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ICS 33.040.40
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4809-2024

Technical requirements for automated quality measurement of in-band flow information in telecommunication operator networks

电信运营商网络带内流信息的自动化质量测量数据面技术要求

(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-4809-2024

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1 Foreword

YD/T 4809-2024 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 data content and encapsulation method of the automated quality measurement technology for IP network in-band flow information, including the data content of the flow detection technology based on the alternating dyeing principle and its IPv6 encapsulation method, SRv6 encapsulation method, MPLS encapsulation method, etc., and the data content of the flow detection technology based on the IOAM principle and its IPv6 encapsulation method, SRv6 encapsulation method, MPLS encapsulation method, etc. This standard is applicable to the field of data communication and can be used to guide the development, testing and deployment of network equipment that supports flow detection technology.

YD/T 4809-2024 falls under ICS 33.040.40, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

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In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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:

CJ/T 188-2018 - Technical requirements of utility meters data transmission

YDC 079-2009 - Technical Specifications and Testing Methods of Wireless LAN for Mobile Terminals

YD/T 4807-2024 - Technical requirements of YANG model based on MPLS segment routing in IP bearer network

YD/T 4802-2024 - Architecture and functional requirements of the intelligent communication network willingness management module based on SDN/NFV

YD/T 4800-2024 - Technical requirements for the generic YANG data model for routing domains

5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.

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