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ICS 33.060.30
CCS P76

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6503-2025

Test specification of electromagnetic environment for earth station

固定地球站电磁环境测试规范

(English Translation)

Issued on: August 19, 2025 **Implemented on: December 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6503-2025 was issued by Ministry of Industry and Information Technology on 19 August 2025 and has been in force since 1 December 2025.

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 testing requirements and methods for the electromagnetic environment of satellite earth station sites located at fixed locations, and standardizes the content of electromagnetic environment test conclusions. This document applies to electromagnetic environment testing for fixed earth station sites operating in the 1GHz to 40GHz frequency range.

YD/T 6503-2025 falls under ICS 33.060.30, 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:

GB 30485-2013 - Standard for pollution control on co-processing of solid wastes in cement kiln

GB 50949-2013 - Construction code for sound reinforcement system

GB 50313-2013 - Code for design of fire communication and command system

YD/T 7164.2-2026 - Smart multifunctional pole (tower) Management platform - Part 2: Technical requirements for service operation

YD/T 7164.1-2026 - Smart multifunctional pole (tower) Management platform - Part 1: Technical requirements for equipment access and management

YD/T 7093-2026 - Technical Specification of Scheduling and Management of Ubiquitous Computing Power

5 Classification and status

International classification (ICS): 33.060.30

Chinese Standard Classification (CCS): P 76

Prefix YD/T: recommended standard.

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