**3GPP TSG-RAN4 Meeting #100-e *R4-2113685***

**Electronic Meeting,2021 – Aug. 27th 2021**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-3** | **CR** | **0630** | **rev** | **-** | **Current version:** | **17.2.0** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network |  |

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|  | | | | | | | | | | |
| ***Title:*** | Big CR to introduce new combinations of LTE 4band + NR 1band for TS 38.101-3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Nokia, Nokia Shanghai Bell | | | | | | | | | |
| ***Source to TSG:*** | RAN4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | DC\_R17\_4BLTE\_1BNR\_5DL2UL | | | | |  | ***Date:*** | | | 2021-31-05 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Introduction of band combinations approved at TSG RAN4 meetings. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Introduction of combinations from RAN4#100-e:  R4-2112460 DC\_1-3-5-7\_n77  R4-2112461 DC\_1-3-5-7\_n78  R4-2112921 DC\_1A-3A-7A-20A\_n78(2A)  R4-2112937 DC\_1A-7A-20A-38A\_n3A  R4-2113613 DC\_1-7-8-20\_n3  R4-2113614 DC\_1-7-20-28\_n3  R4-2113615 DC\_1-7-20-32\_n3  R4-2113616 DC\_1-7-20-32\_n8  R4-2113618 DC\_1-7-28-32\_n3  R4-2113619 DC\_1-20-28-32\_n3  R4-2113627 DC\_3-7-8-20\_n1  R4-2113645 DC\_3-7-20-32\_n1  R4-2113646 DC\_7-8-20-32\_n1  R4-2113647 DC\_7-20-28-32\_n1  R4-2113648 DC\_7-20-28-32\_n3  R4-2113649 DC\_7-20-32-38\_n1  Further have table formatting of 6.2B.4.2.3.4, 7.3B.3.3.4 been updated to remove merged cells as per MCC guidance as well as other editorial updates. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The completed NR DC will not be introduced correctly in Rel-17 specification. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5B.4.4, 5.5B.4a.4, 5.5B.5.4, 5.5B.5a.4, 5.5B.6.4, 6.2B.4.2.3.4, 7.3B.3.3.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | |  | | |
| ***affected:*** | | **X** |  | Test specifications | | | | TS 38.521 series | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | |  | | |
|  | |  | | | | | | | | |
| ***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\_n77A  DC\_1A-3A-5A-7A\_n77(2A)  DC\_1A-3A-5A-7A-7A\_n77A  DC\_1A-3A-5A-7A-7A\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_1A-3A-5A-7A\_n78A  DC\_1A-3A-5A-7A\_n78(2A)  DC\_1A-3A-5A-7A-7A\_n78A  DC\_1A-3A-5A-7A-7A\_n78(2A)  DC\_1A-3C-5A-7A\_n78A  DC\_1A-1A-3A-5A-7A\_n78A  DC\_1A-3A-5A-7A\_n78C  DC\_1A-3A-5A-7A-7A\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-5A-41A\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_5A\_n79A  DC\_41A\_n79A |
| DC\_1A-3A-7A\_n3A-n78A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_7A\_n3A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-7C\_n3A-n78A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_7A\_n3A  DC\_7C\_n3A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-3A-7A\_n5A-n78A  DC\_1A-3C-7A\_n5A-n78A  DC\_1A-3A-7C\_n5A-n78A  DC\_1A-3C-7C\_n5A-n78A | DC\_1A\_n5A  DC\_1A\_n78A  DC\_3A\_n5A  DC\_3C\_n5A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-3A-7A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_7A\_n7A4  DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_1A-3C-7A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4  DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-7A-8A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_7A\_n28A  DC\_8A\_n28A |
| DC\_1A-3A-7A-8A\_n78A  DC\_1A-3A-7A-8A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_1A-3A-7A-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\_n78(2A)2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-7A-28A\_n3A  DC\_1A-3A-7C-28A\_n3A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_7A\_n3A  DC\_7C\_n3A  DC\_28A\_n3A |
| DC\_1A-3A-7A-28A\_n5A  DC\_1A-3C-7A-28A\_n5A  DC\_1A-3A-7C-28A\_n5A  DC\_1A-3C-7C-28A\_n5A | DC\_1A\_n5A  DC\_3A\_n5A  DC\_3C\_n5A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_28A\_n5A |
| DC\_1A-3A-7A-28A\_n7A  DC\_1A-3C-7A-28A\_n7A  DC\_1A-1A-3A-7A-28A\_n7A  DC\_1A-1A-3A-3A-7A-28A\_n7A  DC\_1A-3A-3A-7A-28A\_n7A  DC\_1A-1A-3C-7A-28A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_1A-3A-7A-28A\_n40A | DC\_1A\_n40A  DC\_3A\_n40A  DC\_7A\_n40A  DC\_28A\_n40A |
| DC\_1A-3A-7A-28A\_n78A  DC\_1A-3A-7C-28A\_n78A  DC\_1A-3C-7A-28A\_n78A  DC\_1A-3C-7C-28A\_n78A  DC\_1A-1A-3A-7A-28A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-7A\_n28A-n78A2  DC\_1A-3A-7C\_n28A-n78A  DC\_1A-3C-7A\_n28A-n78A  DC\_1A-3C-7C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3C\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_7C\_n28A  DC\_7C\_n78A |
| DC\_1A-3A-7A-38A\_n28A7  DC\_1A-3C-7A-38A\_n28A7 | DC\_1A\_n28A  DC\_3A\_n28A |
| DC\_1A-3A-7A-40A\_n78A  DC\_1A-3A-7A-40A\_n78(2A)  DC\_1A-3A-7A-40C\_n78A  DC\_1A-3A-7A-40C\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-8A-40A\_n78A  DC\_1A-3A-8A-40A\_n78(2A)  DC\_1A-3A-8A-40C\_n78A  DC\_1A-3A-8A-40C\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-7A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_3A\_n40A  DC\_3A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A |
| DC\_1A-3A-8A-11A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_8A\_n28A  DC\_11A\_n28A |
| DC\_1A-3A-8A-11A\_n77A  DC\_1A-3A-8A-11A\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_1A-3A-8A-42A\_n77A  DC\_1A-3A-8A-42C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_8A\_n77A |
| DC\_1A-3A-8A\_n28A-n77A  DC\_1A-3A-8A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_1A-3A-8A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_1A-3A-11A\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-3A-11A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-3A-18A\_n3A-n41A | DC\_1A\_n3A  DC\_1A\_n41A  DC\_3A\_n3A  DC\_3A\_n41A  DC\_18A\_n3A  DC\_18A\_n41A |
| DC\_1A-3A-18A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_3A\_n3A1  DC\_3A\_n77A  DC\_18A\_n3A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_3A\_n3A1  DC\_3A\_n78A  DC\_18A\_n3A  DC\_18A\_n78A |
| DC\_1A-3A-18A\_n28A-n41A | DC\_1A\_n28A  DC\_1A\_n41A  DC\_3A\_n28A  DC\_3A\_n41A  DC\_18A\_n28A  DC\_18A\_n41A |
| DC\_1A-3A-18A\_n28A-n77A  DC\_1A-3A-18A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A1  DC\_3A\_n77A  DC\_18A\_n28A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n28A-n78A  DC\_1A-3A-18A\_n28A-n78(2A) | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A1  DC\_3A\_n78A  DC\_18A\_n28A  DC\_18A\_n78A |
| DC\_1A-3A-18A\_n41A-n77A | DC\_1A\_n41A  DC\_1A\_n77A  DC\_3A\_n41A  DC\_3A\_n77A  DC\_18A\_n41A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n41A-n77(2A) | DC\_1A\_n41A  DC\_1A\_n77A  DC\_3A\_n41A  DC\_3A\_n77A  DC\_18A\_n41A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n41A-n78A | DC\_1A\_n41A  DC\_1A\_n78A  DC\_3A\_n41A  DC\_3A\_n78A  DC\_18A\_n41A  DC\_18A\_n78A |
| DC\_1A-3A-18A\_n41A-n78(2A) | DC\_1A\_n41A  DC\_1A\_n78A  DC\_3A\_n41A  DC\_3A\_n78A  DC\_18A\_n41A  DC\_18A\_n78A |
| DC\_1A-3A-18A-42A\_n77A  DC\_1A-3A-18A-42C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_1A-3A-18A-42A\_n78A  DC\_1A-3A-18A-42C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_18A\_n78A |
| DC\_1A-3A-18A-42A\_n79A  DC\_1A-3A-18A-42C\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_18A\_n79A |
| DC\_1A-3A-19A-21A\_n77A2  DC\_1A-3A-19A-21A\_n77C2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_1A-3A-19A-21A\_n78A2  DC\_1A-3A-19A-21A\_n78C2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_1A-3A-19A-21A\_n79A2  DC\_1A-3A-19A-21A\_n79C2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_1A-3A-19A-42A\_n77A  DC\_1A-3A-19A-42A\_n77C  DC\_1A-3A-19A-42C\_n77A  DC\_1A-3A-19A-42C\_n77C | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_1A-3A-19A-42A\_n78A  DC\_1A-3A-19A-42A\_n78C  DC\_1A-3A-19A-42C\_n78A  DC\_1A-3A-19A-42C\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A |
| DC\_1A-3A-19A-42A\_n79A  DC\_1A-3A-19A-42A\_n79C  DC\_1A-3A-19A-42C\_n79A  DC\_1A-3A-19A-42C\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A |
| DC\_1A-3A-20A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_20A\_n7A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-20A\_n28A-n78A2,3 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_1A-3A-20A-38A\_n78A | DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-20A\_n38A-n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A  DC\_1A\_n38A  DC\_3A\_n38A  DC\_20A\_n38A |
| DC\_1A-3A-20A-40A\_n78A  DC\_1A-3A-20A-40C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-20A\_n41A-n78A | DC\_1A\_n41A  DC\_1A\_n78A  DC\_3A\_n41A  DC\_3A\_n78A  DC\_20A\_n41A  DC\_20A\_n78A |
