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ICS 33.060
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6424-2025

5G mobile telecommunication network - Technical requirements and test method of SBI interface (Phase 2)

5G移动通信网 服务化接口技术要求和测试方法（第二阶段）

(English Translation)

Issued on: July 2, 2025 **Implemented on: November 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6424-2025 was issued by Ministry of Industry and Information Technology on 2 July 2025 and has been in force since 1 November 2025.

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 technical requirements for service-oriented interfaces (Namf, Nsmf, Nudm, Nausf, Npcf, Nnrf, Nnssf, Nnef, Nnwdaf, Nbsf, Nlmf, Ngmlc, Naf, Nnssaaf, etc.) of the 5G mobile communication network core network based on standalone (SA) architecture, and describes the corresponding test methods. This standard applies to the functional development and verification of service-oriented interfaces in the 5G mobile communication network core network.

YD/T 6424-2025 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 6427-2025 - 5G digital cellular mobile communication network MIMO single cable coverage system - Test method for network management interface of dual channel frequency shift system

YD/T 6426-2025 - Test method for 5G network slice interface of NSMF and CN-NSSMF

YD/T 6421-2025 - 5G base station energy efficiency test method

5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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