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ICS 33.060.20
CCS M37

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4730-2024

Measurement method of air interface electromagnetic characteristics of 5G active integrated system

5G有源一体化系统空口电磁特性测量方法

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4730-2024

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1 Foreword

YD/T 4730-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 2024.

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 measurement method of the electromagnetic characteristics of the air interface of the 5G NR wireless network active integrated system. This standard is applicable to the laboratory test and verification of the RF and antenna performance of the macro station active integrated system.

YD/T 4730-2024 falls under ICS 33.060.20, 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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English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

YD/T 2576.1-2013 - Test method for user equipment of TD-LTE digital cellular mobile telecommunication network (Phase 1) - Part 1: Basic operation, services and reliability test

YD/T 2576.2-2013 - Test method for user equipment of TD-LTE digital cellular mobile telecommunication network (phase 1) - Part 2: Radio transmission and reception performance test

YD/T 2307-2011 - Technical requirement and testing methods for general function of mobile telecommunication terminal

YD/T 7386-2026 - 5G Digital Cellular Mobile Telecommunication Network Technical Requirement and Test Method of gNB Equipment for uRLLC (Phase 1)

YD/T 7130-2026 - Airborne communication - Technical requirements for cabin Wi-Fi subsystem

YD/T 4721-2024 - Technical requirements for 5G digital cellular mobile communication network enhanced mobile broadband terminal equipment (Phase II)

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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