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

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

**Title: [Draft] Reply LS on UL 8Tx**

**Response to: R1-2500012 (R2-2411220)**

**Release: Release 18**

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

**Source: TSG RAN WG1**

**To: TSG RAN WG2**

**Contact person: Sa Zhang**

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

**Attachments: None**

1 Overall description

RAN1 thanks RAN2 for the LS on UL 8Tx, RAN 1 made the following agreements related to the Questions from RAN 2:

|  |
| --- |
| Agreement* Proposal 1: Regarding Item 1 of the incoming LS R1-2500012, RAN1 is fine with RAN2’s assumption, with the understanding that it is RAN2 internal assumption to implement RAN2 specifications on UL 8Tx. There is no RAN1 specification change needed based on the RAN2 assumption.
* Proposal 2: Regarding Item 2 of the incoming LS R1-2500012, for UL 8Tx 2TB transmission scheduled by one DCI, for the case where MAC entity only generates a single TB due to the uplink skipping, this case was not considered in previous RAN1 meetings and the current RAN1 specifications do not define UE behaviours to support this case.
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2 Actions

**To RAN2:**

**ACTION:** RAN1 respectfully asks RAN2 to take the above into account in the future work.

3 Dates of the next TSG-RAN WG1 meetings

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

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