**3GPP TSG-RAN WG4 Meeting #111** R4-2408394

Fukuoka, Japan, May 20 – May 24, 2024

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-2** | **CR** | **0741** | **rev** | **-** | **Current version:** | **18.5.0** |  |
|  | | | | | | | | |
| *For* ***[HELP](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:*** | TS 38.101-2 big draft CR for NR\_CADC\_R18\_2BDL\_xBUL | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | ZTE Corporation | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_CADC\_R18\_2BDL\_xBUL-Core | | | | |  | ***Date:*** | | | 2024-05-28 |
|  |  | | | |  | |  | | |  |
| ***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:*** | | This big draft CR is to reflect the completed inter-band CA/DC combinations are introduced into TS 38.101-2 from RAN4 #110bis meeting and #111 meeting. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | The inter-band CA/DC band combinations for 2 bands DL with up to 2 bands UL between FR1 and FR2 completed in the following contributions are added from RAN4 #110bis meeting.  The endorsed draft CR in RAN4 #110bis are listed:   1. R4-2405301 draft CR for TS38.101-2 to clarify 1 UL configuration for CA   No contributions in RAN #111 meeting. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The requirements for above band combinations are incomplete. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5A | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **X** |  | Test specifications | | | | TS 38.521-2 | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | This CR is based on the draft CR R4-2405980 which is endorsed in RAN4 #110bis meeting. | | | | | | | | |

## << Start of change >>

## 5.5 Configurations

## 5.5A Configurations for CA

In the CA configuration tables of clause 5.5A.1 and clause 5.5A.2:

* Unless otherwise noted/stated, Uplink CA configuration entries with "-" mean single uplink carrier is valid for downlink intra-band CA,

In the CA configuration tables of clause 5.5A.3:

* Uplink CA configuration entries with "-" mean that any valid constituent band of the downlink inter-band CA combination can be configured as a single uplink carrier,
* Unless otherwise noted, all of the valid downlink constituent bands can be configured as a single uplink carrier,
* If an uplink CA configuration is supported, its fallback single uplink is also supported.

### 5.5A.1 Configurations for intra-band contiguous CA

## << End of change >>