**3GPP TSG-RAN WG4 Meeting #115 *rev* R4-2505546**

**Wuhan, China,** **7th -11th April, 2025**

|  |
| --- |
| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  | **38.101-1** | **CR** |  | **rev** | **-** | **Current version:** | **19.1.0** |  |
|  |
| *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:***  | Draft CR to 38.101-3 to include EN-DC band combinations  |
|  |  |
| ***Source to WG:*** | Huawei, Hisilicon, STC |
| ***Source to TSG:*** | R4 |
|  |  |
| ***Work item code:*** | DC\_R19\_xBLTE\_yBNR\_zDLqUL |  | ***Date:*** | 2025-5-9 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***Release:*** | Rel-19 |
|  | *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 canbe 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:*** | DC band combinations of 4~5 DL bands are requested by operators. Their fallback are either completed or submitted this meeting .1）DC\_1A-3A-8A\_n71A2）DC\_1A-3C-8A\_n71A3）DC\_1A-3A-28A\_n71A4）DC\_1A-3C-28A\_n71A5）DC\_1A-8A-28A\_n71A6）DC\_3A-8A-28A\_n71A7）DC\_3C-8A-28A\_n71A8）DC\_1A-3A-8A-28A\_n71A9）DC\_1A-3C-8A-28A\_n71AFallback status is as follows:DL\_1A-3C\_n71A, DC\_1A-3C\_n71A（already in current spec）DC\_1A-8A\_n71A (R4-2505543)DC\_1A-28A\_n71A（R4-2505545）DC\_3A-8A\_n71A, DC\_3C-8A\_n71A (R4-2505544)DC\_3A-28A\_n71A, DC\_3C-28A\_n71A (R4-2505331)DC\_8A-28A\_n71A（R4-2505200） |
|  |  |
| ***Summary of change:*** | To introduce above DC configurations consist of 4~5 bands. |
|  |  |
| ***Consequences if not approved:*** | The combinations mentioned above are not supported. |
|  |  |
| ***Clauses affected:*** | 5.5B.4.3, 5.5B.4.4, 6.2B.4.2.3.3, 6.2B.4.2.3.4, 7.3B.3.3.3, 7.3B.3.3.4 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **X** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** | **X** |  |  Test specifications | TS 38.521-1 |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

## **<<Start of Change>>**

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

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

| **EN-DC****configuration** | **Uplink EN-DC configuration****(note 1)** |
| --- | --- |
| DC\_1A-3A\_n1A-n41A | DC\_1A\_n1A4DC\_1A\_n41ADC\_3A\_n1ADC\_3A\_n41A |
| DC\_1A-3A-3A\_n1A-n41A | DC\_1A\_n1A4DC\_1A\_n41ADC\_3A\_n1ADC\_3A\_n41A |

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|  |  |
| --- | --- |
| DC\_1A-3A-3A-8A\_n41A | DC\_1A\_n41ADC\_3A\_n41ADC\_8A\_n41A |
| DC\_1A-3A-8A\_n71ADC\_1A-3C-8A\_n71A | DC\_1A\_n71ADC\_3A\_n71ADC\_8A\_n71A |
| DC\_1A-3A-8A\_n77A2,9DC\_1A-3C-8A\_n77A2,9 | DC\_1A\_n77A9DC\_3A\_n77A9DC\_3C\_n77ADC\_8A\_n77A9 |

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|  |  |
| --- | --- |
| DC\_1A-3A\_n28A-n41A2 | DC\_1A\_n28ADC\_1A\_n41ADC\_3A\_n28ADC\_3A\_n41A |
| DC\_1A-3A-28A\_n71ADC\_1A-3C-28A\_n71A | DC\_1A\_n71ADC\_3A\_n71ADC\_28A\_n71A4 |
| DC\_1A-3A\_n28A-n75A | DC\_1A\_n28ADC\_3A\_n28A |

**…**

|  |  |
| --- | --- |
| DC\_1A-8A-28A\_n3A | DC\_1A\_n3ADC\_8A\_n3ADC\_28A\_n3A |
| DC\_1A-8A-28A\_n71A | DC\_1A\_n71ADC\_8A\_n71ADC\_28A\_n71A4 |
| DC\_1A-8A-28A\_n77ADC\_1A-8A-28C\_n77A | DC\_1A\_n77ADC\_8A\_n77ADC\_28A\_n77A |

