**3GPP TSG RAN WG1 #110bis-e R1-220xxxx**

**e-Meeting, October 10th – 19th, 2022**

**Title:** [Draft] Reply LS to RAN2 on Per-FS L1 feature for NR sidelink discovery BC-list

**Response to:** R1-2208727 (R2-2208867)

**Release:** Rel-17

**Work Item:** NR\_SL\_enh-Core, NR\_SL\_relay-Core

**Source:** RAN1

**To:** RAN2

**Cc:** -

**Contact Person:**

#### Name: Shichang Zhang

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

**Attachments:** None

**1. Overall Description:**

RAN1 thanks RAN2’s LS in R1-2208727 (R2-2208867) and would like to provide our responses to the following questions asked by RAN2.

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| **Q1**: Can RAN1 confirm the RAN2 assumption above, i.e., these per-FS L1 features above also apply to the band-combination supporting discovery? |

**RAN1’s reply**:

Yes.

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| **Q2**: If Yes to Q1, in case a band combination supporting both NR Sidelink communication and NR Sidelink discovery, whether the UE capability of these per-FS L1 feature would be different for NR Sidelink communication and NR sidelink discovery, or it would be the same? |

**RAN1’s reply**:

In case a band combination supporting both NR Sidelink communication and NR Sidelink discovery, the UE capability of these per-FS L1 feature would be the same for NR Sidelink communication and NR Sidelink discovery.

**2. Actions:**

**To RAN2 group**

RAN1 respectfully asks RAN2 to take the above responses into account in the future work.

**3. Date of Next TSG-RAN1 Meetings:**

RAN1#111 November 14-18 2022 Toulouse, FR

RAN1#112 February 27 - March 03 2023 Athens, GR