**3GPP TSG-RAN WG2 Meeting #124 R2-2313605**

**Chicago, USA, 13 – 17 November, 2023**

**Title:** Response LS on PEMAX,CA for SL CA

**Response to:** R4-2317751

**Release:** Rel-18

**Work Item:** NR\_SL\_enh2-Core

**Source: RAN2**

**To: RAN4**

**Cc: RAN1**

**Contact person: Giwon Park**

**giwon.park@lge.com**

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

**Attachments:**

# 1 Overall description

RAN2 thanks RAN4 for the LS on a capability of UE power class and IE on PEMAX,CA for NR SL CA. For issue 1 on a capability of UE power class, RAN2 will define the capability according to the stable version of feature description. For issue2, RAN2 understands that Alt.2 is consistent with the principle of defining PEMAX,CA for NR UL CA in TS 38.101. Additionally, adopting Alt.2 can give the network more flexibility in controlling PCMAX of NR SL CA. Therefore, RAN2 agreed to take Alt.2 to define the PEMAX,CA for NR SL CA.

* Alt.1: Reuse the existing IE for SL CA, i.e.,
  + PEMAX,CA = IE *sl-maxTransPower (cc1)* + IE *sl-maxTransPower(cc2)*
* Alt.2: Define new IE for SL CA, i.e.,
  + PEMAX,CA = new IE, *sl-maxTransPower-CA*

# 2 Actions

**To RAN4:**

RAN2 respectfully asks RAN4 to take the above information into account in the related work.

# 3 Dates of next TSG-RAN WG2 meetings

TSG RAN WG2 Meeting #125 February 26 – March 1, 2024 Athens, GR

TSG RAN WG2 Meeting #125bis April 15 – 19, 2024 China (TBD)