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ICS 33.070
CCS M37

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 1424.1-2005

Technical requirements for digital cellular communication network equipment Service Switch Point (SSP) (CAMEL3). CS domain part

900/18OOMHz TDMA数字蜂窝移动通信网业务交换点(SSP)设备技术要求(CAMEL3)第1部分:电路域(CS)

(English Translation)

Issued on: December 26, 2005 **Implemented on: March 1, 2006**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 26 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 Technical requirements

1 Foreword

YD/T 1424.1-2005 was issued by Ministry of Industry and Information Technology on 26 December 2005 and has been in force since 1 March 2006.

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 26 pages in English translation.

2 Scope Preview

This standard specifies the 900/1800MHz TDMA CAMEL3 stage digital cellular mobile communication network circuit switched domain (hereinafter referred to as GSM/GPRS system CS domain) on the service switching point (SSP) for the technical requirements, including the SSP functionality, interfaces, protocols, signaling with, billing, maintenance, measurement and so on. Its technical requirements refer to MSC/VLR/GMSC device supports SSP functions directly upgrade the technical requirements of the equipment. This standard applies to 900/1800MHz TDMA digital cellular mobile communication network CAMEL3 stage CS domain service switching point (SSP) devices.

YD/T 1424.1-2005 falls under ICS 33.070, 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 26 pages (approximate)

Chinese original: about 39,313 characters

4 Related standards

Standards on related subjects:

YD/T 1539-2006 - Technical Requirements and Testing Methods for Reliability of Mobile Telecommunication Handset

YD 1268.1-2003 - [YD/T 1268.1-2003] The safety specification and test method for lithium batteries

YD 1268.2-2003 - [YD/T 1268.2-2003] The safety specification and test method for lithium battery charger

YD/T 6501.1-2025 - Antenna performance requirement and measurement method for civil robots integrated with wireless communication technology - Part 1: General requirement

YD/T 2869.3-2025 - Performance requirement and measurement method for MIMO antenna terminal Part 3: 5G NR wireless terminal (mmWave)

YD/T 1415-2008 - Security Technical Specification of IP Multimedia Subsystem for 2GHz TD-SCDMA/WCDMA Digital Cellular Mobile Communication Network

5 Classification and status

International classification (ICS): 33.070

Chinese Standard Classification (CCS): M 37

Prefix YD/T: recommended standard.

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