**3GPP TSG-RAN WG4 Meeting #** **102-e R4-2204757 R4-22xxxxx**

**Electronic Meeting, February 21 – March 3, 2022**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-2** | **CR** |  | **rev** | **-** | **Current version:** | **17.4.0** |  |
|  | | | | | | | | |
| *For* ***[HE](http://www.3gpp.org/3G_Specs/CRs.htm" \l "_blank)******[LP](http://www.3gpp.org/3G_Specs/CRs.htm" \l "_blank)*** *on using this form: comprehensive instructions can be found at  <http://www.3gpp.org/Change-Requests>.* | | | | | | | | |
|  | | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Draft CR for TS 38.101-2 Add a note for BCS in 2DL NR CA table | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | ZTE Corporation | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_CADC\_R17\_2BDL\_xBUL-Core | | | | |  | ***Date:*** | | | 2022-01-30 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)*  *Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | For the BCS in 2DL NR FR2-FR2 CA combination, it is unclear which BCS should be applied. By using the same approach of 2DL FR1-FR2 NR CA, it is proposed to add a note to describe it. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Add a note for BCS in 2DL NR CA table | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Unclear for the BCS in 2DL NR CA band combination | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5A.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 >>*

### 5.5A.3 Configurations for inter-band CA

Table 5.5A.3-1: NR CA configurations for inter-band CA

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 1) | | | | Bandwidth combination set |
|  |  |  | 50 | 100 | 200 | 400 |  |
| CA\_n257A-n259A | - | n257 | 50 | 100 | 200 | 400 | 0 |
|  |  | n259 | 50 | 100 | 200 | 400 |  |
| CA\_n257A-n259G | - | n257 | 50 | 100 | 200 | 400 | 0 |
|  |  | n259 | CA\_n259G | | | |  |
| CA\_n257A-n259H | - | n257 | 50 | 100 | 200 | 400 | 0 |
|  |  | n259 | CA\_n259H | | | |  |
| CA\_n257A-n259I | - | n257 | 50 | 100 | 200 | 400 | 0 |
|  |  | n259 | CA\_n259I | | | |  |
| CA\_n257A-n259J | - | n257 | 50 | 100 | 200 | 400 | 0 |
|  |  | n259 | CA\_n259J | | | |  |
| CA\_n257A-n259K | - | n257 | 50 | 100 | 200 | 400 | 0 |
|  |  | n259 | CA\_n259K | | | |  |
| CA\_n257A-n259L | - | n257 | 50 | 100 | 200 | 400 | 0 |
|  |  | n259 | CA\_n259L | | | |  |
| CA\_n257A-n259M | - | n257 | 50 | 100 | 200 | 400 | 0 |
|  |  | n259 | CA\_n259M | | | |  |
| CA\_n257G-n259A | - | n257 | CA\_n257G | | | | 0 |
|  |  | n259 | 50 | 100 | 200 | 400 |  |
| CA\_n257G-n259G | - | n257 | CA\_n257G | | | | 0 |
|  |  | n259 | CA\_n259G | | | |  |
| CA\_n257G-n259H | - | n257 | CA\_n257G | | | | 0 |
|  |  | n259 | CA\_n259H | | | |  |
| CA\_n257G-n259I | - | n257 | CA\_n257G | | | | 0 |
|  |  | n259 | CA\_n259I | | | |  |
