**3GPP TSG-RAN WG4 Meeting #94-e R4-2001512**

**Online, 24th February – 6th March 2020**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-3** | **CR** | **0206** | **rev** |  | **Current version:** | **16.2.1** |  |
|  | | | | | | | | |
| *For* [***HELP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network |  |

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|  | | | | | | | | | | |
| ***Title:*** | CR to add 3 LTE bands and 1 NR band EN-DC combinations | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | DC\_R16\_3BLTE\_1BNR\_4DL2UL | | | | |  | ***Date:*** | | | 2010-03-02 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-16 |
|  | *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-12 (Release 12) Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Adding approved 3 LTE bands and 1 NR band EN-DC combinations at RAN4 94-e | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Adding the following from RAN 94-e:  DC\_1A-7C-20A\_n3A  DC\_1A-8A-11A\_n77(2A)  DC\_2A-5A-48A\_n12A  DC\_2A-5A-48A\_n71A  DC\_2A-5A-66A\_n12A  DC\_2A-5A-66A\_n66A  DC\_2A-5B-66A\_n66A  DC\_2A-5A-5A-66A\_n66A  DC\_2A-5A-66A-66A\_n66A  DC\_2A-5B-66A-66A\_n66A  DC\_2A-2A-5A-66A-66A\_n66A  DC\_2A-5A-5A-66A-66A\_n66A  DC\_2A-5A-66A\_n71A DC\_2A-7A-66A\_n38ADC\_2A-2A-7A-66A\_n38A  DC\_2A-7A-66A\_n71A  DC\_2A-12A-48A\_n5A  DC\_2A-12A-66A\_n5A  DC\_2A-13A-66A\_n5A  DC\_2A-2A-13A-66A\_n5A  DC\_2A-13A-66A-66A\_n5A  DC\_2A-2A-13A-66A-66A\_n5A DC\_2A-13A-66A\_n48A DC\_2A-13A-66A\_n48B DC\_2A-13A-66A-66A\_n48A DC\_2A-13A-66A-66A\_n48B  DC\_2A-2A-13A-66A\_n66A DC\_2A-13A-66A-66A\_n66A  DC\_2A-2A-13A-66A-66A\_n66A DC\_2A-46A-48A\_n5A DC\_2A-46C-48A\_n5A DC\_2A-46D-48A\_n5A DC\_2A-46E-48A\_n5A DC\_2A-46A-48A\_ n66A DC\_2A-46C-48A\_ n66A DC\_2A-46D-48A\_ n66A DC\_2A-46E-48A\_ n66A  DC\_2A-48A-66A\_n5A  DC\_2A-48A-66A\_n12A  DC\_2A-48A-66A\_n71A  DC\_2A-66A-71A\_n38ADC\_2A-2A-66A-71A\_n38A DC\_2A-66A-71A\_n66A  DC\_2A-66A-71A\_n78ADC\_2A-2A-66A-71A\_n78A DC\_3C-7A-8A\_n1A  DC\_3A-7C-20A\_n1A  DC\_5A-48A-66A\_n12A  DC\_5A-48A-66A\_n71A  DC\_12A-48A-66A\_n5A  Editorial corrections:  Moving DC\_2-7\_n38-n78 combinations in configuration table  Adding DC\_2-7\_n38-n78 in delta tables  Correcting font for UL DC\_8A\_n1A in DC\_3-7-8\_n1 configurations | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Approved NR Inter-band CA for 4 band combinations are not added | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5B, 6.2B, 7.3B | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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---

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

| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) |
| --- | --- |
| DC\_1A-3A-5A\_n78A2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A |
| DC\_1A-3A\_n5A-n78A  DC\_1A-3C\_n5A-n78A | DC\_1A\_n5A  DC\_1A\_n78A  DC\_3A\_n5A  DC\_3A\_n78A  DC\_3C\_n5A  DC\_3C\_n78A |
| DC\_1A-3A-5A\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_5A\_n79A |
| DC\_1A-3A-7A\_n5A  DC\_1A-3A-7C\_n5A  DC\_1A-3C-7A\_n5A  DC\_1A-3C-7C\_n5A | DC\_1A\_n5A  DC\_3A\_n5A  DC\_3C\_n5A  DC\_7A\_n5A  DC\_7C\_n5A |
| DC\_1A-3A-7A\_n7A DC\_1A-3C-7A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_7A\_n7A4 |
| DC\_1A-1A-3A-7A\_n7A DC\_1A-1A-3C-7A\_n7A DC\_1A-3A-3A-7A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4 |
| DC\_1A-3A-7A\_n28A  DC\_1A-3A-7C\_n28A  DC\_1A-3C-7A\_n28A  DC\_1A-3C-7C\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_3C\_n28A  DC\_7A\_n28A  DC\_7C\_n28A |
| DC\_1A-3A-7A\_n78A2  DC\_1A-3A-7C\_n78A  DC\_1A-3C-7A\_n78A2  DC\_1A-3C-7C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-3A-7A\_n78(2A)  DC\_1A-3C-7A\_n78(2A)  DC\_1A-3A-7C\_n78(2A)  DC\_1A-3C-7C\_n78(2A) | DC\_1A\_n78A DC\_3A\_n78A DC\_3C\_n78A  DC\_7A\_n78A DC\_7C\_n78A |
| DC\_1A-3A\_n7A-n78A  DC\_1A-3A\_n7A-n78(2A)  DC\_1A-3C\_n7A-n78(2A) | DC\_1A\_n7A  DC\_1A\_n78A  DC\_3A\_n7A  DC\_3A\_n78A |
| DC\_1A-3C\_n7A-n78A | DC\_1A\_n7A  DC\_1A\_n78A  DC\_3A\_n7A  DC\_3A\_n78A  DC\_3C\_n7A |
| DC\_1A-3A-7A-7A\_n78A2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-8A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_8A\_n77A |
| DC\_1A-3A-8A\_n78A2  DC\_1A-3C-8A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A |
| DC\_1A-3A-8A\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_8A\_n79A |
| DC\_1A-3A-18A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_18A\_n78A |
| DC\_1A-3A-18A\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_18A\_n79A |
| DC\_1A-3A-19A\_n77A2  DC\_1A-3A-19A\_n77C2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_1A-3A-19A\_n78A2  DC\_1A-3A-19A\_n78C2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A |
