**3GPP TSG-RAN WG4 Meeting #109 R4-2321932**

**Chicago, USA, 13th November – 17th November 2023**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-3** | **CR** | **1085** | **rev** | **1** | **Current version:** | **18.3.0** |  |
|  | | | | | | | | |
| *For* ***[HELP](http://www.3gpp.org/3G_Specs/CRs.htm)*** *on using this form: comprehensive instructions can be found at  <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:*** | TS 38.101-3 big CR for DC\_R18\_xBLTE\_yBNR\_zDL2UL | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | ZTE Corporation | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | DC\_R18\_xBLTE\_yBNR\_zDL2UL-Core | | | | |  | | ***Date:*** | | 2023-11-20 |
|  |  | | | |  | | |  | |  |
| ***Category:*** | **B** |  | | | | | | ***Release:*** | | Rel-18 |
|  | *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-16 (Release 16) Rel-17 (Release 17)* *Rel-18 (Release 18)*  *Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | This big CR is to reflect the completed x bands (x=1,2,3) LTE inter-band CA (xDL/1UL) and y bands NR inter-band CA (yDL/1UL) ENDC are introduced into TS 38.101-3 from RAN4 #108bis meeting and RAN4 #109 meeting. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | The inter-band CA band combinations for x bands (x=1,2,3) LTE inter-band CA (xDL/1UL) and y bands NR inter-band CA (yDL/1UL) ENDC completed in the following contributions are added from RAN4 #108bis meeting.  The endorsed draft CRs in RAN4 #108bis meeting are listed:   1. R4-2317660 DraftCR for 38.101-3 to include ENDC band combinations with DC\_3C\_n75A-n78A and DC\_7A\_n75A-n78A 2. R4-2317664 draft CR to TS38.101-3: band combinations for DC\_R18\_xBLTE\_yBNR\_zDL2UL without FR2 3. R4-2317668 Draft CR 38.101-3 to add new 1 band LTE 3 band NR DC combinations of n105 4. R4-2316343 draft CR to TS38.101-3\_DC\_8A\_n40A-n79A-n258A and DC\_8A\_n41A-n79A-n258A 5. R4-2317663 draft CR to TS38.101-3: band combinations for DC\_R18\_xBLTE\_yBNR\_zDL2UL with FR2   The endorsed draft CRs in RAN4 #109 meeting are listed:   1. R4-2319612 Draft CR on TS 38.101-3 for delta TIB special values for xBLTE\_yBNR\_zDL2UL bands EN-DC configurations 2. R4-2320104 draft CR to TS38.101-3[R18]\_DC\_3A\_n40A-n79A-n258A and DC\_3A\_n40A-n79A-n258A 3. R4-2320601 draft CR for DC\_3A-3A-7A-7A\_n8A-n78A-n257K 4. R4-2321934, Draft CR 38.101-3 to add EN-DC combinations of 1 3 7 n40 n78 n105 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Configurations are not supported. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5B.4, 6.2B.4, 7.3B.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | |  | | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | TS/TR ... CR ... | | | |
| ***affected:*** | | **X** |  | Test specifications | | | TS38.521-3 | | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | TS/TR ... CR ... | | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |

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| ***This CR's revision history:*** | Revised to from R4-2320111 |

