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ICS 33.060.99
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4767-2024

Technical requirements and test methods for high-precision satellite positioning assistance information broadcasting system in mobile communication networks (Phase II)

移动通信网中高精度卫星定位辅助信息播发体系技术要求和测试方法（第二阶段）

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4767-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 2024.

The YD/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the network architecture of the high-precision satellite positioning assistance data broadcasting system in the 5G digital cellular mobile communication network, specifies the functional requirements, signaling process, interface requirements, etc., and specifies the test methods related to the consistency of functions, interfaces, and terminal protocols. This standard applies to the design, development and testing of core network elements, base stations and terminal equipment that support the high-precision satellite positioning assistance data broadcasting system in the 5G digital cellular mobile communication network.

YD/T 4767-2024 falls under ICS 33.060.99, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

YD/T 3711-2020 - Technical requirement of IMS based vehicle eCall system based on public telecommunication network

GB/T 32401-2015 - Technical requirements and measurement methods for VHF/UHF frequency

GB/T 12572-2008 - Universal requirements and measurement methods of parameters for radio transmitting equipment

YD/T 4774-2024 - Technical requirements for vehicle C-V2X misbehavior management

YD/T 4773-2024 - Technical requirements for unicast transmission of basic information of V2I based on LTE wireless communication technology

YD/T 4771-2024 - C-V2X large-scale test system and interface technical requirements

5 Classification and status

International classification (ICS): 33.060.99

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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