**3GPP TSG-RAN WG3 Meeting #127bisR3-25xxxx**

**Wuhan, China, 7 – 11 April 2025**

**Title: LS reply on AI/ML Positioning Case 3b**

**Response to: R3-251510/R1- 2501628**

**Release: Release 19**

**Work Item: NR\_AIML\_air-Core**

**Source: RAN3**

**To:** RAN1, RAN2

**Cc:**

**Contact Person:**

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

**Attachments:**

**1. Overall Description:**

RAN3 thanks RAN1 for their agreements, working assumption and conclusion related to Case 3b

RAN3 has made the following agreements:

|  |
| --- |
| 1. The existing LCS framework is re-used for AI/ML positioning.
2. RAN3 agrees to re-use the Measurement procedures defined in NRPPa and F1AP to support requesting and reporting the related measurements (UL-RTOA and sample-based measurements) to LMF for Case 3b.
3. RAN3 agrees the following enhancements to support sample-based measurement configuration:
* Introduce new Channel Response Window Size IE and Channel Response Number IE in TRP Measurement Quantities Item
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**2. Actions:**

**To RAN1, RAN2.**

**ACTION:**  RAN3 asks RAN1 to take the above into account.

**3. Date of Next TSG RAN WG3 Meetings:**

TSG-RAN3 Meeting #128 May 19-23, 2025 Malta, MT

TSG-RAN3 Meeting #129 August 25-28, 2025 Bangalore, India