**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:**

**Name: Chaili**

**E-mail Address:** [**chaili@chinamobile.com**](mailto:chaili@chinamobile.com)

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

**Attachments: None**

**1. Overall Description:**

During RAN2#113bis\_e meeting, RAN2 agreed that the multiple SMTC configurations are enabled by introducing different new offsets in a measurement object in addition to the legacy SMTC configuration with multiple measurement objects.

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 carrier in parallel and the maximum number of SMTCs configured for the same *ssbFrequency* is equal to 4.

RAN2 would like to ask RAN4 to confirm RAN2’s conclusion.

**Question:**

Can RAN4 confirm that the maximum number of SMTCs configured for the same *ssbFrequency* can be equal to 4?

**2. Actions:**

RAN2 respectfully asks RAN4 to answer the above question.

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

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