-n257H  DC\_19A-21A-42C\_n77A-n257I | DC\_19A\_n77A-n257A  DC\_19A\_n77A-n257G  DC\_19A\_n77A-n257H  DC\_19A\_n77A-n257I  DC\_21A\_n77A-n257A  DC\_21A\_n77A-n257G  DC\_21A\_n77A-n257H  DC\_21A\_n77A-n257I |
| DC\_19A-21A-42A\_n78A-n257A  DC\_19A-21A-42A\_n78A-n257G  DC\_19A-21A-42A\_n78A-n257H  DC\_19A-21A-42A\_n78A-n257I  DC\_19A-21A-42C\_n78A-n257A  DC\_19A-21A-42C\_n78A-n257G  DC\_19A-21A-42C\_n78A-n257H  DC\_19A-21A-42C\_n78A-n257I | DC\_19A\_n78A-n257A  DC\_19A\_n78A-n257G  DC\_19A\_n78A-n257H  DC\_19A\_n78A-n257I  DC\_21A\_n78A-n257A  DC\_21A\_n78A-n257G  DC\_21A\_n78A-n257H  DC\_21A\_n78A-n257I |
| DC\_19A-21A-42A\_n79A-n257A  DC\_19A-21A-42A\_n79A-n257G  DC\_19A-21A-42A\_n79A-n257H  DC\_19A-21A-42A\_n79A-n257I  DC\_19A-21A-42C\_n79A-n257A  DC\_19A-21A-42C\_n79A-n257G  DC\_19A-21A-42C\_n79A-n257H  DC\_19A-21A-42C\_n79A-n257I | DC\_19A\_n79A-n257A  DC\_19A\_n79A-n257G  DC\_19A\_n79A-n257H  DC\_19A\_n79A-n257I  DC\_21A\_n79A-n257A  DC\_21A\_n79A-n257G  DC\_21A\_n79A-n257H  DC\_21A\_n79A-n257I |
| DC\_28A-41A-42A\_n78A-n257A  DC\_28A-41A-42A\_n78A-n257G  DC\_28A-41A-42A\_n78A-n257H  DC\_28A-41A-42A\_n78A-n257I  DC\_28A-41A-42C\_n78A-n257A  DC\_28A-41A-42C\_n78A-n257G  DC\_28A-41A-42C\_n78A-n257H  DC\_28A-41A-42C\_n78A-n257I  DC\_28A-41C-42A\_n78A-n257A  DC\_28A-41C-42A\_n78A-n257G  DC\_28A-41C-42A\_n78A-n257H  DC\_28A-41C-42A\_n78A-n257I  DC\_28A-41C-42C\_n78A-n257A  DC\_28A-41C-42C\_n78A-n257G  DC\_28A-41C-42C\_n78A-n257H  DC\_28A-41C-42C\_n78A-n257I | DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability. | |

## **<<Unchanged parts skipped>>**

###### 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 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 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\_n3-n79 | 1 | 0.3 |
|  | n3 | 0.3 |
|  | n79 | 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\_n41 | 1 | 0.5 |
|  | 11 | 0.3 |
|  | n41 | 0.5 |
| 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\_1-20\_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 | 0.6 |
| 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\_1-38\_n28 | 1 | 0.5 |
|  | 38 | 0.5 |
|  | n28 | 0.6 |
| 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 | 0.33/0.84 |
|  | 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\_n2-n38 | 2 | 0.5 |
|  | n2 | 0.5 |
|  | n38 | 0.9 |
| DC\_2\_n2-n41 | 2 | 0.5 |
|  | n2 | 0.5 |
|  | n41 | 0.5 |
| DC\_2\_n2-n66 | 2 | 0.5 |
|  | n2 | 0.5 |
|  | n66 | 0.5 |
| DC\_2\_n2-n71 | 2 | 0.3 |
|  | n2 | 0.3 |
|  | n71 | 0.3 |
| DC\_2\_n2-n77 | 2 | 0.6 |
|  | n2 | 0.6 |
|  | n77 | 0.8 |
| DC\_2\_n2-n78 | 2 | 0.6 |
|  | n2 | 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-(n)5 | 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 |
| DC\_2-2-5\_n77 | 5 | 0.6 |
|  | n77 | 0.8 |
| DC\_2-5\_n78 | 2 | 0.6 |
|  | 5 | 0.6 |
|  | n78 | 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\_2-12\_n7 | 2 | 0.5 |
|  | 12 | 0.3 |
|  | n7 | 0.5 |
| 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\_n25 | 2 | 0.3 |
|  | 13 | 0.3 |
|  | n25 | 0.3 |
| 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 |
| DC\_2-2-13\_n77 | 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\_n2 | 2 | 0.5 |
| 30 | 0.3 |
| n2 | 0.5 |
| DC\_2-30\_n5, DC\_2-2-30\_n5 | 2 | 0.5 |
|  | 30 | 0.3 |
|  | n5 | 0.3 |
| DC\_2-30\_n66, DC\_2-2-30\_n66 | 2 | 0.5 |
|  | 30 | 0.3 |
|  | n66 | 0.5 |
| DC\_2\_n38-n71 | 2 | 0.5 |
|  | n38 | 0.5 |
|  | n71 | 0.3 |
| 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\_n5 | 2 | 0.3 |
|  | n5 | 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\_2-46\_n77 | 2 | 0.6 |
|  | n77 | 0.8 |
| 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  DC\_2-48-48\_n77  DC\_2-48-48-48\_n77 | 2 | 0.3 |
|  | 48 | 0.6 |
|  | n77 | 0.5 |
| DC\_2-66\_n2 | 0.5 | 0.5 |
|  | 0.5 | 0.5 |
|  | 0.5 | 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 | 0.5 |
|  | 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 |
| DC\_2-2-66\_n77  DC\_2-66-66\_n77  DC\_2-2-66-66\_n77 | 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  DC\_2\_n71-n78 | 2 | 0.6 |
|  | 71/n71 | 0.6 |
|  | n78 | 0.8 |
| DC\_3\_n1-n7 | 3 | 0.6 |
|  | n1 | 0.6 |
|  | n7 | 0.6 |
| DC\_3\_n1-n8 | 3 | 0.3 |
| DC\_3-3\_n1-n8 | n1 | 0.3 |
|  | n8 | 0.3 |
| DC\_3\_n1-n28 | 3 | 0.3 |
|  | n1 | 0.3 |
|  | n28 | 0.6 |
| DC\_3\_n1-n38 | 3 | 0.5 |
|  | n1 | 0.5 |
|  | n38 | 0.5 |
| DC\_3\_n1-n40 | 3 | 0.5 |
|  | n1 | 0.5 |
|  | n40 | 0.5 |
| DC\_3\_n1-n41 | 3 | 0.5 |
|  | n1 | 0.5 |
|  | n41 | 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 | 0.33/0.84 |
| 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\_n3 | 3 | 0.5 |
|  | 7 | 0.5 |
|  | n3 | 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  DC\_3-3-7\_n8  DC\_3-7-7\_n8  DC\_3-3-7-7\_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 |
| DC\_3-3\_n8-n78 | 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 | 0.53 |
|  |  | 1.24 |
| 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\_n3 | 3 | 0.3 |
|  | 28 | 0.3 |
|  | n3 | 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\_n28-n79 | 3 | 0.3 |
|  | n28 | 0.3 |
| DC\_3-32\_n1 | 3 | 0.5 |
|  | n1 | 0.5 |
| DC\_3-32\_n78 | 3 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-38\_n28 | 3 | 0.5 |
|  | 38 | 0.5 |
|  | n28 | 0.6 |
| 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 | 0.33/0.84 |
|  | 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\_n2-n77 | 5 | 0.6 |
|  | n2 | 0.6 |
|  | n77 | 0.8 |
| DC\_5\_n5-n77 | 5 | 0.6 |
|  | n5 | 0.6 |
|  | n77 | 0.8 |
| 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\_n2 | 5 | 0.3 |
|  | 30 | 0.3 |
|  | n2 | 0.5 |
| DC\_5-30\_n66 | 5 | 0.3 |
|  | 30 | 0.3 |
|  | n66 | 0.5 |
| DC\_5\_n38-n66 | 5 | 0.5 |
|  | n38 | 0.8 |
|  | 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 |
| DC\_5\_n66-n77 | 66 or n66 | 0.6 |
|  | n77 | 0.8 |
| DC\_5-66\_n78 | 5 | 0.6 |
| DC\_5\_n66-n78 | 66/n66 | 0.6 |
|  | n78 | 0.8 |
| DC\_5-66\_n66 | 5 | 0.3 |
|  | 66 | 0.3 |
|  | n66 | 0.3 |
| DC\_7\_n1-n8 | 7 | 0.6 |
| DC\_7-7\_n1-n8 | n1 | 0.5 |
|  | n8 | 0.5 |
| 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\_n2-n66 | 7 | 0.5 |
|  | n2 | 0.5 |
|  | n66 | 0.5 |
| DC\_7\_n2-n71 | 7 | 0.5 |
|  | n2 | 0.5 |
|  | n71 | 0.3 |
| DC\_7\_n2-n78 | 7 | 0.5 |
|  | n2 | 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\_n3 | 7 | 0.5 |
|  | 8 | 0.6 |
|  | n3 | 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\_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 |
| DC\_7-7\_n8-n78 | 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\_n25  DC\_7-7-13\_n25 | 7 | 0.5 |
|  | 13 | 0.3 |
|  | n25 | 0.5 |
| 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\_n25-n66 | 7 | 0.5 |
| DC\_7-7\_n25-n66 | n25 | 0.5 |
|  | n66 | 0.5 |
| 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\_7-29\_n78 | 7 | 0.5 |
|  | n78 | 0.8 |
| DC\_7-32\_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\_n25  DC\_7-7-66\_n25 | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n25 | 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 |
| DC\_7\_n66-n71 | 66/n66 | 0.5 |
|  | n71 | 0.5 |
| DC\_7-66\_n77  DC\_7-7-66\_n77 | 7 | 0.5 |
| DC\_7\_n66-n77 | 66 or n66 | 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\_n71-n78 | 7 | 0.3 |
|  | n71 | 0.5 |
|  | n78 | 0.8 |
| DC\_7\_SUL\_n78-n80 | 7 | 0.6 |
|  | n80 | 0.6 |
|  | n78 | 0.8 |
| DC\_8\_n1-n40 | 8 | 0.3 |
|  | n1 | 0.3 |
|  | n40 | 0.5 |
| 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\_n3-n79 | 8 | 0.3 |
|  | n3 | 0.3 |
|  | n79 | 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\_n1 | n1 | 0.3 |
|  | 8 | 0.4 |
|  | 20 | 0.4 |
| DC\_8-20\_n3 | n3 | 0.3 |
|  | 8 | 0.4 |
|  | 20 | 0.4 |
| DC\_8-20\_n78 | 8 | 0.6 |
|  | 20 | 0.6 |
|  | n78 | 0.8 |
| DC\_8\_n28-n77 | 8 | 0.6 |
|  | n28 | 0.5 |
|  | n77 | 0.8 |
| DC\_8\_n28-n78 | 8 | 0.6 |
|  | n28 | 0.5 |
|  | n78 | 0.8 |
| DC\_8-32\_n1 | 8 | 0.3 |
| n1 | 0.5 |
| DC\_8\_n39-n40 | 8 | 0.3 |
|  | n39 | 0.3 |
|  | n40 | 0.3 |
| DC\_8\_n39-n79 | 8 | 0.3 |
|  | n39 | 0.3 |
| 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\_n77-n79 | 8 | 0.6 |
|  | n77 | 0.8 |
|  | n79 | 0.5 |
| 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\_n2-n38 | 12 | 0.3 |
|  | n2 | 0.5 |
|  | n38 | 0.5 |
| DC\_12\_n2-n41 | 12 | 0.3 |
|  | n2 | 0.5 |
|  | n41 | 0.5 |
| 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\_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\_12\_n66-n78 | 12 | 0.6 |
|  | n66 | 0.6 |
|  | n78 | 0.8 |
| 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\_n7-n78 | 13 | 0.5 |
|  | n7 | 0.5 |
|  | n78 | 0.8 |
| DC\_13\_n25-n66 | 13 | 0.3 |
|  | n25 | 0.5 |
|  | n66 | 0.5 |
| DC\_13-46\_n5 | 13 | 0.5 |
|  | n5 | 0.5 |
| DC\_13-46\_n66 | 13 | 0.3 |
|  | n66 | 0.3 |
| DC\_13-46\_n77 | 13 | 0.5 |
|  | n77 | 0.8 |
| 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  DC\_13-66-66\_n77 | 13 | 0.5 |
|  | 66 | 0.6 |
|  | n77 | 0.8 |
| DC\_13\_n66-n77 | 13 | 0.3 |
|  | n66 | 0.6 |
|  | n77 | 0.8 |
| DC\_14-30\_n2 | 14 | 0.3 |
|  | 30 | 0.3 |
|  | n2 | 0.5 |
| DC\_14-30\_n66 | 14 | 0.3 |
|  | 30 | 0.3 |
|  | n66 | 0.5 |
| 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-n77 | 18 | 0.3 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| 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 | 0.33/0.84 |
|  | 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\_n8-n78 | 20 | 0.6 |
|  | n8 | 0.6 |
|  | n78 | 0.8 |
| DC\_20-28\_n1 | n1 | 0.5 |
|  | 20 | 0.6 |
|  | 28 | 0.6 |
| 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-n1 | 20 | 0.3 |
|  | 40 | 0.5 |
|  | n1 | 0.5 |
| 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\_n28-n77 | 21 | 0.4 |
|  | n28 | 0.5 |
|  | n77 | 0.8 |
| DC\_21\_n28-n78 | 21 | 0.4 |
|  | n28 | 0.5 |
|  | n78 | 0.8 |
| DC\_21\_n28-n79 | 21 | 0.4 |
|  | n28 | 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\_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\_28-41\_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\_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\_29-30\_n2 | 30 | 0.3 |
| n2 | 0.5 |
| DC\_29-30\_n66 | 30 | 0.3 |
| n66 | 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-(n)5 | 30 | 0.3 |
|  | 5 | 0.3 |
|  | n5 | 0.3 |
| 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\_30-66\_n66 | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| 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\_40\_n1-n78 | 40 | 0.5 |
| n1 | 0.3 |
| n78 | 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 |
| DC\_41-42\_n79 | 41 | 0.3 |
|  | 42 | 0.8 |
| 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\_46-48\_n5 | 48 | 0.8 |
|  | n5 | 0.3 |
| DC\_46-48\_n66 | 48 | 0.8 |
|  | 66 | 0.6 |
| DC\_46-66\_n5 | 66 | 0.3 |
|  | n5 | 0.3 |
| DC\_46-66\_n25 | 66 | 0.5 |
|  | n25 | 0.5 |
| DC\_46-66\_n77 | 66 | 0.6 |
|  | n77 | 0.8 |
| 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\_66\_n2-n38 | 66 | 0.5 |
|  | n2 | 0.5 |
|  | n38 | 0.9 |
| DC\_66\_n2-n66 | 66 | 0.5 |
|  | n2 | 0.5 |
|  | n66 | 0.5 |
| DC\_66\_n2-n71 | 66 | 0.5 |
|  | n2 | 0.5 |
|  | n71 | 0.3 |
| DC\_66\_n2-n77 | 66 | 0.6 |
|  | n2 | 0.6 |
|  | n77 | 0.8 |
| DC\_66\_(n)5 | 5 | 0.3 |
|  | n5 | 0.3 |
|  | 66 | 0.3 |
| 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-n66 | 66 | 0.5 |
|  | n25 | 0.5 |
|  | n66 | 0.5 |
| 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-n71 | 66 | 0.5 |
|  | n38 | 0.8 |
|  | n71 | 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-n71 | 66 | 0.3 |
|  | n66 | 0.3 |
|  | n71 | 0.3 |
| 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\_66-71\_n78 | 66 | 0.6 |
| DC\_66\_n71-n78 | 71/n71 | 0.6 |
|  | n78 | 0.8 |
| DC\_66\_SUL\_n78-n86 | 66 | 0.6 |
|  | n78 | 0.8 |
|  | n86 | 0.6 |
| DC\_71\_n2-n41 | 71 | 0.3 |
|  | n2 | 0.5 |
|  | n41 | 0.5 |
| DC\_71\_n2-n66 | 71 | 0.3 |
|  | n2 | 0.5 |
|  | n66 | 0.5 |
| DC\_71\_n2-n78 | 71 | 0.6 |
|  | n2 | 0.6 |
|  | n78 | 0.8 |
| DC\_71\_n38-n66 | 71 | 0.5 |
|  | n38 | 0.8 |
|  | n66 | 0.5 |
| DC\_71\_n38-n78 | 71 | 0.5 |
|  | n38 | 0.3 |
|  | n78 | 0.8 |
| DC\_71\_n66-n78 | 71 | 0.6 |
|  | n66 | 0.6 |
|  | n78 | 0.8 |
| NOTE 1: The requirement is applied for UE transmitting on the frequency range of 2545 - 2690 MHz.  NOTE 2: The requirement is applied for UE transmitting on the frequency range of 2496 - 2545 MHz.  NOTE 3: 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. | | |

###### 6.2B.4.2.3.3 ΔTIB,c for EN-DC four bands

Table 6.2B.4.2.3.3-1: ΔTIB,c due to EN-DC(four bands)

| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔTIB,c (dB) |
| --- | --- | --- |
| DC\_1-3\_n3-n41 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | n3 | 0.5 |
|  | n41 | 0.34/0.85 |
| DC\_1-3\_n3-n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-3\_n3-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-5\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 5 | 0.3 |
|  | n78 | 0.8 |
| DC\_1-3-5\_n79 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 5 | 0.3 |
| DC\_1-3-7\_n3 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | n3 | 0.6 |
| DC\_1-3-7\_n5 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | n5 | 0.3 |
| DC\_1-3-7\_n7 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | n7 | 0.6 |
| DC\_1-3-7\_n8 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | n8 | 0.3 |
| DC\_1-3-7\_n28 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | n28 | 0.6 |
| DC\_1-3-7\_n40 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.8 |
|  | n40 | 0.9 |
| DC\_1-3-7\_n78  DC\_1-3-7-7\_n78  DC\_1-3\_n7-n78 | 1 | 0.7 |
|  | 3 | 0.7 |
|  | 7 or n7 | 0.7 |
|  | n78 | 0.8 |
| DC\_1-3-8\_n28 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 8 | 0.6 |
|  | n28 | 0.6 |
| DC\_1-3-8\_n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 8 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-3-8\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 8 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3\_n8-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | n8 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-8\_n79 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 8 | 0.3 |
| DC\_1-3-11\_n28 | 1 | 0.3 |
|  | 3 | 0.8 |
|  | 11 | 0.9 |
|  | n28 | 0.6 |
| DC\_1-3-11\_n77 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 11 | 0.9 |
|  | n77 | 0.8 |
| DC\_1-3-18\_n3 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 18 | 0.3 |
|  | n3 | 0.3 |
| DC\_1-3-18\_n28 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 18 | 0.3 |
|  | n28 | 0.6 |
| DC\_1-3-18\_n41 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 18 | 0.3 |
|  | n41 | 0.34 |
| DC\_1-3-28\_n3 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 28 | 0.6 |
|  | n3 | 0.3 |
| DC\_1-3-18\_n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 18 | 0.3 |
|  | n77 | 0.8 |
| DC\_1-3-18\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 18 | 0.3 |
|  | n78 | 0.8 |
| DC\_1-3-18\_n79 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 18 | 0.3 |
| DC\_1-3-19\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 19 | 0.3 |
|  | n78 | 0.8 |
| DC\_1-3-19\_n79 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 19 | 0.3 |
| DC\_1-3-20\_n7 | 1 | 0.3 |
|  | 3 | 0.5 |
|  | 20 | 0.3 |
|  | n7 | 0.5 |
| DC\_1-3-20\_n8 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 20 | 0.6 |
|  | n8 | 0.6 |
| DC\_1-3-20\_n28 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 20 | 0.6 |
|  | n28 | 0.6 |
| DC\_1-3-20\_n38 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 20 | 0.5 |
|  | n38 | 0.5 |
| DC\_1-3-20\_n41 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 20 | 0.3 |
|  | n41 | 0.84 |
|  |  | 1.35 |
| DC\_1-3-20\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 20 | 0.3 |
|  | n78 | 0.8 |
| DC\_1-3-21\_n77 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n77 | 0.8 |
| DC\_1-3-21\_n78 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n78 | 0.8 |
| DC\_1-3-21\_n79 | 1 | 0.3 |
|  | 3 | 0.8 |
|  | 21 | 0.9 |
| DC\_1-3-28\_n5 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 28 | 0.6 |
|  | n5 | 0.6 |
| DC\_1-3-28\_n7 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 28 | 0.6 |
|  | n7 | 0.6 |
| DC\_1-3-28\_n40 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 28 | 0.6 |
|  | n40 | 0.5 |
| DC\_1-3-28\_n77  DC\_1\_n3-n28-n77 | 1 | 0.6 |
|  | 3 or n3 | 0.6 |
|  | 28 or n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-3-28\_n78  DC\_1-3\_n28-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 28 or n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-28\_n79 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 28 | 0.6 |
| DC\_1-3\_n28-n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-3\_n28-n79 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | n28 | 0.6 |
| DC\_1-3-38\_n28 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 38 | 0.5 |
|  | n28 | 0.6 |
| DC\_1-3-32\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3\_n38-n78 | 1 | 0.5 |
|  | 3 | 0.6 |
|  | n38 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3\_n40-n78 | 1 | 0.5 |
|  | 3 | 0.6 |
|  | n40 | 0.36 |
|  | n78 | 0.86 |
| DC\_1-3-40\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 40 | 0.39 |
|  | n78 | 0.89 |
| DC\_1-3-41\_n3 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 41 | 0.34/0.85 |
|  | n3 | 0.5 |
| DC\_1-3-41\_n28 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 41 | 0.34/0.85 |
|  | n28 | 0.6 |
| DC\_1-3-41\_n41 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 41 | 0.34/0.85 |
|  | n41 | 0.34/0.85 |
| DC\_1-3\_(n)41 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 41 | 0.34/0.85 |
|  | n41 | 0.34/0.85 |
| DC\_1-3-41\_n77  DC\_1-3\_n41-n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41/n41 | 0.5 |
|  | n77 | 0.8 |
| DC\_1-3-41\_n78  DC\_1-3\_n41-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41 or n41 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-3-41\_n79 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 41 | 0.34/0.85 |
| DC\_1-3-42\_n28 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 42 | 0.8 |
|  | n28 | 0.8 |
| DC\_1-3-42\_n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-3-42\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-3-42\_n79 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 42 | 0.8 |
| DC\_1-3\_n77-n79 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-3\_n78-n79 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3\_SUL\_n78-n80 | 1 | 0.6 |
|  | 3, n80 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-5-7\_n78  DC\_1-5-7-7\_n78 | 1 | 0.6 |
|  | 5 | 0.6 |
|  | 7 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-5-41\_n79 | 1 | 0.5 |
|  | 5 | 0.3 |
|  | 41 | 0.5 |
| DC\_1-7\_n3-n78 | 1 | 0.5 |
|  | 7 | 0.2 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-7\_n7-n78 | 1 | 0.6 |
|  | 7 | 0.6 |
|  | n7 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-7-8\_n3 | 1 | 0.6 |
|  | 7 | 0.6 |
|  | 8 | 0.3 |
|  | n3 | 0.6 |
| DC\_1-7-8\_n28 | 1 | 0.5 |
|  | 7 | 0.6 |
|  | 8 | 0.6 |
|  | n28 | 0.6 |
| DC\_1-7-8\_n78 | 1 | 0.6 |
| DC\_1-7\_n8-n78 | 7 | 0.6 |
|  | 8 or n8 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-7-20\_n3 | 1 | 0.3 |
|  | 7 | 0.5 |
|  | 20 | 0.3 |
|  | n3 | 0.5 |
| DC\_1-7-20\_n8 | 1 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | n8 | 0.6 |
| DC\_1-7-20\_n28 | 1 | 0.5 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | n28 | 0.6 |
| DC\_1-7-20\_n78 | 1 | 0.6 |
|  | 7 | 0.7 |
|  | 20 | 0.4 |
|  | n78 | 0.8 |
| DC\_1-7-28\_n3 | 1 | 0.6 |
|  | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n3 | 0.6 |
| DC\_1-7-28\_n5 | 1 | 0.3 |
|  | 7 | 0.3 |
|  | 28 | 0.6 |
|  | n5 | 0.6 |
| DC\_1-7-28\_n7 | 1 | 0.5 |
|  | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n7 | 0.6 |
| DC\_1-7-28\_n40 | 1 | 0.6 |
|  | 7 | 0.8 |
|  | 28 | 0.6 |
|  | n40 | 0.9 |
| DC\_1-7-28\_n78 | 1 | 0.6 |
|  | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-7\_n28-n78 | 1 | 0.6 |
|  | 7 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-7-32\_n28 | 1 | 0.5 |
|  | 7 | 0.6 |
|  | n28 | 0.7 |
| DC\_1-7-32\_n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-38\_n28 | 1 | 0.3 |
|  | n28 | 0.6 |
| DC\_1-7-40\_n78 | 1 | 0.6 |
|  | 7 | 0.5 |
|  | 40 | 0.39 |
|  | n78 | 0.89 |
| DC\_1-7\_n40-n78 | 1 | 0.6 |
|  | 7 | 0.5 |
|  | n40 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-8\_n3-n28 | 1 | 0.3 |
|  | 8 | 0.6 |
|  | n3 | 0.3 |
|  | n28 | 0.6 |
| DC\_1-8\_n3-n77 | 1 | 0.6 |
|  | 8 | 0.6 |
|  | n3 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-8-11\_n3 | 1 | 0.3 |
|  | 8 | 0.3 |
|  | 11 | 0.8 |
|  | n3 | 0.9 |
| DC\_1-8-11\_n28 | 1 | 0.3 |
|  | 8 | 0.6 |
|  | 11 | 0.4 |
|  | n28 | 0.6 |
| DC\_1-8-11\_n77 | 1 | 0.6 |
|  | 8 | 0.6 |
|  | 11 | 0.4 |
|  | n77 | 0.8 |
| DC\_1-8-11\_n78 | 1 | 0.3 |
|  | 8 | 0.6 |
|  | 11 | 0.4 |
|  | n78 | 0.8 |
| DC\_1-8-20\_n78 | 1 | 0.3 |
|  | 8 | 0.6 |
|  | 20 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-8\_n28-n77 | 1 | 0.6 |
|  | 8 | 0.6 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-8\_n28-n78 | 1 | 0.3 |
|  | 8 | 0.6 |
|  | n28 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-8-40\_n78 | 1 | 0.6 |
|  | 8 | 0.6 |
|  | 40 | 0.39 |
|  | n78 | 0.89 |
| DC\_1-8-42\_n3 | 1 | 0.3 |
|  | 8 | 0.6 |
|  | 42 | 0.8 |
|  | n3 | 0.6 |
| DC\_1-8-42\_n28 | 1 | 0.3 |
|  | 8 | 0.6 |
|  | 42 | 0.8 |
|  | n28 | 0.8 |
| DC\_1-8\_n40-n78 | 1 | 0.5 |
|  | 8 | 0.3 |
|  | n40 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-8-42\_n77 | 1 | 0.6 |
|  | 8 | 0.6 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-11\_n3-n28 | 1 | 0.3 |
|  | 11 | 0.8 |
|  | n3 | 0.9 |
|  | n28 | 0.6 |
| DC\_1-11\_n3-n77 | 1 | 0.6 |
|  | 11 | 0.8 |
|  | n3 | 0.9 |
|  | n77 | 0.8 |
| DC\_1-11-18\_n3 | 1 | 0.3 |
|  | 11 | 0.9 |
|  | 18 | 0.3 |
|  | n3 | 0.8 |
| DC\_1-11-18\_n28 | 1 | 0.3 |
|  | 11 | 0.4 |
|  | 18 | 0.4 |
|  | n28 | 0.6 |
| DC\_1-11-18\_n41 | 1 | 0.5 |
|  | 11 | 0.4 |
|  | 18 | 0.3 |
|  | n41 | 0.5 |
| DC\_1-11-18\_n77 | 1 | 0.6 |
|  | 11 | 0.4 |
|  | 18 | 0.3 |
|  | n77 | 0.8 |
| DC\_1-11-18\_n78 | 1 | 0.3 |
|  | 11 | 0.4 |
|  | 18 | 0.3 |
|  | n78 | 0.8 |
| DC\_1-18\_n3-n41 | 1 | 0.3 |
|  | 18 | 0.3 |
|  | n3 | 0.3 |
|  | n41 | 0.34 |
| DC\_1-18\_n3-n77 | 1 | 0.6 |
|  | 18 | 0.3 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-18\_n3-n78 | 1 | 0.6 |
|  | 18 | 0.3 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-18\_n28-n41 | 1 | 0.3 |
|  | 18 | 0.3 |
|  | n28 | 0.5 |
|  | n41 | 0.34 |
| DC\_1-18-28\_n77  DC\_1-18\_n28-n77 | 1 | 0.3 |
|  | 18 | 0.5 |
|  | 28 | 0.5 |
|  | n77 | 0.8 |
| DC\_1-18-28\_n78  DC\_1-18\_n28-n78 | 1 | 0.3 |
|  | 18 | 0.5 |
|  | 28 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-18-28\_n79 | 1 | 0.3 |
|  | 18 | 0.5 |
|  | 28 | 0.5 |
| DC\_1-18-41\_n77  DC\_1-18\_n41-n77 | 1 | 0.6 |
|  | 18 | 0.3 |
|  | 41/n41 | 0.5 |
|  | n77 | 0.8 |
| DC\_1-18-41\_n78  DC\_1-18\_n41-n78 | 1 | 0.5 |
|  | 18 | 0.3 |
|  | 41/n41 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-18-42\_n77 | 1 | 0.3 |
|  | 18 | 0.3 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-18-42\_n78 | 1 | 0.3 |
|  | 18 | 0.3 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-18-42\_n79 | 1 | 0.3 |
|  | 18 | 0.3 |
|  | 42 | 0.8 |
| DC\_1-19-42\_n77 | 1 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-19-42\_n78 | 1 | 0.3 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-19-42\_n79 | 1 | 0.3 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
| DC\_1-19\_n77-n79 | 1 | 0.3 |
|  | 19 | 0.3 |
|  | n77 | 0.8 |
| DC\_1-19\_n78-n79 | 1 | 0.3 |
|  | 19 | 0.3 |
|  | n78 | 0.8 |
| DC\_1-20\_n3-n38 | 1 | 0.5 |
|  | 20 | 0.3 |
|  | n3 | 0.3 |
|  | n38 | 0.5 |
| DC\_1-20\_n3-n78 | 1 | 0.3 |
|  | 20 | 0.6 |
|  | n3 | 0.3 |
|  | n78 | 0.8 |
| DC\_1-20\_n8-n78 | 1 | 0.3 |
|  | 20 | 0.6 |
|  | n8 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-20\_n28-n78 | 1 | 0.3 |
|  | 20 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-20-32\_n3 | 1 | 0.5 |
|  | 20 | 0.3 |
|  | n3 | 0.5 |
| DC\_1-20-32\_n28 | 1 | 0.3 |
| 20 | 0.6 |
| n28 | 0.7 |
| DC\_1-20-32\_n78 | 1 | 0.3 |
| 20 | 0.3 |
| n78 | 0.8 |
| DC\_1-20\_(n)38 | 1 | 0.5 |
|  | 20 | 0.3 |
|  | 38 | 0.5 |
|  | n38 | 0.5 |
| DC\_1-20-38\_n78 | 1 | 0.3 |
|  | 20 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-20-40\_n78 | 1 | 0.5 |
|  | 20 | 0.3 |
|  | 40 | 0.59 |
|  | n78 | 0.89 |
| DC\_1-20\_n41-n78 | 1 | 0.5 |
|  | 20 | 0.3 |
|  | n41 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-21-28\_n77 | 1 | 0.6 |
|  | 21 | 0.4 |
|  | 28 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-21-28\_n78 | 1 | 0.3 |
|  | 21 | 0.4 |
|  | 28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-21-28\_n79 | 1 | 0.3 |
|  | 21 | 0.4 |
|  | 28 | 0.6 |
| DC\_1-21\_n28-n77 | 1 | 0.3 |
|  | 21 | 0.4 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-21\_n28-n78 | 1 | 0.6 |
|  | 21 | 0.4 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-21\_n28-n79 | 1 | 0.3 |
|  | 21 | 0.4 |
|  | n28 | 0.6 |
| DC\_1-21-42\_n77 | 1 | 0.6 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-21-42\_n78 | 1 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-21-42\_n79 | 1 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
| DC\_1-21\_n77-n79 | 1 | 0.3 |
|  | 21 | 0.3 |
|  | n77 | 0.8 |
| DC\_1-21\_n78-n79 | 1 | 0.3 |
|  | 21 | 0.3 |
|  | n78 | 0.8 |
| DC\_1-28\_n3-n77 | 1 | 0.6 |
|  | 28 | 0.6 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-28\_n3-n78 | 1 | 0.6 |
|  | 28 | 0.6 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-28\_n7-n78 | 1 | 0.6 |
|  | 28 | 0.6 |
|  | n7 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-28-40\_n78 | 1 | 0.5 |
|  | 28 | 0.5 |
|  | 40 | 0.36 |
|  | n78 | 0.86 |
| DC\_1-28\_n40-n78 | 1 | 0.5 |
|  | 28 | 0.5 |
|  | n40 | 0.36 |
|  | n78 | 0.86 |
| DC\_1-28-42\_n77 | 1 | 0.6 |
|  | 28 | 0.6 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-28-42\_n78 | 1 | 0.3 |
|  | 28 | 0.6 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-28-42\_n79 | 1 | 0.3 |
|  | 28 | 0.6 |
|  | 42 | 0.8 |
| DC\_1\_n28-n77-n79 | 1 | 0.6 |
| n28 | 0.6 |
| n77 | 0.8 |
| n79 | 0.5 |
| DC\_1\_n28-n78-n79 | 1 | 0.3 |
| n28 | 0.6 |
| n78 | 0.8 |
| n79 | 0.5 |
| DC\_1-41\_n3-n41 | 1 | 0.5 |
|  | 41 | 0.34/0.85 |
|  | n3 | 0.5 |
|  | n41 | 0.34/0.85 |
| DC\_1-41\_n3-n77 | 1 | 0.6 |
|  | 41 | 0.34/0.85 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-41\_n3-n78 | 1 | 0.6 |
|  | 41 | 0.34/0.85 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-41\_n28-n41 | 1 | 0.5 |
|  | 41 | 0.34/0.85 |
|  | n28 | 0.5 |
|  | n41 | 0.34/0.85 |
| DC\_1-41\_n28-n77 | 1 | 0.6 |
|  | 41 | 0.5 |
|  | n28 | 0.5 |
|  | n77 | 0.8 |
| DC\_1-41\_n28-n78 | 1 | 0.5 |
|  | 41 | 0.5 |
|  | n28 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-41\_n41-n77 | 1 | 0.5 |
|  | 41 | 0.5 |
|  | n41 | 0.5 |
|  | n77 | 0.8 |
| DC\_1-41\_n41-n78 | 1 | 0.5 |
|  | 41 | 0.5 |
|  | n41 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-41-42\_n77 | 1 | 0.5 |
|  | 41 | 0.5 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-41-42\_n78 | 1 | 0.5 |
|  | 41 | 0.5 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-41-42\_n79 | 1 | 0.5 |
|  | 41 | 0.5 |
|  | 42 | 0.8 |
| DC\_1-42\_n3-n28 | 1 | 0.3 |
|  | 42 | 0.8 |
|  | n3 | 0.6 |
|  | n28 | 0.8 |
| DC\_1-42\_n3-n77 | 1 | 0.6 |
|  | 42 | 0.8 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-42\_n77-n79 | 1 | 0.6 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-42\_n28-n77 | 1 | 0.6 |
|  | 42 | 0.8 |
|  | n28 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-42\_n78-n79 | 1 | 0.3 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_2-4-7\_n28 | 2 | 0.5 |
|  | 4 | 0.5 |
|  | 7 | 0.5 |
|  | n28 | 0.6 |
| DC\_2-5-7\_n2 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 7 | 0.5 |
|  | n2 | 0.3 |
| DC\_2-5-7\_n7 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 7 | 0.5 |
|  | n7 | 0.5 |
| DC\_2-5-7\_n66  DC\_2-2-5-7\_n66  DC\_2-5-7-7\_n66 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 7 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-5\_(n)12 | 2 | 0.3 |
|  | 5 | 0.8 |
|  | 12 | 0.4 |
|  | n12 | 0.4 |
| DC\_2-12\_(n)5 | 5 | 0.5 |
|  | 12 | 0.3 |
|  | n5 | 0.5 |
| DC\_2-5-30\_n2 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 30 | 0.3 |
|  | n2 | 0.5 |
| DC\_2-5-30\_n66 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 30 | 0.3 |
|  | n66 | 0.5 |
| DC\_2-5-48\_n12 | 2 | 0.6 |
|  | 5 | 0.8 |
|  | 48 | 0.8 |
|  | n12 | 0.4 |
| DC\_2-5-48\_n71 | 2 | 0.6 |
|  | 5 | 0.5 |
|  | 48 | 0.8 |
|  | n71 | 0.5 |
| DC\_2-5-66\_n2 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-5-66\_n5 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 66 | 0.5 |
|  | n5 | 0.3 |
| DC\_2-5-66\_n7 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_2-5-66\_n12 | 2 | 0.3 |
|  | 5 | 0.5 |
|  | 66 | 0.5 |
|  | n12 | 0.3 |
| DC\_2-5-66\_n48  DC\_2-5-66-66\_n48 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 66 | 0.5 |
|  | n48 | 0.8 |
| DC\_2-5-66\_n66  DC\_2-5-5-66\_n66  DC\_2-5-66-66\_n66  DC\_2-2-5-66-66\_n66  DC\_2-5-5-66-66\_n66 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-5-66\_n71 | 2 | 0.5 |
|  | 5 | 0.5 |
|  | 66 | 0.5 |
|  | n71 | 0.5 |
| DC\_2-5-66\_n77  DC\_2-2-5-66\_n77  DC\_2-5-66-66\_n77 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 66 | 0.5 |
|  | n77 | 0.8 |
| DC\_2-7-12\_n2 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 12 | 0.3 |
|  | n2 | 0.5 |
| DC\_2-7-12\_n66 DC\_2-2-7-12\_n66 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 12 | 0.8 |
|  | n66 | 0.5 |
| DC\_2-7-12\_n78 DC\_2-2-7-12\_n78 | 2 | 0.6 |
|  | 7 | 0.6 |
|  | 12 | 0.6 |
|  | n78 | 0.8 |
| DC\_2-7-13\_n66  DC\_2-7-7-13\_n66  DC\_2-2-7-7-13\_n66 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 13 | 0.3 |
|  | n66 | 0.5 |
| DC\_2-7\_n25-n66 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | n25 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7-28\_n7 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 28 | 0.3 |
|  | n7 | 0.5 |
| DC\_2-7-28\_n66 | **2** | **0.5** |
|  | 7 | 0.5 |
|  | 28 | 0.6 |
|  | n66 | 0.5 |
| DC\_2-7\_n38-n66  DC\_2-7-7\_n38-n66 | 2 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7\_n38-n78  DC\_2-7-7\_n38-n78 | 2 | 0.6 |
|  | n78 | 0.8 |
| DC\_2-7-66\_n2 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-7-66\_n7  DC\_2-7-66-66\_n7 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_2-7-66\_n28 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n28 | 0.6 |
| DC\_2-7-66\_n38  DC\_2-2-7-66\_n38 | 2 | 0.5 |
|  | 66 | 0.5 |
| DC\_2-7-66\_n66, DC\_2-7-7-66\_n66 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n66 |  |
| DC\_2-7-66\_n71, DC\_2-2-7-66\_n71 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n71 | 0.3 |
| DC\_2-7-66\_n77 | 2 | 0.6 |
|  | 7 | 0.5 |
|  | 66 | 0.6 |
|  | n77 | 0.8 |
| DC\_2-7-66\_n78  DC\_2-7-7-66\_n78  DC\_2-7-66-66\_n78  DC\_2-7-7-66-66\_n78  DC\_2-7\_n66-n78  DC\_2-7-7\_n66-n78 | 2 | 0.6 |
|  | 7 | 0.5 |
|  | 66 | 0.6 |
|  | n78 | 0.8 |
| DC\_2-7-71\_n2 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 71 | 0.6 |
|  | n2 | 0.5 |
| DC\_2-7-71\_n66 DC\_2-2-7-71\_n66 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 71 | 0.3 |
|  | n66 | 0.5 |
| DC\_2-7-71\_n78 DC\_2-2-7 -71\_n78 | 2 | 0.6 |
|  | 7 | 0.6 |
|  | 71 | 0.6 |
|  | n78 | 0.8 |
| DC\_2-12-30\_n2 | 2 | 0.5 |
|  | 12 | 0.3 |
|  | 30 | 0.3 |
|  | n2 | 0.5 |
| DC\_2-12-30\_n66 | 2 | 0.5 |
|  | 12 | 0.8 |
|  | 30 | 0.3 |
|  | n66 | 0.5 |
| DC\_2-12-48\_n5 | 2 | 0.6 |
|  | 12 | 0.4 |
|  | 48 | 0.8 |
|  | n5 | 0.8 |
| DC\_2-12-66\_n5 | 2 | 0.5 |
|  | 12 | 0.8 |
|  | 66 | 0.5 |
|  | n5 | 0.8 |
| DC\_2-12-66\_n2 | 2 | 0.5 |
|  | 12 | 0.3 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-12-66\_n66 | 2 | 0.5 |
|  | 12 | 0.8 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-12-66\_n78 DC\_2-2-12-66\_n78 | 2 | 0.6 |
|  | 12 | 0.3 |
|  | 66 | 0.6 |
|  | n78 | 0.8 |
| DC\_2-13\_n25-n66 | 2 | 0.5 |
|  | 13 | 0.3 |
|  | n25 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-13-48\_n77 | 2 | 0.6 |
|  | 13 | 0.3 |
|  | 48 | 0.8 |
|  | n77 | 0.8 |
| DC\_2-13-66\_n2 | 2 | 0.5 |
|  | 13 | 0.3 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-13-66\_n5 | 2 | 0.5 |
|  | 13 | 0.3 |
|  | 66 | 0.5 |
|  | n5 | 0.3 |
| DC\_2-13-66\_n48 | 2 | 0.6 |
|  | 13 | 0.3 |
|  | 66 | 0.6 |
|  | n48 | 0.8 |
| DC\_2-13-66\_n66 | 2 | 0.5 |
|  | 13 | 0.3 |
|  | 66 | 0.5 |
|  | n66 |  |
| DC\_2-13-66\_n77  DC\_2-2-13-66\_n77  DC\_2-13-66-66\_n77 | 2 | 0.5 |
|  | 13 | 0.3 |
|  | 66 | 0.5 |
|  | n77 | 0.8 |
| DC\_2-13\_n66-n77 | 2 | 0.6 |
|  | 13 | 0.3 |
|  | n66 | 0.6 |
|  | n77 | 0.8 |
| DC\_2-14-30\_n2 | 2 | 0.5 |
|  | 14 | 0.3 |
|  | 30 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-14-30\_n66 | 2 | 0.5 |
|  | 14 | 0.3 |
|  | 30 | 0.3 |
|  | n66 | 0.5 |
| DC\_2-14-66\_n2  DC\_2-14-66-66\_n2 | 2 | 0.5 |
|  | 14 | 0.3 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-14-66\_n66  DC\_2-2-14-66\_n66 | 2 | 0.5 |
|  | 14 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-28-66\_n7 | 2 | 0.5 |
|  | 28 | 0.6 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_2-28-66\_n66 | 2 | 0.5 |
|  | 28 | 0.6 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-29-30\_n2 | 2 | 0.5 |
|  | 30 | 0.3 |
|  | n2 | 0.5 |
| DC\_2-29-30\_n66 | 2 | 0.5 |
|  | 30 | 0.3 |
|  | n66 | 0.5 |
| DC\_2-29-66\_n2  DC\_2-29-66-66\_n2 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-29-66\_n66 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-29-66\_n78 | 2 | 0.6 |
|  | 66 | 0.6 |
|  | n78 | 0.8 |
| DC\_2-30-66\_n2  DC\_2-30-66-66\_n2 | 2 | 0.5 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-30-66\_n5 | 2 | 0.5 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n5 | 0.3 |
| DC\_2-30-66\_n66 | 2 | 0.5 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-46\_n41-n66 | 2 | 0.5 |
|  | n41 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-46\_n41-n71 | 2 | 0.5 |
|  | n41 | 0.5 |
|  | n71 | 0.6 |
| DC\_2-46-48\_n2 | 2 | 0.6 |
|  | 48 | 0.8 |
|  | n2 | 0.6 |
| DC\_2-46-48\_n5 | 2 | 0.6 |
|  | 48 | 0.8 |
|  | n5 | 0.3 |
| DC\_2-46-48\_n66 | 2 | 0.6 |
|  | 48 | 0.8 |
|  | n66 | 0.6 |
| DC\_2-46-66\_n5 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | n5 | 0.3 |
| DC\_2-46-66\_n41 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | n41 | 0.81 |
|  |  | 1.32 |
| DC\_2-46-66\_n71 | 66 | 0.3 |
|  | n71 | 0.3 |
| DC\_2-48-66\_n77 | 2 | 0.6 |
|  | 48 | 0.8 |
|  | 66 | 0.6 |
|  | n77 | 0.8 |