## << Start of change >>

#### 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-n77A2 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_3A\_n3A4  DC\_3A\_n77A |
| DC\_1A-3A\_n3A-n78A2 | DC\_1A\_n3A  DC\_1A\_n78A  DC\_3A\_n3A4  DC\_3A\_n78A |
| DC\_1A-3A-5A\_n40A | DC\_1A\_n40A  DC\_3A\_n40A  DC\_5A\_n40A |
| DC\_1A-3A\_n5A-n40A | DC\_1A\_n5A  DC\_1A\_n40A  DC\_3A\_n5A  DC\_3A\_n40A |
| DC\_1A-3A-5A\_n77A  DC\_1A-3A-5A\_n77(3A)  DC\_1A-3A-5A\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_5A\_n77A |
| 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-5A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A |
| DC\_1A-3A-5A\_n78(A-C) | 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\_n78A |
| DC\_1A-3A-5A\_n79A2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_5A\_n79A |
| DC\_1A-3A-7A\_n1A | DC\_1A\_n1A  DC\_3A\_n1A  DC\_7A\_n1A |
| 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\_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-1A-3A-3A-7A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4 |
| DC\_1A-3A-(n)7AA  DC\_1A-3C-(n)7AA | DC\_1A\_n7A DC\_3A\_n7A |
| DC\_1A-3A-7A\_n8A | DC\_1A\_n8A  DC\_3A\_n8A  DC\_7A\_n8A |
| DC\_1A-3A-7A\_n26A  DC\_1A-3A-7C\_n26A  DC\_1A-3C-7A\_n26A  DC\_1A-3C-7C\_n26A | DC\_1A\_n26A  DC\_3A\_n26A  DC\_3C\_n26A  DC\_7A\_n26A  DC\_7C\_n26A |
| DC\_1A-3A-7A\_n28A  DC\_1A-3A-7C\_n28A  DC\_1A-3C-7A\_n28A  DC\_1A-3C-7C\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_3C\_n28A  DC\_7A\_n28A  DC\_7C\_n28A |
| DC\_1A-1A-3A-7A\_n28A  DC\_1A-1A-3C-7A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_3C\_n28A  DC\_7A\_n28A |
| DC\_1A-3A-7A\_n38A12,13 | CA\_1A-3A |
| DC\_1A-3A-7A\_n40A | DC\_1A\_n40A  DC\_3A\_n40A  DC\_7A\_n40A |
| DC\_1A-3A-7A-7A\_n40A | DC\_1A\_n40A  DC\_3A\_n40A  DC\_7A\_n40A |
| DC\_1A-3A-7A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_7A\_n77A |
| DC\_1A-3A-7A\_n77(2A)  DC\_1A-3A-7A\_n77(3A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_7A\_n77A |
| DC\_1A-3A-7A-7A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_7A\_n77A |
| DC\_1A-3A-7A-7A\_n77(2A)  DC\_1A-3A-7A-7A\_n77(3A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_7A\_n77A |
| 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-3A-7A\_n78A2  DC\_1A-3A-3A-7A-7A\_n78A2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_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\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-3A-7A\_n78(A-C) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_1A-1A-3A-7A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_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\_3C\_n7A  DC\_3C\_n78A |
| DC\_1A-3C\_n7A-n78A  DC\_1A-3C\_n7B-n78A | DC\_1A\_n7A  DC\_1A\_n78A  DC\_3A\_n7A  DC\_3A\_n78A  DC\_3C\_n7A  DC\_3C\_n78A |
| 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-7A-7A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-7A-7A\_n78(A-C) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-7A\_n105A | DC\_1A\_n105A  DC\_3A\_n105A  DC\_7A\_n105A |
| 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-n8A-n77A | DC\_1A\_n3A DC\_1A\_n8A DC\_1A\_n77A |
| DC\_1A\_n3A-n8A-n77(2A) | DC\_1A\_n3A DC\_1A\_n8A DC\_1A\_n77A |
| DC\_1A-3A-8A\_n77(3A)2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_8A\_n77A |
| DC\_1A-3A\_n8A-n77A  DC\_1A-3A\_n8A-n77(2A) | DC\_1A\_n8A  DC\_1A\_n77A  DC\_3A\_n8A  DC\_3A\_n77A |
| DC\_1A-3A-8A\_n78A2  DC\_1A-3C-8A\_n78A2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A |
| DC\_1A-3A-8A\_n78(2A)2  DC\_1A-3C-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\_n77A2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_11A\_n77A |
| DC\_1A-3A-11A\_n77(2A) 2  DC\_1A-3A-11A\_n77(3A)2 | 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\_n77A2,9  DC\_1A-3A-19A\_n77C2 | DC\_1A\_n77A9  DC\_3A\_n77A9  DC\_19A\_n77A9 |
| DC\_1A-3A-19A\_n77(2A)2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_1A-3A-19A\_n78A2, 9  DC\_1A-3A-19A\_n78C2 | DC\_1A\_n78A9  DC\_3A\_n78A9  DC\_19A\_n78A9 |
| DC\_1A-3A-19A\_n78(2A)2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A |
| DC\_1A-3A-19A\_n79A2,9  DC\_1A-3A-19A\_n79C2 | DC\_1A\_n79A9  DC\_3A\_n79A9  DC\_19A\_n79A9 |
| DC\_1A-3A-20A\_n1A | DC\_1A\_n1A  DC\_3A\_n1A  DC\_20A\_n1A |
| DC\_1A-3A-20A\_n3A | DC\_1A\_n3A  DC\_3A\_n3A  DC\_20A\_n3A |
| 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\_n28A3,8,14  DC\_1A-3C-20A\_n28A3,8,14 | DC\_1A\_n28A  DC\_3A\_n28A  DC\_3C\_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-3A-20A\_n78C2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-1A-3A-20A\_n78A2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-3A-20A\_n78A2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-20A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-21A\_n77A2,9  DC\_1A-3A-21A\_n77C2 | DC\_1A\_n77A9  DC\_3A\_n77A9  DC\_21A\_n77A9 |
| DC\_1A-3A-21A\_n77(2A)2,9 | DC\_1A\_n77A9  DC\_3A\_n77A9  DC\_21A\_n77A9 |
| DC\_1A-3A-21A\_n78A2,9  DC\_1A-3A-21A\_n78C2 | DC\_1A\_n78A9  DC\_3A\_n78A9  DC\_21A\_n78A9 |
| DC\_1A-3A-21A\_n78(2A)2,9 | DC\_1A\_n78A9  DC\_3A\_n78A9  DC\_21A\_n78A9 |
| DC\_1A-3A-21A\_n79A2,9  DC\_1A-3A-21A\_n79C2 | DC\_1A\_n79A9  DC\_3A\_n79A9  DC\_21A\_n79A9 |
| DC\_1A-3A-26A\_n78A  DC\_1A-3C-26A\_n78A | DC\_1A\_n78A DC\_3A\_n78A DC\_26A\_n78A |
| DC\_1A-3A-26A\_n78(2A) | DC\_1A\_n78A DC\_3A\_n78A DC\_26A\_n78A |
| DC\_1A-3C-26A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_26A\_n78A |
| DC\_1A-3A\_n26A-n78A | DC\_1A\_n26A  DC\_1A\_n78A  DC\_3A\_n26A  DC\_3A\_n78A |
| DC\_1A-3C\_n26A-n78A | DC\_1A\_n26A  DC\_1A\_n78A  DC\_3A\_n26A  DC\_3C\_n26A  DC\_3A\_n78A  DC\_3C\_n78A |
| 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\_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-3A-3A-28A\_n7B | DC\_1A\_n7A  DC\_3A\_n7A  DC\_28A\_n7A |
| DC\_1A-1A-3A-28A\_n7A  DC\_1A-1A-3C-28A\_n7A  DC\_1A-1A-3A-28A\_n7B  DC\_1A-1A-3C-28A\_n7B | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A |
| DC\_1A-1A-3A-3A-28A\_n7A  DC\_1A-1A-3A-3A-28A\_n7B | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A |
| DC\_1A-3A-28A\_n38A | DC\_1A\_n38A  DC\_3A\_n38A  DC\_28A\_n38A |
| DC\_1A-3A\_n28A-n38A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_1A\_n38A  DC\_3A\_n38A |
| DC\_1A-3A-28A\_n40A | DC\_1A\_n40A  DC\_3A\_n40A  DC\_28A\_n40A |
| DC\_1A-3A\_n28A-n41A2 | DC\_1A\_n28A  DC\_1A\_n41A  DC\_3A\_n28A  DC\_3A\_n41A |
| DC\_1A-3A\_n28A-n75A | DC\_1A\_n28A  DC\_3A\_n28A |
| DC\_1A-3C\_n28A-n75A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_3C\_n28A |
| 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\_n3A-n28A-n77A2 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A |
| DC\_1A\_n3A-n28A-n77(2A) 2 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_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-3A-28A\_n78(2A) 2  DC\_1A-3C-28A\_n78(2A)2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-3A-28A\_n78A2 | 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-n79A2 | DC\_1A\_n28A  DC\_1A\_n79A  DC\_3A\_n28A  DC\_3A\_n79A |
| DC\_1A\_n3A-n28A-n79A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n79A |
| DC\_1A-3A\_n28A-n78A2  DC\_1A-3C\_n28A-n78A2 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3C\_n28A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_1A-3A\_n28A-n78(2A)2 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_1A-3A-32A\_n28A  DC\_1A-3C-32A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_3C\_n28A |
| DC\_1A-3A-32A\_n78A  DC\_1A-3A-32A\_n78C | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3A-32A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3C-32A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_1A-3A-38A\_n28A  DC\_1A-3C-38A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_3C\_n28A  DC\_38A\_n28A |
| DC\_1A-3A-38A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3A-38A\_n78(2A)  DC\_1A-3C-38A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3A\_n38A-n78A | DC\_1A\_n38A  DC\_1A\_n78A  DC\_3A\_n38A  DC\_3A\_n78A |
| DC\_1A-3C-38A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_38A\_n78A |
| DC\_1A-3A\_n40A-n77A | DC\_1A\_n40A  DC\_1A\_n77A  DC\_3A\_n40A  DC\_3A\_n77A |
| DC\_1A-3A\_n40A-n77(2A) | DC\_1A\_n40A  DC\_1A\_n77A  DC\_3A\_n40A  DC\_3A\_n77A |
| DC\_1A-3A\_n40A-n78A  DC\_1A-3A\_n40A-n78C | DC\_1A\_n40A  DC\_1A\_n78A  DC\_3A\_n40A  DC\_3A\_n78A |
| DC\_1A-3A-40A\_n78A  DC\_1A-3A-40C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-40A\_n78(2A)  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\_n28A2  DC\_1A-3A-41C\_n28A2 | 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\_n41A-n77(2A) | 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\_n41A-n78(2A) | 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\_n28A2  DC\_1A-3A-42C\_n28A2 | DC\_1A\_n28A  DC\_3A\_n28A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-3A-42A\_n77A7,8,9  DC\_1A-3A-42A\_n77C7,8  DC\_1A-3A-42C\_n77A7,8,9  DC\_1A-3A-42C\_n77C7,8  DC\_1A-3A-42D\_n77A7,8,9 | DC\_1A\_n77A9  DC\_3A\_n77A9 |
| DC\_1A-3A-42A\_n77(2A) 7,8  DC\_1A-3A-42C\_n77(2A) 7,8 | DC\_1A\_n77A  DC\_3A\_n77A |
| DC\_1A-3A-42A\_n78A7,8,9  DC\_1A-3A-42A\_n78C7,8  DC\_1A-3A-42C\_n78A7,8,9  DC\_1A-3A-42C\_n78C7,8  DC\_1A-3A-42D\_n78A7,8,9 | DC\_1A\_n78A9  DC\_3A\_n78A9 |
| DC\_1A-3A-42A\_n79A9  DC\_1A-3A-42A\_n79C  DC\_1A-3A-42C\_n79A9  DC\_1A-3A-42C\_n79C  DC\_1A-3A-42D\_n79A9 | DC\_1A\_n79A9  DC\_3A\_n79A9 |
| DC\_1A-3A\_n75A-n78A | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3A\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A  DC\_3A\_n77A  DC\_3A\_n79A |
| DC\_1A-(n)3AA-n77A  DC\_1A-(n)3AA-n77(2A) | DC\_1A\_n3A  DC\_1A\_n77A  DC\_3A\_n77A |
| DC\_1A\_n3A-n77A-n79A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A\_n3A-n77(2A)-n79A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A-3A\_n78A-n79A | DC\_1A\_n78A  DC\_1A\_n79A  DC\_3A\_n78A  DC\_3A\_n79A |
| DC\_1A-3A\_n78A-n105A | DC\_1A\_n78A  DC\_1A\_n105A  DC\_3A\_n78A  DC\_3A\_n105A |
| 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\_n40A | DC\_1A\_n40A  DC\_5A\_n40A  DC\_7A\_n40A |
| DC\_1A-5A-7A-7A\_n40A | DC\_1A\_n40A  DC\_5A\_n40A  DC\_7A\_n40A |
| DC\_1A-5A-7A\_n77A | DC\_1A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_1A-5A-7A\_n77(2A)  DC\_1A-5A-7A\_n77(3A) | DC\_1A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_1A-5A-7A-7A\_n77A | DC\_1A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_1A-5A-7A-7A\_n77(2A)  DC\_1A-5A-7A-7A\_n77(3A) | DC\_1A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_1A-5A-7A\_n78A  DC\_1A-5A-7A\_n78C  DC\_1A-1A-5A-7A\_n78A | DC\_1A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-5A-7A\_n78(2A) | DC\_1A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-5A-7A\_n78(A-C) | 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-7A-7A\_n78(2A) | DC\_1A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-5A-7A-7A\_n78(A-C) | DC\_1A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-5A\_n40A-n77A | DC\_1A\_n40A  DC\_1A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A |
| DC\_1A-5A\_n40A-n77(2A) | DC\_1A\_n40A  DC\_1A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A |
| DC\_1A-5A\_n40A-n78A  DC\_1A-5A\_n40A-n78C | DC\_1A\_n40A  DC\_1A\_n78A  DC\_5A\_n40A  DC\_5A\_n78A |
| DC\_1A-5A-41A\_n79A | DC\_1A\_n79A  DC\_5A\_n79A  DC\_41A\_n79A |
| DC\_1A-7A\_n3A-n38A | DC\_1A\_n3A |
| 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\_n3A-n78(2A)  DC\_1A-7C\_n3A-n78(2A) | DC\_1A\_n3A  DC\_1A\_n78A  DC\_7A\_n3A  DC\_7C\_n3A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-7A\_n5A-n40A | DC\_1A\_n5A  DC\_1A\_n40A  DC\_7A\_n5A  DC\_7A\_n40A |
| 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\_n38A-n78A | DC\_1A\_n78A |
| DC\_1A-7A-8A\_n3A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_8A\_n3A |
| DC\_1A-7A-8A\_n7A | DC\_1A\_n7A  DC\_7A\_n7A  DC\_8A\_n7A |
| DC\_1A-7A-8A\_n20A | DC\_1A\_n20A  DC\_7A\_n20A  DC\_8A\_n20A |
| 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-7A-8A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_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\_n28A3,8,14 | DC\_1A\_n28A  DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_1A-7A-20A\_n38A12,13 | CA\_1A-20A |
| DC\_1A-7A-20A\_n78A2  DC\_1A-7A-20A\_n78C2 | DC\_1A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-1A-7A-20A\_n78A2 | DC\_1A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-7A-7A-20A\_n78A2 | DC\_1A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-7A-20A\_n78(2A) | DC\_1A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-7A-26A\_n78A DC\_1A-7C-26A\_n78A | DC\_1A\_n78A DC\_7A\_n78A DC\_26A\_n78A |
| DC\_1A-7A-26A\_n78(2A)  DC\_1A-7C-26A\_n78(2A) | DC\_1A\_n78A  DC\_7A\_n78A  DC\_26A\_n78A |
| DC\_1A-7A\_n26A-n78A | DC\_1A\_n26A  DC\_1A\_n78A  DC\_7A\_n26A  DC\_7A\_n78A |
| DC\_1A-7C\_n26A-n78A | DC\_1A\_n26A  DC\_1A\_n78A  DC\_7A\_n26A  DC\_7C\_n26A  DC\_7A\_n78A  DC\_7C\_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\_n20A | DC\_1A\_n20A  DC\_7A\_n20A  DC\_28A\_n20A |
| DC\_1A-7A-28A\_n38A | 1A16  28A16 |
| 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-28A\_n78(2A)  DC\_1A-7C-28A\_n78(2A) | DC\_1A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_1A-1A-7A-28A\_n78A | DC\_1A\_n78A  DC\_7A\_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\_n3A  DC\_1A-7C-32A\_n3A | DC\_1A\_n3A  DC\_7A\_n3A |
| DC\_1A-7A-32A\_n8A | DC\_1A\_n8A  DC\_7A\_n8A |
| 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\_n3A | DC\_1A\_n3A |
| DC\_1A-7A-38A\_n8A | DC\_1A\_n8A |
| DC\_1A-7A-38A\_n28A10 | DC\_1A\_n28A |
| DC\_1A-7A-38A\_n78A10 | DC\_1A\_n78A |
| DC\_1A-7A\_n40A-n77A | DC\_1A\_n40A  DC\_1A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_1A-7A\_n40A-n77(2A) | DC\_1A\_n40A  DC\_1A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_1A-7A-7A\_n40A-n77A | DC\_1A\_n40A  DC\_1A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_1A-7A-7A\_n40A-n77(2A) | DC\_1A\_n40A  DC\_1A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| 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-7A\_n40A-n78C | DC\_1A\_n40A  DC\_1A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A |
| DC\_1A-7A\_n75A-n78A | DC\_1A\_n78A  DC\_7A\_n78A |
| DC\_1A-7A\_n78A-n105A | DC\_1A\_n78A  DC\_1A\_n105A  DC\_7A\_n78A  DC\_7A\_n105A |
| DC\_1A-8A-(n)3AA | DC\_1A\_n3A DC\_(n)3AA4 DC\_8A\_n3A |
| DC\_1A-8A\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_8A\_n3A  DC\_8A\_n28A |
| DC\_1A-8A\_n3A-n77A2 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A |
| DC\_1A-8A\_n3A-n77(2A)2 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A |
| DC\_1A-8A\_n3A-n79A | DC\_1A\_n3A  DC\_1A\_n79A  DC\_8A\_n3A  DC\_8A\_n79A |
| 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-8A-11A\_n77(3A)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-11A\_n79A2 | DC\_1A\_n79A  DC\_8A\_n79A  DC\_11A\_n79A |
| DC\_1A-8A-20A\_n3A | DC\_1A\_n3A  DC\_8A\_n3A  DC\_20A\_n3A |
| DC\_1A-8A-20A\_n28A3,8,11,14 | DC\_1A\_n28A  DC\_8A\_n28A  DC\_20A\_n28A |
| DC\_1A-8A-20A\_n78A | DC\_1A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A |
| DC\_1A-8A-28A\_n3A | DC\_1A\_n3A  DC\_8A\_n3A  DC\_28A\_n3A |
| 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-28A\_n78A | DC\_1A\_n78A  DC\_8A\_n78A  DC\_28A\_n78A |
| DC\_1A-8A\_n28A-n78A2 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_1A-8A\_n28A-n79A2 | DC\_1A\_n28A  DC\_1A\_n79A  DC\_8A\_n28A  DC\_8A\_n79A |
| DC\_1A-8A-32A\_n3A | DC\_1A\_n3A  DC\_8A\_n3A |
| DC\_1A-8A-32A\_n78A | DC\_1A\_n78A  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\_n3A2  DC\_1A-8A-42C\_n3A2 | DC\_1A\_n3A  DC\_8A\_n3A  DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_1A-8A-42A\_n28A2  DC\_1A-8A-42C\_n28A2 | DC\_1A\_n28A  DC\_8A\_n28A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-8A-42A\_n77A7,8  DC\_1A-8A-42C\_n77A7,8 | DC\_1A\_n77A  DC\_8A\_n77A |
| DC\_1A-8A-42A\_n77(2A) 7,8  DC\_1A-8A-42C\_n77(2A) 7,8 | DC\_1A\_n77A  DC\_8A\_n77A |
| DC\_1A-8A\_n77A-n79A  DC\_1A-8A\_n77(2A)-n79A | DC\_1A\_n77A  DC\_1A\_n79A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_1A-11A\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_11A\_n3A  DC\_11A\_n28A |
| DC\_1A-11A\_n3A-n77A2 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_1A-11A\_n3A-n77(2A) 2 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_1A-11A\_n3A-n79A | DC\_1A\_n3A  DC\_1A\_n79A  DC\_11A\_n3A  DC\_11A\_n79A |
| 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\_n77A  DC\_11A\_n77A  DC\_18A\_n77A |
| DC\_1A-11A-18A\_n77(2A) | DC\_1A\_n77A  DC\_11A\_n77A  DC\_18A\_n77A |
| DC\_1A-11A-18A\_n78A | DC\_1A\_n78A  DC\_11A\_n78A  DC\_18A\_n78A |
| DC\_1A-11A-18A\_n78(2A) | DC\_1A\_n78A  DC\_11A\_n78A  DC\_18A\_n78A |
| DC\_1A-11A\_n28A-n77A2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-11A\_n28A-n77(2A) 2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-11A\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A  DC\_11A\_n77A  DC\_11A\_n79A |
| DC\_1A-11A\_n77(2A)-n79A | DC\_1A\_n77A  DC\_1A\_n79A  DC\_11A\_n77A  DC\_11A\_n79A |
| 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\_n28A-n77(2A) | 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\_n28A-n78(2A) | 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 |
| DC\_1A-18A-41A\_n77A  DC\_1A-18A-41C\_n77A | DC\_1A\_n77A  DC\_18A\_n77A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_1A-18A\_n41A-n77A | DC\_1A\_n41A  DC\_1A\_n77A  DC\_18A\_n41A  DC\_18A\_n77A |
| DC\_1A-18A\_n41A-n77(2A) | 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\_18A\_n41A  DC\_1A\_n78A  DC\_18A\_n78A |
| DC\_1A-18A\_n41A-n78(2A) | DC\_1A\_n41A  DC\_18A\_n41A  DC\_1A\_n78A  DC\_18A\_n78A |
| DC\_1A-18A-42A\_n77A7,8  DC\_1A-18A-42C\_n77A7,8 | DC\_1A\_n77A  DC\_18A\_n77A |
| DC\_1A-18A-42A\_n78A7,8  DC\_1A-18A-42C\_n78A7,8 | 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\_n77A2,9  DC\_1A-19A-21A\_n77C2 | DC\_1A\_n77A9  DC\_19A\_n77A9  DC\_21A\_n77A9 |
| DC\_1A-19A-21A\_n77(2A) 2 | DC\_1A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_1A-19A-21A\_n78A2, 9  DC\_1A-19A-21A\_n78C2 | DC\_1A\_n78A9  DC\_19A\_n78A9  DC\_21A\_n78A9 |
| DC\_1A-19A-21A\_n78(2A) 2 | DC\_1A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_1A-19A-21A\_n79A2,9  DC\_1A-19A-21A\_n79C2 | DC\_1A\_n79A9  DC\_19A\_n79A9  DC\_21A\_n79A9 |
| DC\_1A-19A-42A\_n77A7,8,9  DC\_1A-19A-42A\_n77C7,8  DC\_1A-19A-42C\_n77A7,8,9  DC\_1A-19A-42C\_n77C7,8 | DC\_1A\_n77A9  DC\_19A\_n77A9 |
| DC\_1A-19A-42A\_n78A7,8,9  DC\_1A-19A-42A\_n78C7,8  DC\_1A-19A-42C\_n78A7,8,9  DC\_1A-19A-42C\_n78C7,8 | DC\_1A\_n78A9  DC\_19A\_n78A9 |
| DC\_1A-19A-42A\_n79A  DC\_1A-19A-42A\_n79C  DC\_1A-19A-42C\_n79A  DC\_1A-19A-42C\_n79C | DC\_1A\_n79A  DC\_19A\_n79A |
| DC\_1A-19A\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| 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\_n7A-n78A | DC\_1A\_n7A  DC\_20A\_n7A  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-28A\_n3A | DC\_1A\_n3A  DC\_20A\_n3A  DC\_28A\_n3A |
| DC\_1A-20A\_n28A-n75A | DC\_1A\_n28A  DC\_20A\_n28A |
| DC\_1A-20A-28A\_n78A | DC\_1A\_n78A  DC\_20A\_n78A  DC\_28A\_n78A |
| DC\_1A-20A\_n28A-n78A2,3,8,14 | 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\_n8A | DC\_1A\_n8A  DC\_20A\_n8A |
| DC\_1A-20A-32A\_n28A8,14 | DC\_1A\_n28A  DC\_20A\_n28A |
| DC\_1A-20A-32A\_n78A | DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-20A-38A\_n3A | DC\_1A\_n3A  DC\_20A\_n3A |
| DC\_1A-20A-(n)38AA | DC\_1A\_n38A  DC\_20A\_n38A |
| DC\_1A-20A-38A\_n8A | DC\_1A\_n8A  DC\_20A\_n8A  DC\_38A\_n8A |
| DC\_1A-20A-38A\_n78A | DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-20A-38A\_n78(2A) | DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-20A\_n38A-n78A | DC\_1A\_n38A  DC\_20A\_n38A  DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-20A-40A\_n78A  DC\_1A-20A-40C\_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-n77A2 | 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-n78A2 | 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-n79A2 | DC\_1A\_n28A  DC\_1A\_n79A  DC\_21A\_n28A  DC\_21A\_n79A |
| DC\_1A-21A-42A\_n77A7,8,9  DC\_1A-21A-42A\_n77C7,8  DC\_1A-21A-42C\_n77A7,8,9  DC\_1A-21A-42C\_n77C7,8  DC\_1A-21A-42D\_n77A7,8  DC\_1A-21A-42D\_n77C7,8 | DC\_1A\_n77A9  DC\_21A\_n77A9 |
| DC\_1A-21A-42A\_n78A7,8,9  DC\_1A-21A-42A\_n78C7,8  DC\_1A-21A-42C\_n78A7,8,9  DC\_1A-21A-42C\_n78C7,8  DC\_1A-21A-42D\_n78A7,8  DC\_1A-21A-42D\_n78C7,8 | DC\_1A\_n78A9  DC\_21A\_n78A9 |
| DC\_1A-21A-42A\_n79A9  DC\_1A-21A-42A\_n79C  DC\_1A-21A-42C\_n79A9  DC\_1A-21A-42C\_n79C  DC\_1A-21A-42D\_n79A  DC\_1A-21A-42D\_n79C | DC\_1A\_n79A9  DC\_21A\_n79A9 |
| DC\_1A-21A\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A-21A\_n78A-n79A | DC\_1A\_n78A  DC\_1A\_n79A |
| DC\_1A-28A\_n3A-n77A2 | DC\_28A\_n3A  DC\_28A\_n77A |
| DC\_1A-28A\_n3A-n78A2 | DC\_1A\_n3A  DC\_1A\_n78A  DC\_28A\_n3A  DC\_28A\_n78A |
| DC\_1A-28A\_n5A-n40A | DC\_1A\_n5A  DC\_1A\_n40A  DC\_28A\_n5A  DC\_28A\_n40A |
| DC\_1A-28A\_n5A-n78A2 | DC\_1A\_n5A  DC\_1A\_n78A  DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_1A-28A-(n)7AA | DC\_1A\_n7A DC\_28A\_n7A |
| DC\_1A-28A\_n7A-n78A | DC\_1A\_n7A  DC\_28A\_n7A  DC\_1A\_n78A  DC\_28A\_n78A |
| DC\_1A-28A\_n7B-n78A | DC\_1A\_n7A  DC\_1A\_n7B  DC\_28A\_n7A  DC\_28A\_n7B  DC\_1A\_n78A  DC\_28A\_n78A |
| DC\_1A-28A-32A\_n3A | DC\_1A\_n3A  DC\_28A\_n3A |
| DC\_1A-28A-40A\_n78A  DC\_1A-28A-40C\_n78A | DC\_1A\_n78A  DC\_28A\_n78A  DC\_40A\_n78A |
| DC\_1A-28A\_n38A-n78A | DC\_1A\_n38A  DC\_1A\_n78A  DC\_28A\_n38A  DC\_28A\_n78A |
| DC\_1A-28A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_1A-28A-42A\_n77A7,8  DC\_1A-28A-42A\_n77C7,8  DC\_1A-28A-42C\_n77A7,8  DC\_1A-28A-42C\_n77C7,8 | DC\_1A\_n77A  DC\_28A\_n77A |
| DC\_1A-28A-42A\_n78A7,8  DC\_1A-28A-42A\_n78C7,8  DC\_1A-28A-42C\_n78A7,8  DC\_1A-28A-42C\_n78C7,8 | DC\_1A\_n78A  DC\_28A\_n78A |
| DC\_1A-28A-42A\_n79A  DC\_1A-28A-42A\_n79C  DC\_1A-28A-42C\_n79A  DC\_1A-28A-42C\_n79C | 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 |
| DC\_1A-38A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_38A\_n3A  DC\_38A\_n78A |
| DC\_1A-38A\_n7A-n78A | DC\_1A\_n78A |
| DC\_1A-38A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_38A\_n28A  DC\_38A\_n78A |
| DC\_1A\_n40A-n78A-n105A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_1A\_n105A |
| DC\_1A-41A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_41A\_n3A  DC\_41A\_n77A |
| DC\_1A-41C\_n3A-n77A | DC\_41A\_n3A  DC\_41A\_n77A  DC\_41C\_n3A  DC\_41C\_n77A |
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| 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 |
| DC\_1A-41C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_41A\_n28A  DC\_41A\_n78A  DC\_41C\_n28A  DC\_41C\_n78A |
| DC\_1A-41A\_n41A-n77A | DC\_1A\_n41A  DC\_1A\_n77A  DC\_41A\_n77A |
| DC\_1A-41A\_n41A-n78A | DC\_1A\_n41A  DC\_1A\_n78A  DC\_41A\_n78A |
| DC\_1A-42A\_n3A-n28A2 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_1A-42C\_n3A-n28A2 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_42A\_n3A  DC\_42A\_n28A  DC\_42C\_n3A  DC\_42C\_n28A |
| DC\_1A-42A\_n3A-n77A7,8 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_42A\_n3A |
| DC\_1A-42A\_n3A-n77(2A) 7,8 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_42A\_n3A |
| DC\_1A-42C\_n3A-n77A7,8 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_1A-42C\_n3A-n77(2A)7,8 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A |
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| DC\_1A-42C\_n28A-n77A7,8 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-42C\_n28A-n77(2A)7,8 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-41A-42A\_n77A7,8  DC\_1A-41A-42C\_n77A7,8  DC\_1A-41C-42A\_n77A7,8  DC\_1A-41C-42C\_n77A7,8 | DC\_1A\_n77A  DC\_41A\_n77A |
| DC\_1A-41A-42A\_n77(2A)7,8  DC\_1A-41A-42C\_n77(2A)7,8 | DC\_1A\_n77A  DC\_41A\_n77A |
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| DC\_1A-41A-42A\_n79A  DC\_1A-41A-42C\_n79A  DC\_1A-41C-42A\_n79A  DC\_1A-41C-42C\_n79A | DC\_1A\_n79A  DC\_41A\_n79A |
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| DC\_1A-42A\_n78A-n79A7,8  DC\_1A-42C\_n78A-n79A7,8 | DC\_1A\_n78A  DC\_1A\_n79A |
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| DC\_2A-4A-7A\_n78A  DC\_2A-4A-7C\_n78A | DC\_2A\_n78A  DC\_4A\_n78A |
| DC\_2A-5A\_n2A-n66A | DC\_2A\_n2A4  DC\_2A\_n66A  DC\_5A\_n2A  DC\_5A\_n66A |
| DC\_2A-5A\_n2A-n77A  DC\_2A-5A\_n2A-n77C | DC\_2A\_n77A  DC\_5A\_n2A  DC\_5A\_n77A |
| DC\_2A-5A\_n2A-n78A | DC\_5A\_n2A  DC\_2A\_n78A  DC\_5A\_n78A |
| DC\_2A-5A\_n5A-n77A  DC\_2A-5A\_n5A-n77C | DC\_2A\_n5A  DC\_2A\_n77A  DC\_5A\_n77A |
| DC\_2A-5A-7A\_n2A | DC\_5A\_n2A  DC\_7A\_n2A |
| DC\_2A-5A-7A\_n7A | DC\_2A\_n7A  DC\_5A\_n7A  DC\_7A\_n7A4 |
| DC\_2A-5A-7A\_n66A  DC\_2A-5A-7C\_n66A | DC\_2A\_n66A  DC\_5A\_n66A  DC\_7A\_n66A |
| DC\_2A-5A-7A\_n77A | DC\_2A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_2A-5A-7A\_n77(2A) | DC\_2A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_2A-5A-7A\_n78A | DC\_2A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_2A-2A-5A-7A\_n66A  DC\_2A-5A-7A-7A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A  DC\_7A\_n66A |
| DC\_2A-5A-7A\_n78(2A) | DC\_2A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_2A-5A-(n)12AA | DC\_5A\_n12A  DC\_2A\_n12A  DC\_(n)12AA4 |
| DC\_2A-12A-(n)5AA | DC\_2A\_n5A  DC\_12A\_n5A  DC\_(n)5AA4 |
| DC\_2A-5A-30A\_n2A | DC\_2A\_n2A4  DC\_5A\_n2A  DC\_30A\_n2A |
| DC\_2A-5A-30A\_n5A | DC\_2A\_n5A  DC\_30A\_n5A |
| DC\_2A-5A-30A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A  DC\_30A\_n66A |
| DC\_2A-2A-5A-30A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A  DC\_30A\_n66A |
| DC\_2A-5A-30A\_n77A9  DC\_2A-2A-5A-30A\_n77A9 | DC\_2A\_n77A9  DC\_5A\_n77A9  DC\_30A\_n77A9 |
| DC\_2A-5A-30A\_n77(2A) 9 | DC\_2A\_n77A9  DC\_5A\_n77A9  DC\_30A\_n77A9 |
| DC\_2A-5A-48A\_n12A | DC\_2A\_n12A  DC\_5A\_n12A  DC\_48A\_n12A |
| DC\_2A-5A-48A\_n77A7,8,9  DC\_2A-5A-48A\_n77C7,8,9  DC\_2A-5A-48C\_n77A7,8,9  DC\_2A-5A-48C\_n77C7,8,**9** | DC\_2A\_n77A DC\_5A\_n77A |
| DC\_2A-5A-66A\_n2A  DC\_2A-5B-66A\_n2A | DC\_2A\_n2A4  DC\_5A\_n2A  DC\_66A\_n2A |
| DC\_2A-5A-5A-66A\_n2A | DC\_2A\_n2A4  DC\_5A\_n2A  DC\_66A\_n2A |
| DC\_2A-5A-66A-66A\_n2A  DC\_2A-5B-66A-66A\_n2A | DC\_2A\_n2A4  DC\_5A\_n2A  DC\_66A\_n2A |
| DC\_2A-5A-5A-66A-66A\_n2A | DC\_2A\_n2A4  DC\_5A\_n2A  DC\_66A\_n2A |
| DC\_2A-5A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-2A-5A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-2A-5A-66A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-5A-66A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-5A-66A\_n7A | DC\_2A\_n7A  DC\_5A\_n7A  DC\_66A\_n7A |
| DC\_2A-5A-66A-66A\_n7A | DC\_2A\_n7A  DC\_5A\_n7A  DC\_66A\_n7A |
| DC\_2A-5A-66A\_n12A | DC\_2A\_n12A  DC\_5A\_n12A  DC\_66A\_n12A |
| DC\_2A-5A-66A\_n30A | DC\_2A\_n30A  DC\_5A\_n30A  DC\_66A\_n30A |
| DC\_2A-2A-5A-66A\_n30A | DC\_2A\_n30A  DC\_5A\_n30A  DC\_66A\_n30A |
| DC\_2A-5A-66A-66A\_n30A | DC\_2A\_n30A  DC\_5A\_n30A  DC\_66A\_n30A |
| DC\_2A-5A-66A\_n48A  DC\_2A-5A-66A\_n48B | DC\_2A\_n48A  DC\_5A\_n48A  DC\_66A\_n48A |
| DC\_2A-5A-66A-66A\_n48A  DC\_2A-5A-66A-66A\_n48B | DC\_2A\_n48A  DC\_5A\_n48A  DC\_66A\_n48A |
| DC\_2A-5A-66A\_n66A  DC\_2A-5B-66A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-5A-5A-66A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A |
| DC\_2A-2A-5A-66A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A |
| DC\_2A-5A-66A-66A\_n66A  DC\_2A-5B-66A-66A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A |
| DC\_2A-2A-5A-66A-66A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A |
| DC\_2A-5A-5A-66A-66A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A |
| DC\_2A-5A-66A\_n71A | DC\_2A\_n71A  DC\_5A\_n71A  DC\_66A\_n71A |
| DC\_2A-5A-66A\_n77A9  DC\_2A-5A-66A\_n77C9  DC\_2A-2A-5A-66A\_n77C9  DC\_2A-5A-66A-66A\_n77C9 | DC\_2A\_n77A9  DC\_5A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-5A-66A\_n77(2A) 9 | DC\_2A\_n77A9  DC\_5A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-2A-5A-66A\_n77A9 | DC\_2A\_n77A9  DC\_5A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-5A-66A-66A\_n77A9 | DC\_2A\_n77A9  DC\_5A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-5A-66A\_n78A | DC\_2A\_n78A  DC\_5A\_n78A  DC\_66A\_n78A |
| DC\_2A-5A-66A\_n78(2A) | DC\_2A\_n78A  DC\_5A\_n78A  DC\_66A\_n78A |
| DC\_2A-5A\_n66A-n77A  DC\_2A-5A\_n66A-n77C | DC\_2A\_n66A  DC\_2A\_n77A  DC\_5A\_n66A  DC\_5A\_n77A |
| DC\_2A-5A\_n66A-n78A | DC\_2A\_n66A DC\_5A\_n66A DC\_2A\_n78A DC\_5A\_n78A |
| DC\_2A-7A\_n2A-n66A | DC\_2A\_n2A4  DC\_2A\_n66A  DC\_7A\_n2A  DC\_7A\_n66A |
| DC\_2A-7A\_n2A-n66A | DC\_2A\_n2A4  DC\_2A\_n66A  DC\_7A\_n2A  DC\_7A\_n66A |
| DC\_2A-7A\_n2A-n71A | DC\_2A\_n71A  DC\_7A\_n2A  DC\_7A\_n71A |
| DC\_2A-7A\_n2A-n77A | DC\_2A\_n2A4  DC\_2A\_n77A  DC\_7A\_n2A  DC\_7A\_n77A |
| DC\_2A-7A\_n2A-n78A | DC\_7A\_n2A DC\_2A\_n78A DC\_7A\_n78A |
| DC\_2A-7A-12A\_n2A | DC\_7A\_n2A  DC\_12A\_n2A |
| DC\_2A-7A-12A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_12A\_n66A |
| DC\_2A-2A-7A-12A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_12A\_n66A |
| DC\_2A-7A-12A\_n77A | DC\_2A\_n77A  DC\_7A\_n77A  DC\_12A\_n77A |
| DC\_2A-7A-12A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_12A\_n78A |
| DC\_2A-2A-7A-12A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_12A\_n78A |
| DC\_2A-7A-12A\_n78(2A) | DC\_2A\_n78A  DC\_7A\_n78A  DC\_12A\_n78A |
| DC\_2A-7A-13A\_n25A7,8 | DC\_7A\_n25A DC\_13A\_n25A |
| DC\_2A-7A-7A-13A\_n25A7,8 | DC\_7A\_n25A DC\_13A\_n25A |
| DC\_2A-7C-13A\_n25A7,8 | DC\_7A\_n25A DC\_13A\_n25A |
| DC\_2A-7A-13A\_n66A  DC\_2A-7C-13A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_13A\_n66A |
| DC\_2A-2A-7C-13A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_13A\_n66A |
| DC\_2A-7A-7A-13A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_13A\_n66A |
| DC\_2A-2A-7A-13A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_13A\_n66A |
| DC\_2A-2A-7A-7A-13A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_13A\_n66A |
| DC\_2A-7A\_n25A-n66A8,14 | DC\_2A\_n66A DC\_7A\_n25A DC\_7A\_n66A |
| DC\_2A-7A-7A\_n25A-n66A8,14 | DC\_2A\_n66A DC\_7A\_n25A DC\_7A\_n66A |
| DC\_2A-7C\_n25A-n66A8,14 | DC\_2A\_n66A DC\_7A\_n25A DC\_7A\_n66A |
| DC\_2A-7A-28A\_n7A | DC\_2A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_2A-7A-28A\_n66A  DC\_2A-7C-28A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_28A\_n66A |
| DC\_2A-7A-28A\_n78A  DC\_2A-7C-28A\_n78A | DC\_2A\_n78A DC\_7A\_n78A  DC\_7C\_n78A DC\_28A\_n78A |
| DC\_2A-7A-28A\_n78(2A)  DC\_2A-7C-28A\_n78(2A) | DC\_2A\_n78A  DC\_28A\_n78A |
| DC\_2A-7A\_n38A-n66A  DC\_2A-7C\_n38A-n66A | DC\_2A\_n38A  DC\_2A\_n66A  DC\_7A\_n66A |
| DC\_2A-7A-7A\_n38A-n66A | DC\_2A\_n38A  DC\_2A\_n66A  DC\_7A\_n66A |
| DC\_2A-7A-29A\_n78A  DC\_2A-7C-29A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A |
| DC\_2A-7A-7A-29A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A |
| DC\_2A-7A-38A\_n78A  DC\_2A-7C-38A\_n78A | DC\_2A\_n78A |
| DC\_2A-7A\_n38A-n78A  DC\_2A-7C\_n38A-n78A | DC\_2A\_n78A |
| DC\_2A-7A-7A\_n38A-n78A | DC\_2A\_n78A |
| DC\_2A-7A-66A\_n2A | DC\_7A\_n2A  DC\_66A\_n2A |
| DC\_2A-7A-66A\_n7A | DC\_2A\_n7A  DC\_7A\_n7A4  DC\_66A\_n7A |
| DC\_2A-7A-66A-66A\_n7A | DC\_2A\_n7A  DC\_7A\_n7A4  DC\_66A\_n7A |
| DC\_2A-7A-66A\_n25A7,8 | DC\_7A\_n25A DC\_66A\_n25A |
| DC\_2A-7A-7A-66A\_n25A7,8 | DC\_7A\_n25A DC\_66A\_n25A |
| DC\_2A-7C-66A\_n25A7,8 | DC\_7A\_n25A DC\_66A\_n25A |
| DC\_2A-7A-66A\_n28A | DC\_2A\_n28A  DC\_7A\_n28A  DC\_66A\_n28A |
| DC\_2A-7A-66A\_n38A | 2A5  66A5 |
| DC\_2A-2A-7A-66A\_n38A | 2A5  66A5 |
| DC\_2A-7A-66A\_n66A  DC\_2A-7C-66A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-7A-7A-66A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-7A-66A-66A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-7A-7A-66A-66A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-7A-66A\_n71A | DC\_2A\_n71A  DC\_7A\_n71A  DC\_66A\_n71A |
| DC\_2A-2A-7A-66A\_n71A | DC\_2A\_n71A  DC\_7A\_n71A  DC\_66A\_n71A |
| DC\_2A-7A\_n66A-n71A | DC\_2A\_n66A  DC\_2A\_n71A  DC\_7A\_n66A  DC\_7A\_n71A |
| DC\_2A-7A-66A\_n77A  DC\_2A-7C-66A\_n77A | DC\_2A\_n77A  DC\_7A\_n77A  DC\_66A\_n77A |
| DC\_2A-7A-66A\_n77(2A)  DC\_2A-7C-66A\_n77(2A) | DC\_2A\_n77A  DC\_7A\_n77A  DC\_66A\_n77A |
| DC\_2A-7A-7A-66A\_n77A | DC\_2A\_n77A  DC\_7A\_n77A  DC\_66A\_n77A |
| DC\_2A-7A-7A-66A\_n77(2A) | DC\_2A\_n77A  DC\_7A\_n77A  DC\_66A\_n77A |
| DC\_2A-7A\_n66A-n77A  DC\_2A-7C\_n66A-n77A  DC\_2A-7A-7A\_n66A-n77A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_2A\_n77A  DC\_7A\_n77A |
| DC\_2A-7A-66A\_n78A9  DC\_2A-7C-66A\_n78A9 | DC\_2A\_n78A9  DC\_7A\_n78A9  DC\_66A\_n78A9 |
| DC\_2A-2A-7A-66A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_2A-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)9  DC\_2A-7C-66A\_n78(2A)9 | DC\_2A\_n78A9  DC\_7A\_n78A9  DC\_66A\_n78A9 |
| DC\_2A-7A-7A\_n66A-n78A | DC\_2A\_n66A  DC\_2A\_n78A  DC\_7A\_n66A  DC\_7A\_n78A |
| DC\_2A-7A-7A-66A\_n78A9 | DC\_2A\_n78A9  DC\_7A\_n78A9  DC\_66A\_n78A9 |
| DC\_2A-7A-66A-66A\_n78A9  DC\_2A-7C-66A-66A\_n78A9 | DC\_2A\_n78A9  DC\_7A\_n78A9  DC\_66A\_n78A9 |
| DC\_2A-7A-66A-66A\_n78(2A) 9  DC\_2A-7C-66A-66A\_n78(2A) 9 | DC\_2A\_n78A9  DC\_7A\_n78A9  DC\_66A\_n78A9 |
| DC\_2A-7A-7A-66A\_n78(2A) 9 | DC\_2A\_n78A9  DC\_7A\_n78A9  DC\_66A\_n78A9 |
| DC\_2A-7A-7A-66A-66A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_2A-7A-7A-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\_n66A  DC\_7A\_n66A  DC\_71A\_n66A |
| DC\_2A-2A-7A-71A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_71A\_n66A |
| DC\_2A-7A-71A\_n77A | DC\_2A\_n77A  DC\_7A\_n77A  DC\_71A\_n77A |
| DC\_2A-7A\_n71A-n77A | DC\_2A\_n71A  DC\_2A\_n77A  DC\_7A\_n71A  DC\_7A\_n77A |
| DC\_2A-7A-71A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_71A\_n78A |
| DC\_2A-2A-7A-71A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_71A\_n78A |
| DC\_2A-7A-71A\_n78(2A) | DC\_2A\_n78A  DC\_7A\_n78A  DC\_71A\_n78A |
| DC\_2A-7A\_n71A-n78A | DC\_2A\_n71A DC\_7A\_n71A DC\_2A\_n78A DC\_7A\_n78A |
| DC\_2A-12A\_n2A-n41A | DC\_2A\_n41A  DC\_12A\_n2A  DC\_12A\_n41A |
| DC\_2A-12A\_n2A-n66A | DC\_2A\_n2A4  DC\_2A\_n66A  DC\_12A\_n2A  DC\_12A\_n66A |
| DC\_2A-12A\_n2A-n77A | DC\_2A\_n2A4  DC\_2A\_n77A  DC\_12A\_n2A  DC\_12A\_n77A |
| DC\_2A-12A\_n2A-n78A | DC\_12A\_n2A DC\_2A\_n78A DC\_7A\_n78A |
| DC\_2A-12A-30A\_n2A | DC\_12A\_n2A  DC\_30A\_n2A |
| DC\_2A-12A\_n41A-n66A | DC\_2A\_n41A  DC\_2A\_n66A  DC\_12A\_n41A  DC\_12A\_n66A |
| 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\_n66A  DC\_12A\_n66A  DC\_30A\_n66A |
| DC\_2A-2A-12A-30A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A  DC\_30A\_n66A |
| DC\_2A-12A-30A\_n77A9  DC\_2A-2A-12A-30A\_n77A9 | DC\_2A\_n77A9  DC\_12A\_n77A9  DC\_30A\_n77A9 |
| DC\_2A-12A-30A\_n77(2A)9 | DC\_2A\_n77A9  DC\_12A\_n77A9  DC\_30A\_n77A9 |
| 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\_n30A | DC\_2A\_n30A  DC\_12A\_n30A  DC\_66A\_n30A |
| DC\_2A-2A-12A-66A\_n30A | DC\_2A\_n30A  DC\_12A\_n30A  DC\_66A\_n30A |
| DC\_2A-12A-66A-66A\_n30A | DC\_2A\_n30A  DC\_12A\_n30A  DC\_66A\_n30A |
| DC\_2A-12A-66A\_n41A | DC\_2A\_n41A  DC\_12A\_n41A  DC\_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\_n77A9  DC\_2A-2A-12A-66A\_n77A9  DC\_2A-12A-66A-66A\_n77A9 | DC\_2A\_n77A9  DC\_12A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-12A-66A\_n77(2A) 9 | DC\_2A\_n77A9  DC\_12A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-12A\_n66A-n77A | DC\_2A\_n66A  DC\_2A\_n77A  DC\_12A\_n66A  DC\_12A\_n77A |
| DC\_2A-12A-66A\_n78A | DC\_2A\_n78A  DC\_12A\_n78A  DC\_66A\_n78A |
| DC\_2A-2A-12A-66A\_n78A | DC\_2A\_n78A  DC\_12A\_n78A  DC\_66A\_n78A |
| DC\_2A-12A-66A\_n78(2A) | DC\_2A\_n78A  DC\_12A\_n78A  DC\_66A\_n78A |
| DC\_2A-12A\_n66A-n78A | DC\_2A\_n66A DC\_12A\_n66A DC\_2A\_n78A DC\_12A\_n78A |
| DC\_2A-13A\_n2A-n77A  DC\_2A-13A\_n2A-n77C | DC\_2A\_n77A  DC\_13A\_n2A  DC\_13A\_n77A |
| DC\_2A-13A\_n5A-n77A**9**  DC\_2A-2A-13A\_n5A-n77A**9**  DC\_2A-13A\_n5A-n77C9 | DC\_2A\_n5A  DC\_2A\_n77A DC\_13A\_n77A |
| DC\_2A-13A\_n25A-n66A8,14 | DC\_2A\_n66A DC\_13A\_n25A DC\_13A\_n66A |
| DC\_2A-13A-48A\_n77A7,8,9  DC\_2A-13A-48A\_n77C7,8,9  DC\_2A-13A-48C\_n77A7,8,9  DC\_2A-13A-48C\_n77C7,8,9 | DC\_2A\_n77A9  DC\_13A\_n77A |
| DC\_2A-13A-66A\_n2A | DC\_13A\_n2A  DC\_66A\_n2A |
| DC\_2A-13A-66A-66A\_n2A | DC\_13A\_n2A  DC\_66A\_n2A |
| DC\_2A-13A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-2A-13A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-13A-66A-66A\_n5A | DC\_2A\_n5A  DC\_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\_2A\_n66A  DC\_13A\_n66A |
| DC\_2A-13A-66A\_n77A9  DC\_2A-13A-66A\_n77C9  DC\_2A-2A-13A-66A\_n77C9  DC\_2A-2A-13A-66A-66A\_n77A  DC\_2A-13A-66A-66A\_n77C9 | DC\_2A\_n77A9  DC\_13A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-2A-13A-66A\_n77A9 | DC\_2A\_n77A9  DC\_13A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-13A-66A-66A\_n77A9 | DC\_2A\_n77A9  DC\_13A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-13A\_n66A-n77A9  DC\_2A-13A\_n66A-n77C9  DC\_2A-2A-13A\_n66A-n77A9 | DC\_2A\_n66A  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\_n66A  DC\_14A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-2A-14A-30A\_n66A | DC\_2A\_n66A  DC\_14A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-14A-30A\_n77A9  DC\_2A-2A-14A-30A\_n77A9 | DC\_2A\_n77A9  DC\_14A\_n77A9  DC\_30A\_n77A9 |
| DC\_2A-14A-30A\_n77(2A) 9 | DC\_2A\_n77A9  DC\_14A\_n77A9  DC\_30A\_n77A9 |
| 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\_n30A | DC\_2A\_n30A  DC\_14A\_n30A  DC\_66A\_n30A |
| DC\_2A-2A-14A-66A\_n30A | DC\_2A\_n30A  DC\_14A\_n30A  DC\_66A\_n30A |
| DC\_2A-14A-66A-66A\_n30A | DC\_2A\_n30A  DC\_14A\_n30A  DC\_66A\_n30A |
| 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-14A-66A\_n77A9  DC\_2A-2A-14A-66A\_n77A9  DC\_2A-14A-66A-66A\_n77A9 | DC\_2A\_n77A9  DC\_14A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-14A-66A\_n77(2A) 9 | DC\_2A\_n77A9  DC\_14A\_n77A9  DC\_66A\_n77A9 |
| 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\_n66A  DC\_30A\_n66A |
| DC\_2A-2A-29A-30A\_n66A | DC\_2A\_n66A  DC\_30A\_n66A |
| DC\_2A-29A-30A\_n77A9  DC\_2A-2A-29A-30A\_n77A9 | DC\_2A\_n77A9  DC\_30A\_n77A9 |
| 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\_n30A | DC\_2A\_n30A  DC\_66A\_n30A |
| DC\_2A-2A-29A-66A\_n30A | DC\_2A\_n30A  DC\_66A\_n30A |
| DC\_2A-29A-66A-66A\_n30A | DC\_2A\_n30A  DC\_66A\_n30A |
| DC\_2A-29A-66A\_n66A | DC\_2A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-2A-29A-66A\_n66A | DC\_2A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-29A-66A\_n77A9 | DC\_2A\_n77A9  DC\_66A\_n77A**9** |
| DC\_2A-29A-66A\_n78A | DC\_2A\_n78A  DC\_66A\_n78A |
| DC\_2A-30A-(n)5AA  DC\_2A-2A-30A-(n)5AA | DC\_2A\_n5A  DC\_30A\_n5A  DC\_(n)5AA4 |
| 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\_n5A  DC\_30A\_n5A  DC\_66A\_n5A |
| DC\_2A-2A-30A-66A\_n5A | DC\_2A\_n5A  DC\_30A\_n5A  DC\_66A\_n5A |
| DC\_2A-30A-66A-66A\_n5A | DC\_2A\_n5A  DC\_30A\_n5A  DC\_66A\_n5A |
| DC\_2A-30A-66A\_n66A | DC\_2A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-2A-30A-66A\_n66A | DC\_2A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-30A-66A\_n77A9  DC\_2A-2A-30A-66A\_n77A9  DC\_2A-30A-66A-66A\_n77A9 | DC\_2A\_n77A9  DC\_30A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-30A-66A\_n77(2A) 9 | DC\_2A\_n77A9  DC\_30A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-46A\_n41A-n66A  DC\_2A-46C\_n41A-n66A  DC\_2A-46D\_n41A-n66A | DC\_2A\_n41A  DC\_2A\_n66A |
| 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\_n77A7,8,9  DC\_2A-48C-66A\_n77A7,8,9  DC\_2A-48A-66A\_n77C7,8,9  DC\_2A-48C-66A\_n77C7,8,9  DC\_2A-48D-66A\_n77A7,8,9  DC\_2A-48E-66A\_n77A7,8,9 | DC\_2A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-66A\_n2A-n41A | DC\_2A\_n2A4  DC\_2A\_n41A  DC\_66A\_n2A  DC\_66A\_n41A |
| DC\_2A-66A\_n2A-n71A | DC\_2A\_n2A4  DC\_2A\_n71A  DC\_66A\_n2A  DC\_66A\_n71A |
| DC\_2A-66A\_n2A-n77A  DC\_2A-66A\_n2A-n77C | DC\_2A\_n77A  DC\_66A\_n2A  DC\_66A\_n77A |
| DC\_2A-66A-66A\_n2A-n77A | DC\_2A\_n77A  DC\_66A\_n2A  DC\_66A\_n77A |
| DC\_2A-66A-(n)5AA  DC\_2A-2A-66A-(n)5AA  DC\_2A-66A-66A-(n)5AA | DC\_2A\_n5A  DC\_66A\_n5A  DC\_(n)5AA4 |
| DC\_2A-66A\_n2A-n78A | DC\_66A\_n2A DC\_2A\_n78A DC\_66A\_n78A |
| DC\_2A-66A\_n5A-n77A9  DC\_2A-2A-66A\_n5A-n77A9  DC\_2A-66A-66A\_n5A-n77A9  DC\_2A-66A\_n5A-n77C9 | DC\_2A\_n5A  DC\_2A\_n77A9  DC\_5A\_n77A  DC\_66A\_n5A  DC\_66A\_n77A9 |
| DC\_2A-66A\_n12A-n77A | DC\_2A\_n12A  DC\_2A\_n77A  DC\_66A\_n12A  DC\_66A\_n77A |
| DC\_2A-66A\_n12A-n78A | DC\_2A\_n12A  DC\_2A\_n78A  DC\_66A\_n12A  DC\_66A\_n78A |
| 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\_n66A-n71A | DC\_2A\_n66A  DC\_2A\_n71A  DC\_66A\_n66A4  DC\_66A\_n71A |
| DC\_2A-66A-71A\_n38A | DC\_2A\_n38A  DC\_66A\_n38A  DC\_71A\_n38A |
| DC\_2A-2A-66A-71A\_n38A | DC\_2A\_n38A  DC\_66A\_n38A  DC\_71A\_n38A |
| DC\_2A-66A-71A\_n41A | DC\_2A\_n41A  DC\_66A\_n41A  DC\_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\_n77A | DC\_2A\_n77A  DC\_66A\_n77A  DC\_71A\_n77A |
| DC\_2A-66A\_n71A-n77A | DC\_2A\_n71A  DC\_2A\_n77A  DC\_66A\_n71A  DC\_66A\_n77A |
| DC\_2A-66A-71A\_n78A | DC\_2A\_n78A  DC\_66A\_n78A  DC\_71A\_n78A |
| DC\_2A-2A-66A-71A\_n78A | DC\_2A\_n78A  DC\_66A\_n78A  DC\_71A\_n78A |
| DC\_2A-66A-71A\_n78(2A) | 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-n77A9  DC\_2A-2A-66A\_n66A-n77A**9**  DC\_2A-66A\_n66A-n77C9 | DC\_2A\_n66A  DC\_2A\_n77A9  DC\_66A\_n77A9 |
| 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\_2A-66A\_n71A-n78A | DC\_2A\_n71A DC\_66A\_n71A DC\_2A\_n78A DC\_66A\_n78A |
| DC\_2A-71A\_n2A-n41A | DC\_2A\_n41A  DC\_71A\_n2A  DC\_71A\_n41A |
| DC\_2A-71A\_n2A-n66A | DC\_2A\_n2A4  DC\_2A\_n66A  DC\_71A\_n2A  DC\_71A\_n66A |
| DC\_2A-71A\_n2A-n77A | DC\_2A\_n2A4  DC\_2A\_n77A  DC\_71A\_n2A  DC\_71A\_n77A |
| DC\_2A-71A\_n2A-n78A | DC\_71A\_n2A DC\_2A\_n78A DC\_7A\_n78A |
| DC\_2A-71A\_n41A-n66A | DC\_2A\_n41A  DC\_2A\_n66A  DC\_71A\_n41A  DC\_71A\_n66A |
| DC\_2A-71A\_n66A-n77A | DC\_2A\_n66A  DC\_2A\_n77A  DC\_71A\_n66A  DC\_71A\_n77A |
| DC\_2A-71A\_n66A-n78A | DC\_2A\_n66A DC\_71A\_n66A DC\_2A\_n78A DC\_71A\_n78A |
| DC\_3A\_n1A-n8A-n78A2 | DC\_3A\_n1A  DC\_3A\_n8A  DC\_3A\_n78A |
| DC\_3A-3A\_n1A-n8A-n78A2 | DC\_3A\_n1A  DC\_3A\_n8A  DC\_3A\_n78A |
| DC\_3A\_n1A-n28A-n75A  DC\_3C\_n1A-n28A-n75A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_3A\_n28A  DC\_3C\_n28A |
| DC\_3A\_n1A-n40A-n78A | DC\_3A\_n1A  DC\_3A\_n40A  DC\_3A\_n78A |
| DC\_3A\_n1A-n75A-n78A  DC\_3C\_n1A-n75A-n78A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_3A\_n78A  DC\_3C\_n78A |
| 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 |
| DC\_3A-5A-7A\_n40A | DC\_3A\_n40A  DC\_5A\_n40A  DC\_7A\_n40A |
| DC\_3A-5A-7A-7A\_n40A | DC\_3A\_n40A  DC\_5A\_n40A  DC\_7A\_n40A |
| DC\_3A-5A-7A\_n77A | DC\_3A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_3A-5A-7A\_n77(2A)  DC\_3A-5A-7A\_n77(3A) | DC\_3A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_3A-5A-7A-7A\_n77A | DC\_3A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_3A-5A-7A-7A\_n77(2A)  DC\_3A-5A-7A-7A\_n77(3A) | DC\_3A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_3A-5A-7A\_n78A  DC\_3C-5A-7A\_n78A  DC\_3A-5A-7A\_n78C | DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_3A-5A-7A\_n78(2A) | DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_3A-5A-7A\_n78(A-C) | DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_3A-5A-7A-7A\_n78A  DC\_3A-5A-7A-7A\_n78C | DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_3A-5A-7A-7A\_n78(2A) | DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_3A-5A-7A-7A\_n78(A-C) | DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_3A-5A\_n40A-n77A | DC\_3A\_n40A  DC\_3A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A |
| DC\_3A-5A\_n40A-n77(2A) | DC\_3A\_n40A  DC\_3A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A |
| DC\_3A-5A\_n40A-n78A  DC\_3A-5A\_n40A-n78C | DC\_3A\_n40A  DC\_3A\_n78A  DC\_5A\_n40A  DC\_5A\_n78A |
| DC\_3A\_n5A-n40A-n78A | DC\_3A\_n5A  DC\_3A\_n40A  DC\_3A\_n78A |
| DC\_3A-7A\_n1A-n8A | DC\_3A\_n1A  DC\_3A\_n8A  DC\_7A\_n1A  DC\_7A\_n8A |
| DC\_3A-3A-7A\_n1A-n8A | DC\_3A\_n1A  DC\_3A\_n8A  DC\_7A\_n1A  DC\_7A\_n8A |
| DC\_3A-7A-7A\_n1A-n8A | DC\_3A\_n1A  DC\_3A\_n8A  DC\_7A\_n1A  DC\_7A\_n8A |
| DC\_3A-3A-7A-7A\_n1A-n8A | DC\_3A\_n1A  DC\_3A\_n8A  DC\_7A\_n1A  DC\_7A\_n8A |
| DC\_3A-7A\_n1A-n28A  DC\_3C-7A\_n1A-n28A | DC\_3A\_n1A  DC\_3A\_n28A  DC\_3C\_n1A  DC\_7A\_n1A  DC\_7A\_n28A |
| DC\_3A-7C\_n1A-n28A  DC\_3C-7C\_n1A-n28A | DC\_3A\_n1A  DC\_3A\_n28A  DC\_3C\_n1A  DC\_7A\_n1A  DC\_7A\_n28A  DC\_7C\_n1A  DC\_7C\_n28A |
| DC\_3A-7A\_n1A-n40A | DC\_3A\_n1A  DC\_3A\_n40A  DC\_7A\_n1A  DC\_7A\_n40A |
| DC\_3A-7A\_n1A-n78A2, 9  DC\_3C-7A\_n1A-n78A2 | DC\_3A\_n1A  DC\_3C\_n1A  DC\_3A\_n78A9  DC\_3C\_n78A  DC\_7A\_n1A  DC\_7A\_n78A9 |
| DC\_3A-7A\_n1A-n78(2A)2  DC\_3C-7A\_n1A-n78(2A)2 | DC\_3A\_n1A  DC\_3C\_n1A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n1A  DC\_7A\_n78A |
| DC\_3A-3A-7A\_n1A-n78A2, 9 | DC\_3A\_n1A  DC\_3A\_n78A9  DC\_7A\_n1A  DC\_7A\_n78A9 |
| DC\_3A-7A-7A\_n1A-n78A2, 9 | DC\_3A\_n1A  DC\_3A\_n78A9  DC\_7A\_n1A  DC\_7A\_n78A9 |
| DC\_3A-3A-7A-7A\_n1A-n78A2, 9 | DC\_3A\_n1A  DC\_3A\_n78A9  DC\_7A\_n1A  DC\_7A\_n78A9 |
| DC\_3A-7C\_n1A-n78A  DC\_3C-7C\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3C\_n1A  DC\_3C\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_7C\_n1A  DC\_7C\_n78A |
| DC\_3A-7C\_n1A-n78(2A)2  DC\_3C-7C\_n1A-n78(2A)2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3C\_n1A  DC\_3C\_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\_n1A-n75A | DC\_3A\_n1A  DC\_7A\_n1A |
| DC\_3C-7A\_n1A-n75A | DC\_3C\_n1A  DC\_3A\_n1A  DC\_7A\_n1A |
| 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-n40A | DC\_3A\_n5A  DC\_3A\_n40A  DC\_7A\_n5A  DC\_7A\_n40A |
| DC\_3A-7A\_n5A-n78A9  DC\_3A-7C\_n5A-n78A9  DC\_3C-7A\_n5A-n78A9  DC\_3C-7C\_n5A-n78A9 | DC\_3A\_n5A  DC\_3A\_n78A9  DC\_3C\_n78A9  DC\_7A\_n5A  DC\_7C\_n5A  DC\_7A\_n78A9  DC\_7C\_n78A9 |
| DC\_3A-7A\_n7A-n78A2 | DC\_3A\_n7A  DC\_7A\_n7A4  DC\_3A\_n78A  DC\_7A\_n78A |
| 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 |
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| DC\_3A-7A-7A-8A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_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, 9  DC\_3A-7A-8B\_n78A2  DC\_3C-7A-8A\_n78A | DC\_3A\_n78A9  DC\_3C\_n78A  DC\_7A\_n78A 9  DC\_8A\_n78A9  DC\_8B\_n78A |
| DC\_3A-7A-8A\_n78(2A) | DC\_3A\_n78A,  DC\_7A\_n78A,  DC\_8A\_n78A |
| DC\_3A-3A-7A-8A\_n78A2, 9  DC\_3A-3A-7A-8B\_n78A2 | DC\_3A\_n78A9  DC\_7A\_n78A9  DC\_8A\_n78A9  DC\_8B\_n78A |
| DC\_3A-7A-7A-8A\_n78A2, 9  DC\_3A-7A-7A-8B\_n78A2 | DC\_3A\_n78A9  DC\_7A\_n78A9  DC\_8A\_n78A9  DC\_8B\_n78A |
| DC\_3A-3A-7A-7A-8A\_n78A2, 9  DC\_3A-3A-7A-7A-8B\_n78A2 | DC\_3A\_n78A9  DC\_7A\_n78A9  DC\_8A\_n78A9  DC\_8B\_n78A |
| DC\_3A-7A\_n8A-n78A2 | DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_3A-3A-7A\_n8A-n78A2 | DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_3A-7A-7A\_n8A-n78A2 | DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_3A-3A-7A-7A\_n8A-n78A2 | DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A |
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| DC\_3A-7A-20A\_n3A | DC\_3A\_n3A  DC\_7A\_n3A  DC\_20A\_n3A |
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| DC\_3A-7A-20A\_n28A3,8,14  DC\_3C-7A-20A\_n28A3 | DC\_3A\_n28A  DC\_7A\_n28A  DC\_3C\_n28A  DC\_20A\_n28A |
| DC\_3A-7A-20A\_n38A12,13 | CA\_3A-20A |
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| DC\_3A-7A-7A-20A\_n78A2 | DC\_3A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_3A-7A-20A\_n78(2A) | DC\_3A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_3A-7A-26A\_n78A DC\_3C-7A-26A\_n78A DC\_3A-7C-26A\_n78A DC\_3C-7C-26A\_n78A | DC\_3A\_n78A DC\_7A\_n78A DC\_26A\_n78A |
| DC\_3A-7A-26A\_n78(2A)  DC\_3A-7C-26A\_n78(2A) | DC\_3A\_n78A  DC\_7A\_n78A  DC\_26A\_n78A |
| DC\_3A-7A\_n26A-n78A | DC\_3A\_n78A DC\_7A\_n78A DC\_3A\_n26A DC\_7A\_n26A |
| DC\_3C-7A-26A\_n78(2A)  DC\_3C-7C-26A\_n78(2A) | DC\_3A\_n78A  DC\_7A\_n78A  DC\_26A\_n78A |
| DC\_3A-7C\_n26A-n78A | DC\_3A\_n78A DC\_7A\_n78A DC\_7C\_n78A DC\_3A\_n26A DC\_7A\_n26A DC\_7C\_n26A |
| DC\_3C-7A\_n26A-n78A | DC\_3A\_n78A DC\_3C\_n78A DC\_7A\_n78A DC\_3A\_n26A DC\_3C\_n26A DC\_7A\_n26A |
| DC\_3C-7C\_n26A-n78A | DC\_3A\_n78A DC\_3C\_n78A DC\_7A\_n78A DC\_7C\_n78A DC\_3A\_n26A DC\_3C\_n26A DC\_7A\_n26A DC\_7C\_n26A |
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| 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\_7A\_n5A  DC\_7C\_n5A  DC\_28A\_n5A |
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| DC\_3A-3A-7A-28A\_n7A | DC\_3A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_3A-7A-28A\_n38A | 3A17  28A17 |
| DC\_3A-7A-28A\_n40A | DC\_3A\_n40A  DC\_7A\_n40A  DC\_28A\_n40A |
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| DC\_3A-7A-28A\_n78(2A)  DC\_3A-7C-28A\_n78(2A)  DC\_3C-7A-28A\_n78(2A)2  DC\_3C-7C-28A\_n78(2A)2 | DC\_3A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
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| DC\_3A-7A-32A\_n28A  DC\_3C-7A-32A\_n28A | DC\_3A\_n28A  DC\_3C\_n28A  DC\_7A\_n28A |
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| DC\_3A-7A-38A\_n28A10  DC\_3C-7A-38A\_n28A10 | DC\_3A\_n28A  DC\_3C\_n28A |
| DC\_3A-7A-38A\_n78A10  DC\_3C-7A-38A\_n78A10 | DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_3A-7A\_n38A-n78A | DC\_3A\_n78A |
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| DC\_3A-7A\_n40A-n77A | DC\_3A\_n40A  DC\_3A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_3A-7A-7A\_n40A-n77A | DC\_3A\_n40A  DC\_3A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_3A-7A-7A\_n40A-n77(2A) | DC\_3A\_n40A  DC\_3A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_3A-7A\_n40A-n77(2A) | DC\_3A\_n40A  DC\_3A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| 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-7A\_n40A-n78C | DC\_3A\_n40A  DC\_3A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A |
| DC\_3A-7A\_n75A-n78A | DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_3A-7A\_n78A-n105A | DC\_3A\_n78A  DC\_3A\_n105A  DC\_7A\_n78A  DC\_7A\_n105A |
| 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-n28A | DC\_3A\_n1A  DC\_8A\_n1A  DC\_3A\_n28A  DC\_8A\_n28A |
| DC\_3A-8A\_n1A-n40A | DC\_3A\_n1A  DC\_8A\_n1A  DC\_3A\_n40A  DC\_8A\_n40A |
| DC\_3A-8A\_n1A-n78A2,9 | DC\_3A\_n1A  DC\_3A\_n78A9  DC\_8A\_n1A  DC\_8A\_n78A9 |
| DC\_3A-3A-8A\_n1A-n78A2,9 | DC\_3A\_n1A  DC\_3A\_n78A9  DC\_8A\_n1A  DC\_8A\_n78A9 |
| DC\_(n)3AA-n8A-n77A  DC\_(n)3AA-n8A-n77(2A) | DC\_(n)3AA4  DC\_3A\_n8A  DC\_3A\_n77A |
| DC\_3A-8A-11A\_n28A | DC\_3A\_n28A  DC\_8A\_n28A  DC\_11A\_n28A |
| DC\_3A-8A-11A\_n77A2 | DC\_3A\_n77A  DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_3A-8A-11A\_n77(2A) 2  DC\_3A-8A-11A\_n77(3A)2 | DC\_3A\_n77A  DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_3A-8A-20A\_n1A | DC\_3A\_n1A  DC\_8A\_n1A  DC\_20A\_n1A |
| DC\_3A-8A-20A\_n28A  DC\_3C-8A-20A\_n28A | DC\_3A\_n28A  DC\_3C\_n28A  DC\_8A\_n28A  DC\_20A\_n28A |
| 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-28A\_n78A | DC\_3A\_n78A  DC\_8A\_n78A  DC\_28A\_n78A |
| DC\_3A-8A\_n28A-n78A2 | DC\_3A\_n28A  DC\_3A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_3A-8A-32A\_n1A | DC\_3A\_n1A  DC\_8A\_n1A |
| DC\_3A-8A-32A\_n28A  DC\_3C-8A-32A\_n28A | DC\_3A\_n28A  DC\_8A\_n28A |
| DC\_3A-8A-32A\_n78A | DC\_3A\_n78A  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\_n40A-n79A  DC\_3A-8A\_n40A-n79C | DC\_3A\_n40A  DC\_3A\_n79A  DC\_8A\_n40A  DC\_8A\_n79A |
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| DC\_3A-3A-8A-41A\_n1A  DC\_3A-3A-8A-41C\_n1A | DC\_3A\_n1A  DC\_8A\_n1A  DC\_41A\_n1A  DC\_41C\_n1A |
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| DC\_3A-3A-8A-41A\_n78A  DC\_3A-3A-8A-41C\_n78A | DC\_3A\_n78A  DC\_8A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_3A-8A-42A\_n77A7,8  DC\_3A-8A-42C\_n77A7,8 | DC\_3A\_n77A  DC\_8A\_n77A |
| DC\_3A-8A\_n77A-n79A | DC\_3A\_n77A  DC\_3A\_n79A  DC\_8A\_n77A  DC\_8A\_n79A |
| 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-n77A2 | DC\_3A\_n28A  DC\_3A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_3A-11A\_n28A-n77(2A) 2 | 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 |
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| 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-n77(2A) | 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\_n28A-n78(2A) | 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-n77(2A) | DC\_3A\_n41A  DC\_3A\_n77A  DC\_18A\_n41A  DC\_18A\_n77A |
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| DC\_3A-18A\_n41A-n78(2A) | DC\_3A\_n41A  DC\_3A\_n78A  DC\_18A\_n41A  DC\_18A\_n78A |
| DC\_3A-18A-42A\_n77A7,8  DC\_3A-18A-42C\_n77A7,8 | DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_3A-18A-42A\_n78A7,8  DC\_3A-18A-42C\_n78A7,8 | 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-n77A2 | DC\_3A\_n1A  DC\_3A\_n77A  DC\_19A\_n1A  DC\_19A\_n77A |
| DC\_3A-19A\_n1A-n78A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_19A\_n1A  DC\_19A\_n78A |
| DC\_3A-19A\_n1A-n79A2 | 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 |
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| DC\_3C-20A\_n1A-n75A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_20A\_n1A |
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| DC\_5A-7A-66A\_n77(2A) | DC\_5A\_n77A  DC\_7A\_n77A  DC\_66A\_n77A |
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| DC\_5A-7A\_n66A-n78A | DC\_5A\_n66A DC\_7A\_n66A DC\_5A\_n78A DC\_7A\_n78A |
| DC\_5A-30A-66A\_n2A  DC\_5A-30A-66A-66A\_n2A | DC\_5A\_n2A  DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_5A-30A-66A\_n5A  DC\_5A-30A-66A-66A\_n5A | DC\_30A\_n5A  DC\_66A\_n5A |
| DC\_5A-30A-66A\_n66A | DC\_5A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_5A-30A-66A\_n77A9  DC\_5A-30A-66A-66A\_n77A9 | DC\_5A\_n77A9  DC\_30A\_n77A9  DC\_66A\_n77A9 |
| DC\_5A-30A-66A\_n77(2A) 9 | DC\_5A\_n77A9  DC\_30A\_n77A9  DC\_66A\_n77A9 |
| 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\_n2A-n77A  DC\_5A-66A\_n2A-n77C | DC\_5A\_n2A  DC\_5A\_n77A  DC\_66A\_n2A  DC\_66A\_n77A |
| DC\_5A-66A-66A\_n2A-n77A | DC\_5A\_n2A  DC\_5A\_n77A  DC\_66A\_n2A  DC\_66A\_n77A |
| DC\_5A-66A\_n5A-n77A  DC\_5A-66A\_n5A-n77C | DC\_5A\_n77A  DC\_66A\_n5A  DC\_66A\_n77A |
| DC\_5A-66A-66A\_n5A-n77A | DC\_5A\_n77A  DC\_66A\_n5A  DC\_66A\_n77A |
| DC\_5A-48A-66A\_n77A**7,8,**9  DC\_5A-48A-66A\_n77C7,8,9  DC\_5A-48C-66A\_n77A**7,8,**9  DC\_5A-48C-66A\_n77C7,8,**9** | DC\_5A\_n77A DC\_66A\_n77A |
| DC\_5A-66A\_n2A-n78A | DC\_5A\_n2A DC\_66A\_n2A DC\_5A\_n78A DC\_66A\_n78A |
| DC\_5A-66A-(n)12AA | DC\_5A\_n12A  DC\_66A\_n12A  DC\_(n)12AA4 |
| DC\_5A-66A\_n66A-n77A9  DC\_5A-66A\_n66A-n77C9 | DC\_5A\_n66A  DC\_5A\_n77A9  DC\_66A\_n77A9 |
| DC\_7A\_n1A-n8A-n78A2 | DC\_7A\_n1A  DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_7A\_n1A-n75A-n78A | DC\_7A\_n1A  DC\_7A\_n78A |
| DC\_7A-7A\_n1A-n8A-n78A2 | DC\_7A\_n1A  DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_7A-8A\_n1A-n40A | DC\_7A\_n1A  DC\_8A\_n1A  DC\_7A\_n40A  DC\_8A\_n40A |
| DC\_7A-8A\_n1A-n78A2,9 | DC\_7A\_n1A  DC\_7A\_n78A9  DC\_8A\_n1A  DC\_8A\_n78A9 |
| DC\_7A-7A-8A\_n1A-n78A2,9 | DC\_7A\_n1A  DC\_7A\_n78A9  DC\_8A\_n1A  DC\_8A\_n78A9 |
| DC\_7A-8A-20A\_n1A | DC\_7A\_n1A  DC\_8A\_n1A  DC\_20A\_n1A |
| DC\_7A-8A-20A\_n3A | DC\_7A\_n3A  DC\_8A\_n3A  DC\_20A\_n3A |
| DC\_7A-8A-20A\_n28A9 | DC\_7A\_n28A |
| DC\_7A-8A-20A\_n78A | DC\_7A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A |
| DC\_7A-8A-32A\_n1A | DC\_7A\_n1A  DC\_8A\_n1A |
| DC\_7A-8A-32A\_n78A | DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_7A-8A-38A\_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\_n2A-n66A | DC\_7A\_n2A  DC\_7A\_n66A  DC\_12A\_n2A  DC\_12A\_n66A |
| DC\_7A-12A\_n2A-n77A | DC\_7A\_n2A  DC\_7A\_n77A  DC\_12A\_n2A  DC\_12A\_n77A |
| DC\_7A-12A\_n2A-n78A | DC\_7A\_n2A  DC\_12A\_n2A  DC\_7A\_n78A  DC\_12A\_n78A |
| DC\_7A-12A-66A\_n2A | DC\_7A\_n2A  DC\_12A\_n2A  DC\_66A\_n2A |
| DC\_7A-12A-66A\_n66A | DC\_7A\_n66A  DC\_12A\_n66A  DC\_66A\_n66A |
| DC\_7A-12A-66A\_n77A | DC\_7A\_n77A  DC\_12A\_n77A  DC\_66A\_n77A |
| DC\_7A-12A\_n66A-n77A | DC\_7A\_n66A  DC\_7A\_n77A  DC\_12A\_n66A  DC\_12A\_n77A |
| DC\_7A-12A-66A\_n78A | DC\_7A\_n78A  DC\_12A\_n78A  DC\_66A\_n78A |
| DC\_7A-12A-66A\_n78(2A) | DC\_7A\_n78A  DC\_12A\_n78A  DC\_66A\_n78A |
| DC\_7A-12A\_n66A-n78A | DC\_7A\_n66A  DC\_12A\_n66A  DC\_7A\_n78A  DC\_12A\_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 |
| DC\_7A-7A-13A-66A\_n66A | DC\_7A\_n66A  DC\_13A\_n66A  DC\_66A\_n66A4 |
| DC\_7A-20A\_n1A-n75A | DC\_3A\_n1A  DC\_7A\_n1A |
| DC\_7A-20A\_n1A-n78A | DC\_7A\_n1A  DC\_7A\_n78A  DC\_20A\_n1A  DC\_20A\_n78A |
| DC\_7A-20A\_n3A-n38A | DC\_20A\_n3A |
| 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-28A\_n3A  DC\_7C-20A-28A\_n3A | DC\_7A\_n3A  DC\_20A\_n3A  DC\_28A\_n3A |
| 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\_n3A  DC\_7C-20A-32A\_n3A | DC\_7A\_n3A  DC\_20A\_n3A |
| DC\_7A-20A-32A\_n8A | DC\_7A\_n8A  DC\_20A\_n8A |
| DC\_7A-20A-32A\_n28A | DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_7A-20A-32A\_n78A | DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_7A-20A-38A\_n1A | DC\_20A\_n1A |
| DC\_7A-20A-38A\_n3A | DC\_20A\_n3A |
| DC\_7A-20A-38A\_n8A | DC\_20A\_n8A |
| DC\_7A-20A-38A\_n78A10 | DC\_20A\_n78A |
| DC\_7A-20A\_n38A-n78A15 | DC\_20A\_n78A |
| DC\_7A-25A-66A\_n77A  DC\_7C-25A-66A\_n77A | DC\_7A\_n77A  DC\_25A\_n77A  DC\_66A\_n77A |
| DC\_7A-7A-25A-66A\_n77A | DC\_7A\_n77A  DC\_25A\_n77A  DC\_66A\_n77A |
| DC\_7A-25A-25A-66A\_n77A  DC\_7C-25A-25A-66A\_n77A | DC\_7A\_n77A  DC\_25A\_n77A  DC\_66A\_n77A |
| DC\_7A-7A-25A-25A-66A\_n77A | DC\_7A\_n77A  DC\_25A\_n77A  DC\_66A\_n77A |
| DC\_7A-25A-66A\_n78A  DC\_7C-25A-66A\_n78A | DC\_7A\_n78A  DC\_25A\_n78A  DC\_66A\_n78A |
| DC\_7A-7A-25A-66A\_n78A | DC\_7A\_n78A  DC\_25A\_n78A  DC\_66A\_n78A |
| DC\_7A-25A-25A-66A\_n78A  DC\_7C-25A-25A-66A\_n78A | DC\_7A\_n78A  DC\_25A\_n78A  DC\_66A\_n78A |
| DC\_7A-7A-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-n40A | DC\_7A\_n5A  DC\_7A\_n40A  DC\_28A\_n5A  DC\_28A\_n40A |
| 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-32A\_n1A | DC\_7A\_n1A  DC\_28A\_n1A |
| DC\_7A-28A-32A\_n3A  DC\_7C-28A-32A\_n3A | DC\_7A\_n3A  DC\_28A\_n3A |
| DC\_7A-28A-38A\_n1A | DC\_28A\_n1A |
| DC\_7A-28A-38A\_n78A  DC\_7C-28A-38A\_n78A | DC\_28A\_n78A |
| DC\_7A-28A\_n38A-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\_7C-66A\_n38A-n78A | DC\_66A\_n38A  DC\_66A\_n78A |
| DC\_7A-7A-66A\_n38A-n78A | DC\_66A\_n38A  DC\_66A\_n78A |
| DC\_7A-28A-66A\_n7A | DC\_7A\_n7A4  DC\_28A\_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-29A-66A\_n78A  DC\_7C-29A-66A\_n78A | DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_7A-7A-29A-66A\_n78A | DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_7A-32A\_n1A-n78A | DC\_7A\_n1A  DC\_7A\_n78A |
| 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\_n40A-n78A-n105A | DC\_7A\_n40A  DC\_7A\_n78A  DC\_7A\_n105A |
| DC\_7A-66A\_n2A-n71A | DC\_7A\_n2A  DC\_7A\_n71A  DC\_66A\_n2A  DC\_66A\_n71A |
| DC\_7A-66A\_n2A-n77A | DC\_7A\_n2A  DC\_7A\_n77A  DC\_66A\_n2A  DC\_66A\_n77A |
| DC\_7A-66A\_n2A-n78A | DC\_7A\_n2A  DC\_66A\_n2A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_7A-66A\_n12A-n77A | DC\_7A\_n12A  DC\_7A\_n77A  DC\_66A\_n12A  DC\_66A\_n77 |
| DC\_7A-66A\_n12A-n78A | DC\_7A\_n12A  DC\_7A\_n78A  DC\_66A\_n12A  DC\_66A\_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-n71A | DC\_7A\_n66A  DC\_7A\_n71A  DC\_66A\_n66A4  DC\_66A\_n71A |
| DC\_7A-66A\_n66A-n77A  DC\_7C-66A\_n66A-n77A  DC\_7A-7A-66A\_n66A-n77A | DC\_7A\_n66A  DC\_7A\_n77A  DC\_66A\_n77A |
| DC\_7A-66A\_n66A-n78A  DC\_7C-66A\_n66A-n78A | DC\_7A\_n66A  DC\_7A\_n78A  DC\_66A\_n66A4  DC\_66A\_n78A |
| DC\_7A-7A-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\_n66A | DC\_7A\_n66A  DC\_66A\_n66A4  DC\_71A\_n66A |
| DC\_7A-66A-71A\_n77A | DC\_7A\_n77A  DC\_66A\_n77A  DC\_71A\_n77A |
| DC\_7A-66A\_n71A-n77A | DC\_7A\_n71A  DC\_7A\_n77A  DC\_66A\_n71A  DC\_66A\_n77A |
| DC\_7A-66A-71A\_n78A | DC\_7A\_n78A  DC\_66A\_n78A  DC\_71A\_n78A |
| DC\_7A-66A-71A\_n78(2A) | DC\_7A\_n78A  DC\_66A\_n78A  DC\_71A\_n78A |
| DC\_7A-66A\_n71A-n78A | DC\_7A\_n71A DC\_66A\_n71A DC\_7A\_n78A DC\_66A\_n78A |
| DC\_7A-71A\_n2A-n66A | DC\_7A\_n2A  DC\_7A\_n66A  DC\_71A\_n2A  DC\_71A\_n66A |
| DC\_7A-71A\_n2A-n77A | DC\_7A\_n2A  DC\_7A\_n77A  DC\_71A\_n2A  DC\_71A\_n77A |
| DC\_7A-71A\_n2A-n78A | DC\_7A\_n2A DC\_71A\_n2A DC\_7A\_n78A DC\_71A\_n78A |
| DC\_7A-71A\_n66A-n77A | DC\_7A\_n66A  DC\_7A\_n77A  DC\_71A\_n66A  DC\_71A\_n77A |
| DC\_7A-71A\_n66A-n78A | DC\_7A\_n66A DC\_71A\_n66A DC\_7A\_n78A DC\_71A\_n78A |
| DC\_8A\_n1A-n3A-n77A | DC\_8A\_n1A  DC\_8A\_n3A  DC\_8A\_n77A |
| DC\_8A-(n)3AA-n77A | DC\_8A\_n3A DC\_8A\_n77A DC\_(n)3AA4 DC\_3A\_n77A |
| DC\_8A-(n)3AA-n77(2A) | DC\_8A\_n3A DC\_8A\_n77A DC\_(n)3AA4 DC\_3A\_n77A |
| DC\_8A\_n3A-n28A-n77A2 | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_8A\_n3A-n28A-n77(2A)2 | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_8A\_n3A-n28A-n79A | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n79A |
| DC\_8A\_n3A-n77A-n79A | DC\_8A\_n3A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_8A\_n3A-n77(2A)-n79A | DC\_8A\_n3A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_8A-(n)3AA-n77A  DC\_8A-(n)3AA-n77(2A) | DC\_3A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A |
| DC\_8A-11A\_n1A-n77A | DC\_8A\_n1A  DC\_8A\_n77A  DC\_11A\_n1A  DC\_11A\_n77A |
| DC\_8A-11A\_n1A-n77(2A) | DC\_8A\_n1A  DC\_8A\_n77A  DC\_11A\_n1A  DC\_11A\_n77A |
| DC\_8A-11A\_n3A-n28A | DC\_8A\_n3A  DC\_8A\_n28A  DC\_11A\_n3A  DC\_11A\_n28A |
| DC\_8A-11A\_n3A-n77A2 | DC\_8A\_n3A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_8A-11A\_n3A-n77(2A) 2 | DC\_8A\_n3A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_8A-11A\_n3A-n79A | DC\_8A\_n3A  DC\_8A\_n79A  DC\_11A\_n3A  DC\_11A\_n79A |
| DC\_8A-11A\_n28A-n77A2 | DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_8A-11A\_n28A-n77(2A) 2 | DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_8A-11A\_n77A-n79A | DC\_8A\_n77A  DC\_8A\_n79A  DC\_11A\_n77A  DC\_11A\_n79A |
| DC\_8A-11A\_n77(2A)-n79A | DC\_8A\_n77A  DC\_8A\_n79A  DC\_11A\_n77A  DC\_11A\_n79A |
| DC\_8A-20A-28A\_n3A | DC\_8A\_n3A  DC\_20A\_n3A  DC\_28A\_n3A |
| DC\_8A-20A-28A\_n78A | DC\_8A\_n78A  DC\_20A\_n78A  DC\_28A\_n78A |
| DC\_8A-20A-32A\_n1A | DC\_8A\_n1A  DC\_20A\_n1A |
| DC\_8A-20A-32A\_n3A | DC\_8A\_n3A  DC\_20A\_n3A |
| DC\_8A\_n28A-n77A-n79A | DC\_8A\_n28A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_8A-20A-38A\_n1A | DC\_8A\_n1A  DC\_20A\_n1A  DC\_38A\_n1A |
| DC\_8A-32A-38A\_n1A | DC\_8A\_n1A  DC\_38A\_n1A |
| 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\_n39A-n41A-n79A | DC\_8A\_n39A  DC\_8A\_n41A DC\_8A\_n79A |
| DC\_8A\_n40A-n41A-n79A | DC\_8A\_n40A  DC\_8A\_n41A  DC\_8A\_n79A |
| DC\_8A-41A\_n1A-n3A | DC\_8A\_n1A  DC\_8A\_n3A  DC\_41A\_n1A  DC\_41A\_n3A |
| DC\_8A-41C\_n1A-n3A | DC\_8A\_n1A  DC\_8A\_n3A  DC\_41A\_n1A  DC\_41A\_n3A |
| DC\_8A-41A\_n1A-n77A | DC\_8A\_n1A  DC\_8A\_n77A  DC\_41A\_n1A  DC\_41A\_n77A |
| DC\_8A-41C\_n1A-n77A | DC\_8A\_n1A  DC\_8A\_n77A  DC\_41A\_n1A  DC\_41A\_n77A |
| 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-41A\_n1A-n78A | DC\_8A\_n1A  DC\_8A\_n78A  DC\_41A\_n1A  DC\_41A\_n78A |
| DC\_8A-41C\_n1A-n78A | DC\_8A\_n1A  DC\_8A\_n78A  DC\_41A\_n1A  DC\_41A\_n78A |
| DC\_8A-41A\_n3A-n77A | DC\_8A\_n3A  DC\_8A\_n77A  DC\_41A\_n3A  DC\_41A\_n77A |
| DC\_8A-41C\_n3A-n77A | DC\_8A\_n3A  DC\_8A\_n77A  DC\_41A\_n3A  DC\_41C\_n3A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_8A-42A\_n1A-n3A | DC\_8A\_n1A  DC\_8A\_n3A  DC\_42A\_n1A  DC\_42A\_n3A |
| DC\_8A-42C\_n1A-n3A | DC\_8A\_n1A  DC\_8A\_n3A  DC\_42A\_n1A  DC\_42C\_n1A  DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_8A-42A\_n1A-n77A | DC\_8A\_n1A  DC\_8A\_n77A  DC\_42A\_n1A |
| DC\_8A-42C\_n1A-n77A | DC\_8A\_n1A  DC\_8A\_n77A  DC\_42A\_n1A  DC\_42C\_n1A |
| DC\_8A-42A\_n3A-n28A2 | DC\_8A\_n3A  DC\_8A\_n28A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_8A-42C\_n3A-n28A2 | 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\_11A\_n3A-n28A-n77A2 | DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_11A\_n3A-n28A-n77(2A) 2 | DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_11A\_n3A-n77A-n79A | DC\_11A\_n3A  DC\_11A\_n77A  DC\_11A\_n79A |
| DC\_11A\_n3A-n77(2A)-n79A | DC\_11A\_n3A  DC\_11A\_n77A  DC\_11A\_n79A |
| DC\_12A-30A-66A\_n2A | DC\_12A\_n2A  DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_12A-30A-66A-66A\_n2A | DC\_12A\_n2A  DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_12A-30A-66A\_n66A | DC\_12A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_12A-30A-66A\_n77A9  DC\_12A-30A-66A-66A\_n77A9 | DC\_12A\_n77A9  DC\_30A\_n77A9  DC\_66A\_n77A9 |
| DC\_12A-30A-66A\_n77(2A) 9 | DC\_12A\_n77A9  DC\_30A\_n77A9  DC\_66A\_n77A9 |
| 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\_12A-66A\_n2A-n41A | DC\_12A\_n2A  DC\_12A\_n41A  DC\_66A\_n2A  DC\_66A\_n41A |
| DC\_12A-66A\_n2A-n77A | DC\_12A\_n2A  DC\_12A\_n77A  DC\_66A\_n2A  DC\_66A\_n77A |
| DC\_12A-66A\_n2A-n78A | DC\_12A\_n2A DC\_66A\_n2A DC\_12A\_n78A DC\_66A\_n78A |
| DC\_12A-66A\_n66A-n77A | DC\_12A\_n66A  DC\_12A\_n77A  DC\_66A\_n66A4  DC\_66A\_n77A |
| DC\_13A-48A-66A\_n77A9  DC\_13A-48C-66A\_n77A9  DC\_13A-48A-66A\_n77C9  DC\_13A-48C-66A\_n77C9 | DC\_13A\_n77A9  DC\_66A\_n77A9 |
| DC\_13A-66A\_n2A-n77A9  DC\_13A-66A-66A\_n2A-n77A9  DC\_13A-66A\_n2A-n77C9 | 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\_n5A-n77A9  DC\_13A-66A-66A\_n5A-n77A9  DC\_13A-66A\_n5A-n77C9  DC\_13A-66A-66A\_n5A-n77C9 | DC\_66A\_n5A  DC\_13A\_n77A DC\_66A\_n77A |
| DC\_13A-66A\_n66A-n77A9  DC\_13A-66A\_n66A-n77C | DC\_13A\_n66A  DC\_13A\_n77A9  DC\_66A\_n77A9 |
| DC\_14A-30A-66A\_n2A | DC\_14A\_n2A  DC\_30A\_n2A  DC\_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\_14A-30A-66A\_n77A9  DC\_14A-30A-66A-66A\_n77A9 | DC\_14A\_n77A9  DC\_30A\_n77A9  DC\_66A\_n77A9 |
| DC\_14A-30A-66A\_n77(2A) 9 | DC\_14A\_n77A9  DC\_30A\_n77A9  DC\_66A\_n77A9 |
| 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-n77A2 | DC\_19A\_n1A  DC\_19A\_n77A  DC\_21A\_n1A  DC\_21A\_n77A |
| DC\_19A-21A\_n1A-n78A2 | DC\_19A\_n1A  DC\_19A\_n78A  DC\_21A\_n1A  DC\_21A\_n78A |
| DC\_19A-21A\_n1A-n79A2 | DC\_19A\_n1A  DC\_19A\_n79A  DC\_21A\_n1A  DC\_21A\_n79A |
| DC\_19A-21A-42A\_n1A2  DC\_19A-21A-42C\_n1A2 | DC\_19A\_n1A  DC\_21A\_n1A  DC\_42A\_n1A |
| DC\_19A-21A-42A\_n77A9  DC\_19A-21A-42A\_n77C  DC\_19A-21A-42C\_n77A9  DC\_19A-21A-42C\_n77C | DC\_19A\_n77A9  DC\_21A\_n77A9 |
| DC\_19A-21A-42A\_n78A9  DC\_19A-21A-42A\_n78C  DC\_19A-21A-42C\_n78A9  DC\_19A-21A-42C\_n78C | DC\_19A\_n78A9  DC\_21A\_n78A9 |
| DC\_19A-21A-42A\_n79A9  DC\_19A-21A-42A\_n79C  DC\_19A-21A-42C\_n79A9  DC\_19A-21A-42C\_n79C | DC\_19A\_n79A9  DC\_21A\_n79A9 |
| 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\_20A\_n1A-n28A-n75A | DC\_20A\_n1A  DC\_20A\_n28A |
| DC\_20A-(n)3AA-n67A | DC\_(n)3AA4  DC\_20A\_n3A |
| DC\_20A-28A-32A\_n1A | DC\_20A\_n1A  DC\_28A\_n1A |
| DC\_20A-28A-32A\_n3A | DC\_20A\_n3A  DC\_28A\_n3A |
| DC\_20A-28A-38A\_n1A | DC\_20A\_n1A  DC\_28A\_n1A  DC\_38A\_n1A |
| DC\_20A-32A\_n1A-n28A | DC\_20A\_n1A  DC\_20A\_n28A |
| DC\_20A-32A-38A\_n1A | DC\_20A\_n1A  DC\_38A\_n1A |
| DC\_20A-38A\_n3A-n78A | DC\_20A\_n3A  DC\_20A\_n78A  DC\_38A\_n3A  DC\_38A\_n78A |
| DC\_20A-41A\_n1A-n78A | DC\_20A\_n1A  DC\_20A\_n78A  DC\_41A\_n1A  DC\_41A\_n78A |
| DC\_20A-41C\_n1A-n78A | DC\_20A\_n1A  DC\_20A\_n78A  DC\_41A\_n1A  DC\_41A\_n78A |
| DC\_20A-67A-(n)3AA | DC\_(n)3AA4  DC\_20A\_n3A |
| 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\_n5A-n40A-n78A | DC\_28A\_n5A  DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_28A-32A-38A\_n1A | DC\_28A\_n1A  DC\_38A\_n1A |
| 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\_29A-30A-66A\_n77A9 | DC\_30A\_n77A9  DC\_66A\_n77A9 |
| DC\_30A-66A-(n)5AA | DC\_30A\_n5A  DC\_66A\_n5A  DC\_(n)5AA4 |
| DC\_42A\_n1A-n77A-n79A7,8 | N/A |
| DC\_42A\_n1A-n78A-n79A7,8 | N/A |
| DC\_42A\_n3A-n28A-n77A7,8 | DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_42A\_n3A-n28A-n77(2A)7,8 | DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_42C\_n3A-n28A-n77A7,8 | DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_42C\_n3A-n28A-n77(2A)7,8 | 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 |
| DC\_66A-71A\_n2A-n41A | DC\_66A\_n2A  DC\_66A\_n41A  DC\_71A\_n2A  DC\_71A\_n41A |
| DC\_66A-71A\_n2A-n77A | DC\_66A\_n2A  DC\_66A\_n77A  DC\_71A\_n2A  DC\_71A\_n77A |
| DC\_66A-71A\_n2A-n78A | DC\_66A\_n2A DC\_71A\_n2A DC\_66A\_n78A DC\_71A\_n78A |
| DC\_66A-71A\_n66A-n77A | DC\_66A\_n66A4  DC\_66A\_n77A  DC\_71A\_n66A  DC\_71A\_n77A |
| 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 non-contiguous EN-DC apply for the Band 42/48 and Band n77/n78 combination. For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, when UE capability *interBandContiguousMRDC* is indicated, the minimum requirements for intra-band-contiguous EN-DC also should be met in addtion to intra-band non-contiguous EN-DC*.*  NOTE 8: 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.  NOTE 9: Minimum requirements for PC2 are applicable for this uplink EN-DC configuration in this downlink/uplink EN-DC configuration.  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.  NOTE 11: The implementation with 3 low-band antennas is targeted for FWA form factor for this band combination in Release 17.  NOTE 12: Void.  NOTE 13: Power imbalance between downlink carriers on Band 7 and band n38 is assumed to be within 6dB. The power spectral density imbalance condition also applies for these carriers when applicable EN-DC configuration is a subset of a higher order EN-DC configuration.  NOTE 14: For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, the minimum requirements apply for synchronized DL carriers with a maximum receive time difference ≤ 3 usec between overlapping or partially overlapping DL bands contained in different cell groups.  NOTE 15: Band 7 and Band n38 are restricted as DL Scell. Power imbalance between downlink carriers on Band 7 and Band 38 is assumed to be within 6dB.  NOTE 16: UL carrier shall be supported in Band 1 or band 28 only. Power imbalance between downlink carriers on Band 7 and Band 38 is assumed to be within 6dB.  NOTE 17: UL carrier shall be supported in Band 3 or band 28 only. 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-(n)3AA-n8A-n77A | DC\_1A\_n3A  DC\_1A\_n8A  DC\_1A\_n77A  DC\_(n)3AA3  DC\_3A\_n8A  DC\_3A\_n77A |
| DC\_1A-3A-5A-7A\_n40A | DC\_1A\_n40A  DC\_3A\_n40A  DC\_5A\_n40A  DC\_7A\_n40A |
| DC\_1A-3A-5A-7A-7A\_n40A | DC\_1A\_n40A  DC\_3A\_n40A  DC\_5A\_n40A  DC\_7A\_n40A |
| DC\_1A-3A-5A-7A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_1A-3A-5A-7A\_n77(2A)  DC\_1A-3A-5A-7A\_n77(3A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_1A-3A-5A-7A-7A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_1A-3A-5A-7A-7A\_n77(2A)  DC\_1A-3A-5A-7A-7A\_n77(3A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_1A-3A-5A-7A\_n78A  DC\_1A-3C-5A-7A\_n78A  DC\_1A-3A-5A-7A\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-5A-7A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-5A-7A\_n78(A-C) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-5A-7A-7A\_n78A  DC\_1A-3A-5A-7A-7A\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-5A-7A-7A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-5A-7A-7A\_n78(A-C) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-1A-3A-5A-7A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-5A\_n40A-n77A | DC\_1A\_n40A  DC\_1A\_n77A  DC\_3A\_n40A  DC\_3A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A |
| DC\_1A-3A-5A\_n40A-n77(2A) | DC\_1A\_n40A  DC\_1A\_n77A  DC\_3A\_n40A  DC\_3A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A |
| DC\_1A-3A-5A\_n40A-n78A  DC\_1A-3A-5A\_n40A-n78C | DC\_1A\_n40A  DC\_1A\_n78A  DC\_3A\_n40A  DC\_3A\_n78A  DC\_5A\_n40A  DC\_5A\_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-n40A | DC\_1A\_n5A  DC\_1A\_n40A  DC\_3A\_n5A  DC\_3A\_n40A  DC\_7A\_n5A  DC\_7A\_n40A |
| 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\_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-3C-7A-8A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_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-3A-7A-20A\_n78C2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-7A-20A\_n78(2A)2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-7A-26A\_n78A DC\_1A-3C-7A-26A\_n78A DC\_1A-3A-7C-26A\_n78A DC\_1A-3C-7C-26A\_n78A | DC\_1A\_n78A DC\_3A\_n78A DC\_7A\_n78A DC\_26A\_n78A |
| DC\_1A-3A-7A-26A\_n78(2A)  DC\_1A-3A-7C-26A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_26A\_n78A |
| DC\_1A-3C-7A-26A\_n78(2A)  DC\_1A-3C-7C-26A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_26A\_n78A |
| DC\_1A-3A-7A\_n26A-n78A | DC\_1A\_n26A DC\_1A\_n78A DC\_3A\_n26A DC\_3A\_n78A DC\_7A\_n26A DC\_7A\_n78A |
| DC\_1A-3C-7A\_n26A-n78A | DC\_1A\_n26A DC\_1A\_n78A DC\_3A\_n26A DC\_3C\_n26A DC\_3A\_n78A DC\_3C\_n78A DC\_7A\_n26A DC\_7A\_n78A |
| DC\_1A-3A-7C\_n26A-n78A | DC\_1A\_n26A DC\_1A\_n78A DC\_3A\_n26A DC\_3A\_n78A DC\_7A\_n26A DC\_7C\_n26A DC\_7A\_n78A DC\_7C\_n78A |
| DC\_1A-3C-7C\_n26A-n78A | DC\_1A\_n26A DC\_1A\_n78A DC\_3A\_n26A DC\_3C\_n26A DC\_3A\_n78A DC\_3C\_n78A DC\_7A\_n26A DC\_7C\_n26A DC\_7A\_n78A DC\_7C\_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\_7A\_n5A  DC\_7C\_n5A  DC\_28A\_n5A |
| DC\_1A-3A-7A-28A\_n7A  DC\_1A-3C-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-1A-3A-7A-28A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_1A-1A-3A-3A-7A-28A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_1A-3A-7A-28A\_n38A | 1A7  3A7  28A7 |
| DC\_1A-3A-7A\_n28A-n38A | DC\_1A\_n28A7  DC\_3A\_n28A7 |
| 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\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-7A-28A\_n78(2A)  DC\_1A-3A-7C-28A\_n78(2A)  DC\_1A-3C-7A-28A\_n78(2A)  DC\_1A-3C-7C-28A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_1A-1A-3A-7A-28A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_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\_3C\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_7C\_n28A  DC\_7C\_n78A |
| DC\_1A-3A-7A-32A\_n28A  DC\_1A-3C-7A-32A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_3C\_n28A  DC\_7A\_n28A |
| DC\_1A-3A-7A-32A\_n78A  DC\_1A-3C-7A-32A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-7A-38A\_n28A7  DC\_1A-3C-7A-38A\_n28A7 | DC\_1A\_n28A  DC\_3A\_n28A  DC\_3C\_n28A |
| DC\_1A-3A-7A-38A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3A-7A\_n38A-n78A7 | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3A-7A-40A\_n78A  DC\_1A-3A-7A-40C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-7A-40A\_n78(2A)  DC\_1A-3A-7A-40C\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-7A\_n40A-n77A | DC\_1A\_n40A  DC\_1A\_n77A  DC\_3A\_n40A  DC\_3A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_1A-3A-7A\_n40A-n77(2A) | DC\_1A\_n40A  DC\_1A\_n77A  DC\_3A\_n40A  DC\_3A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_1A-3A-7A-7A\_n40A-n77A | DC\_1A\_n40A  DC\_1A\_n77A  DC\_3A\_n40A  DC\_3A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_1A-3A-7A-7A\_n40A-n77(2A) | DC\_1A\_n40A  DC\_1A\_n77A  DC\_3A\_n40A  DC\_3A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_1A-3A-7A\_n75A-n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-7A\_n78A-n105A | DC\_1A\_n78A  DC\_1A\_n105A  DC\_3A\_n78A  DC\_3A\_n105A  DC\_7A\_n78A  DC\_7A\_n105A |
| DC\_1A-3A-8A-40A\_n78A  DC\_1A-3A-8A-40C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-8A-40A\_n78(2A)  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-3A-7A\_n40A-n78C | 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\_n77A2  DC\_1A-3A-8A-11A\_n77(2A) 2  DC\_1A-3A-8A-11A\_n77(3A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_1A-3A-8A-20A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-8A\_n28A-n77A2  DC\_1A-3A-8A\_n28A-n77(2A) 2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_1A-3A-8A-28A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-8A\_n28A-n78A2 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_1A-3A-8A-32A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A |
| 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\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A  DC\_3A\_n77A  DC\_3A\_n79A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_1A-3A-11A\_n28A-n77A2 | 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) 2 | 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\_n3A4  DC\_3A\_n41A  DC\_18A\_n3A  DC\_18A\_n41A |
| DC\_1A-3A-18A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_3A\_n3A4  DC\_3A\_n77A  DC\_18A\_n3A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_3A\_n3A4  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\_n28A  DC\_1A\_n77A  DC\_3A\_n28A1  DC\_3A\_n77A  DC\_18A\_n28A  DC\_18A\_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\_n28A  DC\_1A\_n78A  DC\_3A\_n28A1  DC\_3A\_n78A  DC\_18A\_n28A  DC\_18A\_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\_n77A5,6,8  DC\_1A-3A-19A-42A\_n77C5,6  DC\_1A-3A-19A-42C\_n77A5,6,8  DC\_1A-3A-19A-42C\_n77C5,6 | DC\_1A\_n77A8  DC\_3A\_n77A8  DC\_19A\_n77A8 |
| DC\_1A-3A-19A-42A\_n78A5,6,8  DC\_1A-3A-19A-42A\_n78C5,6  DC\_1A-3A-19A-42C\_n78A5,6,8  DC\_1A-3A-19A-42C\_n78C5,6 | DC\_1A\_n78A8  DC\_3A\_n78A8  DC\_19A\_n78A8 |
| DC\_1A-3A-19A-42A\_n79A8  DC\_1A-3A-19A-42A\_n79C  DC\_1A-3A-19A-42C\_n79A8  DC\_1A-3A-19A-42C\_n79C | DC\_1A\_n79A8  DC\_3A\_n79A8  DC\_19A\_n79A8 |
| 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-n75A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_20A\_n28A |
| DC\_1A-3C-20A\_n28A-n75A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_3C\_n28A  DC\_20A\_n28A |
| DC\_1A-3A-20A-28A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-20A\_n28A-n78A2,3,6,11 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_1A-3A-20A-32A\_n28A6,11  DC\_1A-3C-20A-32A\_n28A,6,11 | DC\_1A\_n28A  DC\_3A\_n28A  DC\_3C\_n28A  DC\_20A\_n28A |
| DC\_1A-3A-20A-32A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-20A-38A\_n78A | DC\_1A\_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-38A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| 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\_n77A5,6,8  DC\_1A-3A-21A-42A\_n77C5,6  DC\_1A-3A-21A-42C\_n77A5,6,8  DC\_1A-3A-21A-42C\_n77C5,6 | DC\_1A\_n77A8  DC\_3A\_n77A8  DC\_21A\_n77A8 |
| DC\_1A-3A-21A-42A\_n78A5,6,8  DC\_1A-3A-21A-42A\_n78C5,6  DC\_1A-3A-21A-42C\_n78A5,6,8  DC\_1A-3A-21A-42C\_n78C5,6 | DC\_1A\_n78A8  DC\_3A\_n78A8  DC\_21A\_n78A8 |
| DC\_1A-3A-21A-42A\_n79A8  DC\_1A-3A-21A-42A\_n79C  DC\_1A-3A-21A-42C\_n79A8  DC\_1A-3A-21A-42C\_n79C | DC\_1A\_n79A8  DC\_3A\_n79A8  DC\_21A\_n79A8 |
| DC\_1A-3A-21A\_n77A-n79A | DC\_3A\_n77A  DC\_3A\_n79A |
| DC\_1A-3A-21A\_n78A-n79A | DC\_3A\_n78A  DC\_3A\_n79A |
| DC\_1A-3A-28A\_n3A-n78A2 | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_28A\_n3A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-28A\_n5A-n40A | DC\_1A\_n5A  DC\_1A\_n40A  DC\_3A\_n5A  DC\_3A\_n40A  DC\_28A\_n5A  DC\_28A\_n40A |
| DC\_1A-3A-28A\_n5A-n78A2  DC\_1A-3C-28A\_n5A-n78A2 | DC\_1A\_n5A  DC\_1A\_n78A  DC\_3A\_n5A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_1A-3A-28A-(n)7AA  DC\_1A-3C-28A-(n)7AA | DC\_1A\_n7A DC\_3A\_n7A DC\_28A\_n7A |
| DC\_1A-3A-28A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_28A\_n7A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A |
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| DC\_1A-3A-42C\_n28A-n77(2A)5,6 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-5A-7A\_n40A-n77A | DC\_1A\_n40A  DC\_1A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_1A-5A-7A\_n40A-n77(2A) | DC\_1A\_n40A  DC\_1A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
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| DC\_1A-5A-7A-7A\_n40A-n77(2A) | DC\_1A\_n40A  DC\_1A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
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| 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 |
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| DC\_1A-7A-8A-40A\_n78(2A)  DC\_1A-7A-8A-40C\_n78(2A) | DC\_1A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
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| DC\_1A-7A-20A-32A\_n28A | DC\_1A\_n28A  DC\_7A\_n28A  DC\_20A\_n28A |
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| DC\_1A-7A-28A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
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| DC\_1A-8A-(n)3AA-n77A  DC\_1A-8A-(n)3AA-n77(2A) | DC\_1A\_n3A DC\_1A\_n77A DC\_(n)3AA4 DC\_3A\_n77A DC\_8A\_n3A DC\_8A\_n77A |
| DC\_1A-8A\_n3A-n28A-n77A2 | 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) 2 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A |
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| DC\_1A-8A-11A\_n3A-n77(2A) 2 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
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| DC\_1A-8A-11A\_n28A-n77(2A) 2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
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| 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 |
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| DC\_1A-8A-42A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n28A |
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| 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 |
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| DC\_1A-11A\_n3A-n28A-n77(2A) 2 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
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| DC\_1A-11A\_n3A-n77(2A)-n79A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_1A\_n79A  DC\_11A\_n3A  DC\_11A\_n77A  DC\_11A\_n79A |
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| DC\_1A-21A-42A\_n78A-n79A5,6  DC\_1A-21A-42C\_n78A-n79A5,6 | DC\_1A\_n78A  DC\_1A\_n79A  DC\_21A\_n78A  DC\_21A\_n79A |
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| DC\_1A-42A\_n3A-n28A-n77(2A)5,6 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
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| DC\_2A-5A-66A\_n2A-n77A**8**  DC\_2A-5A-66A-66A\_n2A-n77A**8** | DC\_5A\_n2A  DC\_2A\_n77A**8**  DC\_5A\_n77A**8**  DC\_66A\_n2A  DC\_66A\_n77A8 |
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| DC\_2A-5A-66A\_n66A-n77A8 | DC\_2A\_n66A  DC\_2A\_n77A**8**  DC\_5A\_n66A  DC\_5A\_n77A**8**  DC\_66A\_n77A8 |
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| DC\_2A-12A-66A\_n2A-n78A | DC\_2A\_n2A4  DC\_2A\_n78A  DC\_12A\_n2A  DC\_12A\_n78A  DC\_66A\_n2A  DC\_66A\_n78A |
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| DC\_3A-5A-7A\_n40A-n77(2A) | DC\_3A\_n40A  DC\_3A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
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| DC\_3A-7A-8A-40A\_n78A  DC\_3A-7A-8A-40C\_n78A | DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_3A-7A-8A-40A\_n78(2A) | DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_3A-7A-8A-40C\_n78(2A) | DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
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| 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-n40A | DC\_3A\_n5A  DC\_3A\_n40A  DC\_7A\_n5A  DC\_7A\_n40A  DC\_28A\_n5A  DC\_28A\_n40A |
| 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\_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\_n38A-n78A | DC\_3A\_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-32A\_n1A-n78A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_3C-7A-32A\_n1A-n78A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_7A\_n1A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_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-7A\_n40A-n78A-n105A | DC\_3A\_n40A  DC\_3A\_n78A  DC\_3A\_n105A  DC\_7A\_n40A  DC\_7A\_n78A  DC\_7A\_n105A |
| DC\_3A-8A-11A\_n28A-n77A2 | 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) 2 | DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_3A-8A-20A-28A\_n78A | DC\_3A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A  DC\_28A\_n78A |
| DC\_3A-8A-40A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_3A-8A-40C\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_3A-8A-41A\_n1A-n78A  DC\_3A-3A-8A-41A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_41A\_n1A  DC\_41A\_n78A |
| DC\_3A-8A-41C\_n1A-n78A  DC\_3A-3A-8A-41C\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_41A\_n1A  DC\_41A\_n78A |
| DC\_3A-19A-21A-42A\_n77A5,6  DC\_3A-19A-21A-42A\_n77C5,6  DC\_3A-19A-21A-42C\_n77A5,6  DC\_3A-19A-21A-42C\_n77C5,6 | DC\_3A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_3A-19A-21A-42A\_n78A5,6  DC\_3A-19A-21A-42A\_n78C5,6  DC\_3A-19A-21A-42C\_n78A5,6  DC\_3A-19A-21A-42C\_n78C5,6 | DC\_3A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_3A-19A-21A-42A\_n79A  DC\_3A-19A-21A-42A\_n79C  DC\_3A-19A-21A-42C\_n79A  DC\_3A-19A-21A-42C\_n79C | DC\_3A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_3A-19A-42A\_n1A-n77A5,6  DC\_3A-19A-42C\_n1A-n77A5,6 | DC\_3A\_n1A  DC\_3A\_n77A  DC\_19A\_n1A  DC\_19A\_n77A |
| DC\_3A-19A-42A\_n1A-n78A5,6  DC\_3A-19A-42C\_n1A-n78A5,6 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_19A\_n1A  DC\_19A\_n78A |
| 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-20A\_n1A-n28A-n75A  DC\_3C-20A\_n1A-n28A-n75A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_20A\_n1A  DC\_3A\_n28A  DC\_3C\_n28A  DC\_20A\_n28A |
| DC\_3A-20A-32A\_n1A-n28A | DC\_3A\_n1A  DC\_20A\_n1A  DC\_3A\_n28A  DC\_20A\_n28A |
| DC\_3C-20A-32A\_n1A-n28A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_20A\_n1A  DC\_3A\_n28A  DC\_3C\_n28A  DC\_20A\_n28A |
| 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-7A\_n1A-n8A-n78A2 | DC\_3A\_n1A  DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_3A-3A-7A\_n1A-n8A-n78A2  DC\_3A-7A-7A\_n1A-n8A-n78A2  DC\_3A-3A-7A-7A\_n1A-n8A-n78A2 | DC\_3A\_n1A  DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_3A-20A-41A\_n1A-n78A  DC\_3A-3A-20A-41A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_20A\_n1A  DC\_20A\_n78A  DC\_41A\_n1A  DC\_41A\_n78A |
| DC\_3A-20A-41C\_n1A-n78A  DC\_3A-3A-20A-41C\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_20A\_n1A  DC\_20A\_n78A  DC\_41A\_n1A  DC\_41A\_n78A |
| 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-n77A5,6  DC\_3A-21A-42C\_n1A-n77A5,6 | DC\_3A\_n1A  DC\_3A\_n77A  DC\_21A\_n1A  DC\_21A\_n77A |
| DC\_3A-21A-42A\_n1A-n78A5,6  DC\_3A-21A-42C\_n1A-n78A5,6 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_21A\_n1A  DC\_21A\_n78A |
| DC\_3A-21A-42A\_n1A-n79A  DC\_3A-21A-42C\_n1A-n79A | DC\_3A\_n1A  DC\_3A\_n79A  DC\_21A\_n1A  DC\_21A\_n79A |
| DC\_3A-28A-41A-42A\_n78A5,6  DC\_3A-28A-41A-42C\_n78A5,6  DC\_3A-28A-41C-42A\_n78A5,6  DC\_3A-28A-41C-42C\_n78A5,6 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_5A-7A-66A\_n2A-n78A | DC\_5A\_n2A  DC\_5A\_n78A  DC\_7A\_n2A  DC\_7A\_n78A  DC\_66A\_n2A  DC\_66A\_n78A |
| DC\_7A-8A-20A-32A\_n1A | DC\_7A\_n1A  DC\_8A\_n1A  DC\_20A\_n1A |
| DC\_7A-8A-20A-38A\_n1A | DC\_8A\_n1A  DC\_20A\_n1A |
| DC\_7A-8A-32A-38A\_n1A | DC\_8A\_n1A |
| DC\_7A-8A-40A\_n1A-n78A | DC\_7A\_n1A  DC\_7A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| 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\_7A-12A-66A\_n2A-n78A | DC\_7A\_n2A  DC\_7A\_n78A  DC\_12A\_n2A  DC\_12A\_n78A  DC\_66A\_n2A  DC\_66A\_n78A |
| DC\_7A-20A-28A-32A\_n1A | DC\_7A\_n1A  DC\_20A\_n1A  DC\_28A\_n1A |
| DC\_7A-20A-28A-32A\_n3A  DC\_7C-20A-28A-32A\_n3A | DC\_7A\_n3A  DC\_20A\_n3A  DC\_28A\_n3A |
| DC\_7A-20A-28A-38A\_n1A | DC\_20A\_n1A  DC\_28A\_n1A |
| DC\_7A-20A-32A-38A\_n1A | DC\_20A\_n1A |
| DC\_7A-20A-38A\_n3A-n78A | DC\_20A\_n3A  DC\_20A\_n78A |
| DC\_7A-28A-32A-38A\_n1A | DC\_28A\_n1A |
| DC\_7A-66A-71A\_n2A-n78A | DC\_7A\_n2A  DC\_7A\_n78A  DC\_66A\_n2A  DC\_66A\_n78A  DC\_71A\_n2A  DC\_71A\_n78A |
| DC\_8A\_n3A-n28A-n77A-n79A | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_8A-11A\_n3A-n28A-n77A2 | 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) 2 | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_8A-11A\_n3A-n77A-n79A | DC\_8A\_n3A  DC\_8A\_n77A  DC\_8A\_n79A  DC\_11A\_n3A  DC\_11A\_n77A  DC\_11A\_n79A |
| DC\_8A-20A-32A-38A\_n1A | DC\_8A\_n1A  DC\_20A\_n1A  DC\_38A\_n1A |
| DC\_8A-42A\_n3A-n28A-n77A5,6 | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_8A-42A\_n3A-n28A-n77(2A)5,6 | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_8A-42C\_n3A-n28A-n77A5,6 | 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)5,6 | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_19A-21A-42A\_n1A-n77A5,6  DC\_19A-21A-42C\_n1A-n77A5,6 | DC\_19A\_n1A  DC\_19A\_n77A  DC\_21A\_n1A  DC\_21A\_n77A |
| DC\_19A-21A-42A\_n1A-n78A5,6  DC\_19A-21A-42C\_n1A-n78A5,6 | DC\_19A\_n1A  DC\_19A\_n78A  DC\_21A\_n1A  DC\_21A\_n78A |
| DC\_19A-21A-42A\_n1A-n79A  DC\_19A-21A-42C\_n1A-n79A | DC\_19A\_n1A  DC\_19A\_n79A  DC\_21A\_n1A  DC\_21A\_n79A |
| DC\_19A-21A-42A\_n77A-n79A5,6  DC\_19A-21A-42C\_n77A-n79A5,6 | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A-21A-42A\_n78A-n79A5,6  DC\_19A-21A-42C\_n78A-n79A5,6 | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_19A-42A\_n1A-n77A-n79A5,6 | DC\_19A\_n1A  DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A-42A\_n1A-n78A-n79A5,6 | DC\_19A\_n1A  DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_20A-28A-32A-38A\_n1A | DC\_20A\_n1A  DC\_28A\_n1A  DC\_38A\_n1A |
| 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 non-contiguous EN-DC apply for the Band 42 and Band n77/n78 combination. For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, when UE capability *interBandContiguousMRDC* is indicated, the minimum requirements for intra-band-contiguous EN-DC also should be met in addtion to intra-band non-contiguous EN-DC*.*  NOTE 6: 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.  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.  NOTE 8: Minimum requirements for PC2 are applicable for this uplink EN-DC configuration in this downlink/uplink EN-DC configurations.  NOTE 9: The implementation with 3 low-band antennas is targeted for FWA form factor for this band combination in Release 17.  NOTE 10: Void.  NOTE 11: For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, the minimum requirements apply for synchronized DL carriers with a maximum receive time difference ≤ 3 usec between overlapping or partially overlapping DL bands contained in different cell groups. | |

