**3GPP TSG-RAN WG1 #102-e R1-200xxxx**

**e-Meeting, August 17th – August 28th, 2020**

**Title:** Draft LS on RAN1 discussion on simulations for 5G-ACIA

**Response to:** Related to R1-2006953/RP-201279

**Release:** -

**Work Item:** -

**Source:** Ericsson [TSG RAN WG1]

**To:** TSG RAN

**Cc:** -

**Contact Person:**

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**Attachments:** -

**1. Overall Description:**

RAN1 discussed the LS from 5G-ACIA on 3GPP NR Rel-16 URLLC and IIoT performance evaluation. As per RAN guidance, RAN1 made an initial determination of how much work this request entails and provides that information to RAN.

The work will consist of agreeing on evaluation methodology and simulation assumptions, companies to generate and present the simulation results with likely a second round for refinements before drawing the final conclusions

From a time unit perspective, it is RAN1’s estimate is that the work will require 3-4 meetings with 0.5-1 TU per meeting.

As for how to organize the work if agreed to be started, options mentioned were to have the work as part of Rel-16 maintenance, included as part the Rel-17 URLLC/IIoT work item or as a separate study item. RAN1 leaves that decision to RAN.

**2. Actions to RAN:**

RAN1 respectfully asks RAN to take the above information into consideration

**3. Date of next TSG RAN WG1 Meetings:**

TSG RAN WG1 Meeting #103-e 26th October – 13th November, 2020 Online

TSG RAN WG1 Meeting #104 1st – 5th March, 2021 GR