**3GPP TSG-RAN WG4 Meeting # 109 *R4-2319609***

**Chicago, US, November 13 – 17, 2023**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-3** | **CR** | **xxxx** | **rev** | **-** | **Current version:** | **18.3.0** |  |
|  | | | | | | | | |
| *For* ***[HE](http://www.3gpp.org/3G_Specs/CRs.htm" \l "_blank)******[LP](http://www.3gpp.org/3G_Specs/CRs.htm" \l "_blank)*** *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:*** | Draft CR for TS 38.101-3 to add DC\_3-7-20-28\_n78, DC\_1-1-3-7-20\_n78, DC\_1-3-3-7-20\_n78 and DC\_1-3-7-7-20\_n78 configurations | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | ZTE Corporation | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | DC\_R18\_xBLTE\_1BNR\_yDL2UL-Core | | | | |  | ***Date:*** | | | 2023-11-02 |
|  |  | | | |  | |  | | |  |
| ***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:*** | | The inter-band EN-DC configurations DC\_3-7-20-28\_n78, DC\_1-1-3-7-20\_n78, DC\_1-3-3-7-20\_n78 and DC\_1-3-7-7-20\_n78 are added. Note that the fallback configuration DC\_7-20-28\_n78 was endorsed in R4-2316682 in RAN4#108bis meeting. The other fallbacks are already supported in the specification. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | The EN-DC configurations DC\_3-7-20-28\_n78, DC\_1-1-3-7-20\_n78, DC\_1-3-3-7-20\_n78 and DC\_1-3-7-7-20\_n78 are added. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The related EN-DC configurations will remain unsupported. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5B.4.4, 6.2B.4.2.3.4, 7.3B.3.3.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **X** |  | Test specifications | | | | TS 38.521-3 | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

### *<< Start of changes >>*

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

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

| **EN-DC**  **configuration** | **Uplink EN-DC**  **configuration**  **(NOTE 1)** |
| --- | --- |
| DC\_1A-3A-5A-7A\_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-1A-3A-7A-20A\_n78A2  DC\_1A-3A-3A-7A-20A\_n78A2  DC\_1A-3A-7A-7A-20A\_n78A2 | 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 |
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| 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 |
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| 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 |
| DC\_1A-3A-28A\_n7B-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_28A\_n7A  DC\_1A\_n7B  DC\_3A\_n7B  DC\_28A\_n7B  DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_1A-3C-28A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n78A |
| DC\_1A-3C-28A\_n7B-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A  DC\_1A\_n7B  DC\_3A\_n7B  DC\_28A\_n7B  DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n78A |
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| DC\_1A-3A-28A\_n38A-n78A | DC\_1A\_n38A  DC\_1A\_n78A  DC\_3A\_n38A  DC\_3A\_n78A  DC\_28A\_n38A  DC\_28A\_n78A |
| DC\_1A-3A-28A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_3A\_n40A  DC\_3A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_1A-3A-28A-42A\_n77A  DC\_1A-3A-28A-42A\_n77C  DC\_1A-3A-28A-42C\_n77A  DC\_1A-3A-28A-42C\_n77C | DC\_1A\_n77A  DC\_3A\_n77A  DC\_28A\_n77A |
| DC\_1A-3A-28A-42A\_n78A  DC\_1A-3A-28A-42A\_n78C  DC\_1A-3A-28A-42C\_n78A  DC\_1A-3A-28A-42C\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A |
