**3GPP TSG-RAN WG2 Meeting #127 R2-240xxxx**

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

**Title: [**DRAFT] LS on power control parameters for unified TCI state framework

**Response to:**

**Release:** Rel-17

**Work Item:** NR\_feMIMO-Core

**Source:** Ericsson (to be RAN2)

**To:** RAN1

**Cc:**

**Contact Person:**

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**Attachments:** None

**1. Overall Description:**

Several companies in RAN2 raised that when the unified TCI state framework is configured, some parameters which are included in *PUCCH-PowerControl* and *PUSCH-PowerControl* (which cannot be configured when the unified TCI framework is configured) but absent in Uplink-PowerControl may still be needed.

According to this, RAN2 would like to ask to RAN1 the following questions:

**Question1**: Are there any power control parameters which are not present within the *Uplink-PowerControl* that are necessary to be configured at the UE when the unified TCI state framework is configured? If there are, could RAN1 provide their exact definition and value range?

**Question 2:** If there are parameters from *PUCCH-PowerControl* and *PUSCH-PowerControl* which are needed when the unified TCI state framework is configured, when the *Uplink-PowerControl* is included in the joint or UL TCI state configuration, should these parameters be per joint/UL TCI state or can they be per UL BWP?

**2. Actions:**

**To RAN1 group.**

**ACTION:** RAN2 kindly asks RAN1 to take the above information into account and provide feedback on the questions above.

 **3. Date of Next TSG-RAN2 Meetings:**

3GPP TSG RAN WG2#127bis 14 - 18 October 2024 Hefei, China

3GPP TSG RAN WG2#128 18 - 11 November 2024 Orlando, US