#### 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-5A-7A\_n40A-n77A | DC\_1A\_n40A  DC\_1A\_n77A  DC\_3A\_n40A  DC\_3A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_1A-3A-5A-7A\_n40A-n77(2A) | DC\_1A\_n40A  DC\_1A\_n77A  DC\_3A\_n40A  DC\_3A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_1A-3A-5A-7A-7A\_n40A-n77A | DC\_1A\_n40A  DC\_1A\_n77A  DC\_3A\_n40A  DC\_3A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_1A-3A-5A-7A-7A\_n40A-n77(2A) | DC\_1A\_n40A  DC\_1A\_n77A  DC\_3A\_n40A  DC\_3A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_1A-3A-5A-7A\_n40A-n78A  DC\_1A-3A-5A-7A\_n40A-n78C | DC\_1A\_n40A  DC\_1A\_n78A  DC\_3A\_n40A  DC\_3A\_n78A  DC\_5A\_n40A  DC\_5A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A |
| 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-32A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_1A-3A-7A-8A-40A\_n78A  DC\_1A-3A-7A-8A-40C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-7A-8A-40A\_n78(2A)  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-n78A2,3,6,7 | 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-20A-32A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-7A-20A-38A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-7A-20A\_n38A-n78A | DC\_1A\_n78A  DC\_3A\_n78A  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\_n3A  DC\_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-n40A | DC\_1A\_n5A  DC\_1A\_n40A  DC\_3A\_n5A  DC\_3A\_n40A  DC\_7A\_n5A  DC\_7A\_n40A  DC\_28A\_n5A  DC\_28A\_n40A |
| 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\_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\_n38A-n78A | DC\_1A\_n78A8  DC\_3A\_n78A8  DC\_28A\_n78A8 |
| 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-7A\_n40A-n78A-n105A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_1A\_n105A  DC\_3A\_n40A  DC\_3A\_n78A  DC\_3A\_n105A  DC\_7A\_n40A  DC\_7A\_n78A  DC\_7A\_n105A |
| DC\_1A-3A-8A-11A\_n28A-n77A2 | 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) 2 | 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-20A-28A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A  DC\_28A\_n78A |
| DC\_1A-7A-20A-28A-32A\_n3A  DC\_1A-7C-20A-28A-32A\_n3A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_20A\_n3A  DC\_28A\_n3A |
| DC\_1A-7A-20A-38A\_n3A-n78A | DC\_1A\_n3A  DC\_20A\_n3A  DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-8A\_n3A-n28A-n77A-n79A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_1A\_n79A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_1A-8A-11A\_n3A-n28A-n77A2 | 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) 2 | 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-n77A5,6 | 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)5,6 | 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-n77A5,6 | 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)5,6 | 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\_2A-5A-7A-66A\_n2A-n78A | DC\_2A\_n2A4  DC\_2A\_n78A  DC\_5A\_n2A  DC\_5A\_n78A  DC\_7A\_n2A  DC\_7A\_n78A  DC\_66A\_n2A  DC\_66A\_n78A |
| DC\_2A-7A-12A-66A\_n2A-n78A | DC\_2A\_n2A4  DC\_2A\_n78A  DC\_7A\_n2A  DC\_7A\_n78A  DC\_12A\_n2A  DC\_12A\_n78A  DC\_66A\_n2A  DC\_66A\_n78A |
| DC\_2A-7A-66A-71A\_n2A-n78A | DC\_2A\_n2A4  DC\_2A\_n78A  DC\_7A\_n2A  DC\_7A\_n78A  DC\_66A\_n2A  DC\_66A\_n78A  DC\_71A\_n2A  DC\_71A\_n78A |
| 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 |
| DC\_7A-8A-20A-32A-38A\_n1A | DC\_8A\_n1A  DC\_20A\_n1A |
| DC\_7A-20A-28A-32A-38A\_n1A | DC\_20A\_n1A  DC\_28A\_n1A |
| 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 non-contiguous EN-DC apply for the Band 42 and Band n77/n78 combination. For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, when UE capability *interBandContiguousMRDC* is indicated, the minimum requirements for intra-band-contiguous EN-DC also should be met in addtion to intra-band non-contiguous EN-DC*.*  NOTE 6: 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.  NOTE 7: For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, the minimum requirements apply for synchronized DL carriers with a maximum receive time difference ≤ 3 usec between overlapping or partially overlapping DL bands contained in different cell groups.  NOTE 8: 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. | |

