**3GPP TSG RAN WG1 Meeting #107-e R1-2112614**

**e-Meeting, November 11 – 19, 2021**

**Title: [Draft] LS on initial access for 60 GHz**

**Response to:**

**Release:** Rel-17

**Work Item:** NR\_ext\_to\_71GHz

**Source:** Intel Corporation [RAN1]

**To:** RAN2

**Cc:**

**Contact Person:**

#### Name: Daewon Lee

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**Attachments:**

**1. Overall Description:**

RAN1 would like to let RAN2 be aware that the RAN1 has agreed to support discovery burst time window (DBTW) for 120, 480, and 960 kHz subcarrier spacing. For licensed and unlicensed operation, NR will support 64 candidate SSB positions in a half radio frame.

Currently, it is working assumption in RAN1 that 2 bits will be used to convey $N\_{SSB}^{QCL}$, a parameter used to derive the QCL assumptions for SSB. The 2 bits identified by RAN1 for usage is ‘subCarrierSpacingCommon’ and ‘spare’ bit contained in MIB IE.

RAN1 would like to ask RAN2 if they foresee any issues of using the ‘spare’ bit contained in MIB IE for purpose of conveying $N\_{SSB}^{QCL}$ signaling to UEs.

RAN1 would like to kindly ask RAN2 to provide information on the above question.

**2. Actions:**

**To RAN4:** RAN1 would like to kindly ask RAN2 to provide information on the above question.

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

TSG-RAN WG1 Meeting #107-bis-e 17 – 25 Jan 2022 Online

TSG-RAN WG1 Meeting #108-e 21 Feb – 04 Mar 2022 Online