



Ref. Certif. No.

JPTUV-050226-M1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST  
CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE  
CERTIFICATS D ESSAIS DES EQUIPEMENTS  
ELECTRIQUES (IECEE) METHODE OC

## CB TEST CERTIFICATE

## CERTIFICAT D'ESSAI OC

Product  
Produit

SMART All-in-One

Name and address of the applicant  
Nom et adresse du demandeur

TPV Electronics (Fujian) Co., Ltd.  
Shangzheng, Yuan Hong Road  
Fuqing City, Fujian Province, P.R. China

Name and address of the manufacturer  
Nom et adresse du fabricant

TPV Electronics (Fujian) Co., Ltd.  
Shangzheng, Yuan Hong Road  
Fuqing City, Fujian Province, P.R. China

Name and address of the factory  
Nom et adresse de l'usine

See additional page(s)

Ratings and principal characteristics  
Valeurs nominales et caractéristiques principales

DC 19V; 3.42A; Class III

Trademark (if any)  
Marque de fabrique (si elle existe)

AOC

Type of Manufacturer's Testing Laboratories used  
Type de programme du laboratoire d'essais constructeur

N/A

Model / Type Ref.  
Ref. de type

215LM000\*\*, \*2258\*\*\*\*, \*2272\*\*\*\*; 236LM000\*\*, A2472  
(\* = A-Z, a-z, 0-9, +, -, /, \ or blank)

Additional information (if necessary may also be reported on page 2)  
Les informations complémentaires (si nécessaire, peuvent être indiqués sur la 2<sup>ème</sup> page)

For model differences, refer to the test report.  
Re-issue of JPTUV-050226 dated 18.03.2013,  
due to first modification.

A sample of the product was tested and found to be in conformity with  
Un échantillon de ce produit a été essayé et a été considéré conforme à la

IEC 60950-1:2005+A1  
National differences see test report

As shown in the Test Report Ref. No. which forms part of this Certificate  
Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat

17027140 002

This CB Test Certificate is issued by the National Certification Body  
Ce Certificat d'essai OC est établi par l'Organisme National de Certification



**TÜVRheinland**®

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Date: 01.08.2013

Signature:

Ing. M. Eichenseder

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**Additional information (if necessary)**  
**Information complémentaire (si nécessaire)**

Report Ref. No.: 17027140 002

Date: 01.08.2013

Signature:

  
Ing. M. Eichenseder

10. Envision Industry of Electronic Products Ltd.  
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12. TPV Display Technology (China) Co., Ltd.  
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P.R. China

**Additional information (if necessary)**  
**Information complémentaire (si nécessaire)**

Report Ref. No.: 17027140 002

Date:

01.08.2013

Signature:

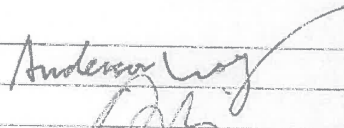
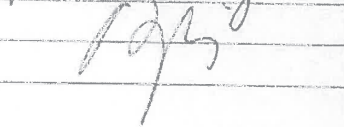
  
Ing. M. Eichenseder



Test Report issued under the responsibility of:



<b>TEST REPORT</b>	
<b>IEC 60950-1</b>	
<b>Information technology equipment – Safety – Part 1: General requirements</b>	
<b>Report Number</b> .....	17027140 002
<b>Date of issue</b> .....	Jul. 28. 2013
<b>Total number of pages</b> .....	12
<b>CB Testing Laboratory</b> .....	<b>TÜV Rheinland (Shenzhen) Co., Ltd.</b>
<b>Address</b> .....	3 & 4 F, Cybio Technology Building No. 1, Langshan No. 2 Road South, 5th Industrial Area, High-Tech Industry Park North, Nanshan District, 518057, Shenzhen, P.R. China
<b>Applicant's name</b> .....	<b>TPV Electronics (Fujian) Co., Ltd.</b>
<b>Address</b> .....	Shangzheng, Yuan Hong Road, Fuqing City, Fujian Province, P.R. China
<b>Manufacturer's name</b> .....	<b>TPV Electronics (Fujian) Co., Ltd.</b>
<b>Address</b> .....	Shangzheng, Yuan Hong Road, Fuqing City, Fujian Province, P.R. China
<b>Test specification:</b>	
<b>Standard</b> .....	IEC 60950-1:2005 (Second Edition); Am 1:2009
<b>Test procedure</b> .....	CB Scheme
<b>Non-standard test method</b> .....	N/A
<b>Test Report Form No.</b> .....	IEC60950_1C
<b>Test Report Form(s) Originator</b> .....	SGS Fimko Ltd
<b>Master TRF</b> .....	Dated 2012-08
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If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.	
<b>This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.</b>	
<b>Test item description</b> .....	SMART All-in-One
<b>Trade Mark</b> .....	AOC
<b>Manufacturer</b> .....	See above
<b>Model/Type reference</b> .....	215LM000**, *2258****, *2272****; 236LM000**, A2472 (* can be A to Z, a to z, 0 to 9, "+", "-", "/", "\" or blank, represent different enclosure color and sales regions for marketing purpose only, no technical difference)
<b>Ratings</b> .....	I/P: 19Vdc, 3.42A

