**3GPP TSG-RAN WG4 Meeting #109 RevisedR4-2318669**

**Chicago, US, 13th-17th Nov, 2023**

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| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  | **38.101-3** | **CR** |  | **rev** |  | **Current version:** | **18.3.0** |  |
|  |
| *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:***  | draft CR to TS38.101-3: band combinations for DC\_R18\_xBLTE\_2BNR\_yDL2UL with FR2 |
|  |  |
| ***Source to WG:*** | Huawei, HiSilicon, KT, KT SAT |
| ***Source to TSG:*** | R4 |
|  |  |
| ***Work item code:*** | DC\_R18\_xBLTE\_2BNR\_yDL2UL-Core |  | ***Date:*** | 2023-11-3 |
|  |  |  |  |  |
| ***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 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-16 (Release 16)Rel-17 (Release 17)**Rel-18 (Release 18)**Rel-19 (Release 19)* |
|  |  |
| ***Reason for change:*** | DC\_n77A-n257A/G/H/I/J/K/L/M\_8ADC\_n77(2A)-n257A/G/H/I/J/K/L/M\_8ADC\_n77A-n257A/G/H/I/J/K/L/M\_1A-8ADC\_n77(2A)-n257A/G/H/I/J/K/L/M\_1A-8ADC\_n77A-n257A/G/H/I/J/K/L/M\_3A-8ADC\_n77(2A)-n257A/G/H/I/J/K/L/M\_3A-8ADC\_n77A-n257A/G/H/I/J/K/L/M\_1A-3A-8ADC\_n77(2A)-n257A/G/H/I/J/K/L/M\_1A-3A-8A to be added into the specificationThe fallback DC\_n77A-n3A\_1A-8A is available in R4-2318670 that is proposed in this meeting, too. |
|  |  |
| ***Summary of change:*** | Include the above mentioned band combination in the spec |
|  |  |
| ***Consequences if not approved:*** | New configurations are not supported. |
|  |  |
| ***Clauses affected:*** | 5.5B.6.2, 5.5B.6.3, 5.5B.6.4 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **X** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  | **x** |  Test specifications | TS/TR ... CR ... |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |

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| ***This CR's revision history:*** |  |

## << Start of change >>

#### 5.5B.6a.2 Inter-band NE-DC configurations including FR1 and FR2 (three bands)

Table 5.5B.6a.2-1: Inter-band NE-DC configurations including FR1 and FR2 (three bands)

| **NE-DC configuration** | **Uplink NE-DC configuration (NOTE 1)** |
| --- | --- |
| DC\_n77A-n257A\_1ADC\_n77A-n257G\_1ADC\_n77A-n257H\_1ADC\_n77A-n257I\_1ADC\_n77A-n257J\_1ADC\_n77A-n257K\_1ADC\_n77A-n257L\_1ADC\_n77A-n257M\_1A  | DC\_n77A\_1ADC\_n257A\_1A |
| DC\_n77(2A)-n257A\_1ADC\_n77(2A)-n257G\_1ADC\_n77(2A)-n257H\_1ADC\_n77(2A)-n257I\_1ADC\_n77(2A)-n257J\_1ADC\_n77(2A)-n257K\_1ADC\_n77(2A)-n257L\_1ADC\_n77(2A)-n257M\_1A | DC\_n77A\_1ADC\_n257A\_1A |
| DC\_n77A-n257A\_3ADC\_n77A-n257G\_3ADC\_n77A-n257H\_3ADC\_n77A-n257I\_3ADC\_n77A-n257J\_3ADC\_n77A-n257K\_3ADC\_n77A-n257L\_3ADC\_n77A-n257M\_3A | DC\_n77A\_3ADC\_n257A\_3A |
| DC\_n77(2A)-n257A\_3ADC\_n77(2A)-n257G\_3ADC\_n77(2A)-n257H\_3ADC\_n77(2A)-n257I\_3ADC\_n77(2A)-n257J\_3ADC\_n77(2A)-n257K\_3ADC\_n77(2A)-n257L\_3ADC\_n77(2A)-n257M\_3A | DC\_n77A\_3ADC\_n257A\_3A |
| DC\_n77A-n257A\_8ADC\_n77A-n257G\_8ADC\_n77A-n257H\_8ADC\_n77A-n257I\_8ADC\_n77A-n257J\_8ADC\_n77A-n257K\_8ADC\_n77A-n257L\_8ADC\_n77A-n257M\_8A | DC\_n77A\_8ADC\_n257A\_8A |
| DC\_n77(2A)-n257A\_8ADC\_n77(2A)-n257G\_8ADC\_n77(2A)-n257H\_8ADC\_n77(2A)-n257I\_8ADC\_n77(2A)-n257J\_8ADC\_n77(2A)-n257K\_8ADC\_n77(2A)-n257L\_8ADC\_n77(2A)-n257M\_8A | DC\_n77A\_8ADC\_n257A\_8A |
| 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 |