| DC\_2-48\_n48-n66 | 2 | 0.6 |
|  | 48 | 0.8 |
|  | n48 | 0.8 |
|  | n66 | 0.6 |
| DC\_2-48\_(n)5 | 2 | 0.6 |
|  | 5 | 0.3 |
|  | 48 | 0.8 |
|  | n5 | 0.3 |
| DC\_2-46\_n66\_n71 | 2 | 0.5 |
|  | n66 | 0.5 |
|  | n71 | 0.3 |
| DC\_2-48-66\_n2 | 2 | 0.6 |
|  | 48 | 0.8 |
|  | 66 | 0.6 |
|  | n2 | 0.6 |
| DC\_2-48-66\_n5 | 2 | 0.6 |
|  | 48 | 0.8 |
|  | 66 | 0.6 |
| DC\_2-48-66\_n12 | 2 | 0.6 |
|  | 48 | 0.8 |
|  | 66 | 0.6 |
|  | n12 | 0.3 |
| DC\_2-48-66\_n66 | 2 | 0.6 |
|  | 48 | 0.8 |
|  | 66 | 0.6 |
|  | n66 | 0.6 |
| DC\_2-48-66\_n71 | 2 | 0.6 |
|  | 48 | 0.8 |
|  | 66 | 0.6 |
|  | n71 | 0.3 |
| DC\_2-66\_(n)5 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 66 | 0.5 |
|  | n5 | 0.3 |
| DC\_2-66\_n5-n77 | 2 | 0.6 |
|  | 66 | 0.6 |
|  | n5 | 0.3 |
|  | n77 | 0.8 |
| DC\_2-66\_n25-n66 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | n25 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-66\_n38-n78 | 2 | 0.6 |
|  | 66 | 0.6 |
|  | n38 | 0.9 |
|  | n78 | 0.8 |
| DC\_2-66\_n41-n71 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | n41 | 0.81 |
|  |  | 1.32 |
|  | n71 | 0.8 |
| DC\_2-66\_n66-n77 | 2 | 0.6 |
|  | 66 | 0.6 |
|  | n66 | 0.6 |
|  | n77 | 0.8 |
| DC\_2-66\_n66-n78 | 2 | 0.6 |
|  | 66 | 0.6 |
|  | n66 | 0.6 |
|  | n78 | 0.8 |
| DC\_2-66-71\_n2 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | 71 | 0.3 |
|  | n2 | 0.5 |
| DC\_2-66-71\_n38  DC\_2-2-66-71\_n38 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | 71 | 0.3 |
|  | n38 | 0.5 |
| DC\_2-66-71\_n41 DC\_2-2-66-71\_n41 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | 71 | 0.8 |
|  | n41 | 0.81 |
| 1.32 |
| DC\_2-66-71\_n66 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | 71 | 0.3 |
|  | n66 | 0.5 |
| DC\_2-66-(n)71 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | 71 | 0.3 |
|  | n71 |  |
| DC\_2-66-71\_n71 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | 71 | 0.3 |
|  | n71 |  |
| DC\_2-66-71\_n78  DC\_2-2-66-71\_n78 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | 71 | 0.3 |
|  | n78 | 0.5 |
| DC\_3\_n1-n77-n79 | 3 | 0.6 |
| n1 | 0.6 |
| n77 | 0.8 |
| n79 | 0.5 |
| DC\_3\_n1-n78-n79 | 3 | 0.6 |
| n1 | 0.3 |
| n78 | 0.8 |
| n79 | 0.5 |
| DC\_3-5-7\_n78, DC\_3-5-7-7\_n78 | 3 | 0.6 |
|  | 5 | 0.6 |
|  | 7 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-5-41\_n79 | 3 | 0.5 |
|  | 5 | 0.33 |
|  | 41 | 0.34/0.85 |
| DC\_3-7\_n1-n8, | 3 | 0.6 |
| DC\_3-3-7\_n1-n8, | 7 | 0.6 |
| DC\_3-7-7\_n1-n8, | n1 | 0.6 |
| DC\_3-3-7-7\_n1-n8 | n8 | 0.6 |
| DC\_3-7\_n1-n40 | 3 | 0.6 |
|  | 7 | 0.8 |
|  | n1 | 0.6 |
|  | n40 | 0.9 |
| DC\_3-7\_n1-n78 | 3 | 0.7 |
|  | 7 | 0.7 |
|  | n1 | 0.7 |
|  | n78 | 0.8 |
| DC\_3-7\_n3-n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7\_n7-n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | n7 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7-8\_n1  DC\_3-3-7-8\_n1  DC\_3-7-7-8\_n1  DC\_3-3-7-7-8\_n1 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 8 | 0.6 |
|  | n1 | 0.6 |
| DC\_3-7-8\_n28 | 3 | 0.5 |
|  | 7 | 0.5 |
|  | 8 | 0.6 |
|  | n28 | 0.5 |
| DC\_3-7-8\_n40 | 3 | 0.5 |
|  | 7 | 0.5 |
|  | 8 | 0.6 |
|  | n40 | 0.6 |
| DC\_3-7-8\_n77 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 8 | 0.6 |
|  | n77 | 0.8 |
| DC\_3-7-8\_n78  DC\_3-3-7-8\_n78  DC\_3-7-7-8\_n78  DC\_3-3-7-7-8\_n78 | 3 | 0.6 |
| DC\_3-7\_n8-n78,  DC\_3-3-7\_n8-n78, DC\_3-7-7\_n8-n78, DC\_3-3-7-7\_n8-n78 | 7 | 0.6 |
|  | 8 or n8 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7-20\_n1 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.3 |
|  | n1 | 0.6 |
| DC\_3-7-20\_n8 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | n8 | 0.6 |
| DC\_3-7-20\_n28 | 3 | 0.5 |
|  | 7 | 0.5 |
|  | 20 | 0.6 |
|  | n28 | 0.5 |
| DC\_3-7-20\_n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.3 |
|  | n78 | 0.8 |
| DC\_3-7-28\_n1 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 28 | 0.5 |
|  | n1 | 0.6 |
| DC\_3-7-28\_n3 | 3 | 0.5 |
|  | 7 | 0.5 |
|  | 28 | 0.3 |
|  | n3 | 0.5 |
| DC\_3-7-28\_n5 | 3 | 0.5 |
|  | 7 | 0.5 |
|  | 28 | 0.4 |
|  | n5 | 0.4 |
| DC\_3-7-28\_n7 | 3 | 0.5 |
|  | 7 | 0.5 |
|  | 28 | 0.3 |
|  | n7 | 0.5 |
| DC\_3-7-28\_n40 | 3 | 0.6 |
|  | 7 | 0.8 |
|  | 28 | 0.3 |
|  | n40 | 0.9 |
| DC\_3-7-28\_n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7\_n28-n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7-32\_n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7-38\_n28 | 3 | 0.3 |
|  | n28 | 0.3 |
| DC\_3-7-40\_n1 | 3 | 0.6 |
|  | 7 | 0.8 |
|  | 40 | 0.9 |
|  | n1 | 0.6 |
| DC\_3-7-40\_n78 | 3 | 0.6 |
|  | 7 | 0.5 |
|  | 40 | 0.39 |
|  | n78 | 0.89 |
| DC\_3-7\_n40-n78 | 3 | 0.6 |
|  | 7 | 0.5 |
|  | n40 | 0.5 |
|  | n78 | 0.8 |
| DC\_3-7\_SUL\_n78-n80 | 7 | 0.6 |
|  | 3, n80 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-8\_n1-n40 | 3 | 0.5 |
|  | 8 | 0.5 |
|  | n1 | 0.5 |
|  | n40 | 0.6 |
| DC\_3-8\_n1-n78  DC\_3-3-8\_n1-n78 | 3 | 0.6 |
|  | 8 | 0.6 |
|  | n1 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-8-11\_n28 | 3 | 0.8 |
|  | 8 | 0.6 |
|  | 11 | 0.9 |
|  | n28 | 0.6 |
| DC\_3-8-11\_n77 | 3 | 0.8 |
|  | 8 | 0.6 |
|  | 11 | 0.9 |
|  | n77 | 0.8 |
| DC\_3-8-20\_n78 | 3 | 0.6 |
|  | 8 | 0.6 |
|  | 20 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-8\_n28-n77 | 3 | 0.6 |
|  | 8 | 0.6 |
|  | n28 | 0.5 |
|  | n77 | 0.8 |
| DC\_3-8\_n28-n78 | 3 | 0.6 |
|  | 8 | 0.6 |
|  | n28 | 0.5 |
|  | n78 | 0.8 |
| DC\_3-8-40\_n1 | 3 | 0.5 |
|  | 8 | 0.5 |
|  | 40 | 0.6 |
|  | n1 | 0.5 |
| DC\_3-8-40\_n78 | 3 | 0.6 |
|  | 8 | 0.6 |
|  | 40 | 0.39 |
|  | n78 | 0.89 |
| DC\_3-8\_n40-n78 | 3 | 0.6 |
|  | 8 | 0.3 |
|  | n40 | 0.5 |
|  | n78 | 0.8 |
| DC\_3-8-42\_n77 | 3 | 0.6 |
|  | 8 | 0.6 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_3-8\_SUL\_n78-n80 | 3, n80 | 0.6 |
|  | 8 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-11\_n28-n77 | 3 | 0.8 |
|  | 11 | 0.9 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_3-18\_n3-n41 | 3 | 0.6 |
|  | 18 | 0.3 |
|  | n3 | 0.6 |
|  | n41 | 0.34/0.85 |
| DC\_3-18\_n3-n77 | 3 | 0.6 |
|  | 18 | 0.3 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| DC\_3-18\_n3-n78 | 3 | 0.6 |
|  | 18 | 0.3 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-18\_n28-n41 | 3 | 0.6 |
|  | 18 | 0.3 |
|  | n28 | 0.5 |
|  | n41 | 0.34/0.85 |
| DC\_3-18\_n28-n77 | 3 | 0.6 |
|  | 18 | 0.3 |
|  | n28 | 0.5 |
|  | n77 | 0.8 |
| DC\_3-18\_n28-n78 | 3 | 0.6 |
|  | 18 | 0.3 |
|  | n28 | 0.5 |
|  | n78 | 0.8 |
| DC\_3-18\_n41-n77 | 3 | 0.6 |
|  | 18 | 0.3 |
|  | n41 | 0.5 |
|  | n77 | 0.8 |
| DC\_3-18\_n41-n78 | 3 | 0.6 |
|  | 18 | 0.3 |
|  | n41 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-18-42\_n77 | 3 | 0.3 |
|  | 18 | 0.3 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_3-18-42\_n78 | 3 | 0.3 |
|  | 18 | 0.3 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_3-18-42\_n79 | 3 | 0.6 |
|  | 18 | 0.3 |
|  | 42 | 0.8 |
| DC\_3-19\_n1-n77 | 3 | 0.6 |
|  | 19 | 0.3 |
|  | n1 | 0.6 |
|  | n77 | 0.8 |
| DC\_3-19\_n1-n78 | 3 | 0.6 |
|  | 19 | 0.3 |
|  | n1 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-19\_n1-n79 | 3 | 0.3 |
|  | 19 | 0.3 |
|  | n1 | 0.3 |
| DC\_3-19-21\_n77 | 3 | 0.8 |
|  | 19 | 0.3 |
|  | 21 | 0.9 |
|  | n77 | 0.8 |
| DC\_3-19-21\_n78 | 3 | 0.8 |
|  | 19 | 0.3 |
|  | 21 | 0.9 |
|  | n78 | 0.8 |
| DC\_3-19-21\_n79 | 3 | 0.8 |
|  | 19 | 0.3 |
|  | 21 | 0.9 |
| DC\_3-19-42\_n1 | 3 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
| DC\_3-19-42\_n77 | 3 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_3-19-42\_n78 | 3 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_3-19-42\_n79 | 3 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
| DC\_3-19\_n77-n79 | 3 | 0.6 |
|  | 19 | 0.3 |
|  | n77 | 0.8 |
| DC\_3-19\_n78-n79 | 3 | 0.6 |
|  | 19 | 0.3 |
|  | n78 | 0.8 |
| DC\_3-20\_n1-n7 | 3 | 0.6 |
|  | 20 | 0.3 |
|  | n1 | 0.6 |
|  | n7 | 0.6 |
| DC\_3-20\_n1-n28 | 3 | 0.3 |
|  | 20 | 0.3 |
|  | n1 | 0.6 |
|  | n28 | 0.6 |
| DC\_3-20\_n1-n78 | 3 | 0.6 |
|  | 20 | 0.3 |
|  | n1 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-20\_n1-n28 | 3 | 0.6 |
|  | 20 | 0.3 |
|  | n1 | 0.6 |
|  | n28 | 0.8 |
| DC\_3-20\_n7-n28 | 3 | 0.5 |
|  | 20 | 0.5 |
|  | n7 | 0.5 |
|  | n28 | 0.5 |
| DC\_3-20\_n8-n78 | 3 | 0.6 |
|  | 20 | 0.6 |
|  | n8 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-20-28\_n1 | 3 | 0.3 |
|  | 20 | 0.6 |
|  | 28 | 0.6 |
|  | n1 | 0.3 |
| DC\_3-20\_n28-n78 | 3 | 0.6 |
|  | 20 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-20-32\_n1 | 3 | 0.5 |
|  | 20 | 0.3 |
|  | n1 | 0.5 |
| DC\_3-20-32\_n78 | 3 | 0.5 |
|  | 20 | 0.3 |
|  | n78 | 0.8 |
| DC\_3-20-38\_n78  DC\_3-20\_n38-n78 | 3 | 0.6 |
|  | 20 | 0.6 |
|  | 38 or n38 | 0.5 |
|  | n78 | 0.8 |
| DC\_3-20-40\_n78 | 3 | 0.6 |
|  | 20 | 0.5 |
|  | 40 | 0.36 |
|  | n78 | 0.86 |
| DC\_3-20\_n41-n78 | 3 | 0.5 |
|  | 20 | 0.3 |
|  | n41 | 0.5 |
|  | n78 | 0.8 |
| DC\_3\_20\_SUL\_n78-n80 | 3, n80 | 0.5 |
|  | 20 | 0.3 |
|  | n78 | 0.8 |
| DC\_3-21\_n1-n77 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n1 | 0.6 |
|  | n77 | 0.8 |
| DC\_3-21\_n1-n78 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n1 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-21\_n1-n79 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n1 | 0.3 |
| DC\_3-21\_n28-n77 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n28 | 0.5 |
|  | n77 | 0.8 |
| DC\_3-21\_n28-n78 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n28 | 0.5 |
|  | n78 | 0.8 |
| DC\_3-21\_n28-n79 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n28 | 0.3 |
| DC\_3-21-42\_n1 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
| DC\_3-21-42\_n77 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_3-21-42\_n78 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_3-21-42\_n79 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
| DC\_3-21\_n77-n79 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n77 | 0.8 |
| DC\_3-21\_n78-n79 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n78 | 0.8 |
| DC\_3-28\_n1-n40 | 3 | 0.5 |
|  | 28 | 0.6 |
|  | n1 | 0.5 |
|  | n40 | 0.5 |
| DC\_3-28\_n1-n78 | 3 | 0.6 |
|  | 28 | 0.6 |
|  | n1 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-28\_n3-n78 | 3 | 0.5 |
|  | 28 | 0.3 |
|  | n3 | 0.5 |
|  | n78 | 0.8 |
| DC\_3-28\_n7-n78  DC\_3-3-28\_n7-n78 | 3 | 1 |
|  | 28 | 0.5 |
|  | n7 | 0.8 |
|  | n78 | 0.8 |
| DC\_3-28-40\_n78 | 3 | 0.6 |
|  | 28 | 0.5 |
|  | 40 | 0.36 |
|  | n78 | 0.86 |
| DC\_3-28\_n40-n78 | 3 | 0.6 |
|  | 28 | 0.5 |
|  | n40 | 0.36 |
|  | n78 | 0.86 |
| DC\_3-28-41\_n78 | 3 | 1 |
|  | 28 | 0.5 |
|  | 41 | 0.34/0.85 |
|  | n78 | 0.8 |
| DC\_3-28-42\_n77 | 3 | 0.6 |
|  | 28 | 0.5 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_3-28-42\_n78 | 3 | 0.6 |
|  | 28 | 0.5 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_3-28-42\_n79 | 3 | 0.6 |
|  | 28 | 0.5 |
|  | 42 | 0.8 |
| DC\_3\_n28-n77-n79 | 3 | 0.6 |
| n28 | 0.5 |
| n77 | 0.8 |
| n79 | 0.5 |
| DC\_3\_n28-n78-n79 | 3 | 0.6 |
| n28 | 0.5 |
| n78 | 0.8 |
| n79 | 0.5 |
| DC\_3-40\_n1-n78 | n1 | 0.5 |
|  | 3 | 0.6 |
|  | 40 | 0.36 |
|  | n78 | 0.86 |
| DC\_3-41\_n3-n41 | 3 | 0.5 |
|  | 41 | 0.34/0.85 |
|  | n3 | 0.5 |
|  | n41 | 0.34/0.85 |
| DC\_3-41\_n3-n77 | 3 | 0.6 |
|  | 41 | 0.34/0.85 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| DC\_3-41\_n3-n78 | 3 | 0.6 |
|  | 41 | 0.34/0.85 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-41\_n28-n41 | 3 | 0.6 |
|  | 41 | 0.34/0.84 |
|  | n28 | 0.5 |
|  | n41 | 0.34/0.84 |
| DC\_3-41\_n28-n77 | 3 | 0.6 |
|  | 41 | 0.34/0.85 |
|  | n28 | 0.5 |
|  | n77 | 0.8 |
| DC\_3-41\_n28-n78 | 3 | 1.0 |
|  | 41 | 0.34/0.85 |
|  | n28 | 0.5 |
|  | n78 | 0.8 |
| DC\_3-41\_n41-n77 | 3 | 0.6 |
|  | 41 | 0.34/0.85 |
|  | n41 | 0.34/0.85 |
|  | n77 | 0.8 |
| DC\_3-41\_n41-n78 | 3 | 0.6 |
|  | 41 | 0.34/0.85 |
|  | n41 | 0.34/0.85 |
|  | n78 | 0.8 |
| DC\_3-41-42\_n77 | 3 | 1 |
|  | 41 | 0.34/0.85 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_3-41-42\_n78 | 3 | 1 |
|  | 41 | 0.34/0.85 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_3-41-42\_n79 | 3 | 1 |
|  | 41 | 0.34/0.85 |
|  | 42 | 0.8 |
| DC\_3-42\_n1-n77 | 3 | 0.6 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
|  | n77 | 0.8 |
| DC\_3-42\_n1-n78 | 3 | 0.6 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-42\_n1-n79 | 3 | 0.6 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
| DC\_3-42\_n28-n77 | 3 | 0.6 |
|  | 42 | 0.8 |
|  | n28 | 0.8 |
|  | n77 | 0.8 |
| DC\_3-42\_n77-n79 | 3 | 0.6 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_3-42\_n78-n79 | 3 | 0.6 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_5-7-66\_n2 | 5 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_5-7-66\_n7  DC\_5-7-66-66\_n7 | 5 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_5-7-66\_n66 | 5 | 0.3 |
| DC\_5-7-7-66\_n66 | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n66 |  |
| DC\_5-30-66\_n2 | 5 | 0.3 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_5-30-66\_n66 | 5 | 0.3 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_5-48\_(n)12 | 5 | 0.8 |
|  | 12 | 0.4 |
|  | 48 | 0.3 |
|  | n12 | 0.8 |
| DC\_5-48-66\_n12 | 5 | 0.8 |
|  | 48 | 0.8 |
|  | 66 | 0.6 |
|  | n12 | 0.4 |
| DC\_5-48-66\_n71 | 5 | 0.5 |
|  | 48 | 0.8 |
|  | 66 | 0.6 |
|  | n71 | 0.5 |
| DC\_5-66\_(n)12 | 5 | 0.3 |
|  | 12 | 0.8 |
|  | 66 | 0.8 |
|  | n12 | 0.8 |
| DC\_7-8\_n1-n40 | 7 | 0.8 |
|  | 8 | 0.6 |
|  | n1 | 0.6 |
|  | n40 | 0.9 |
| DC\_7-8\_n1-n78  DC\_7-7-8\_n1-n78 | 7 | 0.6 |
|  | 8 | 0.6 |
|  | n1 | 0.6 |
|  | n78 | 0.8 |
| DC\_7-8\_n28-n78 | 7 | 0.5 |
|  | 8 | 0.6 |
|  | n28 | 0.5 |
|  | n78 | 0.8 |
| DC\_7-8-32\_n1 | 7 | 0.7 |
|  | 8 | 0.6 |
|  | n1 | 0.7 |
| DC\_7-8-40\_n1 | 7 | 0.8 |
|  | 8 | 0.6 |
|  | 40 | 0.9 |
|  | n1 | 0.6 |
| DC\_7-8-40\_n78 | 7 | 0.5 |
|  | 8 | 0.6 |
|  | 40 | 0.39 |
|  | n78 | 0.89 |
| DC\_7-8\_n40-n78 | 7 | 0.5 |
|  | 8 | 0.3 |
|  | n40 | 0.5 |
|  | n78 | 0.8 |
| DC\_7-12-66\_n2 | 7 | 0.5 |
|  | 12 | 0.8 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_7-12-66\_n78 | 7 | 0.8 |
|  | 12 | 0.5 |
|  | 66 | 1 |
|  | n78 | 0.8 |
| DC\_7-13\_n25-n66 | 7 | 0.5 |
|  | 13 | 0.3 |
|  | n25 | 0.5 |
|  | n66 | 0.5 |
| DC\_7-13-66\_n66 | 7 | 0.5 |
|  | 13 | 0.3 |
|  | 66 | 0.5 |
|  | n66 |  |
| DC\_7-20\_n1-n78 | 7 | 0.7 |
|  | 20 | 0.4 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_7-20\_n3-n78 | 7 | 0.5 |
|  | 20 | 0.6 |
|  | n3 | 0.5 |
|  | n78 | 0.8 |
| DC\_7-20\_n8-n78 | 7 | 0.5 |
|  | 20 | 0.6 |
|  | n8 | 0.6 |
|  | n78 | 0.8 |
| DC\_7-20-28\_n1 | 7 | 0.6 |
|  | 20 | 0.6 |
|  | 28 | 0.6 |
|  | n1 | 0.5 |
| DC\_7-20\_n28-n78 | 7 | 0.3 |
|  | 20 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_7-20-32\_n1 | 7 | 0.6 |
|  | 20 | 0.3 |
|  | n1 | 0.5 |
| DC\_7-20-32\_n28 | 7 | 0.3 |
|  | 20 | 0.5 |
|  | n28 | 0.7 |
| DC\_7-20-32\_n78 | 7 | 0.7 |
|  | 20 | 0.5 |
|  | n78 | 0.8 |
| DC\_7-28\_n1-n40 | 7 | 0.3 |
|  | 28 | 0.2 |
|  | n1 | 0 |
|  | n40 | 0.8 |
| DC\_7-28\_n1-n78 | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n1 | 0.6 |
|  | n78 | 0.8 |
| DC\_7-28\_n3-n78 | 7 | 0.8 |
|  | 28 | 0.5 |
|  | n3 | 1 |
|  | n78 | 0.8 |
| DC\_7-28\_n7-n78 | 7 | 0.3 |
|  | 28 | 0.3 |
|  | n7 | 0.3 |
|  | n78 | 0.8 |
| DC\_7-28-66\_n7 | 7 | 0.5 |
|  | 28 | 0.6 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_7-28-66\_n66 | 7 | 0.5 |
|  | 28 | 0.6 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_7-28\_n40-n78 | 7 | 0.5 |
|  | 28 | 0.3 |
|  | n40 | 0.5 |
|  | n78 | 0.8 |
| DC\_7-40\_n1-n78 | 7 | 0.5 |
|  | 40 | 0.56 |
|  | n1 | 0.6 |
|  | n78 | 0.86 |
| DC\_7-66\_n25-n66 | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n25 | 0.5 |
|  | n66 | 0.5 |
| DC\_7-66\_n38-n78  DC\_7-7-66\_n38-n78 | 66 | 0.6 |
|  | n78 | 0.8 |
| DC\_7-66\_n66-n78  DC\_7-7-66\_n66-n78 | 7 | 0.5 |
|  | 66 | 0.6 |
|  | n66 | 0.6 |
|  | n78 | 0.8 |
| DC\_7-66-71\_n2 | 7 | 0.5 |
|  | 66 | 0.5 |
|  | 71 | 0.3 |
|  | n2 | 0.5 |
| DC\_7-66-71\_n78 | 7 | 0.6 |
|  | 66 | 0.6 |
|  | 71 | 0.3 |
|  | n78 | 0.8 |
| DC\_8\_n3-n28-n77 | 8 | 0.6 |
|  | n3 | 0.6 |
|  | n28 | 0.5 |
|  | n77 | 0.8 |
| DC\_8-11\_n3-n28 | 8 | 0.6 |
|  | 11 | 0.8 |
|  | n3 | 0.9 |
|  | n28 | 0.6 |
| DC\_8-11\_n3-n77 | 8 | 0.6 |
|  | 11 | 0.8 |
|  | n3 | 0.9 |
|  | n77 | 0.8 |
| DC\_8-11\_n28-n77 | 8 | 0.6 |
|  | 11 | 0.4 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_8\_n39-n40-n41 | 8 | 0.3 |
| n39 | 0.3 |
| n40 | 0.3 |
| n41 | 0.3 |
| DC\_8\_n39-n40-n79 | 8 | 0.3 |
| n39 | 0.3 |
| n40 | 0.3 |
| n79 | 0.8 |
| DC\_8\_n40-n41-n79 | 8 | 0.3 |
|  | n40 | 0.3 |
|  | n41 | 0.3 |
| DC\_8-40\_n1-n78 | 8 | 0.3 |
|  | 40 | 0.56 |
|  | n1 | 0.5 |
|  | n78 | 0.86 |
| DC\_8-42\_n3-n28 | 8 | 0.6 |
|  | 42 | 0.8 |
|  | n3 | 0.6 |
|  | n28 | 0.8 |
| DC\_8-42\_n3-n77 | 8 | 0.6 |
|  | 42 | 0.8 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| DC\_8-42\_n28-n77 | 8 | 0.6 |
|  | 42 | 0.8 |
|  | n28 | 0.8 |
|  | n77 | 0.8 |
| DC\_11\_n3-n28-n77 | 11 | 0.8 |
| n3 | 0.9 |
| n28 | 0.6 |
| n77 | 0.8 |
| DC\_12-30-66\_n2 | 12 | 0.8 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_12-30-66\_n66 | 12 | 0.8 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_12-48\_(n)5 | 5 | 0.8 |
|  | 12 | 0.4 |
|  | 48 | 0.3 |
|  | n5 | 0.8 |
| DC\_12-48-66\_n5 | 12 | 0.8 |
|  | 48 | 0.8 |
|  | 66 | 0.8 |
|  | n5 | 0.3 |
| DC\_12-66\_(n)5 | 5 | 0.3 |
|  | 12 | 0.8 |
|  | 66 | 0.8 |
|  | n5 | 0.3 |
| DC\_13-48-66\_n77 | 13 | 0.3 |
|  | 48 | 0.8 |
|  | 66 | 0.6 |
|  | n77 | 0.8 |
| DC\_13-66\_n2-n77 | 13 | 0.3 |
|  | 66 | 0.6 |
|  | n2 | 0.6 |
|  | n77 | 0.8 |
| DC\_13-66\_n5-n48 | 13 | 0.4 |
|  | 66 | 0.6 |
|  | n5 | 0.8 |
|  | n48 | 0.8 |
| DC\_13-66\_n66-n77 | 13 | 0.3 |
|  | 66 | 0.6 |
|  | n66 | 0.6 |
|  | n77 | 0.8 |
| DC\_14-30-66-n2 | 14 | 0.3 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_14-30-66\_n66 | 14 | 0.5 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_18-41\_n3-n77 | 18 | 0.3 |
|  | 41 | 0.34/0.85 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| DC\_18-41\_n3-n78 | 18 | 0.3 |
|  | 41 | 0.34/0.85 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_19\_n1-n77-n79 | 19 | 0.3 |
| n1 | 0.6 |
| n77 | 0.8 |
| n79 | 0.5 |
| DC\_19\_n1-n78-n79 | 19 | 0.3 |
| n1 | 0.3 |
| n78 | 0.8 |
| n79 | 0.5 |
| DC\_19-21\_n1-n77 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | n1 | 0.3 |
|  | n77 | 0.8 |
| DC\_19-21\_n1-n78 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | n1 | 0.6 |
|  | n78 | 0.8 |
| DC\_19-21\_n1-n79 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | n1 | 0.3 |
| DC\_19-21-42\_n1 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n1 | 0.3 |
| DC\_19-21-42\_n77 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_19-21-42\_n78 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_19-21-42\_n79 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
| DC\_19-21\_n77-n79 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | n77 | 0.8 |
| DC\_19-21\_n78-n79 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | n78 | 0.8 |
| DC\_19-42\_n1-n77 | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
|  | n77 | 0.8 |
| DC\_19-42\_n1-n78 | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n1 | 0.3 |
|  | n78 | 0.8 |
| DC\_19-42\_n1-n79 | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n1 | 0.3 |
| DC\_19-42\_n77-n79 | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_19-42\_n78-n79 | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_21\_n1-n77-n79 | 21 | 0.4 |
| n1 | 0.6 |
| n77 | 0.8 |
| n79 | 0.5 |
| DC\_21\_n1-n78-n79 | 21 | 0.4 |
| n1 | 0.6 |
| n78 | 0.8 |
| n79 | 0.5 |
| DC\_21-28-42\_n77 | 21 | 0.4 |
|  | 28 | 0.5 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_21-28-42\_n78 | 21 | 0.4 |
|  | 28 | 0.5 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_21-28-42\_n79 | 21 | 0.4 |
|  | 28 | 0.5 |
|  | 42 | 0.8 |
| DC\_21\_n28-n77-n79 | 21 | 0.4 |
| n28 | 0.5 |
| n77 | 0.8 |
| n79 | 0.5 |
| DC\_21\_n28-n78-n79 | 21 | 0.4 |
| n28 | 0.5 |
| n78 | 0.8 |
| DC\_21-42\_n1-n77 | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
|  | n77 | 0.8 |
| DC\_21-42\_n1-n78 | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n1 | 0.3 |
|  | n78 | 0.8 |
| DC\_21-42\_n1-n79 | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n1 | 0.3 |
| DC\_21-42\_n77-n79 | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_21-42\_n78-n79 | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_28-41-42\_n78 | 28 | 0.5 |
|  | 41 | 0.3 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_29-30-66\_n2  DC\_29-30-66-66\_n2 | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_29-30-66\_n66 | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_42\_n1-n77-n79 | 42 | 0.8 |
| n1 | 0.6 |
| n77 | 0.8 |
| DC\_42\_n1-n78-n79 | 42 | 0.8 |
| n1 | 0.3 |
| n78 | 0.8 |
| DC\_42\_n3-n28-n77 | 42 | 0.8 |
| n3 | 0.6 |
| n28 | 0.8 |
| n77 | 0.8 |
| DC\_46-66\_n25-n41 | 66 | 0.5 |
|  | n25 | 0.5 |
|  | n41 | 0.41 |
|  |  | 0.92 |
| DC\_46-66\_n25-n71 | 66 | 0.5 |
|  | n25 | 0.5 |
|  | n71 | 0.3 |
| DC\_46-66\_n41-n71 | 66 | 0.5 |
|  | n41 | 0.41 |
|  |  | 0.92 |
|  | n71 | 0.6 |
| DC\_48-66\_n25-n48 | 48 | 0.8 |
|  | 66 | 0.6 |
|  | n25 | 0.6 |
|  | n48 | 0.8 |
| NOTE 1: The requirement is applied for UE transmitting on the frequency range of 2545 - 2690 MHz.  NOTE 2: The requirement is applied for UE transmitting on the frequency range of 2496 - 2545 MHz.  NOTE 3: The values in the table reflect what can be achieved with the present state of the art technology. They shall be reconsidered when the state of the art technology progresses.  NOTE 4: The requirement is applied for UE transmitting on the frequency range of 2515 – 2690 MHz.  NOTE 5: The requirement is applied for UE transmitting on the frequency range of 2496 – 2515 MHz.  NOTE 6: Only applicable for UE supporting inter-band carrier aggregation with uplink in one E-UTRA band and without simultaneous Rx/Tx.  NOTE 7: Void.  NOTE 8: Void.  NOTE 9: Only applicable for UE supporting inter-band carrier aggregation with uplink in one NR band and without simultaneous Rx/Tx | | |