**…**

|  |  |
| --- | --- |
| DC\_3A-8A-20A\_n78A | DC\_3A\_n78ADC\_8A\_n78ADC\_20A\_n78A |
| DC\_3A-8A-28A\_n71ADC\_3C-8A-28A\_n71A | DC\_3A\_n71ADC\_8A\_n71ADC\_28A\_n71A4 |
| DC\_3A-8A-28A\_n77ADC\_3A-8A-28C\_n77ADC\_3C-8A-28A\_n77ADC\_3C-8A-28C\_n77A | DC\_3A\_n77ADC\_8A\_n77ADC\_28A\_n77A |

**…**

**< Non-changed part is omitted >**

## **<<Next of Change>>**

#### 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\_n28A | DC\_1A\_n28ADC\_3A\_n28ADC\_5A\_n28ADC\_7A\_n28A |
| DC\_1A-(n)3AA-n8A-n77A | DC\_1A\_n3ADC\_1A\_n8ADC\_1A\_n77ADC\_(n)3AA3DC\_3A\_n8ADC\_3A\_n77A |

**…**

|  |  |
| --- | --- |
| DC\_1A-3A-8A-20A\_n78A | DC\_1A\_n78ADC\_3A\_n78ADC\_8A\_n78ADC\_20A\_n78A |
| DC\_1A-3A-8A-28A\_n71ADC\_1A-3C-8A-28A\_n71A | DC\_1A\_n71ADC\_3A\_n71ADC\_8A\_n71ADC\_28A\_n71A4 |
| DC\_1A-3A-8A-28A\_n77ADC\_1A-3A-8A-28C\_n77ADC\_1A-3C-8A-28A\_n77ADC\_1A-3C-8A-28C\_n77A | DC\_1A\_n77ADC\_3A\_n77ADC\_8A\_n77ADC\_28A\_n77A |