| CA\_n257G-n259J | - | n257 | CA\_n257G | | | | 0 |
|  |  | n259 | CA\_n259J | | | |  |
| CA\_n257G-n259K | - | n257 | CA\_n257G | | | | 0 |
|  |  | n259 | CA\_n259K | | | |  |
| CA\_n257G-n259L | - | n257 | CA\_n257G | | | | 0 |
|  |  | n259 | CA\_n259L | | | |  |
| CA\_n257G-n259M | - | n257 | CA\_n257G | | | | 0 |
|  |  | n259 | CA\_n259M | | | |  |
| CA\_n257H-n259A | - | n257 | CA\_n257H | | | | 0 |
|  |  | n259 | 50 | 100 | 200 | 400 |  |
| CA\_n257H-n259G | - | n257 | CA\_n257H | | | | 0 |
|  |  | n259 | CA\_n259G | | | |  |
| CA\_n257H-n259H | - | n257 | CA\_n257H | | | | 0 |
|  |  | n259 | CA\_n259H | | | |  |
| CA\_n257H-n259I | - | n257 | CA\_n257H | | | | 0 |
|  |  | n259 | CA\_n259I | | | |  |
| CA\_n257H-n259J | - | n257 | CA\_n257H | | | | 0 |
|  |  | n259 | CA\_n259J | | | |  |
| CA\_n257H-n259K | - | n257 | CA\_n257H | | | | 0 |
|  |  | n259 | CA\_n259K | | | |  |
| CA\_n257H-n259L | - | n257 | CA\_n257H | | | | 0 |
|  |  | n259 | CA\_n259L | | | |  |
| CA\_n257H-n259M | - | n257 | CA\_n257H | | | | 0 |
|  |  | n259 | CA\_n259M | | | |  |
| CA\_n257I-n259A | - | n257 | CA\_n257I | | | | 0 |
|  |  | n259 | 50 | 100 | 200 | 400 |  |
| CA\_n257I-n259G | - | n257 | CA\_n257I | | | | 0 |
|  |  | n259 | CA\_n259G | | | |  |
| CA\_n257I-n259H | - | n257 | CA\_n257I | | | | 0 |
|  |  | n259 | CA\_n259H | | | |  |
| CA\_n257I-n259I | - | n257 | CA\_n257I | | | | 0 |
|  |  | n259 | CA\_n259I | | | |  |
| CA\_n257I-n259J | - | n257 | CA\_n257I | | | | 0 |
|  |  | n259 | CA\_n259J | | | |  |
| CA\_n257I-n259K | - | n257 | CA\_n257I | | | | 0 |
|  |  | n259 | CA\_n259K | | | |  |
| CA\_n257I-n259L | - | n257 | CA\_n257I | | | | 0 |
|  |  | n259 | CA\_n259L | | | |  |
| CA\_n257I-n259M | - | n257 | CA\_n257I | | | | 0 |
|  |  | n259 | CA\_n259M | | | |  |
| CA\_n258A-n260A | - | n258 | 50 | 100 | 200 | 400 | 0 |
|  |  | n260 | 50 | 100 | 200 | 400 |  |
| CA\_n260A-n261A | - | n260 | 50 | 100 | 200 | 400 | 0 |
|  |  | n261 | 50 | 100 | 200 | 400 |  |
| CA\_n260A-n261G | CA\_n261G CA\_n261H CA\_n261I CA\_n261J CA\_n261K CA\_n261L CA\_n261M | n260 | 50 | 100 | 200 | 400 | 0 |
|  | n261 | CA\_n261G | | | |  |
| CA\_n260A-n261H | n260 | 50 | 100 | 200 | 400 | 0 |
|  | n261 | CA\_n261H | | | |  |
| CA\_n260A-n261I | n260 | 50 | 100 | 200 | 400 | 0 |
|  | n261 | CA\_n261I | | | |  |
| CA\_n260A-n261J | n260 | 50 | 100 | 200 | 400 | 0 |
|  | n261 | CA\_n261J | | | |  |
| CA\_n260A-n261K | n260 | 50 | 100 | 200 | 400 | 0 |
|  | n261 | CA\_n261K | | | |  |
| CA\_n260A-n261L | n260 | 50 | 100 | 200 | 400 | 0 |
|  | n261 | CA\_n261L | | | |  |
| CA\_n260A-n261M | n260 | 50 | 100 | 200 | 400 | 0 |
|  | n261 | CA\_n261M | | | |  |
| CA\_n260G-n261A | CA\_n260G CA\_n261G CA\_n261H CA\_n261I CA\_n261J CA\_n261K CA\_n261L CA\_n261M | n260 | CA\_n260G | | | | 0 |