## << Next change >>

#### 5.5B.6a.3 Inter-band NE-DC configurations including FR1 and FR2 (four bands)

Table 5.5B.6a.3-1: Inter-band NE-DC configurations including FR1 and FR2 (four bands)

| **NE-DC configuration** | **Uplink NE-DC configuration (NOTE 1)** |
| --- | --- |
| DC\_n77A-n257A\_1A-3ADC\_n77A-n257G\_1A-3ADC\_n77A-n257H\_1A-3ADC\_n77A-n257I\_1A-3ADC\_n77A-n257J\_1A-3ADC\_n77A-n257K\_1A-3ADC\_n77A-n257L\_1A-3ADC\_n77A-n257M\_1A-3A | DC\_n77A\_1ADC\_n257A\_1ADC\_n77A\_3ADC\_n257A\_3A |
| DC\_n77(2A)-n257A\_1A-3ADC\_n77(2A)-n257G\_1A-3ADC\_n77(2A)-n257H\_1A-3ADC\_n77(2A)-n257I\_1A-3ADC\_n77(2A)-n257J\_1A-3ADC\_n77(2A)-n257K\_1A-3ADC\_n77(2A)-n257L\_1A-3ADC\_n77(2A)-n257M\_1A-3A | DC\_n77A\_1ADC\_n257A\_1ADC\_n77A\_3ADC\_n257A\_3A |
| DC\_n77A-n257A\_1A-8ADC\_n77A-n257G\_1A-8ADC\_n77A-n257H\_1A-8ADC\_n77A-n257I\_1A-8ADC\_n77A-n257J\_1A-8ADC\_n77A-n257K\_1A-8ADC\_n77A-n257L\_1A-8ADC\_n77A-n257M\_1A-8A | DC\_n77A\_1ADC\_n257A\_1ADC\_n77A\_8ADC\_n257A\_8A |
| DC\_n77(2A)-n257A\_1A-8ADC\_n77(2A)-n257G\_1A-8ADC\_n77(2A)-n257H\_1A-8ADC\_n77(2A)-n257I\_1A-8ADC\_n77(2A)-n257J\_1A-8ADC\_n77(2A)-n257K\_1A-8ADC\_n77(2A)-n257L\_1A-8ADC\_n77(2A)-n257M\_1A-8A | DC\_n77A\_1ADC\_n257A\_1ADC\_n77A\_8ADC\_n257A\_8A |
| DC\_n77A-n257A\_3A-8ADC\_n77A-n257G\_3A-8ADC\_n77A-n257H\_3A-8ADC\_n77A-n257I\_3A-8ADC\_n77A-n257J\_3A-8ADC\_n77A-n257K\_3A-8ADC\_n77A-n257L\_3A-8ADC\_n77A-n257M\_3A-8A | DC\_n77A\_3ADC\_n257A\_3ADC\_n77A\_8ADC\_n257A\_8A |
| DC\_n77(2A)-n257A\_3A-8ADC\_n77(2A)-n257G\_3A-8ADC\_n77(2A)-n257H\_3A-8ADC\_n77(2A)-n257I\_3A-8ADC\_n77(2A)-n257J\_3A-8ADC\_n77(2A)-n257K\_3A-8ADC\_n77(2A)-n257L\_3A-8ADC\_n77(2A)-n257M\_3A-8A | DC\_n77A\_3ADC\_n257A\_3ADC\_n77A\_8ADC\_n257A\_8A |
| 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 |

## << Next change >>

#### 5.5B.6a.4 Inter-band NE-DC configurations including FR1 and FR2 (five bands)

Table 5.5B.6a.4-1: Inter-band NE-DC configurations including FR1 and FR2 (four bands)

| **NE-DC configuration** | **Uplink NE-DC configuration (NOTE 1)** |
| --- | --- |
| DC\_n77A-n257A\_1A-3A-8ADC\_n77A-n257G\_1A-3A-8ADC\_n77A-n257H\_1A-3A-8ADC\_n77A-n257I\_1A-3A-8ADC\_n77A-n257J\_1A-3A-8ADC\_n77A-n257K\_1A-3A-8ADC\_n77A-n257L\_1A-3A-8ADC\_n77A-n257M\_1A-3A-8A | DC\_n77A\_1ADC\_n257A\_1ADC\_n77A\_3ADC\_n257A\_3ADC\_n77A\_8ADC\_n257A\_8A |
| DC\_n77(2A)-n257A\_1A-3A-8ADC\_n77(2A)-n257G\_1A-3A-8ADC\_n77(2A)-n257H\_1A-3A-8ADC\_n77(2A)-n257I\_1A-3A-8ADC\_n77(2A)-n257J\_1A-3A-8ADC\_n77(2A)-n257K\_1A-3A-8ADC\_n77(2A)-n257L\_1A-3A-8ADC\_n77(2A)-n257M\_1A-3A-8A | DC\_n77A\_1ADC\_n257A\_1ADC\_n77A\_3ADC\_n257A\_3ADC\_n77A\_8ADC\_n257A\_8A |
| 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 |

## << End change >>