**…**

**< Non-changed part is omitted >**

## **<<Next Change>>**

###### 6.2B.4.2.3.3 ΔTIB,c for EN-DC four bands

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

| Inter-band EN-DC configuration | ΔTIB,c for E-UTRA band / NR band (dB)12 |
| --- | --- |
| Component band in order of bands in configuration13 |
| DC\_1-(n)3-n8 | 0.3 | 0.3 | 0.3 | 0.3 |
| DC\_1-3\_n1-n41DC\_1-3-3\_n1-n41 | 0.5 | 0.5 | 0.5 | 0.34/0.85 |
| DC\_1-3\_n1-n78DC\_1-3-3\_n1-n78 | 0.5 | 0.5 | 0.5 | 0.8 |
| DC\_1-3\_n3-n41 | 0.5 | 0.5 | 0.5 | 0.34/0.85 |
| DC\_1-3\_n3-n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3\_n3-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3\_n5-n40 | 0.6 | 0.6 | 0.6 | 0.9 |
| DC\_1-3-5\_n28 | 0.3 | 0.3 | 0.7 | 0.7 |
| DC\_1-3-5\_n40 | 0.6 | 0.6 | 0.6 | 0.9 |
| DC\_1-3-5\_n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-5\_n78 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_1-3-5\_n79 | 0.3 | 0.3 | 0.3 | - |
| DC\_1-3-7\_n3 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7\_n1 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7\_n5 | 0.6 | 0.6 | 0.6 | 0.3 |
| DC\_1-3-7\_n7DC\_1-3-(n)7 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7\_n8DC\_1-3-3-7\_n8DC\_1-3-7-7\_n8DC\_1-3-3-7-7\_n8 | 0.6 | 0.6 | 0.6 | 0.3 |
| DC\_1-3-7\_n26 | 0.6 | 0.6 | 0.6 | 0.3 |
| DC\_1-3-7\_n28DC\_1-3-7-7\_n28 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7\_n38 | 0.6 | 0.6 | N/A | N/A |
| DC\_1-3-7\_n40DC\_1-3-7-7\_n40 | 0.6 | 0.6 | 0.8 | 0.9 |
| DC\_1-3-7\_n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-7\_n78DC\_1-3-3-7\_n78DC\_1-3-3-7-7\_n78DC\_1-3-7-7\_n78DC\_1-1-3-3-7\_n78 | 0.7 | 0.7 | 0.7 | 0.8 |
| DC\_1-3\_n7-n78 | 0.7 | 0.7 | 0.7 | 0.8 |
| DC\_1-3-7\_n105 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-8\_n1DC\_1-3-3-8\_n1 | 0.3 | 0.3 | 0.3 | 0.3 |
| DC\_1-3-8\_n7 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-8\_n28 | 0.3 | 0.3 | 0.6 | 0.6 |
| DC\_1-3-8\_n41DC\_1-3-3-8\_n41 | 0.5 | 0.5 | 0.3 | 0.34 / 0.85 |
| DC\_1-3-8\_n71 | 0.3 | 0.3 | 0.6 | 0.6 |
| DC\_1-3-8\_n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1\_n3-n8-n77DC\_1-3-3-8\_n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-8\_n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3\_n8-n78DC\_1-3-3\_n8-n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-8\_n79 | 0.3 | 0.3 | 0.3 | - |
| DC\_1-3-11\_n28 | 0.3 | 0.8 | 0.9 | 0.6 |
| DC\_1-3-11\_n77 | 0.6 | 0.8 | 0.9 | 0.8 |
| DC\_1-3-18\_n3 | 0.3 | 0.3 | 0.3 | 0.3 |
| DC\_1-3-18\_n28 | 0.3 | 0.3 | 0.3 | 0.6 |
| DC\_1-3-18\_n41 | 0.3 | 0.3 | 0.3 | 0.34 |
| DC\_1-3-28\_n3 | 0.3 | 0.3 | 0.6 | 0.3 |
| DC\_1-3-18\_n77 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_1-3-18\_n78 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_1-3-18\_n79 | 0.3 | 0.3 | 0.3 | - |
| DC\_1-3-19\_n78 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_1-3-19\_n79 | 0.3 | 0.3 | 0.3 | - |
| DC\_1-3-20\_n1 | 0.3 | 0.3 | 0.3 | 0.3 |
| DC\_1-3-20\_n3 | 0.3 | 0.3 | 0.3 | 0.3 |
| DC\_1-3-20\_n7 | 0.3 | 0.5 | 0.3 | 0.5 |
| DC\_1-3-20\_n8 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-20\_n28 | 0.3 | 0.3 | 0.6 | 0.6 |
| DC\_1-3-20\_n38 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC\_1-3-20\_n41 | 0.5 | 0.5 | 0.3 | 0.84 / 1.35 |
| DC\_1-3-20\_n78DC\_1-1-3-20\_n78DC\_1-3-3-20\_n78 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_1-3-21\_n77 | 0.6 | 0.8 | 0.9 | 0.8 |
| DC\_1-3-21\_n78 | 0.6 | 0.8 | 0.9 | 0.8 |
| DC\_1-3-21\_n79 | 0.3 | 0.8 | 0.9 | - |
| DC\_1-3-26\_n78 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_1-3\_n26-n78 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_1-3-28\_n5 | 0.3 | 0.3 | 0.6 | 0.6 |
| DC\_1-3-28\_n7 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-28\_n38 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-28\_n40 | 0.5 | 0.5 | 0.6 | 0.5 |
| DC\_1-3-28\_n71 | 0.3 | 0.3 | 1.1 | 1.1 |
| DC\_1-3\_n28-n75 | 0.3 | 0.3 | 0.6 | N/A |
| DC\_1-3-28\_n77 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1\_n3-n28-n77 | 0.6 | 0.6 | 0.6 | 0.8 |

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DC\_1-8-20\_n78 | 0.3 | 0.6 | 0.6 | 0.8 |
| DC\_1-8-28\_n3 | 0.3 | 0.6 | 0.6 | 0.3 |
| DC\_1-8-28\_n71 | 0.3 | 0.7 | 1.1 | 1.1 |
| DC\_1-8-28\_n77 | 0.6 | 0.6 | 0.6 | 0.8 |

