



RP-213377

3GPP TSG RAN #94e

Electronic Meeting, December 6 - 17, 2021

Pause/Resume functionality in NR QoE

Apple Inc.

Pause/Resume functionality

- The NR QoE WID contains the following objective
 - Specify QoE measurement handling at RAN overload, including pause and resume of QoE measurement reporting
- However, based on an LS from SA4 ([R2-2109385/S4-211290](#)), it seems that this is not a real problem
 - “Will pausing of QoE reporting during RAN overload effectively help the RAN, given that the average QoE load per application is <100 bits/sec?”
- Even with multiple QoE configurations, “pausing” QoE measurement reporting is unlikely to help in alleviating RAN overload
- RAN2 has made some progress on this topic but not completely finished the work involved
 - Some of the agreements (e.g., QoE configuration specific pausing) are over-engineered
 - Discussion on where measurements are stored (APP or AS layer) has been highly contentious
- Proposal: **Drop pause/resume functionality from Release 17 QoE WID scope**



