3GPP TSG RAN WG2 Meeting #119bis-e R2-22xxxxx

Online, October, 2022

**Title: LS on SL LBT failure indication and consistent SL LBT failure**

**Response to: -**

**Release: Release 18**

**Work Item: NR\_SL\_enh2**

**Source: RAN2**

**To: RAN1**

**Cc: -**

**Contact person: Xiao XIAO**

 **xiao.xiao@vivo.com**

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

**Attachments:** **-**

# 1 Overall description

In RAN2 #119bis-e, RAN2 discussed the SL-specific consistent LBT failure detection and recovery procedure for SL-U and made the following agreements:

|  |
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| Agreements on SL-specific consistent LBT failure detection and recovery |

In addition, RAN2 understand that how the SL-specific consistent LBT failure detection should be performed depends on the granularity in which the SL-specific LBT failure is notified by the PHY, and is further related to how SL-specific LBT procedure is performed in the PHY and the specific resource allocation scheme to be designed by RAN1 for SL-U.

Therefore, RAN2 respectively request RAN1 to provide the guideline on the following question related to SL-specific LBT failure indication.

* **Question**: When an SL-specific LBT failure is notified for an SL transmission by the PHY, in which granularity (e.g. per resource pool, per SL BWP, per RB set, etc.) the LBT failure instance can be considered as being indicated?

# 2 Actions

**To RAN1**

**ACTION:** RAN2 respectfully request RAN1 to provide the feedback on the above Question regarding the granularity of SL-specific LBT failure indication.

# 3 Dates of next TSG RAN WG2 meeting

TSG RAN WG2 Meeting #120 14 November – 18 November 2022 Toulouse, France

TSG RAN WG2 Meeting #121 27 February – 03 March 2023 Athens, Greece