**3GPP TSG-CT WG4 Meeting #110-eC4-223xxx**

**E-Meeting, 12th – 20th May 2022 was C4-223218**

**Source: Huawei, CATT**

**Title: Pseudo-CR on Update Reference Point**

**Spec: 3GPP TS 29.559**

**Agenda item: 6.2.6**

**Document for: Approval**

**1. Reason for Change**

As agreed stage2 CR S2-2203042, stage2 has defined a reference points between 5G PKMF and UDM.

**2. Proposal**

It is proposed to agree the following changes to 3GPP TS 29.559 v0.1.0.

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

# 4 Overview

The 5G ProSe Key Management Function (5G PKMF) is the logical function handling network related actions required for the key management and the security material for discovery of a 5G ProSe UE-to-Network Relay by a 5G ProSe Remote UE; and for establishing a secure PC5 communication link between a 5G ProSe Remote UE and 5G ProSe UE-to-Network Relay (see 3GPP TS 33.503 [4]).

Figure 4-1 provides the reference model (in service based interface representation and in reference point representation), with focus on the 5G PKMF:



Figure 4-1: Reference model – 5G PKMF

The functionalities supported by the 5G PKMF are listed in clause 4.2.1.2 of 3GPP TS 33.503 [4].

NOTE: Only service based interfaces between 5G PKMFs will be covered in this TS, other interfaces won't be covered for the time being.

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