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ICS 33.050
CCS M37

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6288-2024

Transmission performance requirements and test methods for vehicle-mounted ultra-wideband and full-band voice communication equipment

车载超宽带和全频带语音通信设备传输性能要求和测试方法

(English Translation)

Issued on: December 10, 2024 **Implemented on: April 1, 2025**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-6288-2024

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1 Foreword

YD/T 6288-2024 was issued by Ministry of Industry and Information Technology on 10 December 2024 and has been in force since 1 April 2025.

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, test configuration, environmental conditions and test methods for vehicle-mounted ultra-wideband and full-band hands-free voice communication equipment, including the test of complete vehicle-mounted systems and vehicle-mounted ultra-wideband and full-band hands-free microphones. This standard applies to original vehicle-mounted ultra-wideband and full-band hands-free systems and later installed vehicle-mounted ultra-wideband and full-band hands-free accessories. Wired headphone-microphone sets and wireless headphone-microphone sets used in the car can refer to this standard.

YD/T 6288-2024 falls under ICS 33.050, 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

Standards on related subjects:

YD/T 2576.1-2013 - Test method for user equipment of TD-LTE digital cellular mobile telecommunication network (Phase 1) - Part 1: Basic operation, services and reliability test

YD/T 2576.2-2013 - Test method for user equipment of TD-LTE digital cellular mobile telecommunication network (phase 1) - Part 2: Radio transmission and reception performance test

YD/T 2307-2011 - Technical requirement and testing methods for general function of mobile telecommunication terminal

YD/T 7386-2026 - 5G Digital Cellular Mobile Telecommunication Network Technical Requirement and Test Method of gNB Equipment for uRLLC (Phase 1)

YD/T 7130-2026 - Airborne communication - Technical requirements for cabin Wi-Fi subsystem

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

5 Classification and status

International classification (ICS): 33.050

Chinese Standard Classification (CCS): M 37

Prefix YD/T: recommended standard.

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