3GPP TSG-RAN WG2 Meeting #115-e R2-210xxxx

**e-Meeting, 16th - 27th August, 2021**

**Title: [Draft]** LS on the security issue of MBS interest indication

**Response to:**

**Release:** Release 17

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

**Source:** To be RAN2

**To:** SA3

**Cc:** -

**Contact Person:**

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**Attachments:** -

**1. Overall Description:**

In RAN2#112-e, RAN2 agreed to support delivery mode 1 (which is used only for multicast sessions) and delivery mode 2 (which is used for broadcast sessions).

In RAN2#115-e, RAN2 discussed the service continuity for delivery mode 2 to allow the RRC\_CONNECTED UE to report MBS interest information to the network as the LTE SC-PTM, and RAN2 achieved the following agreements:

|  |
| --- |
| For CONNECTED:   * The UE reports the following MBS interest information (as LTE SC-PTM):   MBS frequency list  priority between the reception of all listed MBMS frequencies and the reception of any unicast bearer  TMGI list   * If MBS frequencies are allowed to be reported, the MBS frequencies reported by the UE is sorted by decreasing order of interest, as LTE SC-PTM. * Send an LS to SA3 to check whether the MBS interest information can be reported by the UE before security activation. |

RAN2 discussed the UE privacy issues when the MBS interest information is reported prior to the security activation, and did not achieve a consensus. As such, RAN2 would like to ask the following:

Question: Can any of the MBS interested information (i.e. MBS frequency list, TMGI list, priority between the reception of all listed MBMS frequencies and the reception of any unicast bearer) be reported from the UE to the network prior to security activation?

**2. Actions:**

**To SA3 group.**

**ACTION:** RAN2 respectfully asks SA3 to answer the question above.

**3. Date of Next TSG-RAN WG2 Meetings:**

3GPP RAN2#116-e from 2021-11-01 to 2021-11-12 Electronic Meeting