

**TEST REPORT****California Energy Commission's Appliance Efficiency Regulations**

Report Reference No. : LCSA100822114S

Prepared by..... : Jade Xiao
Project Handler*Jade Xiao*Checked by..... : Terry zhu
Reviewer*Terry Zhu*Approved by..... : Hart Qiu
Technical Director*Hart Qiu*

Date of issue..... : 2022-10-19

Contents..... : 13 pages

Testing Laboratory : Shenzhen LCS Compliance Testing Laboratory Ltd.

Address..... : Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

Applicant's name : GuangZhou FirstSound Electronics Co.,Ltd

Address..... : A5 building,19# Jiangshi Road,Jianggao Town,Baiyun district,GuangZhou City,GuangDong P R,China.

Manufacturer's name : GuangZhou FirstSound Electronics Co.,Ltd

Address..... : A5 building,19# Jiangshi Road,Jianggao Town,Baiyun district,GuangZhou City,GuangDong P R,China.

Test specification:

Standard : CALIFORNIA CODE OF REGULATIONS, TITLE 20: DIVISION 2, CHAPTER 4, ARTICLE 4, SECTIONS 1601 - 1609: APPLIANCE EFFICIENCY REGULATIONS(CEC-140-2021-002)

Test procedure..... : IEC 62087: 2002(E) Methods of measurement for the power consumption of audio, video and related equipment

Non-standard test method..... : N/A

Test Report Form No..... : CEC Test Report_A1

Test Report Form(s) Originator : Shenzhen LCS Compliance Testing Laboratory Ltd.

Master TRF..... : July 29, 2017

Test item description : AMPLIFIER

Trade Mark : PYLE

TRF No. CEC



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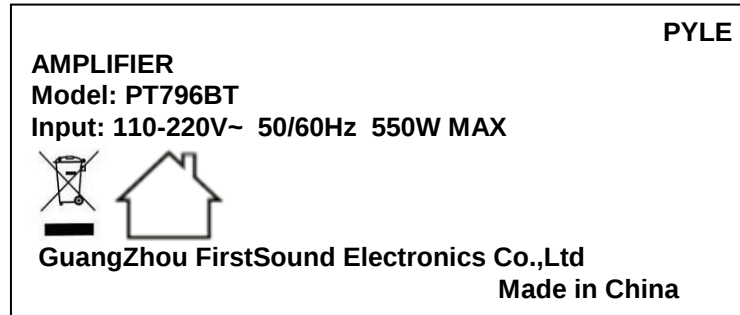


Model/Type reference.....: PT796BT, PT696BT.5, PT696BT.7, PT888BTWM, PT888BTW.5, PT796BT.5

Ratings.....: Input: 110-220V~ 50/60Hz 550W MAX

Copy of marking plate:

The artwork below may be only a draft.

**Marking requirements:**

Section	Requirement	Remark
1607(b)(1)	Manufacturer's name or brand name or trademark	Provided.
1607(b)(2)	Mode number	Provided.
1607(b)(3)	Date of manufacture	Provided in serial numbers

Note:

All models are similar except their model names, all tests were conducted on model: PT796BT.

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Test item particulars	
Appliance Type.....	☒ Compact Audio Products ☐ Digital Versatile Disc Players and Digital Versatile Disc Recorders
Audio standby-passive mode.....	No
Video standby-passive mode.....	No
Input signal	☒ 1 KHz sine-wave signal ☐ other:
Possible test case verdicts: - test case does not apply to the test object : N/A - test object does meet the requirement..... : P (Pass) - test object does not meet the requirement..... : F (Fail)	
Testing	
Date of receipt of test item	2022-10-08
Date (s) of performance of tests	From 2022-10-08 to 2022-10-18
General remarks: The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory. "(see Enclosure #)" refers to additional information appended to the report. "(see appended table)" refers to a table appended to the report. The applicant and manufacturer information, product name, model, trademark and other information in this report are all provided by the applicant, and this laboratory is not responsible for verifying its authenticity. Throughout this report a ☐ comma ☒ point is used as the decimal separator. List of Attachments (including a total number of pages in each attachment): Attachment No. 1: Photo documentation. Attachment No. 2: Equipment list.	
General product information:--	

