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ICS 33.060
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4188-2023

Technical requirements for voice service interconnection based on WLAN access to LTE network

基于WLAN接入LTE网络的语音业务互联互通技术要求

(English Translation)

Issued on: April 21, 2023 **Implemented on: August 1, 2023**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4188-2023

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1 Foreword

YD/T 4188-2023 was issued by Ministry of Industry and Information Technology on 21 April 2023 and has been in force since 1 August 2023.

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 voice service interoperability of S2b-based untrusted WLAN access to EPC networks, including interoperability network architecture, technical requirements for each network element, interoperability technical requirements, etc. The 2G/3G cellular networks in this standard include GSM/TD-SCDMA, GSM/WCDMA and cdma2000 networks. LTE cellular networks include TD-LTE and LTE FDD networks.

YD/T 4188-2023 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 3711-2020 - Technical requirement of IMS based vehicle eCall system based on public telecommunication network

GB/T 32401-2015 - Technical requirements and measurement methods for VHF/UHF frequency

GB/T 12572-2008 - Universal requirements and measurement methods of parameters for radio transmitting equipment

YD/T 4194-2023 - 5G Terminal NR-Based Voice Solution (VoNR) Technical Requirements

YD/T 4192-2023 - Technical requirements for mobile data network capability exposure device interface for application capability exposure

YD/T 4191-2023 - 5G bearer network interconnection and interworking technical requirements

5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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