## << Nextchange >>

#### 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-(n)3AA-n257A  DC\_1A-(n)3AA-n257G  DC\_1A-(n)3AA-n257H  DC\_1A-(n)3AA-n257I  DC\_1A-(n)3AA-n257J  DC\_1A-(n)3AA-n257K  DC\_1A-(n)3AA-n257L  DC\_1A-(n)3AA-n257M | DC\_1A\_n3A  DC\_1A\_n257A  DC\_(n)3AA3  DC\_3A\_n257A |
| DC\_1A\_n3A-n8A-n257A  DC\_1A\_n3A-n8A-n257G  DC\_1A\_n3A-n8A-n257H  DC\_1A\_n3A-n8A-n257I  DC\_1A\_n3A-n8A-n257J  DC\_1A\_n3A-n8A-n257K  DC\_1A\_n3A-n8A-n257L  DC\_1A\_n3A-n8A-n257M | DC\_1A\_n3A DC\_1A\_n8A DC\_1A\_n257A |
| DC\_1A-3A\_n8A-n257A  DC\_1A-3A\_n8A-n257G  DC\_1A-3A\_n8A-n257H  DC\_1A-3A\_n8A-n257I  DC\_1A-3A\_n8A-n257J  DC\_1A-3A\_n8A-n257K  DC\_1A-3A\_n8A-n257L  DC\_1A-3A\_n8A-n257M | DC\_1A\_n8A  DC\_1A\_n257A  DC\_3A\_n8A  DC\_3A\_n257A |
| 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\_n38A-n257A  DC\_1A-3A\_n38A-n257G  DC\_1A-3A\_n38A-n257H  DC\_1A-3A\_n38A-n257I | DC\_1A\_n38A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n38A  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 |
| DC\_1A\_n3A-n77A-n257A  DC\_1A\_n3A-n77A-n257G  DC\_1A\_n3A-n77A-n257H  DC\_1A\_n3A-n77A-n257I  DC\_1A\_n3A-n77A-n257J  DC\_1A\_n3A-n77A-n257K  DC\_1A\_n3A-n77A-n257L  DC\_1A\_n3A-n77A-n257M | DC\_1A\_n3A  DC\_1A\_n77A  DC\_1A\_n257A |
| DC\_1A\_n3A-n77(2A)-n257A  DC\_1A\_n3A-n77(2A)-n257G  DC\_1A\_n3A-n77(2A)-n257H  DC\_1A\_n3A-n77(2A)-n257I  DC\_1A\_n3A-n77(2A)-n257J  DC\_1A\_n3A-n77(2A)-n257K  DC\_1A\_n3A-n77(2A)-n257L  DC\_1A\_n3A-n77(2A)-n257M | DC\_1A\_n3A  DC\_1A\_n77A  DC\_1A\_n257A |
| DC\_1A-3A\_n77A-n257J  DC\_1A-3A\_n77A-n257K  DC\_1A-3A\_n77A-n257L  DC\_1A-3A\_n77A-n257M  DC\_1A-3A\_n77(2A)-n257A  DC\_1A-3A\_n77(2A)-n257G  DC\_1A-3A\_n77(2A)-n257H  DC\_1A-3A\_n77(2A)-n257I  DC\_1A-3A\_n77(2A)-n257J  DC\_1A-3A\_n77(2A)-n257K  DC\_1A-3A\_n77(2A)-n257L  DC\_1A-3A\_n77(2A)-n257M | DC\_1A\_n77A  DC\_3A\_n77A  DC\_1A\_n257A  DC\_3A\_n257A |
| DC\_1A\_n3A-n77A-n257A  DC\_1A\_n3A-n77A-n257G  DC\_1A\_n3A-n77A-n257H  DC\_1A\_n3A-n77A-n257I  DC\_1A\_n3A-n77A-n257J  DC\_1A\_n3A-n77A-n257K  DC\_1A\_n3A-n77A-n257L  DC\_1A\_n3A-n77A-n257M  DC\_1A\_n3A-n77(2A)-n257A  DC\_1A\_n3A-n77(2A)-n257G  DC\_1A\_n3A-n77(2A)-n257H  DC\_1A\_n3A-n77(2A)-n257I  DC\_1A\_n3A-n77(2A)-n257J  DC\_1A\_n3A-n77(2A)-n257K  DC\_1A\_n3A-n77(2A)-n257L  DC\_1A\_n3A-n77(2A)-n257M | DC\_1A\_n3A  DC\_1A\_n77A  DC\_1A\_n257A |
| DC\_1A-3A\_n78A-n257A2  DC\_1A-3A\_n78A-n257D2  DC\_1A-3A\_n78A-n257E2  DC\_1A-3A\_n78A-n257F2  DC\_1A-3A\_n78A-n257G2  DC\_1A-3A\_n78A-n257H2  DC\_1A-3A\_n78A-n257I2  DC\_1A-3A\_n78A-n257J2  DC\_1A-3A\_n78A-n257K2  DC\_1A-3A\_n78A-n257L2  DC\_1A-3A\_n78A-n257M2  DC\_1A-3C\_n78A-n257A  DC\_1A-3C\_n78A-n257D  DC\_1A-3C\_n78A-n257E  DC\_1A-3C\_n78A-n257F  DC\_1A-3C\_n78A-n257G  DC\_1A-3C\_n78A-n257H  DC\_1A-3C\_n78A-n257I  DC\_1A-3C\_n78A-n257J  DC\_1A-3C\_n78A-n257K  DC\_1A-3C\_n78A-n257L  DC\_1A-3C\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  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\_1A-3A\_n78C-n257A  DC\_1A-3A\_n78C-n257D  DC\_1A-3A\_n78C-n257E  DC\_1A-3A\_n78C-n257F  DC\_1A-3A\_n78C-n257G  DC\_1A-3A\_n78C-n257H  DC\_1A-3A\_n78C-n257I  DC\_1A-3A\_n78C-n257J  DC\_1A-3A\_n78C-n257K  DC\_1A-3A\_n78C-n257L  DC\_1A-3A\_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\_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-3A\_n79A-n257A2  DC\_1A-3A\_n79A-n257G2  DC\_1A-3A\_n79A-n257H2  DC\_1A-3A\_n79A-n257I2 | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n79A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_1A\_n79A-n257A  DC\_1A\_n79A-n257G  DC\_1A\_n79A-n257H  DC\_1A\_n79A-n257I  DC\_3A\_n79A-n257A  DC\_3A\_n79A-n257G  DC\_3A\_n79A-n257H  DC\_3A\_n79A-n257I |
| DC\_1A-3A\_n105A-n257A | DC\_1A\_n105A  DC\_1A\_n257A  DC\_3A\_n105A  DC\_3A\_n257A |
| DC\_1A-3A\_n105A-n258A | DC\_1A\_n105A  DC\_1A\_n258A  DC\_3A\_n105A  DC\_3A\_n258A |
| DC\_1A-5A\_n78A-n257A  DC\_1A-5A\_n78A-n257D  DC\_1A-5A\_n78A-n257E  DC\_1A-5A\_n78A-n257F  DC\_1A-5A\_n78A-n257G  DC\_1A-5A\_n78A-n257H  DC\_1A-5A\_n78A-n257I  DC\_1A-5A\_n78A-n257J  DC\_1A-5A\_n78A-n257K  DC\_1A-5A\_n78A-n257L  DC\_1A-5A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I |
| DC\_1A-5A\_n78C-n257A  DC\_1A-5A\_n78C-n257D  DC\_1A-5A\_n78C-n257E  DC\_1A-5A\_n78C-n257F  DC\_1A-5A\_n78C-n257G  DC\_1A-5A\_n78C-n257H  DC\_1A-5A\_n78C-n257I  DC\_1A-5A\_n78C-n257J  DC\_1A-5A\_n78C-n257K  DC\_1A-5A\_n78C-n257L  DC\_1A-5A\_n78C-n257M | DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I |
| DC\_1A-7A\_n38A-n257A  DC\_1A-7A\_n38A-n257G  DC\_1A-7A\_n38A-n257H  DC\_1A-7A\_n38A-n257I | DC\_1A\_n38A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_7A\_n38A  DC\_7A\_n257A  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I |
| DC\_1A-7A\_n78A-n257A  DC\_1A-7A\_n78A-n257D  DC\_1A-7A\_n78A-n257E  DC\_1A-7A\_n78A-n257F  DC\_1A-7A\_n78A-n257G  DC\_1A-7A\_n78A-n257H  DC\_1A-7A\_n78A-n257I  DC\_1A-7A\_n78A-n257J  DC\_1A-7A\_n78A-n257K  DC\_1A-7A\_n78A-n257L  DC\_1A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-7A\_n78C-n257A  DC\_1A-7A\_n78C-n257D  DC\_1A-7A\_n78C-n257E  DC\_1A-7A\_n78C-n257F  DC\_1A-7A\_n78C-n257G  DC\_1A-7A\_n78C-n257H  DC\_1A-7A\_n78C-n257I  DC\_1A-7A\_n78C-n257J  DC\_1A-7A\_n78C-n257K  DC\_1A-7A\_n78C-n257L  DC\_1A-7A\_n78C-n257M | DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-7A-7A\_n78A-n257A  DC\_1A-7A-7A\_n78A-n257D  DC\_1A-7A-7A\_n78A-n257E  DC\_1A-7A-7A\_n78A-n257F  DC\_1A-7A-7A\_n78A-n257G  DC\_1A-7A-7A\_n78A-n257H  DC\_1A-7A-7A\_n78A-n257I  DC\_1A-7A-7A\_n78A-n257J  DC\_1A-7A-7A\_n78A-n257K  DC\_1A-7A-7A\_n78A-n257L  DC\_1A-7A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
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| DC\_7A-8A\_n40A-n258A  DC\_7A-8A\_n40A-n258D  DC\_7A-8A\_n40A-n258E  DC\_7A-8A\_n40A-n258F  DC\_7A-8A\_n40A-n258G  DC\_7A-8A\_n40A-n258H  DC\_7A-8A\_n40A-n258I  DC\_7A-8A\_n40A-n258J  DC\_7A-8A\_n40A-n258K  DC\_7A-8A\_n40A-n258L  DC\_7A-8A\_n40A-n258M | DC\_7A\_n40A  DC\_7A\_n258A  DC\_8A\_n40A  DC\_8A\_n258A |
| DC\_7A-8A\_n78A-n257A2  DC\_7A-8A\_n78A-n257D2  DC\_7A-8A\_n78A-n257E2  DC\_7A-8A\_n78A-n257F2  DC\_7A-8A\_n78A-n257G2  DC\_7A-8A\_n78A-n257H2  DC\_7A-8A\_n78A-n257I2  DC\_7A-8A\_n78A-n257J2  DC\_7A-8A\_n78A-n257K2  DC\_7A-8A\_n78A-n257L2  DC\_7A-8A\_n78A-n257M2 | DC\_7A\_n78A  DC\_7A\_n257A  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I  DC\_7A\_n257J  DC\_7A\_n257K  DC\_8A\_n78A  DC\_8A\_n257A  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I  DC\_8A\_n257J  DC\_8A\_n257K |
| DC\_7A-7A-8A\_n78A-n257A2  DC\_7A-7A-8A\_n78A-n257D2  DC\_7A-7A-8A\_n78A-n257E2  DC\_7A-7A-8A\_n78A-n257F2  DC\_7A-7A-8A\_n78A-n257G2  DC\_7A-7A-8A\_n78A-n257H2  DC\_7A-7A-8A\_n78A-n257I2  DC\_7A-7A-8A\_n78A-n257J2  DC\_7A-7A-8A\_n78A-n257K2  DC\_7A-7A-8A\_n78A-n257L2  DC\_7A-7A-8A\_n78A-n257M2 | DC\_7A\_n78A  DC\_7A\_n257A  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I  DC\_7A\_n257J  DC\_7A\_n257K  DC\_8A\_n78A  DC\_8A\_n257A  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I  DC\_8A\_n257J  DC\_8A\_n257K |
| DC\_7A-8A\_n78A-n258A  DC\_7A-8A\_n78A-n258D  DC\_7A-8A\_n78A-n258E  DC\_7A-8A\_n78A-n258F  DC\_7A-8A\_n78A-n258G  DC\_7A-8A\_n78A-n258H  DC\_7A-8A\_n78A-n258I  DC\_7A-8A\_n78A-n258J  DC\_7A-8A\_n78A-n258K  DC\_7A-8A\_n78A-n258L  DC\_7A-8A\_n78A-n258M | DC\_7A\_n78A  DC\_7A\_n258A  DC\_8A\_n78A  DC\_8A\_n258A |
| DC\_7A\_n8A-n78A-n257A2  DC\_7A\_n8A-n78A-n257G2  DC\_7A\_n8A-n78A-n257H2  DC\_7A\_n8A-n78A-n257I2  DC\_7A\_n8A-n78A-n257J2  DC\_7A\_n8A-n78A-n257K2 | DC\_7A\_n8A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I  DC\_7A\_n257J  DC\_7A\_n257K |
| DC\_7A-7A\_n8A-n78A-n257A2  DC\_7A-7A\_n8A-n78A-n257G2  DC\_7A-7A\_n8A-n78A-n257H2  DC\_7A-7A\_n8A-n78A-n257I2  DC\_7A-7A\_n8A-n78A-n257J2  DC\_7A-7A\_n8A-n78A-n257K2 | DC\_7A\_n8A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I  DC\_7A\_n257J  DC\_7A\_n257K |
| DC\_7A-28A\_n38A-n257A  DC\_7A-28A\_n38A-n257G  DC\_7A-28A\_n38A-n257H  DC\_7A-28A\_n38A-n257I | DC\_7A\_n38A  DC\_7A\_n257A  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I  DC\_28A\_n38A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_7A-28A\_n78A-n257A  DC\_7A-28A\_n78A-n257G  DC\_7A-28A\_n78A-n257H  DC\_7A-28A\_n78A-n257I | DC\_7A\_n78A  DC\_28A\_n78A  DC\_7A\_n257A  DC\_28A\_n257A |
| DC\_8A\_n1A-n78A-n257A2 | DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_8A-(n)3AA-n257A  DC\_8A-(n)3AA-n257G  DC\_8A-(n)3AA-n257H  DC\_8A-(n)3AA-n257I  DC\_8A-(n)3AA-n257J  DC\_8A-(n)3AA-n257K  DC\_8A-(n)3AA-n257L  DC\_8A-(n)3AA-n257M | DC\_3A\_n257A  DC\_8A\_n3A  DC\_8A\_n257A |
| DC\_8A\_n3A-n77A-n257A  DC\_8A\_n3A-n77A-n257G  DC\_8A\_n3A-n77A-n257H  DC\_8A\_n3A-n77A-n257I  DC\_8A\_n3A-n77A-n257J  DC\_8A\_n3A-n77A-n257K  DC\_8A\_n3A-n77A-n257L  DC\_8A\_n3A-n77A-n257M  DC\_8A\_n3A-n77(2A)-n257A  DC\_8A\_n3A-n77(2A)-n257G  DC\_8A\_n3A-n77(2A)-n257H  DC\_8A\_n3A-n77(2A)-n257I  DC\_8A\_n3A-n77(2A)-n257J  DC\_8A\_n3A-n77(2A)-n257K  DC\_8A\_n3A-n77(2A)-n257L  DC\_8A\_n3A-n77(2A)-n257M | DC\_3A\_n77A  DC\_8A\_n77A  DC\_8A\_n257A |
| DC\_8A-11A\_n77A-n257A2  DC\_8A-11A\_n77A-n257D2  DC\_8A-11A\_n77A-n257G2  DC\_8A-11A\_n77A-n257H2  DC\_8A-11A\_n77A-n257I2 | DC\_8A\_n77A  DC\_8A\_n257A  DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I  DC\_11A\_n77A  DC\_11A\_n257A  DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I |
| DC\_8A-11A\_n77(2A)-n257A2  DC\_8A-11A\_n77(2A)-n257D2  DC\_8A-11A\_n77(2A)-n257G2  DC\_8A-11A\_n77(2A)-n257H2  DC\_8A-11A\_n77(2A)-n257I2 | DC\_8A\_n77A  DC\_8A\_n257A  DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I  DC\_11A\_n77A  DC\_11A\_n257A  DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I |
| DC\_8A\_n39A-n40A-n258A | DC\_8A\_n39A DC\_8A\_n40A DC\_8A\_n258A |
| DC\_8A\_n39A-n41A-n258A | DC\_8A\_n39A DC\_8A\_n41A DC\_8A\_n258A |
| DC\_8A\_n40A-n79A-n258A | DC\_8A\_n40A DC\_8A\_n79A DC\_8A\_n258A |
| DC\_8A\_n41A-n79A-n258A | DC\_8A\_n41A DC\_8A\_n79A DC\_8A\_n258A |
| DC\_18A-41A\_n3A-n257A  DC\_18A-41A\_n3A-n257G  DC\_18A-41A\_n3A-n257H  DC\_18A-41A\_n3A-n257I  DC\_18A-41C\_n3A-n257A  DC\_18A-41C\_n3A-n257G  DC\_18A-41C\_n3A-n257H  DC\_18A-41C\_n3A-n257I | DC\_18A\_n3A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I  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\_18A-42A\_n78A-n257A  DC\_18A-42A\_n78A-n257G  DC\_18A-42A\_n78A-n257H  DC\_18A-42A\_n78A-n257I  DC\_18A-42C\_n78A-n257A  DC\_18A-42C\_n78A-n257G  DC\_18A-42C\_n78A-n257H  DC\_18A-42C\_n78A-n257I | DC\_18A\_n78A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_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\_n77A-n257A2  DC\_19A-21A\_n77A-n257G2  DC\_19A-21A\_n77A-n257H2  DC\_19A-21A\_n77A-n257I2 | 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\_19A-21A\_n78A-n257A2  DC\_19A-21A\_n78A-n257G2  DC\_19A-21A\_n78A-n257H2  DC\_19A-21A\_n78A-n257I2 | 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\_19A-21A\_n79A-n257A2  DC\_19A-21A\_n79A-n257G2  DC\_19A-21A\_n79A-n257H2  DC\_19A-21A\_n79A-n257I2 | 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\_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  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\_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\_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  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\_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  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\_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\_40A-42A\_n77A-n257A  DC\_40A-42A\_n77A-n257D  DC\_40A-42A\_n77A-n257E  DC\_40A-42A\_n77A-n257F  DC\_40A-42A\_n77A-n257G  DC\_40A-42A\_n77A-n257H  DC\_40A-42A\_n77A-n257I  DC\_40A-42A\_n77A-n257J  DC\_40A-42A\_n77A-n257K  DC\_40A-42A\_n77A-n257L  DC\_40A-42A\_n77A-n257M  DC\_40A-42A\_n77C-n257A  DC\_40A-42A\_n77C-n257D  DC\_40A-42A\_n77C-n257E  DC\_40A-42A\_n77C-n257F  DC\_40A-42A\_n77C-n257G  DC\_40A-42A\_n77C-n257H  DC\_40A-42A\_n77C-n257I  DC\_40A-42A\_n77C-n257J  DC\_40A-42A\_n77C-n257K  DC\_40A-42A\_n77C-n257L  DC\_40A-42A\_n77C-n257M | DC\_40A\_n257A  DC\_40A\_n257D  DC\_40A\_n257E  DC\_40A\_n257F  DC\_40A\_n257G  DC\_40A\_n257H  DC\_40A\_n257I  DC\_40A\_n257J  DC\_40A\_n257K  DC\_40A\_n257L  DC\_40A\_n257M  DC\_42A\_n257A  DC\_42A\_n257D  DC\_42A\_n257E  DC\_42A\_n257F  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42A\_n257J  DC\_42A\_n257K  DC\_42A\_n257L  DC\_42A\_n257M  DC\_40A\_n77A |
| DC\_40A-42A\_n78A-n257A  DC\_40A-42A\_n78A-n257D  DC\_40A-42A\_n78A-n257E  DC\_40A-42A\_n78A-n257F  DC\_40A-42A\_n78A-n257G  DC\_40A-42A\_n78A-n257H  DC\_40A-42A\_n78A-n257I  DC\_40A-42A\_n78A-n257J  DC\_40A-42A\_n78A-n257K  DC\_40A-42A\_n78A-n257L  DC\_40A-42A\_n78A-n257M | DC\_40A\_n257A  DC\_40A\_n257D  DC\_40A\_n257E  DC\_40A\_n257F  DC\_40A\_n257G  DC\_40A\_n257H  DC\_40A\_n257I  DC\_40A\_n257J  DC\_40A\_n257K  DC\_40A\_n257L  DC\_40A\_n257M  DC\_42A\_n257A  DC\_42A\_n257D  DC\_42A\_n257E  DC\_42A\_n257F  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42A\_n257J  DC\_42A\_n257K  DC\_42A\_n257L  DC\_42A\_n257M  DC\_40A\_n78A |
| 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.  NOTE 3: Only single switched UL is supported. | |

#### 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 |
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| DC\_3A-7A\_n8A-n78A-n257A2  DC\_3A-7A\_n8A-n78A-n257G2  DC\_3A-7A\_n8A-n78A-n257H2  DC\_3A-7A\_n8A-n78A-n257I2  DC\_3A-7A\_n8A-n78A-n257J2  DC\_3A-7A\_n8A-n78A-n257K2 | DC\_3A\_n8A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_7A\_n8A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I  DC\_7A\_n257J  DC\_7A\_n257K |
| DC\_3A-3A-7A\_n8A-n78A-n257A2  DC\_3A-3A-7A\_n8A-n78A-n257G2  DC\_3A-3A-7A\_n8A-n78A-n257H2  DC\_3A-3A-7A\_n8A-n78A-n257I2  DC\_3A-3A-7A\_n8A-n78A-n257J2  DC\_3A-3A-7A\_n8A-n78A-n257K2 | DC\_3A\_n8A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_7A\_n8A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I  DC\_7A\_n257J  DC\_7A\_n257K |
| DC\_3A-7A-7A\_n8A-n78A-n257A2  DC\_3A-7A-7A\_n8A-n78A-n257G2  DC\_3A-7A-7A\_n8A-n78A-n257H2  DC\_3A-7A-7A\_n8A-n78A-n257I2  DC\_3A-7A-7A\_n8A-n78A-n257J2  DC\_3A-7A-7A\_n8A-n78A-n257K2 | DC\_3A\_n8A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_7A\_n8A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I  DC\_7A\_n257J  DC\_7A\_n257K |
| DC\_3A-3A-7A-7A\_n8A-n78A-n257A2  DC\_3A-3A-7A-7A\_n8A-n78A-n257G2  DC\_3A-3A-7A-7A\_n8A-n78A-n257H2  DC\_3A-3A-7A-7A\_n8A-n78A-n257I2  DC\_3A-3A-7A-7A\_n8A-n78A-n257J2  DC\_3A-3A-7A-7A\_n8A-n78A-n257K2 | DC\_3A\_n8A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_7A\_n8A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I  DC\_7A\_n257J  DC\_7A\_n257K |
| DC\_3A-7A-28A\_n38A-n257A  DC\_3A-7A-28A\_n38A-n257G  DC\_3A-7A-28A\_n38A-n257H  DC\_3A-7A-28A\_n38A-n257I | DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_3A-7A-28A\_n78A-n257A  DC\_3A-7A-28A\_n78A-n257G  DC\_3A-7A-28A\_n78A-n257H  DC\_3A-7A-28A\_n78A-n257I | DC\_3A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A  DC\_28A\_n257A |
| DC\_3A-8A\_n1A-n78A-n257A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_3A-3A-8A\_n1A-n78A-n257A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_(n)3AA-n8A-n77(2A)-n257A  DC\_(n)3AA-n8A-n77(2A)-n257G  DC\_(n)3AA-n8A-n77(2A)-n257H  DC\_(n)3AA-n8A-n77(2A)-n257I  DC\_(n)3AA-n8A-n77(2A)-n257J  DC\_(n)3AA-n8A-n77(2A)-n257K  DC\_(n)3AA-n8A-n77(2A)-n257L  DC\_(n)3AA-n8A-n77(2A)-n257M | DC\_(n)3AA3  DC\_3A\_n8A  DC\_3A\_n77A  DC\_3A\_n257A |
| DC\_3A-18A-42A\_n78A-n257A  DC\_3A-18A-42A\_n78A-n257G  DC\_3A-18A-42A\_n78A-n257H  DC\_3A-18A-42A\_n78A-n257I  DC\_3A-18A-42C\_n78A-n257A  DC\_3A-18A-42C\_n78A-n257G  DC\_3A-18A-42C\_n78A-n257H  DC\_3A-18A-42C\_n78A-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\_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\_n77A-n257A  DC\_3A-41A-42A\_n77A-n257G  DC\_3A-41A-42A\_n77A-n257H  DC\_3A-41A-42A\_n77A-n257I  DC\_3A-41A-42C\_n77A-n257A  DC\_3A-41A-42C\_n77A-n257G  DC\_3A-41A-42C\_n77A-n257H  DC\_3A-41A-42C\_n77A-n257I  DC\_3A-41C-42A\_n77A-n257A  DC\_3A-41C-42A\_n77A-n257G  DC\_3A-41C-42A\_n77A-n257H  DC\_3A-41C-42A\_n77A-n257I  DC\_3A-41C-42C\_n77A-n257A  DC\_3A-41C-42C\_n77A-n257G  DC\_3A-41C-42C\_n77A-n257H  DC\_3A-41C-42C\_n77A-n257I | DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_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\_3A-28A-41A\_n78A-n257A  DC\_3A-28A-41A\_n78A-n257G  DC\_3A-28A-41A\_n78A-n257H  DC\_3A-28A-41A\_n78A-n257I  DC\_3A-28A-41C\_n78A-n257A  DC\_3A-28A-41C\_n78A-n257G  DC\_3A-28A-41C\_n78A-n257H  DC\_3A-28A-41C\_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\_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\_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\_7A-8A\_n1A-n78A-n257A2 | DC\_7A\_n1A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_7A-7A-8A\_n1A-n78A-n257A2 | DC\_7A\_n1A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_8A-(n)3AA-n77A-n257A  DC\_8A-(n)3AA-n77A-n257G  DC\_8A-(n)3AA-n77A-n257H  DC\_8A-(n)3AA-n77A-n257I  DC\_8A-(n)3AA-n77A-n257J  DC\_8A-(n)3AA-n77A-n257K  DC\_8A-(n)3AA-n77A-n257L  DC\_8A-(n)3AA-n77A-n257M  DC\_8A-(n)3AA-n77(2A)-n257A  DC\_8A-(n)3AA-n77(2A)-n257G  DC\_8A-(n)3AA-n77(2A)-n257H  DC\_8A-(n)3AA-n77(2A)-n257I  DC\_8A-(n)3AA-n77(2A)-n257J  DC\_8A-(n)3AA-n77(2A)-n257K  DC\_8A-(n)3AA-n77(2A)-n257L  DC\_8A-(n)3AA-n77(2A)-n257M | DC\_3A\_n77A  DC\_3A\_n257A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_8A\_n257A |
| 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\_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.  NOTE 3: Only single switched UL is supported. | |

#### 5.5B.6.5 Inter-band EN-DC configurations including FR1 and FR2 (six bands)

Table 5.5B.6.5-1: Inter-band EN-DC configurations including FR1 and FR2 (six bands)

| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) |
| --- | --- |
| DC\_1A-3A-5A-7A-7A\_n78A-n257A  DC\_1A-3A-5A-7A-7A\_n78A-n257D  DC\_1A-3A-5A-7A-7A\_n78A-n257E  DC\_1A-3A-5A-7A-7A\_n78A-n257F  DC\_1A-3A-5A-7A-7A\_n78A-n257G  DC\_1A-3A-5A-7A-7A\_n78A-n257H  DC\_1A-3A-5A-7A-7A\_n78A-n257I  DC\_1A-3A-5A-7A-7A\_n78A-n257J  DC\_1A-3A-5A-7A-7A\_n78A-n257K  DC\_1A-3A-5A-7A-7A\_n78A-n257L  DC\_1A-3A-5A-7A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A  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\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-3A-5A-7A-7A\_n78C-n257A  DC\_1A-3A-5A-7A-7A\_n78C-n257D  DC\_1A-3A-5A-7A-7A\_n78C-n257E  DC\_1A-3A-5A-7A-7A\_n78C-n257F  DC\_1A-3A-5A-7A-7A\_n78C-n257G  DC\_1A-3A-5A-7A-7A\_n78C-n257H  DC\_1A-3A-5A-7A-7A\_n78C-n257I  DC\_1A-3A-5A-7A-7A\_n78C-n257J  DC\_1A-3A-5A-7A-7A\_n78C-n257K  DC\_1A-3A-5A-7A-7A\_n78C-n257L  DC\_1A-3A-5A-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\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-3A-5A-7A\_n78A-n257A  DC\_1A-3A-5A-7A\_n78A-n257D  DC\_1A-3A-5A-7A\_n78A-n257E  DC\_1A-3A-5A-7A\_n78A-n257F  DC\_1A-3A-5A-7A\_n78A-n257G  DC\_1A-3A-5A-7A\_n78A-n257H  DC\_1A-3A-5A-7A\_n78A-n257I  DC\_1A-3A-5A-7A\_n78A-n257J  DC\_1A-3A-5A-7A\_n78A-n257K  DC\_1A-3A-5A-7A\_n78A-n257L  DC\_1A-3A-5A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_5A\_n78A  DC\_5A\_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\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-3A-5A-7A\_n78C-n257A  DC\_1A-3A-5A-7A\_n78C-n257D  DC\_1A-3A-5A-7A\_n78C-n257E  DC\_1A-3A-5A-7A\_n78C-n257F  DC\_1A-3A-5A-7A\_n78C-n257G  DC\_1A-3A-5A-7A\_n78C-n257H  DC\_1A-3A-5A-7A\_n78C-n257I  DC\_1A-3A-5A-7A\_n78C-n257J  DC\_1A-3A-5A-7A\_n78C-n257K  DC\_1A-3A-5A-7A\_n78C-n257L  DC\_1A-3A-5A-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\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-3A-7A-28A\_n38A-n257A  DC\_1A-3A-7A-28A\_n38A-n257G  DC\_1A-3A-7A-28A\_n38A-n257H  DC\_1A-3A-7A-28A\_n38A-n257I | 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\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_1A-3A-7A-28A\_n78A-n257A  DC\_1A-3A-7A-28A\_n78A-n257G  DC\_1A-3A-7A-28A\_n78A-n257H  DC\_1A-3A-7A-28A\_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\_7A\_n78A  DC\_7A\_n257A  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I  DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_1A-(n)3AA-n8A-n77A-n257A  DC\_1A-(n)3AA-n8A-n77A-n257G  DC\_1A-(n)3AA-n8A-n77A-n257H  DC\_1A-(n)3AA-n8A-n77A-n257I  DC\_1A-(n)3AA-n8A-n77A-n257J  DC\_1A-(n)3AA-n8A-n77A-n257K  DC\_1A-(n)3AA-n8A-n77A-n257L  DC\_1A-(n)3AA-n8A-n77A-n257M  DC\_1A-(n)3AA-n8A-n77(2A)-n257A  DC\_1A-(n)3AA-n8A-n77(2A)-n257G  DC\_1A-(n)3AA-n8A-n77(2A)-n257H  DC\_1A-(n)3AA-n8A-n77(2A)-n257I  DC\_1A-(n)3AA-n8A-n77(2A)-n257J  DC\_1A-(n)3AA-n8A-n77(2A)-n257K  DC\_1A-(n)3AA-n8A-n77(2A)-n257L  DC\_1A-(n)3AA-n8A-n77(2A)-n257M | DC\_1A\_n3A  DC\_1A\_n8A  DC\_1A\_n77A  DC\_1A\_n257A  DC\_(n)3AA3  DC\_3A\_n8A  DC\_3A\_n77A  DC\_3A\_n257A |
| DC\_1A-3A-18A-42A\_n78A-n257A  DC\_1A-3A-18A-42A\_n78A-n257G  DC\_1A-3A-18A-42A\_n78A-n257H  DC\_1A-3A-18A-42A\_n78A-n257I  DC\_1A-3A-18A-42C\_n78A-n257A  DC\_1A-3A-18A-42C\_n78A-n257G  DC\_1A-3A-18A-42C\_n78A-n257H  DC\_1A-3A-18A-42C\_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\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-3A-28A-42A\_n78A-n257A  DC\_1A-3A-28A-42A\_n78A-n257G  DC\_1A-3A-28A-42A\_n78A-n257H  DC\_1A-3A-28A-42A\_n78A-n257I  DC\_1A-3A-28A-42C\_n78A-n257A  DC\_1A-3A-28A-42C\_n78A-n257G  DC\_1A-3A-28A-42C\_n78A-n257H  DC\_1A-3A-28A-42C\_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\_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\_1A-3A-41A-42A\_n77A-n257A  DC\_1A-3A-41A-42A\_n77A-n257G  DC\_1A-3A-41A-42A\_n77A-n257H  DC\_1A-3A-41A-42A\_n77A-n257I  DC\_1A-3A-41C-42A\_n77A-n257A  DC\_1A-3A-41C-42A\_n77A-n257G  DC\_1A-3A-41C-42A\_n77A-n257H  DC\_1A-3A-41C-42A\_n77A-n257I  DC\_1A-3A-41A-42C\_n77A-n257A  DC\_1A-3A-41A-42C\_n77A-n257G  DC\_1A-3A-41A-42C\_n77A-n257H  DC\_1A-3A-41A-42C\_n77A-n257I  DC\_1A-3A-41C-42C\_n77A-n257A  DC\_1A-3A-41C-42C\_n77A-n257G  DC\_1A-3A-41C-42C\_n77A-n257H  DC\_1A-3A-41C-42C\_n77A-n257I | 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\_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\_1A-3A-41A-42A\_n78A-n257A  DC\_1A-3A-41A-42A\_n78A-n257G  DC\_1A-3A-41A-42A\_n78A-n257H  DC\_1A-3A-41A-42A\_n78A-n257I  DC\_1A-3A-41A-42C\_n78A-n257A  DC\_1A-3A-41A-42C\_n78A-n257G  DC\_1A-3A-41A-42C\_n78A-n257H  DC\_1A-3A-41A-42C\_n78A-n257I  DC\_1A-3A-41C-42A\_n78A-n257A  DC\_1A-3A-41C-42A\_n78A-n257G  DC\_1A-3A-41C-42A\_n78A-n257H  DC\_1A-3A-41C-42A\_n78A-n257I  DC\_1A-3A-41C-42C\_n78A-n257A  DC\_1A-3A-41C-42C\_n78A-n257G  DC\_1A-3A-41C-42C\_n78A-n257H  DC\_1A-3A-41C-42C\_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\_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\_1A-8A-(n)3AA-n77A-n257A  DC\_1A-8A-(n)3AA-n77A-n257G  DC\_1A-8A-(n)3AA-n77A-n257H  DC\_1A-8A-(n)3AA-n77A-n257I  DC\_1A-8A-(n)3AA-n77A-n257J  DC\_1A-8A-(n)3AA-n77A-n257K  DC\_1A-8A-(n)3AA-n77A-n257L  DC\_1A-8A-(n)3AA-n77A-n257M  DC\_1A-8A-(n)3AA-n77(2A)-n257A  DC\_1A-8A-(n)3AA-n77(2A)-n257G  DC\_1A-8A-(n)3AA-n77(2A)-n257H  DC\_1A-8A-(n)3AA-n77(2A)-n257I  DC\_1A-8A-(n)3AA-n77(2A)-n257J  DC\_1A-8A-(n)3AA-n77(2A)-n257K  DC\_1A-8A-(n)3AA-n77(2A)-n257L  DC\_1A-8A-(n)3AA-n77(2A)-n257M | DC\_1A\_n3A  DC\_1A\_n77A  DC\_1A\_n257A  DC\_(n)3AA3  DC\_3A\_n77A  DC\_3A\_n257A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_8A\_n257A |
| DC\_3A-7A-8A\_n1A-n78A-n257A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_3A-3A-7A-8A\_n1A-n78A-n257A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_3A-7A-7A-8A\_n1A-n78A-n257A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_3A-3A-7A-7A-8A\_n1A-n78A-n257A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_3A-28A-41A-42A\_n78A-n257A  DC\_3A-28A-41A-42A\_n78A-n257G  DC\_3A-28A-41A-42A\_n78A-n257H  DC\_3A-28A-41A-42A\_n78A-n257I  DC\_3A-28A-41A-42C\_n78A-n257A  DC\_3A-28A-41A-42C\_n78A-n257G  DC\_3A-28A-41A-42C\_n78A-n257H  DC\_3A-28A-41A-42C\_n78A-n257I  DC\_3A-28A-41C-42A\_n78A-n257A  DC\_3A-28A-41C-42A\_n78A-n257G  DC\_3A-28A-41C-42A\_n78A-n257H  DC\_3A-28A-41C-42A\_n78A-n257I  DC\_3A-28A-41C-42C\_n78A-n257A  DC\_3A-28A-41C-42C\_n78A-n257G  DC\_3A-28A-41C-42C\_n78A-n257H  DC\_3A-28A-41C-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\_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.  NOTE 3: Only single switched UL is supported. | |

