**3GPP TSG-RAN WG2 Meeting #121 Draft\_R2-2302021**

Athens, Greece, 27th February – 3rd March 2023

**Title:** [draft] Reply LS on Pemax,c of S-SSB transmission

**Response to:** R2-2209160 (R4-2214421)

**Release:** Rel-16

**Work Item:** 5G\_V2X\_NRSL-Core

**Source:** RAN2

**To:** RAN4

**Cc:** RAN1

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**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 the Pemax parameter for S-SSB transmission. RAN2 would like to provide the following answers to RAN4’s questions.

**Q1:** RAN4 agreed not to define PEMAX,c for S-SSB configured Tx Power in TS38.101-1 as highlighted yellow below and would like to know if this can have any impact to RAN1/2, for example, Pcompensation defined in idle mode procedure in TS 38.304?

**Answer**: In the current TS 38.304, there are two IEs, PEMAX1 and PEMAX2, being used to calculate the parameter Pcompensation defined in TS 38.304, but they are used to limit the UE's uplink transmission power on a carrier frequency and have nothing to do with transmission power of S-SSB. Thus not defining the PEMAX,c for S-SSB configured Tx power has no spec impact on TS 38.304. Also, there is no other RAN2 Spec change that is needed due to this RAN4 agreement.

# 2 Actions

**To RAN4**

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

# 3 Dates of next TSG-RAN WG2 meetings

TSG RAN WG2 Meeting #121bis-e April 17th – April 26th, 2023 Online

TSG RAN WG2 Meeting #122 May 22nd – May 26th, 2023 Incheon,KR