| DC\_1A-3A-21A-42A\_n77A  DC\_1A-3A-21A-42A\_n77C  DC\_1A-3A-21A-42C\_n77A  DC\_1A-3A-21A-42C\_n77C | DC\_1A\_n77A  DC\_3A\_n77A  DC\_21A\_n77A |
| DC\_1A-3A-21A-42A\_n78A  DC\_1A-3A-21A-42A\_n78C  DC\_1A-3A-21A-42C\_n78A  DC\_1A-3A-21A-42C\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_21A\_n78A |
| DC\_1A-3A-21A-42A\_n79A  DC\_1A-3A-21A-42A\_n79C  DC\_1A-3A-21A-42C\_n79A  DC\_1A-3A-21A-42C\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_21A\_n79A |
| 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-n78A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_28A\_n3A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-28A\_n5A-n78A2  DC\_1A-3C-28A\_n5A-n78A2 | DC\_1A\_n5A  DC\_1A\_n78A  DC\_3A\_n5A  DC\_3C\_n5A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_1A-3A-28A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_28A\_n7A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-28A\_n7B-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_28A\_n7A  DC\_1A\_n7B  DC\_3A\_n7B  DC\_28A\_n7B  DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_1A-3C-28A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n78A |
| DC\_1A-3C-28A\_n7B-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A  DC\_1A\_n7B  DC\_3A\_n7B  DC\_3C\_n7B  DC\_28A\_n7B  DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-28A-40A\_n78A  DC\_1A-3A-28A-40C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-28A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_3A\_n40A  DC\_3A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
| 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 |
| DC\_1A-3A-28A-42A\_n79A  DC\_1A-3A-28A-42A\_n79C  DC\_1A-3A-28A-42C\_n79A  DC\_1A-3A-28A-42C\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_28A\_n79A |
| DC\_1A-3A\_n28A-n77A-n79A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_1A\_n79A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_3A\_n79A |
| DC\_1A-3A\_n28A-n78A-n79A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_1A\_n79A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_3A\_n79A |
| DC\_1A-3A-41A\_n3A-n41A | DC\_1A\_n3A  DC\_1A\_n41A  DC\_3A\_n3A1  DC\_3A\_n41A  DC\_41A\_n3A |
| DC\_1A-3A-41A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_3A\_n3A1  DC\_3A\_n77A  DC\_41A\_n3A  DC\_41A\_n77A |
| DC\_1A-3A-41C\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_3A\_n3A1  DC\_3A\_n77A  DC\_41A\_n3A  DC\_41A\_n77A  DC\_41C\_n3A  DC\_41C\_n77A |
| DC\_1A-3A-41A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_3A\_n3A1  DC\_3A\_n78A  DC\_41A\_n3A  DC\_41A\_n78A |
| DC\_1A-3A-41C\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_3A\_n3A1  DC\_3A\_n78A  DC\_41A\_n3A  DC\_41A\_n78A  DC\_41C\_n3A  DC\_41C\_n78A |
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| DC\_1A-3A-41C\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_41A\_n28A  DC\_41A\_n77A  DC\_41C\_n28A  DC\_41C\_n77A |
| DC\_1A-3A-41A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_41A\_n28A  DC\_41A\_n78A |
| DC\_1A-3A-41C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_41A\_n28A  DC\_41A\_n78A  DC\_41C\_n28A  DC\_41C\_n78A |
| DC\_1A-3A-41A\_n41A-n77A | DC\_1A\_n41A  DC\_1A\_n77A  DC\_3A\_n41A  DC\_3A\_n77A  DC\_41A\_n77A |
| DC\_1A-3A-41A\_n41A-n78A | DC\_1A\_n41A  DC\_1A\_n78A  DC\_3A\_n41A  DC\_3A\_n78A  DC\_41A\_n78A |
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| DC\_1A-3A-42A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_42A\_n28A |
| DC\_1A-3A-42C\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-3A-42C\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-7A-8A-20A \_n3A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_8A\_n3A  DC\_20A\_n3A |
| DC\_1A-7A-8A-20A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A |
| DC\_1A-7A-8A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_1A-7A-8A-40A\_n78A  DC\_1A-7A-8A-40A\_n78(2A)  DC\_1A-7A-8A-40C\_n78A  DC\_1A-7A-8A-40C\_n78(2A) | DC\_1A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_1A-7A-20A\_n3A-n78A | DC\_1A\_n3A |
| DC\_1A-7A-20A-28A \_n3A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_20A\_n3A  DC\_28A\_n3A |
| DC\_1A-7A-20A\_n28A-n78A2,3 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
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| DC\_1A-7A-20A-32A\_n28A | DC\_1A\_n28A  DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_1A-7A-20A-32A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-7A-20A-38A\_n3A | DC\_1A\_n3A  DC\_20A\_n3A |
| DC\_1A-7A-20A-32A\_n8A | DC\_1A\_n8A  DC\_7A\_n8A  DC\_20A\_n8A |
| DC\_1A-7A-28A\_n3A-n78A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_28A\_n3A  DC\_1A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_1A-7A-28A\_n5A-n78A  DC\_1A-7C-28A\_n5A-n78A | DC\_1A\_n5A  DC\_1A\_n78A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_1A-7A-28A\_n7A-n78A | DC\_1A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A  DC\_1A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_1A-7A-28A-32A\_n3A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_28A\_n3A |
| DC\_1A-7A-28A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_1A-8A\_n3A-n28A-n77A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_1A-8A\_n3A-n28A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_1A-8A-11A\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_11A\_n3A  DC\_11A\_n28A |
| DC\_1A-8A-11A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n3A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
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| DC\_1A-8A-42C\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-8A-42A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A |
| DC\_1A-8A-42A\_n3A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A |
| DC\_1A-8A-42C\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_1A-8A-42C\_n3A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_1A-8A-42A\_n28A-n77A  DC\_1A-8A-42A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n28A |
| DC\_1A-8A-42C\_n28A-n77A  DC\_1A-8A-42C\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-11A\_n3A-n28A-n77A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-11A\_n3A-n28A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
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| DC\_1A-21A\_n28A-n78A-n79A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_1A\_n79A  DC\_21A\_n28A  DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_1A-21A-42A\_n77A-n79A  DC\_1A-21A-42C\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A-21A-42A\_n78A-n79A  DC\_1A-21A-42C\_n78A-n79A | DC\_1A\_n78A  DC\_1A\_n79A |
| DC\_1A-42A\_n3A-n28A-n77A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_1A-42A\_n3A-n28A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
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| 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 |
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| DC\_2A-5A-30A-66A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
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| DC\_2A-7A-12A-66A\_n78A  DC\_2A-2A-7A-12A-66A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_12A\_n78A  DC\_66A\_n78A |
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| DC\_2A-7A-7A-13A\_n25A-n66A5,6 | DC\_2A\_n66A  DC\_7A\_n25A  DC\_7A\_n66A  DC\_13A\_n25A  DC\_13A\_n66A |
| DC\_2A-7C-13A\_n25A-n66A5,6 | DC\_2A\_n66A  DC\_7A\_n25A  DC\_7A\_n66A  DC\_13A\_n25A  DC\_13A\_n66A |
| DC\_2A-7A-13A-66A\_n66A  DC\_2A-7A-7A-13A-66A\_n66A  DC\_2A-7C-13A-66A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_13A\_n66A  DC\_66A\_n66A4 |
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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 |
| DC\_2A-7A-66A\_n25A-n66A5,6 | DC\_2A\_n66A  DC\_7A\_n25A  DC\_7A\_n66A  DC\_66A\_n25A |
| DC\_2A-7A-7A-66A\_n25A-n66A5,6 | DC\_2A\_n66A  DC\_7A\_n25A  DC\_7A\_n66A  DC\_66A\_n25A |
| DC\_2A-7C-66A\_n25A-n66A5,6 | DC\_2A\_n66A  DC\_7A\_n25A  DC\_7A\_n66A  DC\_66A\_n25A |
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| DC\_2A-12A-30A-66A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
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| DC\_2A-29A-30A-66A\_n66A | DC\_2A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
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| DC\_3A-7A-8A-20A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_8A\_n1A  DC\_20A\_n1A |
| DC\_3A-7A-8A\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_3A-7A-8A-40A\_n1A  DC\_3A-7A-8A-40C\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_8A\_n1A  DC\_40A\_n1A |