## << Nextchange >>

###### 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 | ΔTIB,c for E-UTRA band / NR band (dB)12 | | | |
| --- | --- | --- | --- | --- |
| Component band in order of bands in configuration13 | | | |
| DC\_1-3\_n3-n41 | 0.5 | 0.5 | 0.5 | 0.34/0.85 |
| DC\_1-3\_n3-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3\_n3-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3\_n5-n40 | 0.6 | 0.6 | 0.6 | 0.9 |
| DC\_1-3-5\_n40 | 0.6 | 0.6 | 0.6 | 0.9 |
| DC\_1-3-5\_n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-5\_n78 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_1-3-5\_n79 | 0.3 | 0.3 | 0.3 | - |
| DC\_1-3-7\_n3 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7\_n1 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7\_n5 | 0.6 | 0.6 | 0.6 | 0.3 |
| DC\_1-3-7\_n7  DC\_1-3-(n)7 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7\_n8 | 0.6 | 0.6 | 0.6 | 0.3 |
| DC\_1-3-7\_n26 | 0.6 | 0.6 | 0.6 | 0.3 |
| DC\_1-3-7\_n28 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7\_n38 | 0.6 | 0.6 | - | - |
| DC\_1-3-7\_n40  DC\_1-3-7-7\_n40 | 0.6 | 0.6 | 0.8 | 0.9 |
| DC\_1-3-7\_n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-7\_n78  DC\_1-3-3-7\_n78  DC\_1-3-3-7-7\_n78  DC\_1-3-7-7\_n78 | 0.7 | 0.7 | 0.7 | 0.8 |
| DC\_1-3\_n7-n78 | 0.7 | 0.7 | 0.7 | 0.8 |
| DC\_1-3-7\_n105 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-8\_n28 | 0.3 | 0.3 | 0.6 | 0.6 |
| DC\_1-3-8\_n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1\_n3-n8-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-8\_n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3\_n8-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-8\_n79 | 0.3 | 0.3 | 0.3 | - |
| DC\_1-3-11\_n28 | 0.3 | 0.8 | 0.9 | 0.6 |
| DC\_1-3-11\_n77 | 0.6 | 0.8 | 0.9 | 0.8 |
| DC\_1-3-18\_n3 | 0.3 | 0.3 | 0.3 | 0.3 |
| DC\_1-3-18\_n28 | 0.3 | 0.3 | 0.3 | 0.6 |
| DC\_1-3-18\_n41 | 0.3 | 0.3 | 0.3 | 0.34 |
| DC\_1-3-28\_n3 | 0.3 | 0.3 | 0.6 | 0.3 |
| DC\_1-3-18\_n77 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_1-3-18\_n78 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_1-3-18\_n79 | 0.3 | 0.3 | 0.3 | - |
| DC\_1-3-19\_n78 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_1-3-19\_n79 | 0.3 | 0.3 | 0.3 | - |
| DC\_1-3-20\_n1 | 0.3 | 0.3 | 0.3 | 0.3 |
| DC\_1-3-20\_n3 | 0.3 | 0.3 | 0.3 | 0.3 |
| DC\_1-3-20\_n7 | 0.3 | 0.5 | 0.3 | 0.5 |
| DC\_1-3-20\_n8 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-20\_n28 | 0.3 | 0.3 | 0.6 | 0.6 |
| DC\_1-3-20\_n38 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_1-3-20\_n41 | 0.5 | 0.5 | 0.3 | 0.84 / 1.35 |
| DC\_1-3-20\_n78  DC\_1-1-3-20\_n78  DC\_1-3-3-20\_n78 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_1-3-21\_n77 | 0.6 | 0.8 | 0.9 | 0.8 |
| DC\_1-3-21\_n78 | 0.6 | 0.8 | 0.9 | 0.8 |
| DC\_1-3-21\_n79 | 0.3 | 0.8 | 0.9 | - |
| DC\_1-3-26\_n78 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_1-3\_n26-n78 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_1-3-28\_n5 | 0.3 | 0.3 | 0.6 | 0.6 |
| DC\_1-3-28\_n7 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-28\_n38 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-28\_n40 | 0.5 | 0.5 | 0.6 | 0.5 |
| DC\_1-3\_n28-n75 | 0.3 | 0.3 | 0.6 | - |
| DC\_1-3-28\_n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1\_n3-n28-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-28\_n78  DC\_1-3-3-28\_n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3\_n28-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-28\_n79 | 0.6 | 0.6 | 0.6 | - |
| DC\_1\_n3-n28-n79 | 0.6 | 0.6 | 0.6 | - |
| DC\_1-3\_n28-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3\_n28-n79 | 0.3 | 0.3 | 0.6 | - |
| DC\_1-3-32\_n28 | 0.3 | 0.3 | - | 0.6 |
| DC\_1-3-38\_n28 | 0.5 | 0.5 | 0.5 | 0.6 |
| DC\_1-3-32\_n78 | 0.6 | 0.6 | - | 0.8 |
| DC\_1-3-38\_n78 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_1-3\_n38-n78 | 0.5 | 0.6 | 0.6 | 0.8 |
| DC\_1-3\_n40-n77 | 0.5 | 0.6 | 0.36 | 0.86 |
| DC\_1-3\_n40-n78 | 0.5 | 0.6 | 0.36 | 0.86 |
| DC\_1-3-40\_n78 | 0.6 | 0.6 | 0.39 | 0.89 |
| DC\_1-3-41\_n3 | 0.5 | 0.5 | 0.34 / 0.85 | 0.5 |
| DC\_1-3-41\_n28 | 0.5 | 0.5 | 0.34 / 0.85 | 0.6 |
| DC\_1-3-41\_n41 | 0.5 | 0.5 | 0.34 / 0.85 | 0.34 / 0.85 |
| DC\_1-3\_(n)41 | 0.5 | 0.5 | 0.34 / 0.85 | 0.34 / 0.85 |
| DC\_1-3-41\_n77 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_1-3\_n41-n77 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_1-3-41\_n78 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_1-3\_n41-n78 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_1-3-41\_n79 | 0.5 | 0.5 | 0.34 / 0.85 | - |
| DC\_1-3-42\_n28 | 0.6 | 0.6 | 0.8 | 0.8 |
| DC\_1-3-42\_n77 | 0.6 | 0.6 | 0.8 | 0.8 |
| DC\_1-3-42\_n78 | 0.6 | 0.6 | 0.8 | 0.8 |
| DC\_1-3-42\_n79 | 0.6 | 0.6 | 0.8 | - |
| DC\_1-3\_n75-n78 | 0.6 | 0.6 | - | 0.8 |
| DC\_1-3\_n77-n79 | 0.6 | 0.6 | 0.8 | - |
| DC\_1\_n3-n77-n79 | 0.6 | 0.6 | 0.8 | - |
| DC\_1-3\_n78-n79 | 0.6 | 0.6 | 0.8 | - |
| DC\_1-3\_n78-n105 | 0.6 | 0.6 | 0.8 | 0.6 |
| DC\_1-3\_SUL\_n78-n80 | 0.6 | 0.6 | 0.8 | 0.6 |
| DC\_1-5-7\_n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-5-7\_n78  DC\_1-5-7-7\_n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-5\_n40-n77 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_1-5\_n40-n78 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_1-5-41\_n79 | 0.5 | 0.3 | 0.5 | - |
| DC\_1-7\_n3-n38 | 0.6 | 0.6 | 0.6 | 0.5 |
| DC\_1-7\_n3-n78 | 0.5 | 0.2 | 0.6 | 0.8 |
| DC\_1-7\_n5-n40 | 0.6 | 0.8 | 0.6 | 0.9 |
| DC\_1-7\_n7-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-7-8\_n3 | 0.6 | 0.6 | 0.3 | 0.6 |
| DC\_1-7-8\_n7 | 0.5 | 0.6 | 0.6 | 0.6 |
| DC\_1-7-8\_n20 | 0.5 | 0.6 | 0.6 | 0.6 |
| DC\_1-7-8\_n28 | 0.5 | 0.6 | 0.6 | 0.6 |
| DC\_1-7-8\_n78  DC\_1-7-7-8\_n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-7\_n8-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-7-20\_n3 | 0.3 | 0.5 | 0.3 | 0.5 |
| DC\_1-7-20\_n8 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-7-20\_n28 | 0.5 | 0.6 | 0.6 | 0.6 |
| DC\_1-7-20\_n38 | 0.5 | - | 0.3 | - |
| DC\_1-7-20\_n78  DC\_1-1-7-20\_n78  DC\_1-7-7-20\_n78 | 0.6 | 0.7 | 0.4 | 0.8 |
| DC\_1-7-26\_n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-7\_n26-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-7-28\_n3 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-7-28\_n5 | 0.3 | 0.3 | 0.6 | 0.6 |
| DC\_1-7-28\_n7 | 0.5 | 0.6 | 0.6 | 0.6 |
| DC\_1-7-28\_n20 | 0.5 | 0.6 | 0.6 | 0.6 |
| DC\_1-7-28\_n38 | 0.5 | 0.6 | 0.6 | 0.6 |
| DC\_1-7-28\_n40 | 0.6 | 0.8 | 0.6 | 0.9 |
| DC\_1-7-28\_n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-7\_n28-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-7-32\_n3 | 0.6 | 0.6 | - | 0.6 |
| DC\_1-7-32\_n8 | 0.7 | 0.7 | - | 0.6 |
| DC\_1-7-32\_n28 | 0.5 | 0.6 | - | 0.7 |
| DC\_1-7\_n40-n77  DC\_1-7-7\_n40-n77 | 0.6 | 0.5 | 0.5 | 0.8 |
| DC\_1-7-38\_n3 | 0.6 | - | - | 0.6 |
| DC\_1-7-38\_n78 | 0.3 | - | - | 0.8 |
| DC\_1-7-32\_n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-7-38\_n8 | 0.5 | - | - | 0.5 |
| DC\_1-7-38\_n28 | 0.3 | - | - | 0.6 |
| DC\_1-7-40\_n78 | 0.6 | 0.5 | 0.39 | 0.89 |
| DC\_1-7\_n40-n78 | 0.6 | 0.5 | 0.5 | 0.8 |
| DC\_1-7\_n75-n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-7\_n78-n105 | 0.6 | 0.6 | 0.8 | 0.6 |
| DC\_1-8-(n)3 | 0.3 | 0.3 | 0.3 | 0.3 |
| DC\_1-8\_n3-n28 | 0.3 | 0.6 | 0.3 | 0.6 |
| DC\_1-8\_n3-n77 | 0.6 | 0.6 | 0.8 | 0.8 |
| DC\_1-8\_n3-n79 | 0.3 | 0.3 | 0.3 | 0.8 |
| DC\_1-8-11\_n3 | 0.3 | 0.3 | 0.8 | 0.9 |
| DC\_1-8-11\_n28 | 0.3 | 0.6 | 0.4 | 0.6 |
| DC\_1-8-11\_n77 | 0.6 | 0.6 | 0.4 | 0.8 |
| DC\_1-8-11\_n78 | 0.3 | 0.6 | 0.4 | 0.8 |
| DC\_1-8-11\_n79 | 0.3 | 0.3 | 0.4 | - |
| DC\_1-8-20\_n3 | 0.3 | 0.4 | 0.4 | 0.3 |
| DC\_1-8-20\_n28 | 0.3 | 0.6 | 0.6 | 0.6 |
| DC\_1-8-20\_n78 | 0.3 | 0.6 | 0.6 | 0.8 |
| DC\_1-8-28\_n3 | 0.3 | 0.6 | 0.6 | 0.3 |
| DC\_1-8\_n28-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-8-28\_n78 | 0.3 | 0.6 | 0.6 | 0.8 |
| DC\_1-8\_n28-n78 | 0.3 | 0.6 | 0.5 | 0.8 |
| DC\_1-8\_n28-n79 | 0.3 | 0.6 | 0.6 | 0.8 |
| DC\_1-8-32\_n3 | 0.5 | 0.3 | - | 0.8 |
| DC\_1-8-32\_n78 | 0.5 | 0.6 | - | 0.8 |
| DC\_1-8-40\_n78 | 0.6 | 0.6 | 0.39 | 0.89 |
| DC\_1-8-42\_n3 | 0.3 | 0.6 | 0.8 | 0.6 |
| DC\_1-8-42\_n28 | 0.3 | 0.6 | 0.8 | 0.8 |
| DC\_1-8\_n40-n78 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_1-8-42\_n77 | 0.6 | 0.6 | 0.8 | 0.8 |
| DC\_1-8\_n77-n79 | 0.6 | 0.6 | 0.8 | 0.5 |
| DC\_1-11\_n3-n28 | 0.3 | 0.8 | 0.9 | 0.6 |
| DC\_1-11\_n3-n77 | 0.6 | 0.8 | 0.9 | 0.8 |
| DC\_1-11\_n3-n79 | 0.3 | 0.8 | 0.9 | 0.8 |
| DC\_1-11-18\_n3 | 0.3 | 0.9 | 0.3 | 0.8 |
| DC\_1-11-18\_n28 | 0.3 | 0.4 | 0.4 | 0.6 |
| DC\_1-11-18\_n41 | 0.5 | 0.4 | 0.3 | 0.5 |
| DC\_1-11-18\_n77 | 0.6 | 0.4 | 0.3 | 0.8 |
| DC\_1-11-18\_n78 | 0.3 | 0.4 | 0.3 | 0.8 |
| DC\_1-11\_n77-n79 | 0.6 | 0.4 | 0.8 | - |
| DC\_1-18\_n3-n41 | 0.3 | 0.3 | 0.3 | 0.34 |
| DC\_1-18\_n3-n77 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_1-18\_n3-n78 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_1-18\_n28-n41 | 0.3 | 0.3 | 0.5 | 0.34 |
| DC\_1-18-28\_n77 | 0.3 | 0.5 | 0.5 | 0.8 |
| DC\_1-18\_n28-n77 | 0.3 | 0.5 | 0.5 | 0.8 |
| DC\_1-18-28\_n78 | 0.3 | 0.5 | 0.5 | 0.8 |
| DC\_1-18\_n28-n78 | 0.3 | 0.5 | 0.5 | 0.8 |
| DC\_1-18-28\_n79 | 0.3 | 0.5 | 0.5 | - |
| DC\_1-18-41\_n77 | 0.6 | 0.3 | 0.5 | 0.8 |
| DC\_1-18\_n41-n77 | 0.6 | 0.3 | 0.5 | 0.8 |
| DC\_1-18-41\_n78 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_1-18\_n41-n78 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_1-18-42\_n77 | 0.3 | 0.3 | 0.8 | 0.8 |
| DC\_1-18-42\_n78 | 0.3 | 0.3 | 0.8 | 0.8 |
| DC\_1-18-42\_n79 | 0.3 | 0.3 | 0.8 | - |
| DC\_1-19-42\_n77 | 0.6 | 0.3 | 0.8 | 0.8 |
| DC\_1-19-42\_n78 | 0.3 | 0.3 | 0.8 | 0.8 |
| DC\_1-19-42\_n79 | 0.3 | 0.3 | 0.8 | - |
| DC\_1-19\_n77-n79 | 0.3 | 0.3 | 0.8 | - |
| DC\_1-19\_n78-n79 | 0.3 | 0.3 | 0.8 | - |
| DC\_1-20\_n3-n38 | 0.5 | 0.3 | 0.3 | 0.5 |
| DC\_1-20\_n3-n78 | 0.3 | 0.6 | 0.3 | 0.8 |
| DC\_1-20\_n7-n78 | 0.5 | 0.3 | 0.3 | 0.8 |
| DC\_1-20\_n8-n78 | 0.3 | 0.6 | 0.6 | 0.8 |
| DC\_1-20-28\_n3 | 0.3 | 0.6 | 0.6 | 0.3 |
| DC\_1-20\_n28-n75 | 0.3 | 0.6 | 0.7 | - |
| DC\_1-20-28\_n78 | 0.3 | 0.6 | 0.6 | 0.8 |
| DC\_1-20\_n28-n78 | 0.3 | 0.6 | 0.6 | 0.8 |
| DC\_1-20-32\_n3 | 0.5 | 0.3 | - | 0.5 |
| DC\_1-20-32\_n28 | 0.3 | 0.6 | - | 0.7 |
| DC\_1-20-32\_n78 | 0.3 | 0.3 | - | 0.8 |
| DC\_1-20-38\_n3 | 0.3 | 0.3 | 0.3 | 0.3 |
| DC\_1-20\_(n)38 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_1-20-38\_n8 | 0.5 | 0.5 | 0.5 | 0.6 |
| DC\_1-20-38\_n78 | 0.3 | 0.6 | - | 0.8 |
| DC\_1-20-40\_n78 | 0.5 | 0.3 | 0.59 | 0.89 |
| DC\_1-20\_n41-n78 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_1-21-28\_n77 | 0.6 | 0.4 | 0.6 | 0.8 |
| DC\_1-21-28\_n78 | 0.3 | 0.4 | 0.6 | 0.8 |
| DC\_1-21-28\_n79 | 0.3 | 0.4 | 0.6 | - |
| DC\_1-21\_n28-n77 | 0.3 | 0.4 | 0.6 | 0.8 |
| DC\_1-21\_n28-n78 | 0.6 | 0.4 | 0.6 | 0.8 |
| DC\_1-21\_n28-n79 | 0.3 | 0.4 | 0.6 | - |
| DC\_1-21-42\_n77 | 0.6 | 0.4 | 0.8 | 0.8 |
| DC\_1-21-42\_n78 | 0.3 | 0.4 | 0.8 | 0.8 |
| DC\_1-21-42\_n79 | 0.3 | 0.4 | 0.8 | - |
| DC\_1-21\_n77-n79 | 0.3 | 0.3 | 0.8 |  |
| DC\_1-21\_n78-n79 | 0.3 | 0.3 | 0.8 |  |
| DC\_1-28\_n3-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-28\_n3-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-28\_n5-n40 | 0.6 | 0.6 | 0.6 | 0.9 |
| DC\_1-28-(n)7 | 0.5 | 0.6 | 0.6 | 0.6 |
| DC\_1-28\_n7-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-28-32\_n3 | 0.5 | 0.6 | - | 0.5 |
| DC\_1-28-40\_n78 | 0.5 | 0.5 | 0.36 | 0.86 |
| DC\_1-28\_n40-n78 | 0.5 | 0.5 | 0.36 | 0.86 |
| DC\_1-28-42\_n77 | 0.6 | 0.6 | 0.8 | 0.8 |
| DC\_1-28-42\_n78 | 0.3 | 0.6 | 0.8 | 0.8 |
| DC\_1-28-42\_n79 | 0.3 | 0.6 | 0.8 |  |
| DC\_1\_n28-n77-n79 | 0.6 | 0.6 | 0.8 | 0.5 |
| DC\_1\_n28-n78-n79 | 0.3 | 0.6 | 0.8 | 0.5 |
| DC\_1-38\_n3-n78 | 0.5 | 0.6 | 0.6 | 0.8 |
| DC\_1-38\_n7-n78 | 0.6 | 0.5 | 0.6 | 0.8 |
| DC\_1-38\_n28-n78 | 0.5 | 0.5 | 0.5 | 0.8 |
| DC\_1\_n40-n78-n105 | 0.5 | 0.5 | 0.8 | 0.5 |
| DC\_1-41\_n3-n41 | 0.5 | 0.34 / 0.85 | 0.5 | 0.34 / 0.85 |
| DC\_1-41\_n3-n77 | 0.6 | 0.34 / 0.85 | 0.6 | 0.8 |
| DC\_1-41\_n3-n78 | 0.6 | 0.34 / 0.85 | 0.6 | 0.8 |
| DC\_1-41\_n28-n41 | 0.5 | 0.34 / 0.85 | 0.5 | 0.34 / 0.85 |
| DC\_1-41\_n28-n77 | 0.6 | 0.5 | 0.5 | 0.8 |
| DC\_1-41\_n28-n78 | 0.5 | 0.5 | 0.5 | 0.8 |
| DC\_1-41\_n41-n77 | 0.5 | 0.5 | 0.5 | 0.8 |
| DC\_1-41\_n41-n78 | 0.5 | 0.5 | 0.5 | 0.8 |
| DC\_1-41-42\_n77 | 0.5 | 0.5 | 0.8 | 0.8 |
| DC\_1-41-42\_n78 | 0.5 | 0.5 | 0.8 | 0.8 |
| DC\_1-41-42\_n79 | 0.5 | 0.5 | 0.8 | - |
| DC\_1-42\_n3-n28 | 0.3 | 0.8 | 0.6 | 0.8 |
| DC\_1-42\_n3-n77 | 0.6 | 0.8 | 0.6 | 0.8 |
| DC\_1-42\_n77-n79 | 0.6 | 0.8 | 0.8 | - |
| DC\_1-42\_n28-n77 | 0.6 | 0.8 | 0.8 | 0.8 |
| DC\_1-42\_n78-n79 | 0.3 | 0.8 | 0.8 | - |
| DC\_2-4-7\_n28 | 0.5 | 0.5 | 0.5 | 0.6 |
| DC\_2-4-7\_n78 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_2-5\_n2-n66 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-5\_n2-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-5\_n2-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-5\_n5-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-5-7\_n2 | 0.5 | 0.3 | 0.5 | 0.3 |
| DC\_2-5-7\_n7 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-5-7\_n66  DC\_2-2-5-7\_n66  DC\_2-5-7-7\_n66 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-5-7\_n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-5-7\_n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-5\_(n)12 | 0.3 | 0.8 | 0.4 | 0.4 |
| DC\_2-12\_(n)5 | - | 0.5 | 0.3 | 0.5 |
| DC\_2-5-30\_n2 | 0.5 | 0.3 | 0.3 | 0.5 |
| DC\_2-5-30\_n66 | 0.5 | 0.3 | 0.3 | 0.5 |
| DC\_2-5-30\_n77  DC\_2-2-5-30\_n77 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_2-5-48\_n12 | 0.6 | 0.8 | 0.8 | 0.4 |
| DC\_2-5-48\_n71 | 0.6 | 0.5 | 0.8 | 0.5 |
| DC\_2-5-48\_n77 | 0.6 | 0.6 | 0.8 | 0.8 |
| DC\_2-5-66\_n2 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-5-66\_n5 | 0.5 | 0.3 | 0.5 | 0.3 |
| DC\_2-5-66\_n7 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-5-66\_n12 | 0.3 | 0.5 | 0.5 | 0.3 |
| DC\_2-5-66\_n30  DC\_2-2-5-66\_n30  DC\_2-5-66-66\_n30 | 0.5 | 0.3 | 0.5 | 0.3 |
| DC\_2-5-66\_n48  DC\_2-5-66-66\_n48 | 0.5 | 0.3 | 0.5 | 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 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-5-66\_n71 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_2-5-66\_n77  DC\_2-2-5-66\_n77  DC\_2-5-66-66\_n77 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_2-5-66\_n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-5\_n66-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-5\_n66-n78 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_2-7\_n2-n66 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_2-7\_n2-n71 | 0.5 | 0.5 | 0.5 | 0.6 |
| DC\_2-7\_n2-n77 | 0.6 | 0.5 | 0.6 | 0.8 |
| DC\_2-7\_n2-n78 | 0.6 | 0.5 | 0.6 | 0.8 |
| DC\_2-7-12\_n2 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-7-12\_n66 DC\_2-2-7-12\_n66 | 0.5 | 0.5 | 0.8 | 0.5 |
| DC\_2-7-12\_n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-7-12\_n78 DC\_2-2-7-12\_n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-7-13\_n25 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-7-13\_n66  DC\_2-7-7-13\_n66  DC\_2-2-7-7-13\_n66 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-7\_n25-n66 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_2-7-28\_n7 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-7-28\_n66 | 0.5 | 0.5 | 0.6 | 0.5 |
| DC\_2-7-28\_n78 | 0.5 | 0.5 | 0.3 | 0.8 |
| DC\_2-7-29\_n78  DC\_2-7-7-29\_n78 | 0.6 | 0.5 | - | 0.8 |
| DC\_2-7\_n38-n66  DC\_2-7-7\_n38-n66 | 0.5 | - | - | 0.5 |
| DC\_2-7-38\_n78 | 0.6 | - | - | 0.8 |
| DC\_2-7\_n38-n78  DC\_2-7-7\_n38-n78 | 0.6 | - | - | 0.8 |
| DC\_2-7-66\_n2 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_2-7-66\_n7  DC\_2-7-66-66\_n7 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_2-7-66\_n25 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_2-7-66\_n28 | 0.5 | 0.5 | 0.5 | 0.6 |
| DC\_2-7-66\_n38  DC\_2-2-7-66\_n38 | 0.5 | - | 0.5 | - |
| DC\_2-7-66\_n66 DC\_2-7-7-66\_n66 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_2-7-66\_n71 DC\_2-2-7-66\_n71 | 0.5 | 0.5 | 0.5 | 0.3 |
| DC\_2-7\_n66-n71 | 0.5 | 0.5 | 0.5 | 0.3 |
| DC\_2-7-66\_n77 | 0.6 | 0.5 | 0.6 | 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 | 0.6 | 0.5 | 0.6 | 0.8 |
| DC\_2-7\_n66-n77 | 0.6 | 0.5 | 0.6 | 0.8 |
| DC\_2-7-71\_n2 | 0.5 | 0.5 | 0.6 | 0.5 |
| DC\_2-7-71\_n66 DC\_2-2-7-71\_n66 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-7-71\_n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-7\_n71-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-7-71\_n78 DC\_2-2-7 -71\_n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-7\_n71-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-12\_n2-n41 | 0.5 | 0.3 | 0.5 | 0.41 / 0.92 |
| DC\_2-12\_n2-n66 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-12\_n2-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-12\_n2-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-12-30\_n2 | 0.5 | 0.3 | 0.3 | 0.5 |
| DC\_2-12-30\_n66 | 0.5 | 0.8 | 0.3 | 0.5 |
| DC\_2-12-30\_n77  DC\_2-2-12-30\_n77 | 0.6 | 0.5 | 0.3 | 0.8 |
| DC\_2-12\_n41-n66 | 0.5 | 0.8 | 0.51 / 12 | 0.5 |
| DC\_2-12-48\_n5 | 0.6 | 0.4 | 0.8 | 0.8 |
| DC\_2-12-66\_n5 | 0.5 | 0.8 | 0.5 | 0.8 |
| DC\_2-12-66\_n2 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-12-66\_n30  DC\_2-2-12-66\_n30  DC\_2-12-66-66\_n30 | 0.5 | 0.8 | 0.5 | 0.3 |
| DC\_2-12-66\_n66 | 0.5 | 0.8 | 0.5 | 0.5 |
| DC\_2-12-66\_n77  DC\_2-2-12-66\_n77  DC\_2-12-66-66\_n77 | 0.6 | 0.8 | 0.6 | 0.8 |
| DC\_2-12\_n66-n77 | 0.6 | 0.8 | 0.6 | 0.8 |
| DC\_2-12-66\_n78 DC\_2-2-12-66\_n78 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_2-12\_n66-n78 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_2-13\_n25-n66 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-13-48\_n77 | 0.6 | 0.5 | 0.6 | 0.8 |
| DC\_2-13-66\_n2 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-13-66\_n5 | 0.5 | 0.3 | 0.5 | 0.3 |
| DC\_2-13-66\_n48 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_2-13-66\_n66 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-13-66\_n77  DC\_2-2-13-66\_n77  DC\_2-2-13-66-66\_n77  DC\_2-13-66-66\_n77 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_2-13\_n66-n77 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_2-14-30\_n2 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-14-30\_n66 | 0.5 | 0.3 | 0.3 | 0.5 |
| DC\_2-14-30\_n77  DC\_2-2-14-30\_n77 | 0.6 | 0.5 | 0.3 | 0.8 |
| DC\_2-14-66\_n2  DC\_2-14-66-66\_n2 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-14-66\_n30  DC\_2-2-14-66\_n30  DC\_2-14-66-66\_n30 | 0.5 | 0.3 | 0.5 | 0.3 |
| DC\_2-14-66\_n66  DC\_2-2-14-66\_n66 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-14-66\_n77  DC\_2-2-14-66\_n77  DC\_2-14-66-66\_n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-28-66\_n7 | 0.5 | 0.6 | 0.5 | 0.5 |
| DC\_2-28-66\_n66 | 0.5 | 0.6 | 0.5 | 0.5 |
| DC\_2-29-30\_n2 | 0.5 | - | 0.3 | 0.5 |
| DC\_2-29-30\_n66 | 0.5 | - | 0.3 | 0.5 |
| DC\_2-29-30\_n77  DC\_2-2-29-30\_n77 | 0.6 | - | 0.3 | 0.8 |
| DC\_2-29-66\_n2  DC\_2-29-66-66\_n2 | 0.5 | - | 0.5 | 0.5 |
| DC\_2-29-66\_n30  DC\_2-2-29-66\_n30  DC\_2-29-66-66\_n30 | 0.5 | - | 0.5 | 0.3 |
| DC\_2-29-66\_n66 | 0.5 | - | 0.5 | 0.5 |
| DC\_2-29-66\_n77 | 0.6 | - | 0.6 | 0.8 |
| DC\_2-29-66\_n78 | 0.6 | - | 0.6 | 0.8 |
| DC\_2-30-(n)5  DC\_2-2-30-(n)5 | 0.5 | 0.3 | 0.3 | 0.3 |
| DC\_2-30-66\_n2  DC\_2-30-66-66\_n2 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-30-66\_n5 | 0.5 | 0.3 | 0.5 | 0.3 |
| DC\_2-30-66\_n66 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-30-66\_n77  DC\_2-2-30-66\_n77  DC\_2-30-66-66\_n77 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_2-46\_n41-n66 | 0.5 | - | 0.5 | 0.5 |
| DC\_2-46\_n41-n71 | 0.5 | - | 0.5 | 0.6 |
| DC\_2-46-48\_n2 | 0.6 | - | 0.8 | 0.6 |
| DC\_2-46-48\_n5 | 0.6 | - | 0.8 | 0.3 |
| DC\_2-46-48\_n66 | 0.6 | - | 0.8 | 0.6 |
| DC\_2-46-66\_n5 | 0.5 | - | 0.5 | 0.3 |
| DC\_2-46-66\_n41 | 0.5 | - | 0.5 | 0.81 / 1.32 |
| DC\_2-46-66\_n71 | - | - | 0.3 | 0.3 |
| DC\_2-48-66\_n77 | 0.6 | 0.8 | 0.6 | 0.8 |
| DC\_2-48\_n48-n66 | 0.6 | 0.8 | 0.8 | 0.6 |
| DC\_2-48\_(n)5 | 0.6 | 0.3 | 0.8 | 0.3 |
| DC\_2-46\_n66\_n71 | 0.5 | - | 0.5 | 0.3 |
| DC\_2-48-66\_n2 | 0.6 | 0.8 | 0.6 | 0.6 |
| DC\_2-48-66\_n5 | 0.6 | 0.8 | 0.6 | - |
| DC\_2-48-66\_n12 | 0.6 | 0.8 | 0.6 | 0.3 |
| DC\_2-48-66\_n66 | 0.6 | 0.8 | 0.6 | 0.6 |
| DC\_2-48-66\_n71 | 0.6 | 0.8 | 0.6 | 0.3 |
| DC\_2-66\_n2-n41 | 0.5 | 0.5 | 0.5 | 0.51 / 12 |
| DC\_2-66\_n2-n71 | 0.5 | 0.5 | 0.5 | 0.3 |
| DC\_2-66\_n2-n77  DC\_2-66-66\_n2-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-66\_n2-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-66\_(n)5  DC\_2-2-66\_(n)5  DC\_2-66-66\_(n)5 | 0.5 | 0.3 | 0.5 | 0.3 |
| DC\_2-66\_n5-n77 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_2-66\_n12-n77 | 0.6 | 0.6 | 0.8 | 0.8 |
| DC\_2-66\_n12-n78 | 0.6 | 0.6 | 0.8 | 0.8 |
| DC\_2-66\_n25-n66 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_2-66\_n38-n78 | 0.6 | 0.6 | 0.9 | 0.8 |
| DC\_2-66\_n41-n71 | 0.5 | 0.5 | 0.81 / 1.32 | 0.8 |
| DC\_2-66\_n66-n71 | 0.5 | 0.5 | 0.5 | 0.3 |
| DC\_2-66\_n66-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-66\_n66-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-66-71\_n2 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-66-71\_n38  DC\_2-2-66-71\_n38 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-66-71\_n41 DC\_2-2-66-71\_n41 | 0.5 | 0.5 | 0.8 | 0.81 / 1.32 |
| DC\_2-66-71\_n66 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-66-(n)71 | 0.5 | 0.5 | 0.3 | 0.3 |
| DC\_2-66-71\_n71 | 0.5 | 0.5 | 0.3 | 0.3 |
| DC\_2-66-71\_n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-66\_n71-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-66-71\_n78  DC\_2-2-66-71\_n78 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-66\_n71-n78 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-71\_n2-n41 | 0.5 | 0.6 | 0.5 | 0.41 / 0.92 |
| DC\_2-71\_n2-n66 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-71\_n2-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-71\_n2-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-71\_n41-n66 | 0.5 | 0.8 | 0.81 / 1.32 | 0.8 |
| DC\_2-71\_n66-n77 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_2-71\_n66-n78 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_3\_n1-n28-n75 | 0.3 | 0.3 | 0.7 | N/A |
| DC\_3\_n1-n75-n78 | 0.6 | 0.6 | N/A | 0.8 |
| DC\_3\_n1-n40-n78 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_3\_n1-n77-n79 | 0.6 | 0.6 | 0.8 | 0.5 |
| DC\_3\_n1-n78-n79 | 0.6 | 0.3 | 0.8 | 0.5 |
| DC\_3-5-7\_n40  DC\_3-5-7-7\_n40 | 0.6 | 0.6 | 0.8 | 0.9 |
| DC\_3-5-7\_n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-5-7\_n78  DC\_3-5-7-7\_n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-5\_n40-n77 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_3-5\_n40-n78 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_3\_n5-n40-n78 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_3-5-41\_n79 | 0.5 | 0.33 | 0.34 / 0.85 | - |
| DC\_3-7\_n1-n8 DC\_3-3-7\_n1-n8 DC\_3-3-7-7\_n1-n8 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_3-7\_n1-n28 | 0.6 | 0.6 | 0.6 | 0.5 |
| DC\_3-7\_n1-n40 | 0.6 | 0.8 | 0.6 | 0.9 |
| DC\_3-7\_n1-n75 | 0.6 | 0.6 | 0.6 | - |
| DC\_3-7\_n1-n78 | 0.7 | 0.7 | 0.7 | 0.8 |
| DC\_3-7\_n3-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-7\_n5-n40 | 0.6 | 0.8 | 0.6 | 0.9 |
| DC\_3-7\_n7-n78 | 0.6 | 0.6 | 0.6 | 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 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_3-7-8\_n28 | 0.5 | 0.5 | 0.6 | 0.5 |
| DC\_3-7-8\_n40 | 0.5 | 0.5 | 0.6 | 0.6 |
| DC\_3-7-8\_n77 | 0.6 | 0.6 | 0.6 | 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 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-7\_n8-n78  DC\_3-3-7\_n8-n78 DC\_3-7-7\_n8-n78 DC\_3-3-7-7\_n8-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-7-20\_n1 | 0.6 | 0.6 | 0.3 | 0.6 |
| DC\_3-7-20\_n3 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_3-7-20\_n8 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_3-7-20\_n28 | 0.5 | 0.5 | 0.6 | 0.5 |
| DC\_3-7-20\_n38 | 0.5 | - | 0.3 | - |
| DC\_3-7-20\_n78  DC\_3-3-7-20\_n78  DC\_3-7-7-20\_n78 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_3-7-26\_n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-7\_n26-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-7-28\_n1  DC\_3-7-7-28\_n1 | 0.6 | 0.6 | 0.5 | 0.6 |
| DC\_3-7-28\_n3 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_3-7-28\_n5 | 0.5 | 0.5 | 0.4 | 0.4 |
| DC\_3-7-28\_n7 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_3-7-28\_n38 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_3-7-28\_n40 | 0.6 | 0.8 | 0.3 | 0.9 |
| DC\_3-7-28\_n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-7\_n28-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-7-32\_n1 | 0.6 | 0.6 | - | 0.6 |
| DC\_3-7-32\_n28 | 0.5 | 0.5 | - | 0.3 |
| DC\_3-7-32\_n78 | 0.6 | 0.6 | - | 0.8 |
| DC\_3-7-38\_n28 | 0.3 | - | - | 0.3 |
| DC\_3-7-38\_n78 | 0.6 | - | - | 0.8 |
| DC\_3-7-40\_n1 | 0.6 | 0.8 | 0.9 | 0.6 |
| DC\_3-7\_n40-n77  DC\_3-7-7\_n40-n77 | 0.6 | 0.5 | 0.5 | 0.8 |
| DC\_3-7-40\_n78 | 0.6 | 0.5 | 0.39 | 0.89 |
| DC\_3-7\_n40-n78 | 0.6 | 0.5 | 0.5 | 0.8 |
| DC\_3-7\_n75-n78 | 0.6 | 0.6 | - | 0.8 |
| DC\_3-7\_n78-n105 | 0.6 | 0.6 | 0.8 | 0.6 |
| DC\_3-7\_SUL\_n78-n80 | 0.6 | 0.6 | 0.8 | 0.6 |
| DC\_3-8\_n1-n28 | 0.3 | 0.6 | 0.3 | 0.6 |
| DC\_3-3-8\_n1-n78 | 0.5 | 0.5 | 0.5 | 0.6 |
| DC\_3\_n1-n8-n78 | 0.5 | 0.5 | 0.5 | 0.6 |
| DC\_3-8\_n1-n78  DC\_3-3-8\_n1-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-8-11\_n28 | 0.8 | 0.6 | 0.9 | 0.6 |
| DC\_3-8-11\_n77 | 0.8 | 0.6 | 0.9 | 0.8 |
| DC\_3-8-20\_n1 | 0.3 | 0.4 | 0.4 | 0.3 |
| DC\_3-8-20\_n28 | 0.3 | 0.6 | 0.5 | 0.5 |
| DC\_3-8-20\_n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-8\_n28-n77 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_3-8-28\_n78 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_3-8\_n28-n78 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_3-8-32\_n1 | 0.5 | 0.3 | - | 0.8 |
| DC\_3-8-32\_n28 | 0.3 | 0.3 | - | 0.6 |
| DC\_3-8-32\_n78 | 0.8 | 0.6 | - | 0.8 |
| DC\_3-8-40\_n1 | 0.5 | 0.5 | 0.6 | 0.5 |
| DC\_3-8-40\_n78 | 0.6 | 0.6 | 0.39 | 0.89 |
| DC\_3-8\_n40-n78 | 0.6 | 0.3 | 0.5 | 0.8 |
| DC\_3-8\_n40-n79 | 0.5 | 0.3 | 0.5 | - |
| DC\_3-8-41\_n1  DC\_3-3-8-41\_n1 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_3-8-41\_n78  DC\_3-3-8-41\_ n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-8-42\_n77 | 0.6 | 0.6 | 0.8 | 0.8 |
| DC\_(n)3-n8-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-8\_n77-n79 | 0.6 | 0.6 | 0.8 | 0.5 |
| DC\_3-8\_SUL\_n78-n80 | 0.6 | 0.6 | 0.8 | 0.6 |
| DC\_3-11\_n28-n77 | 0.8 | 0.9 | 0.6 | 0.8 |
| DC\_3-18\_n3-n41 | 0.6 | 0.3 | 0.6 | 0.34 / 0.85 |
| DC\_3-18\_n3-n77 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_3-18\_n3-n78 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_3-18\_n28-n41 | 0.6 | 0.3 | 0.5 | 0.34 / 0.85 |
| DC\_3-18\_n28-n77 | 0.6 | 0.3 | 0.5 | 0.8 |
| DC\_3-18\_n28-n78 | 0.6 | 0.3 | 0.5 | 0.8 |
| DC\_3-18\_n41-n77 | 0.6 | 0.3 | 0.5 | 0.8 |
| DC\_3-18\_n41-n78 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_3-18-42\_n77 | 0.3 | 0.3 | 0.8 | 0.8 |
| DC\_3-18-42\_n78 | 0.3 | 0.3 | 0.8 | 0.8 |
| DC\_3-18-42\_n79 | 0.6 | 0.3 | 0.8 | - |
| DC\_3-19\_n1-n77 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_3-19\_n1-n78 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_3-19\_n1-n79 | 0.3 | 0.3 | 0.3 | - |
| DC\_3-19-21\_n77 | 0.8 | 0.3 | 0.9 | 0.8 |
| DC\_3-19-21\_n78 | 0.8 | 0.3 | 0.9 | 0.8 |
| DC\_3-19-21\_n79 | 0.8 | 0.3 | 0.9 | - |
| DC\_3-19-42\_n1 | 0.6 | 0.3 | 0.8 | - |
| DC\_3-19-42\_n77 | 0.6 | 0.3 | 0.8 | 0.8 |
| DC\_3-19-42\_n78 | 0.6 | 0.3 | 0.8 | 0.8 |
| DC\_3-19-42\_n79 | 0.6 | 0.3 | 0.8 | - |
| DC\_3-19\_n77-n79 | 0.6 | 0.3 | 0.8 | - |
| DC\_3-19\_n78-n79 | 0.6 | 0.3 | 0.8 | - |
| DC\_3-20\_n1-n7 | 0.6 | 0.3 | 0.6 | 0.6 |
| DC\_3-20\_n1-n28 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_3-20\_n1-n75 | 0.5 | 0.3 | 0.5 | - |
| DC\_3-20\_n1-n78 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_3-20\_n3-n67 | 0.3 | 0.5 | 0.3 | - |
| DC\_3-20\_n7-n28 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_3-20\_n8-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-20-28\_n1 | 0.3 | 0.6 | 0.6 | 0.3 |
| DC\_3-20\_n28-n75 | 0.3 | 0.5 | 0.5 | - |
| DC\_3-20-28\_n78  DC\_3-3-20-28\_n78 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_3-20\_n28-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-20-32\_n1 | 0.5 | 0.3 | - | 0.5 |
| DC\_3-20-32\_n7 | 0.7 | 0.3 | - | 0.7 |
| DC\_3-20-32\_n28 | 0.3 | 0.5 | - | 0.5 |
| DC\_3-20-32\_n78 | 0.5 | 0.3 | - | 0.8 |
| DC\_3-20-38\_n78 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_3-20\_n38-n78 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_3-20-40\_n78 | 0.6 | 0.5 | 0.36 | 0.86 |
| DC\_3-20-41\_n1  DC\_3-3-20-41\_n1 | 0.6 | 0.3 | 0.6 | 0.6 |
| DC\_3-20-41\_n78  DC\_3-3-20-41\_n78  DC\_3-20\_n41-n78 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_3-20-67\_n3 | 0.3 | 0.5 | - | 0.3 |
| DC\_3\_20\_SUL\_n78-n80 | 0.5 | 0.3 | 0.8 | 0.5 |
| DC\_3-21\_n1-n77 | 0.8 | 0.9 | 0.6 | 0.8 |
| DC\_3-21\_n1-n78 | 0.8 | 0.9 | 0.6 | 0.8 |
| DC\_3-21\_n1-n79 | 0.8 | 0.9 | 0.3 | - |
| DC\_3-21\_n28-n77 | 0.8 | 0.9 | 0.5 | 0.8 |
| DC\_3-21\_n28-n78 | 0.8 | 0.9 | 0.5 | 0.8 |
| DC\_3-21\_n28-n79 | 0.8 | 0.9 | 0.3 | - |
| DC\_3-21-42\_n1 | 0.8 | 0.9 | 0.8 | 0.6 |
| DC\_3-21-42\_n77 | 0.8 | 0.9 | 0.8 | 0.8 |
| DC\_3-21-42\_n78 | 0.8 | 0.9 | 0.8 | 0.8 |
| DC\_3-21-42\_n79 | 0.8 | 0.9 | 0.8 | - |
| DC\_3-21\_n77-n79 | 0.8 | 0.9 | 0.8 | - |
| DC\_3-21\_n78-n79 | 0.8 | 0.9 | 0.8 | - |
| DC\_3-28\_n1-n40 | 0.5 | 0.6 | 0.5 | 0.5 |
| DC\_3-28\_n1-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-28\_n3-n78 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_3-28\_n5-n40 | 0.6 | 0.6 | 0.6 | 0.9 |
| DC\_3-28-(n)7 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_3-28\_n7-n78  DC\_3-3-28\_n7-n78 | 1.0 | 0.5 | 0.8 | 0.8 |
| DC\_3-28-32\_n1 | 0.3 | 0.6 | - | 0.3 |
| DC\_3-28-40\_n78 | 0.6 | 0.5 | 0.36 | 0.86 |
| DC\_3-28\_n40-n78 | 0.6 | 0.5 | 0.36 | 0.86 |
| DC\_3-28-41\_n78 | 1.0 | 0.5 | 0.34 / 0.85 | 0.8 |
| DC\_3-28-42\_n77 | 0.6 | 0.5 | 0.8 | 0.8 |
| DC\_3-28-42\_n78 | 0.6 | 0.5 | 0.8 | 0.8 |
| DC\_3-28-42\_n79 | 0.6 | 0.5 | 0.8 | - |
| DC\_3\_n28-n77-n79 | 0.6 | 0.5 | 0.8 | 0.5 |
| DC\_3\_n28-n78-n79 | 0.6 | 0.5 | 0.8 | 0.5 |
| DC\_3-32\_n1-n28 | 0.3 | - | 0.3 | 0.6 |
| DC\_3-32\_n1-n78 | 0.6 | - | 0.6 | 0.8 |
| DC\_3-38\_n7-n78 | 0.6 | - | - | 0.8 |
| DC\_3-32-38\_n28 | 0.7 | - | 0.7 | 0.6 |
| DC\_3-38\_n28-n78 | 1.0 | 0.3 | 0.5 | 0.8 |
| DC\_3-40\_n1-n78 | 0.6 | 0.36 | 0.5 | 0.86 |
| DC\_3\_n40-n41-n79 | 0.5 | 0.5 | 0.54/0.85 | 0.8 |
| DC\_3\_n40-n78-n105 | 0.5 | 0.5 | 0.8 | 0.5 |
| DC\_3-41\_n1-n78  DC\_3-3-41\_n1-n78 | 0.6 | 0.5 | 0.6 | 0.8 |
| DC\_3-41\_n3-n41 | 0.5 | 0.34 / 0.85 | 0.5 | 0.34 / 0.85 |
| DC\_3-41\_n3-n77 | 0.6 | 0.34 / 0.85 | 0.6 | 0.8 |
| DC\_3-41\_n3-n78 | 0.6 | 0.34 / 0.85 | 0.6 | 0.8 |
| DC\_3-41\_n28-n41 | 0.6 | 0.34 / 0.85 | 0.5 | 0.34 / 0.85 |
| DC\_3-41\_n28-n77 | 0.6 | 0.34 / 0.85 | 0.5 | 0.8 |
| DC\_3-41\_n28-n78 | 1.0 | 0.34 / 0.85 | 0.5 | 0.8 |
| DC\_3-41\_n41-n77 | 0.6 | 0.34 / 0.85 | 0.34 / 0.85 | 0.8 |
| DC\_3-41\_n41-n78 | 0.6 | 0.34 / 0.85 | 0.34 / 0.85 | 0.8 |
| DC\_3-41-42\_n77 | 1.0 | 0.34 / 0.85 | 0.8 | 0.8 |
| DC\_3-41-42\_n78 | 1.0 | 0.34 / 0.85 | 0.8 | 0.8 |
| DC\_3-41-42\_n79 | 1.0 | 0.34 / 0.85 | 0.8 | - |
| DC\_3-42\_n1-n77 | 0.6 | 0.8 | 0.6 | 0.8 |
| DC\_3-42\_n1-n78 | 0.6 | 0.8 | 0.6 | 0.8 |
| DC\_3-42\_n1-n79 | 0.6 | 0.8 | 0.6 | - |
| DC\_3-42\_n28-n77 | 0.6 | 0.8 | 0.8 | 0.8 |
| DC\_3-42\_n77-n79 | 0.6 | 0.8 | 0.8 | - |
| DC\_3-42\_n78-n79 | 0.6 | 0.8 | 0.8 | - |
| DC\_5-7\_n2-n66 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_5-7\_n2-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_5-7\_n2-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_5-7\_n40-n77  DC\_5-7-7\_n40-n77 | 0.3 | 0.5 | 0.5 | 0.8 |
| DC\_5-7\_n40-n78 | 0.3 | 0.5 | 0.5 | 0.8 |
| DC\_5-7-66\_n2 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_5-7-66\_n7  DC\_5-7-66-66\_n7 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_5-7-66\_n66 DC\_5-7-7-66\_n66 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_5-7-66\_n77 | 0.3 | 0.5 | 0.5 | 0.8 |
| DC\_5-7\_n66-n77 | 0.5 | 0.8 | 1.0 | 0.8 |
| DC\_5-7\_n66-n78 | 0.5 | 0.8 | 1.0 | 0.8 |
| DC\_5-7-66\_n78 | 0.3 | 0.5 | 0.5 | 0.8 |
| DC\_5-30-66\_n2 | 0.3 | 0.3 | 0.5 | 0.5 |
| DC\_5-30-66\_n66 | 0.3 | 0.3 | 0.5 | 0.5 |
| DC\_5-30-66\_n77  DC\_5-30-66-66\_n77 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_5-48\_(n)12 | 0.8 | 0.4 | 0.3 | 0.8 |
| DC\_5-48-66\_n12 | 0.8 | 0.8 | 0.6 | 0.4 |
| DC\_5-48-66\_n71 | 0.5 | 0.8 | 0.6 | 0.5 |
| DC\_5-48-66\_n77 | 0.6 | 0.8 | 0.6 | 0.8 |
| DC\_5-66\_n2-n77  DC\_5-66-66\_n2-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_5-66\_n2-n78 | 0.3 | 0.5 | 0.5 | 0.8 |
| DC\_5-66\_n5-n77  DC\_5-66-66\_n5-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_5-66\_(n)12 | 0.3 | 0.8 | 0.8 | 0.8 |
| DC\_5-66\_n66-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_7\_n1-n75-n78 | 0.6 | 0.6 | N/A | 0.8 |
| DC\_7-8\_n1-n40 | 0.8 | 0.6 | 0.6 | 0.9 |
| DC\_7-8\_n1-n78  DC\_7-7-8\_n1-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_7-8-20\_n1 | 0.6 | 0.6 | 0.6 | 0.5 |
| DC\_7-8-20\_n3 | 0.5 | 0.6 | 0.4 | 0.5 |
| DC\_7-8\_n28-n78 | 0.5 | 0.6 | 0.5 | 0.8 |
| DC\_7-8-32\_n1 | 0.7 | 0.6 | - | 0.7 |
| DC\_7-8-32\_n78 | 0.7 | 0.6 | - | 0.8 |
| DC\_7-8-38\_n1 | - | 0.5 | - | 0.5 |
| DC\_7-8-40\_n1 | 0.8 | 0.6 | 0.9 | 0.6 |
| DC\_7-8-40\_n78 | 0.5 | 0.6 | 0.39 | 0.89 |
| DC\_7-8\_n40-n78 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_7-12\_n2-n66 | 0.5 | 0.8 | 0.5 | 0.5 |
| DC\_7-12\_n2-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_7-12\_n2-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_7-12-66\_n2 | 0.5 | 0.8 | 0.5 | 0.5 |
| DC\_7-12-66\_n66 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_7-12-66\_n77 | 0.8 | 0.5 | 1.0 | 0.8 |
| DC\_7-12\_n66-n77 | 0.8 | 0.5 | 1.0 | 0.8 |
| DC\_7-12-66\_n78 | 0.8 | 0.5 | 1.0 | 0.8 |
| DC\_7-12\_n66-n78 | 0.8 | 0.5 | 1.0 | 0.8 |
| DC\_7-13\_n25-n66 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_7-13-66\_n66 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_7-20\_n1-n75 | 0.7 | 0.3 | 0.7 | - |
| DC\_7-20\_n1-n78 | 0.7 | 0.4 | 0.6 | 0.8 |
| DC\_7-20\_n3-n38 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_7-20\_n3-n78 | 0.5 | 0.6 | 0.5 | 0.8 |
| DC\_7-20\_n8-n78 | 0.5 | 0.6 | 0.6 | 0.8 |
| DC\_7-20-28\_n1 | 0.6 | 0.6 | 0.6 | 0.5 |
| DC\_7-20-28\_n3 | 0.5 | 0.6 | 0.5 | 0.5 |
| DC\_7-20\_n28-n78 | 0.3 | 0.6 | 0.6 | 0.8 |
| DC\_7-20-32\_n1 | 0.6 | 0.3 | - | 0.5 |
| DC\_7-20-32\_n3 | 0.7 | 0.3 | - | 0.3 |
| DC\_7-20-32\_n8 | 0.7 | 0.6 | - | 0.6 |
| DC\_7-20-32\_n28 | 0.3 | 0.5 | - | 0.7 |
| DC\_7-20-32\_n78 | 0.7 | 0.5 | - | 0.8 |
| DC\_7-20-38\_n1 | - | 0.3 | - | 0.5 |
| DC\_7-20-38\_n3 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_7-20-38\_n8 | - | 0.6 | - | 0.6 |
| DC\_7-20-38\_n78 | - | 0.6 | - | 0.8 |
| DC\_7-28\_n1-n40 | 0.3 | 0.2 | - | 0.8 |
| DC\_7-28\_n1-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_7-28\_n3-n78 | 0.8 | 0.5 | 1.0 | 0.8 |
| DC\_7-28\_n5-n40 | 0.8 | 0.6 | 0.6 | 0.9 |
| DC\_7-28\_n7-n78 | 0.3 | 0.3 | 0.3 | 0.8 |
| DC\_7-28-66\_n7 | 0.5 | 0.6 | 0.5 | 0.5 |
| DC\_7-28-66\_n66 | 0.5 | 0.6 | 0.5 | 0.5 |
| DC\_7-28-32\_n1 | 0.7 | 0.6 | - | 0.7 |
| DC\_7-28-32\_n3 | 0.7 | 0.3 | - | 0.7 |
| DC\_7-28-38\_n1 | - | 0.6 | - | 0.5 |
| DC\_7-28-38\_n78 | - | 0.3 | - | 0.8 |
| DC\_7-28\_n38-n78 | - | 0.3 | - | 0.8 |
| DC\_7-28\_n40-n78 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_7-29-66\_n78 | 0.5 | - | 0.6 | 0.8 |
| DC\_7-32\_n1-n78 | 0.2 | - | 0.2 | 0.5 |
| DC\_7-38\_n3-n78 | - | - | 0.6 | 0.8 |
| DC\_7-40\_n1-n78 | 0.5 | 0.56 | 0.6 | 0.86 |
| DC\_7\_n40-n78-n105 | 0.5 | 0.5 | 0.8 | 0.5 |
| DC\_7-66\_n2-n71 | 0.5 | 0.5 | 0.5 | 0.6 |
| DC\_7-66\_n2-n77 | 0.5 | 0.6 | 0.6 | 0.8 |
| DC\_7-66\_n2-n78 | 0.5 | 0.6 | 0.6 | 0.8 |
| DC\_7-66\_n12-n77 | 0.8 | 1.0 | 0.5 | 0.8 |
| DC\_7-66\_n12-n78 | 0.8 | 1.0 | 0.5 | 0.8 |
| DC\_7-66\_n25-n66 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_7-66\_n38-n78  DC\_7-7-66\_n38-n78 | - | 0.6 | - | 0.8 |
| DC\_7-66\_n66-n71 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_7-66\_n66-n77 | 0.5 | 0.6 | 0.6 | 0.8 |
| DC\_7-66\_n66-n78  DC\_7-7-66\_n66-n78 | 0.5 | 0.6 | 0.6 | 0.8 |
| DC\_7-66-71\_n2 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_7-66\_n66-n71 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_7-66-71\_n77 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_7-66\_n71-n77 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_7-66-71\_n78 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_7-66\_n71-n78 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_7-71\_n2-n66 | 0.6 | 0.6 | 0.6 | 0.5 |
| DC\_7-71\_n2-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_7-71\_n2-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_7-71\_n66-n77 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_7-71\_n66-n78 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_8\_n1-n3-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_8-(n)3-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_8\_n3-n28-n77 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_8\_n3-n28-n79 | 0.6 | 0.5 | 0.3 | 0.8 |
| DC\_8\_n3-n77-n79 | 0.6 | 0.6 | 0.8 | 0.8 |
| DC\_8-11\_n1-n77 | 0.6 | 0.4 | 0.6 | 0.8 |
| DC\_8-11\_n3-n28 | 0.6 | 0.8 | 0.9 | 0.6 |
| DC\_8-11\_n3-n77 | 0.6 | 0.8 | 0.9 | 0.8 |
| DC\_8-11\_n3-n79 | 0.3 | 0.8 | 0.9 | 0.8 |
| DC\_8-11\_n28-n77 | 0.6 | 0.4 | 0.6 | 0.8 |
| DC\_8-11\_n77-n79 | 0.6 | 0.4 | 0.8 | 0.5 |
| DC\_8-20-28\_n3 | 0.6 | 0.5 | 0.5 | 0.3 |
| DC\_8-20-28\_n78 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_8-20-32\_n1 | 0.4 | 0.4 | - | 0.5 |
| DC\_8-20-32\_n3 | 0.4 | 0.5 | - | 0.3 |
| DC\_8-20-38\_n1 | 0.6 | 0.5 | 0.5 | 0.5 |
| DC\_8\_n28-n77-n79 | 0.6 | 0.5 | 0.8 | 0.8 |
| DC\_8-32-38\_n1 | 0.3 | - | 0.5 | 0.5 |
| DC\_8\_n39-n40-n41 | 0.3 | 0.3 | 0.3 | 0.3 |
| DC\_8\_n39-n40-n79 | 0.3 | 0.3 | 0.3 | 0.8 |
| DC\_8\_n40-n41-n79 | 0.3 | 0.3 | 0.3 | - |
| DC\_8-40\_n1-n78 | 0.3 | 0.56 | 0.5 | 0.86 |
| DC\_8-41\_n1-n3 | 0.3 | 0.54 / 0.85 | 0.5 | 0.5 |
| DC\_8-41\_n1-n77 | 0.6 | 0.5 | 0.6 | 0.8 |
| DC\_8-41\_n1-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_8-41\_n3-n77 | 0.6 | 0.310 / 0.811 | 0.6 | 0.8 |
| DC\_8-42\_n1-n3 | 0.6 | 0.8 | 0.3 | 0.6 |
| DC\_8-42\_n1-n77 | 0.6 | 0.8 | 0.6 | 0.8 |
| DC\_8-42\_n3-n28 | 0.6 | 0.8 | 0.6 | 0.8 |
| DC\_8-42\_n3-n77 | 0.6 | 0.8 | 0.6 | 0.8 |
| DC\_8-42\_n28-n77 | 0.6 | 0.8 | 0.8 | 0.8 |
| DC\_11\_n3-n28-n77 | 0.8 | 0.9 | 0.6 | 0.8 |
| DC\_11\_n3-n77-n79 | 0.8 | 0.9 | 0.8 | 0.8 |
| DC\_12-30-66\_n2 | 0.8 | 0.3 | 0.5 | 0.5 |
| DC\_12-30-66\_n66 | 0.8 | 0.3 | 0.5 | 0.5 |
| DC\_12-30-66\_n77  DC\_12-30-66-66\_n77 | 0.8 | 0.3 | 0.6 | 0.8 |
| DC\_12-48\_(n)5 | 0.8 | 0.4 | 0.3 | 0.8 |
| DC\_12-48-66\_n5 | 0.8 | 0.8 | 0.8 | 0.3 |
| DC\_12-66\_(n)5 | 0.3 | 0.8 | 0.8 | 0.3 |
| DC\_12-66\_n2-n41 | 0.8 | 0.5 | 0.5 | 0.51 / 12 |
| DC\_12-66\_n2-n77 | 0.3 | 0.5 | 0.5 | 0.8 |
| DC\_12-66\_n2-n78 | 0.3 | 0.5 | 0.5 | 0.8 |
| DC\_12-66\_n66-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_13-48-66\_n77 | 0.3 | 0.8 | 0.6 | 0.8 |
| DC\_13-66\_n2-n77 | 0.3 | 0.6 | 0.6 | 0.8 |
| DC\_13-66\_n5-n48 | 0.4 | 0.6 | 0.8 | 0.8 |
| DC\_13-66\_n5-n77  DC\_13-66-66\_n5-n77 | 0.5 | 0.6 | 0.6 | 0.8 |
| DC\_13-66\_n66-n77 | 0.3 | 0.6 | 0.6 | 0.8 |
| DC\_14-30-66-n2 | 0.3 | 0.3 | 0.5 | 0.5 |
| DC\_14-30-66\_n66 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_14-30-66\_n77  DC\_14-30-66-66\_n77 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_18-41\_n3-n77 | 0.3 | 0.34 / 0.85 | 0.6 | 0.8 |
| DC\_18-41\_n3-n78 | 0.3 | 0.34 / 0.85 | 0.6 | 0.8 |
| DC\_19\_n1-n77-n79 | 0.3 | 0.6 | 0.8 | 0.5 |
| DC\_19\_n1-n78-n79 | 0.3 | 0.3 | 0.8 | 0.5 |
| DC\_19-21\_n1-n77 | 0.3 | 0.4 | 0.3 | 0.8 |
| DC\_19-21\_n1-n78 | 0.3 | 0.4 | 0.6 | 0.8 |
| DC\_19-21\_n1-n79 | 0.3 | 0.4 | 0.3 | - |
| DC\_19-21-42\_n1 | 0.3 | 0.4 | 0.8 | 0.3 |
| DC\_19-21-42\_n77 | 0.3 | 0.4 | 0.8 | 0.8 |
| DC\_19-21-42\_n78 | 0.3 | 0.4 | 0.8 | 0.8 |
| DC\_19-21-42\_n79 | 0.3 | 0.4 | 0.8 | - |
| DC\_19-21\_n77-n79 | 0.3 | 0.4 | 0.8 | - |
| DC\_19-21\_n78-n79 | 0.3 | 0.4 | 0.8 | - |
| DC\_19-42\_n1-n77 | 0.3 | 0.8 | 0.6 | 0.8 |
| DC\_19-42\_n1-n78 | 0.3 | 0.8 | 0.3 | 0.8 |
| DC\_19-42\_n1-n79 | 0.3 | 0.8 | 0.3 | - |
| DC\_19-42\_n77-n79 | 0.3 | 0.8 | 0.8 | - |
| DC\_19-42\_n78-n79 | 0.3 | 0.8 | 0.8 | - |
| DC\_20-(n)3-n67 | 0.5 | 0.3 | 0.3 | 0.5 |
| DC\_20-28-32\_n1 | 0.6 | 0.6 | - | 0.5 |
| DC\_20-28-32\_n3 | 0.5 | 0.6 | - | 0.5 |
| DC\_20-28-38\_n1 | 0.6 | 0.6 | 0.5 | 0.5 |
| DC\_20-32\_n1-n28 | 0.6 | - | 0.3 | 0.7 |
| DC\_20-32-38\_n1 | 0.3 | - | 0.5 | 0.5 |
| DC\_20-38\_n3-n78 | 0.6 | 0.5 | 0.6 | 0.8 |
| DC\_20-41\_n1-n78 | 0.3 | 0.5 | 0.5 | 0.8 |
| DC\_20-67-(n)3 | 0.5 | 0.3 | - | 0.3 |
| DC\_21\_n1-n77-n79 | 0.4 | 0.6 | 0.8 | 0.5 |
| DC\_21\_n1-n78-n79 | 0.4 | 0.6 | 0.8 | 0.5 |
| DC\_21-28-42\_n77 | 0.4 | 0.5 | 0.8 | 0.8 |
| DC\_21-28-42\_n78 | 0.4 | 0.5 | 0.8 | 0.8 |
| DC\_21-28-42\_n79 | 0.4 | 0.5 | 0.8 | - |
| DC\_21\_n28-n77-n79 | 0.4 | 0.5 | 0.8 | 0.5 |
| DC\_21\_n28-n78-n79 | 0.4 | 0.5 | 0.8 | - |
| DC\_21-42\_n1-n77 | 0.4 | 0.8 | 0.6 | 0.8 |
| DC\_21-42\_n1-n78 | 0.4 | 0.8 | 0.3 | 0.8 |
| DC\_21-42\_n1-n79 | 0.4 | 0.8 | 0.3 | - |
| DC\_21-42\_n77-n79 | 0.4 | 0.8 | 0.8 | - |
| DC\_21-42\_n78-n79 | 0.4 | 0.8 | 0.8 | - |
| DC\_28\_n5-n40-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_28-32-38\_n1 | 0.7 | - | 0.5 | 0.5 |
| DC\_28-41-42\_n78 | 0.5 | 0.3 | 0.8 | 0.8 |
| DC\_29-30-66\_n2  DC\_29-30-66-66\_n2 | - | 0.3 | 0.5 | 0.5 |
| DC\_29-30-66\_n66 | - | 0.3 | 0.5 | 0.5 |
| DC\_29-30-66\_n77 | - | 0.3 | 0.6 | 0.8 |
| DC\_30-66-(n)5 | 0.3 | 0.3 | 0.5 | 0.3 |
| DC\_42\_n1-n77-n79 | 0.8 | 0.6 | 0.8 | - |
| DC\_42\_n1-n78-n79 | 0.8 | 0.3 | 0.8 | - |
| DC\_42\_n3-n28-n77 | 0.8 | 0.6 | 0.8 | 0.8 |
| DC\_46-66\_n25-n41 | - | 0.5 | 0.5 | 0.41 / 0.92 |
| DC\_46-66\_n25-n71 | - | 0.5 | 0.5 | 0.3 |
| DC\_46-66\_n41-n71 | - | 0.5 | 0.41 / 0.92 | 0.6 |
| DC\_48-66\_n25-n48 | 0.8 | 0.6 | 0.6 | 0.8 |
| DC\_66-71\_n2-n41 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_66-71\_n2-n77 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_66-71\_n2-n78 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_66-71\_n66-n77 | 0.6 | 0.6 | 0.6 | 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  NOTE 10: The requirement is applied for UE transmitting on the frequency range of 2515 - 2690 MHz.  NOTE 11: The requirement is applied for UE transmitting on the frequency range of 2496 – 2515 MHz.  NOTE 12: “-” denotes ΔTIB,c = 0.  NOTE 13: The component band order in the configuration should be listed by the order of E-UTRA band and NR band respectively, such as for DC\_30-66-(n)5 the band order from left to right is 5, 30, 66 and n5. | | | | |