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DC\_3-8-20\_n78 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_3-8-28\_n77 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_3-8-28\_n71 | 0.3 | 0.7 | 1.1 | 1.1 |
| DC\_3-8\_n28-n77 | 0.6 | 0.6 | 0.5 | 0.8 |
| DC\_3-8-28\_n78 | 0.6 | 0.6 | 0.5 | 0.8 |

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**< Non-changed part is omitted >**

## **<<Next Change>>**

###### 6.2B.4.2.3.4 ΔTIB,c for EN-DC five bands

Table 6.2B.4.2.3.4-1: ΔTIB,c due to EN-DC (five bands)

| Inter-band EN-DC configuration | ΔTIB,c for E-UTRA band / NR band (dB)6 |
| --- | --- |
| Component band in order of bands in configuration7 |
| DC\_1-3-5-7\_n28 | 0.5 | 0.5 | 0.7 | 0.6 | 0.7 |
| DC\_1-3-5-7\_n40DC\_1-3-5-7-7\_n40 | 0.6 | 0.6 | 0.6 | 0.8 | 0.9 |
| DC\_1-3-5-7\_n77 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-5-7\_n78DC\_1-3-5-7-7\_n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-5\_n28-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.9 |
| DC\_1-3-5\_n40-n77 | 0.6 | 0.6 | 0.6 | 0.35 | 0.85 |
| DC\_1-3-5\_n40-n78 | 0.6 | 0.6 | 0.6 | 0.35 | 0.85 |
| DC\_1-3-5-41\_n79 | 0.5 | 0.5 | 0.3 | 0.53 / 0.84 | - |
| DC\_1-3-7\_n3-n78 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 |
| DC\_1-3-7\_n5-n40 | 0.6 | 0.6 | 0.8 | 0.6 | 0.9 |
| DC\_1-3-7\_n7-n78 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 |
| DC\_1-3-7-8\_n7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7-8\_n28DC\_1-3-3-7-8\_n78DC\_1-3-7-7-8\_n78DC\_1-3-3-7-7-8\_n78 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7-8\_n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-7\_n8-n78DC\_1-3-3-7\_n8-n78DC\_1-3-7-7\_n8-n78DC\_1-3-3-7-7\_n8-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-7-20\_n8 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7-20\_n28 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7-20\_n38 | 0.3 | 0.3 | N/A | 0.3 | N/A |
| DC\_1-3-7-20\_n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7-26\_n78DC\_1-1-3-7-20\_n78DC\_1-3-3-7-20\_n78DC\_1-3-7-7-20\_n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-7\_n26-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-7-28\_n3 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7-28\_n5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7-28\_n7DC\_1-3-28-(n)7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7-28\_n38 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7\_n28-n38 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| DC\_1-3-7-28\_n40 | 0.6 | 0.6 | 0.8 | 0.6 | 0.9 |
| DC\_1-3-7-28\_n78 | 0.7 | 0.7 | 0.7 | 0.6 | 0.8 |
| DC\_1-3-7\_n28-n78 | 0.7 | 0.7 | 0.7 | 0.6 | 0.8 |
| DC\_1-3-7-32\_n28 | 0.6 | 0.6 | 0.6 | N/A | 0.6 |
| DC\_1-3-7-32\_n78 | 0.7 | 0.7 | 0.7 | N/A | 0.8 |
| DC\_1-3-7-38\_n28 | 0.6 | 0.6 | N/A | N/A | 0.5 |
| DC\_1-3-7-38\_n78 | 0.7 | 0.7 | N/A | N/A | 0.8 |
| DC\_1-3-7-40\_n78 | 0.6 | 0.6 | 0.5 | 0.35 | 0.85 |
| DC\_1-3-7\_n40-n77DC\_1-3-7-7\_n40-n77 | 0.6 | 0.6 | 0.8 | 0.9 | 0.8 |
| DC\_1-3-7\_n40-n78DC\_1-3-7-7\_n40-n78 | 0.6 | 0.6 | 0.8 | 0.9 | 0.8 |
| DC\_1-3-7\_n40-n105 | 0.7 | 0.7 | 0.7 | 0.8 | 0.7 |
| DC\_1-3-7\_n75-n78 | 0.7 | 0.7 | 0.7 | N/A | 0.8 |
| DC\_1-3-7\_n78-n105 | 0.7 | 0.7 | 0.7 | 0.8 | 0.7 |
| DC\_1-3-8\_n1-n41DC\_1-3-3-8\_n1-n41 | 0.5 | 0.5 | 0.3 | 0.5 | 0.33 / 0.84 |
| DC\_1-3-8\_n1-n78DC\_1-3-3-8\_n1-n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-8\_n7-n78 | 0.7 | 0.7 | 0.6 | 0.7 | 0.8 |
| DC\_1-3-8-11\_n28 | 0.3 | 0.8 | 0.6 | 0.9 | 0.6 |
| DC\_1-3-8-11\_n77 | 0.6 | 0.8 | 0.6 | 0.9 | 0.8 |
| DC\_1-3-8-20\_n78 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
| DC\_1-3-8-28\_n71 | 0.3 | 0.3 | 0.7 | 1.1 | 1.1 |
| DC\_1-3-8-28\_n77 | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |

