**3GPP TSG-RAN WG4 Meeting #** **107 *R4-2309819***

**Incheon, KR, May 22 – May 26, 2023**

|  |
| --- |
| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  | **38.151** | **CR** | **0005** | **rev** | **1** | **Current version:** | **17.3.0** |  |
|  |
| *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)*.* |
|  |

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

|  |
| --- |
|  |
| ***Title:***  | CR to TS 38.151 on FR1 power validation pass/fail limit |
|  |  |
| ***Source to WG:*** | Huawei, HiSilicon, CAICT, MVG |
| ***Source to TSG:*** | R4 |
|  |  |
| ***Work item code:*** | NR\_MIMO\_OTA |  | ***Date:*** | 2023-05-24 |
|  |  |  |  |  |
| ***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 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:*** | In TS 38.151, power validation is still FSS. A power validation pass/fail limit is agreed in RAN4 #106 and is reflected in the CR. |
|  |  |
| ***Summary of change:*** | Capture the power validation pass/fail limit agreed in RAN4 #106. |
|  |  |
| ***Consequences if not approved:*** | Power validation pass/fail limit is not available. |
|  |  |
| ***Clauses affected:*** | C.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 change >

## C.4.6 Pass/Fail Criteria of Power validation

This clause defines the pass/fail criteria of power validation, this pass/fail limit applies to all channel models in all FR1 frequency bands.

The power validation pass/fail limit is specified as ± 1.5 dB.

< end of change >