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ICS 33.060.20
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4733-2024

Technical requirements and test methods for vehicle communication antennas

车载通信天线技术要求和测试方法

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4733-2024

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1 Foreword

YD/T 4733-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 2024.

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 performance requirements, environmental reliability requirements and corresponding test methods of the antenna monomer and the vehicle-mounted communication antenna at two angles after the antenna is installed on the vehicle, and specifies the requirements for the test system and test site. This standard is applicable to the antenna used for communication with external equipment in the vehicle antenna, as well as the antenna used for communication with other on-board equipment or other equipment in the vehicle, including but not limited to FM/AM antennas, satellite navigation receiving antennas (Beidou/GPS), mobile communication antennas (2G/3G/4G), remote control transceiver antennas, vehicle Bluetooth antennas, and WiFi antennas.

YD/T 4733-2024 falls under ICS 33.060.20, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

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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 4725-2024 - 5G digital cellular mobile communication network FDD repeater test method

YD/T 4724-2024 - Technical requirements for FDD repeater stations in 5G digital cellular mobile communication networks

YD/T 4723-2024 - 5G digital cellular mobile communication network shared base station equipment test method

5 Classification and status

International classification (ICS): 33.060.20

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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