**3GPP TSG-SA3 Meeting #104-e *draft\_S3-213570-r7***

e-meeting, 16 - 27 August 2021

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

**Response to: LS S3-213324 (R2-2108910) on the security issue of MBS interest indication**

**Release: Rel-17**

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

**Source: Xiaomi [to be SA3]**

**To:** **RAN2**

**Cc: -**

**Contact person: Wei Lu**

**luwei10@xiaomi.com**

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

**Attachments:** NONE

# 1 Overall description

SA3 would like to thank RAN2 for the LS S3-213324/R2-2108910 on the security issue of MBS interest indication.

Among the MBS interest information, the TMGI list contains TMGI(s) which is composed of MBMS Service ID, MCC and MNC. Such information could explicitly expose the service(s) the UE is using. In case of privacy sensitive services, SA3 has a privacy concern if the TMGI list is reported by the UE before AS security activation.

The other two types of MBS interest information (MBS frequency list and priority between the reception of all listed MBMS frequencies and the reception of any unicast bearer) have no privacy concern.

Therefore, SA3 would recommend to avoid reporting TMGI list by the UE before security activation. If an indication with MBS interest information is reported without providing any TMGI list, it does not expose any privacy from SA3’s point of view, but it is left to RAN groups to decide whether to choose any other alternative methods.

In addition, SA3 would like to remind that all the information reported by the UE prior to security activation may be tampered due to lack of integrity protection, which may lead to broadcast service denial.

# 2 Actions

**To RAN2**

**ACTION:** SA3 kindly asks RAN2 to take the above reply into account.

# 3 Dates of next TSG SA WG 3 meetings

SA3#105e 08 – 12 November 2021 Electronic meeting