|  | n261 | 50 | 100 | 200 | 400 |  |
| CA\_n260G-n261G | n260 | CA\_n260G | | | | 0 |
|  | n261 | CA\_n261G | | | |  |
| CA\_n260G-n261H | n260 | CA\_n260G | | | | 0 |
|  | n261 | CA\_n261H | | | |  |
| CA\_n260G-n261I | n260 | CA\_n260G | | | | 0 |
|  | n261 | CA\_n261I | | | |  |
| CA\_n260G-n261J | n260 | CA\_n260G | | | | 0 |
|  | n261 | CA\_n261J | | | |  |
| CA\_n260G-n261K | n260 | CA\_n260G | | | | 0 |
|  | n261 | CA\_n261K | | | |  |
| CA\_n260G-n261L | n260 | CA\_n260G | | | | 0 |
|  | n261 | CA\_n261L | | | |  |
| CA\_n260G-n261M | n260 | CA\_n260G | | | | 0 |
|  | n261 | CA\_n261M | | | |  |
| CA\_n260H-n261A | CA\_n260G CA\_n260H CA\_n261G CA\_n261H CA\_n261I CA\_n261J CA\_n261K CA\_n261L CA\_n261M | n260 | CA\_n260H | | | | 0 |
|  | n261 | 50 | 100 | 200 | 400 |  |
| CA\_n260H-n261G | n260 | CA\_n260H | | | | 0 |
|  | n261 | CA\_n261G | | | |  |
| CA\_n260H-n261H | n260 | CA\_n260H | | | | 0 |
|  | n261 | CA\_n261H | | | |  |
| CA\_n260H-n261I | n260 | CA\_n260H | | | | 0 |
|  | n261 | CA\_n261I | | | |  |
| CA\_n260H-n261J | n260 | CA\_n260H | | | | 0 |
|  | n261 | CA\_n261J | | | |  |
| CA\_n260H-n261K | n260 | CA\_n260H | | | | 0 |
|  | n261 | CA\_n261K | | | |  |
| CA\_n260H-n261L | n260 | CA\_n260H | | | | 0 |
|  | n261 | CA\_n261L | | | |  |
| CA\_n260H-n261M | n260 | CA\_n260H | | | | 0 |
|  | n261 | CA\_n261M | | | |  |
| CA\_n260I-n261A | CA\_n260G CA\_n260H CA\_n260I CA\_n261G CA\_n261H CA\_n261I CA\_n261J CA\_n261K CA\_n261L CA\_n261M | n260 | CA\_n260I | | | | 0 |
|  | n261 | 50 | 100 | 200 | 400 |  |
| CA\_n260I-n261G | n260 | CA\_n260I | | | | 0 |
|  | n261 | CA\_n261G | | | |  |
| CA\_n260I-n261H | n260 | CA\_n260I | | | | 0 |
|  | n261 | CA\_n261H | | | |  |
| CA\_n260I-n261I | n260 | CA\_n260I | | | | 0 |
|  | n261 | CA\_n261I | | | |  |
| CA\_n260I-n261J | n260 | CA\_n260I | | | | 0 |
|  | n261 | CA\_n261J | | | |  |
| CA\_n260I-n261K | n260 | CA\_n260I | | | | 0 |
|  | n261 | CA\_n261K | | | |  |
| CA\_n260I-n261L | n260 | CA\_n260I | | | | 0 |
|  | n261 | CA\_n261L | | | |  |
| CA\_n260I-n261M | n260 | CA\_n260I | | | | 0 |
|  | n261 | CA\_n261M | | | |  |
| CA\_n260J-n261A | CA\_n260G CA\_n260H CA\_n260I CA\_n260J CA\_n261G CA\_n261H CA\_n261I CA\_n261J CA\_n261K CA\_n261L CA\_n261M | n260 | CA\_n260J | | | | 0 |
|  | n261 | 50 | 100 | 200 | 400 |  |
| CA\_n260J-n261G | n260 | CA\_n260J | | | | 0 |
|  | n261 | CA\_n261G | | | |  |
| CA\_n260J-n261H | n260 | CA\_n260J | | | | 0 |
|  | n261 | CA\_n261H | | | |  |
| CA\_n260J-n261I | n260 | CA\_n260J | | | | 0 |
|  | n261 | CA\_n261I | | | |  |
| CA\_n260J-n261J | n260 | CA\_n260J | | | | 0 |
|  | n261 | CA\_n261J | | | |  |
| CA\_n260J-n261K | n260 | CA\_n260J | | | | 0 |
|  | n261 | CA\_n261K | | | |  |
