**3GPP TSG-SA3 Meeting #105e *S3-214144-r1***

**e-meeting, 8 - 19 November 2021** Revision of S3-21xxxx

**Source: Qualcomm Incorporated**

**Title: Update of conclusion for KI#5**

**Document for: Approval**

**Agenda Item: 5.7**

# 1 Decision/action requested

***This contribution proposes an update to conclusion of KI #5.***

# 2 References

[1] TR 33.847 v0.8.0

# 3 Rationale

This contribution proposes to update a conclusion for Key Issue #5. Particularly, when an RSC is scrambled and/or confidentiality protected during relay restricted discovery, it should also be scrambled and/or confidentiality protected as a way of mitigating trackability and linkability attacks on Remote UE during the communications over a UE-to-Network Relay. Therefore, it is proposed to use solution #42 as a basis for normative work.

# 4 Detailed proposal

It is proposed that SA3 approve the below pCR for inclusion in the TR [1].

**\*\*\*\*\* START OF CHANGES \*\*\*\*\***

## 7.5 Key Issue #5: Privacy protection over the UE-to-Network Relay

The following text is taken as a conclusion for the UE-to-Network Relay solution (L2, L3 with/without N3IWF):

Solution #42 is used as a basis for the normative work to protect the privacy of identifiers (e.g., RSC and PRUK ID) sent in the DCR message from eavesdroppers when restricted discovery is used.

Path switch is not included in the present document, no normative work is needed to address any privacy issue for the path switch scenario.**\*\*\*\*\* END OF CHANGES \*\*\*\*\***