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| DC\_1A-3A-38A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_38A\_n28A  DC\_38A\_n78A |
| DC\_1A-3C-38A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3C\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_38A\_n28A  DC\_38A\_n78A |
| DC\_1A-3A-41A\_n3A-n41A | DC\_1A\_n3A  DC\_1A\_n41A  DC\_3A\_n3A4  DC\_3A\_n41A  DC\_41A\_n3A |
| DC\_1A-3A-41A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_3A\_n3A4  DC\_3A\_n77A  DC\_41A\_n3A  DC\_41A\_n77A |
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| DC\_1A-3A-41A\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_41A\_n28A  DC\_41A\_n77A |
| DC\_1A-3A-41C\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_41A\_n28A  DC\_41A\_n77A  DC\_41C\_n28A  DC\_41C\_n77A |
| DC\_1A-3A-41A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_41A\_n28A  DC\_41A\_n78A |
| DC\_1A-3A-41C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_41A\_n28A  DC\_41A\_n78A  DC\_41C\_n28A  DC\_41C\_n78A |
| DC\_1A-3A-41A\_n41A-n77A | DC\_1A\_n41A  DC\_1A\_n77A  DC\_3A\_n41A  DC\_3A\_n77A  DC\_41A\_n77A |
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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 |
| DC\_1A-5A-7A-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-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\_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 |
| DC\_1A-7A-20A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_20A\_n3A  DC\_20A\_n78A |
| DC\_1A-7A-20A\_n3A-n38A | DC\_1A\_n3A  DC\_20A\_n3A |
| DC\_1A-7A-20A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A |
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| DC\_1A-7A-20A-32A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-7A-20A-32A\_n8A | DC\_1A\_n8A  DC\_7A\_n8A  DC\_20A\_n8A |
| DC\_1A-7A-20A-38A\_n3A | DC\_1A\_n3A  DC\_20A\_n3A |
| DC\_1A-7A-20A-38A\_n8A | DC\_1A\_n8A  DC\_20A\_n8A |
| DC\_1A-7A-20A-38A\_n78A | DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-7A-20A\_n38A-n78A | DC\_1A\_n78A  DC\_20A\_n78A |
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| DC\_1A-7A-28A\_n5A-n40A | DC\_1A\_n5A  DC\_1A\_n40A  DC\_7A\_n5A  DC\_7A\_n40A  DC\_28A\_n5A  DC\_28A\_n40A |
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| DC\_1A-7A-28A\_n7A-n78A | DC\_1A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A  DC\_1A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_1A-7A-28A-32A\_n3A  DC\_1A-7C-28A-32A\_n3A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_28A\_n3A |
| DC\_1A-7A-28A\_n38A-n78A | DC\_1A\_n78A  DC\_28A\_n78A |
| DC\_1A-7A-28A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_1A-7A-38A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A |
| 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 |
| DC\_1A-8A\_n3A-n28A-n79A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n79A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n79A |
| DC\_1A-8A\_n3A-n77A-n79A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_1A\_n79A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_1A-8A\_n3A-n77(2A)-n79A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_1A\_n79A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_1A-8A-11A\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_11A\_n3A  DC\_11A\_n28A |
| DC\_1A-8A-11A\_n3A-n77A2 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n3A-n77(2A) 2 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n3A-n79A | DC\_1A\_n3A  DC\_1A\_n79A  DC\_8A\_n3A  DC\_8A\_n79A  DC\_11A\_n3A  DC\_11A\_n79A |
