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ICS 33.050
CCS M37

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4515-2023

Mobile intelligent terminal intelligent performance benchmark evaluation method

移动智能终端智能化性能基准测评方法

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4515-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 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 a method for benchmark testing of inference calculations on the mobile intelligent terminal side by using neural network models to evaluate the computing performance of the terminal based on neural network models. The evaluation scenarios include different scenarios such as image processing and video processing, and requirements are set for test sets, test methods and evaluation indicators for different scenarios. This standard applies to mobile intelligent terminals with intelligent operating systems, including digital mobile phones, tablet computers and other digital mobile communication terminal equipment.

YD/T 4515-2023 falls under ICS 33.050, 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 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 4520-2023 - Technical requirements for privacy protection in big search

YD/T 4519-2023 - Technical requirements for protection of communication facility operation and maintenance personnel exposed to DC and power frequency electromagnetic fields

YD/T 4516-2023 - Technical requirements and test methods for environmental reliability of vehicle information and communication terminals

5 Classification and status

International classification (ICS): 33.050

Chinese Standard Classification (CCS): M 37

Prefix YD/T: recommended standard.

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