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ICS 33.060.99
CCS P76

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4973-2024

Safety certification test method for wireless communication technology of Internet of Vehicles based on LTE

基于LTE的车联网无线通信技术 安全认证测试方法

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4973-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 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 the security certification test methods for wireless communication technology of the Internet of Vehicles based on LTE, including the security test environment of LTE wireless communication technology of the Internet of Vehicles, V2X equipment security protocol consistency test, V2X security privacy protection test, secure communication performance test, and unicast service security test based on the V2X certificate mechanism. This standard is applicable to the security data processing function test of wireless communication equipment of the Internet of Vehicles based on LTE.

YD/T 4973-2024 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:

GB 30485-2013 - Standard for pollution control on co-processing of solid wastes in cement kiln

GB 50949-2013 - Construction code for sound reinforcement system

GB 50313-2013 - Code for design of fire communication and command system

YD/T 7164.2-2026 - Smart multifunctional pole (tower) Management platform - Part 2: Technical requirements for service operation

YD/T 7164.1-2026 - Smart multifunctional pole (tower) Management platform - Part 1: Technical requirements for equipment access and management

YD/T 7093-2026 - Technical Specification of Scheduling and Management of Ubiquitous Computing Power

5 Classification and status

International classification (ICS): 33.060.99

Chinese Standard Classification (CCS): P 76

Prefix YD/T: recommended standard.

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