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CCS M74



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

GB/T 10239-2011

Replacing GB/T 14859-1993

**General specification for colour television broadcasting
receivers**

彩色电视广播接收机通用规范

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard is GB/T 10239-2003 "General specification for color television broadcasting receivers" and GB/T 14859-1993 "black and white TV Amendment broadcasting receivers technical conditions ". This standard and GB/T 10239-2003 "General specification for color television broadcasting receivers" and GB/T 14859-1993 "wide black and white TV Total broadcast receiver technology "compared to the main changes are as follows:

- Modify the scope of the (2003 version 1; 1 edition);
- Increased and remove Normative documents (2003 version 2; 2 edition);
- Removed in SECAM, NTSC standard provisions 3.1; accordingly comply GY T 129,

GB/T 14219 regulations /; (2003 Version 3.1;

3.1 edition) 4.2

--- The title was changed to "Performance requirements and methods of measurement of television";

--- Increased 4.2.1.1 "basic technical parameters and methods of measurement of radio channel";

--- Increased 4.2.1.2 "luminance channel, the basic technical parameters and methods of measurement of chrominance channels";

--- Increased 4.2.1.3.1 "basic technical parameters and measuring methods CRT TV display characteristics";

--- Increased 4.2.1.3.2 "LCD TV to display the basic technical parameters and methods of measurement characteristics";

--- Increased 4.2.1.3.3 "basic technical parameters and measuring methods PDP TV display characteristics";

--- Increased 4.2.1.3.4 "synchronization quality, power consumption and supply voltage variations affect the performance of the basic parameters and remote control and measurement side law";

--- Increased 4.2.1.3.5 "voice channel basic technical parameters and methods of measurement";

--- Remove the 2003 version 4.2.1 "Colour electricity, light, sensual performance of basic technical parameters required to SJ/T 11285 of";

1 Scope

GB/T 10239-2011 is the Chinese national standard on general specification for colour television broadcasting receivers, in the field of telecommunications and audio-video engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 31 October 2011 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 February 2012. Classification: ICS 33.160.99, CCS M74. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the receive analog TV signals and cathode ray tube (CRT), liquid crystal (LCD), plasma (PDP) display Television broadcast receiver member (including black and white TV and color TV, hereinafter referred to as TV) technical requirements, test methods, inspection regulations Then, signs, packaging, transportation, storage and so on. This standard applies to the screen size of not less than 37cm color TV, LCD TV, plasma TV, and not less than 31cm Black and white TV, is to develop product specifications and product quality inspection basis. 37cm color TV screen size in less black and white television broadcast receivers and 31cm below the development of product specifications and test production When the quality of goods, reference may be used.

Note. CRT picture tube screen size is the diagonal dimension containing funnels, other type of display size is the visible screen diagonal effective size.

2 Normative references

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

GB/T 191 Packaging - Pictorial signs

GB/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan

GB/T 2829 Periodic inspection Sampling procedures and tables (for inspection of process stability)

GB/T 3174 PAL-D standard TV broadcasting technology specification

GB/T 4877 television intermediate frequency

GB/T 5465.2 Graphical symbols for electrical equipment - Part 2. Graphical symbols

GB 8898 Audio, video and similar electronic apparatus - Safety requirements

GB/T 9031 home sound system equipment connected with the interconnection requirements

GB/T 9379 TV receiver Subjective tests and assessment

GB/T 9383 Sound and television broadcast receivers and associated equipment - Immunity characteristics Limits and methods of measurement

GB/T 9384 radio broadcast, radio and television receivers, tape recorders and audio amplifiers (amplifiers) to the test environment Sum Test Method

GB/T 12281 color television receivers and other devices connected with the interconnection requirements

GB/T 12857 television broadcast receiver measurements in non-standard broadcast signal conditions

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