| DC\_1A-3A-19A\_n79A2  DC\_1A-3A-19A\_n79C2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A |
| DC\_1A-3A-20A\_n28A3 | DC\_1A\_n28A  DC\_3A\_n28A  DC\_20A\_n28A |
| DC\_1A-3A-20A\_n38A | DC\_3A\_n38A  DC\_20A\_n38A |
| DC\_1A-3A-20A\_n78A2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-21A\_n77A2  DC\_1A-3A-21A\_n77C2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_21A\_n77A |
| DC\_1A-3A-21A\_n78A2  DC\_1A-3A-21A\_n78C2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_21A\_n78A |
| DC\_1A-3A-21A\_n79A2  DC\_1A-3A-21A\_n79C2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_21A\_n79A |
| DC\_1A-3A-28A\_n5A  DC\_1A-3C-28A\_n5A | DC\_1A\_n5A  DC\_3A\_n5A  DC\_3C\_n5A  DC\_28A\_n5A |
| DC\_1A-3A-28A\_n7A  DC\_1A-3C-28A\_n7A  DC\_1A-3A-28A\_n7B  DC\_1A-3C-28A\_n7B | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A |
| DC\_1A-3A-3A-28A\_n7A  DC\_1A-1A-3A-28A\_n7A  DC\_1A-1A-3C-28A\_n7A  DC\_1A-1A-3A-3A-28A\_n7A  DC\_1A-3A-3A-28A\_n7B  DC\_1A-1A-3A-28A\_n7B  DC\_1A-1A-3C-28A\_n7B  DC\_1A-1A-3A-3A-28A\_n7B | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A |
| DC\_1A-3A-28A\_n77A2  DC\_1A-3A-28A\_n77C | DC\_1A\_n77A  DC\_3A\_n77A  DC\_28A\_n77A |
| DC\_1A-3A-28A\_n78A2  DC\_1A-3C-28A\_n78A  DC\_1A-3A-28A\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A |
|  |  |
| DC\_1A-3A-28A\_n79A2  DC\_1A-3A-28A\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_28A\_n79A |
| DC\_1A-3A\_n28A-n78A2  DC\_1A-3C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n28A |
| DC\_1A-3A\_n38A-n78A | DC\_3A\_n38A  DC\_3A\_n78A |
| DC\_1A-3A-41A\_n77A  DC\_1A-3A-41C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_41A\_n77A |
| DC\_1A-3A-41A\_n78A  DC\_1A-3A-41C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_41A\_n78A |
| DC\_1A-3A-41A\_n79A  DC\_1A-3A-41C\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_41A\_n79A |
| DC\_1A-3A-42A\_n77A  DC\_1A-3A-42A\_n77C  DC\_1A-3A-42C\_n77A  DC\_1A-3A-42C\_n77C  DC\_1A-3A-42D\_n77A | DC\_1A\_n77A  DC\_3A\_n77A |
| DC\_1A-3A-42A\_n78A  DC\_1A-3A-42A\_n78C  DC\_1A-3A-42C\_n78A  DC\_1A-3A-42C\_n78C  DC\_1A-3A-42D\_n78A | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3A-42A\_n79A  DC\_1A-3A-42A\_n79C  DC\_1A-3A-42C\_n79A  DC\_1A-3A-42C\_n79C  DC\_1A-3A-42D\_n79A | DC\_1A\_n79A  DC\_3A\_n79A |
| DC\_1A-3A\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A  DC\_3A\_n77A  DC\_3A\_n79A |
| DC\_1A-3A\_n78A-n79A | DC\_1A\_n78A  DC\_1A\_n79A  DC\_3A\_n78A  DC\_3A\_n79A |
| DC\_1A-3A\_SUL\_n78A-n80A | DC\_1A\_n78A  DC\_1A\_n80A  DC\_3A\_n78A  DC\_3A\_n80A\_ULSUP-TDM\_n78A  DC\_3A\_n80A\_ULSUP-FDM\_n78A |
| DC\_1A-5A-7A\_n78A | DC\_1A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-5A-7A-7A\_n78A | DC\_1A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-5A-41A\_n79A | DC\_1A\_n79A  DC\_5A\_n79A  DC\_41A\_n79A |
| DC\_1A-7A\_n5A-n78A  DC\_1A-7C\_n5A-n78A | DC\_1A\_n5A  DC\_1A\_n78A  DC\_7A\_n5A  DC\_7A\_n78A  DC\_7C\_n5A  DC\_7C\_n78A |
| DC\_1A-7A-8A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_1A-7A-20A\_n3A  DC\_1A-7C-20A\_n3A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_7C\_n3A  DC\_20A\_n3A |
| DC\_1A-7A-20A\_n28A3 | DC\_1A\_n28A  DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_1A-7A-20A\_n78A2 | DC\_1A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-7A-28A\_n5A  DC\_1A-7C-28A\_n5A | DC\_1A\_n5A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_28A\_n5A |
| DC\_1A-7A-28A\_n7A | DC\_1A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_1A-1A-7A-28A\_n7A | DC\_1A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_1A-7A-28A\_n78A  DC\_1A-7C-28A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_1A-7A\_n28A-n78A2  DC\_1A-7C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_7C\_n28A  DC\_7C\_n78A |
| DC\_1A-8A\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_8A\_n3A  DC\_8A\_n28A |
| DC\_1A-8A-11A\_n77A | DC\_1A\_n77A  DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n77(2A) | DC\_1A\_n77A  DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n78A | DC\_1A\_n78A  DC\_8A\_n78A  DC\_11A\_n78A |
| DC\_1A-8A-20A\_n78A | DC\_1A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A |
| DC\_1A-8A-42A\_n77A  DC\_1A-8A-42C\_n77A | DC\_1A\_n77A  DC\_8A\_n77A |
| DC\_1A-18A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_18A\_n3A  DC\_18A\_n78A |
| DC\_1A-18A-28A\_n77A | DC\_1A\_n77A  DC\_18A\_n77A  DC\_28A\_n77A |
| DC\_1A-18A-28A\_n78A | DC\_1A\_n78A  DC\_18A\_n78A  DC\_28A\_n78A |
| DC\_1A-18A-28A\_n79A2 | DC\_1A\_n79A  DC\_18A\_n79A  DC\_28A\_n79A |
