**3GPP TSG-SA3 Meeting #103-e *draft\_S3-211800-r2***

**e-meeting, 17 - 28 May 2021** Revision of S3-21xxxx

**Source: Qualcomm Incorporated**

**Title: Conclusion of KI #1**

**Document for: Approval**

**Agenda Item: 5.9**

# 1 Decision/action requested

***This contribution proposes to conclude the KI #1.***

# 2 References

[1] TR 33.847 v0.5.0

# 3 Rationale

This contribution proposes to conclude the KI #1.

# 4 Detailed proposal

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

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

# 7 Conclusions

## 7.1 Key Issue #1: Discovery message protection

For the KI #1, it is concluded that

* Solution #3 is used as a basis for normative work to support security protection of the open ProSe direct discovery procedure.
* For the open ProSe direct discovery scenario, Solution #27 is used as a basis for normative work to support security flexability and avoids one-to-one communication failure caused by policy mismatch.
* Solution #4 is used as a basis for normative work to support security protection of the restricted ProSe direct discovery procedure.

For the restricted ProSe direct discovery scenario, Solution #28 is used as a basis for normative work to support security flexability and avoids one-to-one communication failure caused by policy mismatch.NOTE: Solution #3 and Solution #4 do not address the ProSe relay discovery procedure.

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