**3GPP TSG-CT WG1 Meeting #141eC1-232218**

**Online 17– 21 April 2023**

**Source: Qualcomm Incorporated**

**Title: Scope, references, and General section for TS 24.578**

**Spec: 3GPP TS 24.578**

**Agenda item: 18.2.21**

**Document for: Agreement**

**1. Introduction**

TS 24.578 specifies UE policy aspects for A2X communication, BRID, DAA, and Direct C2 communication according to the stage-2 requirements specified in TS 23.256.

**2. Reason for Change**

It is proposed to introduce scope, references, and general section for TS 24.578.

**3. Proposal**

It is proposed to agree the following changes to 3GPP TS 24.578

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

1 Scope

Editor’s Note: This clause will provide the scope of the specification.

The present document defines User Equipment (UE) policies that are used to configure the UE for aircraft-to-Everything (A2X) services in 5G System (5GS) based on the architectural requirements defined in 3GPP TS 23.256 [x].

The protocol aspects for A2X services in 5G System (5GS) are described in 3GPP TS 24 577 [y].

Editor’s Note: Direct C2 communication will be added in the scope once stage-2 requirement on direct C2 communication is clarified.

\* \* \* 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 23.256: "Support of Uncrewed Aerial Systems (UAS) connectivity, identification and tracking; Stage 2"

[3] 3GPP TS 24.577: "Aircraft-to-Everything (A2X) services in 5G System (5GS) protocol aspects; Stage 3"

[4] 3GPP TS 24.501: "Non-Access-Stratum (NAS) protocol for 5G System (5GS);

\* \* \* Third Change \* \* \* \*

3.1 Terms

For the purposes of the present document, the terms given in 3GPP TR 21.905 [1] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in 3GPP TR 21.905 [1].

**example:** text used to clarify abstract rules by applying them literally.

For the purposes of the present document, the following terms and definitions given in 3GPP TS 23.256 [x] apply:

**A2X communication**

**Direct C2 communication**

\*\*\* 4th change \*\*\*

3.2 Abbreviations

For the purposes of the present document, the abbreviations given in 3GPP TR 21.905 [1] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in 3GPP TR 21.905 [1].

A2X Aircraft-to-everything

A2XP A2X Policy

BRID Broadcast remote ID

DDAA Direct detect and avoid

\* \* \* 5th change \* \* \*

4.1 Overview

Editor’s Note: This clause will provide description of UE policies for A2X.

The A2XP in 5GS include:

1) UE policies for A2X communication over PC5 (see clause 4.2);

2) UE policies for broadcast remote ID (BRID) over PC5 (see clause 4.3);

3) UE policies for direct detect and avoid (DDAA) over PC5 (see clause 4.4); and

4) UE policies for direct C2 communication over PC5 (see clause 4.5).

The A2XP can be delivered from the PCF to the UE. The UE policy delivery procedure is specified in 3GPP TS 24.501 [4].

\* \* \* End of Changes \* \* \* \*