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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4271-2023

Technical requirements for automatic quality measurement of in-band flow information in telecom operators' networks

电信运营商网络带内流信息的自动化质量测量技术要求

(English Translation)

Issued on: April 21, 2023 **Implemented on: August 1, 2023**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
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Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Abbreviations
3.1 Terms and definitions
4 General
4.1 Test environment
4.2 UE Information
4.3 Test Implementation
5 Requirements

1 Foreword

YD/T 4271-2023 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 technical requirements for automated quality measurement of in-band flow information in telecom operators' networks, including IFIT architecture, key technologies and technical requirements, and provides typical application scenarios. This standard is applicable to the automated quality measurement of data plane in-band flow information in multi-type service bearer scenarios on operator networks, and guides the development, testing and deployment of IFIT functions of IP network equipment.

YD/T 4271-2023 is filed under Chinese Standard Classification L78, in the field of electronic components and information technology.

This catalogue holds 2,288 other YD/T standards without an ICS number.

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:

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 4272-2023 - Enhanced virtual private network (VPN+) technical requirements

YD/T 4269-2023 - IP network in-band operation, administration and maintenance (IOAM) data content and encapsulation method

YD/T 4263-2023 - TTP model of SDN-based data center OpenFlow switch

5 Classification and status

International classification (ICS): 30.040.35

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.

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