###### 6.2B.4.2.3.4 ΔTIB,c for EN-DC five bands

Table 6.2B.4.2.3.4-1: ΔTIB,c due to EN-DC (five bands)

| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔTIB,c (dB) |
| --- | --- | --- |
| DC\_1-3-5-7\_n78,  DC\_1-3-5-7-7\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 5 | 0.6 |
|  | 7 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-5-41\_n79 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 5 | 0.3 |
|  | 41 | 0.53/0.84 |
| DC\_1-3-7\_n3-n78 | 1 | 0.7 |
|  | 3 | 0.7 |
|  | 7 | 0.7 |
|  | n3 | 0.7 |
|  | n78 | 0.8 |
| DC\_1-3-7\_n7-n78 | 1 | 0.7 |
|  | 3 | 0.7 |
|  | 7 | 0.7 |
|  | n7 | 0.7 |
|  | n78 | 0.8 |
| DC\_1-3-7-8\_n28 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 7 | 0.6 |
|  | 8 | 0.6 |
|  | n28 | 0.6 |
| DC\_1-3-7-8\_n78 | 1 | 0.6 |
| DC\_1-3-7\_n8-n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 8 or n8 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-7-20\_n8 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | n8 | 0.6 |
| DC\_1-3-7-20\_n28 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | n28 | 0.6 |
| DC\_1-3-7-20\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | n78 | 0.6 |
| DC\_1-3-7-28\_n3 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n3 | 0.6 |
| DC\_1-3-7-28\_n5 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n5 | 0.6 |
| DC\_1-3-7-28\_n7 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n7 | 0.6 |
| DC\_1-3-7-28\_n40 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.8 |
|  | 28 | 0.6 |
|  | n40 | 0.9 |
| DC\_1-3-7-28\_n78 | 1 | 0.7 |
|  | 3 | 0.7 |
|  | 7 | 0.7 |
|  | 28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-7\_n28-n78 | 1 | 0.7 |
|  | 3 | 0.7 |
|  | 7 | 0.7 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-7-38\_n28 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | n28 | 0.5 |
| DC\_1-3-7-40\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.5 |
|  | 40 | 0.35 |
|  | n78 | 0.85 |
| DC\_1-3-7\_n40-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.8 |
|  | n40 | 0.9 |
|  | n78 | 0.8 |
| DC\_1-3-8-40\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 8 | 0.6 |
|  | 40 | 0.35 |
|  | n78 | 0.85 |
| DC\_1-3-8-11\_n28 | 1 | 0.3 |
|  | 3 | 0.8 |
|  | 8 | 0.6 |
|  | 11 | 0.9 |
|  | n28 | 0.6 |
| DC\_1-3-8-11\_n77 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 8 | 0.6 |
|  | 11 | 0.9 |
|  | n77 | 0.8 |
| DC\_1-3-8\_n28-n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 8 | 0.6 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-3-8\_n28-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 8 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-8-42\_n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 8 | 0.6 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-3-11\_n28-n77 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 11 | 0.9 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-3-18\_n3-n41 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 18 | 0.3 |
|  | n3 | 0.5 |
|  | n41 | 0.33/0.84 |
| DC\_1-3-18\_n3-n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 18 | 0.3 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-3-18\_n3-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 18 | 0.3 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-18\_n28-n41 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 18 | 0.3 |
|  | n28 | 0.6 |
|  | n41 | 0.33/0.84 |
| DC\_1-3-18\_n28-n77 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 18 | 0.3 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-3-18\_n28-n77 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 18 | 0.3 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-18\_n41-n77 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 18 | 0.3 |
|  | n41 | 0.33/0.84 |
|  | n77 | 0.8 |
| DC\_1-3-18\_n41-n78 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 18 | 0.3 |
|  | n41 | 0.33/0.84 |
|  | n78 | 0.8 |
| DC\_1-3-18-42\_n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 18 | 0.3 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-3-18-42\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 18 | 0.3 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-3-18-42\_n79 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 18 | 0.3 |
|  | 42 | 0.8 |
| DC\_1-3-19-21\_n77 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 19 | 0.3 |
|  | 21 | 0.9 |
|  | n77 | 0.8 |
| DC\_1-3-19-21\_n78 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 19 | 0.3 |
|  | 21 | 0.9 |
|  | n78 | 0.8 |
| DC\_1-3-19-21\_n79 | 1 | 0.3 |
|  | 3 | 0.8 |
|  | 19 | 0.3 |
|  | 21 | 0.9 |
| DC\_1-3-19-42\_n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-3-19-42\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-3-19-42\_n79 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
| DC\_1-3-20\_n7-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 20 | 0.3 |
|  | n7 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-20\_n8-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 20 | 0.6 |
|  | n8 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-20\_n28-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 20 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-20-38\_n78  DC\_1-3-20\_n38-n78 | 1 | 0.3 |
|  | 3 | 0.6 |
|  | 20 | 0.6 |
|  | 38 or n38 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-3-20-40\_n78 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 20 | 0.3 |
|  | 40 | 0.55 |
|  | n78 | 0.85 |
| DC\_1-3-20\_n41-n78 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 20 | 0.3 |
|  | n41 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-3-21-42\_n77 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
|  | n77 | 0.6 |
| DC\_1-3-21-42\_n78 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
|  | n78 | 0.6 |
| DC\_1-3-21-42\_n79 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
| DC\_1-3-21\_n77-n79 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n77 | 0.8 |
| DC\_1-3-21\_n78-n79 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n78 | 0.8 |
| DC\_1-3-28\_n3-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 28 | 0.6 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-28\_n7-n78 | 1 | 0.7 |
|  | 3 | 0.7 |
|  | 28 | 0.6 |
|  | n7 | 0.7 |
|  | n78 | 0.8 |
| DC\_1-3-28-40\_n78 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 28 | 0.6 |
|  | 40 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-3-28\_n40-n78 | 1 | 0.5 |
|  | 3 | 0.6 |
|  | 28 | 0.5 |
|  | n40 | 0.35 |
|  | n78 | 0.85 |
| DC\_1-3-28-42\_n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 28 | 0.6 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-3-28-42\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 28 | 0.6 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-3-28-42\_n79 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 28 | 0.6 |
|  | 42 | 0.8 |
| DC\_1-3\_n28-n77-n79 | 1 | 0.6 |
| 3 | 0.6 |
| n28 | 0.6 |
| n77 | 0.8 |
| n79 | 0.5 |
| DC\_1-3\_n28-n78-n79 | 1 | 0.3 |
| 3 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| n79 | 0.5 |
| DC\_1-3-41\_n3-n41 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 41 | 0.33/0.84 |
|  | n3 | 0.5 |
|  | n41 | 0.33/0.84 |
| DC\_1-3-41\_n3-n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41 | 0.5 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-3-41\_n3-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41 | 0.5 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-41\_n28-n41 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 41 | 0.33/0.84 |
|  | n28 | 0.6 |
|  | n41 | 0.33/0.84 |
| DC\_1-3-41\_n28-n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41 | 0.33/0.84 |
|  | n28 | 0.5 |
|  | n77 | 0.8 |
| DC\_1-3-41\_n28-n78 | 1 | 0.5 |
|  | 3 | 0.6 |
|  | 41 | 0.33/0.84 |
|  | n28 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-3-41\_n41-n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41 | 0.5 |
|  | n41 | 0.5 |
|  | n77 | 0.8 |
| DC\_1-3-41\_n41-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41 | 0.5 |
|  | n41 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-3-41-42\_n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41 | 0.5 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-3-41-42\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41 | 0.5 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-3-41-42\_n79 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41 | 0.5 |
|  | 42 | 0.8 |
| DC\_1-3-42\_n28-n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 42 | 0.8 |
|  | n28 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-7-8-20\_n78 | 1 | 0.6 |
|  | 7 | 0.7 |
|  | 8 | 0.6 |
|  | 20 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-7-8\_n28-n78 | 1 | 0.6 |
|  | 7 | 0.6 |
|  | 8 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-7-8-40\_n78 | 1 | 0.6 |
|  | 7 | 0.5 |
|  | 8 | 0.6 |
|  | 40 | 0.35 |
|  | n78 | 0.85 |
| DC\_1-7-20\_n3-n78 | 1 | 0.3 |
|  | 7 | 0.5 |
|  | 20 | 0.6 |
|  | n3 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-7-20\_n8-n78 | 1 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | n8 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-7-20\_n28-n78 | 1 | 0.6 |
|  | 7 | 0.7 |
|  | 20 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-7-20-32\_n28 | 1 | 0.5 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | n28 | 0.7 |
| DC\_1-7-20-32\_n78 | 1 | 0.6 |
|  | 7 | 0.7 |
|  | 20 | 0.4 |
|  | n78 | 0.8 |
| DC\_1-7-28\_n3-n78 | 1 | 0.7 |
|  | 7 | 0.7 |
|  | 28 | 0.6 |
|  | n3 | 0.7 |
|  | n78 | 0.6 |
| DC\_1-7-28\_n7-n78 | 1 | 0.6 |
|  | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n7 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-7-28\_n40-n78 | 1 | 0.6 |
|  | 7 | 0.5 |
|  | 28 | 0.3 |
|  | n40 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-8\_n3-n28-n77 | 1 | 0.6 |
| 8 | 0.6 |
| n3 | 0.8 |
| n28 | 0.6 |
| n77 | 0.8 |
| DC\_1-8-11\_n3-n28 | 1 | 0.3 |
|  | 8 | 0.6 |
|  | 11 | 0.8 |
|  | n3 | 0.9 |
|  | n28 | 0.6 |
| DC\_1-8-11\_n3-n77 | 1 | 0.6 |
|  | 8 | 0.6 |
|  | 11 | 0.8 |
|  | n3 | 0.9 |
|  | n77 | 0.8 |
| DC\_1-8-11\_n28-n77 | 1 | 0.6 |
|  | 8 | 0.6 |
|  | 11 | 0.4 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-8-42\_n3-n28 | 1 | 0.3 |
|  | 8 | 0.6 |
|  | 42 | 0.8 |
|  | n3 | 0.6 |
|  | n28 | 0.8 |
| DC\_1-8-42\_n3-n77 | 1 | 0.6 |
|  | 8 | 0.6 |
|  | 42 | 0.8 |
|  | n3 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-8-42\_n28-n77 | 1 | 0.6 |
|  | 8 | 0.6 |
|  | 42 | 0.8 |
|  | n28 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-11\_n3-n28-n77 | 1 | 0.6 |
| 11 | 0.8 |
| n3 | 0.9 |
| n28 | 0.6 |
| n77 | 0.8 |
| DC\_1-18-41\_n3-n77 | 1 | 0.6 |
|  | 18 | 0.3 |
|  | 41 | 0.33/0.84 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-18-41\_n3-n78 | 1 | 0.6 |
|  | 18 | 0.3 |
|  | 41 | 0.33/0.84 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-19-21-42\_n77 | 1 | 0.3 |
|  | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-19-21-42\_n78 | 1 | 0.3 |
|  | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-19-21-42\_n79 | 1 | 0.3 |
|  | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
| DC\_1-19-42\_n77-n79 | 1 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-19-42\_n78-n79 | 1 | 0.3 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-20-38\_n3-n78 | 1 | 0.5 |
|  | 20 | 0.6 |
|  | 38 | 0.5 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-21-28-42\_n77 | 1 | 0.6 |
|  | 21 | 0.4 |
|  | 28 | 0.6 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-21-28-42\_n78 | 1 | 0.3 |
|  | 21 | 0.4 |
|  | 28 | 0.6 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-21-28-42\_n79 | 1 | 0.3 |
|  | 21 | 0.4 |
|  | 28 | 0.6 |
|  | 42 | 0.8 |
| DC\_1-21\_n28-n77-n79 | 1 | 0.6 |
| 21 | 0.4 |
| n28 | 0.6 |
| n77 | 0.8 |
| n79 | 0.5 |
| DC\_1-21\_n28-n78-n79 | 1 | 0.6 |
| 21 | 0.4 |
| n28 | 0.6 |
| n78 | 0.8 |
| n79 | 0.5 |
| DC\_1-21-42\_n77-n79 | 1 | 0.6 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-42\_n3-n28-n77 | 1 | 0.6 |
| 42 | 0.8 |
| n3 | 0.8 |
| n28 | 0.8 |
| n77 | 0.8 |
| DC\_1-21-42\_n78-n79 | 1 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_2-5-7-66\_n2 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-5-7-66\_n7  DC\_2-5-7-66-66\_n7 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_2-5-7-66\_n66 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-5-30-66\_n2 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-5-30-66\_n66 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7-12-66\_n2 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 12 | 0.8 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-7-12-66\_n78 | 2 | 0.6 |
|  | 7 | 0.6 |
|  | 12 | 0.6 |
|  | 66 | 0.6 |
|  | n78 | 0.6 |
| DC\_2-7-13\_n25-n66 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 13 | 0.3 |
|  | n25 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7-13-66\_n66 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 13 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7-28-66\_n7 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 28 | 0.6 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_2-7-28-66\_n66 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 28 | 0.6 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7-66\_n25-n66 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n25 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7-66\_n66-n78  DC\_2-7-7-66\_n66-n78 | 2 | 0.6 |
|  | 7 | 0.5 |
|  | 66 | 0.6 |
|  | n66 | 0.6 |
|  | n78 | 0.8 |
| DC\_2-7-66-71\_n2 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | 71 | 0.3 |
|  | n2 | 0.5 |
| DC\_2-7-66-71\_n78 | 2 | 0.6 |
|  | 7 | 0.6 |
|  | 66 | 0.6 |
|  | 71 | 0.6 |
|  | n78 | 0.6 |
| DC\_2-12-30-66\_n2 | 2 | 0.5 |
|  | 12 | 0.8 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-12-30-66\_n66 | 2 | 0.5 |
|  | 12 | 0.8 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-14-30-66\_n2 | 2 | 0.5 |
|  | 14 | 0.3 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-14-30-66\_n66 | 2 | 0.5 |
|  | 14 | 0.3 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-29-30-66\_n2 | 2 | 0.5 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-29-30-66\_n66 | 2 | 0.5 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-46-66\_n41-n71 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | n41 | 0.41/0.92 |
|  | n71 | 0.6 |
| DC\_3-7-8\_n1-n78  DC\_3-3-7-8\_n1-n78  DC\_3-7-7-8\_n1-n78  DC\_3-3-7-7-8\_n1-n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 8 | 0.6 |
|  | n1 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7-8\_n28-n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 8 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7-8-40\_n78 | 3 | 0.6 |
| DC\_3-7-8\_n40-n78 | 7 | 0.5 |
|  | 8 | 0.6 |
|  | 40 or n40 | 0.55 |
|  | n78 | 0.85 |
| DC\_3-7-20\_n1-n78 | 3 | 0.6 |
|  | 7 | 0.7 |
|  | 20 | 0.6 |
|  | n1 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7-20\_n8-n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | n8 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7-20-28\_n1 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | 28 | 0.6 |
|  | n1 | 0.6 |
| DC\_3-7-20\_n28-n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7-20-32\_n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.3 |
|  | n78 | 0.8 |
| DC\_3-7-28\_n1-n40 | 3 | 0.6 |
|  | 7 | 0.8 |
|  | 28 | 0.6 |
|  | n1 | 0.6 |
|  | n40 | 0.9 |
| DC\_3-7-28\_n1-n78 | 3 | 0.7 |
|  | 7 | 0.7 |
|  | 28 | 0.6 |
|  | n1 | 0.7 |
|  | n78 | 0.6 |
| DC\_3-7-28\_n3-n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7-28\_n7-n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n7 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7-28\_n40-n78 | 3 | 0.6 |
|  | 7 | 0.5 |
|  | 28 | 0.3 |
|  | n40 | 0.5 |
|  | n78 | 0.8 |
| DC\_3-7-40\_n1-n78 | 3 | 0.6 |
|  | 7 | 0.5 |
|  | 40 | 0.35 |
|  | n1 | 0.6 |
|  | n78 | 0.85 |
| DC\_3-8-11\_n28-n77 | 3 | 0.8 |
|  | 8 | 0.6 |
|  | 11 | 0.9 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_3-8-40\_n1-n78 | 3 | 0.6 |
|  | 8 | 0.6 |
|  | 40 | 0.35 |
|  | n1 | 0.6 |
|  | n78 | 0.85 |
| DC\_3-19-21-42\_n77 | 3 | 0.8 |
|  | 19 | 0.3 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_3-19-21-42\_n78 | 3 | 0.8 |
|  | 19 | 0.3 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_3-19-21-42\_n79 | 3 | 0.8 |
|  | 19 | 0.3 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
| DC\_3-19-42\_n1-n77 | 3 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
|  | n77 | 0.8 |
| DC\_3-19-42\_n1-n78 | 3 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-19-42\_n1-n79 | 3 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
| DC\_3-21\_n1-n77-n79 | 3 | 0.8 |
| 21 | 0.9 |
| n1 | 0.6 |
| n77 | 0.8 |
| n79 | 0.5 |
| DC\_3-21\_n1-n78-n79 | 3 | 0.8 |
| 21 | 0.9 |
| n1 | 0.6 |
| n78 | 0.8 |
| n79 | 0.5 |
| DC\_3-21\_n28-n77-n79 | 3 | 0.8 |
| 21 | 0.9 |
| n28 | 0.5 |
| n77 | 0.8 |
| n79 | 0.5 |
| DC\_3-21\_n28-n78-n79 | 3 | 0.8 |
| 21 | 0.9 |
| n28 | 0.5 |
| n78 | 0.8 |
| n79 | 0.5 |
| DC\_3-21-42\_n1-n77 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
|  | n77 | 0.6 |
| DC\_3-21-42\_n1-n78 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
|  | n78 | 0.6 |
| DC\_3-21-42\_n1-n79 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
| DC\_3-28-41-42\_n78 | 3 | 1 |
|  | 28 | 0.5 |
|  | 41 | 0.33/0.84 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
|  | 3 | 1 |
| DC\_7-8-40\_n1-n78 | 7 | 0.5 |
|  | 8 | 0.6 |
|  | 40 | 0.35 |
|  | n1 | 0.6 |
|  | n78 | 0.85 |
| DC\_8-11\_n3-n28-n77 | 8 | 0.6 |
| 11 | 0.8 |
| n3 | 0.9 |
| n28 | 0.6 |
| n77 | 0.8 |
| DC\_8-42\_n3-n28-n77 | 8 | 0.6 |
| 42 | 0.8 |
| n3 | 0.6 |
| n28 | 0.8 |
| n77 | 0.8 |
| DC\_19-21-42\_n1-n77 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n1 | 0.3 |
|  | n77 | 0.8 |
| DC\_19-21-42\_n1-n78 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n1 | 0.3 |
|  | n78 | 0.8 |
| DC\_19-21-42\_n1-n79 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n1 | 0.3 |
| DC\_19-21-42\_n77-n79 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_19-21-42\_n78-n79 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_19-42\_n1-n77-n79 | 19 | 0.3 |
| 42 | 0.8 |
| n1 | 0.6 |
| n77 | 0.8 |
| n79 | 0.5 |
| DC\_19-42\_n1-n78-n79 | 19 | 0.3 |
| 42 | 0.8 |
| n1 | 0.3 |
| n78 | 0.8 |
| n79 | 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 E-UTRA band and without simultaneous Rx/Tx | | |

###### 6.2B.4.2.3.5 ΔTIB,c for EN-DC six bands

Table 6.2B.4.2.3.5-1: ΔTIB,c due to EN-DC (six bands)

|  |  |  |
| --- | --- | --- |
| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔTIB,c (dB) |
| DC\_1-3-7-8\_n28-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 8 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-7-8-40\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.5 |
|  | 8 | 0.6 |
|  | 40 | 0.31 |
|  | n78 | 0.81 |
| DC\_1-3-7-20\_n8-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | n8 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-7-20\_n28-n78 | 1 | 0.7 |
|  | 3 | 0.7 |
|  | 7 | 0.7 |
|  | 20 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-7-28\_n3-n78 | 1 | 0.7 |
|  | 3 | 0.7 |
|  | 7 | 0.7 |
|  | 28 | 0.6 |
|  | n3 | 0.7 |
|  | n78 | 0.8 |
| DC\_1-3-7-28\_n7-n78 | 1 | 0.7 |
|  | 3 | 0.7 |
|  | 7 | 0.7 |
|  | 28 | 0.6 |
|  | n7 | 0.7 |
|  | n78 | 0.8 |
| DC\_1-3-7-28\_n40-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.8 |
|  | 28 | 0.3 |
|  | n40 | 0.9 |
|  | n78 | 0.8 |
| DC\_1-3-8-11\_n28-n77 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 8 | 0.6 |
|  | 11 | 0.9 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-8-11\_n3-n28-n77 | 1 | 0.6 |
| 8 | 0.6 |
| 11 | 0.8 |
| n3 | 0.9 |
| n28 | 0.6 |
| DC\_1-8-42\_n3-n28-n77 | n77 | 0.8 |
| 1 | 0.6 |
| 8 | 0.6 |
| 42 | 0.8 |
| n3 | 0.8 |
| DC\_3-7-8-40\_n1-n78 | 3 | 0.6 |
|  | 7 | 0.5 |
|  | 8 | 0.6 |
|  | 40 | 0.32 |
|  | n1 | 0.6 |
|  | n78 | 0.82 |
| NOTE 1: Only applicable for UE supporting inter-band carrier aggregation with uplink in one NR band and without simultaneous Rx/Tx.  NOTE 2: Only applicable for UE supporting inter-band carrier aggregation with uplink in one E-UTRA band and without simultaneous Rx/Tx. | | |