| DC\_3A-7A-8A-40A\_n78A  DC\_3A-7A-8A-40A\_n78(2A)  DC\_3A-7A-8A-40C\_n78A  DC\_3A-7A-8A-40C\_n78(2A) | DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_3A-7A-8A\_n40A-n78A | DC\_3A\_n40A  DC\_3A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A  DC\_8A\_n40A  DC\_8A\_n78A |
| 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-28A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_20A\_n1A  DC\_28A\_n1A |
| DC\_3A-7A-20A\_n28A-n78A2,3  DC\_3C-7A-20A\_n28A-n78A2,3 | DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n28A  DC\_3C\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_3A-7A-20A-32A\_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-28A\_n1A-n40A | DC\_3A\_n1A  DC\_3A\_n40A  DC\_7A\_n1A  DC\_7A\_n40A  DC\_28A\_n1A  DC\_28A\_n40A |
| DC\_3A-7A-28A\_n1A-n78A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_28A\_n1A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_3A-7A-28A\_n3A-n78A | DC\_3A\_n3A4  DC\_7A\_n3A  DC\_28A\_n3A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_3A-7C-28A\_n3A-n78A | DC\_3A\_n3A4  DC\_7A\_n3A  DC\_7C\_n3A  DC\_28A\_n3A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n78A |
| DC\_3A-7A-28A\_n5A-n78A  DC\_3C-7A-28A\_n5A-n78A  DC\_3A-7C-28A\_n5A-n78A  DC\_3C-7C-28A\_n5A-n78A | DC\_3A\_n5A  DC\_3C\_n5A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_3A-7A-28A\_n7A-n78A | DC\_3A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_3C-7A-28A\_n7A-n78A | DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_3A-7A-28A\_n40A-n78A | DC\_3A\_n40A  DC\_3A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_3A-7A-40A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_3A-7A-40C\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_3A-8A-11A\_n28A-n77A | DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_3A-8A-11A\_n28A-n77(2A) | DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_3A-8A-40A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| 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-19A-21A-42A\_n77A  DC\_3A-19A-21A-42A\_n77C  DC\_3A-19A-21A-42C\_n77A  DC\_3A-19A-21A-42C\_n77C | DC\_3A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_3A-19A-21A-42A\_n78A  DC\_3A-19A-21A-42A\_n78C  DC\_3A-19A-21A-42C\_n78A  DC\_3A-19A-21A-42C\_n78C | 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-n77A  DC\_3A-19A-42C\_n1A-n77A | DC\_3A\_n1A  DC\_3A\_n77A  DC\_19A\_n1A  DC\_19A\_n77A |
| DC\_3A-19A-42A\_n1A-n78A  DC\_3A-19A-42C\_n1A-n78A | 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-21A\_n1A-n77A-n79A | DC\_3A\_n1A  DC\_3A\_n77A  DC\_3A\_n79A  DC\_21A\_n1A  DC\_21A\_n77A  DC\_21A\_n79A |
| DC\_3A-21A\_n1A-n78A-n79A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n79A  DC\_21A\_n1A  DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_3A-21A\_n28A-n77A-n79A | DC\_3A\_n28A  DC\_3A\_n77A  DC\_3A\_n79A  DC\_21A\_n28A  DC\_21A\_n77A  DC\_21A\_n79A |
| DC\_3A-21A\_n28A-n78A-n79A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_3A\_n79A  DC\_21A\_n28A  DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_3A-21A-42A\_n1A-n77A  DC\_3A-21A-42C\_n1A-n77A | DC\_3A\_n1A  DC\_3A\_n77A  DC\_21A\_n1A  DC\_21A\_n77A |
| DC\_3A-21A-42A\_n1A-n78A  DC\_3A-21A-42C\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_21A\_n1A  DC\_21A\_n78A |
| 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\_n78A  DC\_3A-28A-41A-42C\_n78A  DC\_3A-28A-41C-42A\_n78A  DC\_3A-28A-41C-42C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_7A-8A-20A-32A \_n1A | DC\_7A\_n1A  DC\_8A\_n1A  DC\_20A\_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-20A-28A-32A\_n1A | DC\_7A\_n1A  DC\_20A\_n1A  DC\_28A\_n1A |
| DC\_7A-20A-28A-32A\_n3A | DC\_7A\_n3A  DC\_20A\_n3A  DC\_28A\_n3A |
| DC\_7A-20A-32A-38A \_n1A | DC\_20A\_n1A |
| DC\_8A-11A\_n3A-n28A-n77A | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_8A-11A\_n3A-n28A-n77(2A) | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_8A-42A\_n3A-n28A-n77A | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_8A-42A\_n3A-n28A-n77(2A) | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_8A-42C\_n3A-n28A-n77A | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_8A-42C\_n3A-n28A-n77(2A) | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_19A-21A-42A\_n1A-n77A  DC\_19A-21A-42C\_n1A-n77A | DC\_19A\_n1A  DC\_19A\_n77A  DC\_21A\_n1A  DC\_21A\_n77A |
| DC\_19A-21A-42A\_n1A-n78A  DC\_19A-21A-42C\_n1A-n78A | 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-n79A  DC\_19A-21A-42C\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A-21A-42A\_n78A-n79A  DC\_19A-21A-42C\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_19A-42A\_n1A-n77A-n79A | DC\_19A\_n1A  DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A-42A\_n1A-n78A-n79A | DC\_19A\_n1A  DC\_19A\_n78A  DC\_19A\_n79A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability  NOTE 3: The frequency range in band n28 is restricted for this band combination to 703-733 MHz for the UL and 758-788 MHz for the DL  NOTE 4: Only single switched UL is supported  NOTE 5: For UEs not indicating interBandMRDC-WithOverlapDL-Bands-r16, the minimum requirements for intra-band contiguous or non-contiguous EN-DC apply for the Band 42 and Band n77/n78 combination and for the Band 2 and Band n25 combinations.  NOTE 6: For UEs not indicating interBandMRDC-WithOverlapDL-Bands-r16, the minimum requirements for inter-band EN-DC apply for the Band 42 and Band n77/n78 combination when the maximum power spectral density imbalance between downlink carriers contained in overlapping or partially overlapping DL bands is within 6 dB.  NOTE 7: Band 7 and Band 38 are restricted as DL Scell. Power imbalance between downlink carriers on Band 7 and Band 38 is assumed to be within 6dB. | |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Unchanged Sections Omitted \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

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

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

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Unchanged Sections Omitted \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 5.5B.5.4 Inter-band EN-DC configurations including FR2 (five bands)

Table 5.5B.5.4-1: Inter-band EN-DC configurations including FR2 (five bands)

| EN-DC configuration | Uplink EN-DC configuration (NOTE 1) |
| --- | --- |
| DC\_1A-3A-5A-7A\_n257A  DC\_1A-3A-5A-7A\_n257D  DC\_1A-3A-5A-7A\_n257E  DC\_1A-3A-5A-7A\_n257F  DC\_1A-3A-5A-7A\_n257G  DC\_1A-3A-5A-7A\_n257H  DC\_1A-3A-5A-7A\_n257I  DC\_1A-3A-5A-7A\_n257J  DC\_1A-3A-5A-7A\_n257K  DC\_1A-3A-5A-7A\_n257L  DC\_1A-3A-5A-7A\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_5A\_n257A  DC\_5A\_n257D  DC\_5A\_n257G  DC\_5A\_n257H  DC\_5A\_n257I  DC\_7A\_n257A  DC\_7A\_n257D  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I |
| DC\_1A-3A-5A-7A-7A\_n257A2  DC\_1A-3A-5A-7A-7A\_n257D  DC\_1A-3A-5A-7A-7A\_n257E  DC\_1A-3A-5A-7A-7A\_n257F  DC\_1A-3A-5A-7A-7A\_n257G  DC\_1A-3A-5A-7A-7A\_n257H  DC\_1A-3A-5A-7A-7A\_n257I  DC\_1A-3A-5A-7A-7A\_n257J  DC\_1A-3A-5A-7A-7A\_n257K  DC\_1A-3A-5A-7A-7A\_n257L  DC\_1A-3A-5A-7A-7A\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_5A\_n257A  DC\_5A\_n257D  DC\_5A\_n257G  DC\_5A\_n257H  DC\_5A\_n257I  DC\_7A\_n257A  DC\_7A\_n257D  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I |
| DC\_1A-3A-8A-11A\_n257A  DC\_1A-3A-8A-11A\_n257G  DC\_1A-3A-8A-11A\_n257H  DC\_1A-3A-8A-11A\_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\_8A\_n257A  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I  DC\_11A\_n257A  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I |
| DC\_1A-3A-18A-42A\_n257A  DC\_1A-3A-18A-42A\_n257D  DC\_1A-3A-18A-42A\_n257E  DC\_1A-3A-18A-42A\_n257F  DC\_1A-3A-18A-42A\_n257G  DC\_1A-3A-18A-42A\_n257H  DC\_1A-3A-18A-42A\_n257I  DC\_1A-3A-18A-42A\_n257J  DC\_1A-3A-18A-42A\_n257K  DC\_1A-3A-18A-42A\_n257L  DC\_1A-3A-18A-42A\_n257M  DC\_1A-3A-18A-42C\_n257A  DC\_1A-3A-18A-42C\_n257D  DC\_1A-3A-18A-42C\_n257E  DC\_1A-3A-18A-42C\_n257F  DC\_1A-3A-18A-42C\_n257G  DC\_1A-3A-18A-42C\_n257H  DC\_1A-3A-18A-42C\_n257I  DC\_1A-3A-18A-42C\_n257J  DC\_1A-3A-18A-42C\_n257K  DC\_1A-3A-18A-42C\_n257L  DC\_1A-3A-18A-42C\_n257M | 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\_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-19A-21A\_n257A2  DC\_1A-3A-19A-21A\_n257D2  DC\_1A-3A-19A-21A\_n257E2  DC\_1A-3A-19A-21A\_n257F2 | DC\_1A\_n257A  DC\_3A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A |
