**3GPP TSG RAN WG1 #120 R1-2501478**

**Athens, Greece, February 17th – 21st, 2025**

**Title:** LS on missing RRC parameter for PRACH transmission in 2TA enhancement

**Release:** Release 18

**Work Item:** NR\_MIMO\_evo\_DL\_UL-Core

**Source:** RAN1, CATT

**To:** RAN2

**Cc:**

**Contact Person:**

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

**Attachments: None**

**1. Overall Description:**

RAN1 would like to respectfully ask RAN2 to reflect the following agreements regarding the missing RRC parameter for PRACH transmission in 2TA enhancement:

* **Proposal 1:**

**Introduce a new parameter to *RACH-ConfigTwoTA-r18* for indicating the restricted sets of cyclic shift for PRACH associated with additional configured PCI.**

* **Proposal 2:**

**Send an LS to RAN2 to ask for adding a new RRC parameter in *RACH-ConfigTwoTA-r18* for indicating the restricted sets of cyclic shift for PRACH associated with additional configured PCI.**

**Actions**

**To RAN2**

**ACTION:** RAN1 respectfully asks RAN2 to take the information into consideration.

**Date of next TSG-RAN WG1 meeting**

TSG RAN WG1 Meeting #120bis 7th April – 11th April 2025 Wuhan, China

TSG RAN WG1 Meeting #121 19th May – 23rd May 2025 Malta, MT