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ICS 33.100
CCS L06

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4196-2023

Determination of spatial average peak specific absorption rate (SAR) in the human body General requirements for wireless communication equipment (30MHz-6GHz) Finite element method (FEM) calculation of SAR

确定人体内空间平均峰值比吸收率（SAR） 无线通信设备（30MHz-6GHz） 有限元法（FEM）计算SAR的通用要求

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4196-2023 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 applies to mathematical models for determining the spatially averaged peak specific absorption rate (SAR) using finite element simulations of electromagnetic field conditions generated by wireless communication devices in a human anatomical model to determine SAR.

YD/T 4196-2023 falls under ICS 33.100, 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.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

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4 Related standards

Standards on related subjects:

GB 4343.1-2024 - Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission

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

GB/T 4365-2003 - Electrotechnical terminology -- Electromagnetic compatibility

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): 33.100

Chinese Standard Classification (CCS): L 06

Prefix YD/T: recommended standard.

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