| DC\_1A-3A-19A-42A\_n257A  DC\_1A-3A-19A-42A\_n257D  DC\_1A-3A-19A-42A\_n257E  DC\_1A-3A-19A-42A\_n257F  DC\_1A-3A-19A-42A\_n257G  DC\_1A-3A-19A-42A\_n257H  DC\_1A-3A-19A-42A\_n257I  DC\_1A-3A-19A-42A\_n257J  DC\_1A-3A-19A-42A\_n257K  DC\_1A-3A-19A-42A\_n257L  DC\_1A-3A-19A-42A\_n257M  DC\_1A-3A-19A-42C\_n257A  DC\_1A-3A-19A-42C\_n257D  DC\_1A-3A-19A-42C\_n257E  DC\_1A-3A-19A-42C\_n257F  DC\_1A-3A-19A-42C\_n257G  DC\_1A-3A-19A-42C\_n257H  DC\_1A-3A-19A-42C\_n257I  DC\_1A-3A-19A-42C\_n257J  DC\_1A-3A-19A-42C\_n257K  DC\_1A-3A-19A-42C\_n257L  DC\_1A-3A-19A-42C\_n257M | 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\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  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\_1A-3A-21A-42A\_n257A  DC\_1A-3A-21A-42A\_n257G  DC\_1A-3A-21A-42A\_n257H  DC\_1A-3A-21A-42A\_n257I  DC\_1A-3A-21A-42A\_n257J  DC\_1A-3A-21A-42A\_n257K  DC\_1A-3A-21A-42A\_n257L  DC\_1A-3A-21A-42A\_n257M  DC\_1A-3A-21A-42C\_n257A  DC\_1A-3A-21A-42C\_n257D  DC\_1A-3A-21A-42C\_n257E  DC\_1A-3A-21A-42C\_n257F  DC\_1A-3A-21A-42C\_n257G  DC\_1A-3A-21A-42C\_n257H  DC\_1A-3A-21A-42C\_n257I  DC\_1A-3A-21A-42C\_n257J  DC\_1A-3A-21A-42C\_n257K  DC\_1A-3A-21A-42C\_n257L  DC\_1A-3A-21A-42C\_n257M | 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\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  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\_1A-3A-28A-42A\_n257A  DC\_1A-3A-28A-42A\_n257G  DC\_1A-3A-28A-42A\_n257H  DC\_1A-3A-28A-42A\_n257I  DC\_1A-3A-28A-42A\_n257J  DC\_1A-3A-28A-42A\_n257K  DC\_1A-3A-28A-42A\_n257L  DC\_1A-3A-28A-42A\_n257M  DC\_1A-3A-28A-42C\_n257A  DC\_1A-3A-28A-42C\_n257G  DC\_1A-3A-28A-42C\_n257H  DC\_1A-3A-28A-42C\_n257I  DC\_1A-3A-28A-42C\_n257J  DC\_1A-3A-28A-42C\_n257K  DC\_1A-3A-28A-42C\_n257L  DC\_1A-3A-28A-42C\_n257M | 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\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  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\_n257A  DC\_1A-3A-41A-42A\_n257D  DC\_1A-3A-41A-42A\_n257E  DC\_1A-3A-41A-42A\_n257F  DC\_1A-3A-41A-42A\_n257G  DC\_1A-3A-41A-42A\_n257H  DC\_1A-3A-41A-42A\_n257I  DC\_1A-3A-41A-42A\_n257J  DC\_1A-3A-41A-42A\_n257K  DC\_1A-3A-41A-42A\_n257L  DC\_1A-3A-41A-42A\_n257M  DC\_1A-3A-41A-42C\_n257A  DC\_1A-3A-41A-42C\_n257D  DC\_1A-3A-41A-42C\_n257E  DC\_1A-3A-41A-42C\_n257F  DC\_1A-3A-41A-42C\_n257G  DC\_1A-3A-41A-42C\_n257H  DC\_1A-3A-41A-42C\_n257I  DC\_1A-3A-41A-42C\_n257J  DC\_1A-3A-41A-42C\_n257K  DC\_1A-3A-41A-42C\_n257L  DC\_1A-3A-41A-42C\_n257M  DC\_1A-3A-41C-42A\_n257A  DC\_1A-3A-41C-42A\_n257D  DC\_1A-3A-41C-42A\_n257E  DC\_1A-3A-41C-42A\_n257F  DC\_1A-3A-41C-42A\_n257G  DC\_1A-3A-41C-42A\_n257H  DC\_1A-3A-41C-42A\_n257I  DC\_1A-3A-41C-42A\_n257J  DC\_1A-3A-41C-42A\_n257K  DC\_1A-3A-41C-42A\_n257L  DC\_1A-3A-41C-42A\_n257M  DC\_1A-3A-41C-42C\_n257A  DC\_1A-3A-41C-42C\_n257D  DC\_1A-3A-41C-42C\_n257E  DC\_1A-3A-41C-42C\_n257F  DC\_1A-3A-41C-42C\_n257G  DC\_1A-3A-41C-42C\_n257H  DC\_1A-3A-41C-42C\_n257I  DC\_1A-3A-41C-42C\_n257J  DC\_1A-3A-41C-42C\_n257K  DC\_1A-3A-41C-42C\_n257L  DC\_1A-3A-41C-42C\_n257M | 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\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-19A-21A-42A\_n257A  DC\_1A-19A-21A-42A\_n257D  DC\_1A-19A-21A-42A\_n257E  DC\_1A-19A-21A-42A\_n257F  DC\_1A-19A-21A-42A\_n257G  DC\_1A-19A-21A-42A\_n257H  DC\_1A-19A-21A-42A\_n257I  DC\_1A-19A-21A-42A\_n257J  DC\_1A-19A-21A-42A\_n257K  DC\_1A-19A-21A-42A\_n257L  DC\_1A-19A-21A-42A\_n257M  DC\_1A-19A-21A-42C\_n257A  DC\_1A-19A-21A-42C\_n257D  DC\_1A-19A-21A-42C\_n257E  DC\_1A-19A-21A-42C\_n257F  DC\_1A-19A-21A-42C\_n257G  DC\_1A-19A-21A-42C\_n257H  DC\_1A-19A-21A-42C\_n257I  DC\_1A-19A-21A-42C\_n257J  DC\_1A-19A-21A-42C\_n257K  DC\_1A-19A-21A-42C\_n257L  DC\_1A-19A-21A-42C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n257J  DC\_1A\_n257K  DC\_1A\_n257L  DC\_1A\_n257M  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_21A\_n257J  DC\_21A\_n257K  DC\_21A\_n257L  DC\_21A\_n257M  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_1A-19A-28A-42C\_n257A | DC\_1A\_n257A  DC\_19A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A |
| DC\_1A-21A-28A-42A\_n257A | DC\_1A\_n257A  DC\_21A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A |
| DC\_2A-5A-30A-66A\_n260A | DC\_2A\_n260A  DC\_5A\_n260A  DC\_30A\_n260A  DC\_66A\_n260A |
| DC\_2A-12A-30A-66A\_n260A | DC\_2A\_n260A  DC\_12A\_n260A  DC\_30A\_n260A  DC\_66A\_n260A |
| DC\_2A-14A-30A-66A\_n260A  DC\_2A-14A-30A-66A\_n260G  DC\_2A-14A-30A-66A\_n260H  DC\_2A-14A-30A-66A\_n260I  DC\_2A-14A-30A-66A\_n260J  DC\_2A-14A-30A-66A\_n260K  DC\_2A-14A-30A-66A\_n260L  DC\_2A-14A-30A-66A\_n260M | DC\_2A\_n260A  DC\_2A\_n260G  DC\_2A\_n260H  DC\_2A\_n260I  DC\_2A\_n260J  DC\_2A\_n260K  DC\_2A\_n260L  DC\_2A\_n260M  DC\_14A\_n260A  DC\_14A\_n260G  DC\_14A\_n260H  DC\_14A\_n260I  DC\_14A\_n260J  DC\_14A\_n260K  DC\_14A\_n260L  DC\_14A\_n260M  DC\_30A\_n260A  DC\_30A\_n260G  DC\_30A\_n260H  DC\_30A\_n260I  DC\_30A\_n260J  DC\_30A\_n260K  DC\_30A\_n260L  DC\_30A\_n260M  DC\_66A\_n260A  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260I  DC\_66A\_n260J  DC\_66A\_n260K  DC\_66A\_n260L  DC\_66A\_n260M |
| DC\_2A-29A-30A-66A\_n260A  DC\_2A-29A-30A-66A\_n260G  DC\_2A-29A-30A-66A\_n260H  DC\_2A-29A-30A-66A\_n260I  DC\_2A-29A-30A-66A\_n260J  DC\_2A-29A-30A-66A\_n260K  DC\_2A-29A-30A-66A\_n260L  DC\_2A-29A-30A-66A\_n260M | DC\_2A\_n260A  DC\_30A\_n260A  DC\_66A\_n260A  DC\_2A\_n260G  DC\_30A\_n260G  DC\_66A\_n260G  DC\_2A\_n260H  DC\_30A\_n260H  DC\_66A\_n260H  DC\_2A\_n260I  DC\_30A\_n260I  DC\_66A\_n260I  DC\_2A\_n260J  DC\_30A\_n260J  DC\_66A\_n260J  DC\_2A\_n260K  DC\_30A\_n260K  DC\_66A\_n260K  DC\_2A\_n260L  DC\_30A\_n260L  DC\_66A\_n260L  DC\_2A\_n260M  DC\_30A\_n260M  DC\_66A\_n260M |
| DC\_3A-19A-21A-42A\_n257A  DC\_3A-19A-21A-42A\_n257D  DC\_3A-19A-21A-42A\_n257E  DC\_3A-19A-21A-42A\_n257F  DC\_3A-19A-21A-42C\_n257A  DC\_3A-19A-21A-42C\_n257D  DC\_3A-19A-21A-42C\_n257E  DC\_3A-19A-21A-42C\_n257F | DC\_3A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A  DC\_3A\_n257D  DC\_19A\_n257D  DC\_21A\_n257D |
| DC\_3A-28A-41A-42A\_n257A  DC\_3A-28A-41A-42A\_n257G  DC\_3A-28A-41A-42A\_n257H  DC\_3A-28A-41A-42A\_n257I  DC\_3A-28A-41A-42C\_n257A  DC\_3A-28A-41A-42C\_n257G  DC\_3A-28A-41A-42C\_n257H  DC\_3A-28A-41A-42C\_n257I  DC\_3A-28A-41C-42A\_n257A  DC\_3A-28A-41C-42A\_n257G  DC\_3A-28A-41C-42A\_n257H  DC\_3A-28A-41C-42A\_n257I  DC\_3A-28A-41C-42C\_n257A  DC\_3A-28A-41C-42C\_n257G  DC\_3A-28A-41C-42C\_n257H  DC\_3A-28A-41C-42C\_n257I | DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| 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 for all of the above combinations. | |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Unchanged Sections Omitted \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 5.5B.5a.4 Inter-band NE-DC configurations including FR2 (five bands)

Table 5.5B.5a.4-1: Inter-band NE-DC configurations including FR2 (five bands)

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

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Unchanged Sections Omitted \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

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

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

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Unchanged 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 | E-UTRA or NR Band | ΔTIB,c (dB) |
| --- | --- | --- |
| DC\_1-3-5-7\_n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 5 | 0.6 |
|  | 7 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-3-5-7\_n78,  DC\_1-3-5-7-7\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 5 | 0.6 |
|  | 7 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-5-41\_n79 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 5 | 0.3 |
|  | 41 | 0.53/0.84 |
| DC\_1-3-7\_n3-n78 | 1 | 0.7 |
|  | 3 | 0.7 |
|  | 7 | 0.7 |
|  | n3 | 0.7 |
|  | n78 | 0.8 |
| DC\_1-3-7\_n7-n78 | 1 | 0.7 |
|  | 3 | 0.7 |
|  | 7 | 0.7 |
|  | n7 | 0.7 |
|  | n78 | 0.8 |
| DC\_1-3-7-8\_n28 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 7 | 0.6 |
|  | 8 | 0.6 |
|  | n28 | 0.6 |
| DC\_1-3-7-8\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 8 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-7-20\_n8 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | n8 | 0.6 |
| DC\_1-3-7-20\_n28 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | n28 | 0.6 |
| DC\_1-3-7-20\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | n78 | 0.6 |
| DC\_1-3-7-28\_n3 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n3 | 0.6 |
