**3GPP TSG RAN WG2#109bis-e R2-200xxxx**

**Online meeting, 20th-30th April, 2020**

**Title: [Draft]** reply LS on UL LBT failure recovery for the target cell

**Release:** Rel-16

**Work Item:** NR\_unlic-Core

**Source:** InterDigital [RAN2]

**To:** RAN4

**CC:** RAN1

**Contact Person:**

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

**1. Overall Description:**

RAN2 thanks RAN4 for the LS. Uplink LBT failure detection/recovery is applicable per current specifications to random access in R15-based handover, R15 SN addition/change, and PSCell addition, given the UE is in connected mode. It is not applicable per current specifications in RRC setup, resume, re-establishment, or release with redirection, as the UE does not have *lbt*-*FailureRecoveryConfig* configuredduring those procedures.

RAN2 agreed that no enhancements are planned in R-16 for UL LBT failure detection and recovery during handover, RRC setup, resume, re-establishment, or release with redirection. Enhancements can be pursued in future releases or in R-16 if RAN2 finds critical issues for detection/recovery during these procedures.

RAN2 has agreed that UL LBT failure detection and recovery is an optional UE capability.

**2. Actions:**

**To RAN4 group.**

**ACTION:**RAN2 kindly asks RAN4 to take into consideration the above response.

**3. Date of Next TSG WG RAN2 Meetings:**

TSG RAN WG2 Meeting #110-e 1 – 12 June 2020

TSG RAN WG2 Meeting #111 24 – 28 August 2020, Toulouse, France