**3GPP TSG-SA3 Meeting #110Adhoc-e *draft\_S3-231897-r3***

**e-meeting, April 17-21, 2023**

**Source:**  **Huawei, HiSilicon**

**Title:** **Conclusion on key issue#1**

**Document for: Approval**

**Agenda Item: 5.19**

# 1 Decision/action requested

***It is proposed to approve the change described in this document.***

# 2 References

[1] TR 23.700-86

# 3 Rationale

To address the security requirement in key issue#1, it’s proposed to the following conclusion for normative work.

(1) As concluded in key issue#4 in TR 23.700-86 [1], Ranging/Sidelink Positioning Protocol (RSPP) is introduced for SR5 over the PC5 reference point between the UEs. The Ranging/Sidelink positioning measurement data/result will be exchanged. In addition to the conclusion in SA2, to limited entities acquiring Ranging/Sidelink Positioning results, which entity to calculate results or whether the results are exchanged over the SR5 can depend on the negotiation during the control signaling. It follows the principle of minimal privilege.

(2) As concluded in key issue#6 in TR 23.700-86 [1], SL Positioning Client UE invokes the Ranging/Sidelink Positioning service to Reference UE/Target UE that is discovered by sending a sidelink positioning service request for obtaining the Ranging and SL positioning result between Reference UE and Target UE. This request includes the user info of SL Positioning Client UE, Reference UE and Target UE. With this conclusion, the Reference UE/Target UE can determine whether to accept the request, which protects the privacy by avoiding the leakage to undesired entity.

# 4 Detailed proposal

\*\*\* 1st CHANGE \*\*\*

# 7 Conclusions

## 7.X Conclusion on Key Issue #1

The following principles are made on Key Issue #1:

- For Ranging and sidelink positioning service exposure to an SL Positioning Client UE through PC5 or 5GC network, when Reference UE/Target UE receives the service request, it determines whether to accept the request by verifying the user info of SL Positioning Client UE.

\*\*\* END OF 1st CHANGE\*\*\*