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ICS 33.060.99
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4765-2024

5G NR base station power consumption test method

5G NR基站功耗测试方法

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4765-2024 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 energy-saving parameters of mobile communication base station equipment, specifies the reference test model and measurement method, and specifies the requirements for test environment, power supply, test reference point, instrumentation, measurement error, test data recording, etc. in the measurement method. This standard applies to the power consumption test of base station equipment of 5G (5G TDD and 5G FDD) standards.

YD/T 4765-2024 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 4773-2024 - Technical requirements for unicast transmission of basic information of V2I based on LTE wireless communication technology

YD/T 4771-2024 - C-V2X large-scale test system and interface technical requirements

YD/T 4767-2024 - Technical requirements and test methods for high-precision satellite positioning assistance information broadcasting system in 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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