Chinastandards.org

ICS 33.060.99
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4355-2023

Technical requirements for cellular broadband connection capabilities of smart devices based on parallel multitasking operating systems

基于并行多任务操作系统的智能设备蜂窝宽带连接能力技术要求

(English Translation)

Issued on: July 28, 2023 **Implemented on: November 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:
https://chinastandards.org/standards/yd-t-4355-2023

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 4355-2023 was issued by Ministry of Industry and Information Technology on 28 July 2023 and has been in force since 1 November 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 cellular broadband connection capabilities of parallel multi-tasking operating system smart devices, including communication functions and performance, typical implementation methods, antenna performance, reliability, electromagnetic compatibility, etc. Communication function and performance requirements mainly include 4G, 5G Communication capability operating bandwidth (Operating band), physical layer functional requirements, layer 2/layer 3 technical requirements, non-access layer technical requirements, basic process requirements, business function requirements, terminal radio frequency index requirements, terminal performance requirements, uplink enhancement performance Ask to wait. This standard applies to parallel multi-tasking operating system smart devices with cellular broadband connection capabilities, such as laptops, tablets, etc.

YD/T 4355-2023 falls under ICS 33.060.99, in the field of telecommunications.

Preview: page 2 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-4355-2023

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 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:

YD/T 3711-2020 - Technical requirement of IMS based vehicle eCall system based on public telecommunication network

GB/T 32401-2015 - Technical requirements and measurement methods for VHF/UHF frequency

GB/T 12572-2008 - Universal requirements and measurement methods of parameters for radio transmitting equipment

YD/T 4349-2023 - Technical requirements for wireless network element management system (EMS) in co-construction and sharing scenarios

YD/T 4348-2023 - LTE mobile service key quality indicator (KQI) technical requirements based on deep packet inspection (DPI)

YD/T 4345-2023 - 5G network slicing management function (NSMF) and access network slicing subnet management function (AN-NSSMF) interface technical requirements

5 Classification and status

International classification (ICS): 33.060.99

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

Preview: page 3 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-4355-2023