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ICS 33.060.99
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4179-2023

30MHz~1GHz Micro-power short-distance radio transmission equipment RF test method

30MHz～1GHz微功率短距离无线电发射设备射频测试方法

(English Translation)

Issued on: April 21, 2023 **Implemented on: August 1, 2023**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4179-2023

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1 Foreword

YD/T 4179-2023 was issued by Ministry of Industry and Information Technology on 21 April 2023 and has been in force since 1 August 2023.

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 duty cycle, transmit power, transmit power spectral density, frequency tolerance, occupied bandwidth, and single transmission duration of signals transmitted by 30MHz to 1GHz micropower short-distance radio transmitting equipment (hereinafter referred to as "micropower equipment"), test methods for interval between two launches, pre-launch search, frequency of use, spurious radiated emissions and conducted disturbance emissions. This standard applies to the management of research and development, production, acceptance and use of micropower equipment from 30MHz to 1GHz.

YD/T 4179-2023 falls under ICS 33.060.99, 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 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 4180-2023 - 1GHz ~ 40GHz micro-power short-distance radio transmission equipment radio frequency test method

YD/T 4178-2023 - 9kHz ~ 30MHz micro-power short-distance radio transmission equipment radio frequency test method

YD/T 4188-2023 - Technical requirements for voice service interconnection based on WLAN access to LTE network

5 Classification and status

International classification (ICS): 33.060.99

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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