**3GPP TSG-RAN WG2 #117-e R3-225113**

**E-meeting, 15 – 25 Aug 2022**

**Title:** LS on NR-U support for MRO

**Response to:** ---

**Release:** Rel-18

**Work Item:** NR\_ENDC\_SON\_MDT\_enh2-Core

**Source:** RAN3

**To:** RAN2

**Cc:** —

**Contact Person:**

#### Name: Luca Lunardi

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**Attachments: ---**

**1. Overall Description:**

RAN3 discussed the benefits of enhancing the content of RLF report and RA report with new UE measurements to account for the impact of NR-U in MRO.

The following has been agreed:

* RLF Report needs to be enhanced by adding the latest measured RSSI
* RA Report needs to be enhanced by adding indications of consistent LBT failures.

In addition, RAN3 also discussed other potential additions to the RLF report, concerning:

* Energy Detection Threshold,
* LBT configuration parameter lbt-FailureRecoveryConfig,
* Channel Occupancy in UL,
* Time duration for LBT during SpCell change

**2. Actions:**

**To RAN2:**

**ACTIONS:**

RAN3 kindly asks RAN2 to enable the following**:**

* + addition in RLF report of the latest measured RSSI
  + addition in RA report of indications of consistent LBT failures.

RAN3 also kindly asks RAN2 to evaluate the addition of the following to the RLF report, and provide feedback accordingly**:**

* + Energy Detection Threshold,
  + LBT configuration parameter lbt-FailureRecoveryConfig,
  + Channel Occupancy in UL,
  + Time duration for LBT during SpCell change

**3. Date of Next RAN3 Meetings:**

TSG-RAN3 Meeting #117-bis-e 10 – 18 Oct 2022 e-Meeting

TSG-RAN3 Meeting #118 14 – 18 Nov 2022 TBD