| CA\_n260J-n261L | n260 | CA\_n260J | | | | 0 |
|  | n261 | CA\_n261L | | | |  |
| CA\_n260J-n261M | n260 | CA\_n260J | | | | 0 |
|  | n261 | CA\_n261M | | | |  |
| CA\_n260K-n261A | CA\_n260G CA\_n260H CA\_n260I CA\_n260J CA\_n260K CA\_n261G CA\_n261H CA\_n261I CA\_n261J CA\_n261K CA\_n261L CA\_n261M | n260 | CA\_n260K | | | | 0 |
|  | n261 | 50 | 100 | 200 | 400 |  |
| CA\_n260K-n261G | n260 | CA\_n260K | | | | 0 |
|  | n261 | CA\_n261G | | | |  |
| CA\_n260K-n261H | n260 | CA\_n260K | | | | 0 |
|  | n261 | CA\_n261H | | | |  |
| CA\_n260K-n261I | n260 | CA\_n260K | | | | 0 |
|  | n261 | CA\_n261I | | | |  |
| CA\_n260K-n261J | n260 | CA\_n260K | | | | 0 |
|  | n261 | CA\_n261J | | | |  |
| CA\_n260K-n261K | n260 | CA\_n260K | | | | 0 |
|  | n261 | CA\_n261K | | | |  |
| CA\_n260K-n261L | n260 | CA\_n260K | | | | 0 |
|  | n261 | CA\_n261L | | | |  |
| CA\_n260K-n261M | n260 | CA\_n260K | | | | 0 |
|  | n261 | CA\_n261M | | | |  |
| CA\_n260L-n261A | CA\_n260G CA\_n260H CA\_n260I CA\_n260J CA\_n260K  CA\_n260L  CA\_n261G CA\_n261H CA\_n261I CA\_n261J CA\_n261K CA\_n261L CA\_n261M | n260 | CA\_n260L | | | | 0 |
|  | n261 | 50 | 100 | 200 | 400 |  |
| CA\_n260L-n261G | n260 | CA\_n260L | | | | 0 |
|  | n261 | CA\_n261G | | | |  |
| CA\_n260L-n261H | n260 | CA\_n260L | | | | 0 |
|  | n261 | CA\_n261H | | | |  |
| CA\_n260L-n261I | n260 | CA\_n260L | | | | 0 |
|  | n261 | CA\_n261I | | | |  |
| CA\_n260L-n261J | n260 | CA\_n260L | | | | 0 |
|  | n261 | CA\_n261J | | | |  |
| CA\_n260L-n261K | n260 | CA\_n260L | | | | 0 |
|  | n261 | CA\_n261K | | | |  |
| CA\_n260L-n261L | n260 | CA\_n260L | | | | 0 |
|  | n261 | CA\_n261L | | | |  |
| CA\_n260L-n261M | n260 | CA\_n260L | | | | 0 |
|  | n261 | CA\_n261M | | | |  |
| CA\_n260M-n261A | CA\_n260G CA\_n260H CA\_n260I CA\_n260J CA\_n260K  CA\_n260L  CA\_n260M  CA\_n261G CA\_n261H CA\_n261I CA\_n261J CA\_n261K CA\_n261L CA\_n261M | n260 | CA\_n260M | | | | 0 |
|  | n261 | 50 | 100 | 200 | 400 |  |
| CA\_n260M-n261G | n260 | CA\_n260M | | | | 0 |
|  | n261 | CA\_n261G | | | |  |
| CA\_n260M-n261H | n260 | CA\_n260M | | | | 0 |
|  | n261 | CA\_n261H | | | |  |
| CA\_n260M-n261I | n260 | CA\_n260M | | | | 0 |
|  | n261 | CA\_n261I | | | |  |
| CA\_n260M-n261J | n260 | CA\_n260M | | | | 0 |
|  | n261 | CA\_n261J | | | |  |
| CA\_n260M-n261K | n260 | CA\_n260M | | | | 0 |
|  | n261 | CA\_n261K | | | |  |
| CA\_n260M-n261L | n260 | CA\_n260M | | | | 0 |
|  | n261 | CA\_n261L | | | |  |
| CA\_n260M-n261M | n260 | CA\_n260M | | | | 0 |
|  | n261 | CA\_n261M | | | |  |
| NOTE 1: The SCS of each channel bandwidth for NR band refers to Table 5.3.5-1.  NOTE 2: Unless otherwise stated, BCS0 is referred in each constituent CA configuration | | | | | | | |

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