**…**

**< Non-changed part is omitted >**

## **<<Next Change>>**

##### 7.3B.3.3.3 ΔRIB,c for EN-DC four bands

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

| Inter-band EN-DC configuration | ΔRIB,c for E-UTRA band / NR band (dB)11 |
| --- | --- |
| Component band in order of bands in configuration12 |
| DC\_1-3\_n1-n41DC\_1-3-3\_n1-n41 | - | - | - | 03 / 0.54 |
| DC\_1-(n)3-n8 | - | - | - | - |
| DC\_1-3\_n1-n78DC\_1-3-3\_n1-n78 | - | - | - | 0.5 |
| DC\_1-3\_n3-n41 | - | - | - | 03 / 0.54 |
| DC\_1-3\_n3-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-5\_n28 | - | - | 0.2 | 0.2 |
| DC\_1-3\_n5-n40 | - | - | 0.2 | 0.8 |
| DC\_1-3-5\_n40 | - | - | 0.2 | 0.8 |
| DC\_1-3-5\_n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3\_n3-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-5\_n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-7\_n8DC\_1-3-3-7\_n8DC\_1-3-7-7\_n8DC\_1-3-3-7-7\_n8 | - | - | - | 0.2 |
| DC\_1-3-7\_n28DC\_1-3-7-7\_n28 | - | - | - | 0.2 |
| DC\_1-3-7\_n40 | - | - | 0.3 | 0.8 |
| DC\_1-3-7\_n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7\_n78DC\_1-3-3-7\_n78DC\_1-3-3-7-7\_n78DC\_1-3-7-7\_n78DC\_1-1-3-3-7\_n78 | 0.3 | 0.3 | 0.3 | 0.5 |
| DC\_1-3\_n7-n78 | 0.3 | 0.3 | 0.3 | 0.5 |
| DC\_1-3-7\_n105 | - | - | - | 0.3 |
| DC\_1-3-8\_n7 | - | - | 0.2 | - |
| DC\_1-3-8\_n28 | - | - | 0.2 | 0.2 |
| DC\_1-3-8\_n41DC\_1-3-3-8\_n41 | - | - | - | 03 / 0.54 |
| DC\_1-3-8\_n71 | - | - | 0.2 | 0.2 |
| DC\_1-3-8\_n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1\_n3-n8-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-8\_n3-n79 | - | - | - | 0.5 |
| DC\_1-3-8\_n78DC\_1-3-3-8\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3\_n8-n78DC\_1-3-3\_n8-n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-11\_n28 | - | 0.3 | 0.5 | 0.2 |
| DC\_1-3-11\_n77 | 0.2 | 0.3 | 0.5 | 0.5 |
| DC\_1-3-18\_n28 | - | - | - | 0.2 |
| DC\_1-3-18\_n41 | - | - | - | 0.26 |
| DC\_1-3-28\_n3 | - | - | 0.2 | - |
| DC\_1-3-18\_n77 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-18\_n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-19\_n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-20\_n28 | - | - | 0.2 | 0.2 |
| DC\_1-3-20\_n41 | - | - | - | 01 / 0.54 |
| DC\_1-3-20\_n78DC\_1-1-3-20\_n78DC\_1-3-3-20\_n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-21\_n77 | 0.2 | 0.3 | 0.5 | 0.5 |
| DC\_1-3-21\_n78 | 0.2 | 0.3 | 0.5 | 0.5 |
| DC\_1-3-21\_n79 | - | 0.3 | 0.5 | - |
| DC\_1-3-26\_n78 | 0.6 | 0.6 | 0.3 | 0.8 |
| DC\_1-3\_n26-n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-28\_n5 | - | - | 0.2 | 0.2 |
| DC\_1-3-28\_n7 | - | - | 0.2 | - |
| DC\_1-3-28\_n38 | - | - | 0.2 | - |
| DC\_1-3-28\_n40 | - | - | 0.2 | - |
| DC\_1-3\_n28-n75 | 0.2 | - | 0.2 | - |
| DC\_1-3-28\_n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3\_n28-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1\_n3-n28-n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-28\_n71 | - | - | 0.7 | 0.7 |
| DC\_1-3-28\_n78DC\_1-3-3-28\_n78 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.5 |

