**3GPP TSG-SA1 Meeting #99e *S1-22xxxx***

**Electronic Meeting, xx – xx August 2022**

Title: Scope of TR 22.876 on study of AI/ML Model Transfer Phase 2

Agenda Item: 7.x

Source: OPPO

Contact: Yang Xu ([xuyang@oppo.com](mailto:xuyang@oppo.com))

*Abstract: This pCR provides a scope statement for TR22.876*

\*\*\*\*\*\*\*\*\*\* First Change \*\*\*\*\*\*\*\*\*

# Scope

## This report is to study the use cases and potential service and performance requirements to support efficient AI/ML operations using direct device connection for various applications e.g. auto-driving, robot remote control, video recognition, etc.

The aspects addressed in the document includes:

- Identify the use cases of distributed AI inference;

- Identify the use cases of distributed/decentralized model training;

- Gap analysis to existing 5GS mechanism to support the distributed AI inference and model training.

\*\*\*\*\*\*\*\*\*\*\*\*End of Change\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*