**3GPP TSG-WG SA4 Meeting #117E e-meeting *S4-220239***

**Elbonia, February 14th – 23rd, 2022**

Title: [DRAFT] LS Reply on RAN visible QoE

Response to: LS (R2-2202026/S4-220191)

Release: Rel-17

Work Item: NR\_QoE-Core

Source: SA4

To: RAN2

Cc: RAN3

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

**1. Overall Description:**

SA4 thanks RAN2 about the LS on RAN Visible QoE. For the assumptions made by RAN2, SA4 provides the feedback as following.

* *Assumption 1a: RAN2 specifies the maximum number of buffer level entries (ASN.1 value) for each buffer level metric report in one reporting message.*

[Answer]: The application layer just reports the measured buffer level entries to the AS layer and the maximum number in one reporting message defers to RAN2’s decision.

* *Assumption 1c: It is UE implementation on which buffer level entries should be reported for each buffer level metric report when the received number of buffer level entries exceeds the maximum number.*

[Answer]: That makes sense to drop the remaining buffer level entries when exceeding the maximum number.

* *Assumption 2a: The time parameter “t” is not reported for each buffer level entry.*
* *Assumption 2b: It is expected that application layer does not send parameter “t” to AS layer.*

[Answer]: Yes. The application layer can remove the parameter “t” before reporting to the AS layer.

* *Assumption 3: Taking the granularity 10ms for level value as baseline, i.e. integer value 1 corresponds to 10ms, value 2 corresponds to 20ms, and so on.*
* *Assumption 4a: Taking the maximum value of 5min as baseline for level value range.*
* *Assumption 4b: UE sets the value to 5min if the received level value is more than 5min.*

[Answer]: Fine. After receiving the level values from the application layer, the AS layer can sets the value to 5min if the received level value is more than 5min.

* *Assumption 5: Taking the maximum value 30 seconds as baseline for playout delay for media startup value range.*
* *Assumption 6: Taking the granularity 1ms as baseline for playout delay, i.e. integer value 1 corresponds to 1ms, value 2 corresponds to 2ms, and so on.*

[Answer]: Fine.

**2. Actions:**

**To RAN2 group.**

**ACTION:** SA4 asks RAN2 group to take the above reply into account and provide feedback if any.

**3. Date of Next TSG SA WG4 Meetings:**

SA4#118-e 6 – 14 April 2022 E-Meeting

SA4#119-e 11 – 20 May 2022 E-Meeting