3GPP TSG RAN WG2#126 R2-2405764

Fukouka, Japan, 20th – 24th May, 2024

**Title: LS on RACH during uplink transmission extension**

**Response to: -**

**Release: Rel-18**

**Work Item: IoT\_NTN\_Enh-Core**

**Source: Samsung [To be RAN2]**

**To: RAN1**

**Cc: RAN4**

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**Attachments:** -

# 1 Overall description

RAN2 has discussed whether random access is possible while the timer T390 (in RAN1 referred to as the uplink transmission extension timer, which is the timer during which the UE is in RRC connected mode with invalid GNSS position) and has agreed the following in RAN2#126:

* RAN2 confirms the understanding that connected mode random access to Pcell (including intra-cell handover case) is possible while T390 is running. No RAN2 spec
* Network ensures that neither inter-cell handover or conditional handover is triggered to target cell while T390 is running via network implementation. No stage 3 impact.

# 2 Actions

**To RAN1**

**ACTION:** RAN2 respectfully asks RAN1 to come back only if there are any issues with the RAN2 understanding and agreements.

# 3 Dates of next TSG RAN WG2 meetings

RAN2#127 2024-08-19 – 2024-08-23 Maastricht, Netherlands

RAN2#127bis 2024-10-14 – 2024-10-18 China (TBD)