**3GPP TSG- Meeting #**

**, , -**

|  |
| --- |
| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  | **28.552** | **CR** | **0604** | **rev** | **-** | **Current version:** | **19.0.0** |  |
|  |
| *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 |  | Radio Access Network | **X** | Core Network |  |

|  |
| --- |
|  |
| ***Title:***  | Rel-19 CR TS 28.552 Use case for informative Annex A |
|  |  |
| ***Source to WG:*** |  |
| ***Source to TSG:*** | S5 |
|  |  |
| ***Work item code:*** | PM\_KPI\_5G\_Ph4 |  | ***Date:*** |  |
|  |  |  |  |  |
| ***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:*** | The use case in informative annex A for performance measurement defined in clause 5.1.1.1.9 is missing. So it is required to be added to adhere to format and requirement of the specification. |
|  |  |
| ***Summary of change:*** | It adds a use case in informative annex A corresponding to PM of clause 5.1.1.1.9 |
|  |  |
| ***Consequences if not approved:*** | The use case in informative annex A corresponding to PM of clause 5.1.1.1.9 will be missing unlike other existing PMs |
|  |  |
| ***Clauses affected:*** | Annex A. New clause A.X |
|  |  |
|  | **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:*** |  |

|  |
| --- |
| **First Change** |

Annex A (informative):
Use cases for performance measurements

# A.X Monitoring of Distribution of delay over Uplink air-interface (Uu)

Distribution of delay over Uplink air-interface (Uu) is helpful in Reliability assessment in UL based on a time constraint imposed by URLLC service. It enables operators to track the performance of a URLLC service and for some scenarios, an operator can use the delay value of each packetfor analysing and troubleshooting as it would know it from the bins internally. As the consumers will get more granular performance for each packet delay so it can further pinpoint the issue that is causing delays for certain types of packets and can eventually fix it. In case of a URLLC service, its optimisation can be done, if the SLA is breached.

|  |
| --- |
| **End of Changes** |