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

GB/T 26275.2-2010

**DTV-CSI interface specification for channel separation of digital
television receiver Part 2: Test specification**

数字电视接收设备机道分离DTV-CSI接口规范 第2部分：测试规范

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11.1 Introduction

11.2 Test Item

13 Conformance testing machine to meet a list of 11 separate channels of CS host

Foreword

GB/T 26275 "for digital television receivers DTV-CSI channel separation machine interface specification" consists of two parts.

--- Part 1. technical specifications;

--- Part 2. Test Specification. This section GB/T 26275 Part 2. This part is proposed by the Ministry of Industry and Information Technology of the People's Republic of China. This part of the National Audio, video and multimedia systems and equipment Standardization Technical Committee centralized. This section is drafted. Shanghai SVA (Group) Co., Ltd. Central Research Institute of Standardization, the Ministry of Industry and Information Technology, Shenzhen State Micro Technology Co., Ltd. The main drafters of this section. kingdom, Jiang Zhaolin, Hou Gang, Yang Guo Long, Zhongdeng Xiang, Zhang Jiping, Dragon Palace Jun, Liu intervention.

Meet the needs of China's digital television development, in particular in order to solve the problem of the difference channel reception system, the channel reception mode and other functions Block separated from the digital television receiving equipment out, in favor of digital television receivers industrial equipment to meet the needs of the market and technical exchanges, Especially the development of this part of GB/T 26275 of. This portion of the SJ/T 11337-2006 "digital television receiving equipment Conditional Access Interface Specification Part 1-2. DTV-CI test specification "complementary use. Digital television receiving equipment machine channel separation DTV-CSI Interface specification - Part 2. Test Specification

1 Scope

GB/T 26275.2-2010 is the Chinese national standard on dtv-csi interface specification for channel separation of digital television receiver part 2: test specification, 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 14 January 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 June 2011. Classification: ICS

33.160.25, 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 section GB/T 26275 specifies the digital television receiving equipment machine channel separation DTV-CSI interface test conditions, and test items Test Methods. This section applies to machine and channel separation card from a combination of "single separation" mode or "double separation" of a digital television receiver.

2 Normative references

The following documents contain provisions which, through reference

GB/T 26275 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 7676.1-1998 Direct acting indicating analogue electrical measuring instruments and their accessories - Part 1. Definitions and general requirements (Idt IEC 60051-1. 1984)

GB/T 7676.2-1998 Direct acting indicating analogue electrical measuring instruments and their accessories Part 2. Special ammeter and voltmeter Specific requirements (idt IEC 60051-2. 1984)

GB/T 26275.1-2010 Digital TV receiving equipment machine channel separation DTV-CSI interface specification - Part 1. technical specifications SJ/T 11336-2006 conditions for receiving digital television receiving equipment interface specification - Part 1-1. DTV-CI Technical Specification SJ/T 11337-2006 conditions for receiving digital television receiving equipment interface specification - Part 1-2. DTV-CI test specification

3 Terms and Definitions

SJ/T 11336-2006 and established the following terms and definitions apply to this section.

3.1 Tunnels separation channelseparation Unity based hardware interface and software protocol, the digital television receiving apparatus channel reception function module separated from the host, So that the same digital television receiving equipment through different channels transmission standard machine channel separation module, adapt to a variety of different channels of transmission standards Flexible reception.

3.2 Machine Interface channelseparationinterface channel separation Based on compliance with the technical requirements of DTV-CI interface channel separation machine interface.

3.3 Single Discrete singleseparation Channel receiving function and conditional access functions are implemented in the same module machine channel separation method.

3.4 Double separation dualseparation Channel receiver capabilities and functions are conditional and conditional receiving module receiver module channel separation method implemented in the channel.

4 Abbreviations

APDU application protocol data unit (ApplicationProtocolDataUnit)