**3GPP TSG-RAN WG4 Meeting #116 R4-25XXXXX**

**Bengaluru, India, August 25th – 29th, 2025**

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| *CR-Form-v12.3* |
| **CHANGE REQUET** |
|  |
|  | **38.133** | **CR** | **draftCR** | **rev** |  | **Current version:** | **19.1.0** |  |
|  |
| *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-ReqUEts*](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:***  | (NR\_LPWUS) draftCR on 5.X.2.3 MR serving cell measurement and evaluation requirements |
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| ***Source to WG:*** | Xiaomi |
| ***Source to TSG:*** | R4 |
|  |  |
| ***Work item code:*** | NR\_LPWUS-Core |  | ***Date:*** | 2025-08-13 |
|  |  |  |  |  |
| ***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:*** | Add MR serving cell measurement and evaluation requirements in RRC\_INACTIVE mode for UE capable of LP-WUS based on progress in NR\_LPWUS-Core. |
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| ***Summary of change:*** | Add MR serving cell measurement and evaluation requirements in RRC\_INACTIVE mode for UE capable of LP-WUS based on progress in NR\_LPWUS-Core. |
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| ***Consequences if not approved:*** | MR serving cell measurement and evaluation requirements for UE capable of LP-WUS are incomplete. |
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| ***Clauses affected:*** | NEW 5.X.2.3 |
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|  | **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 ...  |
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| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

<Start of Change 1>

5.X.2.3 Measurement and evaluation of serving cell by MR

The requirements in clause 4.X.2.3 shall apply.

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### 5.X.2.3A Measurement and evaluation of serving cell by Redcap

The requirements in clause 4.X.2.3A shall apply.

<End of Change 1>