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IEC 62087			
Clause	Requirement + Test	Result - Remark	Verdict
5	General method of measurement		P
5.1	General measuring conditions		P
5.1.1	Power supply		P
	Measurements shall be carried out at the rated voltage and the rated frequency of the power supply.		P
	The fluctuation of the power supply voltage during the tests shall not exceed $\pm 2\%$. The frequency fluctuation and the harmonic components of the power supply shall not exceed $\pm 2\%$ and 5% respectively.		P
5.1.2	Environmental conditions		P
	Ambient temperature 15°C to 35°C , preferably 20°C		P
5.1.3	Adjustment of controls		P
	The controls not specifically mentioned in this standard shall be in the position adjusted by the manufacturer for shipment to the end user.		P
5.1.4	Input signals		P
	For equipment for which the input signals are not explicitly described in this standard, the nominal signals as specified by the manufacturer shall be applied during the test.		P
5.1.5	Power measurement instrument		P
5.2	General measurement procedure		P
	Measure the power consumption of the appliance 15 min after it has been switched into the relevant operating mode.	20min	P
	If the power consumption in a certain operating mode has more than one stable level, the measuring time shall be of an appropriate duration to measure the correct average value		N/A
	Some appliances switch, after a time delay, from a standby mode to a mode with a lower (or zero) power consumption. The power consumption before and after the switching shall be determined.		N/A
	For equipment with less functionality than described, for example playback tape equipment		N/A
	The results shall be given in watts (W), with a number of relevant digits in accordance with the accuracy of the measurement.		P

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Clause	Requirement + Test	Result - Remark	Verdict

6	Measuring Condition for Television Sets, excluding On (average) mode		N/A
7	Measuring conditions for video recording equipment		N/A
7.1	Input signal		N/A
7.2	RF input signal		N/A
7.3	Baseband input signal level		N/A
7.4	On mode		N/A
7.5	Standby mode		N/A
7.6	Off mode		N/A

8	Measuring conditions for set top boxes		N/A
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9	Audio equipment		P
9.1	General		P
9.2	Measuring conditions		P
9.2.1	Input signal		N/A
9.2.2	RF input signal		N/A
9.2.3	Auxiliary input signal		N/A
9.2.4	Reproduction of tape or disc		N/A
9.2.5	Audio test signals		P
	Sine-wave signals at a frequency of 1 kHz shall be used, or, if 1 kHz cannot be used, signals at the centre frequency of the transfer range, as specified by the manufacturer	1kHz	P
9.2.6	Loading of terminals		P
	All loudspeaker terminals should be terminated with the minimum impedance as specified by the manufacturer.		P
9.2.7	Output level		P
	The volume control shall be adjusted to obtain 50 mW at the loudspeaker terminals. In the case of equipment with surround sound facility, only the front speaker terminals shall be loaded.		P
9.2.8	On modes to be considered		N/A
9.2.9	Standby model	(see appended table)	P
9.2.10	Off mode		N/A

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10	Multifunction equipment		N/A
10.1	General		N/A
	Various operating modes for multifunction equipment can be distinguished, of which only the most relevant ones have to be measured.		N/A
10.2	Measuring conditions for TV-VCR combination		N/A
10.3	TV-STB combinations		N/A

11	Measuring conditions for television sets in On (average) mode		N/A
11.1	Video signals		N/A
11.2	Input terminals		N/A
11.2.1	Input terminals selection		N/A
11.2.2	Analogue terrestrial input terminal		N/A
11.2.3	Cable television input terminal		N/A
11.2.4	Digital terrestrial input terminal		N/A
11.2.5	Satellite input terminal		N/A
11.2.6	Other input terminals		N/A
11.3	Audio test signal (s)		N/A
11.4	General measurement procedure for On (average) mode		N/A
11.5	On (average) mode testing using static video signals		N/A
11.6	On (average) mode testing using dynamic broadcast-content video signal		N/A
11.7	On (average) mode testing using Internet-content video signal		N/A

