**3GPP TSG RAN WG2 Meeting #129 R2-2501484  
Athens, Greece, 17th – 21th Feb., 2025**

**Title: [Draft] Reply LS on SSB adaptation**

**Response to: R4-2416911**

**Release: Rel-19**

**Work Item: Netw\_Energy\_NR\_enh-Core**

**Source: Apple (to be RAN2)**

**To: RAN4**

**Cc: RAN1**

**Contact person: Peng Cheng**

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

**Attachments:** **None**

# 1 Overall description

RAN2 thanks RAN4 for the LS in R4-2416911 on SSB adaptation. Regarding to the question of SMTC impacts due to SSB adaptation, RAN2 made the following agreements:

**Agreements on SSB adaptation**

1. RAN2 preference is to keep SMTC based L3 RRM framework and to introduce additional SMTC configuration according to SSB adaptation for L3 RRM measurement on SCell with SSB adaptation.
2. For L3 measurement, RAN2 assumes the adapted SSB on neighbor cell is measured based on legacy SMTC.

RAN2 respectfully asks RAN4 to take above agreements into account and check if any concern.

# 2 Actions

**To RAN4 group**

**ACTION:** RAN2 respectfully asks RAN4 to take above agreements into account and provide feedback if any concern.

# 3 Dates of next TSG-RAN WG2 meetings

TSG-RAN2 Meeting #129bis 07 - 11 April 2025 Wuhan, CN

TSG-RAN2 Meeting #130 19 - 23 May 2025 Malta, MT