**3GPP TSG-RAN WG4 Meeting # 111 *R4-2409501r1***

**Fukuoka City, Fukuoka, Japan, May 20 – 24, 2024**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-3** | **CR** | **<CR#>** | **rev** | **-** | **Current version:** | **18.5.1** |  |
|  | | | | | | | | |
| *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:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | ZTE Corporation, Sanechips | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | DC\_R18\_xBLTE\_1BNR\_yDL2UL-Core | | | | |  | ***Date:*** | | | 2024-05-01 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-18 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Introduce the following band combination.   * DC\_1A-3A-7A-20A-28A\_n78A   Note that the fallback band combinations have already been supported in the current spec. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Introduce the inter-band EN-DC configuration within FR1 for DC\_1A-3A-7A-20A-28A\_n78A. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The mentioned new configuration for six-band EN-DC will not be supported in Rel-18. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5B.4.5, 6.2B.4.2.3.5, 7.3B.3.3.5 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **X** |  | Test specifications | | | | TS/TR ... CR ... 38.521-3 | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

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

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

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

|  |  |
| --- | --- |
| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) |
| DC\_1A-3A-5A-7A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_5A\_n28A  DC\_5A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A |
| DC\_1A-3A-5A-7A\_n40A-n77A | DC\_1A\_n40A  DC\_1A\_n77A  DC\_3A\_n40A  DC\_3A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_1A-3A-5A-7A\_n40A-n77(2A) | DC\_1A\_n40A  DC\_1A\_n77A  DC\_3A\_n40A  DC\_3A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_1A-3A-5A-7A-7A\_n40A-n77A | DC\_1A\_n40A  DC\_1A\_n77A  DC\_3A\_n40A  DC\_3A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_1A-3A-5A-7A-7A\_n40A-n77(2A) | DC\_1A\_n40A  DC\_1A\_n77A  DC\_3A\_n40A  DC\_3A\_n77A  DC\_5A\_n40A  DC\_5A\_n77A  DC\_7A\_n40A  DC\_7A\_n77A |
| DC\_1A-3A-5A-7A\_n40A-n78A  DC\_1A-3A-5A-7A\_n40A-n78C | DC\_1A\_n40A  DC\_1A\_n78A  DC\_3A\_n40A  DC\_3A\_n78A  DC\_5A\_n40A  DC\_5A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A |
| DC\_1A-3A-5A-7A-7A\_n40A-n78A  DC\_1A-3A-5A-7A-7A\_n40A-n78C | DC\_1A\_n40A  DC\_1A\_n78A  DC\_3A\_n40A  DC\_3A\_n78A  DC\_5A\_n40A  DC\_5A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A |
| DC\_1A-3A-7A-8A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_1A-3A-7A-8A-32A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_1A-3A-7A-8A-40A\_n78A  DC\_1A-3A-7A-8A-40C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-7A-8A-40A\_n78(2A)  DC\_1A-3A-7A-8A-40C\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-7A-20A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A |
