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ICS 33.060.99
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4279-2023

Technical requirements for enhanced core network of 5G mobile communication network for high-reliability and low-latency communication

5G移动通信网面向高可靠低时延通信的增强核心网技术要求

(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 4279-2023 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 architecture, core network functional requirements and key processes of the 5G high-reliability and low-latency communication system. The relevant content is an enhanced description of existing functions. This standard applies to core network-related network elements of 5G high-reliability and low-latency communication systems, as well as functional enhancements to related interfaces.

YD/T 4279-2023 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 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 4280-2023 - 5G mobile communication network N4 (core network control plane and user plane) interface technical requirements and test methods

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

5 Classification and status

International classification (ICS): 33.060.99

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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