Chinastandards.org

ICS 33.060.99
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

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)

5G数字蜂窝移动通信网 6GHz以下频段基站设备技术要求（第二阶段）

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-4719-2024

Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Abbreviations
3.1 Terms and definitions
4 General
4.1 Test environment
4.2 UE Information
4.3 Test Implementation
5 Technical requirements

1 Foreword

YD/T 4719-2024 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 functional requirements and performance requirements for the introduction of carrier aggregation, MIMO enhancement, uplink transmission selection, dynamic spectrum sharing, support for terminal power saving, mobility enhancement, and other technologies in the 5G base station frequency band below 6GHz for enhanced mobile broadband (eMBB) public network applications. This standard applies to the research and development, production, and testing of base station equipment in the frequency band below 6GHz for 5G digital cellular mobile communication networks.

YD/T 4719-2024 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.

Preview: page 2 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-4719-2024

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 4723-2024 - 5G digital cellular mobile communication network shared base station equipment test method

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)

5 Classification and status

International classification (ICS): 33.060.99

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

Preview: page 3 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-4719-2024