**3GPP TSG-SA5 Meeting #156 *S5-245138***

Maastricht, The Netherlands, 19 - 23 August 2024

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

**Response to:**

**Release: Rel-19**

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

**Source: SA5**

**To: RAN2**

**Cc: RAN3**

**Contact person: chenxiumin@chinatelecom.cn**

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

**Attachments:** --

# 1 Overall description

The intention of the SDT (Small Data Transmission) mechanism aims to allow UEs to transmit data in the RRC\_INACTIVE state. SA5 understands the number of SDT UEs in RRC\_INACTIVE state can help operators to evaluate the load status of a specific cell. SA5 would like to ask RAN2 to evaluate whether there is a possibility to specify the number of UEs in RRC\_INACTIVE state with data transmission.

# 2 Actions

**To RAN2**

**ACTION:** SA5 kindly asks RAN2 to provide feedbacks.

# 3 Dates of next TSG SA WG 5 meetings

SA5#157 14 October - 18 October 2024 Hyderabad,India

SA5#158 18 November - 22 November 2024 Orlando, US