**3GPP TSG RAN WG1 #120 R1-250XXXX**

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

**Title: Reply LS on differentiation of sDCI mTRP, mDCI mTRP and sTRP**

**Release: Release 18**

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

**Source: RAN1, CATT**

**To: RAN2**

**Cc:**

**Contact Person:**

 **Name: Jiayi Yang**

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

**Attachments: None**

**1. Overall Description:**

In RAN1#120, the following LS in sent from RAN2 to ask for suggestions from RAN1 on differentiation of sDCI mTRP, mDCI mTRP and sTRP [1]:

R1-2500013 LS on differentiation of sDCI mTRP, mDCI mTRP and sTRP CATT

There are two issues raised in the LS. The first issue is to differentiate between sDCI mTRP/sTRP vs mDCI mTRP for operated cells, while the second issue is differentiate between sTRP vs sDCI mTRP for the operated cells. Question 1a, 1b, 2a and 2b are provided corresponding to the issues raised.

In RAN1 #120, the following agreement is achieved regarding the question 1a and 1b in the LS as follows:

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| --- |
| **Agreement**The following is agreed as response to RAN2 LS in R1-2500013* The answer to question 1a is NO
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Regardind the second issue, RAN1 will continue the discussion and stirve to a consensus in the next meeting for the answers to question 2a and 2b.

**Actions**

**To RAN2**

**ACTION:** RAN1 respectfully asks RAN2 to take the above 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