

ICS 33.060.30

CCS M75



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

GB/T 11442-2017

Replacing GB/T 11442-1995

**General specification for C-band satellite television
receive-only station**

C频段卫星电视接收站通用规范

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Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 11442-1995 "C-band satellite TV receiving station general specification".

This standard compared with GB/T 11442-1995, in addition to editorial changes in the main technical changes are as follows: The system section has increased the contents of satellite digital television (SD and HD) and satellite data receiving stations (see

4.1.2 and 4.1.3); - Antenna requests for different materials and increases the functional and structural requirements of the user (see

4.2.2 and 4.2.3); - outdoor units to increase the integration of outdoor unit requirements (see

4.3.4 and 4.3.6); - Indoor units increase satellite digital TV (SD and HD) and satellite data reception (see

4.4.2 and 4.4.3). This standard is proposed by the Ministry of Industry and Information Technology of the People's Republic of China. This standard is under the jurisdiction of China Electronic Technology Standardization Research Institute. The drafting of this standard. China Electronics Technology Group Corporation Fifty-fourth Institute, Nanjing Panda Electronics Co., Ltd., Fujian Shenzhou Electronics Co., Ltd., Jiangsu Galaxy Electronics Co., Ltd., Shaanxi Ruyi Electric Corporation, Hunan Aerospace Satellite Communication Technology Co., Ltd., Sichuan video electronics limited liability company, Qingdao Hisense Electric Co., Ltd., Guizhou Zhenhua Tiantong Equipment Co., Ltd., Anhui four electronic Co., Ltd. and so on. The drafters of this standard. Tian Zhang, Li Shengli, Li Peihong, Wang Xinglin, Zhou Chun, Liu Jingquan, Gu Hongchun, Bai Xiaojun, Ma Jianzhong, Liu Changyong, She Zhiyong, Zheng Xiaoming, Hu Bin, Heng Yongtian.

The issuer of this document draws attention to the use of the relevant patent when the declaration conforms to this document and may relate to 4.4.2.7a). The issuer of this document has no position on the authenticity, validity and scope of the patent. The holder of

the document has assured the issuing authority of this document that he is willing to cooperate with any applicant under reasonable and non-discriminatory terms and conditions, Negotiate on patent licensing. The statement of the patent holder has been filed with the issuing authority of this document. Related information can be passed below Contact. Name of Patent Holder. Fifty - fourth Institute of China Electronics Technology Group Corporation Post code. 050081 Address. 589 Zhongshan West Road, Shijiazhuang City, Hebei Province Tel. 0311-86924531 General specification for satellite TV receiving stations in C - band

1 Scope

GB/T 11442-2017 is the Chinese national standard on general specification for c-band satellite television receive-only station, 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 May 2017 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 December 2017. Classification: ICS 33.060.30, CCS M75. 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 C-band satellite TV/data receiving station and its equipment requirements, test methods, inspection rules, signs, packaging, transport Lose and store. This standard applies to C-band satellite simulation, digital TV and data receiving stations and antenna, outdoor units, indoor units and other products Production and inspection.

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/T 191-2008 packaging and storage icon

GB/T 2312-1980 Basic set of Chinese character encoding character sets for information exchange

GB/T 2828.1-2012 Count Sampling Inspection Procedures Part 1. Batch Inspection Sampling by Reception Quality Limit (AQL) plan

GB/T 2829-2002 Periodic inspection count Sampling procedures and tables (for inspection of process stability) Safety requirements for audio, video and similar electronic equipment

GB 8898-2011 Measurement method for satellite television earth receiving station

GB/T 11298.1 ~ 11298.4-1997 Test method for reliability of general purpose television equipment

GB/T 12322-1990 Reliability requirements and test methods for belt conveyor belt conveyors GB/T 12840-1996

GB/T 13837-2012 Radio and television broadcasting receivers and related equipment Radio disturbance characteristics Limits and methods of measurement Standard Specification for Satellite TV Uplink Station GB/T 16953-1997

GB/T 17191.3-1997 Information technology - Digital storage media with

1.5 Mbit/s data transfer rate Moving images and their companions Sound coding Part 3. Audio Satellite digital broadcasting channel coding and modulation standard GB/T 17700-1999

GB/T 17975.2-2000 Information technology - Generic coding of moving images and their accompanying information - Part 2. Video

GB/T 17975.3-2002 Information technology - Generic coding of moving images and their accompanying information - Part 3. Part II of audio Layer coding Measurement Methods for Satellite Digital TV Receiving Stations - Indoor Unit Measurement SJ/T 11327-2006 Digital TV Receiving Device Interface Specification Part 1. RF Signal Interface Specification for CELTS - 32.1 - WD

2.0 China Education Satellite Broadband Transmission Network ITU-T Recommendation

J.17 Pre-emphasis for the sound program transmission circuit

(Pre-emphasis used on sound-programme circuits Classification and composition