**3GPP TSG-WG SA2 Meeting #170 *S2-2507706***

**Goteborg, SE, 25th Aug – 29th Aug, 2025 (revision of S2-2507247)**

**Source: Huawei, HiSilicon**

**Title: TR 23.700-30 Scope**

**Document for: Approval**

**Agenda Item: 20.5.1**

**Work Item / Release: FS\_AmbientIoT\_Ph2\_ARC / Rel-20**

*Abstract: Scope TR 23.700-30 for FS\_AmbientIoT\_Ph2\_ARC.*

# 1. Introduction/Discussion

The following is a scope for TR 23.700-30 based on the Rel-19 TR 23-700-13 scope and SID in SP-250834.

# 2. Text Proposal

It is proposed to capture the following changes vs. TR 23.700-30.

\* \* \* \* First change (all new) \* \* \* \*

# 1 Scope

The present document studies additional architecture support of Ambient IoT for the support of Rel-19 AIoT Devices defined in TS 23.369 [3] in Topology 2 based on the RRC-based option as described in clause 8.1.3.3 of TR 23.700-13 [7], and support for new AIoT Devices that will support the DO-A traffic type as described in the "RAN WID Solutions for Ambient IoT (Internet of Things) in NR Phase 2" [d] and "RAN SID Study on enhancements for solutions for Ambient IoT (Internet of Things) in NR outdoor for active devices" [c].

\* \* \* \* Second change \* \* \* \*

# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non‑specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[2] 3GPP TS 22.369: "Service requirements for Ambient power-enabled IoT".

[3] 3GPP TS 23.369: "Architecture support for Ambient power-enabled Internet of Things; Stage 2".

[4] 3GPP TS 23.501: "System Architecture for the 5G System (5GS); Stage 2".

[5] 3GPP TS 23.502: "Procedures for the 5G System; Stage 2".

[6] 3GPP TS 23.503: "Policies and Charging control framework for the 5G System; Stage 2

[7] 3GPP TR 23.700-13: "Study on Architecture support of Ambient power-enabled Internet of Things".

[c] 3GPP RP-251884: "New SID on enhancements for solutions for Ambient IoT (Internet of Things) in NR outdoor for active devices".

[d] 3GPP RP-251884: " New WID on Solutions for Ambient IoT (Internet of Things) in NR Phase 2".

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