| DC\_1A-3A-7A-20A-28A\_n78A2,3,6,7 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-7A-20A\_n28A-n78A2,3,6,7 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_1A-3A-7A-20A-32A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-7A-20A-38A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-7A-20A\_n38A-n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-7A-28A\_n3A-n78A | DC\_1A\_n3A DC\_3A\_n3A4 DC\_7A\_n3A DC\_28A\_n3A DC\_1A\_n78A DC\_3A\_n78A DC\_7A\_n78A DC\_28A\_n78A |
| DC\_1A-3A-7C-28A\_n3A-n78A | DC\_1A\_n3A DC\_3A\_n3A4 DC\_7A\_n3A  DC\_7C\_n3A DC\_28A\_n3A DC\_1A\_n78A DC\_3A\_n78A DC\_7A\_n78A  DC\_7C\_n78A DC\_28A\_n78A |
| DC\_1A-3A-7A-28A\_n5A-n40A | DC\_1A\_n5A  DC\_1A\_n40A  DC\_3A\_n5A  DC\_3A\_n40A  DC\_7A\_n5A  DC\_7A\_n40A  DC\_28A\_n5A  DC\_28A\_n40A |
| DC\_1A-3A-7A-28A\_n5A-n78A  DC\_1A-3A-7C-28A\_n5A-n78A  DC\_1A-3C-7A-28A\_n5A-n78A  DC\_1A-3C-7C-28A\_n5A-n78A | DC\_1A\_n5A  DC\_1A\_n78A  DC\_3A\_n5A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_1A-3A-7A-28A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_1A-3C-7A-28A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-7A-28A\_n38A-n78A | DC\_1A\_n78A8  DC\_3A\_n78A8  DC\_28A\_n78A8 |
| DC\_1A-3A-7A-28A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_3A\_n40A  DC\_3A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_1A-3A-7A\_n40A-n78A-n105A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_1A\_n105A  DC\_3A\_n40A  DC\_3A\_n78A  DC\_3A\_n105A  DC\_7A\_n40A  DC\_7A\_n78A  DC\_7A\_n105A |
| DC\_1A-3A-8A-11A\_n28A-n77A2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-3A-8A-11A\_n28A-n77(2A) 2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-3A-8A-20A-28A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A  DC\_28A\_n78A |
| DC\_1A-7A-20A-28A-32A\_n3A  DC\_1A-7C-20A-28A-32A\_n3A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_20A\_n3A  DC\_28A\_n3A |
| DC\_1A-7A-20A-38A\_n3A-n78A | DC\_1A\_n3A  DC\_20A\_n3A  DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-8A\_n3A-n28A-n77A-n79A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_1A\_n79A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_1A-8A-11A\_n3A-n28A-n77A2 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n3A-n28A-n77(2A) 2 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-8A-42A\_n3A-n28A-n77A5,6 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_1A-8A-42A\_n3A-n28A-n77(2A)5,6 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_1A-8A-42C\_n3A-n28A-n77A5,6 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-8A-42C\_n3A-n28A-n77(2A)5,6 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_2A-5A-7A-66A\_n2A-n66A | DC\_2A\_n2A4  DC\_2A\_n66A  DC\_5A\_n2A  DC\_5A\_n66A  DC\_7A\_n2A  DC\_7A\_n66A  DC\_66A\_n2A  DC\_66A\_n66A4 |
| DC\_2A-5A-7A-66A\_n2A-n77A | DC\_2A\_n2A4  DC\_2A\_n77A  DC\_5A\_n2A  DC\_5A\_n77A  DC\_7A\_n2A  DC\_7A\_n77A  DC\_66A\_n2A  DC\_66A\_n77A |
| DC\_2A-5A-7A-66A\_n2A-n78A | DC\_2A\_n2A4  DC\_2A\_n78A  DC\_5A\_n2A  DC\_5A\_n78A  DC\_7A\_n2A  DC\_7A\_n78A  DC\_66A\_n2A  DC\_66A\_n78A |
