3GPP TSG-RAN WG2 Meeting#129bis draft R2-25xxxx

Wuhan, China, Apr. 7th – 11th, 2025

**Title:** Reply LS on Number of UEs in RRC\_INACTIVE state with data transmission

**Response to:** S5-250827

**Release:** Release 19

**Work Item:** PM\_KPI\_5G\_Ph4

**Source:** China Telecom [to be RAN2]

**To:** SA5

**Cc:** RAN3

**Contact person:**

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

**Attachments:** R2-2503035

# 1 Overall description

RAN2 thanks SA5 for providing further information on number of RRC\_INACTIVE UEs in a cell with ongoing SDT metrics SA5 would like RAN2 to specify in S5-250827.

In RAN2#129bis meeting, RAN2 has agreed the CR in principle in R2-2503035, which is to capture SA5 requirement as a new feature in Rel-19.

In addition, RAN2 discussed misalignment between TS 28.552 Clause 5.1.1.23 title “Number of Active UEs” and TS 38.314 Clause 4.2.1.3 title “Number of active UEs in RRC\_CONNECTED” where measurements specified in TS 28.552 Clause 5.1.1.23 refer to measurements specified in TS 38.314 Clause 4.2.1.3. RAN2 assumes the already specified measurements in Rel-16/17/18 TS 38.314 Clause 4.2.1.3 “Number of active UEs in RRC\_CONNECTED” doesn’t contain the number of active UEs in RRC\_INACTIVE with ongoing SDT. RAN2 requests SA5 to comment on whether SA5 makes a similar assumption with respect to the corresponding measurements specified in 28.552 Clause 5.1.1.23 (i.e. whether active UEs in RRC\_INACTIVE with ongoing SDT are excluded or included in the existing Rel-16/17/18 measurements.

# 2 Actions

**To SA5**

**ACTION:** RAN2 respectfully asks SA5 to take into account the information above and provides feedback if there is any concern regarding the RAN2 CR R2-2503035.

 RAN2 respectfully asks SA5 to comment on whether active UEs in RRC\_INACTIVE with ongoing SDT are excluded or included in the existing Rel-16/17/18 TS 28.552 Clause 5.1.1.23 measurements.

# 3 Dates of next TSG-RAN WG2 meetings

TSG-RAN WG2 Meeting #130 19 – 23 May Malta, MT

TSG-RAN WG2 Meeting #131 25 – 29 August Bengaluru, India