**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:**

#### Name: Ping-Heng Wallace Kuo

E-mail Address: pingheng\_kuo@apple.com

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

**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.

Based on the views from majority of companies in RAN2, buffer level threshold-based triggering of RVQoE reporting by either APP layer or AS layer is feasible, but RAN2 prefers APP layer triggering.

* With APP layer triggering, APP layer provides RVQoE measurement to AS layer when the measured buffer level is lower than a pre-determined buffer level threshold, and the AS layer reports the RVQoE measurements received from the APP layer.
* With AS layer triggering, APP layer provides RVQoE measurement to AS layer, and the AS layer reports the RVQoE measurements when the received buffer level measurement is lower than a pre-determined buffer level threshold.

RAN2 would like SA4 to confirm if SA4 can make required specifications changes in Rel-18 to support APP layer triggering of buffer level threshold-based RVQoE reporting.

**2. Actions:**

**To SA4 group.**

**ACTION:** RAN2 respectfully asks SA4 to confirm if SA4 can make required specification changes in Rel-18 to support APP layer triggering of buffer level threshold-based RVQoE reporting.

**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