## **<<Unchanged parts skipped>>**

###### 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\_n3A-n79A | 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
|  | n3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | n79 | 4950 | 40 | 216 | 4950 | 4.7 | IMD5 |
| 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\_n41A | 11 | 1442 | 5 | 25 | 1490 | N/A | N/A |
|  | n41 | 2520 | 10 | 50 | 2520 | N/A | N/A |
|  | 1 | 1966 | 5 | 25 | 2156 | 10.2 | IMD4 |
|  | 1 | 1940 | 5 | 25 | 2130 | N/A | N/A |
|  | n41 | 2685 | 10 | 50 | 2685 | N/A | N/A |
|  | 11 | 1442 | 5 | 25 | 1490 | 10.6 | IMD4 |
| DC\_1A-11A\_n77A | 1 | 1955 | 5 | 25 | 2145 | N/A | N/A |
|  | n77 | 3441 | 10 | 50 | 3441 | N/A | N/A |
|  | 11 | 1438 | 5 | 25 | 1486 | 31.4 | IMD2 |
| DC\_1A-11A\_n77A | 11 | 1438 | 5 | 25 | 1486 | N/A | N/A |
|  | n77 | 3578 | 10 | 50 | 3578 | N/A | N/A |
|  | 1 | 1950 | 5 | 25 | 2140 | 30.8 | IMD2 |
| DC\_1A-11A\_n78A | 1 | 1955 | 5 | 25 | 2145 | N/A | N/A |
|  | n78 | 3441 | 10 | 50 | 3441 | N/A | N/A |
|  | 11 | 1438 | 5 | 25 | 1486 | 31.4 | IMD2 |
| DC\_1A-11A\_n78A | 11 | 1438 | 5 | 25 | 1486 | N/A | N/A |
|  | n78 | 3578 | 10 | 50 | 3578 | N/A | N/A |
|  | 1 | 1950 | 5 | 25 | 2140 | 30.8 | IMD2 |
| DC\_1A-18A\_n77A  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\_n28A10 | 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 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 | 4.2 | 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\_n28A-n79A | 1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
|  | n28 | 733 | 5 | 25 | 788 | 15.2 | IMD39 |
|  | n79 | 4648 | 40 | 216 | 4648 | N/A | N/A |
|  | 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
|  | n28 | 730 | 5 | 25 | 785 | N/A | N/A |
|  | n79 | 4630 | 40 | 216 | 4630 | 14.9 | IMD34 |
| 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\_n78C  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\_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\_n2A-n66A | 2 | 1875 | 5 | 25 | 1955 | N/A | N/A |
|  | n2 | 1895 | 5 | 25 | 1975 | 20 | IMD3 |
|  | n66 | 1775 | 5 | 25 | 2175 | N/A | N/A |
| DC\_2A\_n2A-n77A | 2 | 1855 | 5 | 25 | 1935 | N/A | N/A |
|  | n2 | 1855 | 5 | 25 | 1935 | 26 | IMD2 |
|  | 28.75 |
|  | n77 | 3790 | 10 | 50 | 3790 | N/A | N/A |
|  | 2 | 1885 | 5 | 25 | 1965 | N/A | N/A |
|  | n2 | 1885 | 5 | 25 | 1965 | 8.0 | IMD44 |
|  | 10.75 |
|  | n77 | 3690 | 10 | 50 | 3690 | N/A | N/A |
| DC\_2A\_n2A-n78A | 2 | 1852.5 | 5 | 25 | 1932.5 | N/A | N/A |
|  | n2 | 1862.5 | 5 | 25 | 1942.5 | 26 | IMD24 |
|  | n78 | 3795 | 10 | 50 | 3795 | N/A | N/A |
| 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 |
| DC\_2A\_n5A-n77A11 | 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\_n77A11 | 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-5A\_n78A  DC\_2A-5A\_n78(2A) | 2 | 1907.5 | 5 | 25 | 1987.5 | N/A | N/A |
|  | 5 | 842.5 | 5 | 25 | 887.5 | 3.8 | IMD5 |
|  | n78 | 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 |
|  | n78 | 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\_n7A  DC\_2A-12A\_n7(2A) | 2 | 1907.5 | 5 | 25 | 1987.5 | N/A | N/A |
|  | 12 | 701.5 | 5 | 25 | 731.5 | 4.5 | IMD5 |
|  | n7 | 2502.5 | 5 | 25 | 2622.5 | 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  DC\_2A-12A\_n78(2A) | 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-n71A | 2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
|  | n38 | 2586 | 5 | 25 | 2586 | 29.2 | IMD2 |
|  | n71 | 686 | 5 | 25 | 640 | 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\_n5A5  DC\_2A-46C\_n5A5  DC\_2A-46D\_n5A5  DC\_2A-46E\_n5A5 | 2 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 46 | N/A | N/A | N/A | N/A | N/A | IMD4,  IMD5 |
|  | n5 | N/A | N/A | N/A | N/A | N/A | N/A |
| DC\_2A-46A\_n66A5  DC\_2A-46C\_n66A5  DC\_2A-46D\_n66A5  DC\_2A-46E\_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-46A\_n77A5 | 2 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 46 | N/A | N/A | N/A | N/A | N/A | IMD2,  IMD3 |
|  | n77 | 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 |
|  | 2 | 1900 | 5 | 25 | 1980 | 20 | IMD3 |
| DC\_2A-66A\_n2A | 66 | 1730 | 5 | 25 | 2130 | N/A | N/A |
|  | n2 | 1855 | 5 | 25 | 1935 | 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 | 1715 | 5 | 25 | 2115 | 29.2 | IMD2 |
|  | n77 | 3970 | 5 | 25 | 3970 | N/A | N/A |
|  | 2 | 1880 | 5 | 25 | 1960 | M/A | N/A |
|  | 66 | 1740 | 5 | 25 | 2140 | 10.4 | IMD4 |
|  | n77 | 3500 | 5 | 25 | 3500 | N/A | N/A |
|  | 2 | 1885 | 5 | 25 | 1965 | M/A | N/A |
|  | 66 | 1775 | 5 | 25 | 2175 | 4.0 | IMD5 |
|  | n77 | 3915 | 5 | 25 | 3915 | N/A | N/A |
|  | 2 | 1880 | 5 | 25 | 1960 | 32.1 | IMD2 |
|  | 66 | 1760 | 5 | 25 | 2160 | N/A | N/A |
|  | n77 | 3720 | 5 | 25 | 3720 | N/A | N/A |
| DC\_2A-66A\_n77A11 | 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 |
| DC\_2A-66A\_n77A | 2 | 1855 | 5 | 25 | 1935 | 4.2 | IMD5 |
|  | 66 | 1715 | 5 | 25 | 2115 | N/A | N/A |
|  | n77 | 3540 | 5 | 25 | 3540 | N/A | N/A |
| DC\_2A\_n66A-n77A  DC\_2A-2A\_n66A-n77A | 2 | 1855 | 5 | 25 | 1935 | N/A | N/A |
|  | n66 | 1715 | 5 | 25 | 2115 | 29.2 | IMD2 |
|  | n77 | 3970 | 10 | 50 | 3970 | 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\_2A\_n71A-n78A | 2 | 1907.5 | 5 | 25 | 1987.5 | N/A | N/A |
|  | n71 | 695.5 | 5 | 25 | 649.5 | N/A | N/A |
|  | n78 | 3305 | 10 | 50 | 3305 | 8 | IMD3 |
| 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-n41A | 3 | 1712.5 | 5 | 25 | 1807.5 | N/A | N/A |
|  | n1 | 1977.5 | 5 | 25 | 2167.5 | N/A | N/A |
|  | n41 | 2507.5 | 5 | 25 | 2507.5 | 5.0 | 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  DC\_3A-20A\_n78(2A) | 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\_n28A-n79A | 3 | 1770 | 5 | 25 | 1865 | N/A | N/A |
|  | n28 | 725 | 5 | 25 | 780 | 10.3 | IMD4 |
|  | n79 | 4530 | 40 | 216 | 4530 | N/A | N/A |
|  | 3 | 1770 | 5 | 25 | 1865 | N/A | N/A |
|  | n28 | 725 | 5 | 25 | 780 | N/A | N/A |
|  | n79 | 4585 | 40 | 216 | 4585 | 9.4 | IMD44 |
| 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\_n78C  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-38A\_n28A  DC\_3C-38A\_n28A | 38 | 2575 | 5 | 25 | 2575 | N/A | N/A |
| n28 | 725 | 5 | 25 | 780 | N/A | N/A |
| 3 | 1755 | 5 | 25 | 1850 | 26 | IMD2 |
| 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\_n2A-n77A | n2 | 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\_5A\_n5A-n77A | 5 | 844 | 5 | 25 | 889 | N/A | N/A |
|  | n5 | 844 | 5 | 25 | 889 | 8.3 | IMD4 |
|  | n77 | 3421 | 10 | 50 | 3421 | N/A | N/A |
|  | 5 | 826.5 | 5 | 25 | 871.5 | N/A | N/A |
|  | n5 | 827 | 5 | 25 | 872 | 5.5 | IMD511 |
|  | n77 | 4178 | 10 | 50 | 4178 | 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  DC\_5A-7A-7A\_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-30A\_n2A | 5 | 835 | 5 | 25 | 880 | 8 | IMD4 |
| 30 | 2310 | 5 | 25 | 2355 | N/A | N/A |
| n2 | 1870 | 5 | 25 | 1950 | N/A | N/A |
| DC\_5A\_n38A-n66A | 5 | 830 | 5 | 25 | 875 | N/A | N/A |
|  | n66 | 1760 | 5 | 25 | 2160 | N/A | N/A |
|  | n38 | 2590 | 5 | 25 | 2590 | 28.9 | IMD2 |
| 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\_5A\_n66A-n78A | 5 | 830 | 5 | 25 | 875 | N/A | N/A |
|  | n66 | 1760 | 5 | 25 | 2160 | N/A | N/A |
|  | n78 | 3420 | 10 | 50 | 3420 | 16.6 | IMD3 |
|  | 5 | 826.5 | 5 | 25 | 871.5 | N/A | N/A |
|  | n66 | 1742 | 5 | 25 | 2142 | 13.2 | IMD3 |
|  | n78 | 3795 | 10 | 50 | 3795 | N/A | N/A |
| DC\_5A\_n66A-n77A | 5 | 826.5 | 5 | 25 | 871.5 | N/A | N/A |
|  | n66 | 1742 | 5 | 25 | 2142 | 13.2 | IMD3 |
|  | n77 | 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\_n2A-n71A | 7 | 2530 | 5 | 25 | 2530 | N/A | N/A |
|  | n2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
|  | n71 | 676 | 5 | 25 | 630 | 28.7 | IMD2 |
| DC\_7A\_n2A-n78A | 7 | 2550 | 5 | 25 | 2685 | N/A | N/A |
|  | n2 | 1870 | 5 | 25 | 1950 | 8.6 | IMD4 |
|  | n78 | 3525 | 10 | 50 | 3525 | N/A | N/A |
|  | 7 | 2525 | 5 | 25 | 2645 | N/A | N/A |
|  | n2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
|  | n78 | 3775 | 10 | 50 | 3775 | 4.2 | IMD5 |
| 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-13A\_n25A  DC\_7A-7A-13A\_n25A  DC\_7C-13A\_n25A | 7 | 2542 | 10 | 50 | 2662 | 27.6 | IMD2 |
| 13 | 782 | 5 | 25 | 751 | N/A | N/A |
| n25 | 1880 | 5 | 25 | 1960 | 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-29A\_n78A  DC\_7C-29A\_n78A  DC\_7A-7A-29A\_n78A | 7 | 2540 | 5 | 25 | 2660 | N/A | N/A |
| 29 | N/A | N/A | N/A | 720 | 3.0 | IMD5 |
| n78 | 3450 | 10 | 50 | 3450 | N/A | N/A |
| 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\_n66A-n77A  DC\_7A-7A\_n66A-n77A  DC\_7C\_n66A-n77A | 7 | 2550 | 5 | 25 | 2685 | N/A | N/A |
|  | n66 | 1750 | 5 | 25 | 2150 | 8.7 | IMD4 |
|  | n77 | 3625 | 10 | 50 | 3625 | N/A | N/A |
| DC\_7A\_n66A-n77A  DC\_7A-7A\_n66A-n77A  DC\_7C\_n66A-n77A | 7 | 2542 | 5 | 25 | 2662 | N/A | N/A |
|  | n66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
|  | n77 | 3344 | 10 | 50 | 3344 | 16.0 | IMD3 |
| DC\_7A\_n66A-n77A  DC\_7A-7A\_n66A-n77A  DC\_7C\_n66A-n77A | 7 | 2520 | 5 | 25 | 2640 | N/A | N/A |
|  | n66 | 1760 | 5 | 25 | 2160 | N/A | N/A |
|  | n77 | 4040 | 10 | 50 | 4040 | 4.2 | IMD5 |
| 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\_n71A-n78A | 7 | 2550 | 5 | 25 | 2670 | N/A | N/A |
|  | n71 | 693 | 5 | 25 | 647 | N/A | N/A |
|  | n78 | 3714 | 10 | 50 | 3714 | 9.7 | IMD4 |
|  | 7 | 2555 | 5 | 25 | 2675 | N/A | N/A |
|  | n78 | 3520 | 10 | 50 | 3520 | N/A | N/A |
|  | n71 | 671 | 5 | 25 | 625 | 3.9 | IMD5 |
| DC\_7A\_SUL\_n78A-n80A | n80 | 1730 | 5 | 25 |  | N/A | N/A |
|  | 7 | 2535 | 10 | 50 | 2655 | 13 | IMD4 |
| DC\_8A\_n1A-n40A | 8 | 885 | 5 | 25 | 930 | N/A | N/A |
|  | n40 | 2390 | 5 | 25 | 2390 | N/A | N/A |
|  | n1 | 1935 | 5 | 25 | 2125 | 3.3 | IMD5 |
| 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\_n3A-n79A  DC\_8A\_n3A-n79A | 8 | 885 | 5 | 25 | 930 | N/A | N/A |
|  | n3 | 1770 | 5 | 25 | 1865 | N/A | N/A |
|  | n79 | 4425 | 40 | 216 | 4425 | 15.7 | IMD31 |
|  | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | n79 | 4580 | 40 | 216 | 4580 | N/A | N/A |
|  | n3 | 1755 | 5 | 25 | 1850 | 8.8 | IMD4 |
| 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\_8-20\_n1 | n1 | 1925 | 5 | 25 | 2115 | N/A | N/A |
| 8 | 910 | 5 | 25 | 955 | N/A | N/A |
| 20 | 846 | 5 | 25 | 805 | 11.5 | IMD4 |
| DC\_8-20\_n3 | n3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
| 8 | 910 | 5 | 25 | 955 | N/A | N/A |
| 20 | 851 | 5 | 25 | 810 | 27 | IMD24 |
| n3 | 1770 | 5 | 25 | 1865 | N/A | N/A |
| 8 | 890 | 5 | 25 | 930 | 27 | IMD24 |
| 20 | 840 | 5 | 25 | 799 | N/A | N/A |
| 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\_n28A-n78A | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | n28 | 725 | 5 | 25 | 780 | N/A | N/A |
|  | n78 | 3455 | 10 | 50 | 3455 | 10.3 | IMD4 |
|  | 8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | n28 | 710 | 5 | 25 | 765 | 11.6 | IMD4 |
|  | n78 | 3495 | 10 | 50 | 3495 | N/A | N/A |
| DC\_8A\_n39A-n79A | 8 | 900 | 5 | 25 | 945 | N/A | N/A |
|  | n39 | 1890 | 10 | 50 | 1890 | N/A | N/A |
|  | n79 | 4680 | 40 | 216 | 4680 | 15.9 | IMD3 |
| DC\_8A\_n39A-n79A | 8 | 890 | 5 | 25 | 935 | N/A | N/A |
|  | n39 | 1890 | 10 | 50 | 1890 | N/A | N/A |
|  | n79 | 4560 | 40 | 216 | 4560 | 12.1 | IMD4 |
| DC\_8A\_n39A-n79A | 8 | 897.5 | 5 | 25 | 942.5 | N/A | N/A |
|  | n39 | 1907.5 | 10 | 50 | 1907.5 | 13.8 | IMD4 |
|  | n79 | 4600 | 40 | 216 | 4600 | 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\_n2A-n38A | 12 | 708 | 5 | 25 | 738 | N/A | N/A |
|  | n2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
|  | n38 | 2608 | 5 | 25 | 2608 | 28.7 | IMD2 |
| DC\_12A\_n2A-n41A | 12 | 708 | 5 | 25 | 738 | N/A | N/A |
|  | n2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
|  | n41 | 2608 | 5 | 25 | 2608 | 28.7 | IMD2 |
| 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 | 1896 | 5 | 25 | 1976 | N/A | N/A |
|  | n77 | 3460 | 10 | 50 | 3460 | 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\_n5A-n77A11 | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
|  | n77 | 4013 | 10 | 50 | 4013 | N/A | N/A |
|  | n5 | 840 | 5 | 25 | 885 | 4.5 | IMD5 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| DC\_13A\_n25A-n66A | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
|  | n25 | 1860 | 5 | 25 | 1940 | N/A | N/A |
|  | n66 | 1736 | 5 | 25 | 2156 | 7.2 | IMD4 |
| DC\_13A\_n25A-n66A | 13 | 780 | 5 | 25 | 749 | N/A | N/A |
|  | n25 | 1860 | 5 | 25 | 1940 | 6.2 | IMD4 |
|  | n66 | 1750 | 5 | 25 | 2150 | 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 |
| DC\_13A-66A-66A\_n5A | 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\_12A\_n66A-n78A  DC\_12A\_n66(2A)-n78A  DC\_12A\_n66A-n78(2A)  DC\_12A\_n66(2A)-n78(2A) | 12 | 703 | 5 | 25 | 733 | N/A | N/A |
|  | n66 | 1740 | 5 | 25 | 2140 | 16.5 | IMD3 |
|  | n78 | 3546 | 10 | 50 | 3546 | N/A | N/A |
| DC\_12A\_n66A-n78A  DC\_12A\_n66(2A)-n78A  DC\_12A\_n66A-n78(2A)  DC\_12A\_n66(2A)-n78(2A) | 12 | 703 | 5 | 25 | 733 | N/A | N/A |
|  | n66 | 1720 | 5 | 25 | 2120 | N/A | N/A |
|  | n78 | 3754 | 10 | 50 | 3754 | 4.1 | IMD5 |
| DC\_13A\_n7A-n78A | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
|  | n78 | 3432 | 10 | 50 | 3432 | N/A | N/A |
|  | n7 | 2530 | 5 | 25 | 2650 | 27.9 | IMD2 |
| DC\_13A\_n7A-n78A | 13 | 749 | 5 | 25 | 780 | N/A | N/A |
|  | n7 | 2560 | 5 | 25 | 2680 | N/A | N/A |
|  | n78 | 3622 | 10 | 50 | 3622 | 9 | IMD4 |
| DC\_13A\_n7A-n78A | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
|  | n7 | 2530 | 5 | 25 | 2650 | N/A | N/A |
|  | n78 | 3312 | 10 | 50 | 3312 | 29.0 | IMD2 |
| DC\_13A-46A\_n66A5 | 13 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 46 | N/A | N/A | N/A | N/A | N/A | IMD4,  IMD5 |
|  | n66 | N/A | N/A | N/A | N/A | N/A | N/A |
| DC\_13A-46A\_n77A5 | 13 | N/A | N/A | N/A | N/A | N/A | N/A |
|  | 46 | N/A | N/A | N/A | N/A | N/A | IMD3,  IMD4,  IMD5 |
|  | n77 | N/A | N/A | N/A | N/A | 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 | 782 | 5 | 25 | 751 | N/A | N/A |
|  | 66 | 1756 | 5 | 25 | 2156 | 17.1 | IMD3 |
|  | n77 | 3720 | 10 | 50 | 3720 | N/A | N/A |
| DC\_13A-66A\_n77A11 | 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\_18A\_n3A-n41A | 18 | 820 | 5 | 25 | 865 | N/A | N/A |
|  | n3 | 1720 | 5 | 25 | 1815 | N/A | N/A |
|  | n41 | 2540 | 10 | 50 | 2540 | 29.4 | IMD2 |
|  | 18 | 820 | 5 | 25 | 865 | N/A | N/A |
|  | n41 | 2670 | 10 | 50 | 2670 | N/A | N/A |
|  | n3 | 1755 | 5 | 25 | 1850 | 28.2 | IMD2 |
| 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\_18A\_n3A-n78A | 18 | 820 | 5 | 25 | 865 | N/A | N/A |
|  | n3 | 1750 | 5 | 25 | 1845 | N/A | N/A |
|  | n78 | 3390 | 10 | 50 | 3390 | 15.2 | IMD33 |
| DC\_18A-28A\_n77A  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\_n8A-n78A | n8 | 910 | 5 | 25 | 955 | N/A | N/A |
|  | 20 | 837 | 5 | 25 | 796 | N/A | N/A |
|  | n78 | 3567 | 10 | 50 | 3567 | 10.3 | IMD4 |
|  | n8 | 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\_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\_n28A-n77A | 21 | 1452 | 5 | 25 | 1500 | N/A | N/A |
| DC\_21A\_n28A-n78A | n28 | 730.5 | 5 | 25 | 785.5 | 16.9 | IMD39 |
|  | n77/n78 | 3689.5 | 10 | 50 | 3689.5 | N/A | N/A |
|  | 21 | 1452 | 5 | 25 | 1500 | N/A | N/A |
|  | n28 | 730.5 | 5 | 25 | 785.5 | N/A | N/A |
|  | n77/n78 | 3634.5 | 10 | 50 | 3634.5 | 17.3 | IMD39 |
| DC\_21A\_n28A-n79A | 21 | 1450.4 | 5 | 25 | 1498.4 | N/A | N/A |
|  | n28 | 735.5 | 5 | 25 | 790.5 | 2.8 | IMD5 |
|  | n79 | 4980 | 40 | 216 | 4980 | N/A | N/A |
|  | 21 | 1460.4 | 5 | 25 | 1508.4 | N/A | N/A |
|  | n28 | 745 | 5 | 25 | 800 | N/A | N/A |
|  | n79 | 4420 | 40 | 216 | 4420 | [6.3] | IMD44 |
| 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\_n1A  DC\_20A-40C\_n1A | 20 | 841 | 5 | 25 | 800 | 8.0 | IMD4 |
| 40 | 2330 | 5 | 25 | 2330 | N/A | N/A |
| n1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
| 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 | 1715 | 5 | 25 | 2115 | 29.2 | IMD2 |
| n77 | 3970 | 10 | 25 | 3970 | N/A | N/A |
| 25 | 1880 | 5 | 25 | 1960 | M/A | N/A |
| 66 | 1740 | 5 | 25 | 2140 | 10.4 | IMD4 |
| n77 | 3500 | 10 | 25 | 3500 | 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 | 1760 | 5 | 25 | 2160 | N/A | N/A |
| n77 | 3720 | 10 | 25 | 3720 | N/A | N/A |
| 25 | 1860 | 5 | 25 | 1940 | 9.1 | IMD411 |
| 66 | 1775 | 5 | 25 | 2175 | N/A | N/A |
| n77 | 3385 | 10 | 25 | 3385 | N/A | N/A |
| 25 | 1855 | 5 | 25 | 1935 | 4.2 | IMD5 |
| 66 | 1715 | 5 | 25 | 2115 | N/A | N/A |
| n77 | 3540 | 10 | 25 | 3540 | 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\_28A-40A\_n78A DC\_28A-40C\_n78A | 28 | N/A | 5 | 25 | 800.5 | 11 | IMD3 |
| 40 | 2302.5 | 5 | 25 | 2302.5 | N/A | N/A |
| n78 | 3795 | 10 | 50 | 3795 | N/A | N/A |
| 28 | 715 | 5 | 25 | 770 | N/A | N/A |
| 40 | 2320 | 5 | 25 | 2320 | 15.7 | IMD3 |
| n78 | 3750 | 10 | 50 | 3750 | N/A | N/A |
| DC\_29A-30A\_n66A | 29 | N/A | 5 | 25 | 719.5 | 4.5 | IMD5 |
| 30 | 2307.5 | 5 | 25 | 2352.5 | N/A | N/A |
| n66 | 1777.5 | 5 | 25 | 2177.5 | 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\_40A\_n1A-n78A | 40 | 2340 | 5 | 25 | 2340 | N/A | N/A |
|  | n1 | 1930 | 5 | 25 | 2120 | N/A | N/A |
|  | n78 | 3450 | 10 | 50 | 3450 | 9.8 | IMD4 |
|  | 40 | 2360 | 5 | 25 | 2360 | N/A | N/A |
|  | n1 | 1950 | 5 | 25 | 2140 | 9.1 | IMD4 |
|  | n78 | 3430 | 10 | 50 | 3430 | 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-48A\_n5A5  DC\_46C-48A\_n5A5  DC\_46D-48A\_n5A5  DC\_46E-48A\_n5A5 | 46 | N/A | N/A | N/A | N/A | N/A | IMD2,  IMD3 |
| 48 | N/A | N/A | N/A | N/A | N/A | N/A |
| n5 | N/A | N/A | N/A | N/A | N/A | N/A |
| DC\_46A-48A\_n66A5  DC\_46C-48A\_n66A5  DC\_46D-48A\_n66A5  DC\_46E-48A\_n66A5 | 46 | N/A | N/A | N/A | N/A | N/A | IMD2,  IMD3 |
| 48 | 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\_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\_46A-66A\_n77A5 | 46 | N/A | N/A | N/A | N/A | N/A | IMD2,  IMD3 |
| 66 | N/A | N/A | N/A | N/A | N/A | N/A |
| n77 | N/A | N/A | N/A | N/A | 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-n66A | 66 | 1775 | 5 | 25 | 2175 | N/A | N/A |
|  | n2 | 1855 | 5 | 25 | 1935 | 20 | IMD3 |
|  | n66 | 1720 | 5 | 25 | 2120 | N/A | N/A |
|  | 66 | 1720 | 5 | 25 | 2120 | N/A | N/A |
|  | n2 | 1870 | 5 | 25 | 1950 | N/A | N/A |
|  | n66 | 1770 | 5 | 25 | 2170 | 4.0 | IMD5 |
| DC\_66A\_n2A-n77A | n2 | 1880 | 5 | 25 | 1960 | 32.1 | IMD2 |
|  | 66 | 1760 | 5 | 25 | 2160 | N/A | N/A |
|  | n77 | 3720 | 10 | 50 | 3720 | 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 | 1770 | 5 | 25 | 2170 | N/A | N/A |
|  | n5 | 845 | 5 | 25 | 890 | N/A | N/A |
|  | n77 | 3460 | 10 | 50 | 3460 | 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\_n25A-n66A | 66 | 1712.5 | 5 | 25 | 2112.5 | N/A | N/A |
|  | n25 | 1912.5 | 5 | 25 | 1992.5 | N/A | N/A |
|  | n66 | 1717.5 | 5 | 25 | 2117.5 | 23 | IMD3 |
|  | 66 | 1750 | 5 | 25 | 2150 | N/A | N/A |
|  | n25 | 1873 | 5 | 25 | 1953 | N/A | N/A |
|  | n66 | 1719 | 5 | 25 | 2119 | 4 | IMD5 |
| 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-n71A | 66 | 1752 | 5 | 25 | 2152 | N/A | N/A |
|  | n66 | 1718 | 5 | 25 | 2118 | 5.0 | IMD4 |
|  | n71 | 693 | 5 | 25 | 647 | N/A | N/A |
| 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 |
| DC\_66A\_n71A-n78A | 66 | 1712.5 | 5 | 25 | 2112.5 | N/A | N/A |
|  | n71 | 665.5 | 5 | 25 | 619.5 | N/A | N/A |
|  | n78 | 3709 | 5 | 25 | 3709 | 13.0 | IMD4 |
| DC\_71A\_n2A-n41A | n2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
|  | n41 | 2586 | 5 | 25 | 2586 | 29.2 | IMD2 |
|  | 71 | 686 | 5 | 50 | 640 | N/A | N/A |
|  | n2 | 1862 | 5 | 25 | 1942 | 26 | IMD2 |
|  | n41 | 2610 | 5 | 25 | 2610 | N/A | N/A |
|  | 71 | 668 | 5 | 25 | 622 | N/A | N/A |
| DC\_71A\_n2A-n78A | n2 | 1907.5 | 5 | 25 | 1987.5 | N/A | N/A |
|  | 71 | 695.5 | 5 | 25 | 649.5 | N/A | N/A |
|  | n78 | 3305 | 10 | 50 | 3305 | 8.0 | IMD3 |
|  | n2 | 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\_71A\_n38A-n78A | 71 | 693 | 5 | 25 | 647 | N/A | N/A |
|  | n38 | 2615 | 5 | 25 | 2615 | N/A | N/A |
|  | n78 | 3308 | 10 | 50 | 3308 | 29.1 | IMD2 |
|  | 71 | 693 | 5 | 25 | 647 | N/A | N/A |
|  | n78 | 3308 | 10 | 50 | 3308 | N/A | N/A |
|  | n38 | 2615 | 5 | 25 | 2615 | 28.7 | IMD2 |
| DC\_71A\_n66A-n78A | 71 | 693 | 5 | 25 | 647 | N/A | N/A |
|  | n78 | 3546 | 10 | 50 | 3546 | N/A | N/A |
|  | n66 | 1760 | 5 | 25 | 2160 | 15.5 | IMD3 |
|  | 71 | 665.5 | 5 | 25 | 619.5 | N/A | N/A |
|  | n78 | 3697.5 | 10 | 50 | 3697.5 | 13.0 | IMD4 |
|  | n66 | 1712.5 | 5 | 25 | 2112.5 | 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 | | DC\_2A-46A\_n77A | DC\_2A\_n77A | fc\_2A + fc\_n77A | BW\_2A + BW\_n77A | | DC\_2A-46A\_n77A | DC\_2A\_n77A | -fc\_2A + 2\*fc\_n77A | -BW\_2A + 2\*BW\_n77A | | DC\_13A-46A\_n77A | DC\_13A\_n77A | 2\*fc\_13A + fc\_n77A | 2\*BW\_13A + BW\_n77A | | DC\_13A-46A\_n77A | DC\_13A\_n77A | 3\*fc\_13A + fc\_n77A | 3\*BW\_13A + BW\_n77A | | DC\_13A-46A\_n77A | DC\_13A\_n77A | -3\*fc\_13A + 2\*fc\_n77A | -3\*BW\_13A + 2\*BW\_n77A | | DC\_46A-66A\_n77A | DC\_66A\_n77A | fc\_66A + fc\_n77A | BW\_66A + BW\_n77A | | DC\_46A-66A\_n77A | DC\_66A\_n77A | -fc\_66A + 2\*fc\_n77A | -BW\_66A + 2\*BW\_n77A | | DC\_13A-46A\_n66A | DC\_13A\_n66A | 3\*fc\_13A + fc\_n66A | BW\_13A + 2\*BW\_n66A | | DC\_13A-46A\_n66A | DC\_13A\_n66A | 2\*fc\_13A + 3\*fc\_n66A | BW\_13A + 2\*BW\_n66A | | DC\_46-48A\_n66A | DC\_48A\_n66A | fc\_48A + fc\_n66A | BW\_48A + 2\*BW\_n66A | | DC\_46-48A\_n66A | DC\_48A\_n66A | 2\*fc\_48A + fc\_n66A | 2\*BW\_48A + BW\_n66A | | DC\_2A-46\_n5A | DC\_2A\_n5A | 2\*fc\_2A + 2\*fc\_n5A | BW\_2A + 2\*BW\_n5A | | DC\_2A-46\_n5A | DC\_2A\_n5A | fc\_2A + 4\*fc\_n5A | BW\_2\*2A + BW\_n5A | | DC\_46-48A\_n5A | DC\_48A\_n5A | 2\*fc\_48A + fc\_n5A | BW\_48A + 2\*BW\_n5A | | DC\_46-48A\_n5A | DC\_48A\_n5A | 2\*fc\_48A + 2\*fc\_n5A | BW\_2\*48A + BW\_n5A |   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: This band is subject to IMD4 also which MSD is not specified.  NOTE 10: 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.  NOTE 11: The MSD test points cannot be verified for the band combination in US due to the Band n77 frequency range restriction. | | | | | | | |

