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JJF

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

JJF 1261.7-2017

Replacing JJF 1261.7-2014

**Rules of Metrology Testing for Energy Efficiency of Flat Panel
Televisions**

(English Translation)

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Introduction

In order to standardize the energy efficiency measurement and detection of flat panel TVs implementing energy efficiency label management, according to JJF 1261.1-2017 "Energy Product Energy Efficiency Measurement and Detection Rules" requirements, the development of this specification.

This specification replaces JJF 1261.7-2014, compared with JJF 1261.7-2014, except for editorial changes, the main to change as follows.

--- The name of the specification was changed from "Regulations for measuring the efficiency of flat-panel televisions for energy efficiency labeling" to "Energy efficiency for flat-panel TVs" Measurement and measurement rules";

--- "5.1 energy efficiency labeling" adds "energy efficiency information code" and "energy efficiency 'leader' information", etc.

Claim;

--- "5.2 Energy Efficiency Indicators (Energy Consumption)" in Table 2 and Table 3, delete "September 1, 2014 "before" related requirements;

--- Modify the original record format and test report format accordingly (Appendix C, Appendix D).

The previous versions of this specification were issued as follows.

---JJF 1261.7-2013;

---JJF 1261.7-2014.

Flat TV TV Energy Efficiency Metering Detection Rules

1 Scope

This specification stipulates normal operation under grid voltage, with terrestrial, cable, satellite or other analog and digital signals.

No. 1 receiving, demodulating, and displaying the main functions of LCD TVs and plasma TVs (hereinafter referred to as "flat-panel TVs"), Including energy-efficiency markers for display devices that do not have a tuner, but whose main function is TV, but circulates as a television product Quantity requirements, metrology and testing procedures, metrological testing methods, criteria for the assessment of measurement results, and test reports.

This specification is applicable to the measurement and supervision of the energy efficiency measurement of flat-panel TVs. The entrusted inspection can be conducted with reference to this specification. produce and units that sell flat-panel TV products can also be tested against this specification.

The flat-panel TVs that are tested shall be products that have passed self-inspection by the producers, or imported and sold by sellers.

commodity.

2 references

This specification refers to the following documents.

JJF 1261.1-2017 Energy Product Energy Efficiency Measurement Inspection Rules GB/T 2829-2002 Periodic Inspection Count Sampling Procedures and Tables (Applicable to Inspection of Process Stability) GB 3174 PAL-D Television Broadcasting Technical Specifications GB/T 14857 Specification for Studio Digital Television Coding Parameters GB/T 17700 Satellite Digital Television Broadcast Channel Coding and Modulation Standards GB/T 17975.1 Generic coding of moving images and associated audio information for information technology - Part 1. System GB/T 17975.2 Generic coding of moving images and associated audio signals for information technology - Part 2. Video GB/T 17975.3 Generic coding of moving images and associated sound signals for information technology - Part 3. Audio Frame Structure, Channel Coding and Modulation of GB 20600 Digital Television Terrestrial Broadcast Transmission System GB 20943 single output AC-DC and AC-AC external power supply energy efficiency limit value and energy conservation evaluation value GB 24850-2013 Flat Panel TV Energy Efficiency Limits and Energy Efficiency Ratings GY/T 155 HD video program production and exchange video parameter values GY/T 170 Cable Digital TV Broadcast Channel Coding and Modulation

Specifications SJ/T 11324 Digital TV Receiver Terminology SJ/T 11348 Flat TV Display Performance Measurement Method IEC 62087:2011 Methods for measuring the power consumption of audio, video and related equipment (Methods of Measurement for the Power Consumption of Audio, Video and Related Equipment) for dated references, only dated editions apply to this specification; all undated references the latest version (including all amendments) applies to this specification.

3 Terms and units of measure the following terms and units of measurement apply to this specification.