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ICS 33.040.20

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4505-2023

Enhanced synchronization device slave clock technical requirements

增强型同步设备从时钟技术要求

(English Translation)

Issued on: December 20, 2023 **Implemented on: April 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4505-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 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 performance requirements for enhanced synchronous device slave clocks, including performance requirements for noise generation, noise tolerance, noise transfer, short-term transient response, and long-term hold-up. This standard applies to the development and production of Packet Transport Network (PTN) equipment, Sliced Packet Network (SPN) equipment and Optical Transport Network (OTN) equipment that use enhanced synchronization equipment slave clocks.

YD/T 4505-2023 falls under ICS 33.040.20, 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:

JB 2293-1978 - Wind tunnel test method of radiator of automobile and tractor

YD/T 4046-2022 - Cloud computing open application model

YD/T 4045-2022 - Big data - technical requirements and test methods for message middleware

YD/T 4044-2022 - Technical requirements for AI-based knowledge graph construction

5 Classification and status

International classification (ICS): 33.040.20

Prefix YD/T: recommended standard.

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