**3GPP T****SG-RAN WG2 Meeting #113e R2-2102414**

**E-Meeting: Jan 25th – Feb 5th, 2021**

**Title:** LS reply on QoE Measurement Collection

**Response to:** S5-205347 (RP-202151) QoE Measurement Collection

**Release:** Release 17

**Work Item:** NR QoE SI

**Source:** RAN2

**To:** SA5

**CC:** RAN3, SA, SA4, RAN, CT1

**Contact Person:**

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**Attachments:**

**1. Overall Description:**

RAN2 thanks for SA5 the LS S5-205347 (R2-2100079) on QoE Measurement Collection.

RAN2 would like to point out that RAN2 Rel-16 specifications were already finalized and at the moment it was not possible to introduce non-backwards compatible changes. Therefore, RAN2 was not able to implement mobility support functionality in Rel-16. RAN2 is currently discussing the requirements mentioned by SA5 in their LS for the QoE solution which is to be developed in Rel-17 for NR.

RAN2 considered the different features requested to be implemented in Rel-17 for NR QoE and have the following updates:

1. **Mobility support for QoE measurement**: RAN2 acknowledges the need for area handling during the mobility for QMC support. The exact solution will be discussed in the WI phase.
2. **Simultaneous QMCs in a UE**: RAN2 agreed that “Configuration and Reporting for multiple simultaneous QoE measurements for a UE can be supported (can determine whether there is AS impact in the WI phase)”. The means for distinguishing QoE reports by the gNB will be decided in WI.
3. **Temporary stop and restart at RAN overload**: RAN2 agreed to support pause/resume mechanism for QoE reporting during RAN overload with RRC signalling. The exact solution detail is still under discussion.

**2. Actions:**

**To: SA5**

**ACTION:** RAN2 kindly asks SA5 to take the above information into account and take action as necessary

**3. Date of Next RAN2 Meetings:**

RAN2#113-bis-e 12 – 20 April 2021 Online

RAN2#114-e 19 – 27 May 2021 Online