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ICS 33.060.99
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4551-2023

5G multi-mode single card terminal equipment testing method

5G多模单卡终端设备测试方法

(English Translation)

Issued on: December 20, 2023 **Implemented on: April 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4551-2023

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1 Foreword

YD/T 4551-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 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 testing methods for 5G multi-mode single-card terminals in terms of basic communication functions, network selection methods, inter-system interoperability, voice solutions, etc. This standard is applicable to the testing and verification of 5G terminals that support stand-alone networking (Stand Alone) and non-stand-alone networking (Non-Stand Alone) in frequency bands below 6 GHz in the enhanced mobile broadband scenario (eMBB).

YD/T 4551-2023 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 4552.2-2024 - 5G Terminal NR-based Voice Solution (VoNR) Test Method - Part 2: Protocol Conformance Test

YD/T 4553-2023 - 5G multi-mode digital indoor distribution system testing method

YD/T 4552.1-2023 - 5G terminal NR-based voice solution (VoNR) test method - Part 1: Function and performance testing

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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