**3GPP TSG-SA3 Meeting #103-e *S3-211604r1***

**e-meeting, 17 – 28 May 2021** Revision of S3-20xxxx

**Source: Huawei, HiSilicon**

**Title: pCR – Update to KI#1**

**Document for: Approval**

**Agenda Item: 5.21**

# 1 Decision/action requested

***Approve the updates to the KI#1 to eNS2 TR33.874***

# 2 References

[1]

# 3 Rationale

This contribution proposes to update key issue #1 with description for threats and reuqirements left out from the last meeting.

# 4 Detailed proposal

pCR

\*\*\* BEGINNING OF CHANGES \*\*\*

## 5.1 Key Issue #1: privacy issue on broadcasting slice information

### 5.1.1 Key issue details

A gNB may support multiple and different network slices, and on different frequencies in different regions.

In TR 38.832 [6], in order to support fast cell selection and cell reselection for particular network slices, solutions based on broadcasting slice related information, e.g. NSSAI, SST, slice grouping information, are being studied. In this key issue, the following questions are to be addressed:

- Whether broadcasting slice related information in this scenarios will cause any privacy issue

- If yes, mitigation solutions need to be provided

### 5.1.2 Security threats

If confidential information is contained in broadcast messages without security protection, it will lead to leakage of sensitive informmation.

### 5.1.3 Potential security requirements

The 5G system shall prevent sensitive slice information from leakage~~, if sensitive.~~

\*\*\* END OF CHANGES \*\*\*