**3GPP TSG RAN WG1 #104bis-e R1-210xxxx**

**e-Meeting, April 12th – 20th, 2021**

**Title:** LS on correction of round trip delay drift rate for NTN scenarios in TR38.821

**Response to:** N/A

**Release:** Rel-16

**Work Item:** FS\_NR\_NTN\_solutions

**Source:** RAN WG1

**To:** RAN WG3

**Cc:**

**Contact Person:**

#### Name: Karri Ranta-aho

#### E-mail Address: karri.ranta-aho@nokia.com

**Attachments:** [R1-2103936](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_104b-e/Docs/R1-2103936.zip) TP on round trip delay drift rate for NTN scenarios

**1. Overall Description:**

RAN1 noticed that the maximum round trip delay variation in TR38.821 is significantly under estimated when considering the round-trip delay in the worst case scenario and has endorsed a TP in R1-2103936 updating the maximum round trip delay variation values to reflect the variation that would be observed when taking into account the round trip effect.

The TR38.821 is under RAN3 responsibility and thus RAN1 is kindly asking RAN3 to take the RAN1-endorsed TP and formally agree a CR to 38.821 with the same content.

**2. To RAN WG3 group.**

**ACTION:** RAN1 respectfully asks RAN3 to formally agree a CR to 38.821 with the RAN1-endorsed content.

**3. Date of Next TSG-RAN WG1 Meetings:**

TSG-RAN1 Meeting #105-e Online May 20-27

TSG-RAN1 Meeting #106-e Online August 16-27