**3GPP TSG-RAN5 Meeting #104 R5-245530\_draft2**

**Maastricht, Netherlands, 19 - 23 Aug 2024**

**Title:** Reply LS on FR2 UE Beamlock test function

**Response to:** R5-244048 / R4-2409999

**Release:** Rel-19

**Work Item:** FS\_NR\_FR2\_OTA\_Ph3

**Source:** TSG RAN WG5

**To:** TSG RAN WG4

**Cc:** -

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

**Attachments:** -

**1. Overall Description:**

In LS [1], RAN4 ask whether or how to extend the current FR2 UE Beamlock test function to lock UE two Tx beams from two panels simultaneously.

RAN5 has discussed the topic and concluded it is feasible to apply UE beamlock test function (UBF) to lock UE’s two Tx beams from two panels simultaneously. Specific details of the UBF will be specified when the related WI is started in RAN5.

**2. Actions:**

**To RAN4 group.**

**ACTION:**

RAN5 respectfully requests RAN4 to take information into account.

**3. Date of Next TSG-RAN WG5 Meetings:**

TSG-RAN5 Meeting#105 18th – 22nd November 2024 Orlando, US

TSG-RAN5 Meeting#106 17th – 21st February 2025 Athens, Greece

**4. References:**

1. R4-2409999, “LS on FR2 UE Beamlock test function”, RAN4#111