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Clause	Requirement + Test	Result - Remark	Verdict

Test circuit

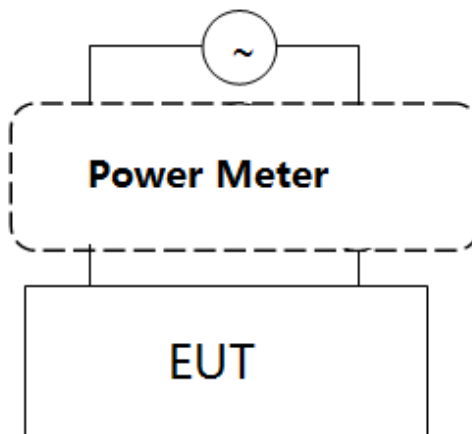


Table	Test results		P
	Ambient temperature (°C)	23.3	—
	Test voltage (V)	115	—
	Frequency (Hz)	60	—
	Total Harmonic Distortion (VTHD).....	0.52%	—
	Input signal.....	1 KHz sine-wave signal	—
	Test Period (mins)	20 mins	—

Test Item	Measured Value	Requirement
☒ Compact Audio Products		
Audio standby-passive mode:	1.202W	☒ ≤ 2 W for those without a permanently illuminated clock display ☐ ≤ 4 W or those with a permanently illuminated clock display
☐ Digital Versatile Disc Players and Digital Versatile Disc Recorders		
Video standby-passive mode	--	☐ ≤ 3 W

Supplementary information:

The power usage of consumer audio and video equipment manufactured on or after the effective dates shown shall be not greater than the applicable values shown in Table V-1. For equipment that consists of more than one individually powered product, each with a separate main plug, the individually powered products shall each have a power usage not greater than the applicable values shown in Table V-1.

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IEC 62087			
Clause	Requirement + Test	Result - Remark	Verdict

Table V-1
Standards for Consumer Audio and Video Equipment

Appliance Type	Effective Data	Maximum Power Usage (Watts)
Compact Audio Products	January 1, 2007	2 W in Audio standby-passive mode for those without a permanently illuminated clock display 4 W in Audio standby-passive mode for those with a permanently illuminated clock display
Digital Versatile Disc Players and Digital Versatile Disc Recorders	January 1, 2006	3 W in Video standby-passive mode

