

# TPV Electronics (Fujian) Co., Ltd. **TEST REPORT**

**SCOPE OF WORK**

South African Energy Efficiency Testing - LCD Monitor - \*\*27G3\*\*\*\*\*

**REPORT NUMBER**

210500262SHA-001

**ISSUE DATE**

May 08, 2021

**PAGES**

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## AUDIO & VIDEO EQUIPMENT TEST REPORT

**Applicant:** TPV Electronics (Fujian) Co., Ltd.  
Rongqiao Economic and Technological Development Zone, Fuqing City, Fujian Province  
P.R. China

**Manufacturer:** TPV Electronics (Fujian) Co., Ltd.  
Rongqiao Economic and Technological Development Zone, Fuqing City, Fujian Province  
P.R. China

**Factory:** See page 2 details

**Product Name:** LCD Monitor

**Brand Name:** AOC

**Model:** \*\*27G3\*\*\*\*\*

**Model Similarity:** \* can be 0-9, A-Z, a-z, -, \, /, + or blank for marketing purpose only, no technical difference

**Rating:** I/P: 100-240Vac, 1.5A, 50/60Hz

**Test Standard/  
Regulations:** SANS 941:2014 Edition 1.1: Energy efficiency of electrical and electronic apparatus  
SANS 62087-1:2017 Edition 1 / IEC 62087-1:2015 Edition 1: Audio, video, and related equipment –  
Determination of power consumption Part 1: General  
SANS 62087-3:2017 Edition 1 / IEC 62087-3:2015 Edition 1: Audio, video, and related equipment –  
Determination of power consumption Part 3: Television sets

**Sample Received:** May 7, 2021

**Test performed:** May 8, 2021

**Testing location:** Intertek Testing Services Ltd., Shanghai.  
Building No.86, 1198 Qinzhou Road (North), 200233 Shanghai, China

**Conclusion:** From the results of the testing on the submitted sample(s), we are of the opinion that the submitted sample(s) COMPLY WITH South African Energy Efficiency Regulations for audio and video equipment.

**Note:**

1. This report shall not be reproduced, except in full, without written approval of the laboratory. This test results relate only to the items tested.
2. The results contained in the report are for technical evaluation only and are applicable only to the specific test specimen referenced within the report. Determination of the test conclusion is based on IEC Guide 115 in consideration of measurement uncertainty.

Prepared by:

*Eddie Liu*

Eddie Liu  
Engineer

Approved by:

*Carl Dong*

Carl Dong  
Reviewer

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TPV Electronics (Fujian) Co., Ltd.  
Report No.:210500262SHA-001  
Issue Date: May 08, 2021  
Revised Date: None

## AUDIO & VIDEO EQUIPMENT TEST REPORT

### FACTORY LIST

- 1.TPV Display Technology (Wuhan) Co., Ltd.  
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P.R. China
- 2.TPV Electronics (Fujian) Co., Ltd.  
Shangzheng, Yuan Hong Road, Fuqing City, Fujian Province  
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- 3.Pro Concept Manufacturer Co., Ltd.  
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Thailand.
- 4.L&T Display Technology (Fujian) Ltd.  
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- 5.TPV Electronics (Fujian) Co., Ltd.  
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- 6.Trend Smart CE Mexico S de RL de CV  
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- 7.TPV Display Technology (Beihai) Co., Ltd.  
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- 8.TPV Technology (Qingdao) Co., Ltd.  
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- 9.TPV Display Technology (China) Co., Ltd.  
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- 10.TPV Technology (Thailand) Co., Ltd.  
No.267 Mu7, Tha Tum Sub- District, Si Maha Pho District, Prachin Buri Province, Thailand
- 11.TPV Electronics (Fujian) Co., Ltd.  
Optoelectronic Park, Rongqiao Economic and Technological Development Zone, Fuqing City, Fujian Province  
350301  
P.R. China
- 12.Envision Indústria de Produtos Eletrônicos Ltda.  
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Brazil
- 13.GeneTouch Corp.  
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## AUDIO & VIDEO EQUIPMENT TEST REPORT

### TEST EQUIPMENT

Equipment Name	Type	Number	Calibration Date	Due Date
Digital Power Meter	WT 210	EC3630	October 10, 2020	October 9, 2021
AC Power Source	6430	EC3428	July 10, 2020	July 9, 2021

### TEST PROCESS:

The tests are carried out in a room that has an air speed close to test sample of < 0.5m/s, and the ambient temperature was maintained at 23.6°C and the ambient humidity was 56%. The test voltage was 230V at 50Hz.

The test sample was operated at least 1 hour immediately prior to conducting On mode power measurements. After On mode power measurement, then following the standby mode power measurement. If the power level does not drift by more than 5% from the maximum value observed, the UUT can be considered stable and then the measurements were recorded at the end of the 5 minutes period.

### TEST RESULTS

Test Item	Test Result	Verdict
Standby mode power consumption:	0.23W	Pass (Required: ≤1.0W)
Note: This test result is base on CQ27G3S. DisplayPort interface is used in the test.		



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### LABEL

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