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

GB/T 13170.1-1991

1991; GB/T 13170.11-1991; GB/T 13170.12-1991; GB/T 13170.13-1991; GB/T 13170.14-1991; GB/T 13170.15-1991

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

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Foreword

This standard is drafted according to the rules given in GB/T 1.1-2009.

This standard replaces GB/T 13170.1 ~ 13170.15-1991 "reflective TV test chart".

This standard and GB/T 13170.1 ~ 13170.15-1991 compared to the main changes are as follows.

--- delete the GB/T 13170.1 ~ 13170.15-1991 in the nine parts, the other six parts of the merger of the standard. delete Except for the following.

GB/T 13170.2-1991 Linear test chart Type A GB/T 13170.3-1991 Linear test chart Type B
Measurement of IF Characteristics GB/T 13170.5-1991 Amplitude response test chart
GB/T 13170.8-1991 GB/T 13170.9-1991 coincidence test chart type A GB/T
13170.10-1991 coincidence test chart type B Circle test chart GB/T 13170.11-1991
Radiation bar test chart GB/T 13170.12-1991 Gray - scale test chart

--- the original part of the test chart of the black and white rectangular border and positioning triangle and the size of the requirements of the product as a general requirement in the Standard text to be provided, the specific requirements of the test chart in the standard Appendix A to Appendix F were given.

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

This standard by the National Electrical Vacuum Device Standardization Technical Committee (SAC/TC167) centralized.

The drafting unit of this standard. China Electronics Technology Group Corporation Fifty-fifth Institute.

1 Scope

This standard specifies the classification and use of reflective TV test charts, pattern specifications, dimensional requirements and light reflection coefficient.

This standard applies to the production and application of reflective TV test charts.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article Pieces. For undated references, the latest edition (including all modifications) applies to this document.

GB 3102.6 Light and the amount and unit of electromagnetic radiation concerned GB/T 4597 tube vocabulary GB/T 7400.1 ~ 7400.12 Terminology of radio and television terminology

3 Terms, definitions and symbols

The terms, definitions and symbols established in GB 3102.6, GB/T 4597 and GB/T 7400.1 to 7400.12 apply to this document.

4.1 Classification

This standard includes the following six test charts.

- a) Comprehensive test chart (see Appendix A);
- b) High frequency characteristic test chart (see Appendix B);
- c) after the image test chart (see Appendix C);
- d) checkerboard test chart (see Appendix D);
- e) Regional test chart (see Appendix E);
- f) Grayscale test chart (see Appendix F).

4.2 Use

Applicable to PAL system TV camera system.

5.1.1 Finished product size

The size of the finished black and white boundary shall be.

- a) Large 520mm x 390mm;
- b) medium type 400mm x 300mm;