| DC\_1A-8A-11A\_n28A-n77A2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n28A-n77(2A) 2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A  DC\_8A\_n77A  DC\_8A\_n79A  DC\_11A\_n77A  DC\_11A\_n79A |
| DC\_1A-8A-11A\_n77(2A)-n79A | DC\_1A\_n77A  DC\_1A\_n79A  DC\_8A\_n77A  DC\_8A\_n79A  DC\_11A\_n77A  DC\_11A\_n79A |
| DC\_1A-8A-20A-28A\_n78A | DC\_1A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A  DC\_28A\_n78A |
| DC\_1A-8A\_n28A-n77A-n79A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_1A\_n79A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_1A-8A-42A\_n3A-n28A2 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_1A-8A-42C\_n3A-n28A2 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-8A-42A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A |
| DC\_1A-8A-42A\_n3A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A |
| DC\_1A-8A-42C\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_1A-8A-42C\_n3A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_1A-8A-42A\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n28A |
| DC\_1A-8A-42A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n28A |
| DC\_1A-8A-42C\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-8A-42C\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-11A\_n3A-n28A-n77A2 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-11A\_n3A-n28A-n77(2A) 2 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-11A\_n3A-n77A-n79A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_1A\_n79A  DC\_11A\_n3A  DC\_11A\_n77A  DC\_11A\_n79A |
| 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-19A-21A-42A\_n78A5,6,8  DC\_1A-19A-21A-42A\_n78C5,6  DC\_1A-19A-21A-42C\_n78A5,6,8  DC\_1A-19A-21A-42C\_n78C5,6 | DC\_1A\_n78A8  DC\_19A\_n78A8  DC\_21A\_n78A8 |
| DC\_1A-19A-21A-42A\_n79A8  DC\_1A-19A-21A-42A\_n79C  DC\_1A-19A-21A-42C\_n79A8  DC\_1A-19A-21A-42C\_n79C | DC\_1A\_n79A8  DC\_19A\_n79A8  DC\_21A\_n79A8 |
| DC\_1A-19A-42A\_n77A-n79A5,6  DC\_1A-19A-42C\_n77A-n79A5,6 | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_1A-19A-42A\_n78A-n79A5,6  DC\_1A-19A-42C\_n78A-n79A5,6 | DC\_1A\_n78A  DC\_1A\_n79A  DC\_19A\_n78A  DC\_19A\_n79A |
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| DC\_1A-21A-28A-42A\_n78A5,6  DC\_1A-21A-28A-42C\_n78A5,6 | DC\_1A\_n78A  DC\_21A\_n78A  DC\_28A\_n78A |
| DC\_1A-21A-28A-42A\_n79A  DC\_1A-21A-28A-42C\_n79A | DC\_1A\_n79A  DC\_21A\_n79A  DC\_28A\_n79A |
| DC\_1A-21A\_n28A-n77A-n79A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_1A\_n79A  DC\_21A\_n28A  DC\_21A\_n77A  DC\_21A\_n79A |
| DC\_1A-21A\_n28A-n78A-n79A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_1A\_n79A  DC\_21A\_n28A  DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_1A-21A-42A\_n77A-n79A5,6  DC\_1A-21A-42C\_n77A-n79A5,6 | DC\_1A\_n77A  DC\_1A\_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 |
| DC\_1A-42C\_n3A-n28A-n77A5,6 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-42C\_n3A-n28A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_2A-5A-7A\_n2A-n66A | DC\_2A\_n2A4  DC\_2A\_n66A  DC\_5A\_n2A  DC\_5A\_n66A  DC\_7A\_n2A  DC\_7A\_n66A |
| DC\_2A-5A-7A\_n2A-n78A | DC\_2A\_n2A4  DC\_2A\_n78A  DC\_5A\_n2A  DC\_5A\_n78A  DC\_7A\_n2A  DC\_7A\_n78A |
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| DC\_2A-5A-7A-66A\_n7A | DC\_2A\_n7A  DC\_5A\_n7A  DC\_7A\_n7A4  DC\_66A\_n7A |
| DC\_2A-5A-7A-66A-66A\_n7A | DC\_2A\_n7A  DC\_5A\_n7A  DC\_7A\_n7A4  DC\_66A\_n7A |