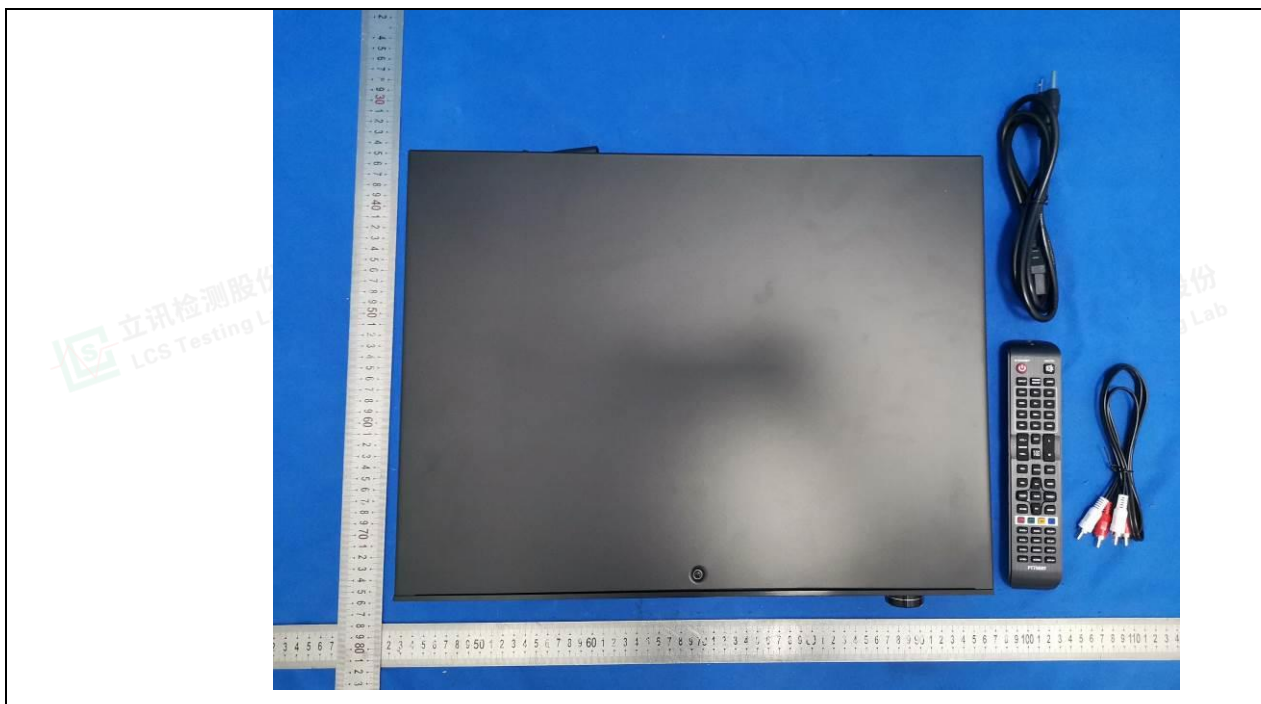
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Details of: External view