**…**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DC\_1-8-20\_n78 | - | 0.2 | - | 0.5 |
| DC\_1-8-28\_n3 | - | 0.2 | 0.2 | - |
| DC\_1-8-28\_n71 | - | 0.2 | 0.7 | 0.7 |
| DC\_1-8-28\_n77 | 0.2 | 0.2 | 0.2 | 0.5 |

**…**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DC\_3-8-11\_n28 | 0.3 | 0.2 | 0.5 | 0.2 |
| DC\_3-8-11\_n77 | 0.3 | 0.2 | 0.5 | 0.5 |
| DC\_3-8-20\_n28 | - | 0.2 | 0.1 | 0.1 |
| DC\_3-8-20\_n78 | 0.2 | 0.2 | - | 0.5 |
| DC\_3-8-28\_n71 | - | 0.2 | 0.7 | 0.7 |
| DC\_3-8-28\_n77 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_3-8\_n28-n77 | 0.2 | 0.2 | 0.2 | 0.5 |

**…**

**< Non-changed part is omitted >**

## **<<Next Change>>**

##### 7.3B.3.3.4 ΔRIB,c for EN-DC five bands

Table 7.3B.3.3.4-1: ΔRIB,c due to EN-DC (five bands)

| Inter-band EN-DC configuration | ΔRIB,c for E-UTRA band / NR band (dB)6 |
| --- | --- |
| Component band in order of bands in configuration7 |
| DC\_1-3-5-7\_n28 | - | - | 0.2 | - | 0.2 |
| DC\_1-3-5-7\_n40DC\_1-3-5-7-7\_n40 | - | - | 0.2 | 0.3 | 0.8 |
| DC\_1-3-5-7\_n77 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-5-7\_n78DC\_1-3-5-7-7\_n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-5\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.8 |
| DC\_1-3-5\_n40-n77 | 0.2 | 0.2 | 0.2 | 0.45 | 0.55 |
| DC\_1-3-5\_n40-n78 | 0.2 | 0.2 | 0.2 | 0.45 | 0.55 |
| DC\_1-3-5-41\_n79 | - | - | - | 03 / 0.54 | - |
| DC\_1-3-7\_n3-n78 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 |
| DC\_1-3-7\_n5-n40 | - | - | 0.3 | 0.2 | 0.8 |
| DC\_1-3-7\_n7-n78 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 |
| DC\_1-3-7-8\_n7 | - | - | - | 0.2 | - |
| DC\_1-3-7-8\_n28 | - | - | - | 0.2 | 0.2 |
| DC\_1-3-7-8\_n78DC\_1-3-3-7-8\_n78DC\_1-3-7-7-8\_n78DC\_1-3-3-7-7-8\_n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7\_n8-n78DC\_1-3-3-7\_n8-n78DC\_1-3-7-7\_n8-n78DC\_1-3-3-7-7\_n8-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-20\_n28 | - | - | - | 0.2 | 0.2 |
| DC\_1-3-7-20\_n38 | - | - | - | - | 0.2 |
| DC\_1-3-7-20\_n78 | 0.2 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-7\_n26-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-26\_n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-28\_n3 | - | - | - | 0.2 | - |
| DC\_1-3-7-28\_n5 | - | - | - | 0.2 | 0.2 |
| DC\_1-3-7-28\_n7DC\_1-3-28-(n)7 | - | - | - | 0.2 | - |