| DC\_1-3-7-28\_n5 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n5 | 0.6 |
| DC\_1-3-7-28\_n7 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n7 | 0.6 |
| DC\_1-3-7-28\_n40 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.8 |
|  | 28 | 0.6 |
|  | n40 | 0.9 |
| DC\_1-3-7-28\_n78 | 1 | 0.7 |
|  | 3 | 0.7 |
|  | 7 | 0.7 |
|  | 28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-7\_n28-n78 | 1 | 0.7 |
|  | 3 | 0.7 |
|  | 7 | 0.7 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-7-38\_n28 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | n28 | 0.5 |
| DC\_1-3-7-40\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.5 |
|  | 40 | 0.35 |
|  | n78 | 0.85 |
| DC\_1-3-7\_n40-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 7 | 0.8 |
|  | n40 | 0.9 |
|  | n78 | 0.8 |
| DC\_1-3-8-40\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 8 | 0.6 |
|  | 40 | 0.35 |
|  | n78 | 0.85 |
| DC\_1-3-8-11\_n28 | 1 | 0.3 |
|  | 3 | 0.8 |
|  | 8 | 0.6 |
|  | 11 | 0.9 |
|  | n28 | 0.6 |
| DC\_1-3-8-11\_n77 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 8 | 0.6 |
|  | 11 | 0.9 |
|  | n77 | 0.8 |
| DC\_1-3-8\_n28-n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 8 | 0.6 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-3-8\_n28-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 8 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-8-42\_n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 8 | 0.6 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-3-11\_n28-n77 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 11 | 0.9 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-3-18\_n3-n41 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 18 | 0.3 |
|  | n3 | 0.5 |
|  | n41 | 0.33/0.84 |
| DC\_1-3-18\_n3-n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 18 | 0.3 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-3-18\_n3-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 18 | 0.3 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-18\_n28-n41 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 18 | 0.3 |
|  | n28 | 0.6 |
|  | n41 | 0.33/0.84 |
| DC\_1-3-18\_n28-n77 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 18 | 0.3 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-3-18\_n28-n77 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 18 | 0.3 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-18\_n41-n77 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 18 | 0.3 |
|  | n41 | 0.33/0.84 |
|  | n77 | 0.8 |
| DC\_1-3-18\_n41-n78 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 18 | 0.3 |
|  | n41 | 0.33/0.84 |
|  | n78 | 0.8 |
| DC\_1-3-18-42\_n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 18 | 0.3 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-3-18-42\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 18 | 0.3 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-3-18-42\_n79 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 18 | 0.3 |
|  | 42 | 0.8 |
| DC\_1-3-19-21\_n77 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 19 | 0.3 |
|  | 21 | 0.9 |
|  | n77 | 0.8 |
| DC\_1-3-19-21\_n78 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 19 | 0.3 |
|  | 21 | 0.9 |
|  | n78 | 0.8 |
| DC\_1-3-19-21\_n79 | 1 | 0.3 |
|  | 3 | 0.8 |
|  | 19 | 0.3 |
|  | 21 | 0.9 |
| DC\_1-3-19-42\_n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-3-19-42\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-3-19-42\_n79 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
| DC\_1-3-20\_n7-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 20 | 0.3 |
|  | n7 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-20\_n28-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 20 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-20-38\_n78  DC\_1-3-20\_n38-n78 | 1 | 0.3 |
|  | 3 | 0.6 |
|  | 20 | 0.6 |
|  | 38 or n38 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-3-20-40\_n78 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 20 | 0.3 |
|  | 40 | 0.55 |
|  | n78 | 0.85 |
| DC\_1-3-20\_n41-n78 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 20 | 0.3 |
|  | n41 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-3-21-42\_n77 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
|  | n77 | 0.6 |
| DC\_1-3-21-42\_n78 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
|  | n78 | 0.6 |
| DC\_1-3-21-42\_n79 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
| DC\_1-3-21\_n77-n79 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n77 | 0.8 |
| DC\_1-3-21\_n78-n79 | 1 | 0.6 |
|  | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n78 | 0.8 |
| DC\_1-3-28\_n3-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 28 | 0.6 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-28\_n7-n78 | 1 | 0.7 |
|  | 3 | 0.7 |
|  | 28 | 0.6 |
|  | n7 | 0.7 |
|  | n78 | 0.8 |
| DC\_1-3-28-40\_n78 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 28 | 0.6 |
|  | 40 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-3-28\_n40-n78 | 1 | 0.5 |
|  | 3 | 0.6 |
|  | 28 | 0.5 |
|  | n40 | 0.35 |
|  | n78 | 0.85 |
| DC\_1-3-28-42\_n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 28 | 0.6 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-3-28-42\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 28 | 0.6 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-3-28-42\_n79 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 28 | 0.6 |
|  | 42 | 0.8 |
| DC\_1-3\_n28-n77-n79 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
|  | n79 | 0.5 |
| DC\_1-3\_n28-n78-n79 | 1 | 0.3 |
|  | 3 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
|  | n79 | 0.5 |
| DC\_1-3-41\_n3-n41 | 1 | 0.5 |
|  | 3 | 0.5 |
|  | 41 | 0.33/0.84 |
|  | n3 | 0.5 |
|  | n41 | 0.33/0.84 |
| DC\_1-3-41\_n3-n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41 | 0.5 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-3-41\_n3-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41 | 0.5 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-3-41\_n28-n41 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 41 | 0.33/0.84 |
|  | n28 | 0.6 |
|  | n41 | 0.33/0.84 |
| DC\_1-3-41\_n28-n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41 | 0.33/0.84 |
|  | n28 | 0.5 |
|  | n77 | 0.8 |
| DC\_1-3-41\_n28-n78 | 1 | 0.5 |
|  | 3 | 0.6 |
|  | 41 | 0.33/0.84 |
|  | n28 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-3-41\_n41-n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41 | 0.5 |
|  | n41 | 0.5 |
|  | n77 | 0.8 |
| DC\_1-3-41\_n41-n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41 | 0.5 |
|  | n41 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-3-41-42\_n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41 | 0.5 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-3-41-42\_n78 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41 | 0.5 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-3-41-42\_n79 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 41 | 0.5 |
|  | 42 | 0.8 |
| DC\_1-3-42\_n28-n77 | 1 | 0.6 |
|  | 3 | 0.6 |
|  | 42 | 0.8 |
|  | n28 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-7-8-20 \_n3 | 1 | 0.6 |
|  | 7 | 0.6 |
|  | 8 | 0.6 |
|  | 20 | 0.6 |
|  | n3 | 0.6 |
| DC\_1-7-8-20\_n78 | 1 | 0.6 |
|  | 7 | 0.7 |
|  | 8 | 0.6 |
|  | 20 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-7-8\_n28-n78 | 1 | 0.6 |
|  | 7 | 0.6 |
|  | 8 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-7-8-40\_n78 | 1 | 0.6 |
|  | 7 | 0.5 |
|  | 8 | 0.6 |
|  | 40 | 0.35 |
|  | n78 | 0.85 |
| DC\_1-7-20\_n3-n78 | 1 | 0.3 |
|  | 7 | 0.5 |
|  | 20 | 0.6 |
|  | n3 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-7-20-28 \_n3 | 1 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | 28 | 0.6 |
|  | n3 | 0.6 |
| DC\_1-7-20\_n28-n78 | 1 | 0.6 |
|  | 7 | 0.7 |
|  | 20 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-7-20-32\_n3 | 1 | 0.7 |
|  | 7 | 0.7 |
|  | 20 | 0.3 |
|  | n3 | 0.7 |
| DC\_1-7-20-32\_n8 | 1 | 0.7 |
|  | 7 | 0.7 |
|  | 20 | 0.6 |
|  | n8 | 0.6 |
| DC\_1-7-20-32\_n28 | 1 | 0.5 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | n28 | 0.7 |
| DC\_1-7-20-32\_n78 | 1 | 0.6 |
|  | 7 | 0.7 |
|  | 20 | 0.4 |
|  | n78 | 0.8 |
| DC\_1-7-20-38\_n3 | 1 | 0.6 |
|  | 7 | 0.5 |
|  | 20 | 0.5 |
|  | 38 | 0.5 |
|  | n3 | 0.6 |
| DC\_1-7-28\_n3-n78 | 1 | 0.7 |
|  | 7 | 0.7 |
|  | 28 | 0.6 |
|  | n3 | 0.7 |
|  | n78 | 0.6 |
| DC\_1-7-28\_n7-n78 | 1 | 0.6 |
|  | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n7 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-7-28-32\_n3 | 1 | 0.6 |
