**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" \l "_blank)******[LP](http://www.3gpp.org/3G_Specs/CRs.htm" \l "_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 can be 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**