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ICS 33.060.99
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6427-2025

5G digital cellular mobile communication network MIMO single cable coverage system - Test method for network management interface of dual channel frequency shift system

5G数字蜂窝移动通信网多输入多输出（MIMO）单缆覆盖系统 双路移频系统网管接口测试方法

(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-6427-2025

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1 Foreword

YD/T 6427-2025 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 methods and corresponding test conditions for verifying the southbound interface monitoring functions and performance of various devices and their network management system in the network management system of a dual-frequency shifting system for a 5G digital cellular mobile communication network MIMO single-cable coverage system. This standard applies to the management of dual-frequency shifting systems in 5G digital cellular mobile communication networks MIMO single-cable coverage systems. Other relevant indoor distribution systems' active equipment network management interfaces should refer to this standard for application.

YD/T 6427-2025 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 6426-2025 - Test method for 5G network slice interface of NSMF and CN-NSSMF

YD/T 6424-2025 - 5G mobile telecommunication network - Technical requirements and test method of SBI interface (Phase 2)

YD/T 6421-2025 - 5G base station energy efficiency test method

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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