| DC\_2A-5A-7A-66A\_n66A  DC\_2A-5A-7C-66A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A  DC\_7A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-5A-7A-7A-66A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A  DC\_7A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-5A-7A-66A\_n77A | DC\_2A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A  DC\_66A\_n77A |
| DC\_2A-5A-7A-66A\_n78A | DC\_2A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_2A-5A-7A\_n66A-n78A | DC\_2A\_n66A  DC\_2A\_n78A  DC\_5A\_n66A  DC\_5A\_n78A  DC\_7A\_n66A  DC\_7A\_n78A |
| DC\_2A-5A-30A-66A\_n2A | DC\_2A\_n2A4  DC\_5A\_n2A  DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_2A-5A-30A-66A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
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| DC\_2A-5A-66A\_n5A-n77A | DC\_2A\_n5A  DC\_2A\_n77A  DC\_5A\_n77A  DC\_66A\_n5A  DC\_66A\_n77A |
| DC\_2A-5A-66A-66A\_n5A-n77A | DC\_2A\_n5A  DC\_2A\_n77A  DC\_5A\_n77A  DC\_66A\_n5A  DC\_66A\_n77A |
| 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 |
| DC\_2A-5A-66A\_n2A-n78A | DC\_2A\_n2A4  DC\_2A\_n78A  DC\_5A\_n2A  DC\_5A\_n78A  DC\_66A\_n2A  DC\_66A\_n78A |
| DC\_2A-5A-66A\_n66A-n77A8 | DC\_2A\_n66A  DC\_2A\_n77A**8**  DC\_5A\_n66A  DC\_5A\_n77A**8**  DC\_66A\_n77A8 |
| DC\_2A-7A-12A\_n2A-n78A | DC\_2A\_n2A4  DC\_2A\_n78A  DC\_7A\_n2A  DC\_7A\_n78A  DC\_12A\_n2A  DC\_12A\_n78A |
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| DC\_2A-7A-12A-66A\_n77A | DC\_2A\_n77A  DC\_7A\_n77A  DC\_12A\_n77A  DC\_66A\_n77A |
| DC\_2A-7A-12A-66A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_12A\_n78A  DC\_66A\_n78A |
| DC\_2A-2A-7A-12A-66A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_12A\_n78A  DC\_66A\_n78A |
| DC\_2A-7A-12A\_n66A-n78A | DC\_2A\_n66A  DC\_2A\_n78A  DC\_7A\_n66A  DC\_7A\_n78A  DC\_12A\_n66A  DC\_12A\_n78A |
| DC\_2A-7A-13A\_n25A-n66A5,6 | DC\_2A\_n66A  DC\_7A\_n25A  DC\_7A\_n66A  DC\_13A\_n25A  DC\_13A\_n66A |
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| DC\_2A-7A-13A-(n)66AA | DC\_2A\_n66A  DC\_7A\_n66A  DC\_13A\_n66A  DC\_(n)66AA4 |
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| DC\_2A-7A-28A-66A\_n66A  DC\_2A-7C-28A-66A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_28A\_n66A  DC\_66A\_n66A4 |
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| DC\_2A-7A-66A\_n2A-n71A | DC\_2A\_n2A4  DC\_2A\_n71A  DC\_7A\_n2A  DC\_7A\_n71A  DC\_66A\_n2A  DC\_66A\_n71A |
| DC\_2A-7A-66A\_n2A-n78A | DC\_2A\_n2A4  DC\_2A\_n78A  DC\_7A\_n2A  DC\_7A\_n78A  DC\_66A\_n2A  DC\_66A\_n78A |
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| DC\_2A-7A-7A-66A\_n25A-n66A6,11 | DC\_2A\_n66A DC\_7A\_n25A DC\_7A\_n66A DC\_66A\_n25A |
| DC\_2A-7C-66A\_n25A-n66A,6,11 | DC\_2A\_n66A DC\_7A\_n25A DC\_7A\_n66A DC\_66A\_n25A |
| DC\_2A-7A-66A\_n66A-n71A | DC\_2A\_n66A  DC\_2A\_n71A  DC\_7A\_n66A  DC\_7A\_n71A  DC\_66A\_n66A4  DC\_66A\_n71A |
| DC\_2A-7A-66A\_n66A-n77A  DC\_2A-7A-7A-66A\_n66A-n77A  DC\_2A-7C-66A\_n66A-n77A | DC\_2A\_n66A DC\_7A\_n66A DC\_2A\_n77A DC\_7A\_n77A DC\_66A\_n77A |
| DC\_2A-7A-66A\_n66A-n78A  DC\_2A-7C-66A\_n66A-n78A | DC\_2A\_n66A  DC\_2A\_n78A  DC\_7A\_n66A  DC\_7A\_n78A  DC\_66A\_n66A4  DC\_66A\_n78A |
| DC\_2A-7A-7A-66A\_n66A-n78A | DC\_2A\_n66A  DC\_2A\_n78A  DC\_7A\_n66A  DC\_7A\_n78A  DC\_66A\_n66A4  DC\_66A\_n78A |
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| DC\_2A-7A-66A-71A\_n77A | DC\_2A\_n77A  DC\_7A\_n77A  DC\_66A\_n77A  DC\_71A\_n77A |
