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ICS 33.060
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6310-2024

Technical requirements and test methods for satellite positioning capabilities of mobile intelligent terminals

移动智能终端卫星定位能力技术要求和测试方法

(English Translation)

Issued on: December 10, 2024 **Implemented on: April 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6310-2024 was issued by Ministry of Industry and Information Technology on 10 December 2024 and has been in force since 1 April 2025.

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 technical requirements and test methods for the satellite positioning capabilities of mobile smart terminals, mainly including the functional requirements, performance requirements and test methods of Beidou independent positioning, single Beidou positioning, and Beidou priority positioning. This standard applies to the design, development and testing of mobile smart terminals that support satellite positioning, including smartphones, tablets, laptops, wearable devices, etc.

YD/T 6310-2024 falls under ICS 33.060, 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 2844.1-2026 - Trusted Environment of Mobile Phone - Part 1: General Technical Requirement

YD/T 6307-2024 - Security requirements for 5G mobile communication network equipment - Core network network functions (Phase II)

YD/T 6308-2024 - Technical requirements for general security capabilities of 5G networks for industries

5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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