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ICS 33.100
CCS M04

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4731-2024

Electromagnetic compatibility requirements and measurement methods for body-worn devices based on wireless communication

基于无线通信的人体佩戴设备的电磁兼容性要求和测量方法

(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-4731-2024

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1 Foreword

YD/T 4731-2024 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 electromagnetic compatibility requirements for human-worn wireless communication devices and their auxiliary equipment using wireless communication, including measurement methods, frequency ranges, limits and performance criteria. This standard applies to human-worn devices based on wireless communication, which can be worn on the wrist, head, neck, waist and other parts of the body, including human-worn wireless communication terminals based on mobile communication, human health index monitoring equipment, sports monitoring and evaluation equipment, virtual reality equipment and other human-worn wireless communication terminal devices and other wireless devices, such as smart watches, smart bracelets, smart glasses, smart helmets, smart belts, remote fetal heart monitoring and smart electrocardiogram monitors.

YD/T 4731-2024 falls under ICS 33.100, in the field of telecommunications.

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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 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 5271-2026 - Technical Specifications for Software Defined Optical Network Engineering

YD/T 5115-2026 - Technical Specification for Mobile Communication Repeater Engineerin

YD/T 2583.1-2026 - Requirements and measurement methods of electromagnetic compatibility for cellular Mobile telecommunications equipment - Part 1: Base station and ancillary equipment

5 Classification and status

International classification (ICS): 33.100

Chinese Standard Classification (CCS): M 04

Prefix YD/T: recommended standard.

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