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ICS 33.060
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4283-2023

5G mobile communication network supports new local area network (LAN) technical requirements

5G移动通信网支持新型局域网（LAN）技术要求

(English Translation)

Issued on: April 21, 2023 **Implemented on: August 1, 2023**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4283-2023 was issued by Ministry of Industry and Information Technology on 21 April 2023 and has been in force since 1 August 2023.

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 overall technical requirements for 5G mobile communication networks to support new local area networks, including overall architecture, core network functional requirements, interface functional requirements, key processes, etc. This standard is suitable for 5G mobile communication networks to support the development and testing of new local area networks.

YD/T 4283-2023 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 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 4284.2-2024 - 5G Mobile Communication Network - Technical requirements for non-3GPP access networks to access the 5G core network - Part 2: EMS-NMS interface functions

YD/T 4279-2023 - Technical requirements for enhanced core network of 5G mobile communication network for high-reliability and low-latency communication

YD/T 4277-2023 - 5G Mobile Communication Network Core Network Slicing Enhancement Technical Requirements (Phase 1)

5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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