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ICS 33.100
CCS M04

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4518.1-2023

Electromagnetic compatibility requirements and test methods for composite equipment with integrated communication functions - Part 1: Equipment used in residential, commercial and light industrial environments

集成通信功能的复合型设备的电磁兼容性要求和测试方法 第1部分：用于居住、商业和轻工业环境中的设备

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4518-1-2023

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1 Foreword

YD/T 4518.1-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 2024.

It is one of 2 parts of the YD/T 4518 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 electromagnetic compatibility (EMC) requirements for composite equipment with integrated communications functions used in residential, commercial and light industrial environments. This standard only applies to composite devices whose wireless communication functions are within the scope of the standards listed in Article 2.1.2 and whose non-wireless communication functions are within the scope of the standards listed in Article 2.1.3. This standard does not contain requirements for antenna ports that are suitable for specific purposes, which are typically associated with the efficient use of the radio spectrum.

YD/T 4518.1-2023 falls under ICS 33.100, 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

Other parts of this standard:

YD/T 4518.2-2023 - Part 2: Equipment used in industrial environments

Standards on related subjects:

YD/T 2583.18-2019 - Requirement and measurement methods of electromagnetic compatibility for cellular mobile telecommunication equipment - Part 18: 5G user equipment and ancillary equipment

YD/T 2583.14-2013 - Requirements and measurement methods of electromagnetic compatibility for cellular mobile telecommunications equipment. Part 14: LTE user equipment and ancillary equipment

YD/T 2436-2012 - Technical requirements and measurement method of the interface of multi mode terminal equipment

YD/T 4517.2-2024 - Electromagnetic compatibility requirements and measurement methods for vehicle networking communication equipment - Part 2: Vehicle-mounted wireless communication terminals

YD/T 4517.1-2024 - Electromagnetic compatibility requirements and measurement methods for vehicle networking communication equipment - Part 1: Roadside wireless communication terminals

5 Classification and status

International classification (ICS): 33.100

Chinese Standard Classification (CCS): M 04

Prefix YD/T: recommended standard.

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