**3GPP TSG-RAN WG2 Meeting #121 R2-23xxxxx**

**Athens, Greece, 27th of Feb – 3rd of Mar 2023**

**Title: [DRAFT]** LS on buffer level threshold-based RVQoE reporting

**Response to:**

**Release:** Release 18

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

**Source:** Apple [RAN2]

**To:** SA4

**Cc:** RAN3

**Contact Person:**

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**Attachments:** -

**1. Overall Description:**

RAN3 has agreed to introduce buffer level threshold-based triggering of RVQoE reporting in Rel-18, and RAN2 has further discussed whether triggering of RVQoE reporting based on buffer level should be handled by APP layer or AS layer.

From RAN2 perspective, buffer level threshold-based triggering of RVQoE reporting handled by either APP layer or AS layer is feasible, but RAN2 prefers APP layer handling.

* With APP layer triggering, APP layer provides RVQoE measurements reports to AS layer when the measured buffer level satisfies a buffer level threshold, and the AS layer reports to gNB the RVQoE measurements received from the APP layer.
* With AS layer triggering, APP layer provides RVQoE measurements reports to AS layer according to the configured reporting periodicity (i.e. Rel-17 RVQoE reporting mechanism is reused), and the AS layer reports to gNB the RVQoE measurements when the received buffer level measurements satisfy a buffer level threshold.

RAN2 would like to ask SA4 to confirm APP layer triggering of buffer level threshold-based RVQoE reporting can be supported in Rel-18.

**2. Actions:**

**To SA4 group.**

**ACTION:** RAN2 respectfully asks SA4 to confirm APP layer triggering of buffer level threshold-based RVQoE reporting can be supported in Rel-18.

**3. Date of Next TSG-RAN2 Meeting:**

3GPP RAN2#121bis from 2023-04-17 to 2023-04-26 Electronic Meeting

3GPP RAN2#122 from 2023-05-22 to 2023-05-26 Incheon, KR