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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 14397-2008

Replacing GB/T 14397-1993

**Information technology -- Telecommunication and information
exchange between systems -- Start-stop transmission signal
quality at DTE/DCE interfaces**

信息技术 系统间远程通信和信息交换 DTE/DCE接口处起止式传输的信号质量

(English Translation)

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Foreword

This standard is identical with the international standard ISO/IEC 7480:1991 Flat "Information technology - Telecommunications and information exchange DTE/DCE interface signal quality at the start-stop transmission "(in English).

This standard replaces GB/T 14397-1993 "Information processing DTE/Start-stop transmission signal quality of DCE interface." this standard and GB/T 14387-1993 compared to the main changes are as follows.

--- Remove the previous version of the content rate characteristics.

Appendix A of this standard is the data appendix.

This standard by the National Information Technology Standardization Technical Committee

and centralized.

This standard was drafted. China Electronics Standardization Institute.

Introduction

This standard is intended to supplement the electrical characteristics specified in CCITT series of recommendations, and to provide the above-mentioned series CCITT Measure the transmission signal quality characteristic of recommendations not included in the document.

Start - stop transmission signal quality equipment should meet the requirements of part depending on the application, the timing depends in part on the export of equipment used mechanism. For early start-stop transmission equipment, the timing is controlled by a mechanical source and export, but now more common electron source.

Another factor is that since most of the start-stop transmission are inherently carry the signaling transmitting and receiving devices between the Timing information. Start-stop equipment can be interfaced to a converter which converts encoded information within a synchronous transmission system, in this case Under conditions, in the quality of the signal converter interface requirements may need to be more tightly controlled.

In order to include two types of applications in both types of devices, signal quality specifications of this standard given in a separate four performance classes do not. Two of (P1 and P2) for mechanical timing DTE1), for the use of two additional electronic timing DTE. by using Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

CCITT Recommendation I. 411 (1988) ISDN user-network interfaces - Reference configuration CCITT Recommendation V. 10 (1988) for unbalanced double electrical interfaces in the field of data communications for use with integrated circuit equipment usually pass Electrical characteristics of the road CCITT Recommendation V. 11 (1988) in the field of data communications through an integrated circuit device is typically used in conjunction with balanced double circuit Electrical Characteristics CCITT Recommendation V. 14 (1988) synchronous bearer channel transmission start-stop characters CCITT Recommendation V. Standardization 21 (1988) Automatic telephone exchange medium used in the 300 bit/s duplex modem CCITT Recommendation V. 22 (1988) Automatic switching network and point-wire leased telephone standardized for use on telephone-type circuits 1200 bit/s duplex modem CCITT Recommendation V. 22bis (1988) mining lease for use on telephone-type circuits in general switched telephone network and point-wire Frequency division technique standardized by 2400 bit/s duplex modem CCITT Recommendation V. 23 (1988) is automatically switched network using standardized

600/1200 baud modem on the phone CCITT Recommendation V. Definitions for
interchange circuits 24 (1988) data terminal equipment and data circuit terminal equipment
GB/T 14397-2008/ISO/IEC 7480:1991