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ICS 33.060
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4742-2024

5G Mobile Communication Network Core Network Function Test Method (Phase II)

5G移动通信网 核心网网络功能测试方法（第二阶段）

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4742-2024

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1 Foreword

YD/T 4742-2024 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 test methods for 5G mobile communication network functions, including highly reliable and low latency communication (URLLC), cellular Internet of Things (CIoT), network data analysis function (NWDAF), service-oriented architecture enhancement (eSBA), SMF and UPF topology enhancement (ETSUN), location service enhancement (eLCS), non-public network (NPN), 5G local area network (5G LAN), network slicing enhancement and other features. This standard is applicable to the testing of 5G mobile communication network network functions.

YD/T 4742-2024 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

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 4735-2024 - Technical requirements for base station equipment of 5G mobile communication network positioning system (Phase I)

YD/T 4734-2024 - Overall technical requirements for 5G mobile communication network positioning system (Phase I)

YD/T 4733-2024 - Technical requirements and test methods for vehicle communication antennas

5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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