**3GPP TSG-SA Meeting #104 *SP-240956***

**Shanghai, China, 18 – 21 June 2024**

**Title: draft-****LS on UICC Support for Ambient IoT Service**

**Response to: N/A**

**Release: Rel-19**

**Study Item: FS\_Ambient\_IoT\_Sec**

**Source: TSG SA**

**To: SA1, SA3**

**Cc: GSMA**

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**Attachments: SP-240920, SP-240879**

# 1 Overall description

In SA#104, SA3 Status Report, contentions issue and risks has been raised for Ambient IoT Service Study.

Contentious Issue:

* Authentication requirements cannot be agreed
* Communication security requirements cannot be agreed

Risks:

* If authentication and communication security requirements cannot be agreed, solutions to authentication and communication security cannot be proposed and agreed.
* If there is no clarity or stable architecture and end points, SA3 solutions cannot be finalized

These contentious issues and risks are largely related to whether to have or not to have UICC support for Ambient IoT Services in SA3 discussion.

A related contribution discussed in SA#104 was “SP-240879 discussions on UICC support for Ambient IoT Services”, pointing out the observations about R19 maximum peak power consumption for AIoT device and UICC electrical characteristic is out of SA3 experties.

# 2 Actions

**To SA3**

**ACTION:** TSG SA kindly asks SA3 to study the security issue of Ambient IoT Service for UICC and non-UICC AIoT device.

# 3 Dates of next TSG SA meetings

SA#105 September 10th – 13th 2024 Melbourne, AU

SA#106 December 10th – 13th 2024 Madrid, ES