**3GPP TSG RAN1#118 Meeting R1-240XXXX**

**Maastricht, NL, August 19th – 23rd, 2024**

**Title:** LS on higher layer parameters for DCI format 2\_3

**Response to:**

**Release:** Rel-16

**Work Item:** NR\_newRAT-Core, TEI16

**Source:** CATT [TSG RAN WG1]

**To:** TSG RAN WG2

**Cc:** NONE

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**Attachments: None**

# 1 Overall description

SRS switching was introduced in Rel-15. As a part of necessary high layer parameters, a DCI format 2\_3 field configuration type should be configured with either *typeA* or *typeB.*

According to TS 38.212 7.3.1.3.4, this high layer parameter is needed in both cases, i.e., “for an UL without PUCCH and PUSCH or an UL on which the SRS power control is not tied with PUSCH power control”. But in current TS 38.331, the field description of “*typeA*/*typeB*” only refers to “SRS transmission on a PUSCH-less SCell” case, and the other case “SRS power control is not tied with PUSCH power control” is missing.

In this case, TS 38.331 needs revision to align with the TS38.212 to include the case that DCI format 2\_3 to be used in the UL carrier(s) where PUSCH is configured and SRS power control is not tied with PUSCH power control.

# 2 Actions

**To RAN2**

**ACTION:** RAN1 respectfully asks RAN2 to modify the IE *SRS-CarrierSwitching* in TS 38.331 to include the case that DCI format 2\_3 to be used in the UL carrier(s) where PUSCH is configured and SRS power control is not tied with PUSCH power control.