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

Hefei, China, 14-18 October 2024

Title: [Draft] LS to RAN1 on CBR range

Response to: -

Release: Release 18

Work Item: NR\_pos\_enh2

Source: CATT (to be RAN2)

To: RAN1

Cc: -

**Contact Person:**

Name: Jianxiang Li

E-mail Address: lijianxiang@catt.cn

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

Attachments: -

**1. Overall Description:**

RAN2 identified that the maximum number of CBR ranges for dedicated SL PRS resource pool, the maximum number of CBR levels for dedicated SL PRS resource pool and the maximum number of SL PRS transmission Configuration index in *sl-PRS-TxConfigIndexList-r18* in RRC spec are not totally aligned with the RAN1’s parameter list. The details are:

* The maximum number of CBR ranges for SL positioning is 7 in RRC IE *sl-CBR-RangeDedicatedSL-PRS-RP-List-r18* instead of 8 designed by RAN1,
* The maximum number of CBR levels is 15 in RRC IE *SL-CBR-LevelsDedicatedSL-PRS-RP-r18* instead of 16 designed by RAN1,
* The maximum number of SL PRS transmission Configuration index in *sl-PRS-TxConfigIndexList-r18* is 15 in RRC spec instead of 16.

Considering the ASN.1 has already been frozen and extending the value of these parameters will cause complicated signalling work and may cause messiness in asn.1, RAN2 agree not to update the asn.1 for adding the missing one value for the maximum number of configurations for the parameters above according to RAN1’s parameter list.

RAN2 would like to ask RAN1 if it is acceptable that CBR range, CBR level and SL-PRS-TxConfigIndexList are not extended as RAN2 agreed.

**2. Actions:**

**To** **RAN1**

**ACTION:**  RAN2 kindly ask RAN1 to take the above information into consideration and provide feedbacks if needed.

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

TSG-RAN WG2#128 2024-11-18 to 2024-11-22 Orlando, US

TSG-RAN WG2#129 2025-02-17 to 2025-02-21 Athens, GR