| DC\_1-3-7-28\_n38 | - | - | - | 0.2 | - |
| DC\_1-3-7\_n28-n38 | - | - | - | 0.2 | - |
| DC\_1-3-7-28\_n40 | - | - | 0.3 | 0.2 | 0.8 |
| DC\_1-3-7-28\_n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7\_n28-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-7-32\_n28 | - | 0.5 | - | - | 0.5 |
| DC\_1-3-7-32\_n78 | 0.3 | 0.3 | 0.3 | - | 0.5 |
| DC\_1-3-7-38\_n28 | - | - | - | 0.2 | 0.2 |
| DC\_1-3-7-40\_n78 | 0.2 | 0.2 | - | 0.45 | 0.55 |
| DC\_1-3-7\_n40-n77DC\_1-3-7-7\_n40-n77 | - | - | 0.3 | 0.8 | 0.5 |
| DC\_1-3-7\_n40-n78DC\_1-3-7-7\_n40-n78 | - | - | 0.3 | 0.8 | 0.5 |
| DC\_1-3-7\_n40-n105 | 0.2 | 0.2 | 0.2 | 0.5 | 0.3 |
| DC\_1-3-7\_n75-n78 | 0.3 | 0.3 | 0.3 | - | 0.5 |
| DC\_1-3-7\_n78-n105 | 0.6 | 0.6 | 0.3 | 0.5 | 0.3 |
| DC\_1-3-8\_n1-n41DC\_1-3-3-8\_n1-n41 | - | - | - | - | 03 / 0.54 |
| DC\_1-3-8\_n1-n78DC\_1-3-3-8\_n1-n78 | 0.2 | 0.2 | 0.2 |  | 0.5 |
| DC\_1-3-8\_n7-n78 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-8-11\_n28 | - | 0.3 | 0.2 | 0.5 | 0.2 |
| DC\_1-3-8-11\_n77 | 0.2 | 0.3 | 0.2 | 0.5 | 0.5 |
| DC\_1-3-8-20\_n78 | 0.2 | 0.2 | 0.2 | - | 0.5 |
| DC\_1-3-8-28\_n71 | - | - | 0.2 | 0.7 | 0.7 |
| DC\_1-3-8-28\_n77 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |
| DC\_1-3-8\_n28-n77 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 |

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| --- | --- | --- | --- | --- | --- |
| DC\_19-42\_n1-n77-n79 | 0.3 | 0.5 | 0.3 | 0.5 | - |
| DC\_19-42\_n1-n78-n79 | 0.3 | 0.5 | 0.3 | 0.5 | - |
| DC\_20-28-32-38\_n1 | 0.2 | 0.2 | - | - | - |
| NOTE 1: The requirement is applied for UE transmitting on the frequency range of 2545 – 2690 MHz.NOTE 2: The requirement is applied for UE transmitting on the frequency range of 2496 – 2545 MHz.NOTE 3: The requirement is applied for UE transmitting on the frequency range of 2515 - 2690 MHz.NOTE 4: The requirement is applied for UE transmitting on the frequency range of 2496 – 2515 MHz.NOTE 5: Only applicable for UE supporting inter-band carrier aggregation with uplink in one E-UTRA band and without simultaneous Rx/Tx.NOTE 6: “-” denotes ΔRIB,c = 0.NOTE 7: The component band order in the configuration should be listed by the order of E-UTRA band and NR band respectively, such as for DC\_2-30-66-(n)5 the band order from left to right is 2, 5, 30, 66 and n5. |

## **<<End of Change>>**