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ICS 33.060
CCS M30

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6422-2025

5G mobile communication network - General technical requirements of proximity based services (ProSe)

5G移动通信网 邻近通信（ProSe）总体技术要求

(English Translation)

Issued on: July 2, 2025 **Implemented on: November 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6422-2025 was issued by Ministry of Industry and Information Technology on 2 July 2025 and has been in force since 1 November 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 overall technical requirements for 5G mobile communication networks supporting ProSe, including the ProSe reference architecture, ProSe functional entity requirements, higher-level functions and characteristics of ProSe, and related information flows. This standard is applicable to the research and development and testing of ProSe-related functions for 5GC and UE.

YD/T 6422-2025 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:

YD/T 3710-2020 - Test methods of message layer of LTE-based vehicular communication

YD/T 2879-2026 - Synchronization OAM technical requirements based on packet network

YD/T 6425-2025 - 5G mobile communication network - Test methods for policy control of core network

YD/T 6423-2025 - Technical requirement for 5G Non-Public Network (Phase 2)

5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 30

Prefix YD/T: recommended standard.

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