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ICS 33.060
CCS M35

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6534-2025

Technical requirement for industry specific single-mode non-handheld terminals of TianTong-1 mobile communication satellite system

天通一号卫星移动通信系统行业专用型单模非手持终端技术要求

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-6534-2025

Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Abbreviations
3.1 Terms and definitions
4 General
4.1 Test environment
4.2 UE Information
4.3 Test Implementation
5 Technical requirements

1 Foreword

YD/T 6534-2025 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 technical requirements for industry-specific single-mode non-handheld terminals of the Tiantong-1 satellite mobile communication system, including services, functions, performance, reliability, radio frequency, audio, communication radiation interference and anti-interference, specific absorption rate, and antenna performance. This standard applies to the research, design, production, and testing of industry-specific single-mode non-handheld terminal equipment using the Tiantong-1 satellite communication standard.

YD/T 6534-2025 falls under ICS 33.060, 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:

JT/T 1458-2023 - Performance requirements and testing approaches of commercial vehicle communication system (V2X) terminal

JT/T 766.2-2019 - Shipborne terminal of BeiDou navigation satellite system - Part 2: Data exchange protocols

YD/T 6506-2025 - The limits and calculation method of unwanted emission levels produced by a nongeostationary fixed-satellite service system in Ku/Ka/O/V band at radio astronomy sites

YD/T 6505-2025 - The limits and calculation method of unwanted emission levels produced by a nongeostationary fixed-satellite service system in Ka band at radio astronomy sites

YD/T 6535-2025 - Test method for industry specific single-mode non-handheld terminals of TianTong-1 mobile communication satellite system

5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 35

Prefix YD/T: recommended standard.

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