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ICS 17.240
CCS A55

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4183-2023

Data Collection Methods and Mapping Requirements for Exposure to Radio Frequency Electromagnetic Fields

射频电磁场暴露数据采集方法和地图绘制要求

(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 4183-2023 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 a method for generating radio frequency electromagnetic field (RF-EMF) radiation maps, including technical requirements for radiation data collection systems and mapping, to assess or visualize the radiation of radio frequency electromagnetic fields in certain areas. exposure level. This standard is applicable to the collection of exposure data and the drawing of radiation maps for radio frequency electromagnetic fields (30MHz-300GHz) generated by radio transmission equipment/facilities such as mobile communication base stations and radio and television transmitting stations.

YD/T 4183-2023 falls under ICS 17.240, in the field of metrology and measurement.

This catalogue holds 5 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:

JJF 1832-2020 - Calibration Specification for (1 mT~2.5 T) Magnetometers

JJF 1234-2018 - Calibration Specification for Ventilators

JJG 376-2007 - Verification Regulation of Electrolytic Conductivity Meters

YD/T 3030-2015 - Evaluation, assessment and monitoring methods for human exposure to radio communication facilities of the surrounding radio frequency electromagnetic fields

5 Classification and status

International classification (ICS): 17.240

Chinese Standard Classification (CCS): A 55

Prefix YD/T: recommended standard.

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