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

GB/T 11600-2009

Replacing GB/T 11600-1989

**Use on public data networks of data terminal equipment (DTE)
which is designed for interfacing to asynchronous duplex
V-series MODEMS**

与异步双工V系列调制解调器接口的数据终端设备（DTE）在公用数据网上的用法
(English Translation)

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Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Symbols and Abbreviations

Foreword

This standard is equivalent to using ITU-TX. 20bis. 1988 "asynchronous duplex V-series modem interface, data terminal equipment (DTE) on public data networks of usage "(in English).

This standard replaces GB/T 11600-1989 "asynchronous duplex V-series modem interface, data terminal equipment (DTE) in the public Internet data usage. " this standard compared with GB/T 11600-1989 main changes are as follows.

- The name of Chapter 1 "Scope" was changed to "scope";
- The first chapter of "GB 11589" changed to "GB/T 11589";
- The first chapter, "leased circuit service" to "leased circuit service (point to point or multi-point center)";
- Increased Chapter 2, "Normative references", the original order extended reg;
- The Normative references "GB 11589" changed to "GB/T 11589", the "GB/T 6107-1985" is amended as "GB/T 6107";
- Increased Chapter 3, "Terms and definitions" original reg order extended;
- Increase the Chapter 4, "Symbols and Abbreviations", the original order of the clauses be extended;
- In 6.4.4DCE clear indication/DTE clear confirmation, the "DCE issued a clear indication on the circuit 107 after 100ms Inside, DTE circuit 108/1 or 108/2 into the OFF state. "To" issue a DCE clear indication on the circuit of 107 Inner 500ms, DTE circuit 108/1 or 108/2 into the OFF state. ";
- Local test loop in 8.3.3.1 (type 3 loops), the words "under its rules allow the test case, the loop 3 from any Conditions are established. "To" in compliance with national standards relevant test conditions, the loop 3 may be established from any state. ";

--- Local test loop in 8.3.3.1 (type 3 loops), the "specific test loop within the DCE device on by their choice." Repair to "specific means test loop within the DCE on the relevant testing standards by domestic standardized according to the actual situation.";

--- In 8.3.4.1 Network test loops (type 2 loops), the words "under its test principle allows the case, DTE may be as follows Use Loop 2. "to" in compliance with national testing standards related conditions, DTE loop 2 can be used as follows. ";

--- In 8.3.4.1 Network test loops (type 2 loops), the "exact means test loop within the DCE is a national option Head. "To" exactly means test loop within the DCE by domestic testing standards according to the actual situation of a unified standard. ";

--- In 8.3.4.1 Network test loops (type 2 loops), the "loop control and automatic control methods provided by the present use State selection. "To" loop control and automatic control methods provided by domestic used according to the actual testing standards Standardized case. ";

--- In 8.3.5.2 Loop 4a, the "b) to the DTE circuit 106, 107 and 125 placed in the OFF state;" was changed to "b) to DTE circuits 106,107,109 and 125 off-state;." the standard proposed by the Ministry of Industry and Information Technology of the People's Republic of China.

The standard by the China Communications Standards Association.

This standard was drafted. the Ministry of Industry and Information Technology and Telecommunications Research Institute.

1 Scope

This standard specifies the original design of asynchronous duplex V-series modem interface, data terminal equipment (DTE) in access to the public Data network when requested.

This standard applies to DTE (original design and start-stop transmission duplex V-Series modem interface) and public data networks of DCE Interface between.

This standard is only limited operations in GB/T 11589 data signaling rate and character structure of the start-stop transmission requirements. Application include.

a) circuit switched services;

b) leased circuit service (point to point or multi-point center).

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent 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.

GB/T 3454 data terminal equipment (DTE) and data circuit terminating definition table interface circuit equipment (DCE) between (GB/T 3454-1982, idtITU-TV.24. 1980) GB/T 3455 Non-electrical characteristics for balanced double circuit (GB/T 3455-1982, idtITU-TV.28. 1980) GB/T 6107 using serial binary data interchange data terminal equipment and data circuit terminating equipment interfaces between (GB/T 6107-2000, idtEIA/T IA-232-E.1991) GB/T 11589 public data networks and integrated services digital network (ISDN) and international user access service class types (GB/T 11589-1999, eqvITU-TX.1.1996)

3 Terms and Definitions

The following terms and definitions apply to this standard.

Initiating or terminating communication device data.

It located in the data terminal equipment and the transmission medium between the completion of the signal conversion apparatus, such as a modem.

Complete digital to analog conversion from the binary information and equipment information from analog to digital conversion of the binary function.

4 Symbols and Abbreviations

The following abbreviations apply to this standard.