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ICS 33.060.01
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 3697-2020

LTE-based proximity communication security technical requirements

基于LTE的邻近通信安全技术要求

(English Translation)

Implemented on: July 1, 2020

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 3697-2020 is issued by Ministry of Industry and Information Technology.

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 42 pages in English translation.

2 Scope Preview

This standard specifies the security of proximity communication (ProSe) in EPS, including security overview of proximity communication, network domain security, interface security between UE and ProSe functions, security requirements and security procedures for ProSe direct discovery, and security of ProSe one-to-many direct communication, EPC layer UE discovery process security and EPC-based WLAN direct discovery and communication security. This standard applies to the wireless network, core network and terminal equipment of LTE-based proximity communication.

YD/T 3697-2020 falls under ICS 33.060.01, 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 42 pages (approximate)

Chinese original: about 62,615 characters

4 Related standards

Standards on related subjects:

YD/T 3695-2020 - Vehicle Emergency Alarm System Based on Public Telecommunication Network Wireless Data Transmission Technology Requirements

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 3707-2020 - Technical requirements of network layer of LTE-based vehicular communication

YD/T 3701-2020 - 1.8GHz wireless access system terminal equipment RF technical requirements and test methods

5 Classification and status

International classification (ICS): 33.060.01

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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