| DC\_2A-7A-12A-66A\_n2A-n66A | DC\_2A\_n2A4  DC\_2A\_n66A  DC\_7A\_n2A  DC\_7A\_n66A  DC\_12A\_n2A  DC\_12A\_n66A  DC\_66A\_n2A  DC\_66A\_n66A4 |
| DC\_2A-7A-12A-66A\_n2A-n77A | DC\_2A\_n2A4  DC\_2A\_n77A  DC\_7A\_n2A  DC\_7A\_n77A  DC\_12A\_n2A  DC\_12A\_n77A  DC\_66A\_n2A  DC\_66A\_n77A |
| DC\_2A-5A-7A-66A\_n66A-n77A | DC\_2A\_n66A  DC\_2A\_n77A  DC\_5A\_n66A  DC\_5A\_n77A  DC\_7A\_n66A  DC\_7A\_n77A  DC\_66A\_n66A4  DC\_66A\_n77A |
| DC\_2A-7A-12A-66A\_n2A-n78A | DC\_2A\_n2A4  DC\_2A\_n78A  DC\_7A\_n2A  DC\_7A\_n78A  DC\_12A\_n2A  DC\_12A\_n78A  DC\_66A\_n2A  DC\_66A\_n78A |
| DC\_2A-7A-66A-71A\_n2A-n66A | DC\_2A\_n2A4  DC\_2A\_n66A  DC\_7A\_n2A  DC\_7A\_n66A  DC\_66A\_n2A  DC\_66A\_n66A4  DC\_71A\_n2A  DC\_71A\_n66A |
| DC\_2A-7A-66A-71A\_n2A-n77A | DC\_2A\_n2A4  DC\_2A\_n77A  DC\_7A\_n2A  DC\_7A\_n77A  DC\_66A\_n2A  DC\_66A\_n77A  DC\_71A\_n2A  DC\_71A\_n77A |
| DC\_2A-7A-12A-66A\_n66A-n77A | DC\_2A\_n66A  DC\_2A\_n77A  DC\_7A\_n66A  DC\_7A\_n77A  DC\_12A\_n66A  DC\_12A\_n77A  DC\_66A\_n66A4  DC\_66A\_n77A |
| DC\_2A-7A-66A-71A\_n2A-n78A | DC\_2A\_n2A4  DC\_2A\_n78A  DC\_7A\_n2A  DC\_7A\_n78A  DC\_66A\_n2A  DC\_66A\_n78A  DC\_71A\_n2A  DC\_71A\_n78A |
| DC\_2A-7A-66A-71A\_n66A-n77A | DC\_2A\_n66A  DC\_2A\_n77A  DC\_7A\_n66A  DC\_7A\_n77A  DC\_66A\_n66A4  DC\_66A\_n77A  DC\_71A\_n66A  DC\_71A\_n77A |
| DC\_3A-7A-8A-40A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_3A-7A-8A-40C\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_3A-7A-28A\_n1A-n40A-n78A | DC\_3A\_n1A  DC\_3A\_n40A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n40A  DC\_7A\_n78A  DC\_28A\_n1A  DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_7A-8A-20A-32A-38A\_n1A | DC\_8A\_n1A  DC\_20A\_n1A |
| DC\_7A-20A-28A-32A-38A\_n1A | DC\_20A\_n1A  DC\_28A\_n1A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability.  NOTE 3: The frequency range in band 28/n28 is restricted for this band combination to 703-733 MHz for the UL and 758-788 MHz for the DL.  NOTE 4: Only single switched UL is supported.  NOTE 5: For UEs not indicating interBandMRDC-WithOverlapDL-Bands-r16, the minimum requirements for intra-band non-contiguous EN-DC apply for the Band 42 and Band n77/n78 combination. For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, when UE capability *interBandContiguousMRDC* is indicated, the minimum requirements for intra-band-contiguous EN-DC also should be met in addtion to intra-band non-contiguous EN-DC*.*  NOTE 6: For UEs not indicating interBandMRDC-WithOverlapDL-Bands-r16, the minimum requirements for inter-band EN-DC apply when the maximum power spectral density imbalance between downlink carriers contained in overlapping or partially overlapping DL bands is within 6 dB.  NOTE 7: For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, the minimum requirements apply for synchronized DL carriers with a maximum receive time difference ≤ 3 usec between overlapping or partially overlapping DL bands contained in different cell groups.  NOTE 8: Band 7 and Band 38 are restricted as DL Scell. Power imbalance between downlink carriers on Band 7 and Band 38 is assumed to be within 6dB. | |

