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Technical requirements for user plane location service-Terminal

基于用户面的定位业务技术要求 终端

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Table of Contents

Preface III 1 Scope	1
2 Normative references	1
3 Terms, definitions and abbreviations	1
3.1 Terms and Definitions	1
3.2 Abbreviations	1
4 Terminal Technical Requirements	2
4.1 Positioning Calculation Function	2
4.2 Position identification and positioning	2
4.3 Immediate positioning function	2
4.4 Positioning Protocol	2
4.5 SUPL INIT Function	3
4.6 Trigger Function	3
4.7 Privacy Features	4
4.8 Security Features	4
4.9 Authentication	4
4.10 Terminal Configuration Function	4
References	5

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting is required.

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Technical requirements for user-plane-based positioning services

1 Scope

This document specifies the terminal technical requirements for the User Plane Based Mobile Positioning Service (SUPL) system, including the User Plane Mobile Positioning Service (SUPL) The technical requirements for the functions that the positioning platform (SLP) and positioning terminal (SET) need to support when implementing positioning services.

This document applies to the planning, design, development, implementation, and testing and verification of terminals that support SUPL 2.0.2 and above.

2 Normative references

This document has no normative references.

3.1 Terms and Definitions

The following terms and definitions apply to this document.

3.1.1 SET user

Users of SET.

3.1.2 SUPL agent

A service access point that accesses network resources to obtain location information.

3.1.3 SUPL network

Helps implement location measurement functions and provide access networks for SUPL bearers.

3.1.4 user plane

Provides a hierarchical structure for user information flow transmission and related controls.

3.2 Abbreviations

The following abbreviations apply to this document.

A?BDS. Assisted BDS positioning ACA. Alternative Client Authentication AFLT. Advanced Forward Link Three Edge Measurement A-GNSS. Assisted Global Navigation Satellite System A-GPS. Assisted GPS BDS. BeiDou Navigation Satellite System E-SLP. Emergency SUPL Location Platform (Emergency SLP) FQDN. Fully Qualified Domain Name GNSS. Global Navigation Satellite System GPS. Global Positioning System