|  | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n3 | 0.6 |
| DC\_1-7-28\_n40-n78 | 1 | 0.6 |
|  | 7 | 0.5 |
|  | 28 | 0.3 |
|  | n40 | 0.5 |
|  | n78 | 0.8 |
| DC\_1-8\_n3-n28-n77 | 1 | 0.6 |
|  | 8 | 0.6 |
|  | n3 | 0.8 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-8-11\_n3-n28 | 1 | 0.3 |
|  | 8 | 0.6 |
|  | 11 | 0.8 |
|  | n3 | 0.9 |
|  | n28 | 0.6 |
| DC\_1-8-11\_n3-n77 | 1 | 0.6 |
|  | 8 | 0.6 |
|  | 11 | 0.8 |
|  | n3 | 0.9 |
|  | n77 | 0.8 |
| DC\_1-8-11\_n28-n77 | 1 | 0.6 |
|  | 8 | 0.6 |
|  | 11 | 0.4 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-8-42\_n3-n28 | 1 | 0.3 |
|  | 8 | 0.6 |
|  | 42 | 0.8 |
|  | n3 | 0.6 |
|  | n28 | 0.8 |
| DC\_1-8-42\_n3-n77 | 1 | 0.6 |
|  | 8 | 0.6 |
|  | 42 | 0.8 |
|  | n3 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-8-42\_n28-n77 | 1 | 0.6 |
|  | 8 | 0.6 |
|  | 42 | 0.8 |
|  | n28 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-11\_n3-n28-n77 | 1 | 0.6 |
|  | 11 | 0.8 |
|  | n3 | 0.9 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-18-41\_n3-n77 | 1 | 0.6 |
|  | 18 | 0.3 |
|  | 41 | 0.33/0.84 |
|  | n3 | 0.6 |
|  | n77 | 0.8 |
| DC\_1-18-41\_n3-n78 | 1 | 0.6 |
|  | 18 | 0.3 |
|  | 41 | 0.33/0.84 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-19-21-42\_n77 | 1 | 0.3 |
|  | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-19-21-42\_n78 | 1 | 0.3 |
|  | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-19-21-42\_n79 | 1 | 0.3 |
|  | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
| DC\_1-19-42\_n77-n79 | 1 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-19-42\_n78-n79 | 1 | 0.3 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-20-28-32\_n3 | 1 | 0.5 |
|  | 20 | 0.6 |
|  | 28 | 0.6 |
|  | n3 | 0.5 |
| DC\_1-20-38\_n3-n78 | 1 | 0.5 |
|  | 20 | 0.6 |
|  | 38 | 0.5 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_1-21-28-42\_n77 | 1 | 0.6 |
|  | 21 | 0.4 |
|  | 28 | 0.6 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-21-28-42\_n78 | 1 | 0.3 |
|  | 21 | 0.4 |
|  | 28 | 0.6 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_1-21-28-42\_n79 | 1 | 0.3 |
|  | 21 | 0.4 |
|  | 28 | 0.6 |
|  | 42 | 0.8 |
| DC\_1-21\_n28-n77-n79 | 1 | 0.6 |
|  | 21 | 0.4 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
|  | n79 | 0.5 |
| DC\_1-21\_n28-n78-n79 | 1 | 0.6 |
|  | 21 | 0.4 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
|  | n79 | 0.5 |
| DC\_1-21-42\_n77-n79 | 1 | 0.6 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-42\_n3-n28-n77 | 1 | 0.6 |
|  | 42 | 0.8 |
|  | n3 | 0.8 |
|  | n28 | 0.8 |
|  | n77 | 0.8 |
| DC\_1-21-42\_n78-n79 | 1 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_2-5-7-66\_n2 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-5-7-66\_n7  DC\_2-5-7-66-66\_n7 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_2-5-7-66\_n66 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-5-30-66\_n2 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-5-30-66\_n66 | 2 | 0.5 |
|  | 5 | 0.3 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7-12-66\_n2 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 12 | 0.8 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-7-12-66\_n78 | 2 | 0.6 |
|  | 7 | 0.6 |
|  | 12 | 0.6 |
|  | 66 | 0.6 |
|  | n78 | 0.6 |
| DC\_2-7-13\_n25-n66 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 13 | 0.3 |
|  | n25 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7-13-66\_n66 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 13 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7-28-66\_n7 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 28 | 0.6 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_2-7-28-66\_n66 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 28 | 0.6 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7-66\_n25-n66 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n25 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7-66\_n66-n78  DC\_2-7-7-66\_n66-n78 | 2 | 0.6 |
|  | 7 | 0.5 |
|  | 66 | 0.6 |
|  | n66 | 0.6 |
|  | n78 | 0.8 |
| DC\_2-7-66-71\_n2 | 2 | 0.5 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | 71 | 0.3 |
|  | n2 | 0.5 |
| DC\_2-7-66-71\_n78 | 2 | 0.6 |
|  | 7 | 0.6 |
|  | 66 | 0.6 |
|  | 71 | 0.6 |
|  | n78 | 0.6 |
| DC\_2-12-30-66\_n2 | 2 | 0.5 |
|  | 12 | 0.8 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-12-30-66\_n66 | 2 | 0.5 |
|  | 12 | 0.8 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-14-30-66\_n2 | 2 | 0.5 |
|  | 14 | 0.3 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-14-30-66\_n66 | 2 | 0.5 |
|  | 14 | 0.3 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-29-30-66\_n2 | 2 | 0.5 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n2 | 0.5 |
| DC\_2-29-30-66\_n66 | 2 | 0.5 |
|  | 30 | 0.3 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-46-66\_n41-n71 | 2 | 0.5 |
|  | 66 | 0.5 |
|  | n41 | 0.41/0.92 |
|  | n71 | 0.6 |
| DC\_3-7-8\_n1-n78  DC\_3-3-7-8\_n1-n78  DC\_3-7-7-8\_n1-n78  DC\_3-3-7-7-8\_n1-n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 8 | 0.6 |
|  | n1 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7-8-20\_n1 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 8 | 0.6 |
|  | 20 | 0.6 |
|  | n1 | 0.6 |
| DC\_3-7-8\_n28-n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 8 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7-8-40\_n78 | 3 | 0.6 |
| DC\_3-7-8\_n40-n78 | 7 | 0.5 |
|  | 8 | 0.6 |
|  | 40 or n40 | 0.55 |
|  | n78 | 0.85 |
| DC\_3-7-20\_n1-n78 | 3 | 0.6 |
|  | 7 | 0.7 |
|  | 20 | 0.6 |
|  | n1 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7-20-28\_n1 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | 28 | 0.6 |
|  | n1 | 0.6 |
| DC\_3-7-20\_n28-n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.6 |
|  | n28 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7-20-32\_n1 | 3 | 0.7 |
|  | 7 | 0.7 |
|  | 20 | 0.3 |
|  | n1 | 0.7 |
| DC\_3-7-20-32\_n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 20 | 0.3 |
|  | n78 | 0.8 |
| DC\_3-7-28\_n1-n40 | 3 | 0.6 |
|  | 7 | 0.8 |
|  | 28 | 0.6 |
|  | n1 | 0.6 |
|  | n40 | 0.9 |
| DC\_3-7-28\_n1-n78 | 3 | 0.7 |
|  | 7 | 0.7 |
|  | 28 | 0.6 |
|  | n1 | 0.7 |
|  | n78 | 0.6 |
| DC\_3-7-28\_n3-n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n3 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7-28\_n7-n78 | 3 | 0.6 |
|  | 7 | 0.6 |
|  | 28 | 0.6 |
|  | n7 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-7-28\_n40-n78 | 3 | 0.6 |
|  | 7 | 0.5 |
|  | 28 | 0.3 |
|  | n40 | 0.5 |
|  | n78 | 0.8 |
| DC\_3-7-40\_n1-n78 | 3 | 0.6 |
|  | 7 | 0.5 |
|  | 40 | 0.35 |
|  | n1 | 0.6 |
|  | n78 | 0.85 |
| DC\_3-8-11\_n28-n77 | 3 | 0.8 |
|  | 8 | 0.6 |
|  | 11 | 0.9 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_3-8-40\_n1-n78 | 3 | 0.6 |
|  | 8 | 0.6 |
|  | 40 | 0.35 |
|  | n1 | 0.6 |
|  | n78 | 0.85 |
| DC\_3-19-21-42\_n77 | 3 | 0.8 |
|  | 19 | 0.3 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_3-19-21-42\_n78 | 3 | 0.8 |
|  | 19 | 0.3 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_3-19-21-42\_n79 | 3 | 0.8 |
|  | 19 | 0.3 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
| DC\_3-19-42\_n1-n77 | 3 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
|  | n77 | 0.8 |
| DC\_3-19-42\_n1-n78 | 3 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
|  | n78 | 0.8 |
| DC\_3-19-42\_n1-n79 | 3 | 0.6 |
|  | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
| DC\_3-21\_n1-n77-n79 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n1 | 0.6 |
|  | n77 | 0.8 |
|  | n79 | 0.5 |
| DC\_3-21\_n1-n78-n79 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n1 | 0.6 |
|  | n78 | 0.8 |
|  | n79 | 0.5 |
| DC\_3-21\_n28-n77-n79 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n28 | 0.5 |
|  | n77 | 0.8 |
|  | n79 | 0.5 |
| DC\_3-21\_n28-n78-n79 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | n28 | 0.5 |
|  | n78 | 0.8 |
|  | n79 | 0.5 |
| DC\_3-21-42\_n1-n77 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
|  | n77 | 0.6 |
| DC\_3-21-42\_n1-n78 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
|  | n78 | 0.6 |
| DC\_3-21-42\_n1-n79 | 3 | 0.8 |
|  | 21 | 0.9 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
| DC\_3-28-41-42\_n78 | 3 | 1 |
|  | 28 | 0.5 |
|  | 41 | 0.33/0.84 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
|  | 3 | 1 |
| DC\_7-8-20-32\_n1 | 7 | 0.7 |
|  | 8 | 0.6 |
|  | 20 | 0.7 |
|  | n1 | 0.5 |
| DC\_7-8-40\_n1-n78 | 7 | 0.5 |
|  | 8 | 0.6 |
|  | 40 | 0.35 |
|  | n1 | 0.6 |
|  | n78 | 0.85 |
| DC\_7-20-28-32\_n1 | 7 | 0.7 |
|  | 20 | 0.6 |
|  | 28 | 0.6 |
|  | n1 | 0.7 |
