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ICS 33.060.20
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4552.1-2023

5G terminal NR-based voice solution (VoNR) test method - Part 1: Function and performance testing

5G终端基于NR的语音解决方案（VoNR）测试方法 第1部分：功能和性能测试

(English Translation)

Issued on: December 20, 2023 **Implemented on: April 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4552-1-2023

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1 Foreword

YD/T 4552.1-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 2024.

It is one of 2 parts of the YD/T 4552 series.

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.

2 Scope Preview

This standard specifies the basic functions, business performance, and human-machine interface of 5G mobile terminals to support voice services (including voice, video, short messages, emergency calls, supplementary services, etc.) through NR-based voice solutions (VoNR) Test Methods. This standard is applicable to the functional and performance testing of 5G mobile terminal equipment supporting NR-based voice solutions.

YD/T 4552.1-2023 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.

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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

Other parts of this standard:

YD/T 4552.2-2024 - 5G Terminal NR-based Voice Solution (VoNR) Test Method - Part 2: Protocol Conformance Test

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 4553-2023 - 5G multi-mode digital indoor distribution system testing method

YD/T 4551-2023 - 5G multi-mode single card terminal equipment testing method

5 Classification and status

International classification (ICS): 33.060.20

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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