| DC\_1A-18A-42A\_n77A  DC\_1A-18A-42C\_n77A | DC\_1A\_n77A  DC\_18A\_n77A |
| DC\_1A-18A-42A\_n78A  DC\_1A-18A-42C\_n78A | DC\_1A\_n78A  DC\_18A\_n78A |
| DC\_1A-18A-42A\_n79A  DC\_1A-18A-42C\_n79A | DC\_1A\_n79A  DC\_18A\_n79A |
| DC\_1A-19A-21A\_n77A  DC\_1A-19A-21A\_n77C | DC\_1A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_1A-19A-21A\_n78A  DC\_1A-19A-21A\_n78C | DC\_1A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_1A-19A-21A\_n79A  DC\_1A-19A-21A\_n79C | DC\_1A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_1A-19A-42A\_n77A  DC\_1A-19A-42A\_n77C  DC\_1A-19A-42C\_n77A  DC\_1A-19A-42C\_n77C | DC\_1A\_n77A  DC\_19A\_n77A |
| DC\_1A-19A-42A\_n78A  DC\_1A-19A-42A\_n78C  DC\_1A-19A-42C\_n78A  DC\_1A-19A-42C\_n78C | DC\_1A\_n78A  DC\_19A\_n78A |
| DC\_1A-19A-42A\_n79A  DC\_1A-19A-42A\_n79C  DC\_1A-19A-42C\_n79A  DC\_1A-19A-42C\_n79C | DC\_1A\_n79A  DC\_19A\_n79A |
| DC\_1A-19A\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_1A-19A\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_1A-20A\_n28A-n78A2,3 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_1A-20A-38A\_n78A | DC\_1A\_n78A |
| DC\_1A-21A-28A\_n77A2 | DC\_1A\_n77A  DC\_21A\_n77A  DC\_28A\_n77A |
| DC\_1A-21A-28A\_n78A2 | DC\_1A\_n78A  DC\_21A\_n78A  DC\_28A\_n78A |
| DC\_1A-21A-28A\_n79A2 | DC\_1A\_n79A  DC\_21A\_n79A  DC\_28A\_n79A |
| DC\_1A-21A-42A\_n77A  DC\_1A-21A-42A\_n77C  DC\_1A-21A-42C\_n77A  DC\_1A-21A-42C\_n77C  DC\_1A-21A-42D\_n77A  DC\_1A-21A-42D\_n77C | DC\_1A\_n77A  DC\_21A\_n77A |
| DC\_1A-21A-42A\_n78A  DC\_1A-21A-42A\_n78C  DC\_1A-21A-42C\_n78A  DC\_1A-21A-42C\_n78C  DC\_1A-21A-42D\_n78A  DC\_1A-21A-42D\_n78C | DC\_1A\_n78A  DC\_21A\_n78A |
| DC\_1A-21A-42A\_n79A  DC\_1A-21A-42A\_n79C  DC\_1A-21A-42C\_n79A  DC\_1A-21A-42C\_n79C  DC\_1A-21A-42D\_n79A  DC\_1A-21A-42D\_n79C | DC\_1A\_n79A  DC\_21A\_n79A |
| DC\_1A-21A\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A-21A\_n78A-n79A | DC\_1A\_n78A  DC\_1A\_n79A |
| DC\_1A-28A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_28A\_n3A  DC\_28A\_n78A |
| DC\_1A-28A\_n5A-n78A | DC\_1A\_n5A DC\_1A\_n78A  DC\_28A\_n5A DC\_28A\_n78A |
| DC\_1A-28A-42A\_n77A  DC\_1A-28A-42C\_n77A | DC\_1A\_n77A  DC\_28A\_n77A |
| DC\_1A-28A-42A\_n78A  DC\_1A-28A-42C\_n78A | DC\_1A\_n78A  DC\_28A\_n78A |
| DC\_1A-28A-42A\_n79A  DC\_1A-28A-42C\_n79A | DC\_1A\_n79A  DC\_28A\_n79A |
| DC\_1A-41A-42A\_n77A  DC\_1A-41A-42C\_n77A  DC\_1A-41C-42A\_n77A  DC\_1A-41C-42C\_n77A | DC\_1A\_n77A  DC\_41A\_n77A |
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| DC\_21A-42A\_n78A-n79A  DC\_21A-42C\_n78A-n79A | DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_28A-41A-42A\_n78A  DC\_28A-41C-42A\_n78A  DC\_28A-41A-42C\_n78A  DC\_28A-41C-42C\_n78A | DC\_28A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A  DC\_42A\_n78A  DC\_42C\_n78A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability  NOTE 3: The frequency range in band n28 is restricted for this band combination to 703-733 MHz for the UL and 758-788 MHz for the DL.  NOTE 4: Only single switched UL is supported  NOTE 5: UL carrier shall be supported in Band 2 or band 66 only. Power imbalance between downlink carriers on Band 7 and Band 38 is assumed to be within [6dB]. | |

---Text omitted---

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

| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔTIB,c (dB) |
| --- | --- | --- |
| DC\_1-3-5\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 5 | 0.3 |
| n78 | 0.8 |
| DC\_1-3-5\_n79 | 1 | 0.3 |
| 3 | 0.3 |
| 5 | 0.3 |
| DC\_1-3-7\_n5 | 1 | 0.6 |
| 3 | 0.6 |
| 7 | 0.6 |
| n5 | 0.3 |
| DC\_1-3-7\_n7 | 1 | 0.6 |
| 3 | 0.6 |
| 7 | 0.6 |
| n7 | 0.6 |
| DC\_1-3-7\_n28 | 1 | 0.6 |
| 3 | 0.6 |
| 7 | 0.6 |
| n28 | 0.6 |
| DC\_1-3-7\_n78  DC\_1-3-7-7\_n78  DC\_1-3\_n7-n78 | 1 | 0.7 |
| 3 | 0.7 |
| 7 or n7 | 0.7 |
| n78 | 0.8 |
| DC\_1-3-8\_n77 | 1 | 0.6 |
| 3 | 0.6 |
| 8 | 0.6 |
| n77 | 0.8 |
| DC\_1-3-8\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 8 | 0.6 |
| n78 | 0.8 |
| DC\_1-3-8\_n79 | 1 | 0.3 |
| 3 | 0.3 |
| 8 | 0.3 |
| DC\_1-3-28\_n5 | 1 | 0.3 |
| 3 | 0.3 |
| 28 | 0.6 |
| n5 | 0.6 |
| DC\_1-3-28\_n7 | 1 | 0.6 |
| 3 | 0.6 |
| 28 | 0.6 |
| n7 | 0.6 |
| DC\_1-3-28\_n77 | 1 | 0.6 |
| 3 | 0.6 |
| 28 | 0.6 |
| n77 | 0.8 |
| DC\_1-3-28\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 28 | 0.6 |
| n78 | 0.8 |
| DC\_1-3\_n28-n78 | 1 | 0.6 |
| 3 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_1-3-28\_n79 | 1 | 0.6 |
| 3 | 0.6 |
| 28 | 0.6 |
| DC\_1-3-18\_n77 | 1 | 0.6 |
| 3 | 0.6 |
| 18 | 0.3 |
| n77 | 0.8 |
