**3GPP TSG-WG SA2 Meeting #153E e-meeting *S2-220XXXX***

**Elbonia, October 10 – 14, 2022 (revision of S2-220xxxx)**

**Source: Huawei, HiSilicon**

**Title: KI#3: interim Conclusion**

**Document for: Approval**

**Agenda Item: 9.5**

**Work Item / Release: FS\_UAS\_Ph2 / Rel-18**

*Abstract: The contribution proposes the interim conclusions for KI#3.*

# 1. Introduction/Discussion

This paper proposes the interim conclusions for KI#3.

PC5-based DAA mechanism is applicable to the UAVs with the requirement of ProSe capability. Network-based DAA mechanism is applicable to the UAVs served by the same PLMN, but it does not have the limitation of the UAVs with ProSe capability.

So network-based mechanism and PC5-based mechanism can apply to different cases, and both can be concluded.

# 2. Text Proposal

It is proposed to capture the following changes vs. TR 23.700-58.

\* \* \* \* First change \* \* \* \*

8.X Key Issue #3 - Support of Detect and Avoid Mechanism in 3GPP system

For Key Issue #3, the followings are taken as conclusions:

- A PC5-based DAA mechanism can be used if the UAVs support ProSe capability. Both unicast and broadcast mode direct communication over PC5 is supported for DAA.

- A network-based DAA mechanism can be used, including both network-assisted DAA with calculation functionality and network-assisted DAA without calculation functionality.

\* \* \* \* End of changes \* \* \* \*