**3GPP TSG-RAN WG3 Meeting #114-eR3-216138**

**Online, November 1st – 11th 2021**

**Title:**  RAN3 agreements on RAN visible QoE

**Response to:** -

**Release:** Rel-17

**Study Item:** NR\_QoE

**Source:** RAN3

**To:** RAN2

**Cc:** -

**Contact Person:**

**Name:**  Shankar Krishnan

**E-mail Address:** shakrish@qti.qualcomm.com

**Send any reply LS to: 3GPP Liaisons Coordinator,**[**mailto:3GPPLiaison@etsi.org**](mailto:3GPPLiaison@etsi.org)

**Attachments:** -

**1. Overall description:**

RAN3 has made certain agreements on RAN visible QoE in R3#114e, of which the following might be of interest to RAN2 in their specification work.

**RVQoE metrics**

Interaction latency or comparable quality viewport switching latency metric is NOT considered as a RAN visible QoE metric in Rel-17

Buffer level is confirmed as a RAN visible QoE metric for DASH and VR service types

Playout delay for media startup is confirmed as a RAN visible QoE metric for DASH and VR service types

**RVQoE configuration**

RAN Visible QoE and legacy QoE can be configured together or separately. In case RAN visible QoE is configured separately, it can be configured only after configuring legacy QoE.

NG-RAN can release a list of RAN visible QoE configurations while not releasing the corresponding legacy QoE configurations

If the legacy QoE configuration is released, the corresponding RAN visible QoE configuration is released as well

RAN visible QoE configuration can include at least the RAN visible QoE metrics to be reported, service type and a measurement ID for the RAN visible QoE. Whether existing IEs can be reused for service type and measurement ID and the signaling design is up to RAN2

There is no need to consider Start Time, Duration and Sample Percentage in the RAN Visible QoE configuration in Rel-17

**RVQoE reporting**

RAN3 should discuss whether the existing identified RAN visible QoE metrics (or values if agreed) justifies the need of a separate reporting periodicity for RAN visible QoE

RAN3’s decision on whether to have a different reporting periodicity for RAN visible QoE is independent of RAN2’s decision on which SRB to use for RAN visible QoE

**2. Actions:**

**To 3GPP RAN2:**

RAN3 respectfully asks RAN2 to consider the above agreements in their corresponding work on RAN visible QoE and to provide specification support for the same.

**3. Date of next TSG RAN WG3 meeting:**

RAN3#114-bis-e January 17th  - 26th 2022 Online