**3GPP TSG-RAN WG2 Meeting #131 *R2-25xxxxx***

 **Bangalore, India, 25th – 29th Aug, 2025**

|  |
| --- |
| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  | **38.306** | **CR** | **-** | **rev** | **-** | **Current version:** | **18.6.0** |  |
|  |
| *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 | **x** | Core Network | **x** |

|  |
| --- |
|  |
| ***Title:***  | Running CR of AI/ML for NR Air interface UE capability |
|  |  |
| ***Source to WG:*** | Xiaomi, OPPO |
| ***Source to TSG:*** | R2 |
|  |  |
| ***Work item code:*** | NR\_AIML\_air-Core |  | ***Date:*** | 2025-08-08 |
|  |  |  |  |  |
| ***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)* |
|  |  |
| ***Reason for change:*** | Introduction of AI/ML for NR Air interface feature in Rel-19. |
|  |  |
| ***Summary of change:*** | Capture AI/ML for NR air interface UE capbility |
|  |  |
| ***Consequences if not approved:*** | AI/ML for NR Air interface feature in Rel-19 will not be implemented. |
|  |  |
| ***Clauses affected:*** | 4.2 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** | **X** |  |  Other core specifications  | TS38.300 … CR …TS38.331 … 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*

# 4 UE radio access capability parameters

## 4.2 UE Capability Parameters

### 4.2.xx AI/ML features

| Definitions for parameters | Per | M | FDD-TDD DIFF | FR1-FR2 DIFF |
| --- | --- | --- | --- | --- |
| ***applicabilityReportingCSI-r19***Indicates whether the UE supports applicability reporting based on inference configuration provided via *CSI-ReportConfig*, as specified in TS 38.331 [9].*Editor’s Note: FFS on which RAN1 FG(s) UE is mandatory to support if UE supports this capability.* | UE | CY | No | No |
| ***applicabilityReportingOther-r19***Indicates whether the UE supports applicability reporting based on inference configuration provided via *OtherConfig*, as specified in TS 38.331 [9].*Editor’s Note: FFS on which RAN1 FG(s) UE is mandatory to support if UE supports this capability.* | UE | CY | No | No |

*END OF CHANGES*