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| DC\_2A-2A-7A-66A-71A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_66A\_n78A  DC\_71A\_n78A |
| DC\_2A-7A-66A\_n71A-n78A | DC\_2A\_n71A  DC\_2A\_n78A  DC\_7A\_n71A  DC\_7A\_n78A  DC\_66A\_n71A  DC\_66A\_n78A |
| DC\_2A-7A-71A\_n2A-n78A | DC\_2A\_n2A4  DC\_2A\_n78A  DC\_7A\_n2A  DC\_7A\_n78A  DC\_71A\_n2A  DC\_71A\_n78A |
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| DC\_2A-13A-66A\_n2A-n77A | DC\_2A\_n77A  DC\_13A\_n2A  DC\_13A\_n77A  DC\_66A\_n2A  DC\_66A\_n77A |
| DC\_2A-12A-66A\_n2A-n78A | DC\_2A\_n2A4  DC\_2A\_n78A  DC\_12A\_n2A  DC\_12A\_n78A  DC\_66A\_n2A  DC\_66A\_n78A |
| DC\_2A-13A-66A-66A\_n2A-n77A | DC\_2A\_n77A  DC\_13A\_n2A  DC\_13A\_n77A  DC\_66A\_n2A  DC\_66A\_n77A |
| DC\_2A-13A-66A\_n5A-n77A | DC\_2A\_n5A  DC\_2A\_n77A  DC\_13A\_n77A  DC\_66A\_n5A  DC\_66A\_n77A |
| DC\_2A-2A-13A-66A\_n5A-n77A | DC\_2A\_n5A  DC\_2A\_n77A  DC\_13A\_n77A  DC\_66A\_n5A  DC\_66A\_n77A |
| DC\_2A-13A-66A-66A\_n5A-n77A | DC\_2A\_n5A  DC\_2A\_n77A  DC\_13A\_n77A  DC\_66A\_n5A  DC\_66A\_n77A |
| DC\_2A-13A-66A\_n66A-n77A**8**  DC\_2A-2A-13A-66A\_n66A-n77A**8** | DC\_2A\_n66A  DC\_2A\_n77A8  DC\_13A\_n66A  DC\_13A\_n77A8  DC\_66A\_n77A8 |
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| DC\_2A-14A-30A-66A\_n66A | DC\_2A\_n66A  DC\_14A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-14A-30A-66A\_n77A8 | DC\_2A\_n77A8  DC\_14A\_n77A8  DC\_30A\_n77A8  DC\_66A\_n77A8 |
| DC\_2A-29A-30A-66A\_n2A | DC\_2A\_n2A4  DC\_30A\_n2A  DC\_66A\_n2A |
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| DC\_2A-29A-30A-66A\_n77A8 | DC\_2A\_n77A8  DC\_30A\_n77A8  DC\_66A\_n77A8 |
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| DC\_2A-66A-71A\_n2A-n78A | DC\_2A\_n2A4  DC\_2A\_n78A  DC\_66A\_n2A  DC\_66A\_n78A  DC\_71A\_n2A  DC\_71A\_n78A |
| DC\_3A-5A-7A\_n40A-n77A | DC\_3A\_n40A  DC\_3A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| 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 |
| DC\_3A-5A-7A-7A\_n40A-n77A | DC\_3A\_n40A  DC\_3A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_3A-5A-7A-7A\_n40A-n77(2A) | DC\_3A\_n40A  DC\_3A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_3A-5A-7A\_n40A-n78A  DC\_3A-5A-7A\_n40A-n78C | DC\_3A\_n40A  DC\_3A\_n78A  DC\_5A\_n40A  DC\_5A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A |
| DC\_3A-7A-8A\_n1A-n40A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_8A\_n1A  DC\_3A\_n40A  DC\_7A\_n40A  DC\_8A\_n40A |
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| DC\_3A-3A-7A-8A\_n1A-n78A2,8 | DC\_3A\_n1A  DC\_3A\_n78A8  DC\_7A\_n1A  DC\_7A\_n78A8  DC\_8A\_n1A  DC\_8A\_n78A8 |
| DC\_3A-7A-7A-8A\_n1A-n78A2,8 | DC\_3A\_n1A  DC\_3A\_n78A8  DC\_7A\_n1A  DC\_7A\_n78A8  DC\_8A\_n1A  DC\_8A\_n78A8 |
| DC\_3A-3A-7A-7A-8A\_n1A-n78A2,8 | DC\_3A\_n1A  DC\_3A\_n78A8  DC\_7A\_n1A  DC\_7A\_n78A8  DC\_8A\_n1A  DC\_8A\_n78A8 |
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| DC\_3A-7A-8A\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_3A-7A-8A-32A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_8A\_n1A |
| DC\_3A-7A-8A-32A\_n78A | DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_3A-7A-8A-40A\_n1A  DC\_3A-7A-8A-40C\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_8A\_n1A  DC\_40A\_n1A |
| DC\_3A-7A-8A-40A\_n78A  DC\_3A-7A-8A-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 |
| DC\_3A-7A-8A\_n40A-n78A | DC\_3A\_n40A  DC\_3A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A  DC\_8A\_n40A  DC\_8A\_n78A |