| DC\_1-3-18\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 18 | 0.3 |
| n78 | 0.8 |
| DC\_1-3-18\_n79 | 1 | 0.3 |
| 3 | 0.3 |
| 18 | 0.3 |
| DC\_1-3-19\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 19 | 0.3 |
| n78 | 0.8 |
| DC\_1-3-19\_n79 | 1 | 0.3 |
| 3 | 0.3 |
| 19 | 0.3 |
| DC\_1-3-20\_n28 | 1 | 0.3 |
| 3 | 0.3 |
| 20 | 0.6 |
| n28 | 0.6 |
| DC\_1-3-20\_n38 | 1 | 0.5 |
| 3 | 0.5 |
| 20 | 0.3 |
| n38 | 0.5 |
| DC\_1-3-20\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 20 | 0.3 |
| n78 | 0.8 |
| DC\_1-3-21\_n77 | 1 | 0.6 |
| 3 | 0.8 |
| 21 | 0.9 |
| n77 | 0.8 |
| DC\_1-3-21\_n78 | 1 | 0.6 |
| 3 | 0.8 |
| 21 | 0.9 |
| n78 | 0.8 |
| DC\_1-3-21\_n79 | 1 | 0.3 |
| 3 | 0.8 |
| 21 | 0.9 |
| DC\_1-3\_n38-n78 | 1 | 0.5 |
| 3 | 0.6 |
| n38 | 0.6 |
| n78 | 0.8 |
| DC\_1-3-41\_n77 | 1 | 0.6 |
| 3 | 0.6 |
| 41 | 0.5 |
| n77 | 0.8 |
| DC\_1-3-41\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 41 | 0.5 |
| n78 | 0.8 |
| DC\_1-3-41\_n79 | 1 | 0.5 |
| 3 | 0.5 |
| 41 | 0.31/0.82 |
| DC\_1-3-42\_n77 | 1 | 0.6 |
| 3 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-3-42\_n78 | 1 | 0.6 |
| 3 | 0.6 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-3-42\_n79 | 1 | 0.6 |
| 3 | 0.6 |
| 42 | 0.8 |
| DC\_1-3\_n77-n79 | 1 | 0.6 |
| 3 | 0.6 |
| n77 | 0.8 |
| DC\_1-3\_n78-n79 | 1 | 0.6 |
| 3 | 0.6 |
| n78 | 0.8 |
| DC\_1-3\_SUL\_n78-n80 | 1 | 0.6 |
| 3, n80 | 0.6 |
| n78 | 0.8 |
| DC\_1-5-7\_n78  DC\_1-5-7-7\_n78 | 1 | 0.6 |
| 5 | 0.6 |
| 7 | 0.6 |
| n78 | 0.8 |
| DC\_1-5-41\_n79 | 1 | 0.5 |
| 5 | 0.3 |
| 41 | 0.5 |
| DC\_1-7-8\_n78 | 1 | 0.6 |
| 7 | 0.6 |
| 8 | 0.6 |
| n78 | 0.8 |
| DC\_1-7-20\_n3 | 1 | 0.3 |
| 7 | 0.5 |
| 20 | 0.3 |
| n3 | 0.5 |
| DC\_1-7-20\_n28 | 1 | 0.5 |
| 7 | 0.6 |
| 20 | 0.6 |
| n28 | 0.6 |
| DC\_1-7-20\_n78 | 1 | 0.6 |
| 7 | 0.7 |
| 20 | 0.4 |
| n78 | 0.8 |
| DC\_1-7-28\_n5 | 1 | 0.3 |
| 7 | 0.3 |
| 28 | 0.6 |
| n5 | 0.6 |
| DC\_1-7-28\_n7 | 1 | 0.5 |
| 7 | 0.6 |
| 28 | 0.6 |
| n7 | 0.6 |
| DC\_1-7-28\_n78 | 1 | 0.6 |
| 7 | 0.6 |
| 28 | 0.6 |
| n78 | 0.8 |
| DC\_1-7\_n28-n78 | 1 | 0.6 |
| 7 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_1-8\_n3-n28 | 1 | 0.3 |
| 8 | 0.6 |
| n3 | 0.3 |
| n28 | 0.6 |
| DC\_1-8-11\_n77 | 1 | 0.6 |
| 8 | 0.6 |
| 11 | 0.4 |
| n77 | 0.8 |
| DC\_1-8-11\_n78 | 1 | 0.3 |
| 8 | 0.6 |
| 11 | 0.4 |
| n78 | 0.8 |
| DC\_1-8-20\_n78 | 1 | 0.3 |
| 8 | 0.6 |
| 20 | 0.6 |
| n78 | 0.8 |
| DC\_1-8-42\_n77 | 1 | 0.6 |
| 8 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-18\_n3-n78 | 1 | 0.6 |
| 18 | 0.3 |
| n3 | 0.6 |
| n78 | 0.8 |
| DC\_1-18-28\_n77 | 1 | 0.3 |
| 18 | 0.5 |
| 28 | 0.5 |
| n77 | 0.8 |
| DC\_1-18-28\_n78 | 1 | 0.3 |
| 18 | 0.5 |
| 28 | 0.5 |
| n78 | 0.8 |
| DC\_1-18-28\_n79 | 1 | 0.3 |
| 18 | 0.5 |
| 28 | 0.5 |
| DC\_1-18-42\_n77 | 1 | 0.3 |
| 18 | 0.3 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-18-42\_n78 | 1 | 0.3 |
| 18 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-18-42\_n79 | 1 | 0.3 |
| 18 | 0.3 |
| 42 | 0.8 |
| DC\_1-19-42\_n77 | 1 | 0.6 |
| 19 | 0.3 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-19-42\_n78 | 1 | 0.3 |
| 19 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-19-42\_n79 | 1 | 0.3 |
| 19 | 0.3 |
| 42 | 0.8 |
| DC\_1-19\_n77-n79 | 1 | 0.3 |
| 19 | 0.3 |
| n77 | 0.8 |
| DC\_1-19\_n78-n79 | 1 | 0.3 |
| 19 | 0.3 |
| n78 | 0.8 |
| DC\_1-20\_n28-n78 | 1 | 0.3 |
| 20 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_1-20-38\_n78 | 1 | 0.3 |
| 20 | 0.6 |
| n78 | 0.8 |
| DC\_1-21-28\_n77 | 1 | 0.6 |
| 21 | 0.4 |
| 28 | 0.6 |
| n77 | 0.8 |
| DC\_1-21-28\_n78 | 1 | 0.3 |
| 21 | 0.4 |
| 28 | 0.6 |
| n78 | 0.8 |
| DC\_1-21-28\_n79 | 1 | 0.3 |
| 21 | 0.4 |
| 28 | 0.6 |
| DC\_1-21-42\_n77 | 1 | 0.6 |
| 21 | 0.4 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-21-42\_n78 | 1 | 0.3 |
| 21 | 0.4 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-21-42\_n79 | 1 | 0.3 |
| 21 | 0.4 |
| 42 | 0.8 |
| DC\_1-21\_n77-n79 | 1 | 0.3 |
| 21 | 0.3 |
| n77 | 0.8 |
| DC\_1-21\_n78-n79 | 1 | 0.3 |
| 21 | 0.3 |
| n78 | 0.8 |
| DC\_1-28\_n3-n78 | 1 | 0.6 |
| 28 | 0.6 |
| n3 | 0.6 |
| n78 | 0.8 |
| DC\_1-28-42\_n77 | 1 | 0.6 |
| 28 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-28-42\_n78 | 1 | 0.3 |
| 28 | 0.6 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-28-42\_n79 | 1 | 0.3 |
| 28 | 0.6 |
| 42 | 0.8 |
| DC\_1-41-42\_n77 | 1 | 0.5 |
| 41 | 0.5 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-41-42\_n78 | 1 | 0.5 |
| 41 | 0.5 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_1-41-42\_n79 | 1 | 0.5 |
| 41 | 0.5 |
| 42 | 0.8 |
| DC\_1-42\_n77-n79 | 1 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_1-42\_n78-n79 | 1 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_2-5-48\_n12 | 2 | 0.6 |
