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ICS 33.060
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

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

5G移动通信网 非3GPP接入网络接入5G核心网技术要求 第2部分：受信接入和有线接入

(English Translation)

Issued on: December 10, 2024 **Implemented on: April 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4284.2-2024 was issued by Ministry of Industry and Information Technology on 10 December 2024 and has been in force since 1 April 2025.

It is one of 2 parts of the YD/T 4284 series.

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.

2 Scope Preview

This standard specifies the system architecture, functional characteristics, network functions, control plane and user plane protocol stacks, signaling processes, etc. for trusted non-3GPP and wired access networks to access the 5G core network. This standard applies to the network functions used in the 5G core network for trusted non-3GPP and wired access networks to access the 5G core network, including the research and development, testing and verification and evaluation of network elements such as the trusted non-3GPP gateway function (TNGF), the wired access gateway function (W-AGF), and the access and mobility management function (AMF).

YD/T 4284.2-2024 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

Other parts of this standard:

YD/T 4284.1-2023 - 5G mobile communication network Technical requirements for non-3GPP access network access to 5G core network - Part 1: Untrusted access

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

YD/T 4264-2023 - SDN Data Center Switch YANG Model Based on Ethernet Virtual Private Network (EVPN)

5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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