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ICS 33.060
CCS M37

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4486-2023

5G voice service core network equipment technical requirements and testing methods

5G语音业务核心网设备技术要求和测试方法

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4486-2023 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 voice system architecture, network functions and interface technical requirements when 5G core network equipment based on independent deployment architecture supports audio, video and short message services, and describes the corresponding network function test methods and service test methods. This standard is applicable to the research, development and testing of audio, video and short message business functions of 5G mobile communication systems based on independent deployment architecture.

YD/T 4486-2023 falls under ICS 33.060, 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 2576.1-2013 - Test method for user equipment of TD-LTE digital cellular mobile telecommunication network (Phase 1) - Part 1: Basic operation, services and reliability test

YD/T 2576.2-2013 - Test method for user equipment of TD-LTE digital cellular mobile telecommunication network (phase 1) - Part 2: Radio transmission and reception performance test

YD/T 2307-2011 - Technical requirement and testing methods for general function of mobile telecommunication terminal

YD/T 7130-2026 - Airborne communication - Technical requirements for cabin Wi-Fi subsystem

YD/T 4491-2023 - Technical requirements for emergency communication aerial base stations based on tethered UAVs

YD/T 4490-2023 - LTE digital cellular mobile communication network enhanced machine type communications (eMTC) terminal equipment test method (Phase 2)

5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 37

Prefix YD/T: recommended standard.

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