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ICS 17.240
CCS L06

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6549-2025

Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (O Hz to 300 GHz)

与电磁场（0Hz～300GHz）人体暴露限制有关的电子和电气设备的评估

(English Translation)

Issued on: December 17, 2025 **Implemented on: April 1, 2026**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-6549-2025

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1 Foreword

YD/T 6549-2025 was issued by Ministry of Industry and Information Technology on 17 December 2025 and has been in force since 1 April 2026.

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 methods and criteria for radiation assessment of electronic and electrical equipment, used to evaluate equipment based on human exposure limits related to electric, magnetic, and electromagnetic fields. The frequency range covered is 0 Hz to 300 GHz. This standard applies to electronic and electrical equipment for which there are no specific product standards or product series standards regarding human exposure to electromagnetic fields. It covers equipment with intentional or unintentional radiators, as well as combinations of such radiators. This standard does not specify limits expressed as basic limits and/or reference levels; such limits depend on the assessment scheme applied, such as regional limits. The assessment methods and criteria for evaluating equipment based on basic limits or reference levels are applicable to general public or occupational exposure.

YD/T 6549-2025 falls under ICS 17.240, in the field of metrology and measurement.

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This catalogue holds 5 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:

GB/T 6113.104-2021 - Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements

GB/T 6113.201-2018 - Specification for radio disturbance and immunity measuring apparatus and methods -- Part 2-1: Methods of measurement of disturbances and immunity -- Conducted disturbance measurements

YD/T 983-2013 - Limits and methods of measurement of electromagnetic compatibility of telecommunicatin power supply equipment

YD/T 1312.15-2026 - Requirements and measurement methods of electromagnetic compatibility for radio communication equipment - Part 15: Ultra wide band (UWB) communications devices

YD/T 1312.13-2026 - Requirements and measurement methods of electromagnetic compatibility for radio communication equipment - Part 13: Power adapter of mobile telecommunication terminal equipement

YD/T 1312.11-2026 - Requirements and measurement methods of electromagnetic compatibility for radio communication equipment - Part 11: Fixed broadband wireless access system user equipment and its ancillary equipment

5 Classification and status

International classification (ICS): 17.240

Chinese Standard Classification (CCS): L 06

Prefix YD/T: recommended standard.

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