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| DC\_3A-7A-20A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_20A\_n1A  DC\_20A\_n78A |
| DC\_3C-7A-20A\_n1A-n78A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_20A\_n1A  DC\_20A\_n78A |
| DC\_3A-7A-20A\_n8A-n78A | DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A |
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| DC\_3A-7A-20A-32A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_20A\_n1A |
| DC\_3A-7A-20A-32A\_n78A | DC\_3A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_3A-7A-20A\_n38A-n78A  DC\_3A-7A-20A-38A\_n78A  DC\_3C-7A-20A-38A\_n78A | DC\_3A\_n78A  DC\_3C\_n78A  DC\_20A\_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 |
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| DC\_3A-7A-28A\_n7A-n78A | DC\_3A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
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| DC\_3A-7A-28A\_n40A-n78A | DC\_3A\_n40A  DC\_3A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
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| 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 |
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| DC\_3A-19A-42A\_n1A-n79A  DC\_3A-19A-42C\_n1A-n79A | DC\_3A\_n1A  DC\_3A\_n79A  DC\_19A\_n1A  DC\_19A\_n79A |
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| 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 |
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| DC\_3A-21A-42A\_n1A-n79A  DC\_3A-21A-42C\_n1A-n79A | DC\_3A\_n1A  DC\_3A\_n79A  DC\_21A\_n1A  DC\_21A\_n79A |
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| 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 |
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| 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 |
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| 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 |
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| 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. | |

### *<< Unchanged sections omitted >>*

###### 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  DC\_1-1-3-7-20\_n78  DC\_1-3-3-7-20\_n78  DC\_1-3-7-7-20\_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\_1-3-11\_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\_1-3-41\_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\_1-8-(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\_3-7-8\_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\_3-7-20-28\_n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| 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 | 0.8 | 0.6 | 0.8 | 0.5 |
| DC\_19-42\_n1-n78-n79 | 0.3 | 0.8 | 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. | | | | | |

### *<< Unchanged sections omitted >>*

##### 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  DC\_1-1-3-7-20\_n78  DC\_1-3-3-7-20\_n78  DC\_1-3-7-7-20\_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\_1-3-8\_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\_1-8\_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\_3-7-8\_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\_3-7-20-28\_n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| 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\_3-8-11\_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. | | | | | |

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### *<< End of changes >>*