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ICS 33.060.99
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4725-2024

5G digital cellular mobile communication network FDD repeater test method

5G数字蜂窝移动通信网 FDD直放站测试方法

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4725-2024

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1 Foreword

YD/T 4725-2024 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 test methods for wireless indicators, network performance, multi-system interference, power adaptability, environmental adaptability, operation and maintenance functions, management interface IPv6 functions, safety, electromagnetic compatibility and lightning protection tests of 5G digital cellular mobile communication network frequency division duplex (FDD) repeaters with a single-channel transmission power of not less than 10W. This standard is applicable to the testing of 5G digital cellular mobile communication network FDD repeaters.

YD/T 4725-2024 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 4722-2024 - Technical requirements for shared base station equipment for 5G digital cellular mobile communication networks

YD/T 4720-2024 - 5G digital cellular mobile communication network sub-6GHz frequency band base station equipment test method (Phase II)

YD/T 4719-2024 - Technical requirements for base station equipment in the frequency band below 6 GHz for 5G digital cellular mobile communication networks (Phase II)

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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