**3GPP TSG-RAN WG4 Meeting # 103-eR4-22xxxxx**

**Electronic Meeting, 9 - 20 May 2022**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **36.124** | **CR** | **<CR#>** | **rev** | **<Rev#>** | **Current version:** | **9.2.0** |  |
|  | | | | | | | | |
| *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)*.* | | | | | | | | |
|  | | | | | | | | |

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

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Big CR for TS 36.124 Maintenance (Rel-9, CAT A) | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | MCC, Nokia | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI8, LTE-RF | | | | |  | ***Date:*** | | | 2022-05-24 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **A** |  | | | | | ***Release:*** | | | Rel-9 |
|  | *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:*** | | This big CRs merge the multiple endorsed draft CRs. The reason for change in each endorsed draft CR is copied below.  R4-2209658 Draft CR to TS 36.124: correction of the Rx spurious exclusion band (band-agnostic), Rel-9  Recently, new E-UTRA band 103 was introduced in Rel-17. It was observed, that it was not implemented to the TS 36.124 specification. At the same time,it was observed that Rx exclusion zone was not defined for bands 17.  In order to reduce the workload related to the new bands introduction, this CR is introducing a band-agnostic way to define the Rx exclusion band. Similar correction was already introduced in other EMC specifications to redure the workload when new bands are introduced. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | The summary of change in each endorsed draft CR is copied below.  R4-2209658 Draft CR to TS 36.124: correction of the Rx spurious exclusion band (band-agnostic), Rel-9  Introduction of a band-agnostic Rx exclusion band definition. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The consequences if not approved for each endorsed draft CR are copied below.  R4-2209658 Draft CR to TS 36.124: correction of the Rx spurious exclusion band (band-agnostic), Rel-9  Rx exclusion bands would be missing for some of the existing bands. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 4.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | | The other comments for each endorsed draft CR are copied below.  R4-2209658 Draft CR to TS 36.124: correction of the Rx spurious exclusion band (band-agnostic), Rel-9  @MCC: please note that the list of the operating bands in clause 4.4 was growing over the time/releases. All the bands listed in clause 4.4 shall be removed by this CR, and replaced by the new equation. For simplicity, all the related CRs are Cat. A. Below, details of the related bands list is provided:  - Rel-8, 9: bands up to Band 40  - Rel-10: bands up to Band 43  - Rel-11, 12: bands up to Band 44  - Rel-13: bands up to Band 68  - Rel-14: bands up to Band 70  - Rel-15: bands up to Band 85  - Rel-16, 17: bands up to Band 88 | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

**<Start of change>**

4.4 Receiver exclusion band

The receiver exclusion band for terminals extends from the lower frequency of the allocated receiver band minus 85 MHz to the upper frequency of the allocated receiver band plus 85 MHz. The *receiver exclusion band* for UE is the frequency range over which no tests of radiated immunity of a receiver are made. The exclusions bands are as set out below:

FDL,low – 85 < f < FDL,high + 85 (MHz)

Where values of FDL,low and FDL,high are defined for each operating band in TS 36.101 [11], clause 5.5.

**<End of change>**