###### 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 | ΔTIB,c for E-UTRA band / NR band (dB)6 | | | | |
| --- | --- | --- | --- | --- | --- |
| Component band in order of bands in configuration7 | | | | |
| DC\_1-3-5-7\_n40  DC\_1-3-5-7-7\_n40 | 0.6 | 0.6 | 0.6 | 0.8 | 0.9 |
| DC\_1-3-5-7\_n77 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-5-7\_n78  DC\_1-3-5-7-7\_n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-5\_n40-n77 | 0.6 | 0.6 | 0.6 | 0.35 | 0.85 |
| DC\_1-3-5\_n40-n78 | 0.6 | 0.6 | 0.6 | 0.35 | 0.85 |
| DC\_1-3-5-41\_n79 | 0.5 | 0.5 | 0.3 | 0.53 / 0.84 | - |
| DC\_1-3-7\_n3-n78 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 |
| DC\_1-3-7\_n5-n40 | 0.6 | 0.6 | 0.8 | 0.6 | 0.9 |
| DC\_1-3-7\_n7-n78 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 |
| DC\_1-3-7-8\_n28 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7-8\_n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-7\_n8-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-7-20\_n8 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7-20\_n28 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7-20\_n38 | 0.3 | 0.3 | - | 0.3 | - |
| DC\_1-3-7-20\_n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7-26\_n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-7\_n26-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-7-28\_n3 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7-28\_n5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7-28\_n7  DC\_1-3-28-(n)7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7-28\_n38 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7\_n28-n38 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7-28\_n40 | 0.6 | 0.6 | 0.8 | 0.6 | 0.9 |
| DC\_1-3-7-28\_n78 | 0.7 | 0.7 | 0.7 | 0.6 | 0.8 |
| DC\_1-3-7\_n28-n78 | 0.7 | 0.7 | 0.7 | 0.6 | 0.8 |
| DC\_1-3-7-32\_n28 | 0.6 | 0.6 | 0.6 | - | 0.6 |
| DC\_1-3-7-32\_n78 | 0.7 | 0.7 | 0.7 | - | 0.8 |
| DC\_1-3-7-38\_n28 | 0.6 | 0.6 | - | - | 0.5 |
| DC\_1-3-7-38\_n78 | 0.7 | 0.7 | - | - | 0.8 |
| DC\_1-3-7-40\_n78 | 0.6 | 0.6 | 0.5 | 0.35 | 0.85 |
| DC\_1-3-7\_n40-n77  DC\_1-3-7-7\_n40-n77 | 0.6 | 0.6 | 0.8 | 0.9 | 0.8 |
| DC\_1-3-7\_n40-n78 | 0.6 | 0.6 | 0.8 | 0.9 | 0.8 |
| DC\_1-3-7\_n75-n78 | 0.7 | 0.7 | 0.7 | - | 0.8 |
| DC\_1-3-7\_n78-n105 | 0.7 | 0.7 | 0.7 | 0.8 | 0.7 |
| DC\_1-3-8-11\_n28 | 0.3 | 0.8 | 0.6 | 0.9 | 0.6 |
| DC\_1-3-8-11\_n77 | 0.6 | 0.8 | 0.6 | 0.9 | 0.8 |
| DC\_1-3-8-20\_n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-8\_n28-n77 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-8-28\_n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-8\_n28-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-8\_n77-n79 | 0.6 | 0.6 | 0.6 | 0.8 | 0.5 |
| DC\_1-3-8-32\_n78 | 0.6 | 0.6 | 0.6 | - | 0.8 |
| DC\_1-3-8-40\_n78 | 0.6 | 0.6 | 0.6 | 0.35 | 0.85 |
| DC\_1-3-8-42\_n77 | 0.6 | 0.6 | 0.6 | 0.8 | 0.8 |
| DC\_1-(n)3-8\_n77 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-11\_n28-n77 | 0.6 | 0.8 | 0.9 | 0.6 | 0.8 |
| DC\_1-3-18\_n3-n41 | 0.5 | 0.5 | 0.3 | 0.5 | 0.33 / 0.84 |
| DC\_1-3-18\_n3-n77 | 0.6 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_1-3-18\_n3-n78 | 0.6 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_1-3-18\_n28-n41 | 0.5 | 0.5 | 0.3 | 0.6 | 0.33 / 0.84 |
| DC\_1-3-18\_n28-n77 | 0.3 | 0.3 | 0.3 | 0.6 | 0.8 |
| DC\_1-3-18\_n28-n77 | 0.3 | 0.3 | 0.3 | 0.6 | 0.8 |
| DC\_1-3-18\_n41-n77 | 0.5 | 0.5 | 0.3 | 0.33 / 0.84 | 0.8 |
| DC\_1-3-18\_n41-n78 | 0.5 | 0.5 | 0.3 | 0.33 / 0.84 | 0.8 |
| DC\_1-3-18-42\_n77 | 0.6 | 0.6 | 0.3 | 0.8 | 0.8 |
| DC\_1-3-18-42\_n78 | 0.6 | 0.6 | 0.3 | 0.8 | 0.8 |
| DC\_1-3-18-42\_n79 | 0.6 | 0.6 | 0.3 | 0.8 | - |
| DC\_1-3-19-21\_n77 | 0.6 | 0.8 | 0.3 | 0.9 | 0.8 |
| DC\_1-3-19-21\_n78 | 0.6 | 0.8 | 0.3 | 0.9 | 0.8 |
| DC\_1-3-19-21\_n79 | 0.3 | 0.8 | 0.3 | 0.9 | - |
| DC\_1-3-19-42\_n77 | 0.6 | 0.6 | 0.3 | 0.8 | 0.8 |
| DC\_1-3-19-42\_n78 | 0.6 | 0.6 | 0.3 | 0.8 | 0.8 |
| DC\_1-3-19-42\_n79 | 0.6 | 0.6 | 0.3 | 0.8 | - |
| DC\_1-3-20\_n7-n78 | 0.6 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_1-3-20\_n8-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-20\_n28-n75 | 0.3 | 0.3 | 0.6 | 0.6 | - |
| DC\_1-3-20-28\_n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-20\_n28-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-20-32\_n28 | 0.3 | 0.3 | 0.6 | - | 0.6 |
| DC\_1-3-20-32\_n78 | 0.6 | 0.6 | 0.6 | - | 0.8 |
| DC\_1-3-20-38\_n78 | 0.3 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_1-3-20\_n38-n78 | 0.3 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_1-3-20-40\_n78 | 0.5 | 0.5 | 0.3 | 0.55 | 0.85 |
| DC\_1-3-20\_n41-n78 | 0.5 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_1-3-21-42\_n77 | 0.6 | 0.8 | 0.9 | 0.8 | 0.6 |
| DC\_1-3-21-42\_n78 | 0.6 | 0.8 | 0.9 | 0.8 | 0.6 |
| DC\_1-3-21-42\_n79 | 0.6 | 0.8 | 0.9 | 0.8 | - |
| DC\_1-3-21\_n77-n79 | 0.6 | 0.8 | 0.9 | 0.8 | - |
| DC\_1-3-21\_n78-n79 | 0.6 | 0.8 | 0.9 | 0.8 | - |
| DC\_1-3-28\_n3-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-28\_n7-n78 | 0.7 | 0.7 | 0.6 | 0.7 | 0.8 |
| DC\_1-3-28-40\_n78 | 0.5 | 0.5 | 0.6 | 0.5 | 0.8 |
| DC\_1-3-28\_n40-n78 | 0.5 | 0.6 | 0.5 | 0.35 | 0.85 |
| DC\_1-3-28-42\_n77 | 0.6 | 0.6 | 0.6 | 0.8 | 0.8 |
| DC\_1-3-28-42\_n78 | 0.6 | 0.6 | 0.6 | 0.8 | 0.8 |
| DC\_1-3-28-42\_n79 | 0.6 | 0.6 | 0.6 | 0.8 | - |
| DC\_1-3\_n28-n77-n79 | 0.6 | 0.6 | 0.6 | 0.8 | 0.5 |
| DC\_1\_n3-n28-n77-n79 | 0.6 | 0.6 | 0.6 | 0.8 | 0.8 |
| DC\_1-3\_n28-n78-n79 | 0.3 | 0.6 | 0.6 | 0.8 | 0.5 |
| DC\_1-3-38\_n28-n78 | 0.5 | 0.6 | 0.3 | 0.5 | 0.8 |
| DC\_1-3\_n40-n78-n105 | 0.5 | 0.6 | 0.5 | 0.8 | 0.5 |
| DC\_1-3-41\_n3-n41 | 0.5 | 0.5 | 0.33 / 0.84 | 0.5 | 0.33 / 0.84 |
| DC\_1-3-41\_n3-n77 | 0.6 | 0.6 | 0.5 | 0.6 | 0.8 |
| DC\_1-3-41\_n3-n78 | 0.6 | 0.6 | 0.5 | 0.6 | 0.8 |
| DC\_1-3-41\_n28-n41 | 0.3 | 0.3 | 0.33 / 0.84 | 0.6 | 0.33 / 0.84 |
| DC\_1-3-41\_n28-n77 | 0.6 | 0.6 | 0.33 / 0.84 | 0.5 | 0.8 |
| DC\_1-3-41\_n28-n78 | 0.5 | 0.6 | 0.33 / 0.84 | 0.5 | 0.8 |
| DC\_1-3-41\_n41-n77 | 0.6 | 0.6 | 0.5 | 0.5 | 0.8 |
| DC\_1-3-41\_n41-n78 | 0.6 | 0.6 | 0.5 | 0.5 | 0.8 |
| DC\_1-3-41-42\_n77 | 0.6 | 0.6 | 0.5 | 0.8 | 0.8 |
| DC\_1-3-41-42\_n78 | 0.6 | 0.6 | 0.5 | 0.8 | 0.8 |
| DC\_1-3-41-42\_n79 | 0.6 | 0.6 | 0.5 | 0.8 | - |
| DC\_1-3-42\_n28-n77 | 0.6 | 0.6 | 0.8 | 0.8 | 0.8 |
| DC\_1-5-7\_n40-n77  DC\_1-5-7-7\_n40-n77 | 0.6 | 0.6 | 0.5 | 0.35 | 0.85 |
| DC\_1-5-7\_n40-n78 | 0.6 | 0.6 | 0.5 | 0.35 | 0.85 |
| DC\_1-7-8-20 \_n28 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-7-8-20\_n78 | 0.6 | 0.7 | 0.6 | 0.6 | 0.8 |
| DC\_1-7-8\_n28-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-7-8-32\_n78 | 0.7 | 0.7 | 0.6 | 0.8 | - |
| DC\_1-7-8-40\_n78 | 0.6 | 0.5 | 0.6 | 0.35 | 0.85 |
| DC\_1-7-20\_n3-n38 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 |
| DC\_1-7-20\_n3-n78 | 0.6 | 0.7 | 0.4 | 0.5 | 0.8 |
| DC\_1-7-20\_n8-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-7-20-28 \_n3 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-7-20\_n28-n78 | 0.6 | 0.7 | 0.6 | 0.6 | 0.8 |
| DC\_1-7-20-32\_n3 | 0.7 | 0.7 | 0.3 | - | 0.7 |
| DC\_1-7-20-32\_n8 | 0.7 | 0.7 | 0.6 | - | 0.6 |
| DC\_1-7-20-32\_n28 | 0.5 | 0.6 | 0.6 | - | 0.7 |
| DC\_1-7-20-32\_n78 | 0.6 | 0.7 | 0.4 | - | 0.8 |
| DC\_1-7-20-38\_n3 | 0.6 | 0.5 | 0.5 | 0.5 | 0.6 |
| DC\_1-7-20-38\_n8 | 0.5 | - | 0.6 | - | 0.6 |
| DC\_1-7-20-38\_n78 | 0.6 | 0.7 | 0.6 | - | 0.8 |
| DC\_1-7-28\_n3-n78 | 0.7 | 0.7 | 0.6 | 0.7 | 0.6 |
| DC\_1-7-28\_n5-n40 | 0.6 | 0.8 | 0.6 | 0.6 | 0.9 |
| DC\_1-7-28\_n7-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-7-28-32\_n3 | 0.6 | 0.6 | 0.6 | - | 0.6 |
| DC\_1-7-28\_n40-n78 | 0.6 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_1-7-38\_n3-n78 | 0.6 | - | - | 0.6 | 0.8 |
| DC\_1-7\_n40-n78-n105 | 0.5 | 0.6 | 0.5 | 0.8 | 0.5 |
| DC\_1-8-(n)3-n77 | 0.6 | 0.6 | 0.8 | 0.8 | 0.8 |
| DC\_1-8\_n3-n28-n77 | 0.6 | 0.6 | 0.8 | 0.6 | 0.8 |
| DC\_1-8\_n3-n28-n79 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-8\_n3-n77-n79 | 0.6 | 0.6 | 0.8 | 0.8 | 0.8 |
| DC\_1-8-11\_n3-n28 | 0.3 | 0.6 | 0.8 | 0.9 | 0.6 |
| DC\_1-8-11\_n3-n77 | 0.6 | 0.6 | 0.8 | 0.9 | 0.8 |
| DC\_1-8-11\_n3-n79 | 0.3 | 0.3 | 0.8 | 0.9 | 0.8 |
| DC\_1-8-11\_n28-n77 | 0.6 | 0.6 | 0.4 | 0.6 | 0.8 |
| DC\_1-8-11\_n77-n79 | 0.6 | 0.6 | 0.4 | 0.8 | 0.5 |
| DC\_1-8-20-28\_n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-8\_n28-n77-n79 | 0.6 | 0.6 | 0.6 | 0.8 | 0.8 |
| DC\_1-8-42\_n3-n28 | 0.3 | 0.6 | 0.8 | 0.6 | 0.8 |
| DC\_1-8-42\_n3-n77 | 0.6 | 0.6 | 0.8 | 0.8 | 0.8 |
| DC\_1-8-42\_n28-n77 | 0.6 | 0.6 | 0.8 | 0.8 | 0.8 |
| DC\_1-11\_n3-n28-n77 | 0.6 | 0.8 | 0.9 | 0.6 | 0.8 |
| DC\_1-11\_n3-n77-n79 | 0.6 | 0.8 | 0.9 | 0.8 | 0.8 |
| DC\_1-18-41\_n3-n77 | 0.6 | 0.3 | 0.33 / 0.84 | 0.6 | 0.8 |
| DC\_1-18-41\_n3-n78 | 0.6 | 0.3 | 0.33 / 0.84 | 0.6 | 0.8 |
| DC\_1-19-21-42\_n77 | 0.3 | 0.3 | 0.4 | 0.8 | 0.8 |
| DC\_1-19-21-42\_n78 | 0.3 | 0.3 | 0.4 | 0.8 | 0.8 |
| DC\_1-19-21-42\_n79 | 0.3 | 0.3 | 0.4 | 0.8 | - |
| DC\_1-19-42\_n77-n79 | 0.6 | 0.3 | 0.8 | 0.8 | - |
| DC\_1-19-42\_n78-n79 | 0.3 | 0.3 | 0.8 | 0.8 | - |
| DC\_1-20-28-32\_n3 | 0.5 | 0.6 | 0.6 | - | 0.5 |
| DC\_1-20-38\_n3-n78 | 0.5 | 0.6 | 0.5 | 0.6 | 0.8 |
| DC\_1-21-28-42\_n77 | 0.6 | 0.4 | 0.6 | 0.8 | 0.8 |
| DC\_1-21-28-42\_n78 | 0.3 | 0.4 | 0.6 | 0.8 | 0.8 |
| DC\_1-21-28-42\_n79 | 0.3 | 0.4 | 0.6 | 0.8 | - |
| DC\_1-21\_n28-n77-n79 | 0.6 | 0.4 | 0.6 | 0.8 | 0.5 |
| DC\_1-21\_n28-n78-n79 | 0.6 | 0.4 | 0.6 | 0.8 | 0.5 |
| DC\_1-21-42\_n77-n79 | 0.6 | 0.4 | 0.8 | 0.8 | - |
| DC\_1-42\_n3-n28-n77 | 0.6 | 0.8 | 0.8 | 0.8 | 0.8 |
| DC\_1-21-42\_n78-n79 | 0.3 | 0.4 | 0.8 | 0.8 | - |
| DC\_2-5-7\_n2-n66 | 0.5 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_2-5-7\_n2-n78 | 0.6 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_2-5-7-66\_n2 | 0.5 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_2-5-7-66\_n7  DC\_2-5-7-66-66\_n7 | 0.5 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_2-5-7-66\_n66 | 0.5 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_2-5-7-66\_n77 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-5-7-66\_n78  DC\_2-5-7\_n66-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_2-5-66\_n2-n77  DC\_2-5-66-66\_n2-n77 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-5-66\_n2-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-5-66\_n5-n77  DC\_2-5-66-66\_n5-n77 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-5-30-66\_n2 | 0.5 | 0.3 | 0.3 | 0.5 | 0.5 |
| DC\_2-5-30-66\_n66 | 0.5 | 0.3 | 0.3 | 0.5 | 0.5 |
| DC\_2-5-30-66\_n77 | 0.6 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_2-5-66\_n66-n77 | 0.5 | 0.3 | 0.5 | 0.5 | 0.8 |
| DC\_2-7-12\_n2-n78 | 0.6 | 0.6 | 0.6 | 0.5 | 0.6 |
| DC\_2-7-12-66\_n2 | 0.5 | 0.5 | 0.8 | 0.5 | 0.5 |
| DC\_2-7-12-66\_n77 | 0.6 | 0.8 | 0.5 | 1 | 0.8 |
| DC\_2-5-7-66\_n77 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-7-12-66\_n78  DC\_2-7-12\_n66-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_2-7-13\_n25-n66 | 0.5 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-7-13-66\_n66 | 0.5 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_2-7-28-66\_n7 | 0.5 | 0.5 | 0.6 | 0.5 | 0.5 |
| DC\_2-7-28-66\_n66 | 0.5 | 0.5 | 0.6 | 0.5 | 0.5 |
| DC\_2-7-29-66\_n78  DC\_2-7-7-29-66\_n78 | 0.6 | 0.5 | - | 0.6 | 0.8 |
| DC\_2-7-66\_n2-n71 | 0.5 | 0.5 | 0.5 | 0.5 | 0.3 |
| DC\_2-7-66\_n2-n78 | 0.6 | 0.5 | 0.6 | 0.5 | 0.8 |
| DC\_2-7-66\_n25-n66 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_2-7-66\_n66-n71 | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 |
| DC\_2-7-66\_n66-n77 | 0.6 | 0.5 | 0.6 | 0.6 | 0.8 |
| DC\_2-7-66\_n66-n78  DC\_2-7-7-66\_n66-n78 | 0.6 | 0.5 | 0.6 | 0.6 | 0.8 |
| DC\_2-7-66-71\_n2 | 0.5 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-7-66-71\_n77 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_2-7-66-71\_n78  DC\_2-7-66\_n71-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_2-7-71\_n2-n78 | 0.6 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_2-7-71\_n66-n78 | 0.6 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_2-12-30-66\_n2 | 0.5 | 0.8 | 0.3 | 0.5 | 0.5 |
| DC\_2-12-30-66\_n66 | 0.5 | 0.8 | 0.3 | 0.5 | 0.5 |
| DC\_2-12-30-66\_n77 | 0.6 | 0.8 | 0.3 | 0.6 | 0.8 |
| DC\_2-12-66\_n2-n78 | 0.6 | 0.3 | 0.6 | 0.6 | 0.8 |
| DC\_2-13-66\_n2-n77  DC\_2-13-66-66\_n2-n77 | 0.6 | 0.3 | 0.6 | 0.6 | 0.8 |
| DC\_2-13-66\_n5-n77  DC\_2-2-13-66\_n5-n77  DC\_2-13-66-66\_n5-n77 | 0.6 | 0.5 | 0.6 | 0.6 | 0.8 |
| DC\_2-13-66\_n66-n77  DC\_2-2-13-66\_n66-n77 | 0.6 | 0.3 | 0.6 | 0.6 | 0.8 |
| DC\_2-14-30-66\_n2 | 0.5 | 0.3 | 0.3 | 0.5 | 0.5 |
| DC\_2-14-30-66\_n66 | 0.5 | 0.3 | 0.3 | 0.5 | 0.5 |
| DC\_2-14-30-66\_n77 | 0.6 | 0.6 | 0.3 | 0.6 | 0.8 |
| DC\_2-29-30-66\_n2 | 0.5 | - | 0.3 | 0.5 | 0.5 |
| DC\_2-29-30-66\_n66 | 0.5 | - | 0.3 | 0.5 | 0.5 |
| DC\_2-29-30-66\_n77 | 0.6 | - | 0.3 | 0.6 | 0.8 |
| DC\_2-30-66-(n)5 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 |
| DC\_2-46-66\_n41-n71 | 0.5 | - | 0.5 | 0.41 / 0.92 | 0.6 |
| DC\_2-66-71\_n2-n78 | 0.5 | 0.5 | 0.3 | 0.5 | 0.5 |
| DC\_3-5-7\_n40-n77  DC\_3-5-7-7\_n40-n77 | 0.6 | 0.6 | 0.5 | 0.55 | 0.85 |
| DC\_3-5-7\_n40-n78 | 0.6 | 0.6 | 0.5 | 0.55 | 0.85 |
| DC\_3-7\_n1-n75-n78 | 0.7 | 0.7 | 0.7 | N/A | 0.8 |
| DC\_3-7-8\_n1-n40 | 0.5 | 0.8 | 0.6 | 0.6 | 0.9 |
| 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 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-7\_n1-n8-n78  DC\_3-3-7\_n1-n8-n78  DC\_3-7-7\_n1-n8-n78  DC\_3-3-7-7\_n1-n8-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-7-8-20\_n1 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_3-7-8\_n28-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-7-8-32\_n1 | 0.6 | 0.7 | 0.6 | - | 0.7 |
| DC\_3-7-8-32\_n78 | 0.6 | 0.6 | 0.6 | - | 0.8 |
| DC\_3-7-8-40\_n78 | 0.6 | 0.5 | 0.6 | 0.55 | 0.85 |
| DC\_3-7-8\_n40-n78 | 0.6 | 0.5 | 0.6 | 0.55 | 0.85 |
| DC\_3-7-20\_n1-n75 | 0.7 | 0.7 | 0.3 | 0.7 | - |
| DC\_3-7-20\_n1-n78 | 0.6 | 0.7 | 0.6 | 0.6 | 0.8 |
| DC\_3-7-20\_n8-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-7-20-28\_n1 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_3-7-20\_n28-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-7-20-32\_n1 | 0.7 | 0.7 | 0.3 | - | 0.7 |
| DC\_3-7-20-32\_n78 | 0.6 | 0.6 | 0.3 | - | 0.8 |
| DC\_3-7-20-38\_n78 | 0.6 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_3-7-28\_n1-n40 | 0.6 | 0.8 | 0.6 | 0.6 | 0.9 |
| DC\_3-7-28\_n1-n78 | 0.7 | 0.7 | 0.6 | 0.7 | 0.6 |
| DC\_3-7-28\_n3-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-7-28\_n5-n40 | 0.6 | 0.8 | 0.6 | 0.6 | 0.9 |
| DC\_3-7-28\_n7-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-7-28\_n40-n78 | 0.6 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_3-7-32\_n1-n78 | 0.3 | 0.3 | - | 0.3 | 0.5 |
| DC\_3-7-40\_n1-n78 | 0.6 | 0.5 | 0.35 | 0.6 | 0.85 |
| DC\_3-8-11\_n28-n77 | 0.8 | 0.6 | 0.9 | 0.6 | 0.8 |
| DC\_3-8-20-28\_n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-8-40\_n1-n78 | 0.6 | 0.6 | 0.35 | 0.6 | 0.85 |
| DC\_3-8-41\_n1-n78  DC\_3-3-8-41\_n1-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-19-21-42\_n77 | 0.8 | 0.3 | 0.9 | 0.8 | 0.8 |
| DC\_3-19-21-42\_n78 | 0.8 | 0.3 | 0.9 | 0.8 | 0.8 |
| DC\_3-19-21-42\_n79 | 0.8 | 0.3 | 0.9 | 0.8 | - |
| DC\_3-19-42\_n1-n77 | 0.6 | 0.3 | 0.8 | 0.6 | 0.8 |
| DC\_3-19-42\_n1-n78 | 0.6 | 0.3 | 0.8 | 0.6 | 0.8 |
| DC\_3-19-42\_n1-n79 | 0.6 | 0.3 | 0.8 | 0.6 | - |
| DC\_3-20\_n1-n28-n75 | 0.3 | 0.6 | 0.3 | 0.6 | - |
| DC\_3-20-32\_n1-n28 | 0.3 | 0.6 | - | 0.3 | 0.6 |
| DC\_3-20-41\_n1-n78  DC\_3-3-20-41\_n1-n78 | 0.5 | 0.3 | 0.5 | 0.5 | 0.8 |
| DC\_3-21\_n1-n77-n79 | 0.8 | 0.9 | 0.6 | 0.8 | 0.5 |
| DC\_3-21\_n1-n78-n79 | 0.8 | 0.9 | 0.6 | 0.8 | 0.5 |
| DC\_3-21\_n28-n77-n79 | 0.8 | 0.9 | 0.5 | 0.8 | 0.5 |
| DC\_3-21\_n28-n78-n79 | 0.8 | 0.9 | 0.5 | 0.8 | 0.5 |
| DC\_3-21-42\_n1-n77 | 0.8 | 0.9 | 0.8 | 0.6 | 0.6 |
| DC\_3-21-42\_n1-n78 | 0.8 | 0.9 | 0.8 | 0.6 | 0.6 |
| DC\_3-21-42\_n1-n79 | 0.8 | 0.9 | 0.8 | 0.6 | - |
| DC\_3-28-41-42\_n78 | 1.0 | 0.5 | 0.33 / 0.84 | 0.8 | 0.8 |
| DC\_5-7-66\_n2-n78 | 0.3 | 0.5 | 0.5 | 0.5 | 0.8 |
| DC\_7-8-20-32\_n1 | 0.7 | 0.6 | 0.7 | - | 0.5 |
| DC\_7-8-40\_n1-n78 | 0.5 | 0.6 | 0.35 | 0.6 | 0.85 |
| DC\_7-12-66\_n2-n78 | 0.8 | 0.8 | 1.0 | 0.5 | 0.8 |
| DC\_7-20-28-32\_n1 | 0.7 | 0.6 | 0.6 | - | 0.7 |
| DC\_7-20-28-32\_n3 | 0.7 | 0.6 | 0.5 | - | 0.7 |
| DC\_7-20-32-38\_n1 | - | 0.3 | - | - | 0.7 |
| DC\_7-20-38\_n3-n78 | 0.5 | 0.6 | 0.5 | 0.5 | 0.8 |
| DC\_7-66-71\_n2-n78 | 0.6 | 0.6 | 0.3 | 0.5 | 0.8 |
| DC\_8\_n3-n28-n77-n79 | 0.2 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_8-11\_n3-n28-n77 | 0.6 | 0.8 | 0.9 | 0.6 | 0.8 |
| DC\_8-11\_n3-n77-n79 | 0.6 | 0.8 | 0.9 | 0.8 | 0.8 |
| DC\_8-42\_n3-n28-n77 | 0.6 | 0.8 | 0.6 | 0.8 | 0.8 |
| DC\_19-21-42\_n1-n77 | 0.3 | 0.4 | 0.8 | 0.3 | 0.8 |
| DC\_19-21-42\_n1-n78 | 0.3 | 0.4 | 0.8 | 0.3 | 0.8 |
| DC\_19-21-42\_n1-n79 | 0.3 | 0.4 | 0.8 | 0.3 | - |
| DC\_19-21-42\_n77-n79 | 0.3 | 0.4 | 0.8 | 0.8 | - |
| DC\_19-21-42\_n78-n79 | 0.3 | 0.4 | 0.8 | 0.8 | - |
| DC\_19-42\_n1-n77-n79 | 0.3 | N/A | 0.6 | 0.8 | 0.5 |
| DC\_19-42\_n1-n78-n79 | 0.3 | N/A | 0.3 | 0.8 | 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  NOTE 6: “-” denotes ΔTIB,c = 0.  NOTE 7: The component band order in the configuration should be listed by the order of E-UTRA band and NR band respectively, such as for DC\_2-30-66-(n)5 the band order from left to right is 2, 5, 30, 66 and n5. | | | | | |

###### 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** | ΔTIB,c for E-UTRA band / NR band (dB)3 | | | | | |
| Component band in order of bands in configuration4 | | | | | |
| DC\_1-3-5-7\_n40-n77  DC\_1-3-5-7-7\_n40-n77 | 0.6 | 0.6 | 0.6 | 0.5 | 0.31 | 0.81 |
| DC\_1-3-5-7\_n40-n78 | 0.6 | 0.6 | 0.6 | 0.5 | 0.31 | 0.81 |
| DC\_1-3-7-8\_n28-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-7-8-32\_n78 | 0.6 | 0.6 | 0.6 | 0.6 | - | 0.8 |
| DC\_1-3-7-8-40\_n78 | 0.6 | 0.6 | 0.5 | 0.6 | 0.31 | 0.81 |
| DC\_1-3-7-20\_n8-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-7-20\_n28-n78 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-7-20-32\_n78 | 0.7 | 0.7 | 0.7 | 0.4 | - | 0.8 |
| DC\_1-3-7-20-38\_n78 | 0.7 | 0.7 | - | 0.6 | - | 0.8 |
| DC\_1-3-7-20\_n38-n78 | 0.6 | 0.6 | - | 0.6 | - | 0.8 |
| DC\_1-3-7-28\_n3-n78 | 0.7 | 0.7 | 0.7 | 0.6 | 0.7 | 0.8 |
| DC\_1-3-7-28\_n5-n40 | 0.6 | 0.6 | 0.8 | 0.6 | 0.6 | 0.9 |
| DC\_1-3-7-28\_n7-n78 | 0.7 | 0.7 | 0.7 | 0.6 | 0.7 | 0.8 |
| DC\_1-3-7-28\_n40-n78 | 0.6 | 0.6 | 0.8 | 0.3 | 0.9 | 0.8 |
| DC\_1-3-7-28\_n38-n78 | 0.7 | 0.7 | 0.7 | 0.6 | 0.7 | 0.8 |
| DC\_1-3-7\_n40-n78-n105 | 0.7 | 0.7 | 0.7 | 0.6 | 0.8 | 0.6 |
| DC\_1-3-8-11\_n28-n77 | 0.6 | 0.8 | 0.6 | 0.9 | 0.6 | 0.8 |
| DC\_1-3-8-20-28\_n78 | 0.3 | 0.3 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-7-20-28-32\_n3 | 0.6 | 0.6 | 0.6 | 0.6 | - | 0.6 |
| DC\_1-7-20-38\_n3-n78 | 0.6 | 0.7 | 0.6 | 0.5 | 0.6 | 0.8 |
| DC\_1-8\_n3-n28-n77-n79 | 0.6 | 0.6 | 0.8 | 0.6 | 0.8 | 0.8 |
| DC\_1-8-11\_n3-n28-n77 | 0.6 | 0.6 | 0.8 | 0.9 | 0.6 | - |
| DC\_1-8-42\_n3-n28-n77 | 0.6 | 0.6 | 0.8 | 0.8 | - | 0.8 |
| DC\_2-5-7-66\_n2-n78 | 0.5 | 0.3 | 0.5 | 0.5 | 0.5 | 0.8 |
| DC\_2-7-12-66\_n2-n78 | 0.6 | 0.6 | 0.8 | 0.5 | 0.5 | 0.8 |
| DC\_2-7-66-71\_n2-n78 | 0.5 | 0.5 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_3-7-8-40\_n1-n78 | 0.6 | 0.5 | 0.6 | 0.32 | 0.6 | 0.82 |
| DC\_7-8-20-32-38\_n1 | - | 0.6 | 0.6 | - | - | 0.7 |
| DC\_7-20-28-32-38\_n1 | - | 0.6 | 0.6 | - | - | 0.7 |
| 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.  NOTE 3: “-” denotes ΔTIB,c = 0.  NOTE 4: The component band order in the configuration should be listed by the order of E-UTRA band and NR band respectively. | | | | | | |