| 5 | 0.8 |
| 48 | 0.8 |
| n12 | 0.4 |
| DC\_2-5-48\_n71 | 2 | 0.6 |
| 5 | 0.5 |
| 48 | 0.8 |
| n71 | 0.5 |
| DC\_2-5-66\_n12 | 2 | 0.3 |
| 5 | 0.5 |
| 66 | 0.5 |
| n12 | 0.3 |
| DC\_2-5-66\_n66  DC\_2-5-5-66\_n66  DC\_2-5-66-66\_n66  DC\_2-2-5-66-66\_n66  DC\_2-5-5-66-66\_n66 | 2 | 0.5 |
| 5 | 0.3 |
| 66 | 0.5 |
| n66 | 0.5 |
| DC\_2-5-66\_n71 | 2 | 0.5 |
| 5 | 0.5 |
| 66 | 0.5 |
| n71 | 0.5 |
| DC\_2-7\_n38-n78 DC\_2-7-7\_n38-n78 | 2 | 0.6 |
| n78 | 0.8 |
| DC\_2-7-13\_n66 | 2 | 0.5 |
| 7 | 0.5 |
| 13 | 0.3 |
| n66 | 0.5 |
| DC\_2-7-66\_n38 DC\_2-2-7-66\_n38 | 2 | 0.5 |
| 66 | 0.5 |
| DC\_2-7-66\_n66, DC\_2-7-7-66\_n66 | 2 | 0.5 |
| 7 | 0.5 |
| 66 | 0.5 |
| n66 |
| DC\_2-7-66\_n71 | 2 | 0.5 |
| 7 | 0.5 |
| 66 | 0.5 |
| n71 | 0.3 |
| DC\_2-7-66\_n78 | 2 | 0.6 |
| 7 | 0.5 |
| 66 | 0.6 |
| n78 | 0.8 |
| DC\_2-12-30\_n2 | 2 | 0.5 |
| 12 | 0.3 |
| 30 | 0.3 |
| n2 | 0.5 |
| DC\_2-12-30\_n66 | 2 | 0.5 |
| 12 | 0.8 |
| 30 | 0.3 |
| n66 | 0.5 |
| DC\_2-12-48\_n5 | 2 | 0.6 |
| 12 | 0.4 |
| 48 | 0.8 |
| n5 | 0.8 |
| DC\_2-12-66\_n5 | 2 | 0.5 |
| 12 | 0.8 |
| 66 | 0.5 |
| n5 | 0.8 |
| DC\_2-12-66\_n2 | 2 | 0.5 |
| 12 | 0.3 |
| 66 | 0.5 |
| n2 | 0.5 |
| DC\_2-12-66\_n66 | 2 | 0.5 |
| 12 | 0.8 |
| 66 | 0.5 |
| n66 | 0.5 |
| DC\_2-13-66\_n5 | 2 | 0.5 |
| 13 | 0.3 |
| 66 | 0.5 |
| n5 | 0.3 |
| DC\_2-13-66\_n48 | 2 | 0.6 |
| 13 | 0.3 |
| 66 | 0.6 |
| n48 | 0.8 |
| DC\_2-13-66\_n66 | 2 | 0.5 |
| 13 | 0.3 |
| 66 | 0.5 |
| n66 |
| DC\_2-30-66\_n5 | 2 | 0.5 |
| 30 | 0.3 |
| 66 | 0.5 |
| n5 | 0.3 |
| DC\_2-30-66\_n66 | 2 | 0.5 |
| 30 | 0.3 |
| 66 | 0.5 |
| n66 | 0.5 |
| DC\_2-46-48\_n5 | 2 | 0.6 |
| 48 | 0.8 |
| n5 | 0.3 |
| DC\_2-46-48\_n66 | 2 | 0.6 |
| 48 | 0.8 |
| n66 | 0.6 |
| DC\_2-46-66\_n41 | 2 | 0.5 |
| 66 | 0.5 |
| n41 | 0.81 |
| 1.32 |
| DC\_2-46-66\_n71 | 66 | 0.3 |
| n71 | 0.3 |
| DC\_2-48-66\_n5 | 2 | 0.6 |
| 48 | 0.8 |
| 66 | 0.6 |
| DC\_2-48-66\_n12 | 2 | 0.6 |
| 48 | 0.8 |
| 66 | 0.6 |
| n12 | 0.3 |
| DC\_2-48-66\_n71 | 2 | 0.6 |
| 48 | 0.8 |
| 66 | 0.6 |
| n71 | 0.3 |
| DC\_2-66-71\_n38 DC\_2-2-66-71\_n38 | 2 | 0.5 |
| 66 | 0.5 |
| 71 | 0.3 |
| n38 | 0.5 |
| DC\_2-66-71\_n66 | 2 | 0.5 |
| 66 | 0.5 |
| 71 | 0.3 |
| n66 | 0.5 |
| DC\_2-66-71\_n78 DC\_2-2-66-71\_n78 | 2 | 0.5 |
| 66 | 0.5 |
| 71 | 0.3 |
| n78 | 0.5 |
| DC\_2-66-(n)71 | 2 | 0.5 |
| 66 | 0.5 |
| 71 | 0.3 |
| n71 |
| DC\_2-66\_n41-n71 | 2 | 0.5 |
| 66 | 0.5 |
| n41 | 0.81 |
| 1.32 |
| n71 | 0.8 |
| DC\_3-5-7\_n78, DC\_3-5-7-7\_n78 | 3 | 0.6 |
| 5 | 0.6 |
| 7 | 0.6 |
| n78 | 0.8 |
| DC\_3-5-41\_n79 | 3 | 0.5 |
| 5 | 0.33 |
| 41 | 0.31/0.82 |
| DC\_3-7\_n1-n78 | 3 | 0.7 |
| 7 | 0.7 |
| n1 | 0.7 |
| n78 | 0.8 |
| DC\_3-7-8\_n1  DC\_3-3-7-8\_n1  DC\_3-7-7-8\_n1  DC\_3-3-7-7-8\_n1 | 3 | 0.6 |
| 7 | 0.6 |
| 8 | 0.6 |
| n1 | 0.6 |
| DC\_3-7-8\_n78  DC\_3-3-7-8\_n78  DC\_3-7-7-8\_n78  DC\_3-3-7-7-8\_n78 | 3 | 0.6 |
| 7 | 0.6 |
| 8 | 0.6 |
| n78 | 0.8 |
| DC\_3-7-20\_n1 | 3 | 0.6 |
| 7 | 0.6 |
| 20 | 0.3 |
| n1 | 0.6 |
| DC\_3-7-20\_n28 | 3 | 0.5 |
| 7 | 0.5 |
| 20 | 0.6 |
| n28 | 0.5 |
| DC\_3-7-20\_n78 | 3 | 0.6 |
| 7 | 0.6 |
| 20 | 0.3 |
| n78 | 0.8 |
| DC\_3-7-28\_n5 | 3 | 0.5 |
| 7 | 0.5 |
| 28 | 0.4 |
| n5 | 0.4 |
| DC\_3-7-28\_n7 | 3 | 0.5 |
| 7 | 0.5 |
| 28 | 0.3 |
| n7 | 0.5 |
| DC\_3-7-28\_n78 | 3 | 0.6 |
| 7 | 0.6 |
| 28 | 0.6 |
| n78 | 0.8 |
| DC\_3-7\_n28-n78 | 3 | 0.6 |
| 7 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_3-7-40\_n1 | 3 | 0.6 |
| 7 | 0.8 |
| 40 | 0.9 |
| n1 | 0.6 |
| DC\_3-7\_SUL\_n78-n80 | 7 | 0.6 |
| 3, n80 | 0.6 |
| n78 | 0.8 |
| DC\_3-8\_n1-n78 | 3 | 0.6 |
| 8 | 0.6 |
| n1 | 0.6 |
| n78 | 0.8 |
| DC\_3-8-20\_n78 | 3 | 0.6 |
| 8 | 0.6 |
| 20 | 0.6 |
| n78 | 0.8 |
| DC\_3-8-42\_n77 | 3 | 0.6 |
| 8 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_3-8\_SUL\_n78-n80 | 3, n80 | 0.6 |
| 8 | 0.6 |
| n78 | 0.8 |
| DC\_3-18-42\_n77 | 3 | 0.3 |
| 18 | 0.3 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_3-18-42\_n78 | 3 | 0.3 |
| 18 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_3-18-42\_n79 | 3 | 0.6 |
| 18 | 0.3 |
| 42 | 0.8 |
| DC\_3-19-21\_n77 | 3 | 0.8 |
| 19 | 0.3 |
| 21 | 0.9 |
| n77 | 0.8 |
| DC\_3-19-21\_n78 | 3 | 0.8 |
| 19 | 0.3 |
| 21 | 0.9 |
| n78 | 0.8 |
| DC\_3-19-21\_n79 | 3 | 0.8 |
| 19 | 0.3 |
| 21 | 0.9 |
| DC\_3-19-42\_n77 | 3 | 0.6 |
| 19 | 0.3 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_3-19-42\_n78 | 3 | 0.6 |
| 19 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_3-19-42\_n79 | 3 | 0.6 |
| 19 | 0.3 |
| 42 | 0.8 |
| DC\_3-19\_n77-n79 | 3 | 0.6 |
| 19 | 0.3 |
| n77 | 0.8 |
| DC\_3-19\_n78-n79 | 3 | 0.6 |
| 19 | 0.3 |
| n78 | 0.8 |
