**3GPP TSG-RAN4 Meeting #116 *R4-25XXXXX***

**Bengaluru, India, 25th Aug. 2025 - 29th Aug. 2025**

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| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  | **38.101-1** | **CR** | **-** | **rev** | **-** | **Current version:** | **19.2.0** |  |
|  |
| *For* ***[HELP](http://www.3gpp.org/3G_Specs/CRs.htm%22%20%5Cl%20%22_blank)*** *on using this form: comprehensive instructions can be found at <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:***  | Draft CR to Rel-19 TS38.101-1 on receiver characteristics for LP-WUR |
|  |  |
| ***Source to WG:*** | ZTE Corporation, Sanechips, OPPO, CMCC, Huawei, Vivo |
| ***Source to TSG:*** | R4 |
|  |  |
| ***Work item code:*** | NR\_LPWUS-Core |  | ***Date:*** | 2025-08-28 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***Release:*** | Rel-19 |
|  | *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-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19) Rel-20 (Release 20)* |
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| ***Reason for change:*** | Introduce spurious emissions requirements for LP-WUR. |
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| ***Summary of change:*** | Legacy spurious emission requirement should also apply to LP-WUR. Add a new clause to define spurious emissions for LP-WUR. |
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| ***Consequences if not approved:*** | Spurious emissions requirements for LP-WUR are not defined in the specification. |
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| ***Clauses affected:*** | 7.7M(new), 7.8M.1(new), 7.8M.2(new), 7.9M(new) |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **x** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** | **x** |  |  Test specifications | TS38.521-1 |
| ***(show related CRs)*** |  | **x** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

## << Start of change >>

## 7.9J Spurious emissions for ATG

For ATG UE, the spurious emissions as specified in clause 7.9 applies.

## 7.9M Spurious emissions for LP-WUR

For LP-WUR, the spurious emissions as specified in clause 7.9 applies.

## << End of change >>