**3GPP T****SG-RAN WG4 Meeting#100-e R4-2115139**

**E-meeting, 16th – 27th Aug, 2021**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.307** | **CR** | **-** | **rev** | **-** | **Current version:** | **16.7.0** |  |
|  | | | | | | | | |
| *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:*** | CR Correction of common UE RF requirement 38.307 Annex tables R16 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | MCC | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_newRAT-Core | | | | |  | ***Date:*** | | | 2021-08-31 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | F |  | | | | | ***Release:*** | | | Rel-16 |
|  | *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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Annexes are missing references for some of the requirements. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Relevant references are added. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Some references are missing and requirement applicability is unclear. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | B.4.4, B.4.6 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start of changes \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

## B.4.4 Common UE RF requirements for interband CA configurations between NR frequency range 1 and NR frequency range 2

The requirements and test cases listed in Table B.4.4-1 are specified in in REL-16 version of TS 38.101-3 [4].

Table B.4.4-1: Common UE RF requirements for a release independent interband CA configurations between NR frequency range 1 and NR frequency range 2

|  |  |
| --- | --- |
| Clause | Description |
| 5.2A | Operating bands for CA |
| 5.3A | UE channel bandwidth for CA |
| 5.4A | Channel arrangement for CA |
| 6.2A | Transmitter power for CA |
| 6.3A | Output power dynamics for CA |
| 6.4A | Transmit signal quality for CA |
| 6.5A | Output RF spectrum emissions for CA |
| 7.3A | Reference sensitivity for CA |
| 7.4A | Maximum input level for CA |
| 7.5A | Adjacent Channel Selectivity for CA |
| 7.6A | Blocking characteristics for CA |
| 7.7A | Spurious response for CA |
| 7.8A | Intermodulation characteristics for CA |
| 7.9A | Spurious emissions for CA |

## B.4.5 Common UE RF requirements for Inter-band NR-DC configurations between frequency range 1 and frequency range 2

The requirements and test cases listed in Table B.4.5-1 are specified in in REL-16 version of TS 38.101-3 [4].

Table B.4.5-1: Common UE RF requirements for a release independent Inter-band NR-DC configurations between frequency range 1 and frequency range 2

|  |  |
| --- | --- |
| Clause | Description |
| 4.2 | Applicability of minimum requirements |
| 5.2B | Operating bands for DC |
| 6.2B.5 | Configured output power for NR-DC |

## B.4.6 Common UE RF requirements for NR interworking between NR and E-UTRA

The requirements and test cases listed in Table B.4.6-1 are specified in in REL-16 version of TS 38.101-3 [4].

Table B.4.6-1: Common UE RF requirements for a release independent NR interworking between NR and E-UTRA

|  |  |
| --- | --- |
| Clause | Description |
| 4.2 | Applicability of minimum requirements |
| 5.2B | Operating bands for DC |
| 5.3B | UE channel bandwidth for DC |
| 5.4B | Channel arrangement for DC |
| 6.2B | Transmitter power for DC |
| 6.3B | Output power dynamics for DC |
| 6.4B | Transmit signal quality for DC |
| 6.5B | Output RF spectrum emissions for DC |
| 6.6B | Beam correspondence for DC |
| 7.3B | Reference sensitivity level for DC |
| 7.4B | Maximum input level for DC in FR1 |
| 7.5B | Adjacent Channel Selectivity for DC in FR1 |
| 7.6B | Blocking characteristics for DC in FR1 |
| 7.7B | Spurious response for DC in FR1 |
| 7.8B | Intermodulation characteristics for DC in FR1 |
| 7.9A | Spurious emissions for CA in FR1 |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start of changes \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*