| DC\_3-20\_n1-n28 | 3 | 0.3 |
| 20 | 0.3 |
| n1 | 0.6 |
| n28 | 0.6 |
| DC\_3-20\_n28-n78 | 3 | 0.6 |
| 20 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_3-20-38\_n78 | 3 | 0.6 |
| 20 | 0.6 |
| n78 | 0.8 |
| DC\_3\_20\_SUL\_n78-n80 | 3, n80 | 0.5 |
| 20 | 0.3 |
| n78 | 0.8 |
| DC\_3-21\_n77-n79 | 3 | 0.8 |
| 21 | 0.9 |
| n77 | 0.8 |
| DC\_3-21\_n78-n79 | 3 | 0.8 |
| 21 | 0.9 |
| n78 | 0.8 |
| DC\_3-28-41\_n78 | 3 | 1 |
| 28 | 0.5 |
| 41 | 0.31/0.82 |
| n78 | 0.8 |
| DC\_3-28-42\_n77 | 3 | 0.6 |
| 28 | 0.5 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_3-28-42\_n78 | 3 | 0.6 |
| 28 | 0.5 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_3-28-42\_n79 | 3 | 0.6 |
| 28 | 0.5 |
| 42 | 0.8 |
| DC\_3-21-42\_n77 | 3 | 0.8 |
| 21 | 0.9 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_3-21-42\_n78 | 3 | 0.8 |
| 21 | 0.9 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_3-21-42\_n79 | 3 | 0.8 |
| 21 | 0.9 |
| 42 | 0.8 |
| DC\_3-41-42\_n77 | 3 | 1 |
| 41 | 0.31/0.82 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_3-41-42\_n78 | 3 | 1 |
| 41 | 0.31/0.82 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_3-41-42\_n79 | 3 | 1 |
| 41 | 0.31/0.82 |
| 42 | 0.8 |
| DC\_3-42\_n77-n79 | 3 | 0.6 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_3-42\_n78-n79 | 3 | 0.6 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_5-48-66\_n12 | 5 | 0.8 |
| 48 | 0.8 |
| 66 | 0.6 |
| n12 | 0.4 |
| DC\_5-48-66\_n71 | 5 | 0.5 |
| 48 | 0.8 |
| 66 | 0.6 |
| n71 | 0.5 |
| DC\_7-13-66\_n66 | 7 | 0.5 |
| 13 | 0.3 |
| 66 | 0.5 |
| n66 |
| DC\_7-8\_n1-n78 | 7 | 0.6 |
| 8 | 0.6 |
| n1 | 0.6 |
| n78 | 0.8 |
| DC\_7-20\_n28-n78 | 7 | 0.3 |
| 20 | 0.6 |
| n28 | 0.6 |
| n78 | 0.8 |
| DC\_12-30-66\_n2 | 12 | 0.8 |
| 30 | 0.3 |
| 66 | 0.5 |
| n2 | 0.5 |
| DC\_12-30-66\_n66 | 12 | 0.8 |
| 30 | 0.3 |
| 66 | 0.5 |
| n66 | 0.5 |
| DC\_12-48-66\_n5 | 12 | 0.8 |
| 48 | 0.8 |
| 66 | 0.8 |
| n5 | 0.3 |
| DC\_19-21-42\_n77 | 19 | 0.3 |
| 21 | 0.4 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_19-21-42\_n78 | 19 | 0.3 |
| 21 | 0.4 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_19-21-42\_n79 | 19 | 0.3 |
| 21 | 0.4 |
| 42 | 0.8 |
| DC\_19-21\_n77-n79 | 19 | 0.3 |
| 21 | 0.4 |
| n77 | 0.8 |
| DC\_19-21\_n78-n79 | 19 | 0.3 |
| 21 | 0.4 |
| n78 | 0.8 |
| DC\_19-42\_n77-n79 | 19 | 0.3 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_19-42\_n78-n79 | 19 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_21-28-42\_n77 | 21 | 0.4 |
| 28 | 0.5 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_21-28-42\_n78 | 21 | 0.4 |
| 28 | 0.5 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_21-28-42\_n79 | 21 | 0.4 |
| 28 | 0.5 |
| 42 | 0.8 |
| DC\_21-42\_n77-n79 | 21 | 0.4 |
| 42 | 0.8 |
| n77 | 0.8 |
| DC\_21-42\_n78-n79 | 21 | 0.4 |
| 42 | 0.8 |
| n78 | 0.8 |
| DC\_28-41-42\_n78 | 28 | 0.5 |
| 41 | 0.3 |
| 42 | 0.8 |
| n78 | 0.8 |
| NOTE 1: The requirement is applied for UE transmitting on the frequency range of 2545 - 2690 MHz.  NOTE 2: The requirement is applied for UE transmitting on the frequency range of 2496 - 2545 MHz.  NOTE 3: The values in the table reflect what can be achieved with the present state of the art technology. They shall be reconsidered when the state of the art technology progresses. | | |

---Text omitted---

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

| Inter-band EN-DC configuration | E-UTRA or NR Band | ΔRIB,c (dB) |
| --- | --- | --- |
| DC\_1-3-5\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-7\_n28 | n28 | 0.2 |
| DC\_1-3-7\_n78  DC\_1-3-7-7\_n78  DC\_1-3\_n7-n78 | 1 | 0.3 |
| 3 | 0.3 |
| 7 or n7 | 0.3 |
| n78 | 0.5 |
| DC\_1-3-8\_n77 | 1 | 0.2 |
| 3 | 0.2 |
| 8 | 0.2 |
| n77 | 0.5 |
| DC\_1-3-8\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| 8 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-28\_n5 | 28 | 0.2 |
| n5 | 0.2 |
| DC\_1-3-28\_n7 | 28 | 0.2 |
| DC\_1-3-28\_n77 | 1 | 0.2 |
| 3 | 0.2 |
| 28 | 0.2 |
| n77 | 0.5 |
| DC\_1-3-28\_n78  DC\_1-3\_n28-n78 | 1 | 0.2 |
| 3 | 0.2 |
| 28 or n28 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-28\_n79 | 1 | 0.2 |
| 3 | 0.2 |
| 28 | 0.2 |
| DC\_1-3-18\_n77 | 1 | 0.2 |
| 3 | 0.2 |
| n77 | 0.5 |
| DC\_1-3-18\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-19\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-20\_n28 | 20 | 0.2 |
| n28 | 0.2 |
| DC\_1-3-20\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-21\_n77 | 1 | 0.2 |
| 3 | 0.3 |
| 21 | 0.5 |
| n77 | 0.5 |
| DC\_1-3-21\_n78 | 1 | 0.2 |
| 3 | 0.3 |
| 21 | 0.5 |
| n78 | 0.5 |
| DC\_1-3-21\_n79 | 3 | 0.3 |
| 21 | 0.5 |
