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YD

INDUSTRY STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

YD/T 1107-2001

900/1800MHz TDMA Digital Cellular Mobile Telecommunication Network GPRS Radio Interface Specification. MAC/RLC

900/1800MHz TDMA数字蜂窝移动通信网通用分组无线业务(GPRS)无线接口规范
——媒体接入控制/无线链路控制(MAC/RLC)协议

(English Translation)

Issued on: March 20, 2001 **Implemented on: March 20, 2001**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 1107-2001 was issued by Ministry of Industry and Information Technology on 20 March 2001 and took effect the same day.

2 Scope

This standard specifies the 900/1800MHz TDMA Digital Cellular Mobile Telecommunication Network Packet Data Service (GPRS) wireless interface Media Access Control/Radio Link Control (MAC/RLC) protocol. Including overview of GPRS radio interface, media access control (MAC) in the common channel and packet transfer mode procedures, radio link control (RLC) in the packet transfer mode procedures, MAC/RLC block structure, message format, and defined parameters and protocol timers. This standard applies to 900/1800MHz TDMA digital cellular mobile communication network GPRS terminals and network equipment for the introduction of GPRS system and terminal equipment, network planning and equipment, equipment manufacturing, engineering design, network operation, management and maintenance provide the technical basis.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 110 pages (approximate)

Chinese original: about 165,135 characters

4 Classification and status

Chinese Standard Classification (CCS): M 19

Prefix YD/T: recommended standard.

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