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ICS 33.060.20
CCS M37

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 2869.3-2025

Performance requirement and measurement method for MIMO antenna terminal Part 3: 5G NR wireless terminal (mmWave)

终端MIMO天线性能要求和测量方法第3部分：5GNR无线终端（mmWave）

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 2869.3-2025 was issued by Ministry of Industry and Information Technology on 17 December 2025 and has been in force since 1 April 2026.

It is one of 3 parts of the YD/T 2869 series.

2 Scope

This standard specifies the general requirements for performance measurement methods of MIMO antenna 5G NR wireless terminals (mmWave) space radio frequency receivers, mainly including throughput performance measurement methods and performance requirements under specific channel scenarios. This standard applies to the over-the-air (OTA) testing of 5G NR wireless terminal equipment supporting millimeter-wave bands.

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

Other parts of this standard:

YD/T 2869.1-2021 - Terminal MIMO antenna performance requirements and measurement methods - Part 1: LTE wireless terminal

YD/T 2869.2-2024 - Terminal MIMO antenna performance requirements and measurement methods - Part 2: 5G terminals (frequency bands below 6 GHz)

5 Classification and status

International classification (ICS): 33.060.20

Chinese Standard Classification (CCS): M 37

Prefix YD/T: recommended standard.

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