**3GPP TSG-RAN2 Meeting #116bis-e *R2-22xxxxx***

Electronical meeting, 17th- 25th January 2022

**Title: [Draft] QoE measurements in NR**

**Release:** Rel-17

**Work Item:** NR\_QoE-Core

**Source:** Ericsson (to be RAN2)

**To:** CT1

**Cc:** RAN3, SA4, SA5

**Contact Person:**

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**Attachments:**

**1. Overall description:**

RAN2 has discussed the configuration and reporting of QoE measurements in NR. In NR, the UE may be configured with multiple QoE measurement configurations using a list (0..15) where each QoE configuration is identified using *measConfigAppLayerId* identifier. Each *measConfigAppLayerId* is optionally associated with a *serviceType* and a QoE configuration container.

At QoE configuration release in Access Stratum, the *measConfigAppLayerId* is indicated by the Access Stratum layer to the application layer to indicate a release of a certain QoE measurement configuration. In addition, AS layer may indicate to upper layers to release all QoE measurement configurations, i.e. without indicating any specific *measConfigAppLayerId*. RAN2 assumes the *serviceType* does not need to be forwarded to the application layer at release as upper layers can identify the impacted applications based on previously received configurations.

At QoE reporting, the *measConfigAppLayerId* and, optionally, the QoE report container needs to be forwarded from the application layer to the AS layer. Afterwards, the UE sends the application layer report container to the network, together with a corresponding *measConfigAppLayerId*.

The existing AT-command for QoE measurements is still being used in LTE.

RAN2 kindly asks CT1 to consider the above in specifying the AT commands for NR QoE in their specifications.

**2. Actions:**

**To 3GPP CT1**

**ACTION:**

RAN2 respectfully asks CT1 to take the above agreements into account and specify the relevant AT-commands for NR QoE in their specifications.

**3. Date of next TSG RAN WG2 meetings:**

RAN2#117 21st February - 3rd March 2022 Online

RAN2#118 16th May - 27th May 2022 Online