**3GPP TSG-RAN2 Meeting #115-e *R2-21xxxxx***

Electronic meeting, 9th - 27th Aug 2021

**Title: [Draft] QoE Reference and maximum number of QoE configurations in RRC**

**Release:** Rel-17

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

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

**To:** SA5, RAN3

**Cc:** SA4

**Contact Person:**

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**Attachments:**

**1. Overall description:**

RAN2 has discussed the configuration of QoE measurements in RRC\_CONNECTED and have agreed to define a short RRC identifier, *MeasConfigAppLayerId*, to identify each QoE measurement configuration. The *MeasConfigAppLayerId* is sent together with each QoE report from the UE to the network. According to RAN2 understanding the short *MeasConfigAppLayerId* can be mapped to the QoE Reference in the gNB and forwarded to OAM together with the report. The mapping can be transferred to the target gNB as part of QoE measurement configuration at handover. Thereby, the QoE Reference does not need to be sent to the UE outside the container for QoE measurements in RRC\_CONNECTED. RAN2 would like to confirm this understanding with SA5.

RAN2 is discussing the maximum number of simultaneous QoE measurement configurations for a UE. Considering the supported service types and that RAN3 is discussing support for different QoE configurations and/or reports for different slices, RAN2 is considering values 8, 16, 32 or 64 for maximum number of simultaneous QoE configurations in the UE. RAN2 would like to ask SA5 for guidance on the maximum number of simultaneous QoE measurement configurations in the UE.

**2. Actions:**

**To 3GPP SA5**

**ACTION:**

RAN2 respectfully asks SA5 for feedback on:

- Not sending the QoE Reference outside the container in RRC signalling to a UE in RRC\_CONNECTED

- The maximum number of simultaneous QoE configurations in the UE

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

RAN2#116-e 1st November - 12th November 2021 Online

RAN2#117 21st February - 25th February 2022 Athens, Greece