## << Nextchange >>

##### 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 | ΔRIB,c for E-UTRA band / NR band (dB)11 | | | |
| --- | --- | --- | --- | --- |
| Component band in order of bands in configuration12 | | | |
| DC\_1-3\_n3-n41 | - | - | - | 03 / 0.54 |
| DC\_1-3\_n3-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3\_n5-n40 | - | - | 0.2 | 0.8 |
| DC\_1-3-5\_n40 | - | - | 0.2 | 0.8 |
| DC\_1-3-5\_n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3\_n3-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-5\_n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-7\_n28 | - | - | - | 0.2 |
| DC\_1-3-7\_n40 | - | - | 0.3 | 0.8 |
| DC\_1-3-7\_n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7\_n78  DC\_1-3-3-7\_n78  DC\_1-3-3-7-7\_n78  DC\_1-3-7-7\_n78 | 0.3 | 0.3 | 0.3 | 0.5 |
| DC\_1-3\_n7-n78 | 0.3 | 0.3 | 0.3 | 0.5 |
| DC\_1-3-7\_n105 | - | - | - | 0.3 |
| DC\_1-3-8\_n28 | - | - | 0.2 | 0.2 |
| DC\_1-3-8\_n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1\_n3-n8-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-8\_n3-n79 | - | - | - | 0.5 |
| DC\_1-3-8\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3\_n8-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-11\_n28 | - | 0.3 | 0.5 | 0.2 |
| DC\_1-3-11\_n77 | 0.2 | 0.3 | 0.5 | 0.5 |
| DC\_1-3-18\_n28 | - | - | - | 0.2 |
| DC\_1-3-18\_n41 | - | - | - | 0.26 |
| DC\_1-3-28\_n3 | - | - | 0.2 | - |
| DC\_1-3-18\_n77 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-18\_n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-19\_n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-20\_n28 | - | - | 0.2 | 0.2 |
| DC\_1-3-20\_n41 | - | - | - | 01 / 0.54 |
| DC\_1-3-20\_n78  DC\_1-1-3-20\_n78  DC\_1-3-3-20\_n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-21\_n77 | 0.2 | 0.3 | 0.5 | 0.5 |
| DC\_1-3-21\_n78 | 0.2 | 0.3 | 0.5 | 0.5 |
| DC\_1-3-21\_n79 | - | 0.3 | 0.5 | - |
| DC\_1-3-26\_n78 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_1-3\_n26-n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-28\_n5 | - | - | 0.2 | 0.2 |
| DC\_1-3-28\_n7 | - | - | 0.2 | - |
| DC\_1-3-28\_n38 | - | - | 0.2 | - |
| DC\_1-3-28\_n40 | - | - | 0.2 | - |
| DC\_1-3\_n28-n75 | 0.2 | - | 0.2 | - |
| DC\_1-3-28\_n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3\_n28-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1\_n3-n28-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-28\_n78  DC\_1-3-3-28\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-28\_n79 | 0.2 | 0.2 | 0.2 | - |
| DC\_1-3\_n28-n79 | 0.2 | 0.2 | 0.2 | - |
| DC\_1\_n3-n28-n79 | 0.2 | 0.2 | 0.2 | - |
| DC\_1-3-32\_n28 | - | 0.5 | - | 0.5 |
| DC\_1-3-32\_n78 | - | - | - | 0.5 |
| DC\_1-3-38\_n28 | - | - | - | 0.2 |
| DC\_1-3\_n38-n78 | - | 0.2 | - | 0.5 |
| DC\_1-3-38\_n78 | 0.2 | 0.2 | 0.4 | 0.5 |
| DC\_1-3\_n40-n77 | - | 0.2 | 0.45 | 0.55 |
| DC\_1-3-40\_n78 | 0.2 | 0.2 | 0.48 | 0.58 |
| DC\_1-3\_n40-n78 | - | 0.2 | 0.45 | 0.55 |
| DC\_1-3-41\_n3 | - | - | 03 / 0.54 | - |
| DC\_1-3-41\_n28 | - | - | 03 / 0.54 | 0.2 |
| DC\_1-3-41\_n41 | - | - | 03 / 0.54 | 03 / 0.54 |
| DC\_1-3\_(n)41 | - | - | 03 / 0.54 | 03 / 0.54 |
| DC\_1-3-41\_n77 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3\_n41-n77 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-41\_n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3\_n41-n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-41\_n79 | - | - | 03 / 0.54 | - |
| DC\_1-3-42\_n28 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_1-3-42\_n77 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_1-3-42\_n78 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_1-3-42\_n79 | 0.2 | 0.2 | 0.5 | - |
| DC\_1-3\_n75-n78 | - | - | - | 0.5 |
| DC\_1-3\_n77-n79 | 0.2 | 0.2 | 0.5 | - |
| DC\_1\_n3-n77-n79 | 0.2 | 0.2 | 0.5 | - |
| DC\_1-3\_n78-n79 | 0.2 | 0.2 | 0.5 | - |
| DC\_1-3\_n78-n105 | 0.2 | 0.2 | 0.5 | 0.3 |
| DC\_1-3\_SUL\_n78-n80 | 0.2 | 0.2 | 0.5 | - |
| DC\_1-5-7\_n40  DC\_1-5-7-7\_n40 | - | 0.2 | 0.3 | 0.8 |
| DC\_1-5-7\_n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-5-7\_n40  DC\_1-5-7-7\_n40 | 0.6 | 0.6 | 0.8 | 0.9 |
| DC\_1-5-7\_n78  DC\_1-5-7-7\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-5\_n40-n77 | 0.2 | 0.2 | 0.48 | 0.5 |
| DC\_1-5\_n40-n78 | 0.2 | 0.2 | 0.48 | 0.5 |
| DC\_1-7\_n3-n38 | - | - | - | 0.2 |
| DC\_1-7\_n3-n78 | - | - | - | 0.5 |
| DC\_1-7\_n5-n40 | - | 0.3 | 0.2 | 0.8 |
| DC\_1-7\_n7-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-7-8\_n7 | 0.2 | 0.2 | 0.2 | 0.2 |
| DC\_1-7-8\_n20 | - | - | 0.2 | 0.2 |
| DC\_1-7-8\_n28 | - | - | 0.2 | 0.2 |
| DC\_1-7-8\_n78  DC\_1-7-7-8\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-7\_n8-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-7-20\_n28 | - | - | 0.2 | 0.2 |
| DC\_1-7-20\_n38 | - | - | - | 0.2 |
| DC\_1-7-20\_n78  DC\_1-1-7-20\_n78  DC\_1-7-7-20\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-7-26\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-7\_n26-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-7-28\_n3 | - | - | 0.2 | - |
| DC\_1-7-28\_n5 | - | - | 0.2 | 0.2 |
| DC\_1-7-28\_n7 | - | - | 0.2 | - |
| DC\_1-7-28\_n20 | - | - | 0.2 | 0.2 |
| DC\_1-7-28\_n38 | - | - | 0.2 | - |
| DC\_1-7-28\_n40 | - | 0.3 | 0.2 | 0.8 |
| DC\_1-7-28\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-7\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-7-32\_n8 | - | - | - | 0.2 |
| DC\_1-7-32\_n28 | - | - | - | 0.2 |
| DC\_1-7-32\_n78 | 0.6 | 0.6 | - | 0.8 |
| DC\_1-7-38\_n8 | - | - | 0.2 | - |
| DC\_1-7-38\_n28 | - | - | 0.2 | 0.2 |
| DC\_1-7-38\_n78 | 0.6 | 0.6 | - | 0.8 |
| DC\_1-7\_n40-n77  DC\_1-7-7\_n40-n77 | 0.2 | - | 0.4 | 0.5 |
| DC\_1-7-40\_n78 | 0.2 | - | 0.48 | 0.58 |
| DC\_1-7\_n40-n78 | 0.2 | - | 0.4 | 0.5 |
| DC\_1-7\_n75-n78 | 0.6 | 0.6 | - | 0.8 |
| DC\_1-7\_n78-n105 | 0.6 | 0.6 | 0.5 | 0.3 |
| DC\_1-8\_n3-n28 | - | 0.2 | - | 0.2 |
| DC\_1-8\_n3-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-8-11\_n3 | - | - | 0.3 | 0.5 |
| DC\_1-8-11\_n28 | - | 0.2 | - | 0.2 |
| DC\_1-8-11\_n77 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-8-11\_n78 | - | 0.2 | - | 0.5 |
| DC\_1-8-20\_n28 | - | 0.2 | 0.2 | 0.2 |
| DC\_1-8-20\_n78 | - | 0.2 | - | 0.5 |
| DC\_1-8-28\_n3 | - | 0.2 | 0.2 | - |
| DC\_1-8\_n28-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-8-28\_n78 | - | 0.2 | 0.2 | 0.5 |
| DC\_1-8\_n28-n78 | - | 0.2 | 0.2 | 0.5 |
| DC\_1-8\_n28-n79 | 0.3 | 0.3 | 0.6 | 0.5 |
| DC\_1-8-32\_n3 | - | - | 0.5 | 0.3 |
| DC\_1-8-32\_n78 | - | 0.2 | - | 0.5 |
| DC\_1-8\_n40-n78 | - | 0.2 | 0.4 | 0.5 |
| DC\_1-8-40\_n78 | 0.2 | 0.2 | 0.48 | 0.58 |
| DC\_1-8-42\_n3 | - | 0.2 | 0.5 | 0.2 |
| DC\_1-8-42\_n28 | - | 0.2 | 0.5 | 0.5 |
| DC\_1-8-42\_n77 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_1-8\_n77-n79 | 0.2 | 0.2 | 0.5 | - |
| DC\_1-11\_n3-n28 | - | 0.3 | 0.5 | 0.2 |
| DC\_1-11\_n3-n77 | 0.2 | 0.3 | 0.5 | 0.5 |
| DC\_1-11-18\_n77 | 0.2 | - | - | 0.5 |
| DC\_1-11-18\_n78 | - | - | - | 0.5 |
| DC\_1-11\_n28-n77 | 0.2 | - | 0.2 | 0.5 |
| DC\_1-18\_n3-n77 | 0.2 | - | 0.2 | 0.5 |
| DC\_1-18\_n3-n78 | 0.2 | - | 0.2 | 0.5 |
| DC\_1-11\_n3-n79 | - | 0.3 | 0.5 | 0.5 |
| DC\_1-11-18\_n3 | - | 0.5 | - | 0.3 |
| DC\_1-11-18\_n28 | - | - | - | 0.1 |
| DC\_1-11\_n77-n79 | 0.2 | - | 0.5 | - |
| DC\_1-18\_n28-n41 | - | - | 0.2 | - |
| DC\_1-18-28\_n77 | - | - | - | 0.5 |
| DC\_1-18\_n28-n77 | - | - | - | 0.5 |
| DC\_1-18-28\_n78 | - | - | - | 0.5 |
| DC\_1-18\_n28-n78 | - | - | - | 0.5 |
| DC\_1-18-41\_n3 | - | - | 03 / 0.54 | - |
| DC\_1-18-41\_n77 | 0.2 | - | - | 0.5 |
| DC\_1-18\_n41-n77 | 0.2 | - | - | 0.5 |
| DC\_1-18-41\_n78 | - | - | - | 0.5 |
| DC\_1-18\_n41-n78 | - | - | - | 0.5 |
| DC\_1-18-42\_n77 | - | - | 0.5 | 0.5 |
| DC\_1-18-42\_n78 | - | - | 0.5 | 0.5 |
| DC\_1-18-42\_n79 | - | - | 0.5 | - |
| DC\_1-19-42\_n77 | 0.2 | - | 0.5 | 0.5 |
| DC\_1-19-42\_n78 | - | - | 0.5 | 0.5 |
| DC\_1-19-42\_n79 | - | - | 0.5 | - |
| DC\_1-19\_n77-n79 | 0.3 | 0.3 | 0.5 | - |
| DC\_1-19\_n78-n79 | 0.3 | 0.3 | 0.5 | - |
| DC\_1-20\_n3-n78 | - | - | - | 0.5 |
| DC\_1-20\_n7-n78 | - | - | - | 0.5 |
| DC\_1-20\_n8-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-20-28\_n3 | - | 0.2 | 0.2 | - |
| DC\_1-20\_n28-n75 | - | 0.2 | 0.2 | - |
| DC\_1-20-28\_n78 | - | 0.2 | 0.2 | 0.5 |
| DC\_1-20\_n28-n78 | - | 0.2 | 0.2 | 0.5 |
| DC\_1-20-32\_n8 | 0.5 | 0.4 | - | 0.4 |
| DC\_1-20-32\_n28 | - | 0.2 | - | 0.2 |
| DC\_1-20-32\_n78 | - | - | - | 0.5 |
| DC\_1-20-38\_n78 | - | - | 0.4 | 0.5 |
| DC\_1-20-40\_n78 | - | - | - | 0.88 |
| DC\_1-20\_n41-n78 | - | - | - | 0.5 |
| DC\_1-21\_n28-n77 | 0.2 | - | 0.2 | 0.5 |
| DC\_1-21\_n28-n78 | 0.2 | - | 0.2 | 0.5 |
| DC\_1-21\_n28-n79 | 0.3 | - | 0.3 | - |
| DC\_1-21-42\_n77 | 0.2 | - | 0.5 | 0.5 |
| DC\_1-21-42\_n78 | - | - | 0.5 | 0.5 |
| DC\_1-21-42\_n79 | - | - | 0.5 | - |
| DC\_1-21\_n77-n79 | - | - | 0.5 | - |
| DC\_1-21\_n78-n79 | - | - | 0.5 | - |
| DC\_1-28\_n3-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-28\_n3-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-28\_n5-n40 | - | 0.2 | 0.2 | 0.8 |
| DC\_1-28-(n)7 | - | 0.2 | - | - |
| DC\_1-28\_n7-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-28-32\_n3 | - | 0.2 | - | - |
| DC\_1-28-40\_n78 | - | 0.2 | 0.45 | 0.55 |
| DC\_1-28\_n40-n78 | - | 0.2 | 0.45 | 0.55 |
| DC\_1-28-42\_n77 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_1-28-42\_n78 | - | 0.2 | 0.5 | 0.5 |
| DC\_1-28-42\_n79 | - | 0.2 | 0.5 | - |
| DC\_1\_n28-n77-n79 | 0.3 | 0.3 | 0.5 | - |
| DC\_1\_n28-n78-n79 | 0.3 | 0.3 | 0.5 | - |
| DC\_1-38\_n3-n78 | - | - | 0.2 | 0.5 |
| DC\_1-38\_n7-n78 | 0.2 | - | 0.2 | 0.5 |
| DC\_1-38\_n28-n78 | - | - | 0.2 | 0.5 |
| DC\_1\_n40-n78-n105 | - | 0.4 | 0.5 | 0.3 |
| DC\_1-41\_n3-n41 | - | 03 / 0.54 | - | 03 / 0.54 |
| DC\_1-41\_n3-n77 | 0.2 | 03 / 0.54 | 0.2 | 0.5 |
| DC\_1-41\_n3-n78 | 0.2 | 03 / 0.54 | 0.2 | 0.5 |
| DC\_1-41\_n28-n41 | - | 03 / 0.54 | - | 03 / 0.54 |
| DC\_1-41\_n28-n77 | 0.2 | - | 0.2 | 0.5 |
| DC\_1-41\_n28-n78 | - | - | 0.2 | 0.5 |
| DC\_1-41\_n41-n77 | - | - | - | 0.5 |
| DC\_1-41\_n41-n78 | - | - | - | 0.5 |
| DC\_1-41-42\_n77 | - | - | 0.5 | 0.5 |
| DC\_1-41-42\_n78 | - | - | 0.5 | 0.5 |
| DC\_1-41-42\_n79 | - | - | 0.5 | - |
| DC\_1-41-42\_n79 | - | - | 0.5 | - |
| DC\_1-42\_n3-n28 | - | 0.5 | 0.2 | 0.5 |
| DC\_1-42\_n3-n77 | 0.2 | 0.5 | 0.2 | 0.5 |
| DC\_1-42\_n28-n77 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_1-42\_n77-n79 | 0.2 | 0.5 | 0.5 | - |
| DC\_1-42\_n78-n79 | 0.2 | 0.5 | 0.5 | - |
| DC\_2-4-7\_n28 | 0.3 | 0.5 | 0.5 | 0.2 |
| DC\_2-4-7\_n78 | 0.3 | 0.3 | - | 0.8 |
| DC\_2-5\_n2-n66 | 0.3 | - | 0.3 | 0.3 |
| DC\_2-5\_n2-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-5\_n2-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-5\_n5-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-5-7\_n66  DC\_2-2-5-7\_n66  DC\_2-5-7-7\_n66 | 0.3 | - | 0.5 | 0.5 |
| DC\_2-5-7\_n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-5-7\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-5\_(n)12 | - | 0.5 | 0.3 | 0.3 |
| DC\_2-12\_(n)5 | - | 0.5 | 0.5 | - |
| DC\_2-5-30\_n2 | 0.4 | - | 0.5 | 0.4 |
| DC\_2-5-30\_n66 | 0.4 | - | 0.5 | 0.4 |
| DC\_2-5-30\_n77  DC\_2-2-5-30\_n77 | 0.2 | 0.2 | - | 0.5 |
| DC\_2-5-48\_n12 | 0.2 | 0.5 | 0.5 | 0.3 |
| DC\_2-5-48\_n71 | 0.2 | - | 0.5 | - |
| DC\_2-5-48\_n77 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_2-5-66\_n2 | 0.3 | - | 0.3 | 0.3 |
| DC\_2-5-66\_n5 | 0.3 | - | 0.3 | - |
| DC\_2-5-66\_n7 | 0.3 | - | 0.5 | 0.5 |
| DC\_2-5-66\_n12 | 0.2 | 0.5 | 0.5 | 0.3 |
| DC\_2-5-66\_n30  DC\_2-2-5-66\_n30  DC\_2-5-66-66\_n30 | 0.4 | - | 0.4 | 0.5 |
| DC\_2-5-66\_n48  DC\_2-5-66-66\_n48 | 0.3 | - | 0.3 | 0.5 |
| DC\_2-5-66\_n66 | 0.3 | - | 0.3 | 0.3 |
| DC\_2-5-66\_n71 | 0.3 | - | 0.3 | - |
| DC\_2-5-66\_n77  DC\_2-2-5-66\_n77  DC\_2-5-66-66\_n77 | 0.3 | - | 0.3 | 0.5 |
| DC\_2-5\_n66-n77 | 0.3 | 0.2 | 0.3 | 0.5 |
| DC\_2-5-66\_n78 | 0.3 | 0.5 | 0.3 | 0.5 |
| DC\_2-5\_n66-n78 | 0.3 | - | 0.3 | 0.5 |
| DC\_2-7\_n2-n66 | 0.3 | 0.5 | 0.3 | 0.5 |
| DC\_2-7\_n2-n71 | - | - | - | 0.2 |
| DC\_2-7\_n2-n77 | 0.2 | 0.5 | 0.2 | 0.5 |
| DC\_2-7\_n2-n78 | 0.2 | 0.5 | 0.2 | 0.5 |
| DC\_2-7-12\_n66 DC\_2-2-7-12\_n66 | 0.3 | 0.5 | 0.5 | 0.3 |
| DC\_2-7-12\_n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-7-12\_n78 DC\_2-2-7-12\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-7-13\_n66  DC\_2-7-7-13\_n66  DC\_2-2-7-7-13\_n66 | 0.3 | 0.5 | - | 0.5 |
| DC\_2-7\_n25-n66 | 0.3 | 0.5 | 0.3 | 0.5 |
| DC\_2-7-28\_n66 | 0.3 | 0.5 | 0.2 | 0.5 |
| DC\_2-7-28\_n78 | 0.3 | 0.5 | 0.2 | 0.5 |
| DC\_2-7-29\_n78  DC\_2-7-7-29\_n78 | 0.2 | 0.5 | 0.2 | 0.5 |
| DC\_2-7\_n38-n66  DC\_2-7-7\_n38-n66 | 0.3 | - | - | 0.5 |
| DC\_2-7-38\_n78 | 0.2 | - | - | 0.5 |
| DC\_2-7\_n38-n78  DC\_2-7-7\_n38-n78 | 0.2 | - | - | 0.5 |
| DC\_2-7-66\_n2 | 0.3 | 0.5 | 0.5 | 0.3 |
| DC\_2-7-66\_n7  DC\_2-7-66-66\_n7 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_2-7-66\_n25 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_2-7-66\_n28 | 0.3 | 0.5 | 0.5 | 0.2 |
| DC\_2-7-66\_n38  DC\_2-2-7-66\_n38 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_2-7-66\_n66  DC\_2-7-7-66\_n66 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_2-7-66\_n71 DC\_2-2-7-66\_n71 | 0.3 | 0.5 | 0.5 | - |
| DC\_2-7\_n66-n71 | 0.3 | 0.5 | 0.5 | - |
| DC\_2-7-66\_n77 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_2-7\_n66-n77 | 0.3 | 0.5 | 0.5 | 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 | 0.3 | - | 0.3 | 0.5 |
| DC\_2-7\_n66-n78  DC\_2-7-7\_n66-n78 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_2-7-71\_n2 | - | - | 0.2 | - |
| DC\_2-7-71\_n66 DC\_2-2-7-71\_n66 | 0.3 | 0.5 | - | 0.3 |
| DC\_2-7-71\_n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-7\_n71-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-7-71\_n78 DC\_2-2-7 -71\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-7\_n71-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-12\_n2-n66 | 0.3 | 0.5 | 0.3 | 0.3 |
| DC\_2-12\_n2-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-12\_n2-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-12-30\_n2 | 0.4 | - | 0.5 | 0.4 |
| DC\_2-12-30\_n66 | 0.4 | 0.5 | 0.5 | 0.4 |
| DC\_2-12-30\_n77  DC\_2-2-12-30\_n77 | 0.2 | 0.2 | - | 0.5 |
| DC\_2-12\_n41-n66 | 0.3 | 0.5 | 0.5 | 0.3 |
| DC\_2-12-48\_n5 | 0.3 | 0.3 | 0.5 | 0.5 |
| DC\_2-12-66\_n5 | 0.3 | 0.5 | 0.5 | 0.3 |
| DC\_2-12-66\_n2 | 0.3 | 0.5 | 0.3 | 0.3 |
| DC\_2-12-66\_n30  DC\_2-2-12-66\_n30  DC\_2-12-66-66\_n30 | 0.4 | 0.5 | 0.4 | 0.5 |
| DC\_2-12-66\_n41 DC\_2-2-12-66\_n41 | 0.5 | 0.8 | 0.5 | 0.5 |
| DC\_2-12-66\_n66 | 0.3 | 0.5 | 0.3 | 0.3 |
| DC\_2-12-66\_n77  DC\_2-2-12-66\_n77  DC\_2-12-66-66\_n77 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_2-12\_n66-n77 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_2-12-66\_n78 DC\_2-2-12-66\_n78 | 0.3 | - | 0.3 | 0.5 |
| DC\_2-12\_n66-n78 | 0.3 | - | 0.3 | 0.5 |
| DC\_2-13\_n2-n77 | 0.2 | - | 0.2 | 0.5 |
| DC\_2-13\_n5-n77  DC\_2-2-13\_n5-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-13\_n25-n66 | 0.3 | - | 0.3 | 0.3 |
| DC\_2-13-48\_n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-13-66\_n2 | 0.3 | - | 0.3 | 0.3 |
| DC\_2-13-66\_n5 | 0.3 | - | 0.3 | - |
| DC\_2-13-66\_n48 | 0.3 | - | 0.3 | 0.5 |
| DC\_2-13-66\_n66 | 0.3 | - | 0.3 | 0.3 |
| DC\_2-13-66\_n77  DC\_2-2-13-66\_n77  DC\_2-2-13-66-66\_n77  DC\_2-13-66-66\_n77 | 0.3 | - | 0.3 | 0.5 |
| DC\_2-13\_n66-n77 | 0.3 | - | 0.3 | 0.5 |
| DC\_2-14-30\_n2 | 0.3 | - | 0.3 | 0.3 |
| DC\_2-14-30\_n66 | 0.4 | - | 0.5 | 0.4 |
| DC\_2-14-30\_n77  DC\_2-2-14-30\_n77 | 0.2 | 0.2 | - | 0.5 |
| DC\_2-14-66\_n2  DC\_2-14-66-66\_n2 | 0.3 | - | 0.3 | 0.3 |
| DC\_2-14-66\_n30  DC\_2-2-14-66\_n30  DC\_2-14-66-66\_n30 | 0.4 | - | 0.4 | 0.5 |
| DC\_2-14-66\_n66  DC\_2-2-14-66\_n66 | 0.3 | - | 0.3 | 0.3 |
| DC\_2-14-66\_n77  DC\_2-2-14-66\_n77  DC\_2-14-66-66\_n77 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_2-28-66\_n7 | 0.3 | 0.2 | 0.5 | 0.5 |
| DC\_2-28-66\_n66 | 0.3 | 0.2 | 0.3 | 0.3 |
| DC\_2-29-30\_n2 | 0.4 | - | 0.5 | 0.4 |
| DC\_2-29-30\_n66 | 0.4 | - | 0.5 | 0.4 |
| DC\_2-29-30\_n77  DC\_2-2-29-30\_n77 | 0.2 | 0.2 | - | 0.5 |
| DC\_2-29-66\_n2  DC\_2-29-66-66\_n2 | 0.3 | - | 0.3 | 0.3 |
| DC\_2-29-66\_n30  DC\_2-2-29-66\_n30  DC\_2-29-66-66\_n30 | 0.4 | - | 0.4 | 0.5 |
| DC\_2-29-66\_n66 | 0.3 | - | 0.3 | 0.3 |
| DC\_2-29-66\_n77 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_2-29-66\_n78 | 0.3 | - | 0.3 | 0.5 |
| DC\_2-30-(n)5  DC\_2-2-30-(n)5 | 0.4 | - | 0.5 | - |
| DC\_2-30-66\_n2  DC\_2-30-66-66\_n2 | 0.4 | 0.5 | 0.4 | 0.4 |
| DC\_2-30-66\_n5 | 0.4 | 0.5 | 0.4 | - |
| DC\_2-30-66\_n66 | 0.4 | 0.5 | 0.4 | 0.4 |
| DC\_2-30-66\_n77  DC\_2-2-30-66\_n77  DC\_2-30-66-66\_n77 | 0.2 | 0.5 | 0.4 | 0.5 |
| DC\_2-46\_n41-n66 | 0.3 | - | 0.5 | 0.5 |
| DC\_2-46\_n41-n71 | - | - | - | 0.2 |
| DC\_2-46-48\_n2 | 0.3 | - | 0.5 | 0.3 |
| DC\_2-46-48\_n5 | 0.2 | - | 0.5 | - |
| DC\_2-46-48\_n66 | 0.3 | - | 0.5 | 0.3 |
| DC\_2-46-66\_n5 | 0.3 | - | 0.3 | - |
| DC\_2-46-66\_n41 | 0.3 | - | 0.5 | 0.51 / 12 |
| DC\_2-48\_(n)5 | 0.2 | - | 0.5 | - |
| DC\_2-48\_n48-n66 | 0.3 | 0.4 | 0.4 | 0.3 |
| DC\_2-48-66\_n2 | 0.3 | 0.5 | 0.3 | 0.3 |
| DC\_2-48-66\_n5 | 0.3 | 0.5 | 0.3 | - |
| DC\_2-48-66\_n12 | 0.3 | 0.5 | 0.3 | - |
| DC\_2-48-66\_n66 | 0.3 | 0.5 | 0.3 | 0.3 |
| DC\_2-48-66\_n71 | 0.3 | 0.5 | 0.3 | - |
| DC\_2-48-66\_n77 | 0.3 | 0.5 | 0.3 | 0.5 |
| DC\_2-66\_n2-n41 | 0.3 | 0.5 | 0.3 | 0.5 |
| DC\_2-66\_n2-n71 | 0.3 | 0.3 | 0.3 | - |
| DC\_2-66\_n2-n77  DC\_2-66-66\_n2-n77 | 0.2 | 0.3 | 0.3 | 0.5 |
| DC\_2-66\_n2-n78 | 0.3 | 0.3 | 0.3 | 0.5 |
| DC\_2-66\_(n)5  DC\_2-2-66\_(n)5  DC\_2-66-66\_(n)5 | 0.3 | - | 0.3 | - |
| DC\_2-66\_n5-n77 | 0.3 | 0.3 | - | 0.5 |
| DC\_2-66\_n12-n77 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_2-66\_n12-n78 | 0.3 | 0.3 | - | 0.5 |
| DC\_2-66\_n25-n66 | 0.3 | 0.3 | 0.3 | 0.3 |
| DC\_2-66\_n38-n78 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_2-66\_n41-n71 | 0.3 | 0.3 | 0.51 / 12 | 0.5 |
| DC\_2-66\_n66-n71 | 0.3 | 0.3 | 0.3 | - |
| DC\_2-66-71\_n38  DC\_2-2-66-71\_n38 | 0.3 | 0.5 | - | 0.5 |
| DC\_2-66-71\_n41 DC\_2-2-66-71\_n41 | 0.3 | 0.3 | 0.5 | 0.51 / 12 |
| DC\_2-66-71\_n66 | 0.3 | 0.3 | - | 0.3 |
| DC\_2-66-(n)71 | 0.3 | 0.3 | - | - |
| DC\_2-66-71\_n71 | 0.3 | 0.3 | - | - |
| DC\_2-66-71\_n77 | 0.3 | 0.3 | 0.2 | 0.5 |
| DC\_2-66\_n71-n77 | 0.3 | 0.3 | 0.2 | 0.5 |
| DC\_2-66-71\_n78  DC\_2-2-66-71\_n78 | 0.3 | 0.5 | - | 0.5 |
| DC\_2-66\_n71-n78 | 0.3 | 0.5 | - | 0.5 |
| DC\_2-66\_n66-n77 | 0.3 | 0.3 | 0.3 | 0.5 |
| DC\_2-66\_n66-n78 | 0.3 | 0.3 | 0.3 | 0.5 |
| DC\_2-66-71\_n2 | 0.3 | 0.3 | - | 0.3 |
| DC\_2-71\_n2-n41 | - | 0.2 | - | - |
| DC\_2-71\_n2-n66 | 0.3 | - | 0.3 | 0.3 |
| DC\_2-71\_n2-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-71\_n2-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-71\_n41-n66 | 0.3 | 0.5 | 0.51 / 12 | 0.3 |
| DC\_2-71\_n66-n77 | 0.3 | - | 0.5 | 0.5 |
| DC\_2-71\_n66-n78 | 0.3 | - | 0.5 | 0.5 |
| DC\_3\_n1-n28-n75 | 0.3 | 0.3 | 0.7 | - |
| DC\_3\_n1-n75-n78 | 0.6 | 0.6 | - | 0.8 |
| DC\_3\_n1-n40-n78 | 0.2 | 0.2 | 0.48 | 0.5 |
| DC\_3\_n1-n77-n79 | 0.2 | 0.2 | 0.5 | - |
| DC\_3\_n1-n78-n79 | 0.2 | 0.2 | 0.5 | - |
| DC\_3-5-7\_n40  DC\_3-5-7-7\_n40 | - | 0.2 | 0.3 | 0.8 |
| DC\_3-5-7\_n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-5-7\_n78  DC\_3-5-7-7\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-5\_n40-n77 | 0.2 | 0.2 | 0.48 | 0.5 |
| DC\_3-5\_n40-n78 | 0.2 | 0.2 | 0.48 | 0.5 |
| DC\_3\_n5-n40-n78 | 0.2 | 0.2 | 0.48 | 0.5 |
| DC\_3-5-41\_n79 | - | - | 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 | - | - | - | 0.2 |
| DC\_3-7\_n1-n28 | - | - | - | 0.2 |
| DC\_3-7\_n1-n40 | - | 0.3 | - | 0.8 |
| DC\_3-7\_n1-n78 | 0.3 | 0.3 | 0.3 | 0.5 |
| DC\_3-7\_n3-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-7\_n5-n40 | - | 0.3 | 0.2 | 0.8 |
| DC\_3-7-7\_n78 | 0.2 | 0.2 | 0.2 | 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 | - | - | 0.2 | - |
| DC\_3-7-8\_n28 | - | - | 0.2 | 0.1 |
| DC\_3-7-8\_n40 | - | - | 0.2 | 0.5 |
| DC\_3-7-8\_n77 | 0.2 | 0.2 | 0.2 | 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 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-7\_n8-n78,  DC\_3-3-7\_n8-n78,  DC\_3-7-7\_n8-n78,  DC\_3-3-7-7\_n8-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-7\_n7-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-7-20\_n28 | - | - | 0.2 | 0.1 |
| DC\_3-7-20\_n38 | - | - | - | 0.2 |
| DC\_3-7-20\_n78  DC\_3-3-7-20\_n78  DC\_3-7-7-20\_n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_3-7\_n26-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-7-26\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-7-28\_n1  DC\_3-7-7-28\_n1 | - | - | 0.2 | - |
| DC\_3-7-28\_n40 | - | 0.3 | - | 0.8 |
| DC\_3-7-28\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-7\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-7-32\_n28 | 0.5 | - | - | 0.5 |
| DC\_3-7-32\_n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_3-7-38\_n28 | - | - | 0.2 | 0.2 |
| DC\_3-7-38\_n78 | 0.2 | - | - | 0.5 |
| DC\_3-7-40\_n1 | - | 0.3 | 0.8 | - |
| DC\_3-7\_n40-n77  DC\_3-7-7\_n40-n77 | 0.2 | - | 0.48 | 0.58 |
| DC\_3-7\_n40-n78 | 0.2 | - | 0.48 | 0.58 |
| DC\_3-7\_n75-n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_3-7\_n78-n105 | 0.2 | 0.2 | 0.5 | 0.3 |
| DC\_3-7\_SUL\_n78-n80 | 0.2 | 0.2 | 0.5 | - |
| DC\_3-8\_n77-n79 | 0.6 | 0.3 | 0.8 | - |
| DC\_3-8\_n1-n28 | - | 0.2 | - | 0.2 |
| DC\_3-8\_n1-n40 | - | - | 0.1 | 0.2 |
| DC\_3-8\_n1-n78  DC\_3-3-8\_n1-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-8-11\_n28 | 0.3 | 0.2 | 0.5 | 0.2 |
| DC\_3-8-11\_n77 | 0.3 | 0.2 | 0.5 | 0.5 |
| DC\_3-8-20\_n28 | - | 0.2 | 0.1 | 0.1 |
| DC\_3-8-20\_n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_3-8\_n28-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-8-28\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-8\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-8-32\_n1 | - | - | 0.5 | 0.3 |
| DC\_3-8-32\_n28 | - | - | - | 0.2 |
| DC\_3-8-32\_n78 | 0.3 | 0.2 | 0.5 | 0.5 |
| DC\_3-8-41\_n78  DC\_3-3-8-41\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-8-40\_n1 | - | - | 0.2 | 0.1 |
| DC\_3-8-40\_n78 | 0.2 | 0.2 | 0.48 | 0.58 |
| DC\_3-8\_n40-n78 | 0.2 | 0.2 | 0.4 | 0.5 |
| DC\_3-8-41\_n1  DC\_3-3-8-41\_n1 | - | 0.2 | - | - |
| DC\_3-8-42\_n77 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_(n)3-n8-n77 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_3-8\_SUL\_n78-n80 | 0.2 | 0.2 | 0.5 | - |
| DC\_3-11\_n28-n77 | 0.3 | 0.5 | 0.2 | 0.5 |
| DC\_3-18\_n3-n41 | 0.2 | - | 0.2 | - |
| DC\_3-18\_n3-n77 | 0.2 | - | 0.2 | 0.5 |
| DC\_3-18\_n3-n78 | 0.2 | - | 0.2 | 0.5 |
| DC\_3-18\_n28-n41 | 0.2 | - | 0.2 | - |
| DC\_3-18\_n28-n77 | 0.2 | - | 0.2 | 0.5 |
| DC\_3-18\_n28-n78 | 0.2 | - | 0.2 | 0.5 |
| DC\_3-18\_n41-n77 | 0.2 | - | - | 0.5 |
| DC\_3-18\_n41-n78 | 0.2 | - | - | 0.5 |
| DC\_3-18-42\_n77 | - | - | 0.5 | 0.5 |
| DC\_3-18-42\_n78 | - | - | 0.5 | 0.5 |
| DC\_3-18-42\_n79 | 0.2 | - | 0.5 | - |
| DC\_3-19\_n1-n77 | 0.2 | - | 0.2 | 0.5 |
| DC\_3-19\_n1-n78 | 0.2 | - | 0.2 | 0.5 |
| DC\_3-19-21\_n77 | 0.3 | - | 0.5 | 0.5 |
| DC\_3-19-21\_n78 | 0.3 | - | 0.5 | 0.5 |
| DC\_3-19-21\_n79 | 0.3 | - | 0.5 | - |
| DC\_3-19-42\_n1 | 0.2 | - | 0.5 | 0.2 |
| DC\_3-19-42\_n77 | 0.2 | - | 0.5 | 0.5 |
| DC\_3-19-42\_n78 | 0.2 | - | 0.5 | 0.5 |
| DC\_3-19-42\_n79 | 0.2 | - | 0.5 | - |
| DC\_3-19\_n77-n79 | 0.2 | - | 0.5 | - |
| DC\_3-19\_n78-n79 | 0.2 | - | 0.5 | - |
| DC\_3-20\_n1-n28 | - | - | 0.2 | 0.2 |
| DC\_3-20\_n1-n78 | 0.2 | - | 0.2 | 0.5 |
| DC\_3-20\_n7-n28 | - | 0.1 | - | 0.1 |
| DC\_3-20\_n3-n67 | - | 0.1 | - | 0.1 |
| DC\_3-20\_n8-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-20-28\_n1 | - | 0.2 | 0.2 | - |
| DC\_3-20\_n28-n75 | 0.5 | - | 0.5 | - |
| DC\_3-20-28\_n78  DC\_3-3-20-28\_n78 | 0.2 | 0.1 | 0.2 | 0.5 |
| DC\_3-20\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-20-32\_n28 | 0.5 | - | - | 0.5 |
| DC\_3-20-32\_n78 | 0.2 | - | - | 0.5 |
| DC\_3-20-38\_n78 | 0.2 | 0.2 | 0.4 | 0.5 |
| DC\_3-20\_n38-n78 | 0.2 | 0.2 | 0.4 | 0.5 |
| DC\_3-20-40\_n78 | 0.2 | 0.2 | 0.45 | 0.55 |
| DC\_3-20-41\_n1  DC\_3-3-20-41\_n1 | 0.2 | - | 0.2 | 0.5 |
| DC\_3-20-41\_n78  DC\_3-3-20-41\_n78  DC\_3-20\_n41-n78 | - | - | - | 0.5 |
| DC\_3-20-67\_n3 | - | 0.1 | 0.1 | - |
| DC\_3\_20\_SUL\_n78-n80 | 0.2 | - | 0.5 | - |
| DC\_3-21\_n1-n77 | 0.3 | 0.5 | 0.2 | 0.5 |
| DC\_3-21\_n1-n78 | 0.3 | 0.5 | 0.2 | 0.5 |
| DC\_3-21\_n1-n79 | 0.3 | 0.5 | - | - |
| DC\_3-21\_n28-n77 | 0.3 | 0.5 | 0.2 | 0.5 |
| DC\_3-21\_n28-n78 | 0.3 | 0.5 | 0.2 | 0.5 |
| DC\_3-21\_n28-n79 | 0.3 | 0.5 | 0.3 | - |
| DC\_3-21-42\_n1 | 0.3 | 0.5 | 0.5 | 0.2 |
| DC\_3-21-42\_n77 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_3-21-42\_n78 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_3-21-42\_n79 | 0.3 | 0.5 | 0.5 | - |
| DC\_3-21\_n77-n79 | 0.3 | 0.5 | 0.5 | - |
| DC\_3-21\_n78-n79 | 0.3 | 0.5 | 0.5 | - |
| DC\_3-28\_n1-n40 | - | 0.2 | - | - |
| DC\_3-28\_n1-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-28\_n3-n78 | - | 0.2 | - | 0.5 |
| DC\_3-28\_n5-n40 | - | 0.2 | 0.2 | 0.8 |
| DC\_3-28\_n7-n78  DC\_3-3-28\_n7-n78 | 0.5 | 0.2 | 0.4 | 0.5 |
| DC\_3-28-32\_n1 | 0.5 | 0.5 | - | - |
| DC\_3-28-40\_n78 | 0.2 | 0.2 | 0.45 | 0.55 |
| DC\_3-28\_n40-n78 | 0.2 | 0.2 | 0.45 | 0.55 |
| DC\_3-28-41\_n78 | 0.5 | 0.2 | 0.43 / 0.54 | 0.5 |
| DC\_3-28-42\_n77 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_3-28-42\_n78 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_3-28-42\_n79 | 0.2 | 0.2 | 0.5 | - |
| DC\_3\_n28-n77-n79 | 0.2 | 0.2 | 0.5 | - |
| DC\_3\_n28-n78-n79 | 0.2 | 0.2 | 0.5 | - |
| DC\_3-32\_n1-n28 | - | - | 0.2 | 0.2 |
| DC\_3-32\_n1-n78 | - | - | - | 0.5 |
| DC\_3-38\_n7-n78 | 0.2 | 0.4 | 0.2 | 0.5 |
| DC\_3-32-38\_n28 | - | - | - | 0.2 |
| DC\_3-38\_n28-n78 | 0.5 | 0.4 | 0.2 | 0.5 |
| DC\_3-40\_n1-n78 | 0.2 | 0.45 | - | 0.55 |
| DC\_3\_n40-n41-n79 | - | - | 03/0.54 | 0.5 |
| DC\_3\_n40-n78-n105 | - | 0.4 | 0.8 | 0.3 |
| DC\_3-41\_n1-n78  DC\_3-3-41\_n1-n78 | 0.2 | - | 0.2 | 0.5 |
| DC\_3-41\_n3-n41 | - | 03 / 0.54 | - | 03 / 0.54 |
| DC\_3-41\_n3-n77 | 0.2 | 03 / 0.54 | 0.2 | 0.5 |
| DC\_3-41\_n3-n78 | 0.2 | 03 / 0.54 | 0.2 | 0.5 |
| DC\_3-41\_n28-n41 | 0.2 | 03 / 0.54 | 0.2 | 03 / 0.54 |
| DC\_3-41\_n28-n77 | 0.2 | 03 / 0.54 | 0.2 | 0.5 |
| DC\_3-41\_n28-n78 | 0.5 | 0.43 / 0.54 | 0.2 | 0.5 |
| DC\_3-41\_n41-n77 | 0.2 | 03 / 0.54 | 03 / 0.54 | 0.5 |
| DC\_3-41\_n41-n78 | 0.2 | 03 / 0.54 | 03 / 0.54 | 0.5 |
| DC\_3-41-42\_n77 | 0.5 | 03 / 0.54 | 0.5 | 0.5 |
| DC\_3-41-42\_n78 | 0.5 | 03 / 0.54 | 0.5 | 0.5 |
| DC\_3-41-42\_n79 | 0.5 | 03 / 0.54 | 0.5 | - |
| DC\_3-42\_n1-n77 | 0.2 | 0.5 | 0.2 | 0.5 |
| DC\_3-42\_n1-n78 | 0.2 | 0.5 | 0.2 | 0.5 |
| DC\_3-42\_n1-n79 | 0.2 | 0.5 | 0.2 | - |
| DC\_3-42\_n28-n77 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_3-42\_n77-n79 | 0.2 | 0.5 | 0.5 | - |
| DC\_3-42\_n78-n79 | 0.2 | 0.5 | 0.5 | - |
| DC\_5-7\_n2-n66 | - | 0.5 | 0.3 | 0.5 |
| DC\_5-7\_n2-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_5-7\_n2-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_5-7-7\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_5-7\_n40-n77  DC\_5-7-7\_n40-n77 | 0.2 | - | 0.4 | 0.5 |
| DC\_5-7\_n40-n78 | 0.2 | - | 0.4 | 0.5 |
| DC\_5-7-66\_n2 | - | 0.5 | 0.5 | 0.3 |
| DC\_5-7-66\_n7  DC\_5-7-66-66\_n7 | - | 0.5 | 0.5 | 0.5 |
| DC\_5-7-66\_n66 DC\_5-7-7-66\_n66 | 0.3 | - | 0.3 | 0.3 |
| DC\_5-7-66\_n77 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_5-7\_n66-n77 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_5-7\_n66-n78 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_5-7-66\_n78 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_5-30-66\_n2 | - | 0.5 | 0.4 | 0.4 |
| DC\_5-30-66\_n66 | - | 0.5 | 0.4 | 0.4 |
| DC\_5-30-66\_n77  DC\_5-30-66-66\_n77 | 0.2 | 0.5 | 0.4 | 0.5 |
| DC\_5-48\_(n)12 | 0.5 | 0.3 | - | 0.5 |
| DC\_5-48-66\_n12 | 0.5 | 0.5 | 0.2 | 0.3 |
| DC\_5-48-66\_n71 | - | 0.5 | 0.2 | - |
| DC\_5-48-66\_n77 | 0.2 | 0.5 | 0.2 | 0.5 |
| DC\_5-66\_n2-n77  DC\_5-66-66\_n2-n77 | 0.2 | 0.3 | 0.3 | 0.5 |
| DC\_5-66\_n2-n78 | - | 0.3 | 0.3 | 0.5 |
| DC\_5-66\_n5-n77  DC\_5-66-66\_n5-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_5-66\_(n)12 | - | 0.5 | 0.5 | 0.5 |
| DC\_5-66\_n66-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_7­\_n1-n75-n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_7-8\_n1-n78 | 0.3 | 0.2 | - | 0.8 |
| DC\_7\_n1-n8-n78 | 0.3 | - | 0.2 | 0.8 |
| DC\_7-8\_n1-n78  DC\_7-7-8\_n1-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_7-8-20\_n1 | - | 0.2 | 0.2 | - |
| DC\_7-8-20\_n3 | - | 0.2 | - | - |
| DC\_7-8\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_7-8-32\_n1 | - | 0.2 | - | - |
| DC\_7-8-32\_n78 | - | 0.2 | - | 0.5 |
| DC\_7-8-38\_n1 | - | - | 0.2 | - |
| DC\_7-8-40\_n1 | 0.3 | 0.2 | 0.8 | - |
| DC\_7-8-40\_n78 | - | 0.2 | 0.48 | 0.58 |
| DC\_7-8\_n40-n78 | - | 0.2 | 0.4 | 0.5 |
| DC\_7-12\_n2-n66 | 0.5 | 0.5 | 0.3 | 0.3 |
| DC\_7-12\_n2-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_7-12\_n2-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_7-12-66\_n2 | 0.5 | 0.5 | 0.3 | 0.3 |
| DC\_7-12-66\_n66 | 0.5 | - | 0.5 | 0.5 |
| DC\_7-12-66\_n77 | 0.5 | 0.2 | 0.5 | 0.5 |
| DC\_7-12\_n66-n77 | 0.5 | 0.2 | 0.5 | 0.5 |
| DC\_7-12-66\_n78 | 0.5 | 0.2 | 0.5 | 0.5 |
| DC\_7-12\_n66-n78 | 0.5 | 0.2 | 0.5 | 0.5 |
| DC\_7-13\_n25-n66 | 0.5 | - | 0.3 | 0.5 |
| DC\_7-13-66\_n66 | 0.5 | - | 0.5 | 0.5 |
| DC\_7-20\_n1-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_7-20\_n3-n38 | - | 0.2 | - | 0.2 |
| DC\_7-20\_n3-n78 | - | - | - | 0.5 |
| DC\_7-20\_n8-n78 | - | 0.2 | 0.2 | 0.5 |
| DC\_7-20-28\_n1 | - | 0.2 | 0.2 | - |
| DC\_7-20-28\_n3 | - | 0.2 | 0.1 | - |
| DC\_7-20\_n28-n78 | - | 0.2 | 0.2 | 0.5 |
| DC\_7-20-32\_n8 | - | 0.2 | - | 0.2 |
| DC\_7-20-32\_n28 | - | - | - | 0.2 |
| DC\_7-20-32\_n78 | - | - | - | 0.5 |
| DC\_7-20-38\_n3 | - | - | 0.2 | - |
| DC\_7-20-38\_n8 | - | 0.2 | 0.2 | 0.2 |
| DC\_7-20-38\_n78 | - | - | 0.4 | 0.6 |
| DC\_7-28\_n1-n40 | 0.3 | 0.2 | - | 0.8 |
| DC\_7-28\_n3-n78 | 0.5 | 0.2 | 0.5 | 0.5 |
| DC\_7-28\_n5-n40 | 0.3 | 0.2 | 0.2 | 0.8 |
| DC\_7-28\_n7-n78 | - | - | - | 0.5 |
| DC\_7-28-32\_n1 | - | 0.2 | - | - |
| DC\_7-28-38\_n1 | - | 0.2 | 0.2 | - |
| DC\_7-28-38\_n78 | - | 0.2 | 0.4 | 0.5 |
| DC\_7-28\_n38-n78 | - | 0.2 | 0.4 | 0.5 |
| DC\_7-28\_n40-n78 | - | 0.2 | 0.4 | 0.5 |
| DC\_7-29-66\_n78 | 0.5 | - | 0.5 | 0.5 |
| DC\_7-32\_n1-n78 | 0.6 | - | 0.6 | 0.8 |
| DC\_7-38\_n3-n78 | 0.5 | 0.5 | 0.2 | 0.5 |
| DC\_7\_n40-n78-n105 | - | 0.4 | 0.8 | 0.3 |
| DC\_7-66\_n38-n78  DC\_7-7-66\_n38-n78 | - | 0.2 | - | 0.5 |
| DC\_7-28\_n1-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_7-28-66\_n7 | 0.5 | 0.2 | 0.5 | 0.5 |
| DC\_7-28-66\_n66 | 0.5 | 0.2 | 0.5 | 0.5 |
| DC\_7-40\_n1-n78 | - | 0.45 | 0.2 | 0.55 |
| DC\_7-66\_n2-n71 | 0.5 | 0.5 | 0.3 | 0.2 |
| DC\_7-66\_n2-n77 | - | 0.3 | 0.3 | 0.5 |
| DC\_7-66\_n2-n78 | - | 0.3 | 0.3 | 0.5 |
| DC\_7-66\_n12-n77 | 0.5 | 0.5 | 0.2 | 0.5 |
| DC\_7-66\_n12-n77 | 0.5 | 0.5 | 0.2 | 0.5 |
| DC\_7-66\_n25-n66 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_7-66\_n66-n71 | 0.5 | 0.5 | 0.5 | 0.1 |
| DC\_7-66\_n66-n77 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_7-66\_n66-n78  DC\_7-7-66\_n66-n78 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_7-66-71\_n2 | 0.5 | 0.5 | - | 0.3 |
| DC\_7-66\_n66-n71 | 0.5 | 0.5 | 0.1 | 0.5 |
| DC\_7-66-71\_n77 | 0.2 | 0.2 | - | 0.5 |
| DC\_7-66\_n71-n77 | 0.2 | 0.2 | - | 0.5 |
| DC\_7-66-71\_n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_7-66\_n71-n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_7-71\_n2-n66 | 0.5 | 0.2 | 0.2 | 0.5 |
| DC\_7-71\_n2-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_7-71\_n2-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_7-71\_n66-n77 | 0.2 | - | 0.2 | 0.5 |
| DC\_7-71\_n66-n78 | 0.2 | - | 0.2 | 0.5 |
| DC\_8\_n1-n3-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_8\_n3-n28-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_8\_n3-n77-n79 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_8-11\_n1-n77 | 0.2 | - | 0.2 | 0.5 |
| DC\_8-11\_n3-n28 | 0.2 | 0.3 | 0.5 | 0.2 |
| DC\_8-11\_n3-n77 | 0.2 | 0.3 | 0.5 | - |
| DC\_8-11\_n3-n79 | - | 0.3 | 0.5 | 0.5 |
| DC\_8-11\_n28-n77 | 0.2 | - | 0.2 | 0.5 |
| DC\_8-11\_n77-n79 | 0.2 | - | 0.5 | - |
| DC\_8-20-28\_n78 | 0.2 | 0.1 | 0.2 | 0.5 |
| DC\_8-20-32\_n3 | - | - | 0.5 | 0.3 |
| DC\_8\_n28-n77-n79 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_8\_n39-n40-n79 | - | 0.3 | 0.3 | 0.5 |
| DC\_8-40\_n1-n78 | 0.2 | 0.45 | - | 0.55 |
| DC\_8-41\_n1-n3 | - | 03 / 0.54 | - | - |
| DC\_8-41\_n1-n77 | 0.2 | - | 0.2 | 0.5 |
| DC\_8-41\_n1-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_8-41\_n3-n77 | 0.2 | 09 / 0.510 | 0.2 | 0.5 |
| DC\_8-42\_n1-n3 | 0.2 | 0.5 | - | 0.2 |
| DC\_8-42\_n1-n77 | 0.2 | 0.5 | 0.2 | 0.5 |
| DC\_8-42\_n3-n28 | 0.2 | 0.5 | 0.2 | 0.5 |
| DC\_8-42\_n3-n77 | 0.2 | 0.5 | 0.2 | 0.5 |
| DC\_8-42\_n28-n77 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_11\_n3-n28-n77 | 0.3 | 0.5 | 0.2 | 0.5 |
| DC\_11\_n3-n77-n79 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_12-30-66\_n2 | 0.5 | 0.5 | 0.4 | 0.4 |
| DC\_12-30-66\_n66 | 0.5 | 0.5 | 0.4 | 0.4 |
| DC\_12-30-66\_n77  DC\_12-30-66-66\_n77 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_12-48\_(n)5 | 0.5 | 0.3 | - | 0.5 |
| DC\_12-48-66\_n5 | 0.5 | 0.5 | 0.5 | - |
| DC\_12-66\_(n)5 | - | 0.5 | 0.5 | - |
| DC\_12-66\_n2-n41 | 0.5 | 0.3 | 0.3 | 0.5 |
| DC\_12-66\_n2-n77 | - | 0.3 | 0.3 | 0.5 |
| DC\_12-66\_n2-n78 | - | 0.3 | 0.3 | 0.5 |
| DC\_12-66\_n66-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_13-48-66\_n77 | - | 0.5 | 0.2 | 0.5 |
| DC\_13-66\_n2-n77 | - | 0.2 | 0.2 | 0.5 |
| DC\_13-66\_n5-n48 | 0.3 | 0.2 | 0.5 | 0.5 |
| DC\_13-66\_n5-n77 DC\_13-66-66\_n5-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_13-66\_n66-n77 | - | 0.2 | 0.2 | 0.5 |
| DC\_14-30-66-n2 | - | 0.5 | 0.4 | 0.4 |
| DC\_14-30-66\_n66 | - | 0.5 | 0.4 | 0.4 |
| DC\_14-30-66\_n77  DC\_14-30-66-66\_n77 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_18-41\_n3-n77 | 0.2 | 03 / 0.54 | 0.2 | 0.5 |
| DC\_18-41\_n3-n78 | 0.2 | 03 / 0.54 | 0.2 | 0.5 |
| DC\_19\_n1-n77-n79 | 0.3 | 0.3 | 0.5 | - |
| DC\_19\_n1-n78-n79 | 0.3 | 0.3 | 0.5 | - |
| DC\_19-21\_n1-n77 | - | - | - | 0.5 |
| DC\_19-21\_n1-n78 | - | - | 0.2 | 0.5 |
| DC\_19-21-42\_n1 | - | - | 0.5 | - |
| DC\_19-21-42\_n77 | - | - | 0.5 | 0.5 |
| DC\_19-21-42\_n78 | - |  | 0.5 | 0.5 |
| DC\_19-21-42\_n79 | - | - | 0.5 | - |
| DC\_19-21\_n77-n79 | - | - | 0.5 | - |
| DC\_19-21\_n78-n79 | - | - | 0.5 | - |
| DC\_19-42\_n1-n77 | - | 0.5 | 0.2 | 0.5 |
| DC\_19-42\_n1-n78 | - | 0.5 | - | 0.5 |
| DC\_19-42\_n1-n79 | - | 0.5 | - | - |
| DC\_19-42\_n77-n79 | - | 0.5 | 0.5 | - |
| DC\_19-42\_n78-n79 | - | 0.5 | 0.5 | - |
| DC\_20-(n)3-n67 | 0.1 | - | - | 0.1 |
| DC\_20-28-32\_n1 | 0.2 | 0.2 | - | - |
| DC\_20-28-32\_n3 | 0.3 | 0.2 | - | 0.3 |
| DC\_20-28-38\_n1 | 0.2 | 0.2 | - | - |
| DC\_20-32\_n1-n28 | 0.2 | - | - | 0.2 |
| DC\_20-38\_n3-n78 | 0.2 | 0.4 | 0.2 | 0.5 |
| DC\_20-41\_n1-n78 | - | - | - | 0.5 |
| DC\_20-67-(n)3 | 0.1 | 0.1 | - | - |
| DC\_21\_n1-n77-n79 | - | 0.2 | 0.5 | - |
| DC\_21\_n1-n78-n79 | - | 0.2 | 0.5 | - |
| DC\_21-28-42\_n77 | - | 0.2 | 0.5 | 0.5 |
| DC\_21-28-42\_n78 | - | 0.2 | 0.5 | 0.5 |
| DC\_21-28-42\_n79 | - | 0.2 | 0.5 | - |
| DC\_21\_n28-n77-n79 | - | 0.2 | 0.5 | - |
| DC\_21\_n28-n78-n79 | - | 0.2 | 0.5 | - |
| DC\_21-42\_n1-n77 | - | 0.5 | 0.2 | 0.5 |
| DC\_21-42\_n1-n78 | - | 0.5 | - | 0.5 |
| DC\_21-42\_n1-n79 | - | 0.5 | - | - |
| DC\_21-42\_n77-n79 | - | 0.5 | 0.5 | - |
| DC\_21-42\_n78-n79 | - | 0.5 | 0.5 | - |
| DC\_28\_n5-n40-n78 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_28-32-38\_n1 | 0.2 | - | - | - |
| DC\_28-41-42\_n78 | 0.2 | 0.4 | 0.5 | 0.5 |
| DC\_29-30-66\_n2  DC\_29-30-66-66\_n2 | - | 0.5 | 0.4 | 0.4 |
| DC\_29-30-66\_n66 | - | 0.5 | 0.3 | 0.3 |
| DC\_29-30-66\_n77 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_30-66-(n)5 | 0.5 | - | 0.4 | 0.5 |
| DC\_42\_n1-n77-n79 | 0.5 | 0.2 | 0.5 | - |
| DC\_42\_n1-n78-n79 | 0.5 | 0.2 | 0.5 | - |
| DC\_42\_n3-n28-n77 | 0.5 | 0.2 | 0.5 | 0.5 |
| DC\_46-66\_n25-n41 | - | 0.3 | 0.3 | 0.51 / 12 |
| DC\_46-66\_n41-n71 | - | 0.3 | 0.51 / 12 | 0.2 |
| DC\_48-66\_n25-n48 | 0.4 | 0.3 | 0.3 | 0.4 |
| DC\_66-71\_n2-n41 | 0.5 | - | 0.3 | 0.5 |
| DC\_66-71\_n2-n77 | 0.5 | - | 0.3 | 0.5 |
| DC\_66-71\_n2-n78 | 0.5 | - | 0.3 | 0.5 |
| DC\_66-71\_n66-n77 | 0.2 | 0.2 | 0.2 | 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.  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.  NOTE 9: The requirement is applied for UE transmitting on the frequency range of 2515 - 2690 MHz.  NOTE 10: The requirement is applied for UE transmitting on the frequency range of 2496 – 2515 MHz.  NOTE 11: “-” denotes ΔRIB,c = 0.  NOTE 12: The component band order in the configuration should be listed by the order of E-UTRA band and NR band respectively, such as for DC\_30-66-(n)5 the band order from left to right is 5, 30, 66 and n5. | | | | |