| DC\_7-20-28-32\_n3 | 7 | 0.7 |
|  | 20 | 0.6 |
|  | 28 | 0.5 |
|  | n3 | 0.7 |
| DC\_7-20-32-38\_n1 | 20 | 0.3 |
|  | n1 | 0.7 |
| DC\_8-11\_n3-n28-n77 | 8 | 0.6 |
|  | 11 | 0.8 |
|  | n3 | 0.9 |
|  | n28 | 0.6 |
|  | n77 | 0.8 |
| DC\_8-42\_n3-n28-n77 | 8 | 0.6 |
|  | 42 | 0.8 |
|  | n3 | 0.6 |
|  | n28 | 0.8 |
|  | n77 | 0.8 |
| DC\_19-21-42\_n1-n77 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n1 | 0.3 |
|  | n77 | 0.8 |
| DC\_19-21-42\_n1-n78 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n1 | 0.3 |
|  | n78 | 0.8 |
| DC\_19-21-42\_n1-n79 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n1 | 0.3 |
| DC\_19-21-42\_n77-n79 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n77 | 0.8 |
| DC\_19-21-42\_n78-n79 | 19 | 0.3 |
|  | 21 | 0.4 |
|  | 42 | 0.8 |
|  | n78 | 0.8 |
| DC\_19-42\_n1-n77-n79 | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n1 | 0.6 |
|  | n77 | 0.8 |
|  | n79 | 0.5 |
| DC\_19-42\_n1-n78-n79 | 19 | 0.3 |
|  | 42 | 0.8 |
|  | n1 | 0.3 |
|  | n78 | 0.8 |
|  | n79 | 0.5 |
| NOTE 1: The requirement is applied for UE transmitting on the frequency range of 2545 – 2690 MHz.  NOTE 2: The requirement is applied for UE transmitting on the frequency range of 2496 – 2545 MHz.  NOTE 3: The requirement is applied for UE transmitting on the frequency range of 2515 – 2690 MHz.  NOTE 4: The requirement is applied for UE transmitting on the frequency range of 2496 – 2515 MHz.  NOTE 5: Only applicable for UE supporting inter-band carrier aggregation with uplink in one E-UTRA band and without simultaneous Rx/Tx | | |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* 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 | E-UTRA or NR Band | ΔRIB,c (dB) |
| --- | --- | --- |
| DC\_1-3-5-7\_n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 5 | 0.2 |
|  | 7 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-5-7\_n78,  DC\_1-3-5-7-7\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 5 | 0.2 |
|  | 7 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-5-41\_n79 | 41 | 03/0.54 |
| DC\_1-3-7\_n3-n78 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 7 | 0.3 |
|  | n3 | 0.3 |
|  | n78 | 0.5 |
| DC\_1-3-7\_n7-n78 | 1 | 0.3 |
|  | 3 | 0.3 |
|  | 7 | 0.3 |
|  | n7 | 0.3 |
|  | n78 | 0.5 |
| DC\_1-3-7-8\_n28 | 8 | 0.2 |
|  | n28 | 0.2 |
| DC\_1-3-7-8\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 8 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-7-20\_n28 | 20 | 0.2 |
|  | n28 | 0.2 |
| DC\_1-3-7-20\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 7 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-7-28\_n3 | 28 | 0.2 |
| DC\_1-3-7-28\_n5 | 28 | 0.2 |
|  | n5 | 0.2 |
| DC\_1-3-7-28\_n7 | 28 | 0.2 |
| DC\_1-3-7-28\_n40 | 7 | 0.3 |
|  | 28 | 0.2 |
|  | n40 | 0.8 |
| DC\_1-3-7-28\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-7\_n28-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 7 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-7-38\_n28 | 38 | 0.2 |
|  | n28 | 0.2 |
| DC\_1-3-7-40\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_1-3-7\_n40-n78 | 7 | 0.3 |
|  | n40 | 0.8 |
|  | n78 | 0.5 |
| DC\_1-3-8-11\_n28 | 3 | 0.3 |
|  | 8 | 0.2 |
|  | 11 | 0.5 |
|  | n28 | 0.2 |
| DC\_1-3-8-11\_n77 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 8 | 0.2 |
|  | 11 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-8\_n28-n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-8\_n28-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-8-40\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 8 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_1-3-8-42\_n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 8 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-11\_n28-n77 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 11 | 0.5 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-18\_n3-n41 | 3 | 0.5 |
|  | n3 | 0.5 |
|  | n41 | 03/0.54 |
| DC\_1-3-18\_n3-n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-18\_n3-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-18\_n28-n41 | 3 | 0.5 |
|  | n28 | 0.2 |
|  | n41 | 03/0.54 |
| DC\_1-3-18\_n28-n77 | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-18\_n28-n78 | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-18\_n41-n77 | 3 | 0.5 |
|  | n41 | 03/0.54 |
|  | n77 | 0.5 |
| DC\_1-3-18\_n41-n78 | 3 | 0.5 |
|  | n41 | 03/0.54 |
|  | n78 | 0.5 |
| DC\_1-3-18-42\_n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-18-42\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-3-18-42\_n79 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
| DC\_1-3-19-21\_n77 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-19-21\_n78 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-3-19-21\_n79 | 3 | 0.3 |
|  | 21 | 0.5 |
| DC\_1-3-19-42\_n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-19-42\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-3-19-42\_n79 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
| DC\_1-3-20\_n7-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-20\_n28-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 20 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-20-38\_n78  DC\_1-3-20\_n38-n78 | 3 | 0.2 |
|  | 20 | 0.2 |
|  | 38 or n38 | 0.4 |
|  | n78 | 0.5 |
| DC\_1-3-20-40\_n78 | 40 | 05 |
|  | n78 | 0.55 |
| DC\_1-3-20\_n41-n78 | n78 | 0.5 |
| DC\_1-3-21-42\_n77 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
|  | n77 | 0.2 |
| DC\_1-3-21-42\_n78 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
|  | n78 | 0.2 |
| DC\_1-3-21-42\_n79 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
| DC\_1-3-21\_n77-n79 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-21\_n78-n79 | 1 | 0.2 |
|  | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-3-28\_n3-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 28 | 0.2 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-28\_n7-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 28 | 0.2 |
|  | n7 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-28-40\_n78 | 28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-28\_n40-n78 | 3 | 0.2 |
|  | 28 | 0.2 |
|  | n40 | 0.45 |
|  | n78 | 0.55 |
| DC\_1-3-28-42\_n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-28-42\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-3-28-42\_n79 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 28 | 0.2 |
|  | 42 | 0.5 |
| DC\_1-3\_n28-n77-n79 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3\_n28-n78-n79 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-41\_n3-n41 | 41 | 03/0.54 |
|  | n41 | 03/0.54 |
| DC\_1-3-41\_n3-n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-41\_n3-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-41\_n28-n41 | 41 | 03/0.54 |
|  | n28 | 0.2 |
|  | n41 | 03/0.54 |
| DC\_1-3-41\_n28-n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 41 | 03/0.54 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-41\_n28-n78 | 3 | 0.2 |
|  | 41 | 03/0.54 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-41\_n41-n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-3-41\_n41-n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-3-41-42\_n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-3-41-42\_n78 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-3-41-42\_n79 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
| DC\_1-3-42\_n28-n77 | 1 | 0.2 |
|  | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n28 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-7-8-20 \_n3 | 8 | 0.2 |
|  | 20 | 0.2 |
| DC\_1-7-8-20\_n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | 8 | 0.2 |
|  | 20 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-8\_n28-n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-8-40\_n78 | 1 | 0.2 |
|  | 8 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_1-7-20\_n3-n78 | n78 | 0.5 |
| DC\_1-7-20-28\_n3 | 20 | 0.2 |
|  | 28 | 0.2 |
| DC\_1-7-20\_n28-n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | 20 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-20-32\_n8 | 20 | 0.2 |
|  | n8 | 0.2 |
| DC\_1-7-20-32\_n28 | 20 | 0.2 |
|  | n28 | 0.2 |
| DC\_1-7-20-32\_n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | 20 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-20-38\_n3A | 38 | 0.2 |
| DC\_1-7-28\_n3-n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | 28 | 0.2 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-28\_n7-n78 | 1 | 0.2 |
|  | 7 | 0.2 |
|  | 28 | 0.2 |
|  | n7 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-7-28-32\_n3 | 28 | 0.2 |