Table 7.3B.2.3.5.2-1a: MSD test points for PCell due to dual uplink operation for PC2 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\_2A-5A\_n77A | 2 | 1907.5 | 5 | 25 | 1987.5 | N/A | N/A |
| 5 | 842.5 | 5 | 25 | 887.5 | 16.6 | IMD5 |
| n77 | 3305 | 5 | 25 | 3305 | N/A | N/A |
| 2 | 1907 | 5 | 25 | 1987 | 24.8 | IMD3 |
| 5 | 846.5 | 5 | 25 | 891.5 | N/A | N/A |
| n77 | 3680 | 5 | 25 | 3680 | N/A | N/A |
| 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 | 24.5 | IMD3 |
|  | 2 | 1907 | 5 | 25 | 1987 | N/A | N/A |
|  | n5 | 844 | 5 | 25 | 889 | 16.6 | IMD5 |
|  | n77 | 3305 | 10 | 50 | 3305 | N/A | N/A |
| DC\_2A-13A\_n77A | 2 | 1864 | 5 | 25 | 1944 | 24.2 | IMD3 |
| 13 | 783 | 5 | 25 | 752 | N/A | N/A |
| n77 | 3510 | 5 | 25 | 3510 | N/A | N/A |
| DC\_2A-66A\_n41A | 2 | 1860 | 5 | 25 | 1940 | 22.6 | IMD4 |
| 66 | 1715 | 5 | 25 | 2115 | N/A | N/A |
| n41 | 2685 | 5 | 25 | 2685 | N/A | N/A |
| DC\_2A-66A\_n77A | 2 | 1855 | 5 | 25 | 1935 | N/A | N/A |
| 66 | 1765 | 5 | 25 | 2185 | 34.7 | IMD2 |
| n77 | 4040 | 5 | 25 | 4040 | N/A | N/A |
| 2 | 1905 | 5 | 25 | 1985 | M/A | N/A |
| 66 | 1720 | 5 | 25 | 2120 | 21.1 | IMD41 |
| n77 | 3595 | 5 | 25 | 3595 | N/A | N/A |
| 2 | 1880 | 5 | 25 | 1960 | 37.6 | IMD2 |
| 66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
| n77 | 3700 | 5 | 25 | 3700 | N/A | N/A |
| 2 | 1860 | 5 | 25 | 1940 | 19.8 | IMD41 |
| 66 | 1775 | 5 | 25 | 2195 | N/A | N/A |
| n77 | 3385 | 5 | 25 | 3385 | N/A | N/A |
| DC\_13A\_n2A-n77A | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
| n2 | 1880 | 5 | 25 | 1960 | 25.0 | IMD3 |
| n77 | 3524 | 10 | 50 | 3524 | N/A | N/A |
| DC\_13A-66A\_n77A | 13 | 777 | 5 | 25 | 746 | N/A | N/A |
| 66 | 1746 | 5 | 25 | 2146 | 25.3 | IMD3 |
| n77 | 3700 | 10 | 50 | 3700 | N/A | N/A |
| 13 | 781 | 5 | 25 | 750 | 23.4 | IMD3 |
| 66 | 1710 | 5 | 25 | 2110 | N/A | N/A |
| n77 | 4170 | 10 | 50 | 4170 | N/A | N/A |
| DC\_13A\_n66A-n77A | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
| n66 | 1756 | 5 | 25 | 2156 | 26.1 | IMD3 |
| n77 | 3720 | 10 | 50 | 3720 | 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 | 34.9 | IMD2 |
| 66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
| n2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
| n77 | 3340 | 10 | 50 | 3340 | 20.9 | IMD41 |
| n2 | 1880 | 5 | 25 | 1960 | 37.6 | IMD2 |
| 66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
| n77 | 3700 | 10 | 50 | 3700 | N/A | N/A |
| n2 | 1880 | 5 | 25 | 1960 | 21.1 | IMD41 |
| 66 | 1770 | 5 | 25 | 2170 | N/A | N/A |
| n77 | 3350 | 10 | 50 | 3350 | N/A | N/A |
| DC\_66A\_n5A-n77A DC\_66A-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 | 24.9 | IMD3 |
| 66 | 1714 | 5 | 25 | 2114 | N/A | N/A |
| n5 | 827 | 5 | 25 | 872 | N/A | N/A |
| n77 | 4195 | 10 | 50 | 4195 | 24.1 | IMD41 |
| NOTE 1: This band is subject to IMD5 also which MSD is not specified. | | | | | | | |

## **<<Unchanged parts skipped>>**

##### 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 | 03 |
|  |  | 0.54 |
| 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\_n3-n79 | n79 | 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 |
|  | n28 | 0.2 |
| DC\_1-32\_n28 | n28 | 0.2 |
| DC\_1-32\_n78 | n78 | 0.5 |
| DC\_1-38\_n28 | n28 | 0.2 |
| 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 | 03/0.54 |
| 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\_n2-n66 | 2 | 0.3 |
|  | n2 | 0.3 |
|  | n66 | 0.3 |
| DC\_2\_n2-n77 | 2 | 0.2 |
|  | n2 | 0.2 |
|  | n77 | 0.5 |
| DC\_2\_n2-n78 | 2 | 0.2 |
|  | n2 | 0.2 |
|  | 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  DC\_2-2-5\_n77 | 2 | 0.2 |
|  | 5 | 0.2 |
|  | n77 | 0.5 |
| DC\_2\_n5-n77 | 2 | 0.2 |
|  | n77 | 0.5 |
| DC\_2-5\_n78 | 2 | 0.2 |
|  | 5 | 0.2 |
|  | n78 | 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  DC\_2-2-13\_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 |
|  | 2 | 0.5 |
| DC\_2-30\_n2 | 30 | 0.3 |
|  | n2 | 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  DC\_2-48-48\_n77  DC\_2-48-48-48\_n77 | 48 | 0.2 |
|  | n77 | 0.1 |
| DC\_2-48\_n71 | 2 | 0.2 |
|  | 48 | 0.5 |
|  | 2 | 0.3 |
| DC\_2-66\_n2 | 66 | 0.3 |
|  | n2 | 0.3 |
| 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/n66 | 0.3 |
| DC\_2-66\_n77  DC\_2-2-66\_n77  DC\_2-66-66\_n77  DC\_2-2-66-66\_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 |
| DC\_2\_n71-n78 | 71/n71 | 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 | 03/0.54 |
| 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  DC\_3-3-7\_n8  DC\_3-7-7\_n8  DC\_3-3-7-7\_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 |
| DC\_3-3\_n8-n78 | 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 | 03/0.54 |
| 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\_n28 | n28 | 0.2 |
| DC\_3-38\_n78 | 3 | 0.2 |
|  | 38 | 0.4 |
|  | n78 | 0.5 |
| DC\_3\_n40-n41 | n41 | 03 |
|  |  | 0.54 |
| 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 | 03/0.54 |
|  | 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 | 03 |
|  |  | 0.54 |
|  | n77 | 0.5 |
| DC\_3-41\_n78  DC\_3\_n41-n78 | 3 | 0.2 |
|  | 41 or n41 | 03 |
|  |  | 0.54 |
|  | n78 | 0.5 |
| DC\_3-41-n79,  DC\_3\_n41-n79 | 3 | 0.2 |
|  | 41 or n41 | 03 |
|  |  | 0.54 |
| DC\_3\_SUL\_n41-n80 | n41 | 03/0.54 |
| 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\_n2-n77 | 5 | 0.2 |
|  | n2 | 0.2 |
|  | n77 | 0.5 |
| DC\_5\_n5-n77 | 5 | 0.2 |
|  | n5 | 0.2 |
|  | n77 | 0.5 |
| 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\_n2 | 30 | 0.5 |
|  | n2 | 0.4 |
| DC\_5\_30\_n66 | 30 | 0.5 |
|  | n66 | 0.4 |
| DC\_5\_n38-n66 | 5 | 0.2 |
| 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 |
| DC\_5\_n66-n77 | 66 or n66 | 0.2 |
|  | n77 | 0.5 |
| DC\_5-66\_n78 | 5 | 0.2 |
| DC\_5\_n66-n78 | 66/n66 | 0.2 |
|  | n78 | 0.5 |
| DC\_7\_n1-n8,  DC\_7-7\_n1-n8 | n8 | 0.2 |
| DC\_7\_n1-n78 | 7 | 0.2 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_7\_n2-n66 | 7 | 0.5 |
|  | n2 | 0.3 |
|  | n66 | 0.5 |
| DC\_7\_n2-n71 | 7 | 0.3 |
|  | n2 | 0.3 |
| DC\_7\_n2-n78 | 7 | 0.5 |
|  | n2 | 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 |
| DC\_7-7\_n8-n78 | 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\_n25-n66 | 7 | 0.5 |
|  | n25 | 0.3 |
|  | n66 | 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\_7-29\_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\_n25  DC\_7-7-66\_n25 | 7 | 0.3 |
|  | 66 | 0.5 |
|  | n25 | 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 |
| DC\_7\_n66-n77 | 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 |
| DC\_7\_n66-n71 | 66/n66 | 0.5 |
|  | n71 | 0.1 |
| DC\_7\_n71-n78 | n71 | 0.2 |
|  | n78 | 0.5 |
| 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\_n1-n40 | 8 | 0.2 |
|  | n40 | 0.5 |
| DC\_8\_n3-n77 | 8 | 0.2 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_8\_n3-n79 | n79 | 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\_n28-n78 | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_8\_n39-n40 | n39 | 0.3 |
|  | n40 | 0.3 |
| 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\_8\_n77-n79 | 8 | 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 DC\_12\_n66-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\_n7-n78 | 13 | 0.2 |
|  | n7 | 0.5 |
|  | n78 | 0.5 |
| DC\_13\_n25-n66 | n25 | 0.3 |
|  | n66 | 0.3 |
| 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  DC\_13-66-66\_n77 | 13 | 0.3 |
|  | 66 | 0.3 |
|  | n77 | 0.5 |
| DC\_13\_n66-n77 | n66 | 0.2 |
|  | n77 | 0.5 |
| DC\_14-30\_n2 | 30 | 0.5 |
|  | n2 | 0.4 |
| DC\_14-30\_n66 | 30 | 0.5 |
|  | n66 | 0.4 |
| DC\_14-66\_n2 DC\_14-66-66\_n2 | 66 | 0.3 |
|  | n2 | 0.3 |
| DC\_18\_n3-n77 | n3 | 0.2 |
|  | n77 | 0.5 |
| 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 | 03/0.54 |
| 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\_n8-n78 | 20 | 0.2 |
|  | n8 | 0.2 |
|  | n78 | 0.5 |
| DC\_20-28\_n1 | 20 | 0.2 |
|  | 28 | 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\_n28-n77 | 21 | 0.5 |
| DC\_21\_n28-n78 | n28 | 0.2 |
|  | n77/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\_28-40\_n78 | 28 | 0.2 |
|  | 40 | 0.4 |
|  | 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\_29-30\_n2 | 30 | 0.3 |
|  | n2 | 0.5 |
| DC\_29-30-n66 | 30 | 0.5 |
|  | n66 | 0.4 |
| 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 |
|  | 30 | 0.5 |
| DC\_30-66-n66 | 66 | 0.5 |
|  | n66 | 0.4 |
| 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\_40\_n1-n78 | 40 | 0.4 |
| n1 | 0.2 |
| n78 | 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-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\_46-48\_n5 | 48 | 0.5 |
| DC\_46-48\_n66 | 48 | 0.5 |
|  | 66 | 0.3 |
| 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-n38 | 66 | 0.5 |
|  | n2 | 0.3 |
|  | n38 | 0.5 |
| DC\_66\_n2-n66 | 66 | 0.3 |
|  | n2 | 0.3 |
|  | n66 | 0.3 |
| DC\_66\_n2-n71 | 66 | 0.3 |
|  | n2 | 0.3 |
| 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-n66 | 66 | 0.3 |
|  | n25 | 0.3 |
|  | n66 | 0.3 |
| 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-n71 | 66 | 0.5 |
|  | n38 | 0.5 |
|  | n71 | 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 |
| DC\_66\_n71-n78 | 71/n71 | 0.2 |
|  | n78 | 0.5 |
| DC\_66-SUL\_n78-n86 | 66 | 0.2 |
|  | n78 | 0.5 |
| DC\_71\_n2-n66 | n2 | 0.3 |
|  | n66 | 0.3 |
| DC\_71\_n2-n78 | 71 | 0.2 |
|  | n2 | 0.2 |
|  | n78 | 0.5 |
| DC\_71\_n38-n66 | 71 | 0.5 |
|  | n38 | 0.5 |
|  | n66 | 0.5 |
| DC\_71\_n38-n78 | 71 | 0.2 |
|  | n78 | 0.5 |
| DC\_71\_n66-n78 | 71 | 0.2 |
|  | n66 | 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. | | |

##### 7.3B.3.3.3 ΔRIB,c for EN-DC four bands

Table 7.3B.3.3.3-1: ΔRIB,c due to EN-DC (four bands)

| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔRIB,c (dB) |
| --- | --- | --- |
| DC\_1-3\_n3-n41 | n41 | 03/0.54 |
| DC\_1-3\_n3-n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3\_n3-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-5\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-7\_n28 | n28 | 0.2 |
| DC\_1-3-7\_n40 | 7 | 0.3 |
|  | n40 | 0.8 |
| DC\_1-3-7\_n78  DC\_1-3-7-7\_n78  DC\_1-3\_n7-n78 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 7 or n7 | 0.3 |
|  | n78 | 0.5 |
| DC\_1-3-8\_n28 | 8 | 0.2 |
|  | n28 | 0.2 |
| DC\_1-3-8\_n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 8 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-8\_n78 | 1 | 0.2 |
| DC\_1-3\_n8-n78 | 3 | 0.2 |
|  | 8 or n8 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-11\_n28 | 3 | 0.3 |
|  | 11 | 0.5 |
|  | n28 | 0.2 |
| DC\_1-3-11\_n77 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 11 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-18\_n28 | n28 | 0.2 |
| DC\_1-3-18\_n41 | n41 | 0.26 |
| DC\_1-3-28\_n3 | 28 | 0.2 |
| DC\_1-3-18\_n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-18\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-19\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-20\_n28 | 20 | 0.2 |
|  | n28 | 0.2 |
| DC\_1-3-20\_n41 | n41 | 01 |
|  |  | 0.54 |
| DC\_1-3-20\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-21\_n77 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-21\_n78 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-3-21\_n79 | 3 | 0.3 |
|  | 21 | 0.5 |
| DC\_1-3-28\_n5 | 28 | 0.2 |
|  | n5 | 0.2 |
| DC\_1-3-28\_n7 | 28 | 0.2 |
| DC\_1-3-28\_n40 | 28 | 0.2 |
| DC\_1-3-28\_n77  DC\_1-3\_n28-n77  DC\_1\_n3-n28-n77 | 1 | 0.2 |
|  | 3 or n3 | 0.2 |
|  | 28 or n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-28\_n78  DC\_1-3\_n28-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 28 or n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-28\_n79 | 1 | 0.2 |
| DC\_1-3\_n28-n79 | 3 | 0.2 |
|  | 28/n28 | 0.2 |
| DC\_1-3-32\_n78 | n78 | 0.5 |
| DC\_1-3-38\_n28 | n28 | 0.2 |
| DC\_1-3\_n38-n78 | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-40\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 40 | 0.48 |
|  | n78 | 0.58 |
| DC\_1-3\_n40-n78 | 3 | 0.2 |
|  | n40 | 0.45 |
|  | n78 | 0.55 |
| DC\_1-3-41\_n3 | 41 | 03/0.54 |
| DC\_1-3-41\_n28 | 41 | 03/0.54 |
|  | n28 | 0.2 |
| DC\_1-3-41\_n41 | 41 | 03/0.54 |
|  | n41 | 03/0.54 |
| DC\_1-3\_(n)41 | 41 | 03/0.54 |
|  | n41 | 03/0.54 |
| DC\_1-3-41\_n77  DC\_1-3\_n41-n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-41\_n78  DC\_1-3\_n41-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-41\_n79 | 41 | 03/0.54 |
| DC\_1-3-42\_n28 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n28 | 0.5 |
| DC\_1-3-42\_n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-42\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-3-42\_n79 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
| DC\_1-3\_n77-n79 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3\_n78-n79 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3\_SUL\_n78-n80 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-5-7\_n78  DC\_1-5-7-7\_n78 | 1 | 0.2 |
|  | 5 | 0.2 |
|  | 7 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7\_n3-n78 | n78 | 0.5 |
| DC\_1-7\_n7-n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | n7 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-8\_n28 | 8 | 0.2 |
|  | n28 | 0.2 |
| DC\_1-7-8\_n78 | 1 | 0.2 |
| DC\_1-7\_n8-n78 | 7 | 0.2 |
|  | 8 or n8 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-20\_n28 | 20 | 0.2 |
|  | n28 | 0.2 |
| DC\_1-7-20\_n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | 20 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-28\_n3 | 28 | 0.2 |
| DC\_1-7-28\_n5 | 28 | 0.2 |
|  | n5 | 0.2 |
| DC\_1-7-28\_n7 | 28 | 0.2 |
| DC\_1-7-28\_n40 | 7 | 0.3 |
|  | 28 | 0.2 |
|  | n40 | 0.8 |
| DC\_1-7-28\_n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | 28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7\_n28-n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-32\_n28 | n28 | 0.2 |
| DC\_1-7-32\_n78 | 1 | 0.6 |
|  | 7 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-7-38\_n28 | 38 | 0.2 |
|  | n28 | 0.2 |
| DC\_1-7-40\_n78 | 1 | 0.2 |
|  | 40 | 0.48 |
|  | n78 | 0.58 |
| DC\_1-7\_n40-n78 | 1 | 0.2 |
|  | n40 | 0.4 |
|  | n78 | 0.5 |
| DC\_1-8\_n3-n28 | 8 | 0.2 |
|  | n28 | 0.2 |
| DC\_1-8\_n3-n77 | 1 | 0.2 |
|  | 8 | 0.2 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-8-11\_n3 | 11 | 0.3 |
|  | n3 | 0.5 |
| DC\_1-8-11\_n28 | 8 | 0.2 |
|  | n28 | 0.2 |
| DC\_1-8-11\_n77 | 1 | 0.2 |
|  | 8 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-8-11\_n78 | 8 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-8-20\_n78 | 8 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-8\_n28-n77 | 1 | 0.2 |
|  | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-8\_n28-n78 | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-8\_n40-n78 |  |  |
|  | 8 | 0.2 |
|  | n40 | 0.4 |
|  | n78 | 0.5 |
| DC\_1-8-40\_n78 | 1 | 0.2 |
|  | 8 | 0.2 |
|  | 40 | 0.48 |
|  | n78 | 0.58 |
| DC\_1-8-42\_n3 | 8 | 0.2 |
|  | 42 | 0.5 |
|  | n3 | 0.2 |
| DC\_1-8-42\_n28 | 8 | 0.2 |
|  | 42 | 0.5 |
|  | n28 | 0.5 |
| DC\_1-8-42\_n77 | 1 | 0.2 |
|  | 8 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-11\_n3-n28 | 11 | 0.3 |
|  | n3 | 0.5 |
|  | n28 | 0.2 |
| DC\_1-11\_n3-n77 | 1 | 0.2 |
|  | 11 | 0.3 |
|  | n3 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-11-18\_n77 | 1 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-11-18\_n78 | n78 | 0.5 |
| DC\_1-11\_n28-n77 | 1 | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-18\_n3-n77 | 1 | 0.2 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-18\_n3-n78 | 1 | 0.2 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-11-18\_n3 | 11 | 0.5 |
|  | n3 | 0.3 |
| DC\_1-11-18\_n28 | n28 | 0.1 |
| DC\_1-18\_n28-n41 | n28 | 0.2 |
| DC\_1-18-28\_n77  DC\_1-18\_n28-n77 | n77 | 0.5 |
| DC\_1-18-28\_n78  DC\_1-18\_n28-n78 | n78 | 0.5 |
| DC\_1-18-41\_n3 | 41 | 03/0.54 |
| DC\_1-18-41\_n77  DC\_1-18\_n41-n77 | 1 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-18-41\_n78  DC\_1-18\_n41-n78 | n78 | 0.5 |
| DC\_1-18-42\_n77 | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-18-42\_n78 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-18-42\_n79 | 42 | 0.5 |
| DC\_1-19-42\_n77 | 1 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-19-42\_n78 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-19-42\_n79 | 42 | 0.5 |
| DC\_1-19\_n77-n79 | 1 | 0.3 |
|  | 19 | 0.3 |
|  | n77 | 0.5 |
| DC\_1-19\_n78-n79 | 1 | 0.3 |
|  | 19 | 0.3 |
|  | n78 | 0.5 |
| DC\_1-20\_n3-n78 | n78 | 0.5 |
| DC\_1-20\_n8-n78 | 1 | 0.2 |
|  | 20 | 0.2 |
|  | n8 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-20\_n28-n78 | 20 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-20-32\_n28 | 20 | 0.2 |
|  | n28 | 0.2 |
| DC\_1-20-32\_n78 | n78 | 0.5 |
| DC\_1-20-38\_n78 | 38 | 0.4 |
|  | n78 | 0.5 |
| DC\_1-20-40\_n78 | n78 | 0.88 |
| DC\_1-20\_n41-n78 | n78 | 0.5 |
| DC\_1-21\_n28-n77 | 1 | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-21\_n28-n78 | 1 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-21\_n28-n79 | 1 | 0.3 |
|  | n28 | 0.3 |
| DC\_1-21-42\_n77 | 1 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-21-42\_n78 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-21-42\_n79 | 42 | 0.5 |
| DC\_1-21\_n77-n79 | n77 | 0.5 |
| DC\_1-21\_n78-n79 | n78 | 0.5 |
| DC\_1-28\_n3-n77 | 1 | 0.2 |
|  | 28 | 0.2 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-28\_n3-n78 | 1 | 0.2 |
|  | 28 | 0.2 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-28\_n7-n78 | 1 | 0.2 |
|  | 28 | 0.2 |
|  | n7 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-28-40\_n78 | 28 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_1-28\_n40-n78 | 28 | 0.2 |
|  | n40 | 0.45 |
|  | n78 | 0.55 |
| DC\_1-28-42\_n77 | 1 | 0.2 |
|  | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-28-42\_n78 | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-28-42\_n79 | 28 | 0.2 |
|  | 42 | 0.5 |
| DC\_1\_n28-n77-n79 | 1 | 0.3 |
| n28 | 0.3 |
| n77 | 0.5 |
| DC\_1\_n28-n78-n79 | 1 | 0.3 |
| n28 | 0.3 |
| n78 | 0.5 |
| DC\_1-41\_n3-n41 | 41 | 03/0.54 |
|  | n41 | 03/0.54 |
| DC\_1-41\_n3-n77 | 1 | 0.2 |
|  | 41 | 03/0.54 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-41\_n3-n78 | 1 | 0.2 |
|  | 41 | 03/0.54 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-41\_n28-n41 | 41 | 03/0.54 |
|  | n41 | 03/0.54 |
| DC\_1-41\_n28-n77 | 1 | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-41\_n28-n78 | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-41\_n41-n77 | n77 | 0.5 |
| DC\_1-41\_n41-n78 | n78 | 0.5 |
| DC\_1-41-42\_n77 | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-41-42\_n78 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-41-42\_n79 | 42 | 0.5 |
| DC\_1-41-42\_n79 | 42 | 0.5 |
| DC\_1-42\_n3-n28 | 42 | 0.5 |
|  | n3 | 0.2 |
|  | n28 | 0.5 |
| DC\_1-42\_n3-n77 | 1 | 0.2 |
|  | 42 | 0.5 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-42\_n28-n77 | 1 | 0.2 |
|  | 42 | 0.5 |
|  | n28 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-42\_n77-n79 | 1 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-42\_n78-n79 | 1 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_2-4-7\_n28 | 2 | 0.3 |
|  | 4 | 0.5 |
|  | 7 | 0.5 |
|  | n28 | 0.2 |
| DC\_2-5-7\_n66  DC\_2-2-5-7\_n66  DC\_2-5-7-7\_n66 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-5\_(n)12 | 5 | 0.5 |
|  | 12 | 0.3 |
|  | n12 | 0.3 |
| DC\_2-12\_(n)5 | 5 | 0.5 |
|  | 12 | 0.5 |
| DC\_2-5-30\_n2 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | n2 | 0.4 |
| DC\_2-5-30\_n66 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | n66 | 0.4 |
| DC\_2-5-48\_n12 | 2 | 0.2 |
|  | 5 | 0.5 |
|  | 48 | 0.5 |
|  | n12 | 0.3 |
| DC\_2-5-48\_n71 | 2 | 0.2 |
|  | 48 | 0.5 |
| DC\_2-5-66\_n2 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n2 | 0.3 |
| DC\_2-5-66\_n5 | 2 | 0.3 |
|  | 66 | 0.3 |
| DC\_2-5-66\_n7 | 2 | 0.3 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_2-5-66\_n12 | 2 | 0.2 |
|  | 5 | 0.5 |
|  | 66 | 0.5 |
|  | n12 | 0.3 |
| DC\_2-5-66\_n48  DC\_2-5-66-66\_n48 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n48 | 0.5 |
| DC\_2-5-66\_n66 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n66 | 0.3 |
| DC\_2-5-66\_n71 | 2 | 0.3 |
|  | 66 | 0.3 |
| DC\_2-5-66\_n77  DC\_2-2-5-66\_n77  DC\_2-5-66-66\_n77 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n77 | 0.5 |
| DC\_2-7-12\_n66 DC\_2-2-7-12\_n66 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 12 | 0.5 |
|  | n66 | 0.3 |
| DC\_2-7-12\_n78 DC\_2-2-7-12\_n78 | 2 | 0.2 |
|  | 7 | 0.2 |
|  | 12 | 0.2 |
|  | n78 | 0.5 |
| DC\_2-7-13\_n66  DC\_2-7-7-13\_n66  DC\_2-2-7-7-13\_n66 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7\_n25-n66 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | n25 | 0.3 |
|  | n66 | 0.5 |
| DC\_2-7-28\_n66 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 28 | 0.2 |
|  | n66 | 0.5 |
| DC\_2-7\_n38-n66  DC\_2-7-7\_n38-n66 | 2 | 0.3 |
|  | n66 | 0.5 |
| DC\_2-7\_n38-n78  DC\_2-7-7\_n38-n78 | 2 | 0.2 |
|  | n78 | 0.5 |
| DC\_2-7-66\_n2 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n2 | 0.3 |
| DC\_2-7-66\_n7  DC\_2-7-66-66\_n7 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_2-7-66\_n28 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n28 | 0.2 |
| DC\_2-7-66\_n38  DC\_2-2-7-66\_n38 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n38 | 0.5 |
| DC\_2-7-66\_n66  DC\_2-7-7-66\_n66 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n66 |  |
| DC\_2-7-66\_n71, DC\_2-2-7-66\_n71 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
| DC\_2-7-66\_n77 | 2 | 0.2 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n77 | 0.5 |
| DC\_2-7-66\_n78  DC\_2-2-7-66\_n78  DC\_2-7-7-66\_n78  DC\_2-7-66-66\_n78  DC\_2-7-7-66-66\_n78 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n78 | 0.5 |
| DC\_2-7\_n66-n78  DC\_2-7-7\_n66-n78 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | n66 | 0.5 |
|  | n78 | 0.5 |
| DC\_2-7-71\_n2 | 71 | 0.2 |
| DC\_2-7-71\_n66 DC\_2-2-7-71\_n66 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | n66 | 0.3 |
| DC\_2-7-71\_n78 DC\_2-2-7 -71\_n78 | 2 | 0.2 |
|  | 7 | 0.2 |
|  | 71 | 0.2 |
|  | n78 | 0.5 |
| DC\_2-12-30\_n2 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | n2 | 0.4 |
| DC\_2-12-30\_n66 | 2 | 0.4 |
|  | 12 | 0.5 |
|  | 30 | 0.5 |
|  | n66 | 0.4 |
| DC\_2-12-48\_n5 | 2 | 0.3 |
|  | 12 | 0.3 |
|  | 48 | 0.5 |
|  | n5 | 0.5 |
| DC\_2-12-66\_n5 | 2 | 0.3 |
|  | 12 | 0.5 |
|  | 66 | 0.5 |
|  | n5 | 0.3 |
| DC\_2-12-66\_n2 | 2 | 0.3 |
|  | 12 | 0.5 |
|  | 66 | 0.3 |
|  | n2 | 0.3 |
| DC\_2-12-66\_n41 DC\_2-2-12-66\_n41 | 2 | 0.5 |
|  | 12 | 0.8 |
|  | 66 | 0.5 |
|  | n41 | 0.5 |
| DC\_2-12-66\_n66 | 2 | 0.3 |
|  | 12 | 0.5 |
|  | 66 | 0.3 |
|  | n66 | 0.3 |
| DC\_2-12-66\_n78 DC\_2-2-12-66\_n78 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n78 | 0.5 |
| DC\_2-13\_n25-n66 | 2 | 0.3 |
|  | 13 | 0 |
|  | n25 | 0.3 |
|  | n66 | 0.3 |
| DC\_2-13-48\_n77 | 2 | 0.2 |
|  | 48 | 0.5 |
|  | n77 | 0.5 |
| DC\_2-13-66\_n2 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n2 | 0.3 |
| DC\_2-13-66\_n5 | 2 | 0.3 |
|  | 66 | 0.3 |
| DC\_2-13-66\_n48 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n48 | 0.5 |
| DC\_2-13-66\_n66 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n66 |  |
| DC\_2-13-66\_n77  DC\_2-2-13-66\_n77  DC\_2-13-66-66\_n77 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n77 | 0.5 |
| DC\_2-13\_n66-n77 | 2 | 0.3 |
|  | n66 | 0.3 |
|  | n77 | 0.5 |
| DC\_2-14-30\_n2 | 2 | 0.3 |
|  | 30 | 0.3 |
|  | n2 | 0.3 |
| DC\_2-14-30\_n66 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | n66 | 0.4 |
| DC\_2-14-66\_n2  DC\_2-14-66-66\_n2 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n2 | 0.3 |
| DC\_2-14-66\_n66  DC\_2-2-14-66\_n66 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n66 | 0.3 |
| DC\_2-28-66\_n7 | 2 | 0.3 |
|  | 28 | 0.2 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_2-28-66\_n66 | 2 | 0.3 |
|  | 28 | 0.2 |
|  | 66 | 0.3 |
|  | n66 | 0.3 |
| DC\_2-29-30\_n2 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | n2 | 0.4 |
| DC\_2-29-30\_n66 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | n66 | 0.4 |
| DC\_2-29-66\_n2  DC\_2-29-66-66\_n2 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n2 | 0.3 |
| DC\_2-29-66\_n66 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n66 | 0.3 |
| DC\_2-29-66\_n78 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n78 | 0.5 |
| DC\_2-30-66\_n2  DC\_2-30-66-66\_n2 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n2 | 0.4 |
| DC\_2-30-66\_n5 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
| DC\_2-30-66\_n66 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n66 | 0.4 |
| DC\_2-46\_n41-n66 | 2 | 0.3 |
|  | n41 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-46\_n41-n71 | n71 | 0.2 |
| DC\_2-46-48\_n2 | 2 | 0.3 |
|  | 48 | 0.5 |
|  | n2 | 0.3 |
| DC\_2-46-48\_n5 | 2 | 0.2 |
|  | 48 | 0.5 |
| DC\_2-46-48\_n66 | 2 | 0.3 |
|  | 48 | 0.5 |
|  | n66 | 0.3 |
| DC\_2-46-66\_n5 | 2 | 0.3 |
|  | 66 | 0.3 |
| DC\_2-46-66\_n41 | 2 | 0.3 |
|  | 66 | 0.5 |
|  | n41 | 0.51 |
|  |  | 12 |
| DC\_2-48\_(n)5 | 2 | 0.2 |
|  | 48 | 0.5 |
| DC\_2-48\_n48-n66 | 2 | 0.3 |
|  | 48 | 0.4 |
|  | n48 | 0.4 |
|  | n66 | 0.3 |
| DC\_2-48-66\_n2 | 2 | 0.3 |
|  | 48 | 0.5 |
|  | 66 | 0.3 |
|  | n2 | 0.3 |
| DC\_2-48-66\_n5 | 2 | 0.3 |
|  | 48 | 0.5 |
|  | 66 | 0.3 |
| DC\_2-48-66\_n12 | 2 | 0.3 |
|  | 48 | 0.5 |
|  | 66 | 0.3 |
| DC\_2-48-66\_n66 | 2 | 0.3 |
|  | 48 | 0.5 |
|  | 66 | 0.3 |
|  | n66 | 0.3 |
| DC\_2-48-66\_n71 | 2 | 0.3 |
|  | 48 | 0.5 |
|  | 66 | 0.3 |
| DC\_2-48-66\_n77 | 2 | 0.3 |
|  | 48 | 0.5 |
|  | 66 | 0.3 |
|  | n77 | 0.5 |
| DC\_2-66\_(n)5 | 2 | 0.3 |
|  | 66 | 0.3 |
| DC\_2-66\_n5-n77 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n77 | 0.5 |
| DC\_2-66\_n25-n66 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n25 | 0.3 |
|  | n66 | 0.3 |
| DC\_2-66\_n38-n78 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | n38 | 0.5 |
|  | n78 | 0.5 |
| DC\_2-66\_n41-n71 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n41 | 0.51 |
|  |  | 12 |
|  | n71 | 0.5 |
| DC\_2-66-71\_n38  DC\_2-2-66-71\_n38 | 2 | 0.3 |
|  | 66 | 0.5 |
|  | n38 | 0.5 |
| DC\_2-66-71\_n41 DC\_2-2-66-71\_n41 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | 71 | 0.5 |
| n41 | 0.51 |
| 12 |
| DC\_2-66-71\_n66 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n66 | 0.3 |
| DC\_2-66-(n)71 | 2 | 0.3 |
|  | 66 | 0.3 |
| DC\_2-66-71\_n71 | 2 | 0.3 |
|  | 66 | 0.3 |
| DC\_2-66-71\_n78  DC\_2-2-66-71\_n78 | 2 | 0.3 |
|  | 66 | 0.5 |
|  | n78 | 0.5 |
| DC\_2-66\_n66-n77 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n66 | 0.3 |
|  | n77 | 0.5 |
| DC\_2-66\_n66-n78 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n66 | 0.3 |
|  | n78 | 0.5 |
| DC\_2-66-71\_n2 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n2 | 0.3 |
| DC\_3\_n1-n77-n79 | 3 | 0.2 |
| n1 | 0.2 |
| n77 | 0.5 |
| DC\_3\_n1-n78-n79 | 3 | 0.2 |
| n1 | 0.2 |
| n78 | 0.5 |
| DC\_3-5-7\_n78  DC\_3-5-7-7\_n78 | 3 | 0.2 |
|  | 5 | 0.2 |
|  | 7 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-5-41\_n79 | 41 | 03/0.54 |
| DC\_3-7\_n1-n8,  DC\_3-3-7\_n1-n8,  DC\_3-7-7\_n1-n8,  DC\_3-3-7-7\_n1-n8 | n8 | 0.2 |
| DC\_3-7\_n1-n40 | 3 | 0 |
|  | 7 | 0.3 |
|  | n1 | 0 |
|  | n40 | 0.8 |
| DC\_3-7\_n1-n78 | 3 | 0.3 |
|  | 7 | 0.3 |
|  | n1 | 0.3 |
|  | n78 | 0.5 |
| DC\_3-7\_n3-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-7\_n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-8\_n1  DC\_3-3-7-8\_n1  DC\_3-7-7-8\_n1  DC\_3-3-7-7-8\_n1 | 8 | 0.2 |
| DC\_3-7-8\_n28 | 8 | 0.2 |
|  | n28 | 0.1 |
| DC\_3-7-8\_n40 | 8 | 0.2 |
|  | n40 | 0.5 |
| DC\_3-7-8\_n77 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 8 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-7-8\_n78  DC\_3-3-7-8\_n78  DC\_3-7-7-8\_n78  DC\_3-3-7-7-8\_n78 | 3 | 0.2 |
| DC\_3-7\_n8-n78,  DC\_3-3-7\_n8-n78, DC\_3-7-7\_n8-n78, DC\_3-3-7-7\_n8-n78 | 7 | 0.2 |
|  | 8 or n8 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7\_n7-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | n7 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-20\_n28 | 20 | 0.2 |
|  | n28 | 0.1 |
| DC\_3-7-20\_n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-28\_n1 | 28 | 0.2 |
| DC\_3-7-28\_n40 | 7 | 0.3 |
|  | n40 | 0.8 |
| DC\_3-7-28\_n78  DC\_3-7\_n28-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 28 or n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-32\_n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-38\_n28 | 38 | 0.2 |
|  | n28 | 0.2 |
| DC\_3-7-40\_n1 | 7 | 0.3 |
|  | 40 | 0.8 |
| DC\_3-7\_n40-n78 | 3 | 0.2 |
|  | n40 | 0.48 |
|  | n78 | 0.58 |
| DC\_3-7\_SUL\_n78-n80 | 7 | 0.2 |
|  | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-8\_n1-n40 | n1 | 0.1 |
|  | n40 | 0.2 |
| DC\_3-8\_n1-n78  DC\_3-3-8\_n1-n78 | 3 | 0.2 |
|  | 8 | 0.2 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-8-11\_n28 | 3 | 0.3 |
|  | 8 | 0.2 |
|  | 11 | 0.5 |
|  | n28 | 0.2 |
| DC\_3-8-11\_n77 | 3 | 0.3 |
|  | 8 | 0.2 |
|  | 11 | 0.5 |
|  | n77 | 0.5 |
| DC\_3-8-20\_n78 | 3 | 0.2 |
|  | 8 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-8\_n28-n77 | 3 | 0.2 |
|  | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-8\_n28-n78 | 3 | 0.2 |
|  | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-8-40\_n1 | 40 | 0.2 |
|  | n1 | 0.1 |
| DC\_3-8-40\_n78 | 3 | 0.2 |
|  | 8 | 0.2 |
|  | 40 | 0.48 |
|  | n78 | 0.58 |
| DC\_3-8\_n40-n78 | 3 | 0.2 |
|  | 8 | 0.2 |
|  | n40 | 0.4 |
|  | n78 | 0.5 |
| DC\_3-8-42\_n77 | 3 | 0.2 |
|  | 8 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_3-8\_SUL\_n78-n80 | 3 | 0.2 |
|  | 8 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-11\_n28-n77 | 3 | 0.3 |
|  | 11 | 0.5 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-18\_n3-n41 | 3 | 0.2 |
|  | n3 | 0.2 |
| DC\_3-18\_n3-n77 | 3 | 0.2 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-18\_n3-n78 | 3 | 0.2 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-18\_n28-n41 | 3 | 0.2 |
|  | n28 | 0.2 |
| DC\_3-18\_n28-n77 | **3** | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-18\_n28-n78 | **3** | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-18\_n41-n77 | 3 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-18\_n41-n78 | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-18-42\_n77 | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_3-18-42\_n78 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_3-18-42\_n79 | 3 | 0.2 |
|  | 42 | 0.5 |
| DC\_3-19\_n1-n77 | 3 | 0.2 |
|  | n1 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-19\_n1-n78 | 3 | 0.2 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-19-21\_n77 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n77 | 0.5 |
| DC\_3-19-21\_n78 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n78 | 0.5 |
| DC\_3-19-21\_n79 | 3 | 0.3 |
|  | 21 | 0.5 |
| DC\_3-19-42\_n1 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
| DC\_3-19-42\_n77 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_3-19-42\_n78 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_3-19-42\_n79 | 3 | 0.2 |
|  | 42 | 0.5 |
| DC\_3-19\_n77-n79 | 3 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-19\_n78-n79 | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-20\_n1-n28 | n1 | 0.2 |
|  | n28 | 0.2 |
| DC\_3-20\_n1-n78 | n1 | 0.2 |
|  | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-20\_n7-n28 | 20 | 0.1 |
|  | n28 | 0.1 |
| DC\_3-20\_n8-n78 | 3 | 0.2 |
|  | 20 | 0.2 |
|  | n8 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-20-28\_n1 | 20 | 0.2 |
|  | 28 | 0.2 |
| DC\_3-20\_n28-n78 | 3 | 0.2 |
|  | 20 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-20-32\_n78 | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-20-38\_n78  DC\_3-20\_n38-n78 | 3 | 0.2 |
|  | 20 | 0.2 |
|  | 38 or n38 | 0.4 |
|  | n78 | 0.5 |
| DC\_3-20-40\_n78 | 3 | 0.2 |
|  | 28 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_3-20\_n41-n78 | n78 | 0.5 |
| DC\_3\_20\_SUL\_n78-n80 | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-21\_n1-n77 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n1 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-21\_n1-n78 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-21\_n1-n79 | 3 | 0.3 |
|  | 21 | 0.5 |
| DC\_3-21\_n28-n77 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-21\_n28-n78 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-21\_n28-n79 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n28 | 0.3 |
| DC\_3-21-42\_n1 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
| DC\_3-21-42\_n77 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_3-21-42\_n78 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_3-21-42\_n79 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
| DC\_3-21\_n77-n79 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n77 | 0.5 |
| DC\_3-21\_n78-n79 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n78 | 0.5 |
| DC\_3-28\_n1-n40 | 3 | 0 |
|  | 28 | 0.2 |
|  | n1 | 0 |
|  | n40 | 0 |
| DC\_3-28\_n1-n78 | 3 | 0.2 |
|  | 28 | 0.2 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-28\_n3-n78 | 3 | 0 |
|  | 28 | 0.2 |
|  | n3 | 0 |
|  | n78 | 0.5 |
| DC\_3-28\_n7-n78  DC\_3-3-28\_n7-n78 | 3 | 0.5 |
|  | 28 | 0.2 |
|  | n7 | 0.4 |
|  | n78 | 0.5 |
| DC\_3-28-40\_n78 | 3 | 0.2 |
|  | 28 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_3-28\_n40-n78 | 3 | 0.2 |
|  | 28 | 0.2 |
|  | n40 | 0.45 |
|  | n78 | 0.55 |
| DC\_3-28-41\_n78 | 3 | 0.5 |
|  | 28 | 0.2 |
|  | 41 | 0.43/0.54 |
|  | n78 | 0.5 |
| DC\_3-28-42\_n77 | 3 | 0.2 |
|  | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_3-28-42\_n78 | 3 | 0.2 |
|  | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_3-28-42\_n79 | 3 | 0.2 |
|  | 28 | 0.2 |
|  | 42 | 0.5 |
| DC\_3\_n28-n77-n79 | 3 | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_3\_n28-n78-n79 | 3 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-40\_n1-n78 | 3 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_3-41\_n3-n41 | 41 | 03/0.54 |
|  | n41 | 03/0.54 |
| DC\_3-41\_n3-n77 | 3 | 0.2 |
|  | 41 | 03/0.54 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-41\_n3-n78 | 3 | 0.2 |
|  | 41 | 03/0.54 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-41\_n28-n41 | 3 | 0.2 |
|  | 41 | 03/0.54 |
|  | n28 | 0.2 |
|  | n41 | 03/0.54 |
| DC\_3-41\_n28-n77 | 3 | 0.2 |
|  | 41 | 03/0.54 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-41\_n28-n78 | 3 | 0.5 |
|  | 41 | 0.43/0.54 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-41\_n41-n77 | 3 | 0.2 |
|  | 41 | 03/0.54 |
|  | n41 | 03/0.54 |
|  | n77 | 0.5 |
| DC\_3-41\_n41-n78 | 3 | 0.2 |
|  | 41 | 03/0.54 |
|  | n41 | 03/0.54 |
|  | n78 | 0.5 |
| DC\_3-41-42\_n77 | 3 | 0.5 |
|  | 41 | 03/0.54 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_3-41-42\_n78 | 3 | 0.5 |
|  | 41 | 03/0.54 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_3-41-42\_n79 | 3 | 0.5 |
|  | 41 | 03/0.54 |
|  | 42 | 0.5 |
| DC\_3-42\_n1-n77 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-42\_n1-n78 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-42\_n1-n79 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
| DC\_3-42\_n28-n77 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n28 | 0.5 |
|  | n77 | 0.5 |
| DC\_3-42\_n77-n79 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_3-42\_n78-n79 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_5-7-7\_n78 | 5 | 0.2 |
|  | 7 | 0.2 |
|  | n78 | 0.5 |
| DC\_5-7-66\_n2 | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n2 | 0.3 |
| DC\_5-7-66\_n7  DC\_5-7-66-66\_n7 | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_5-7-66\_n66 | 5 | 0.3 |
| DC\_5-7-7-66\_n66 | 66 | 0.3 |
|  | n66 |  |
| DC\_5-30-66\_n2 | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n2 | 0.4 |
| DC\_5-30-66\_n66 | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n66 | 0.4 |
| DC\_5-48\_(n)12 | 5 | 0.5 |
|  | 12 | 0.3 |
|  | n12 | 0.5 |
| DC\_5-48-66\_n12 | 5 | 0.5 |
|  | 48 | 0.5 |
|  | 66 | 0.2 |
|  | n12 | 0.3 |
| DC\_5-48-66\_n71 | 48 | 0.5 |
|  | 66 | 0.2 |
| DC\_5-66\_(n)12 | 12 | 0.5 |
|  | 66 | 0.5 |
|  | n12 | 0.5 |
| DC\_7-8\_n1-n40 | 7 | 0.3 |
| 8 | 0.2 |
| n40 | 0.8 |
| DC\_7-8\_n1-n78  DC\_7-7-8\_n1-n78 | 7 | 0.2 |
|  | 8 | 0.2 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_7-8\_n28-n78 | 7 | 0.2 |
|  | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_7-8-32\_n1 | 8 | 0.2 |
| DC\_7-8-40\_n1 | 7 | 0.3 |
|  | 8 | 0.2 |
|  | 40 | 0.8 |
| DC\_7-8-40\_n78 | 8 | 0.2 |
|  | 40 | 0.48 |
|  | n78 | 0.58 |
| DC\_7-8\_n40-n78 | 7 | 0 |
|  | 8 | 0.2 |
|  | n40 | 0.4 |
|  | n78 | 0.5 |
| DC\_7-12-66\_n2 | 7 | 0.5 |
|  | 12 | 0.5 |
|  | 66 | 0.3 |
|  | n2 | 0.3 |
| DC\_7-12-66\_n78 | 7 | 0.5 |
|  | 12 | 0.2 |
|  | 66 | 0.5 |
|  | n78 | 0.5 |
| DC\_7-13\_n25-n66 | 7 | 0.5 |
|  | 13 | 0 |
|  | n25 | 0.3 |
|  | n66 | 0.5 |
| DC\_7-13-66\_n66 | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n66 |  |
| DC\_7-20\_n1-n78 | 7 | 0.2 |
|  | 20 | 0.2 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_7-20\_n3-n78 | n78 | 0.5 |
| DC\_7-20\_n8-n78 | 20 | 0.2 |
|  | n8 | 0.2 |
|  | n78 | 0.5 |
| DC\_7-20-28\_n1 | 20 | 0.2 |
|  | 28 | 0.2 |
| DC\_7-20\_n28-n78 | 20 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_7-20-32\_n28 | n28 | 0.2 |
| DC\_7-20-32\_n78 | n78 | 0.5 |
| DC\_7-28\_n1-n40 | 7 | 0.3 |
|  | 28 | 0.2 |
|  | n1 | 0 |
|  | n40 | 0.8 |
| DC\_7-28\_n3-n78 | 7 | 0.5 |
|  | 28 | 0.2 |
|  | n3 | 0.5 |
|  | n78 | 0.5 |
| DC\_7-28\_n7-n78 | n78 | 0.5 |
| DC\_7-28\_n40-n78 | 28 | 0.2 |
|  | n40 | 0.4 |
|  | n78 | 0.5 |
| DC\_7-66\_n38-n78  DC\_7-7-66\_n38-n78 | 66 | 0.2 |
|  | n78 | 0.5 |
| DC\_7-28\_n1-n78 | 7 | 0.2 |
|  | 28 | 0.2 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_7-28-66\_n7 | 7 | 0.5 |
|  | 28 | 0.2 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_7-28-66\_n66 | 7 | 0.5 |
|  | 28 | 0.2 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_7-40\_n1-n78 | n1 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_7-66\_n25-n66 | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n25 | 0.3 |
|  | n66 | 0.5 |
| DC\_7-66\_n66-n78  DC\_7-7-66\_n66-n78 | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
|  | n78 | 0.5 |
| DC\_7-66-71\_n2 | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n2 | 0.3 |
| DC\_7-66-71\_n78 | 7 | 0.2 |
|  | 66 | 0.2 |
|  | n78 | 0.5 |
| DC\_8\_n3-n28-n77 | 8 | 0.2 |
|  | n3 | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_8-11\_n3-n28 | 8 | 0.2 |
|  | 11 | 0.3 |
|  | n3 | 0.5 |
|  | n28 | 0.2 |
| DC\_8-11\_n3-n77 | 8 | 0.2 |
|  | 11 | 0.3 |
|  | n3 | 0.5 |
|  | n77 | 0.5 |
| DC\_8-11\_n28-n77 | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_8\_n39-n40-n79 | n39 | 0.3 |
| n40 | 0.3 |
| n79 | 0.5 |
| DC\_8-40\_n1-n78 | 8 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_8-42\_n3-n28 | 8 | 0.2 |
|  | 42 | 0.5 |
|  | n3 | 0.2 |
|  | n28 | 0.5 |
| DC\_8-42\_n3-n77 | 8 | 0.2 |
|  | 42 | 0.5 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_8-42\_n28-n77 | 8 | 0.2 |
|  | 42 | 0.5 |
|  | n28 | 0.5 |
|  | n77 | 0.5 |
| DC\_11\_n3-n28-n77 | 11 | 0.3 |
| n3 | 0.5 |
| n28 | 0.2 |
| n77 | 0.5 |
| DC\_12-30-66\_n2 | 12 | 0.5 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n2 | 0.4 |
| DC\_12-30-66\_n66 | 12 | 0.5 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n66 | 0.4 |
| DC\_12-48\_(n)5 | 5 | 0.5 |
|  | 12 | 0.3 |
|  | n5 | 0.5 |
| DC\_12-48-66\_n5 | 2 | 0.5 |
|  | 48 | 0.5 |
|  | 66 | 0.5 |
| DC\_12-66\_(n)5 | 12 | 0.5 |
|  | 66 | 0.5 |
| DC\_13-48-66\_n77 | 48 | 0.5 |
|  | 66 | 0.2 |
|  | n77 | 0.5 |
| DC\_13-66\_n2-n77 | 66 | 0.2 |
|  | n2 | 0.2 |
|  | n77 | 0.5 |
| DC\_13-66\_n5-n48 | 13 | 0.3 |
|  | 66 | 0.2 |
|  | n5 | 0.5 |
|  | n48 | 0.5 |
| DC\_13-66\_n66-n77 | 66 | 0.2 |
|  | n66 | 0.2 |
|  | n77 | 0.5 |
| DC\_14-30-66-n2 | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n2 | 0.4 |
| DC\_14-30-66\_n66 | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n66 | 0.4 |
| DC\_18-41\_n3-n77 | 18 | 0.2 |
|  | 41 | 03/0.54 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_18-41\_n3-n78 | 18 | 0.2 |
|  | 41 | 03/0.54 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_19\_n1-n77-n79 | 19 | 0.3 |
| n1 | 0.3 |
| n77 | 0.5 |
| DC\_19\_n1-n78-n79 | 19 | 0.3 |
| n1 | 0.3 |
| n78 | 0.5 |
| DC\_19-21\_n1-n77 | n77 | 0.5 |
| DC\_19-21\_n1-n78 | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_19-21-42\_n1 | 42 | 0.5 |
| DC\_19-21-42\_n77 | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_19-21-42\_n78 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_19-21-42\_n79 | 42 | 0.5 |
| DC\_19-21\_n77-n79 | n77 | 0.5 |
| DC\_19-21\_n78-n79 | n78 | 0.5 |
| DC\_19-42\_n1-n77 | 42 | 0.5 |
|  | n1 | 0.2 |
|  | n77 | 0.5 |
| DC\_19-42\_n1-n78 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_19-42\_n1-n79 | 42 | 0.5 |
| DC\_19-42\_n77-n79 | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_19-42\_n78-n79 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_21\_n1-n77-n79 | n1 | 0.2 |
| n77 | 0.5 |
| DC\_21\_n1-n78-n79 | n1 | 0.2 |
| n78 | 0.5 |
| DC\_21-28-42\_n77 | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_21-28-42\_n78 | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_21-28-42\_n79 | 28 | 0.2 |
|  | 42 | 0.5 |
| DC\_21\_n28-n77-n79 | n28 | 0.2 |
| n77 | 0.5 |
| DC\_21\_n28-n78-n79 | n28 | 0.2 |
| n78 | 0.5 |
| DC\_21-42\_n1-n77 | 42 | 0.5 |
|  | n1 | 0.2 |
|  | n77 | 0.5 |
| DC\_21-42\_n1-n78 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_21-42\_n1-n79 | 42 | 0.5 |
| DC\_21-42\_n77-n79 | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_21-42\_n78-n79 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_28-41-42\_n78 | 28 | 0.2 |
|  | 41 | 0.4 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_29-30-66\_n2  DC\_29-30-66-66\_n2 | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n2 | 0.4 |
| DC\_29-30-66\_n66 | 30 | 0.5 |
|  | 66 | 0.3 |
|  | n66 | 0.3 |
| DC\_42\_n1-n77-n79 | 42 | 0.5 |
| n1 | 0.2 |
| n77 | 0.5 |
| DC\_42\_n1-n78-n79 | 42 | 0.5 |
| n1 | 0.2 |
| n78 | 0.5 |
| DC\_42\_n3-n28-n77 | 42 | 0.5 |
| n3 | 0.2 |
| n28 | 0.5 |
| n77 | 0.5 |
| DC\_46-66\_n25-n41 | 66 | 0.3 |
|  | n25 | 0.3 |
|  | n41 | 0.51 |
|  |  | 12 |
| DC\_46-66\_n41-n71 | 66 | 0.3 |
|  | n41 | 0.51 |
|  |  | 12 |
|  | n71 | 0.2 |
| DC\_48-66\_n25-n48 | 48 | 0.4 |
|  | 66 | 0.3 |
|  | n25 | 0.3 |
|  | n48 | 0.4 |
| 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 E-UTRA band and without simultaneous Rx/Tx.  NOTE 6: Void.  NOTE 7: Void.  NOTE 8: Only applicable for UE supporting inter-band carrier aggregation with uplink in one NR band and without simultaneous Rx/Tx. | | |

