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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4517.2-2024

Electromagnetic compatibility requirements and measurement methods for vehicle networking communication equipment - Part 2: Vehicle-mounted wireless communication terminals

车联网通信设备电磁兼容性要求和测量方法 第2部分：车载无线通信终端

(English Translation)

Issued on: March 29, 2024 **Implemented on: July 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4517.2-2024 was issued by Ministry of Industry and Information Technology on 29 March 2024 and has been in force since 1 July 2024.

It is one of 4 parts of the YD/T 4517 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 requirements for on-board wireless communication equipment and its auxiliary equipment used in vehicle networking, including measurement methods, measurement frequency ranges, limits and performance criteria. This standard applies to vehicle-mounted wireless communication terminal equipment, including vehicle-mounted wireless medium- and short-range communication equipment and wide-area communication equipment used for communication, such as vehicle-mounted Bluetooth equipment, vehicle-mounted wireless LAN equipment,

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vehicle-mounted cellular wireless communication equipment, and other vehicle-mounted wireless communication equipment.

YD/T 4517.2-2024 is filed under Chinese Standard Classification M04, in the field of telecommunications and broadcasting.

This catalogue holds 2,288 other YD/T standards without an ICS number.

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

Other parts of this standard:

YD/T 4517.1-2024 - Part 1: Roadside wireless communication terminals

YD/T 4517.3-2023 - Internet of Vehicles communication equipment - Part 3: Vehicle Ethernet communication equipment

YD/T 4517.4-2024 - Part 4: Vehicle-mounted satellite communication equipment

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

5 Classification and status

Chinese Standard Classification (CCS): M 04

Prefix YD/T: recommended standard.

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