**3GPP TSG-WG4 Meeting # 112 *R4-2412xxx***

 **Maastricht, NL, 19 - 23 August 2024**

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| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  | **38.133** | **CR** | **draftCR** | **rev** | **1** | **Current version:** | **18.6.0** |  |
|  |
| *For* ***[HE](http://www.3gpp.org/3G_Specs/CRs.htm%22%20%5Cl%20%22_blank)******[LP](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:***  | draftCR 38.133 Core requirements for CPP |
|  |  |
| ***Source to WG:*** | Ericsson |
| ***Source to TSG:*** | R4 |
|  |  |
| ***Work item code:*** | NR\_pos\_enh2-Core |  | ***Date:*** | 2024-08-09 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** | *Rel-18* |
|  | *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:*** | To align the core requirement for CPP measurements with RAN2 signaling for CPP measurements. |
|  |  |
| ***Summary of change:*** | Core requirement for CPP measurements are aligned with RAN2 signaling for CPP measurements. |
|  |  |
| ***Consequences if not approved:*** | Core requirement for CPP measurement is not clear. |
|  |  |
| ***Clauses affected:*** | 4.5.5.3, 5.6.7.3, 5.6.8.3, 9.9.7.3, 9.9.8.3. |
|  |  |
|  | **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 #1**

#### 4.5.5.3 Measurement Capability

The UE PRS RSTD and DL-RSCPD measurement capabilities in RRC\_IDLE state are as indicated by the UE in *NR-DL-TDOA-ProvideCapabilities*, according to TS 37.355 [34].

## **END OF CHANGE #1**

## **START OF CHANGE #2**

#### 5.6.7.3 Measurement Capability

The UE PRS RSTD and DL-RSCPD measurement measurement capabilities in RRC\_INACTIVE state are as indicated by the UE in *NR-DL-TDOA-ProvideCapabilities*, according to TS 37.355 [34].

## **END OF CHANGE #2**

## **START OF CHANGE #3**

#### 5.6.8.3 Measurement Capability

UE Rx-Tx time difference and DL-RSCP measurement capabilities are as indicated by the UE in *NR-Multi-RTT-ProvideCapabilities,* according to TS 37.355 [34].

## **END OF CHANGE #3**

## **START OF CHANGE #4**

9.9.7.3 Measurement Capability

UE PRS RSTD and RSCPD measurement capabilities are as indicated by the UE in *NR-DL-TDOA-ProvideCapabilities*, according to TS 37.355[34].

## **END OF CHANGE #4**

## **START OF CHANGE #5**

#### 9.9.8.3 Measurement Capability

UE Rx-Tx time difference and DL-RSCP measurement capabilities are as indicated by the UE in *NR-Multi-RTT-ProvideCapabilities,* according to TS 37.355 [34].

## **END OF CHANGE #5**