##### 7.3B.3.3.4 ΔRIB,c for EN-DC five bands

Table 7.3B.3.3.4-1: ΔRIB,c due to EN-DC (five bands)

| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔRIB,c (dB) |
| --- | --- | --- |
| DC\_1-3-5-7\_n78,  DC\_1-3-5-7-7\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 5 | 0.2 |
|  | 7 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-5-41\_n79 | 41 | 03/0.54 |
| DC\_1-3-7\_n3-n78 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 7 | 0.3 |
|  | n3 | 0.3 |
|  | n78 | 0.5 |
| DC\_1-3-7\_n7-n78 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 7 | 0.3 |
|  | n7 | 0.3 |
|  | n78 | 0.5 |
| DC\_1-3-7-8\_n28 | 8 | 0.2 |
|  | n28 | 0.2 |
| DC\_1-3-7-8\_n78 | 1 | 0.2 |
| DC\_1-3-7\_n8-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 8 or n8 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-7-20\_n28 | 20 | 0.2 |
|  | n28 | 0.2 |
| DC\_1-3-7-20\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 7 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-7-28\_n3 | 28 | 0.2 |
| DC\_1-3-7-28\_n5 | 28 | 0.2 |
|  | n5 | 0.2 |
| DC\_1-3-7-28\_n7 | 28 | 0.2 |
| DC\_1-3-7-28\_n40 | 7 | 0.3 |
|  | 28 | 0.2 |
|  | n40 | 0.8 |
| DC\_1-3-7-28\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-7\_n28-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 7 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-7-38\_n28 | 38 | 0.2 |
|  | n28 | 0.2 |
| DC\_1-3-7-40\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_1-3-7\_n40-n78 | 7 | 0.3 |
|  | n40 | 0.8 |
|  | n78 | 0.5 |
| DC\_1-3-8-11\_n28 | 3 | 0.3 |
|  | 8 | 0.2 |
|  | 11 | 0.5 |
|  | n28 | 0.2 |
| DC\_1-3-8-11\_n77 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 8 | 0.2 |
|  | 11 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-8\_n28-n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-8\_n28-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-8-40\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 8 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_1-3-8-42\_n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 8 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-11\_n28-n77 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 11 | 0.5 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-18\_n3-n41 | 3 | 0.5 |
|  | n3 | 0.5 |
|  | n41 | 03/0.54 |
| DC\_1-3-18\_n3-n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-18\_n3-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-18\_n28-n41 | 3 | 0.5 |
|  | n28 | 0.2 |
|  | n41 | 03/0.54 |
| DC\_1-3-18\_n28-n77 | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-18\_n28-n78 | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-18\_n41-n77 | 3 | 0.5 |
|  | n41 | 03/0.54 |
|  | n77 | 0.5 |
| DC\_1-3-18\_n41-n78 | 3 | 0.5 |
|  | n41 | 03/0.54 |
|  | n78 | 0.5 |
| DC\_1-3-18-42\_n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-18-42\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-3-18-42\_n79 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
| DC\_1-3-19-21\_n77 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-19-21\_n78 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-3-19-21\_n79 | 3 | 0.3 |
|  | 21 | 0.5 |
| DC\_1-3-19-42\_n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-19-42\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-3-19-42\_n79 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
| DC\_1-3-20\_n7-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-20\_n8-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 20 | 0.2 |
|  | n8 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-20\_n28-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 20 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-20-38\_n78  DC\_1-3-20\_n38-n78 | 3 | 0.2 |
|  | 20 | 0.2 |
|  | 38 or n38 | 0.4 |
|  | n78 | 0.5 |
| DC\_1-3-20-40\_n78 | 40 | 05 |
|  | n78 | 0.55 |
| DC\_1-3-20\_n41-n78 | n78 | 0.5 |
| DC\_1-3-21-42\_n77 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
|  | n77 | 0.2 |
| DC\_1-3-21-42\_n78 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
|  | n78 | 0.2 |
| DC\_1-3-21-42\_n79 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
| DC\_1-3-21\_n77-n79 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-21\_n78-n79 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-3-28\_n3-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 28 | 0.2 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-28\_n7-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 28 | 0.2 |
|  | n7 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-28-40\_n78 | 28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-28\_n40-n78 | 3 | 0.2 |
|  | 28 | 0.2 |
|  | n40 | 0.45 |
|  | n78 | 0.55 |
| DC\_1-3-28-42\_n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-28-42\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-3-28-42\_n79 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 28 | 0.2 |
|  | 42 | 0.5 |
| DC\_1-3\_n28-n77-n79 | 1 | 0.2 |
| 3 | 0.2 |
| n28 | 0.2 |
| n77 | 0.5 |
| DC\_1-3\_n28-n78-n79 | 1 | 0.2 |
| 3 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-41\_n3-n41 | 41 | 03/0.54 |
|  | n41 | 03/0.54 |
| DC\_1-3-41\_n3-n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-41\_n3-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-41\_n28-n41 | 41 | 03/0.54 |
|  | n28 | 0.2 |
|  | n41 | 03/0.54 |
| DC\_1-3-41\_n28-n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 41 | 03/0.54 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-41\_n28-n78 | 3 | 0.2 |
|  | 41 | 03/0.54 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-41\_n41-n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-41\_n41-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-41-42\_n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-41-42\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-3-41-42\_n79 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
| DC\_1-3-42\_n28-n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n28 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-7-8-20\_n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | 8 | 0.2 |
|  | 20 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-8\_n28-n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-8-40\_n78 | 1 | 0.2 |
|  | 8 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_1-7-20\_n3-n78 | n78 | 0.5 |
| DC\_1-7-20\_n8-n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | 20 | 0.2 |
|  | n8 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-20\_n28-n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | 20 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-20-32\_n28 | 20 | 0.2 |
|  | n28 | 0.2 |
| DC\_1-7-20-32\_n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | 20 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-28\_n3-n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | 28 | 0.2 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-28\_n7-n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | 28 | 0.2 |
|  | n7 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-28\_n40-n78 | 1 | 0.2 |
|  | 28 | 0.2 |
|  | n40 | 0.4 |
|  | n78 | 0.5 |
| DC\_1-8\_n3-n28-n77 | 1 | 0.2 |
|  | 8 | 0.2 |
|  | n3 | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-8-11\_n3-n28 | 8 | 0.2 |
|  | 11 | 0.3 |
|  | n3 | 0.5 |
|  | n28 | 0.2 |
| DC\_1-8-11\_n3-n77 | 1 | 0.2 |
|  | 8 | 0.2 |
|  | 11 | 0.3 |
|  | n3 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-8-11\_n28-n77 | 1 | 0.2 |
|  | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-8-42\_n28-n77 | 1 | 0.2 |
|  | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n28 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-11\_n3-n28-n77 | 1 | 0.2 |
| 11 | 0.3 |
| n3 | 0.5 |
| n28 | 0.2 |
| n77 | 0.3 |
| DC\_1-18-41\_n3-n77 | 1 | 0.2 |
|  | 41 | 03/0.54 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-18-41\_n3-n78 | 1 | 0.2 |
|  | 41 | 03/0.54 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-8-42\_n3-n28 | 8 | 0.2 |
|  | 42 | 0.5 |
|  | n3 | 0.2 |
|  | n28 | 0.5 |
| DC\_1-8-42\_n3-n77 | 1 | 0.2 |
|  | 8 | 0.2 |
|  | 42 | 0.5 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-19-21-42\_n77 | 1 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-19-21-42\_n78 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-19-21-42\_n79 | 42 | 0.5 |
| DC\_1-19-42\_n77-n79 | 1 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-19-42\_n78-n79 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-20-38\_n3-n78 | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-21-28-42\_n77 | 1 | 0.2 |
|  | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-21-28-42\_n78 | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-21-28-42\_n79 | 28 | 0.2 |
|  | 42 | 0.5 |
| DC\_1-21\_n28-n77-n79 | 1 | 0.3 |
| n28 | 0.3 |
| n77 | 0.5 |
| DC\_1-21\_n28-n78-n79 | 1 | 0.3 |
| n28 | 0.3 |
| n78 | 0.5 |
| DC\_1-21-42\_n77-n79 | 1 | 0.2 |
|  | 21 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-21-42\_n78-n79 | 21 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-42\_n3-n28-n77 | 1 | 0.2 |
| 42 | 0.5 |
| n3 | 0.2 |
| n28 | 0.5 |
| n77 | 0.5 |
| DC\_2-5-7-66\_n2 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n2 | 0.3 |
| DC\_2-5-7-66\_n7  DC\_2-5-7-66-66­\_n7 | 2 | 0.3 |
|  | 5 | 0.2 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_2-5-7-66\_n66 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-5-30-66\_n2 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n2 | 0.4 |
| DC\_2-5-30-66\_n66 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n66 | 0.4 |
| DC\_2-7-12-66\_n2 | 2 | 0.3 |
|  | 7 | 0.3 |
|  | 12 | 0.5 |
|  | 66 | 0.5 |
|  | n2 | 0.3 |
| DC\_2-7-12-66\_n78 | 2 | 0.2 |
|  | 7 | 0.2 |
|  | 66 | 0.2 |
|  | n78 | 0.5 |
| DC\_2-7-13\_n25-n66 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | n25 | 0.3 |
|  | n66 | 0.5 |
| DC\_2-7-13-66\_n66 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7-28-66\_n7 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 28 | 0.2 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_2-7-28-66\_n66 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 28 | 0.2 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7-66\_n25-n66 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n25 | 0.3 |
|  | n66 | 0.5 |
| DC\_2-7-66\_n66-n78  DC\_2-7-7-66\_n66-n78 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
|  | n78 | 0.5 |
| DC\_2-7-66-71\_n2 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n2 | 0.3 |
| DC\_2-7-66-71\_n78 | 2 | 0.2 |
|  | 7 | 0.2 |
|  | 66 | 0.2 |
|  | n78 | 0.5 |
| DC\_2-12-30-66\_n2 | 2 | 0.4 |
|  | 12 | 0.5 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n2 | 0.4 |
| DC\_2-12-30-66\_n66 | 2 | 0.4 |
|  | 12 | 0.5 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n66 | 0.4 |
| DC\_2-14-30-66\_n2 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n2 | 0.4 |
| DC\_2-14-30-66\_n66 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n66 | 0.4 |
| DC\_2-29-30-66\_n2 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n2 | 0.4 |
| DC\_2-29-30-66\_n66 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n66 | 0.4 |
| DC\_2-46-66\_n41-n71 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n41 | 0.51/12 |
|  | n71 | 0.5 |
| DC\_3-7-8\_n1-n78  DC\_3-3-7-8\_n1-n78,  DC\_3-7-7-8\_n1-n78,  DC\_3-3-7-7-8\_n1-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 8 | 0.2 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-8\_n28-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-8-40\_n78 | 3 | 0.2 |
|  | 8 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_3-7-20\_n1-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 20 | 0.2 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-20\_n8-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 20 | 0.2 |
|  | n8 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-20-28\_n1 | 20 | 0.2 |
|  | 28 | 0.2 |
| DC\_3-7-20\_n28-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 20 | 0.2 |
|  | n28 | 0.2 |
| DC\_3-7-28\_n1-n40 | 7 | 0.3 |
|  | 28 | 0.2 |
|  | n40 | 0.8 |
| DC\_3-7-28\_n1-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 28 | 0.2 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-28\_n3-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 28 | 0.2 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-28\_n7-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 28 | 0.2 |
|  | n7 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-28\_n40-n78 | 3 | 0.2 |
|  | 28 | 0.2 |
|  | n40 | 0.4 |
|  | n78 | 0.5 |
| DC\_3-7-40\_n1-n78 | n1 | 0.2 |
|  | 3 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_3-8-11\_n28-n77 | 3 | 0.3 |
|  | 8 | 0.2 |
|  | 11 | 0.5 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-8-40\_n1-n78 | n1 | 0.2 |
|  | 3 | 0.2 |
|  | 8 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_3-19-21-42\_n77 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_3-19-21-42\_n78 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_3-19-21-42\_n79 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
| DC\_3-19-42\_n1-n77 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-19-42\_n1-n78 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-19-42\_n1-n79 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
| DC\_3-21\_n1-n77-n79 | 3 | 0.3 |
| 21 | 0.5 |
| n1 | 0.2 |
| n77 | 0.5 |
| DC\_3-21\_n1-n78-n79 | 3 | 0.3 |
| 21 | 0.5 |
| n1 | 0.2 |
| n78 | 0.5 |
| DC\_3-21\_n28-n77-n79 | 3 | 0.3 |
| 21 | 0.5 |
| n28 | 0.2 |
| n77 | 0.5 |
| DC\_3-21\_n28-n78-n79 | 3 | 0.3 |
| 21 | 0.5 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_3-21-42\_n1-n77 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
|  | n77 | 0.2 |
| DC\_3-21-42\_n1-n78 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
|  | n78 | 0.2 |
| DC\_3-21-42\_n1-n79 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
| DC\_3-28-41-42\_n78 | 3 | 0.5 |
|  | 28 | 0.2 |
|  | 41 | 0.43/0.54 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_7-8-40\_n1-n78 | n1 | 0.2 |
|  | 8 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_8-11\_n3-n28-n77 | 8 | 0.2 |
| 11 | 0.3 |
| n3 | 0.5 |
| n28 | 0.2 |
| n77 | 0.5 |
| DC\_8-42\_n3-n28-n77 | 8 | 0.2 |
| 42 | 0.5 |
| n3 | 0.2 |
| n28 | 0.5 |
| n77 | 0.5 |
| DC\_19-21-42\_n1-n77 | 42 | 0.5 |
|  | n1 | 0.2 |
|  | n77 | 0.5 |
| DC\_19-21-42\_n1-n78 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_19-21-42\_n1-n79 | 42 | 0.5 |
| DC\_19-21-42\_n77-n79 | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_19-21-42\_n78-n79 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_19-42\_n1-n77-n79 | 19 | 0.3 |
| 42 | 0.5 |
| n1 | 0.3 |
| n77 | 0.5 |
| DC\_19-42\_n1-n78-n79 | 19 | 0.3 |
| 42 | 0.5 |
| n1 | 0.3 |
| 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 E-UTRA band and without simultaneous Rx/Tx. | | |

##### 7.3B.3.3.5 ΔRIB,c for EN-DC six bands

Table 7.3B.3.3.5-1: ΔRIB,c due to EN-DC (six bands)

|  |  |  |
| --- | --- | --- |
| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔRIB,c (dB) |
| DC\_1-3-7-8\_n28-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-7-8-40\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 8 | 0.2 |
|  | 40 | 0.41 |
|  | n78 | 0.51 |
| DC\_1-3-7-20\_n8-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 20 | 0.2 |
|  | n8 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-7-20\_n28-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 20 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-7-28\_n3-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 28 | 0.2 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-7-28\_n7-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 28 | 0.2 |
|  | n7 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-7-28\_n40-n78 | 7 | 0.3 |
|  | 28 | 0.2 |
|  | n40 | 0.8 |
|  | n78 | 0.5 |
| DC\_1-3-8-11\_n28-n77 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 8 | 0.2 |
|  | 11 | 0.5 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-8-11\_n3-n28-n77 | 1 | 0.2 |
| 8 | 0.2 |
| 11 | 0.3 |
| n3 | 0.5 |
| n28 | 0.2 |
| n77 | 0.5 |
| DC\_1-8-42\_n3-n28-n77 | 1 | 0.2 |
| 8 | 0.2 |
| 42 | 0.5 |
| n3 | 0.2 |
| n28 | 0.5 |
| n77 | 0.5 |
| DC\_3-7-8-40\_n1-n78 | n1 | 0.2 |
|  | 3 | 0.2 |
|  | 8 | 0.2 |
|  | 40 | 0.42 |
|  | n78 | 0.52 |
| NOTE 1: Only applicable for UE supporting inter-band carrier aggregation with uplink in one NR band and without simultaneous Rx/Tx.  NOTE 2: Only applicable for UE supporting inter-band carrier aggregation with uplink in one E-UTRA band and without simultaneous Rx/Tx. | | |

## **<<End of Change>>**