| DC\_1-3\_n38-n78 | 3 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-41\_n77 | 1 | 0.2 |
| 3 | 0.2 |
| n77 | 0.5 |
| DC\_1-3-41\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| n78 | 0.5 |
| DC\_1-3-41\_n79 | 41 | 01/0.52 |
| DC\_1-3-42\_n77 | 1 | 0.2 |
| 3 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-3-42\_n78 | 1 | 0.2 |
| 3 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-3-42\_n79 | 1 | 0.2 |
| 3 | 0.2 |
| 42 | 0.5 |
| DC\_1-3\_n77-n79 | 1 | 0.2 |
| 3 | 0.2 |
| n77 | 0.5 |
| DC\_1-3\_n78-n79 | 1 | 0.2 |
| 3 | 0.2 |
| n78 | 0.5 |
| DC\_1-3\_SUL\_n78-n80 | 1 | 0.2 |
| 3 | 0.2 |
| n78 | 0.5 |
| DC\_1-5-7\_n78  DC\_1-5-7-7\_n78 | 1 | 0.2 |
| 5 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_1-7-8\_n78 | 1 | 0.2 |
| 7 | 0.2 |
| 8 | 0.2 |
| n78 | 0.5 |
| DC\_1-7-20\_n28 | 20 | 0.2 |
| n28 | 0.2 |
| DC\_1-7-20\_n78 | 1 | 0.2 |
| 7 | 0.2 |
| 20 | 0.2 |
| n78 | 0.5 |
| DC\_1-7-28\_n5 | 28 | 0.2 |
| n5 | 0.2 |
| DC\_1-7-28\_n7 | 28 | 0.2 |
| DC\_1-7-28\_n78 | 1 | 0.2 |
| 7 | 0.2 |
| 28 | 0.2 |
| n78 | 0.5 |
| DC\_1-7\_n28-n78 | 1 | 0.2 |
| 7 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_1-8\_n3-n28 | 8 | 0.2 |
| n28 | 0.2 |
| DC\_1-8-11\_n77 | 1 | 0.2 |
| 8 | 0.2 |
| n77 | 0.5 |
| DC\_1-8-11\_n78 | 8 | 0.2 |
| n78 | 0.5 |
| DC\_1-8-20\_n78 | 8 | 0.2 |
| n78 | 0.5 |
| DC\_1-8-42\_n77 | 1 | 0.2 |
| 8 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-18-28\_n77 | n77 | 0.5 |
| DC\_1-18-28\_n78 | n78 | 0.5 |
| DC\_1-18-42\_n77 | 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-18-42\_n78 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-18-42\_n79 | 42 | 0.5 |
| DC\_1-19-42\_n77 | 1 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-19-42\_n78 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-19-42\_n79 | 42 | 0.5 |
| DC\_1-19\_n77-n79 | 1 | 0.3 |
| 19 | 0.3 |
| n77 | 0.5 |
| DC\_1-19\_n78-n79 | 1 | 0.3 |
| 19 | 0.3 |
| n78 | 0.5 |
| DC\_1-20\_n28-n78 | 1 | 0.0 |
| 20 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_1-20-38\_n78 | 38 | 0.4 |
| n78 | 0.5 |
| DC\_1-21-42\_n77 | 1 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-21-42\_n78 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-21-42\_n79 | 42 | 0.5 |
| DC\_1-21\_n77-n79 | n77 | 0.5 |
| DC\_1-21\_n78-n79 | n78 | 0.5 |
| DC\_1-28\_n3-n78 | 1 | 0.2 |
| 28 | 0.2 |
| n3 | 0.2 |
| n78 | 0.5 |
| DC\_1-28-42\_n77 | 1 | 0.2 |
| 28 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-28-42\_n78 | 28 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-28-42\_n79 | 28 | 0.2 |
| 42 | 0.5 |
| DC\_1-41-42\_n77 | 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-41-42\_n78 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_1-41-42\_n79 | 42 | 0.5 |
| DC\_1-41-42\_n79 | 42 | 0.5 |
| DC\_1-42\_n77-n79 | 1 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_1-42\_n78-n79 | 1 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_2-5-48\_n12 | 2 | 0.2 |
| 5 | 0.5 |
| 48 | 0.5 |
| n12 | 0.3 |
| DC\_2-5-48\_n71 | 2 | 0.2 |
| 48 | 0.5 |
| DC\_2-5-66\_n12 | 2 | 0.2 |
| 5 | 0.5 |
| 66 | 0.5 |
| n12 | 0.3 |
| DC\_2-5-66\_n66 | 2 | 0.3 |
| 66 | 0.3 |
| n66 | 0.3 |
| DC\_2-5-66\_n71 | 2 | 0.3 |
| 66 | 0.3 |
| DC\_2-7-13\_n66 | 2 | 0.3 |
| 7 | 0.5 |
| n66 | 0.5 |
| DC\_2-7\_n38-n78 DC\_2-7-7\_n38-n78 | 2 | 0.2 |
| n78 | 0.5 |
| DC\_2-7-66\_n38  DC\_2-2-7-66\_n38 | 2 | 0.3 |
| 7 | 0.5 |
| 66 | 0.5 |
| n38 | 0.5 |
| DC\_2-7-66\_n66, DC\_2-7-7-66\_n66 | 2 | 0.3 |
| 7 | 0.5 |
| 66 | 0.5 |
| n66 |
| DC\_2-7-66\_n71 | 2 | 0.3 |
| 7 | 0.5 |
| 66 | 0.5 |
| DC\_2-7-66\_n78 | 2 | 0.3 |
| 66 | 0.3 |
| n78 | 0.5 |
| DC\_2-12-30\_n2 | 2 | 0.4 |
| 30 | 0.5 |
| n2 | 0.4 |
| DC\_2-12-30\_n66 | 2 | 0.4 |
| 12 | 0.5 |
| 30 | 0.5 |
| n66 | 0.4 |
| DC\_2-12-48\_n5 | 2 | 0.3 |
| 12 | 0.3 |
| 48 | 0.5 |
| n5 | 0.5 |
| DC\_2-12-66\_n5 | 2 | 0.3 |
| 12 | 0.5 |
| 66 | 0.5 |
| n5 | 0.3 |
| DC\_2-12-66\_n2 | 2 | 0.3 |
| 12 | 0.5 |
| 66 | 0.3 |
| n2 | 0.3 |
| DC\_2-12-66\_n66 | 2 | 0.3 |
| 12 | 0.5 |
| 66 | 0.3 |
| n66 | 0.3 |
| DC\_2-13-66\_n5 | 2 | 0.3 |
| 66 | 0.3 |
| DC\_2-13-66\_n48 | 2 | 0.3 |
| 66 | 0.3 |
| n48 | 0.5 |
| DC\_2-13-66\_n66 | 2 | 0.3 |
| 66 | 0.3 |
| n66 |
| DC\_2-30-66\_n5 | 2 | 0.4 |
| 30 | 0.5 |
| 66 | 0.4 |
| DC\_2-30-66\_n66 | 2 | 0.4 |
| 30 | 0.5 |
| 66 | 0.4 |
| n66 | 0.4 |
| DC\_2-46-48\_n5 | 2 | 0.2 |
| 48 | 0.5 |
| DC\_2-46-48\_n66 | 2 | 0.3 |
| 48 | 0.5 |
| n66 | 0.3 |
| DC\_2-46-66\_n41 | 2 | 0.3 |
| 66 | 0.5 |
| n41 | 0.51 |
| 12 |
| DC\_2-48-66\_n5 | 2 | 0.3 |
| 48 | 0.5 |
| 66 | 0.3 |
| DC\_2-48-66\_n12 | 2 | 0.3 |
| 48 | 0.5 |
| 66 | 0.3 |
| DC\_2-48-66\_n71 | 2 | 0.3 |
| 48 | 0.5 |
| 66 | 0.3 |
| DC\_2-66-71\_n38  DC\_2-2-66-71\_n38 | 2 | 0.3 |
