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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 22181.6-2015

Replacing GB/T 14279-1993

Plasma display panels -- Part 6: Blank detail specification for plasma display panels used for digital TV sets

等离子体显示器件 第6部分：数字电视机用等离子体显示器件空白详细规范

(English Translation)

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Preview: page 1 of 4 shown, 10 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-22181-6-2015

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Table of Contents

Foreword

1 Scope

2 Normative reference documents

3 Blank detail specification page description

Foreword

The expected structure of the GB/T 22181 "Plasma Display Device" is as follows.

- Part 1. Terminology and textual symbols (GB/T 22181.1-2008);

Part 2-1. Methods for measuring optical parameters (GB/T 22181.21-2008);

Part 2-2. Methods for measuring electro - optic parameters (GB/T 22181.22-2008);

Part 2-3. Module display quality measurement method (GB/T 22181.23-2012);

Part 2-4. Methods for measuring device characteristics for digital televisions (GB/T 22181.24-2016);

- Part 3-1. Mechanical interface;

- Part 3-2. Electronic interfaces;

- Part 4. Climate and mechanical test methods;

- Part 5. General specification (GB/T 22181.5-2015);

This part is part 6 of GB/T 22181.

This part of the replacement GB/T 14279-1993 "AC plasma display device blank detailed specification (for certification)".

This part compared with GB/T 14279-1993, in addition to editorial changes, the main technical changes are as follows.

--- GB/T 14279-1993 in the inspection items were added or deleted, such as the original standard to remove the ignition voltage, dispersion, Adjacent electrode between the leakage current and the electrode capacitance and other items, an increase of the average display brightness, peak brightness, darkroom contrast, bright room pairs Ratio, average power consumption, whiteness uniformity, high gray color gamut coverage, low gray color gamut coverage, image stripe, flicker, motion Image image resolution, image residual, noise, brightness angle, contrast angle, color view and other items;

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- Tests for the same test items (eg defect, brightness, uniformity, etc.) in this part and GB/T 14279-1993 Legal and inspection requirements have been modified;

--- increase the structure of similar procedures, identification procedures and sampling requirements approved.

1 Scope

This part of GB/T 22181 is a blank detail specification for plasma display devices (hereinafter referred to as devices) for digital televisions. It stipulates the device's electrical, optical, image display, mechanical and environmental performance description and testing of the detailed requirements.

This section applies to plasma display devices for digital televisions.

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.

Plasma display devices - Part 5. Generic specification GB/T 22181.5-2015 Plasma display devices - Part 2-1. Methods for measuring optical parameters (IEC 61988-2-1.:2002, GB/T 22181.21-2008) IDT) Plasma display devices - Part 2-2. Methods for measuring electro - optic parameters (IEC 61988-2-2.:2003, GB/T 22181.22-2008) IDT) GB/T 22181.23-2012 Plasma display devices - Part 2-3. Module display quality measurement method GB/T 22181.24-2016 Plasma display devices - Part 2-4. Measurement methods for device characteristics for digital televisions SJ/T 11379-2008 Plasma display devices - Part 4. Climate and mechanical test methods

3 Blank detail specification page description

Blank detail specification The numbers in square brackets should be consistent with the instructions given below.

a) detailed specification identification [1] The name of the national standardization body authorized to issue detailed specifications.

[2] Detailed specification of the IEC Q number.

[3] The country code and publication number of the general specification.

[4] Detailed specification of the country number, date of publication and any information required by the national standard system.

b) identification of plasma display devices [5] Device type.

Preview: page 3 of 4 shown, 10 in the full document. Complete English PDF, instant download:
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[6] Typical structure and application information. If there are several applications of a device, it should be described in the detailed specification. These applications are special Sex, limit values and inspection requirements should be met. If the device is an electrostatic sensitive or hazardous material, it should be in a detailed specification to be noted.

[7] Outline drawings and/or references related to the form factor.

[8] Category of quality assessment.

[9] Reference data that can compare the most important characteristics between device models.

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