**3GPP TSG RAN WG2 #125bis R2-24xxxxx**

**Changsha, China, April, 2024**

**Title:** LS on Sidelink Feature Co-configuration

**Response to:** -

**Release:** Rel-18

**Work Items:** NR\_SL\_enh2, NR\_SL\_enh

**Source:** OPPO [To be RAN2]

**To:** RAN WG1

**CC:**

**Contact Person:**

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**Attachment:**

**1. Overall Description:**

RAN2 has discussed the feasibility of co-configuring SL features, and reached the following agreements in RAN2#125bis:

From R2 perspective, UE is not expected to be (pre)configured with 1) both partial sensing and Co-Ex in the same resource pool, 2) both random-selection and Co-Ex in the same resource pool, in Rel-18.

From R2 perspective, UE is not expected to be (pre)configured to perform partial sensing operation over an unlicensed spectrum using interlace RB based transmission, in Rel-18.

From R2 perspective, UE is not expected to be (pre)configured with a LTE/NR-SL co-existence resource pool over an unlicensed spectrum, in Rel-18.

**2. Actions:**

**To RAN WG1**

**ACTION:** RAN2 respectfully asks RAN1 to feedback if any concern on the agreements above.

**3. Date of Next RAN WG1 Meetings:**

3GPP RAN2#126 2024-05-20~2024-05-24 Fukuoka, JP

3GPP RAN2#127 2024-08-19~2024-08-23 Maastricht, NL