**3GPP TSG-CT Meeting #108CP-251abc**

Prague, Czech Republic; 09th – 10th June 2025

**Title: Presentation of Specification to TSG:
TS 24.550, Version 1.0.0**

**Source: TSG CT WG1**

**Agenda item: 20.2**

**Release: Rel-19**

**Work Item: Metaverse\_App**

**Rapporteur: Vijay Sangameshwara, Samsung**

**Document for: Information and Approval**

**Abstract of document:**

The Rel-19 work item on Mobile Metaverse applications (Metaverse\_App) was agreed in CT1#150 (Maastricht) and the objective was to define protocol for SEAL-Uu interface for Spatial Anchor, Spatial Map and Digital Asset management service, based on normative stage-2 work developed in 3GPP TS 23.437 and 3GPP TS 23.438.

The 3GPP TS 24.550 specifies the protocol aspects for the Spatial Anchor, Spatial Map and Digital Asset management capability of SEAL to support the vertical applications over the 3GPP system via SAn-UU, SM-UU and DA-UU reference point and defines the below:

a. Procedures for Spatial Anchor, Spatial Map and Digital Asset management;

b. Procedures for Spatial Anchor, Spatial Map and Digital Asset discovery; and

c. Procedures for Spatial Anchor usage and Spatial Map localization.

**Changes since last presentation to CT Meeting:**

This is the first presentation of 3GPP TS 24.550 to CT Plenary.

**Outstanding Issues:**

The following items need to be completed:

a. Service operation for Spatial anchor retrieve and anchor usage reporting service operation;

b. Service operation for Spatial map retrieve, subscription and localization service; and

c. Open API for Spatial map data source management and Digital asset discovery.

**Contentious Issues:**

None.

Change history of this document:

1999-11-17: original issue

2007-09-06: removal of references to Working Groups; bring names of TSGs up to date; correction of typo

2015-01-06: adds tdoc header & removes redundant information below

2024-11-23: aligns RAN and SA/CT templates by adding information to the header