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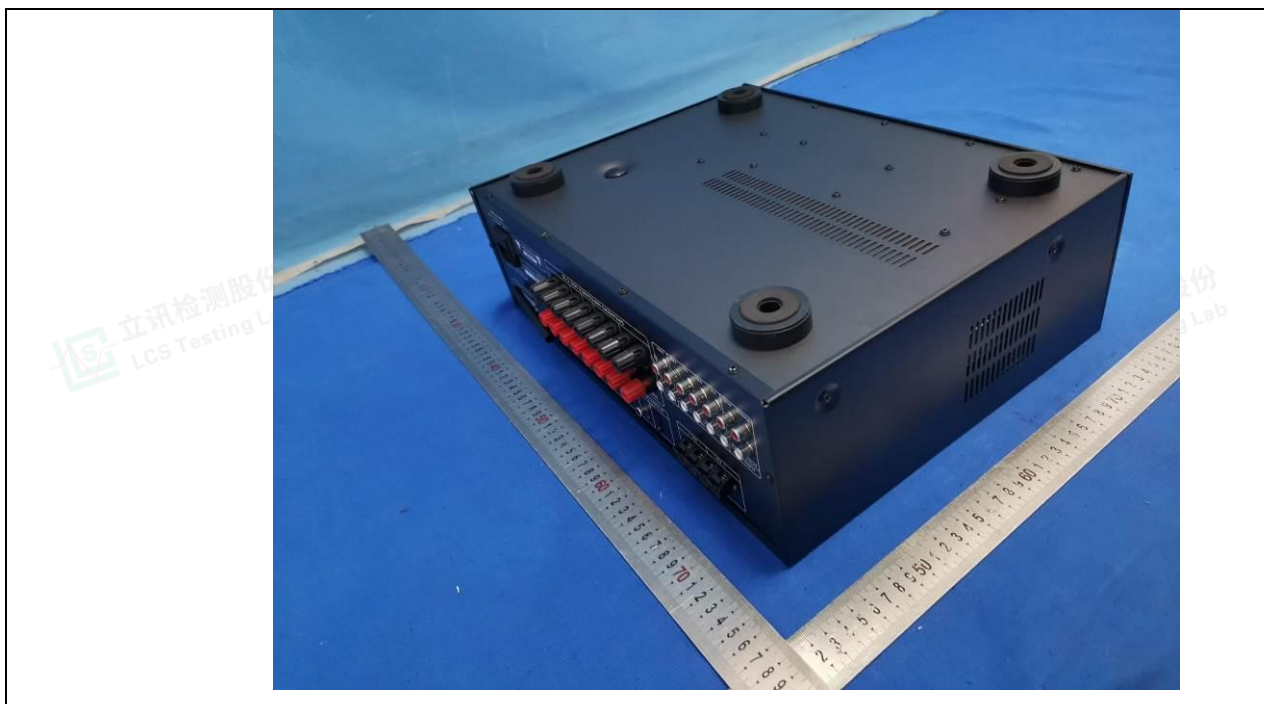
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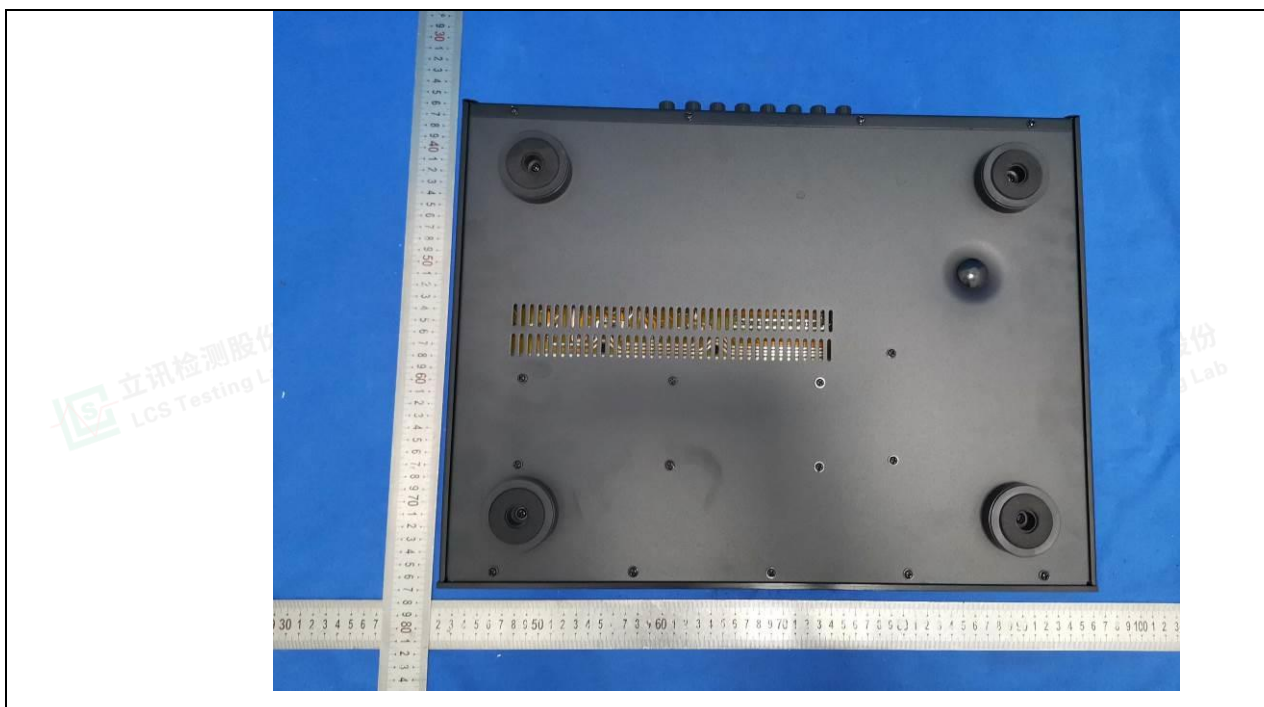
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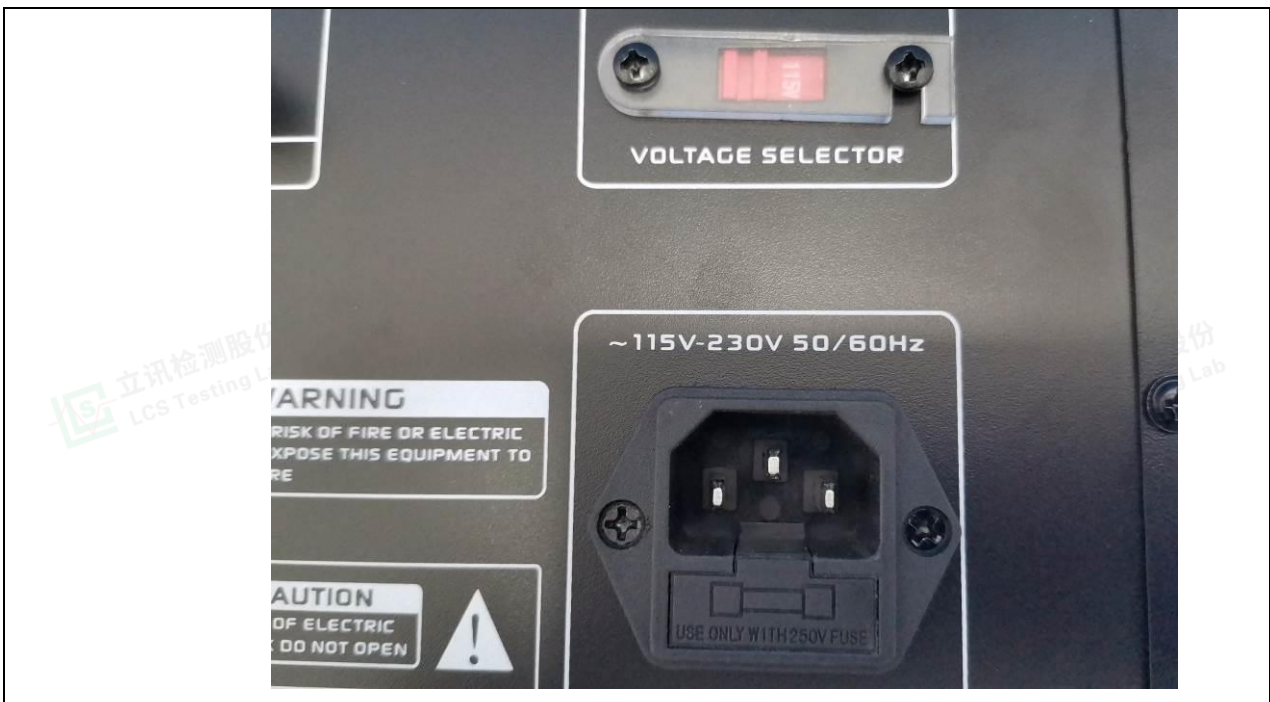
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Instrument Code	Instrument Type	Manufacturer	Model	Range Used	Calibration Date
					Calibration Due Date
LCS-S-117	Digital Power Meter	YOKOGAWA	WT310	0-600Vac, 0-20A, 0-5000W	2022/9/22 2023/9/21
LCS-S-057	Digital multimeter	FLUKE	15B+	0-1000Vdc, 0-10A, 0-20MΩ, 700Vac	2022/9/22 2023/9/21
LCS-S-068	Stop watch	TIANFU	PC396	0.01s-24h	2022/9/28 2023/9/27
LCS-S-122	Anemograph	SMART SENSOR	AR866A	0.0~30.0m/s, 0.0~45.0°C, 0~999900m ³ /min	2022/9/26 2023/9/25
LCS-S-038	Audio signal generator	LONGWEI	TAG-101	Sine wave:5V rms;10Hz-1Mhz square wave:10vp.p	2022/9/28 2023/9/27
LCS-S-015	Temperature & Humidity recorder	SHANGHAI	ZJ1-2B	45-35°C, 30-100%RH	2022/9/22 2023/9/21

--- END OF TEST REPORT ---



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