### *<< Next changes >>*

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

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Inter-band EN-DC configuration** | ΔTIB,c for E-UTRA band / NR band (dB)3 | | | | | |
| Component band in order of bands in configuration4 | | | | | |
| DC\_1-3-5-7\_n28-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.9 |
| DC\_1-3-5-7\_n40-n77  DC\_1-3-5-7-7\_n40-n77 | 0.6 | 0.6 | 0.6 | 0.5 | 0.31 | 0.81 |
| DC\_1-3-5-7\_n40-n78  DC\_1-3-5-7-7\_n40-n78 | 0.6 | 0.6 | 0.6 | 0.5 | 0.31 | 0.81 |
| DC\_1-3-7-8\_n28-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-7-8-32\_n78 | 0.6 | 0.6 | 0.6 | 0.6 | N/A | 0.8 |
| DC\_1-3-7-8-40\_n78 | 0.6 | 0.6 | 0.5 | 0.6 | 0.31 | 0.81 |
| DC\_1-3-7-20\_n8-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-7-20-28\_n78 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-7-20\_n28-n78 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-7-20-32\_n78 | 0.7 | 0.7 | 0.7 | 0.4 | N/A | 0.8 |
| DC\_1-3-7-20-38\_n78 | 0.7 | 0.7 | N/A | 0.6 | N/A | 0.8 |
| DC\_1-3-7-20\_n38-n78 | 0.6 | 0.6 | N/A | 0.6 | N/A | 0.8 |
| DC\_1-3-7-28\_n3-n78 | 0.7 | 0.7 | 0.7 | 0.6 | 0.7 | 0.8 |
| DC\_1-3-7-28\_n5-n40 | 0.6 | 0.6 | 0.8 | 0.6 | 0.6 | 0.9 |
| DC\_1-3-7-28\_n7-n78 | 0.7 | 0.7 | 0.7 | 0.6 | 0.7 | 0.8 |
| DC\_1-3-7-28\_n40-n78 | 0.6 | 0.6 | 0.8 | 0.3 | 0.9 | 0.8 |
| DC\_1-3-7-28\_n38-n78 | 0.7 | 0.7 | 0.7 | 0.6 | 0.7 | 0.8 |
| DC\_1-3-7\_n40-n78-n105 | 0.7 | 0.7 | 0.7 | 0.6 | 0.8 | 0.6 |
| DC\_1-3-8-11\_n28-n77 | 0.6 | 0.8 | 0.6 | 0.9 | 0.6 | 0.8 |
| DC\_1-3-8-20-28\_n78 | 0.3 | 0.3 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-7-20-28-32\_n3 | 0.6 | 0.6 | 0.6 | 0.6 | N/A | 0.6 |
| DC\_1-7-20-38\_n3-n78 | 0.6 | 0.7 | 0.6 | 0.5 | 0.6 | 0.8 |
| DC\_1-8\_n3-n28-n77-n79 | 0.6 | 0.6 | 0.8 | 0.6 | 0.8 | 0.8 |
| DC\_1-8-11\_n3-n28-n77 | 0.6 | 0.6 | 0.8 | 0.9 | 0.6 | - |
| DC\_1-8-42\_n3-n28-n77 | 0.6 | 0.6 | 0.8 | 0.8 | - | 0.8 |
| DC\_2-5-7-66\_n2-n66 | 0.5 | 0.3 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_2-5-7-66\_n2-n77 | 0.5 | 0.3 | 0.5 | 0.5 | 0.5 | 0.8 |
| DC\_2-5-7-66\_n2-n78 | 0.5 | 0.3 | 0.5 | 0.5 | 0.5 | 0.8 |
| DC\_2-7-12-66\_n2-n66 | 0.5 | 0.5 | 0.8 | 0.5 | 0.5 | 0.5 |
| DC\_2-7-12-66\_n2-n77 | 0.6 | 0.6 | 0.8 | 0.5 | 0.5 | 0.8 |
| DC\_2-5-7-66\_n66-n77 | 0.5 | 0.3 | 0.5 | 0.5 | 0.5 | 0.8 |
| DC\_2-7-12-66\_n2-n78 | 0.6 | 0.6 | 0.8 | 0.5 | 0.5 | 0.8 |
| DC\_2-7-66-71\_n2-n66 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.5 |
| DC\_2-7-66-71\_n2-n77 | 0.5 | 0.5 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_2-7-12-66\_n66-n77 | 0.6 | 0.6 | 0.8 | 0.5 | 0.5 | 0.8 |
| DC\_2-7-66-71\_n2-n78 | 0.5 | 0.5 | 0.5 | 0.3 | 0.5 | 0.8 |
| DC\_2-7-66-71\_n66-n77 | 0.5 | 0.5 | 0.5 | 0.6 | 0.5 | 0.8 |
| DC\_3-7-8-40\_n1-n78 | 0.6 | 0.5 | 0.6 | 0.32 | 0.6 | 0.82 |
| DC\_3-7-28\_n1-n40-n78 | 0.6 | 0.8 | 0.8 | 0.6 | 0.9 | 0.8 |
| DC\_7-8-20-32-38\_n1 | N/A | 0.6 | 0.6 | N/A | N/A | 0.7 |
| DC\_7-20-28-32-38\_n1 | N/A | 0.6 | 0.6 | N/A | N/A | 0.7 |
| NOTE 1: Only applicable for UE supporting inter-band carrier aggregation with uplink in one NR band and without simultaneous Rx/Tx.  NOTE 2: Only applicable for UE supporting inter-band carrier aggregation with uplink in one E-UTRA band and without simultaneous Rx/Tx.  NOTE 3: “-” denotes ΔTIB,c = 0.  NOTE 4: The component band order in the configuration should be listed by the order of E-UTRA band and NR band respectively. | | | | | | |

