**3GPP TSG RAN WG1 #110bis-e R1-22xxxxx**

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

**Title:** LS on beamManagementSSB-CSI-RS

**Response to:** -

**Release:** Release 15

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

**Source:** RAN1

**To:** RAN2

**Cc:** -

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**Attachments:** none

# 1 Overall description

In RAN1#101-e meeting, to clarify the resource counting for L1-RSRP measurement, i.e., *maxNumberSSB-CSI-RS-ResourceOneTx* and *maxNumberCSI-RS-ResourceTwoTx* in feature group *beamManagementSSB-CSI-RS* when measurement is performed across multiple cells with different SCS, RAN1 agreed on the following conclusion

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| --- |
| **Conclusion**  For UE features maxNumberSSB-CSI-RS-ResourceOneTx and maxNumberCSI-RS-ResourceTwoTx in feature group beamManagementSSB-CSI-RS,   * the total number of resources within a slot and across serving cells in FR1 is determined by x within 1 slot of subcarrier spacing of 15kHz * the total number of resources within a slot and across serving cells in FR2 is determined by y within 1 slot of the smallest subcarrier spacing configured for PDSCH in FR2 * the total number of resources within a slot and across FR1 and FR2 serving cells is determined by max (x, z\*y) within 1 slot of subcarrier spacing of 15 kHz,   + where x is the reported value in FR1 and y is the reported value in FR2 and z is the ratio of the smallest subcarrier spacing configured in FR2 and 15kHz. |

# 2 Actions

**To RAN2**

**ACTION:** RAN1 respectfully requests RAN2 to take the above information into account.

# 3 Dates of next TSG RAN WG1 meetings

RAN1#111 14th -18th Nov 2022 Toulouse, FR

RAN1#112 24th Feb - 3rd March 2023 Athens, GR