| DC\_1-7-28\_n40-n78 | 1 | 0.2 |
|  | 28 | 0.2 |
|  | n40 | 0.4 |
|  | n78 | 0.5 |
| DC\_1-8\_n3-n28-n77 | 1 | 0.2 |
|  | 8 | 0.2 |
|  | n3 | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-8-11\_n3-n28 | 8 | 0.2 |
|  | 11 | 0.3 |
|  | n3 | 0.5 |
|  | n28 | 0.2 |
| DC\_1-8-11\_n3-n77 | 1 | 0.2 |
|  | 8 | 0.2 |
|  | 11 | 0.3 |
|  | n3 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-8-11\_n28-n77 | 1 | 0.2 |
|  | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-8-42\_n28-n77 | 1 | 0.2 |
|  | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n28 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-11\_n3-n28-n77 | 1 | 0.2 |
|  | 11 | 0.3 |
|  | n3 | 0.5 |
|  | n28 | 0.2 |
|  | n77 | 0.3 |
| DC\_1-18-41\_n3-n77 | 1 | 0.2 |
|  | 41 | 03/0.54 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-18-41\_n3-n78 | 1 | 0.2 |
|  | 41 | 03/0.54 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-8-42\_n3-n28 | 8 | 0.2 |
|  | 42 | 0.5 |
|  | n3 | 0.2 |
|  | n28 | 0.5 |
| DC\_1-8-42\_n3-n77 | 1 | 0.2 |
|  | 8 | 0.2 |
|  | 42 | 0.5 |
|  | n3 | 0.2 |
|  | n77 | 0.5 |
| DC\_1-19-21-42\_n77 | 1 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-19-21-42\_n78 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-19-21-42\_n79 | 42 | 0.5 |
| DC\_1-19-42\_n77-n79 | 1 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-19-42\_n78-n79 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-20-28-32\_n3 | 20 | 0.2 |
|  | 28 | 0.2 |
| DC\_1-20-38\_n3-n78 | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_1-21-28-42\_n77 | 1 | 0.2 |
|  | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-21-28-42\_n78 | 28 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-21-28-42\_n79 | 28 | 0.2 |
|  | 42 | 0.5 |
| DC\_1-21\_n28-n77-n79 | 1 | 0.3 |
|  | n28 | 0.3 |
|  | n77 | 0.5 |
| DC\_1-21\_n28-n78-n79 | 1 | 0.3 |
| n28 | 0.3 |
| n78 | 0.5 |
| DC\_1-21-42\_n77-n79 | 1 | 0.2 |
|  | 21 | 0.2 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_1-21-42\_n78-n79 | 21 | 0.2 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_1-42\_n3-n28-n77 | 1 | 0.2 |
|  | 42 | 0.5 |
|  | n3 | 0.2 |
|  | n28 | 0.5 |
|  | n77 | 0.5 |
| DC\_2-5-7-66\_n2 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n2 | 0.3 |
| DC\_2-5-7-66\_n7  DC\_2-5-7-66-66­\_n7 | 2 | 0.3 |
|  | 5 | 0.2 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_2-5-7-66\_n66 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-5-30-66\_n2 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n2 | 0.4 |
| DC\_2-5-30-66\_n66 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n66 | 0.4 |
| DC\_2-7-12-66\_n2 | 2 | 0.3 |
|  | 7 | 0.3 |
|  | 12 | 0.5 |
|  | 66 | 0.5 |
|  | n2 | 0.3 |
| DC\_2-7-12-66\_n78 | 2 | 0.2 |
|  | 7 | 0.2 |
|  | 66 | 0.2 |
|  | n78 | 0.5 |
| DC\_2-7-13\_n25-n66 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | n25 | 0.3 |
|  | n66 | 0.5 |
| DC\_2-7-13-66\_n66 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7-28-66\_n7 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 28 | 0.2 |
|  | 66 | 0.5 |
|  | n7 | 0.5 |
| DC\_2-7-28-66\_n66 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 28 | 0.2 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
| DC\_2-7-66\_n25-n66 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n25 | 0.3 |
|  | n66 | 0.5 |
| DC\_2-7-66\_n66-n78  DC\_2-7-7-66\_n66-n78 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n66 | 0.5 |
|  | n78 | 0.5 |
| DC\_2-7-66-71\_n2 | 2 | 0.3 |
|  | 7 | 0.5 |
|  | 66 | 0.5 |
|  | n2 | 0.3 |
| DC\_2-7-66-71\_n78 | 2 | 0.2 |
|  | 7 | 0.2 |
|  | 66 | 0.2 |
|  | n78 | 0.5 |
| DC\_2-12-30-66\_n2 | 2 | 0.4 |
|  | 12 | 0.5 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n2 | 0.4 |
| DC\_2-12-30-66\_n66 | 2 | 0.4 |
|  | 12 | 0.5 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n66 | 0.4 |
| DC\_2-14-30-66\_n2 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n2 | 0.4 |
| DC\_2-14-30-66\_n66 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n66 | 0.4 |
| DC\_2-29-30-66\_n2 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n2 | 0.4 |
| DC\_2-29-30-66\_n66 | 2 | 0.4 |
|  | 30 | 0.5 |
|  | 66 | 0.4 |
|  | n66 | 0.4 |
| DC\_2-46-66\_n41-n71 | 2 | 0.3 |
|  | 66 | 0.3 |
|  | n41 | 0.51/12 |
|  | n71 | 0.5 |
| DC\_3-7-8\_n1-n78  DC\_3-3-7-8\_n1-n78,  DC\_3-7-7-8\_n1-n78,  DC\_3-3-7-7-8\_n1-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 8 | 0.2 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-8-20\_n1 | 8 | 0.2 |
|  | 20 | 0.2 |
| DC\_3-7-8\_n28-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 8 | 0.2 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-8-40\_n78 | 3 | 0.2 |
|  | 8 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_3-7-20\_n1-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 20 | 0.2 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-20-28\_n1 | 20 | 0.2 |
|  | 28 | 0.2 |
| DC\_3-7-20\_n28-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 20 | 0.2 |
|  | n28 | 0.2 |
| DC\_3-7-28\_n1-n40 | 7 | 0.3 |
|  | 28 | 0.2 |
|  | n40 | 0.8 |
| DC\_3-7-28\_n1-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 28 | 0.2 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-28\_n3-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 28 | 0.2 |
|  | n3 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-28\_n7-n78 | 3 | 0.2 |
|  | 7 | 0.2 |
|  | 28 | 0.2 |
|  | n7 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-7-28\_n40-n78 | 3 | 0.2 |
|  | 28 | 0.2 |
|  | n40 | 0.4 |
|  | n78 | 0.5 |
| DC\_3-7-40\_n1-n78 | n1 | 0.2 |
|  | 3 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_3-8-11\_n28-n77 | 3 | 0.3 |
|  | 8 | 0.2 |
|  | 11 | 0.5 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-8-40\_n1-n78 | n1 | 0.2 |
|  | 3 | 0.2 |
|  | 8 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_3-19-21-42\_n77 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_3-19-21-42\_n78 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_3-19-21-42\_n79 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
| DC\_3-19-42\_n1-n77 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-19-42\_n1-n78 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-19-42\_n1-n79 | 3 | 0.2 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
| DC\_3-21\_n1-n77-n79 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n1 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-21\_n1-n78-n79 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n1 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-21\_n28-n77-n79 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_3-21\_n28-n78-n79 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | n28 | 0.2 |
|  | n78 | 0.5 |
| DC\_3-21-42\_n1-n77 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
|  | n77 | 0.2 |
| DC\_3-21-42\_n1-n78 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
|  | n78 | 0.2 |
| DC\_3-21-42\_n1-n79 | 3 | 0.3 |
|  | 21 | 0.5 |
|  | 42 | 0.5 |
|  | n1 | 0.2 |
| DC\_3-28-41-42\_n78 | 3 | 0.5 |
|  | 28 | 0.2 |
|  | 41 | 0.43/0.54 |
|  | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_7-8-20-32\_n1 | 8 | 0.2 |
|  | 20 | 0.2 |
| DC\_7-8-40\_n1-n78 | n1 | 0.2 |
|  | 8 | 0.2 |
|  | 40 | 0.45 |
|  | n78 | 0.55 |
| DC\_7-20-28-32\_n3 | 20 | 0.2 |
|  | 28 | 0.1 |
| DC\_7-20-32-38\_n1 | 38 | 0.2 |
| DC\_8-11\_n3-n28-n77 | 8 | 0.2 |
|  | 11 | 0.3 |
|  | n3 | 0.5 |
|  | n28 | 0.2 |
|  | n77 | 0.5 |
| DC\_8-42\_n3-n28-n77 | 8 | 0.2 |
|  | 42 | 0.5 |
|  | n3 | 0.2 |
|  | n28 | 0.5 |
|  | n77 | 0.5 |
| DC\_19-21-42\_n1-n77 | 42 | 0.5 |
|  | n1 | 0.2 |
|  | n77 | 0.5 |
| DC\_19-21-42\_n1-n78 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_19-21-42\_n1-n79 | 42 | 0.5 |
| DC\_19-21-42\_n77-n79 | 42 | 0.5 |
|  | n77 | 0.5 |
| DC\_19-21-42\_n78-n79 | 42 | 0.5 |
|  | n78 | 0.5 |
| DC\_19-42\_n1-n77-n79 | 19 | 0.3 |
|  | 42 | 0.5 |
|  | n1 | 0.3 |
|  | n77 | 0.5 |
| DC\_19-42\_n1-n78-n79 | 19 | 0.3 |
|  | 42 | 0.5 |
|  | n1 | 0.3 |
|  | n78 | 0.5 |
| NOTE 1: The requirement is applied for UE transmitting on the frequency range of 2545 – 2690 MHz.  NOTE 2: The requirement is applied for UE transmitting on the frequency range of 2496 – 2545 MHz.  NOTE 3: The requirement is applied for UE transmitting on the frequency range of 2515 - 2690 MHz  NOTE 4: The requirement is applied for UE transmitting on the frequency range of 2496 – 2515 MHz.  NOTE 5: Only applicable for UE supporting inter-band carrier aggregation with uplink in one E-UTRA band and without simultaneous Rx/Tx. | | |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* End of Changes \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*