| 66 | 0.5 |
| n38 | 0.5 |
| DC\_2-66-71\_n66 | 2 | 0.3 |
| 66 | 0.3 |
| n66 | 0.3 |
| DC\_2-66-71\_n78 DC\_2-2-66-71\_n78 | 2 | 0.3 |
| 66 | 0.5 |
| n78 | 0.5 |
| DC\_2-66-(n)71 | 2 | 0.3 |
| 66 | 0.3 |
| DC\_2-66\_n41-n71 | 2 | 0.3 |
| 66 | 0.3 |
| n41 | 0.51 |
| 12 |
| n71 | 0.5 |
| DC\_3-5-7\_n78  DC\_3-5-7-7\_n78 | 3 | 0.2 |
| 5 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_3-5-41\_n79 | 41 | 01/0.52 |
| DC\_3-7\_n1-n78 | 3 | 0.3 |
| 7 | 0.3 |
| n1 | 0.3 |
| n78 | 0.5 |
| DC\_3-7-7\_n78 | 3 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_3-7-8\_n1  DC\_3-3-7-8\_n1  DC\_3-7-7-8\_n1  DC\_3-3-7-7-8\_n1 | 8 | 0.2 |
| DC\_3-7-8\_n78  DC\_3-3-7-8\_n78  DC\_3-7-7-8\_n78  DC\_3-3-7-7-8\_n78 | 3 | 0.2 |
| 7 | 0.2 |
| 8 | 0.2 |
| n78 | 0.5 |
| DC\_3-7-20\_n28 | 20 | 0.2 |
| n28 | 0.1 |
| DC\_3-7-20\_n78 | 3 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_3-7-28\_n78  DC\_3-7\_n28-n78 | 3 | 0.2 |
| 7 | 0.2 |
| 28 or n28 | 0.2 |
| n78 | 0.5 |
| DC\_3-7-40\_n1 | 7 | 0.3 |
| 40 | 0.8 |
| DC\_3-7\_SUL\_n78-n80 | 7 | 0.2 |
| 3 | 0.2 |
| n78 | 0.5 |
| DC\_3-8\_n1-n78 | 3 | 0.2 |
| 8 | 0.2 |
| n1 | 0.2 |
| n78 | 0.5 |
| DC\_3-8-20\_n78 | 3 | 0.2 |
| 8 | 0.2 |
| n78 | 0.5 |
| DC\_3-8-42\_n77 | 3 | 0.2 |
| 8 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_3-8\_SUL\_n78-n80 | 3 | 0.2 |
| 8 | 0.2 |
| n78 | 0.5 |
| DC\_3-18-42\_n77 | 42 | 0.5 |
| n77 | 0.5 |
| DC\_3-18-42\_n78 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_3-18-42\_n79 | 3 | 0.2 |
| 42 | 0.5 |
| DC\_3-19-21\_n77 | 3 | 0.3 |
| 21 | 0.5 |
| n77 | 0.5 |
| DC\_3-19-21\_n78 | 3 | 0.3 |
| 21 | 0.5 |
| n78 | 0.5 |
| DC\_3-19-21\_n79 | 3 | 0.3 |
| 21 | 0.5 |
| DC\_3-19-42\_n77 | 3 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_3-19-42\_n78 | 0.2 | 0.2 |
| 0.5 | 0.5 |
| 0.5 | 0.5 |
| DC\_3-19-42\_n79 | 3 | 0.2 |
| 42 | 0.5 |
| DC\_3-19\_n77-n79 | 3 | 0.2 |
| n77 | 0.5 |
| DC\_3-19\_n78-n79 | 3 | 0.2 |
| n78 | 0.5 |
| DC\_3-20\_n1-n28 | n1 | 0.2 |
| n28 | 0.2 |
| DC\_3-20\_n28-n78 | 3 | 0.2 |
| 20 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_3-20-38\_n78 | 3 | 0.2 |
| 38 | 0.4 |
| n78 | 0.5 |
| DC\_3\_20\_SUL\_n78-n80 | 3 | 0.2 |
| n78 | 0.5 |
| DC\_3-21-42\_n77 | 3 | 0.3 |
| 21 | 0.5 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_3-21-42\_n78 | 3 | 0.3 |
| 21 | 0.5 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_3-21-42\_n79 | 3 | 0.3 |
| 21 | 0.5 |
| 42 | 0.5 |
| DC\_3-21\_n77-n79 | 3 | 0.3 |
| 21 | 0.5 |
| n77 | 0.5 |
| DC\_3-21\_n78-n79 | 3 | 0.3 |
| 21 | 0.5 |
| n78 | 0.5 |
| DC\_3-28-41\_n78 | 3 | 0.5 |
| 28 | 0.2 |
| 41 | 0.41/0.52 |
| n78 | 0.5 |
| DC\_3-28-42\_n77 | 3 | 0.2 |
| 28 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_3-28-42\_n78 | 3 | 0.2 |
| 28 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_3-28-42\_n79 | 3 | 0.2 |
| 28 | 0.2 |
| 42 | 0.5 |
| DC\_3-41-42\_n77 | 3 | 0.5 |
| 41 | 01/0.52 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_3-41-42\_n78 | 3 | 0.5 |
| 41 | 01/0.52 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_3-41-42\_n79 | 3 | 0.5 |
| 41 | 01/0.52 |
| 42 | 0.5 |
| DC\_3-42\_n77-n79 | 3 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_3-42\_n78-n79 | 3 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_5-7-7\_n78 | 5 | 0.2 |
| 7 | 0.2 |
| n78 | 0.5 |
| DC\_5-48-66\_n12 | 5 | 0.5 |
| 48 | 0.5 |
| 66 | 0.2 |
| n12 | 0.3 |
| DC\_5-48-66\_n71 | 48 | 0.5 |
| 66 | 0.2 |
| DC\_7-13-66\_n66 | 7 | 0.5 |
| 66 | 0.5 |
| n66 |
| DC\_7-8\_n1-n78 | 7 | 0.2 |
| 8 | 0.2 |
| n1 | 0.2 |
| n78 | 0.5 |
| DC\_7-20\_n28-n78 | 7 | 0.0 |
| 20 | 0.2 |
| n28 | 0.2 |
| n78 | 0.5 |
| DC\_12-30-66\_n2 | 12 | 0.5 |
| 30 | 0.5 |
| 66 | 0.4 |
| n2 | 0.4 |
| DC\_12-30-66\_n66 | 12 | 0.5 |
| 30 | 0.5 |
| 66 | 0.4 |
| n66 | 0.4 |
| DC\_12-48-66\_n5 | 2 | 0.5 |
| 48 | 0.5 |
| 66 | 0.5 |
| DC\_1-18\_n3-n78 | 1 | 0.2 |
| n3 | 0.2 |
| n78 | 0.5 |
| DC\_19-21-42\_n77 | 42 | 0.5 |
| n77 | 0.5 |
| DC\_19-21-42\_n78 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_19-21-42\_n79 | 42 | 0.5 |
| DC\_19-21\_n77-n79 | n77 | 0.5 |
| DC\_19-21\_n78-n79 | n78 | 0.5 |
| DC\_19-42\_n77-n79 | 42 | 0.5 |
| n77 | 0.5 |
| DC\_19-42\_n78-n79 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_21-28-42\_n77 | 28 | 0.2 |
| 42 | 0.5 |
| n77 | 0.5 |
| DC\_21-28-42\_n78 | 28 | 0.2 |
| 42 | 0.5 |
| n78 | 0.5 |
| DC\_21-28-42\_n79 | 28 | 0.2 |
| 42 | 0.5 |
| DC\_21-42\_n77-n79 | 42 | 0.5 |
| n77 | 0.5 |
| DC\_21-42\_n78-n79 | 42 | 0.5 |
| n78 | 0.5 |
| DC\_28-41-42\_n78 | 28 | 0.2 |
| 41 | 0.4 |
| 42 | 0.5 |
| n78 | 0.5 |
| 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. | | |

---End of changes---