**3GPP TSG-RAN WG2 Meeting #115-e Draft R2-2109219**

**Online, 9-27 August, 2021**

**Title: [DRAFT] LS to RAN4 on SMTC**

**Work Item: NR\_NTN\_solutions-Core**

**Source: CMCC (To be RAN2)**

**To: RAN4**

**Cc:**

**Contact Person:**

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

**Attachments: None**

**1. Overall Description:**

During RAN2#115\_e meeting, RAN2 discussed the SMTC and measurement gap configuration in NTN and agreed that the UE can be configured to use multiple SMTCs per *ssbFrequency* in parallel and the maximum number of SMTCs configured per measurement object for the same *ssbFrequency* is equal to 4. The multiple SMTCs in the same measurement object and for the same *ssbFrequency* differ at least in offset.

RAN4 is asked to confirm that the maximum number of SMTCs configured per measurement object for the same *ssbFrequency* can be equal to 4. RAN4 is asked to provide feedback if any other value is suitable.

**2. Actions:**

RAN2 respectfully asks RAN4 to confirm the decisions described above and provide feedback if necessary.

**3. Date of Next RAN WG2 Meetings:**

RAN2#116-e 1st November – 12 of November 2021 Online