**3GPP TSG-RAN WG2 Meeting #127 *DRAFT*\_** **R2-2407630**

**Maastricht, Netherlands, Aug 19th – 23rd, 2024**

**Title: [Draft]** LS on correction on network verification of UE location

**Response to: -**

**Release:** Rel-18

**Work Item:** NR\_NTN\_enh-Core

**Source:** RAN2

**To:** RAN1

**Cc:** -

**Contact person:** Xiao XIAO

xiaoxiao@catt.cn

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

**Attachments:** R2-2407629

1 Overall description

RAN2 would like to inform RAN1 that according to the below paragraph cited from TS 38.214, RAN2 agreed the CR to capture the corresponding higher layer parameter (i.e. *nr-NTN-UE-RxTxMeasurementsRequest* in the attached CR) into TS 37.355.

|  |
| --- |
| The UE may be configured to measure and report, via higher layer parameter [undetermined NTN related parameter] subject to UE capability, UE Rx-Tx time difference measurements on a PRS resource associated with a *dl-PRS-ID,* and report the UE Rx-Tx time difference subframe offset and the DL timing drift as described in [7, TS 38.215]. |

2 Actions

**To RAN4**

RAN2 respectfully asks RAN1 to take above information into consideration and make necessary specification change.

3 Dates of next TSG-RAN WG2 meetings

TSG RAN WG2 Meeting #127bis 14 – 18, October, 2024 Hefei, CN

TSG RAN WG2 Meeting #128 18 – 22, November, 2024 Orlando, US