**3GPP TSG RAN1#117 Meeting R1-240xxxx**

**Fukuoka City, Fukuoka, Japan, May 20th – 24th, 2024**

**Title:** Draft reply LS on parameters used for CG RACH-less Handover

**Response to:** R1-2403829 (R2-2403996)

**Release:** Rel-18

**Work Item:** NR\_NTN\_enh-Core, NR\_mobile\_IAB-Core, TEI18

**Source:** Moderator (Samsung)

**To:** RAN2

**Cc:**

**Contact Person:**

Name: Sungjin Park

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

**Attachments**: N/A

# 1 Overall description

RAN1 thanks RAN2 for their LS on parameters used for CG RACH-less handover and would like to provide the following responses.

|  |
| --- |
| **Question: If there is any parameter within the agreed *CG-RRC-RACH-LessConfiguration* IE and *rrc-ConfiguredUplinkGrant* in TS 38.331 which may not be applicable for CG-based RACH-less handover?** |

**RAN1 response:**

Assuming that *CG-RRC-RACH-LessConfiguration* means *CG-RRC-Configuration* in TS 38.331 v18.1.0, the following RRC parameters within *rrc-ConfiguredUplinkGrant* are not applicable for CG-based RACH-less handover in the same manner as CG-SDT from RAN1 aspect.

* *PathlossReferenceIndex*
* *antennaPort*
* *PrecodingAndNumberOfLayers*
* *srs-ResourceIndicator*

Furthermore, the following RRC parameters within *rrc-ConfiguredUplinkGrant* are not applicable for CG-based RACH-less handover from RAN1 aspect. RAN1 think that the following RRC parameters are also not applicable for CG-SDT as well.

* *pathlossReferenceIndex2-r17*
* *precodingAndNumberOfLayers2-r17*
* *srs-ResourceIndicator2-r17*
* *srs-ResourceSetId-r18*
* *applyIndicatedTCI-State-r18*

# Actions

**To RAN2**

**ACTION:** RAN1 respectfully asks RAN2 to take the above information into account.

# Dates of next TSG RAN WG 1 meetings

TSG-RAN WG1 Meeting #118 19th – 23rd Aug. 2024 Maastricht, Netherlands.

TSG-RAN WG1 Meeting #118-bis 14th – 18th Oct. 2024 TBC, China.