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ICS 33.060.99
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4194-2023

5G Terminal NR-Based Voice Solution (VoNR) Technical Requirements

5G终端基于NR的语音解决方案（VoNR）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-4194-2023

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1 Foreword

YD/T 4194-2023 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 functional requirements, performance requirements, interface requirements for 5G mobile terminals to support voice services (including voice calls, video calls, short messages, emergency calls, supplementary services, etc.) through NR-based voice solutions (VoNR), and Human-machine interface requirements, etc. This standard applies to the development and testing methods of 5G mobile terminal equipment based on VoNR voice solutions.

YD/T 4194-2023 falls under ICS 33.060.99, 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 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

YD/T 4188-2023 - Technical requirements for voice service interconnection based on WLAN access to LTE network

5 Classification and status

International classification (ICS): 33.060.99

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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