##### 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 | ΔRIB,c for E-UTRA band / NR band (dB)6 | | | | |
| --- | --- | --- | --- | --- | --- |
| Component band in order of bands in configuration7 | | | | |
| DC\_1-3-5-7\_n40  DC\_1-3-5-7-7\_n40 | - | - | 0.2 | 0.3 | 0.8 |
| DC\_1-3-5-7\_n77 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-5-7\_n78  DC\_1-3-5-7-7\_n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-5\_n40-n77 | 0.2 | 0.2 | 0.2 | 0.45 | 0.55 |
| DC\_1-3-5\_n40-n78 | 0.2 | 0.2 | 0.2 | 0.45 | 0.55 |
| DC\_1-3-5-41\_n79 | - | - | - | 03 / 0.54 | - |
| DC\_1-3-7\_n3-n78 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 |
| DC\_1-3-7\_n5-n40 | - | - | 0.3 | 0.2 | 0.8 |
| DC\_1-3-7\_n7-n78 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 |
| DC\_1-3-7-8\_n28 | - | - | - | 0.2 | 0.2 |
| DC\_1-3-7-8\_n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7\_n8-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-20\_n28 | - | - | - | 0.2 | 0.2 |
| DC\_1-3-7-20\_n38 | - | - | - | - | 0.2 |
| DC\_1-3-7-20\_n78 | 0.2 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-7\_n26-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-26\_n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-28\_n3 | - | - | - | 0.2 | - |
| DC\_1-3-7-28\_n5 | - | - | - | 0.2 | 0.2 |
| DC\_1-3-7-28\_n7  DC\_1-3-28-(n)7 | - | - | - | 0.2 | - |
| DC\_1-3-7-28\_n38 | - | - | - | 0.2 | - |
| DC\_1-3-7\_n28-n38 | - | - | - | 0.2 | - |
| DC\_1-3-7-28\_n40 | - | - | 0.3 | 0.2 | 0.8 |
| DC\_1-3-7-28\_n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-32\_n28 | - | 0.5 | - | - | 0.5 |
| DC\_1-3-7-32\_n78 | 0.3 | 0.3 | 0.3 | - | 0.5 |
| DC\_1-3-7-38\_n28 | - | - | - | 0.2 | 0.2 |
| DC\_1-3-7-40\_n78 | 0.2 | 0.2 | - | 0.45 | 0.55 |
| DC\_1-3-7\_n40-n77  DC\_1-3-7-7\_n40-n77 | - | - | 0.3 | 0.8 | 0.5 |
| DC\_1-3-7\_n40-n78 | - | - | 0.3 | 0.8 | 0.5 |
| DC\_1-3-7\_n75-n78 | 0.3 | 0.3 | 0.3 | - | 0.5 |
| DC\_1-3-7\_n78-n105 | 0.6 | 0.6 | 0.3 | 0.5 | 0.3 |
| DC\_1-3-8-11\_n28 | - | 0.3 | 0.2 | 0.5 | 0.2 |
| DC\_1-3-8-11\_n77 | 0.2 | 0.3 | 0.2 | 0.5 | 0.5 |
| DC\_1-3-8-20\_n78 | 0.2 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-8\_n28-n77 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-8-28\_n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-8\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-8-32\_n78 | 0.2 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-8-40\_n78 | 0.2 | 0.2 | 0.2 | 0.45 | 0.55 |
| DC\_1-3-8-42\_n77 | 0.2 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_1-(n)3-8\_n77 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-8\_n77-n79 | 0.2 | 0.3 | 0.3 | 0.5 | - |
| DC\_1-3-11\_n28-n77 | 0.2 | 0.3 | 0.5 | 0.2 | 0.5 |
| DC\_1-3-18\_n3-n41 | - | 0.5 | - | 0.5 | 03 / 0.54 |
| DC\_1-3-18\_n3-n77 | 0.2 | 0.2 | - | 0.2 | 0.5 |
| DC\_1-3-18\_n3-n78 | 0.2 | 0.2 | - | 0.2 | 0.5 |
| DC\_1-3-18\_n28-n41 | - | 0.5 | - | 0.2 | 03 / 0.54 |
| DC\_1-3-18\_n28-n77 | - | - | - | 0.2 | 0.5 |
| DC\_1-3-18\_n28-n78 | - | - | - | 0.2 | 0.5 |
| DC\_1-3-18\_n41-n77 | - | 0.5 | - | 03 / 0.54 | 0.5 |
| DC\_1-3-18\_n41-n78 | - | 0.5 | - | 03 / 0.54 | 0.5 |
| DC\_1-3-18-42\_n77 | 0.2 | 0.2 | - | 0.5 | 0.5 |
| DC\_1-3-18-42\_n78 | 0.2 | 0.2 | - | 0.5 | 0.5 |
| DC\_1-3-18-42\_n79 | 0.2 | 0.2 | - | 0.5 | - |
| DC\_1-3-19-21\_n77 | 0.2 | 0.3 | - | 0.5 | 0.5 |
| DC\_1-3-19-21\_n78 | 0.2 | 0.3 | - | 0.5 | 0.5 |
| DC\_1-3-19-21\_n79 | - | 0.3 | - | 0.5 | - |
| DC\_1-3-19-42\_n77 | 0.2 | 0.2 | - | 0.5 | 0.5 |
| DC\_1-3-19-42\_n78 | 0.2 | 0.2 | - | 0.5 | 0.5 |
| DC\_1-3-19-42\_n79 | 0.2 | 0.2 | - | 0.5 | - |
| DC\_1-3-20\_n7-n78 | 0.2 | 0.2 | - | - | 0.5 |
| DC\_1-3-20\_n8-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-20\_n28-n75 | 0.2 | 0.5 | 0.2 | 0.5 | - |
| DC\_1-3-20\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-20-32\_n28 | - | 0.5 | 0.2 | - | 0.5 |
| DC\_1-3-20-32\_n78 | 0.2 | 0.2 | - | - | 0.5 |
| DC\_1-3-20-38\_n78 | - | 0.2 | 0.2 | 0.4 | 0.5 |
| DC\_1-3-20\_n38-n78 | - | 0.2 | 0.2 | 0.4 | 0.5 |
| DC\_1-3-20-40\_n78 | - | - | - | 05 | 0.55 |
| DC\_1-3-20\_n41-n78 | - | - | - | - | 0.5 |
| DC\_1-3-21-42\_n77 | 0.2 | 0.3 | 0.5 | 0.5 | 0.2 |
| DC\_1-3-21-42\_n78 | 0.2 | 0.3 | 0.5 | 0.5 | 0.2 |
| DC\_1-3-21-42\_n79 | 0.2 | 0.3 | 0.5 | 0.5 | - |
| DC\_1-3-21\_n77-n79 | 0.2 | 0.3 | 0.5 | 0.5 | - |
| DC\_1-3-21\_n78-n79 | 0.2 | 0.3 | 0.5 | 0.5 | - |
| DC\_1-3-28\_n3-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-28\_n7-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-28-40\_n78 | - | - | 0.2 | - | 0.5 |
| DC\_1-3-28\_n40-n78 | - | 0.2 | 0.2 | 0.45 | 0.55 |
| DC\_1-3-28-42\_n77 | 0.2 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_1-3-28-42\_n78 | 0.2 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_1-3-28-42\_n79 | 0.2 | 0.2 | 0.2 | 0.5 | - |
| DC\_1-3\_n28-n77-n79 | 0.2 | 0.2 | 0.2 | 0.5 | - |
| DC\_1\_n3-n28-n77-n79 | 0.3 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_1-3\_n28-n78-n79 | 0.2 | 0.2 | 0.2 | 0.5 | - |
| DC\_1-3-38\_n28-n78 | - | 0.2 | - | 0.2 | 0.5 |
| DC\_1-3-41\_n3-n41 | - | - | 03 / 0.54 | - | 03 / 0.54 |
| DC\_1-3-41\_n3-n77 | 0.2 | 0.2 | - | 0.2 | 0.5 |
| DC\_1-3-41\_n3-n78 | 0.2 | 0.2 | - | 0.2 | 0.5 |
| DC\_1-3-41\_n28-n41 | - | - | 03 / 0.54 | 0.2 | 03 / 0.54 |
| DC\_1-3-41\_n28-n77 | 0.2 | 0.2 | 03 / 0.54 | 0.2 | 0.5 |
| DC\_1-3-41\_n28-n78 | - | 0.2 | 03 / 0.54 | 0.2 | 0.5 |
| DC\_1-3-41\_n41-n77 | 0.2 | 0.2 | - | - | 0.5 |
| DC\_1-3-41\_n41-n78 | 0.2 | 0.2 | - | - | 0.5 |
| DC\_1-3-41-42\_n77 | 0.2 | 0.2 | - | 0.5 | 0.5 |
| DC\_1-3-41-42\_n78 | 0.2 | 0.2 | - | 0.5 | 0.5 |
| DC\_1-3-41-42\_n79 | 0.2 | 0.2 | - | 0.5 | - |
| DC\_1-3-42\_n28-n77 | 0.2 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_1-5-7\_n40-n77  DC\_1-5-7-7\_n40-n77 | 0.2 | 0.2 | - | 0.45 | 0.55 |
| DC\_1-5-7\_n40-n78 | 0.2 | 0.2 | - | 0.45 | 0.55 |
| DC\_1-7-8-20 \_n3 | - | - | 0.2 | 0.2 | - |
| DC\_1-7-8-20 \_n28 | - | - | 0.2 | 0.2 | 0.2 |
| DC\_1-7-8-20\_n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-7-8\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-7-8-32\_n78 | 0.2 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-7-8-40\_n78 | 0.2 | - | 0.2 | 0.45 | 0.55 |
| DC\_1-7-20\_n3-n38 | - | - | 0.2 | - | 0.2 |
| DC\_1-7-20\_n3-n78 | 0.2 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-7-20\_n8-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-7-20-28\_n3 | - | - | 0.2 | 0.2 | - |
| DC\_1-7-20\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-7-20-32\_n8 | - | - | 0.2 | - | 0.2 |
| DC\_1-7-20-32\_n28 | - | - | 0.2 | - | 0.2 |
| DC\_1-7-20-32\_n78 | 0.2 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-7-20-38\_n3 | - | - | - | 0.2 | - |
| DC\_1-7-28\_n3-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-7-28\_n5-n40 | - | 0.3 | 0.2 | 0.2 | 0.8 |
| DC\_1-7-28\_n7-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-7-28-32\_n3 | - | - | 0.2 | - | - |
| DC\_1-7-28\_n40-n78 | 0.2 | - | 0.2 | 0.4 | 0.5 |
| DC\_1-7-38\_n3-n78 | 0.6 | 0.6 | - | - | 0.8 |
| DC\_1-7\_n40-n78-n105 | 0.2 | 0.2 | 0.2 | 0.5 | 0.3 |
| DC\_1-8\_n3-n28-n77 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-8\_n3-n28-n79 | 0.3 | 0.3 | 0.2 | 0.2 | 0.5 |
| DC\_1-8\_n3-n77-n79 | 0.2 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_1-8-11\_n3-n28 | - | 0.2 | 0.3 | 0.5 | 0.2 |
| DC\_1-8-11\_n3-n77 | 0.2 | 0.2 | 0.3 | 0.5 | 0.5 |
| DC\_1-8-11\_n28-n77 | 0.2 | 0.2 | - | 0.2 | 0.5 |
| DC\_1-8-11\_n3-n79 | - | - | 0.3 | 0.5 | 0.5 |
| DC\_1-8-11\_n77-n79 | 0.2 | 0.2 | - | 0.5 | - |
| DC\_1-8-20-28\_n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-8\_n28-n77-n79 | 0.3 | 0.3 | 0.3 | 0.5 | 0.5 |
| DC\_1-8-42\_n28-n77 | 0.2 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_1-11\_n3-n28-n77 | 0.2 | 0.3 | 0.5 | 0.2 | 0.3 |
| DC\_1-18-41\_n3-n77 | 0.2 | - | 03 / 0.54 | 0.2 | 0.5 |
| DC\_1-18-41\_n3-n78 | 0.2 | - | 03 / 0.54 | 0.2 | 0.5 |
| DC\_1-8-(n)3-n77 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-8-42\_n3-n28 | - | 0.2 | 0.5 | 0.2 | 0.5 |
| DC\_1-8-42\_n3-n77 | 0.2 | 0.2 | 0.5 | 0.2 | 0.5 |
| DC\_1-11\_n3-n77-n79 | 0.2 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_1-19-21-42\_n77 | 0.2 | - | - | 0.5 | 0.5 |
| DC\_1-19-21-42\_n78 | - | - | - | 0.5 | 0.5 |
| DC\_1-19-21-42\_n79 | - | - | - | 0.5 | - |
| DC\_1-19-42\_n77-n79 | 0.2 | - | 0.5 | 0.5 | - |
| DC\_1-19-42\_n78-n79 | - | - | 0.5 | 0.5 | - |
| DC\_1-20-28-32\_n3 | - | 0.2 | 0.2 | - | - |
| DC\_1-20-38\_n3-n78 | - | - | - | 0.2 | 0.5 |
| DC\_1-21-28-42\_n77 | 0.2 | - | 0.2 | 0.5 | 0.5 |
| DC\_1-21-28-42\_n78 | - | - | 0.2 | 0.5 | 0.5 |
| DC\_1-21-28-42\_n79 | - | - | 0.2 | 0.5 | - |
| DC\_1-21\_n28-n77-n79 | 0.3 | - | 0.3 | 0.5 | - |
| DC\_1-21\_n28-n78-n79 | 0.3 | - | 0.3 | 0.5 | - |
| DC\_1-21-42\_n77-n79 | 0.2 | 0.2 | 0.5 | 0.5 | - |
| DC\_1-21-42\_n78-n79 | - | 0.2 | 0.5 | 0.5 | - |
| DC\_1-42\_n3-n28-n77 | 0.2 | 0.5 | 0.2 | 0.5 | 0.5 |
| DC\_2-5-7\_n2-n66 | 0.3 | - | 0.5 | 0.3 | 0.5 |
| DC\_2-5-7\_n2-n78 | 0.2 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_2-5-7-66\_n2 | 0.3 | - | 0.5 | 0.5 | 0.3 |
| DC\_2-5-7-66\_n7  DC\_2-5-7-66-66­\_n7 | 0.3 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_2-5-7-66\_n66 | 0.3 | - | 0.5 | 0.5 | 0.5 |
| DC\_2-5-7-66\_n77 | 0.2 | - | 0.2 | 0.2 | 0.5 |
| DC\_2-5-7-66\_n78  DC\_2-5-7\_n66-n78 | 0.2 | - | 0.2 | 0.2 | 0.5 |
| DC\_2-5-30-66\_n2 | 0.4 | - | 0.5 | 0.4 | 0.4 |
| DC\_2-5-30-66\_n66 | 0.4 | - | 0.5 | 0.4 | 0.4 |
| DC\_2-5-30-66\_n77 | 0.3 | 0.2 | 0.5 | 0.4 | 0.5 |
| DC\_2-5-66\_n2-n77  DC\_2-5-66-66\_n2-n77 | 0.2 | 0.2 | 0.3 | 0.3 | 0.5 |
| DC\_2-5-66\_n2-n78 | 0.2 | 0.2 | 0.3 | 0.3 | 0.5 |
| DC\_2-5-66\_n5-n77  DC\_2-5-66-66\_n5-n77 | 0.3 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-5-66\_n66-n77 | 0.3 | - | 0.3 | 0.3 | 0.5 |
| DC\_2-7-12\_n2-n78 | 0.3 | 0.3 | 0.5 |  |  |
| DC\_2-7-12-66\_n2 | 0.3 | 0.3 | 0.5 | 0.5 | 0.3 |
| DC\_2-7-12-66\_n77 | 0.2 | 0.5 | 0.2 | 0.5 | 0.5 |
| DC\_2-7-12-66\_n78  DC\_2-7-12\_n66-n78 | 0.2 | 0.2 | - | 0.2 | 0.5 |
| DC\_2-7-13\_n25-n66 | 0.3 | 0.5 | - | 0.3 | 0.5 |
| DC\_2-7-13-66\_n66 | 0.3 | 0.5 | - | 0.5 | 0.5 |
| DC\_2-7-28-66\_n7 | 0.3 | 0.5 | 0.2 | 0.5 | 0.5 |
| DC\_2-7-28-66\_n66 | 0.3 | 0.5 | 0.2 | 0.5 | 0.5 |
| DC\_2-7-29-66\_n78  DC\_2-7-7-29-66\_n78 | 0.2 | 0.5 | 0.2 | 0.5 | 0.5 |
| DC\_2-7-66\_n2-n71 | 0.3 | 0.5 | 0.3 | 0.5 | - |
| DC\_2-7-66\_n2-n78 | 0.3 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-7-66\_n25-n66 | 0.3 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-7-66\_n66-n71 | 0.3 | 0.5 | 0.5 | 0.5 | 0.2 |
| DC\_2-7-66\_n66-n77 | 0.3 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_2-7-66\_n66-n78  DC\_2-7-7-66\_n66-n78 | 0.3 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_2-7-66-71\_n2 | 0.3 | 0.5 | 0.5 | - | 0.3 |
| DC\_2-7-66-71\_n77 | 0.2 | 0.2 | 0.2 | - | 0.5 |
| DC\_2-7-66-71\_n78  DC\_2-7-66\_n71-n78 | 0.2 | 0.2 | 0.2 | - | 0.5 |
| DC\_2-7-71\_n2-n78 | 0.2 | 0.2 | 0.2 | - | 0.5 |
| DC\_2-7-71\_n66-n78 | 0.3 | 0.5 | 0.2 | 0.3 | 0.5 |
| DC\_2-12-30-66\_n2 | 0.4 | 0.5 | 0.5 | 0.4 | 0.4 |
| DC\_2-12-30-66\_n66 | 0.4 | 0.5 | 0.5 | 0.4 | 0.4 |
| DC\_2-12-30-66\_n77 | 0.2 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_2-12-66\_n2-n78 | 0.2 | - | 0.3 | 0.3 | 0.5 |
| DC\_2-13-66\_n2-n77  DC\_2-13-66-66\_n2-n77 | 0.2 | - | 0.3 | 0.3 | 0.5 |
| DC\_2-13-66\_n5-n77  DC\_2-2-13-66\_n5-n77  DC\_2-13-66-66\_n5-n77 | 0.3 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_2-13-66\_n66-n77  DC\_2-2-13-66\_n66-n77 | 0.3 | - | 0.3 | 0.3 | 0.5 |
| DC\_2-14-30-66\_n2 | 0.4 | - | 0.5 | 0.4 | 0.4 |
| DC\_2-14-30-66\_n66 | 0.4 | - | 0.5 | 0.4 | 0.4 |
| DC\_2-14-30-66\_n77 | 0.2 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_2-29-30-66\_n2 | 0.4 | - | 0.5 | 0.4 | 0.4 |
| DC\_2-29-30-66\_n66 | 0.4 | - | 0.5 | 0.4 | 0.4 |
| DC\_2-29-30-66\_n77 | 0.2 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_2-30-66-(n)5 | 0.4 | - | 0.5 | 0.4 | - |
| DC\_2-46-66\_n41-n71 | 0.3 | - | 0.3 | 0.51 / 12 | 0.5 |
| DC\_2-66-71\_n2-n78 | 0.3 | 0.5 | - | 0.3 | 0.5 |
| DC\_3-5-7\_n40-n77  DC\_3-5-7-7\_n40-n77 | 0.2 | 0.2 | - | 0.45 | 0.55 |
| DC\_3-5-7\_n40-n78 | 0.2 | 0.2 | - | 0.45 | 0.55 |
| DC\_3-7\_n1-n75-n78 | 0.3 | 0.3 | 0.3 | - | 0.5 |
| DC\_3-7-8\_n1-n40 | - | 0.3 | 0.2 | 0.1 | 0.8 |
| 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 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-7-8-20\_n1 | - | - | 0.2 | 0.2 | - |
| DC\_3-7-8\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-7-8-40\_n78 | 0.2 | - | 0.2 | 0.45 | 0.55 |
| DC\_3-7-20\_n1-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-7-20\_n8-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-7-20-28\_n1 | - | - | 0.2 | 0.2 | - |
| DC\_3-7-20\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.2 | - |
| DC\_3-7-20-38\_n78 | 0.2 | 0.2 | - | 0.2 | 0.5 |
| DC\_3-7-28\_n1-n40 | - | 0.3 | 0.2 | - | 0.8 |
| DC\_3-7-28\_n1-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-7-28\_n3-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-7-28\_n5-n40 | - | 0.7 | 0.2 | 0.2 | 0.8 |
| DC\_3-7-28\_n7-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-7-28\_n40-n78 | 0.2 | - | 0.2 | 0.4 | 0.5 |
| DC\_3-7-32\_n1-n78 | 0.3 | 0.3 | - | 0.3 | 0.5 |
| DC\_3-7-40\_n1-n78 | 0.2 | - | 0.45 | 0.2 | 0.55 |
| DC\_3-7\_n40-n78-n105 | 0.2 | 0.2 | 0.2 | 0.5 | 0.3 |
| DC\_3-8-11\_n28-n77 | 0.3 | 0.2 | 0.5 | 0.2 | 0.5 |
| DC\_3-8-40\_n1-n78 | 0.2 | 0.2 | 0.45 | 0.2 | 0.55 |
| DC\_3-8-41\_n1-n78  DC\_3-3-8-41\_n1-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-19-21-42\_n77 | 0.3 | - | 0.5 | 0.5 | 0.5 |
| DC\_3-19-21-42\_n78 | 0.3 | - | 0.5 | 0.5 | 0.5 |
| DC\_3-19-21-42\_n79 | 0.3 | - | 0.5 | 0.5 | - |
| DC\_3-19-42\_n1-n77 | 0.2 | - | 0.5 | 0.2 | 0.5 |
| DC\_3-19-42\_n1-n78 | 0.2 | - | 0.5 | 0.2 | 0.5 |
| DC\_3-19-42\_n1-n79 | 0.2 | - | 0.5 | 0.2 | - |
| DC\_3-20\_n1-n28-n75 | 0.5 | 0.2 | - | 0.5 | - |
| DC\_3-20-32\_n1-n28 | 0.5 | 0.2 | - | 0.2 | 0.5 |
| DC\_3-20-41\_n1-n78  DC\_3-3-20-41\_n1-n78 | - | - | - | - | 0.5 |
| DC\_3-21\_n1-n77-n79 | 0.3 | 0.5 | 0.2 | 0.5 | - |
| DC\_3-21\_n1-n78-n79 | 0.3 | 0.5 | 0.2 | 0.5 | - |
| DC\_3-21\_n28-n77-n79 | 0.3 | 0.5 | 0.2 | 0.5 | - |
| DC\_3-21-42\_n1-n77 | 0.3 | 0.5 | 0.5 | 0.2 | 0.2 |
| DC\_3-21-42\_n1-n78 | 0.3 | 0.5 | 0.5 | 0.2 | 0.2 |
| DC\_3-21-42\_n1-n79 | 0.3 | 0.5 | 0.5 | 0.2 | - |
| DC\_5-7-66\_n2-n78 | 0.5 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_3-28-41-42\_n78 | 0.5 | 0.2 | 0.43 / 0.54 | 0.5 | 0.5 |
| DC\_7-8-20-32\_n1 | - | 0.2 | 0.2 | - | - |
| DC\_7-8-20-38\_n1 | - | 0.2 | 0.2 | 0.2 | - |
| DC\_7-8-32-38\_n1 | - | 0.2 | - | 0.2 | - |
| DC\_7-8-40\_n1-n78 | - | 0.2 | 0.45 | 0.2 | 0.55 |
| DC\_7-12-66\_n2-n78 | 0.5 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_7-20-28-32\_n3 | - | 0.2 | 0.1 | - | - |
| DC\_7-20-28-38\_n1 | - | 0.2 | - | - | - |
| DC\_7-20-32-38\_n1 | - | - | - | 0.2 | - |
| DC\_7-28-32-38\_n1 | - | 0.2 | - | 0.2 | - |
| DC\_7-8-40\_n1-n78 | - | 0.2 | 0.45 | 0.2 | 0.55 |
| DC\_7-20-32-38\_n1 | - | - | - | 0.2 | - |
| DC\_7-20-38\_n3-n78 | - | - | 0.4 | - | 0.6 |
| DC\_7-66-71\_n2-n78 | 0.5 | 0.5 | - | 0.3 | 0.5 |
| DC\_8\_n3-n28-n77-n79 | 0.2 | 0.2 | 0.2 | 0.5 | 0.5 |
| DC\_8-11\_n3-n28-n77 | 0.2 | 0.3 | 0.5 | 0.2 | 0.5 |
| DC\_8-11\_n3-n77-n79 | 0.2 | 0.3 | 0.5 | 0.5 | 0.5 |
| DC\_8-42\_n3-n28-n77 | 0.2 | 0.5 | 0.2 | 0.5 | 0.5 |
| DC\_19-21-42\_n1-n77 | - | - | 0.5 | 0.2 | 0.5 |
| DC\_19-21-42\_n1-n78 | - | - | 0.5 | - | 0.5 |
| DC\_19-21-42\_n1-n79 | - | - | 0.5 | - | - |
| DC\_19-21-42\_n77-n79 | - | - | 0.5 | 0.5 | - |
| DC\_19-21-42\_n78-n79 | - | - | 0.5 | 0.5 | - |
| DC\_19-42\_n1-n77-n79 | 0.3 | 0.5 | 0.3 | 0.5 | - |
| DC\_19-42\_n1-n78-n79 | 0.3 | 0.5 | 0.3 | 0.5 | - |
| DC\_20-28-32-38\_n1 | 0.2 | 0.2 | - | - | - |
| 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: “-” denotes ΔRIB,c = 0.  NOTE 7: The component band order in the configuration should be listed by the order of E-UTRA band and NR band respectively, such as for DC\_2-30-66-(n)5 the band order from left to right is 2, 5, 30, 66 and n5. | | | | | |

##### 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** | **ΔRIB,c for E-UTRA band / NR band (dB)3** | | | | | |
| **Component band in order of bands in configuration4** | | | | | |
| DC\_1-3-5-7\_n40-n77  DC\_1-3-5-7-7\_n40-n77 | 0.2 | 0.2 | 0.2 | - | 0.41 | 0.51 |
| DC\_1-3-5-7\_n40-n78 | 0.2 | 0.2 | 0.2 | - | 0.41 | 0.51 |
| DC\_1-3-7-8\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-8-32\_n78 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-7-8-40\_n78 | 0.2 | 0.2 | - | 0.2 | 0.41 | 0.51 |
| DC\_1-3-7-20\_n8-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-20\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-20-32\_n78 | 0.2 | - | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-7-20-38\_n78 | 0.7 | 0.7 | - | 0.6 | - | 0.8 |
| DC\_1-3-7-20\_n38-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-28\_n3-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-28\_n5-n40 | - | - | 0.3 | 0.2 | 0.2 | 0.8 |
| DC\_1-3-7-28\_n7-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-28\_n38-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-28\_n40-n78 | - | - | 0.3 | 0.2 | 0.8 | 0.5 |
| DC\_1-3-7\_n40-n78-n105 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 | 0.2 |
| DC\_1-3-8-11\_n28-n77 | 0.2 | 0.3 | 0.2 | 0.5 | 0.2 | 0.5 |
| DC\_1-3-8-20-28\_n78 | - | - | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-7-20-28-32\_n3 | - | - | 0.2 | 0.2 | - | - |
| DC\_1-7-20-38\_n3-n78 | 0.6 | 0.6 | 0.2 | 0.4 | - | 0.8 |
| DC\_1-8\_n3-n28-n77-n79 | 0.3 | 0.3 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_1-8-11\_n3-n28-n77 | 0.2 | 0.2 | 0.3 | 0.5 | 0.2 | 0.5 |
| DC\_1-8-42\_n3-n28-n77 | 0.2 | 0.2 | 0.5 | 0.2 | 0.5 | 0.5 |
| DC\_2-5-7-66\_n2-n78 | 0.3 | - | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-7-12-66\_n2-n78 | 0.3 | 0.3 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-7-66-71\_n2-n78 | 0.3 | 0.5 | 0.5 | - | 0.3 | 0.5 |
| DC\_3-7-8-40\_n1-n78 | 0.2 | - | 0.2 | 0.42 | 0.2 | 0.52 |
| DC\_7-8-20-32-38\_n1 | - | 0.2 | 0.2 | - | - | - |
| DC\_7-20-28-32-38\_n1 | - | 0.2 | 0.2 | - | 0.2 | - |
| 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.  NOTE 3: “-” denotes ΔRIB,c = 0.  NOTE 4: The component band order in the configuration should be listed by the order of E-UTRA band and NR band respectively. | | | | | | |

## << End change >>