**3GPP TSG-SA5 Meeting #162 *S5-254033***

Goteborg, Sweden, 25 - 29 August 2025

**Source: Huawei**

**Title: Pseudo-CR on TR 28.881 Add new issue for enhancement of radio service delivering and assurance scenarios**

**Document for: Approval**

**Agenda item: 6.20.1**

**Spec: 3GPP TR 28.881**

**Version: V0.0.0**

**Work Item: FS\_IDMS\_MN\_Ph4**

**Comments**

This contribution proposes to add a new issue for the Enhancement of radio service delivering and assurance scenarios based on SP-250861.

This pCR related to WT-1.2 and WT-6.1.

**Proposed Changes**

\* \* \* First 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".

[X] 3GPP TS 28.312: "Management and orchestration; Intent driven management services for mobile networks".

[Y] 3GPP TS 28.541: "Management and orchestration; 5G Network Resource Model (NRM); Stage 2 and stage 3".

[Z] 3GPP TS 29.572: "5G System; Location Management Services; Stage 3"

\* \* \* Next Change \* \* \* \*

## 4.X Issue#X: Enhancement of radio service delivering and assurance scenarios

### 4.X.1 Description

In 3GPP TS 28.312 [X], the existing use case and requirements for intent containing an expectation for delivering a radio service is described in clause 5.1.2. The RadioServiceExpectation is defined to represent MnS consumer's expectations for radio service delivering and assurance in the specified area. However, following scenarios are not supported:

- MnS consumer expresses the radio service delivering and assurance expectation with service reliability information.

- MnS consumer expresses the radio service delivering and assurance intent expectation for a specified area described in the form of civic address. For example, MnS consumer wants to ensure the radio service targets (dLThptPerUETarget and dLLatencyTarget) for a specific civic address (e.g., the CivicAddress defined in clause 6.1.6.2.14 in TS 29.572 [Z]).

### 4.X.2 Potential requirements

**REQ-IDMS\_RadioServiceIntent -CON-1:** The intent driven MnS producer for radio service should have capabilities enabling the MnS consumer to express service reliability requirements.

**REQ-IDMS\_RadioServiceIntent -CON-2:** The intent driven MnS producer for radio service should have capabilities enabling the MnS consumer to express radio service delivering and assurance expectations for a specified area described in the form of civic address.

### 4.X.3 Potential solution

TBD

### 4.X.4 Evaluation of potential solutions

TBD

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