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

GB/T 6996.1-1986

996.9-1986; GB/T 6996.10-1986; GB/T 6996.11-1986; GB/T 6996.12-1986; GB/T 6996.13-1986; GB/T 6996.14-1986

**Test charts of transparencies for television
(English Translation)**

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Table of Contents

Preface
1 Scope
2 Normative references
3 Terms, definitions and symbols
4 Pattern classification and use
5 Requires
6 Optical density D and transmittance T table
Appendix A (normative) Comprehensive Test
Appendix B (normative) high frequency characteristics of the test chart
Annex C (normative) afterimage test chart
Annex D (normative) checkerboard test pattern
Appendix E (normative) region of the test chart
Annex F (normative) Grayscale test chart
Annex G (informative) Optical density D and transmittance T table

Foreword

This standard rule according to GB/T 1.1-2009 given draft.

This standard replaces GB/T 6996.1 ~ 6996.14-1986 "test chart of transparencies for television." this standard and GB/T 6996.1 ~ 6996.14-1986 compared to the main changes are as follows.

--- Removed in GB/T 6996.1 ~ 6996.14-1986 9 parts, the part of the other five into the "television transmission measurement Trying "to delete the following.

GB/T 6996.2-1986 television transmission Linear test chart A GB/T 6996.3-1986 television transmission Linear test chart B GB/T 6996.5-1986 high resolution test chart of transparencies for television GB/T 6996.7-1986 television transmission modulation test chart GB/T 6996.8-1986 television transmission overlap test chart A GB/T 6996.9-1986 television transmission overlap test chart B GB/T 6996.10-1986 television transmission uniformity test chart GB/T 6996.12-1986 transparencies for television - Grayscale test chart A GB/T 6996.14-1986 television transmission deflection distortion test chart

--- Added "afterimage of transparencies for television test pattern."

--- Various parts of the original black and white rectangular frame required for each test

pattern size and positioning of the triangle and finished as a general requirement in the present be required standards body, the specific requirements of each test is given in Figure F, respectively, in this standard appendix A ~ Appendix.

--- The GB/T 6996.14-1986 Appendix A of this standard as Appendix G.

The standard proposed by the Ministry of Industry and Information Technology of the People's Republic of China.

This standard by the national electric vacuum Standardization Technical Committee (TC167) under the jurisdiction of the device.

This standard was drafted. China Electronics Technology Group Corporation 55th Research Institute.

1 Scope

This standard specifies the test chart of transparencies for television purposes of classification and pattern specifications, size requirements and optical density.

This standard applies to the production and application of the test chart of transparencies for television.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated edition applies to this article Member. For undated references, the latest edition (including any amendments) applies to this document.

GB 3102.6 quantities and units of light and related electromagnetic radiation GB/T 4597 Tube vocabulary GB/T 7400.1 ~ 7400.12 Broadcasting and television terminology

3 Terms, definitions and symbols

GB 3102.6, GB/T 4597, GB/T 7400.1 ~ 7400.12 terms, definitions and symbols established applicable to this document.

4.1 Classification

This standard includes the following six kinds of test pattern.

- a) Comprehensive test chart (see Appendix A);
- b) high-frequency test chart (see Appendix B);
- c) afterimage test chart (see Appendix C);
- d) checkerboard test pattern (see Appendix D);

- e) regional test chart (see Appendix E);
- f) Grayscale test chart (see Appendix F).

4.2 Purpose

Suitable for PAL standard TV camera system.

5.1.1 Manufactures Size

Manufactures black and white borders size should be as follows.

- a) Large 240mm x 180mm;