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ICS 33.030
CCS M21

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6451-2025

Metrics and methods of industry application-oriented quality evaluation for mobile internet - Location and Timing Service

面向行业应用的移动互联网网络质量评价指标和评测方法 定位授时类

(English Translation)

Issued on: July 2, 2025 **Implemented on: November 1, 2025**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-6451-2025

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1 Foreword

YD/T 6451-2025 was issued by Ministry of Industry and Information Technology on 2 July 2025 and has been in force since 1 November 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 network quality evaluation indicators and evaluation methods for mobile terminals accessing the mobile Internet and using location and timing functions.

YD/T 6451-2025 falls under ICS 33.030, 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.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

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4 Related standards

Standards on related subjects:

YD/T 3909-2021 - Vehicle emergency call system based on public telecommunication network - Requirements and architecture

YD/T 3910-2021 - Vehicle emergency call system based on public telecommunication network - Technical requirements and test method of the vehicle emergency rescue platform

YD/T 1761-2012 - Technical requirements for web accessibility

YD/T 6452-2025 - Metrics and methods of public application-oriented quality evaluation for mobile internet - Mobile gaming

YD/T 6446-2025 - Technical requirements and testing methods for secure user plane location service platform based on 5G

YD/T 6445-2025 - Technical specifications for Quantum Random Number Generator (QRNG)

5 Classification and status

International classification (ICS): 33.030

Chinese Standard Classification (CCS): M 21

Prefix YD/T: recommended standard.

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