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ICS 33.040.01
CCS M11

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 1543.1-2007

Technical Specification for 2GHz TD-SCDMA/WCDMA Digital Cellular Mobile Communication Network (Phasel). Part 1: Gene

2GHz WCDMA数字蜂窝移动通信网Iu接口技术要求(第一阶段) 第1部分:总则

(English Translation)

Issued on: May 16, 2007 **Implemented on: May 16, 2007**

Issued by: Ministry of Information Industry of the People's Republic of China

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https://chinastandards.org/standards/yd-t-1543-1-2007

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1 Foreword

YD/T 1543.1-2007 was issued by Ministry of Information Industry of the People's Republic of China on 16 May 2007 and took effect the same day.

It is one of 4 parts of the YD/T 1543 series.

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.

2 Scope Preview

This standard specifies the 2GHz WCDMA digital cellular mobile communication network, wireless network resources (RNC) and the core network (CN) Iu interface between the layers of the specific requirements. This standard applies to 2GHz WCDMA digital cellular mobile communication network Iu interface.

YD/T 1543.1-2007 falls under ICS 33.040.01, 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.

3 Where this standard sits

YD/T 1543.1-2007 is classified under ICS 33.040.01, in the field of telecommunications.

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It is one part of the YD/T 1543 series, of which this catalogue holds 4 parts.

4 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Information Industry of the People's Republic of China

English translation: about 13 pages (approximate)

Chinese original: about 19,155 characters

5 Related standards

Other parts of this standard:

YD/T 1543.2-2007 - Part 2: Layer 1

YD/T 1543.5-2007 - Part 5: Data Transport and Traansport Signaling

YD/T 1543.6-2007 - Part 6: User Plane

Standards on related subjects:

GB/T 41301-2022 - Management requirements of IPv6 address in intelligent manufacturing environments

YD/T 1730-2008 - Implementation Guide for Security Risk Assessment of Telecom Network and Internet

YD/T 1548.1-2007 - 2GHz WCDMA digital cellular mobile communication network terminal equipment testing method (second stage) - Part 1: Basic functions, operations and performance testing

YD/T 6514-2025 - Technical requirements for SRv6 based SD-WAN GW

YD/T 6473-2025 - Interface test method of smart real-time audio and video transport network

YD/T 6472-2025 - The technical requirements for content distribution network whole site acceleration

6 Classification and status

International classification (ICS): 33.040.01

Chinese Standard Classification (CCS): M 11

Prefix YD/T: recommended standard.

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