### *<< Next changes >>*

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

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Inter-band EN-DC configuration** | **ΔRIB,c for E-UTRA band / NR band (dB)3** | | | | | |
| **Component band in order of bands in configuration4** | | | | | |
| DC\_1A-3-5-7\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.8 |
| DC\_1-3-5-7\_n40-n77  DC\_1-3-5-7-7\_n40-n77 | 0.2 | 0.2 | 0.2 | - | 0.41 | 0.51 |
| DC\_1-3-5-7\_n40-n78  DC\_1-3-5-7-7\_n40-n78 | 0.2 | 0.2 | 0.2 | - | 0.41 | 0.51 |
| DC\_1-3-7-8\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-8-32\_n78 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-7-8-40\_n78 | 0.2 | 0.2 | - | 0.2 | 0.41 | 0.51 |
| DC\_1-3-7-20\_n8-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-20-28\_n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-20\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-20-32\_n78 | 0.2 | - | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-7-20-38\_n78 | 0.7 | 0.7 | - | 0.6 | - | 0.8 |
| DC\_1-3-7-20\_n38-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-28\_n3-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-28\_n5-n40 | - | - | 0.3 | 0.2 | 0.2 | 0.8 |
| DC\_1-3-7-28\_n7-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-28\_n38-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-28\_n40-n78 | - | - | 0.3 | 0.2 | 0.8 | 0.5 |
| DC\_1-3-7\_n40-n78-n105 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 | 0.2 |
| DC\_1-3-8-11\_n28-n77 | 0.2 | 0.3 | 0.2 | 0.5 | 0.2 | 0.5 |
| DC\_1-3-8-20-28\_n78 | - | - | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-7-20-28-32\_n3 | - | - | 0.2 | 0.2 | - | - |
| DC\_1-7-20-38\_n3-n78 | 0.6 | 0.6 | 0.2 | 0.4 | - | 0.8 |
| DC\_1-8\_n3-n28-n77-n79 | 0.3 | 0.3 | 0.2 | 0.5 | 0.5 | 0.5 |
| DC\_1-8-11\_n3-n28-n77 | 0.2 | 0.2 | 0.3 | 0.5 | 0.2 | 0.5 |
| DC\_1-8-42\_n3-n28-n77 | 0.2 | 0.2 | 0.5 | 0.2 | 0.5 | 0.5 |
| DC\_2-5-7-66\_n2-n66 | 0.3 | - | 0.5 | 0.3 | 0.3 | 0.5 |
| DC\_2-5-7-66\_n2-n77 | 0.3 | - | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-5-7-66\_n2-n78 | 0.3 | - | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-5-7-66\_n2-n66 | 0.3 | - | 0.5 | 0.3 | 0.3 | 0.5 |
| DC\_2-7-12-66\_n2-n77 | 0.3 | 0.3 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-5-7-66\_n66-n77 | 0.3 | - | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-7-12-66\_n2-n78 | 0.3 | 0.3 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-7-66-71\_n2-n66 | 0.,3 | 0.5 | 0.3 | 0.2 | 0.3 | 0.5 |
| DC\_2-7-66-71\_n2-n77 | 0.3 | 0.5 | 0.5 | - | 0.3 | 0.5 |
| DC\_2-7-12-66\_n66-n77 | 0.3 | 0.3 | 0.5 | 0.5 | 0.3 | 0.5 |
| DC\_2-7-66-71\_n2-n78 | 0.3 | 0.5 | 0.5 | - | 0.3 | 0.5 |
| DC\_2-7-66-71\_n66-n77 | 0.3 | 0.5 | 0.5 | 0.2 | 0.5 | 0.5 |
| DC\_3-7-8-40\_n1-n78 | 0.2 | - | 0.2 | 0.42 | 0.2 | 0.52 |
| DC\_3-7-28\_n1-n40-n78 | 0.2 | 0.3 | 0.2 | 0.2 | 0.8 | 0.5 |
| DC\_7-8-20-32-38\_n1 | - | 0.2 | 0.2 | - | - | - |
| DC\_7-20-28-32-38\_n1 | - | 0.2 | 0.2 | - | 0.2 | - |
| NOTE 1: Only applicable for UE supporting inter-band carrier aggregation with uplink in one NR band and without simultaneous Rx/Tx.  NOTE 2: Only applicable for UE supporting inter-band carrier aggregation with uplink in one E-UTRA band and without simultaneous Rx/Tx.  NOTE 3: “-” denotes ΔRIB,c = 0.  NOTE 4: The component band order in the configuration should be listed by the order of E-UTRA band and NR band respectively. | | | | | | |

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