<b>Testing procedure and testing location:</b>		
<input checked="" type="checkbox"/>	<b>CB Testing Laboratory:</b>	TÜV Rheinland (Shenzhen) Co., Ltd.
Testing location/ address.....:		3 & 4 F, Cybio Technology Building No. 1, Langshan No. 2 Road South, 5th Industrial Area, High-Tech Industry Park North, Nanshan District, 518057, Shenzhen, P.R. China
<input type="checkbox"/>	<b>Associated CB Laboratory:</b>	
Testing location/ address.....:		
	Tested by (name + signature).....:	Anderson Wang 
	Approved by (name + signature).....:	Aegean Li 
<input type="checkbox"/>	<b>Testing procedure: TMP</b>	
Testing location/ address.....:		
	Tested by (name + signature).....:	
	Approved by (name + signature).....:	
<input type="checkbox"/>	<b>Testing procedure: WMT</b>	
Testing location/ address.....:		
	Tested by (name + signature).....:	
	Witnessed by (name + signature).....:	
	Approved by (name + signature).....:	
<input type="checkbox"/>	<b>Testing procedure: SMT</b>	
Testing location/ address.....:		
	Tested by (name + signature).....:	
	Approved by (name + signature).....:	
	Supervised by (name + signature).....:	
<input type="checkbox"/>	<b>Testing procedure: RMT</b>	
Testing location/ address.....:		
	Tested by (name + signature).....:	
	Approved by (name + signature).....:	
	Supervised by (name + signature).....:	







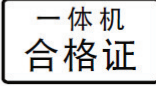




**List of Attachments (including a total number of pages in each attachment):**  
 - Photo documentation (9 pages)





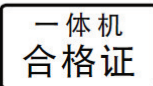




**Summary of testing:**

<p><b>Tests performed (name of test and test clause):</b>                  Following tests performed during evaluation</p> <table border="1"> <thead> <tr> <th>name of test</th> <th>test clause number</th> </tr> </thead> <tbody> <tr> <td>Input Current Test</td> <td>1.6.2</td> </tr> <tr> <td>Durability of Marking Test</td> <td>1.7.11</td> </tr> <tr> <td>SELV limits for normal conditions</td> <td>2.2.2</td> </tr> <tr> <td>Maximum Temperature Test</td> <td>4.5.2</td> </tr> <tr> <td>Fault Condition Test</td> <td>5.3</td> </tr> </tbody> </table> <p>The EUT passed the test.</p>	name of test	test clause number	Input Current Test	1.6.2	Durability of Marking Test	1.7.11	SELV limits for normal conditions	2.2.2	Maximum Temperature Test	4.5.2	Fault Condition Test	5.3	<p><b>Testing location:</b>                  All tests as described in Test Case and Measurement Sections were performed at the laboratory described on page 2</p>
name of test	test clause number												
Input Current Test	1.6.2												
Durability of Marking Test	1.7.11												
SELV limits for normal conditions	2.2.2												
Maximum Temperature Test	4.5.2												
Fault Condition Test	5.3												

**Summary of compliance with National Differences**  
 See original CB report 17027140 001.

**Copy of marking plate**  
 The below label is a draft of an artwork for marking plate pending approval by National Certification Bodies and it shall not be affixed to products prior to such an approval.

<p><b>AOC</b> SMART All-in-One/智能一体机</p> <p>Product Name / 机种名: A2272P<sub>WH</sub></p> <p>Model NO. / 型号: 215LM00044</p> <p>Power Rating / 额定电源: 19V <math>\equiv</math> 3.42A</p> <p>WUHAN ADMIRAL TECHNOLOGY CO., LTD.                  No. 8, Caidian Economy Development Zone, Caidian District, Wuhan, Hubei                  制造商: 武汉艾德蒙科技股份有限公司                  地址: 湖北省武汉市蔡甸区蔡甸经济开发区特8号</p> <p>CMIIT ID:</p> <p>Made in China / 中国制造  <a href="http://www.aoc.com">www.aoc.com</a></p> <p>Q40G019N-615-A27</p>	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div> <div style="text-align: center; margin-top: 10px;">  </div> <div style="text-align: center; margin-top: 10px;">  </div> <div style="text-align: center; margin-top: 10px;">  </div> <div style="text-align: center; margin-top: 10px;">  </div> <p style="text-align: center; margin-top: 20px;"><b>Warning: Shock Hazard, Do Not Open.</b>                  高压注意: 非专业维修人员请勿打开后盖。                  For applicable power supplies see user manual</p> <div style="text-align: center; margin-top: 20px;">  <p>P/N:XXXXXXXXXXXXXXXXXX</p> </div>
--	--

<b>AOC</b> SMART All-in-One/智能一体机	 ISO 9241-307			
Product Name / 机种名: A2472P <sub>WH</sub> Model NO. / 型号: 236LM00017				
Power Rating / 额定电源: 19V $\equiv$ 3.42A WUHAN ADMIRAL TECHNOLOGY CO., LTD. No. 8, Caidian Economy Development Zone, Caidian District, Wuhan, Hubei 制造商: 武汉艾德蒙科技股份有限公司 地址: 湖北省武汉市蔡甸区蔡甸经济开发区特8号	Warning: Shock Hazard, Do Not Open. 高压注意: 非专业维修人员请勿打开后盖。 For applicable power supplies see user manual			
CMIIT ID:  Made in China / 中国制造 www.aoc.com  Q40G019N-615-A27	 P/N:XXXXXXXXXXXXXXXXXX			

Note: The above label represents label for model name other than above covered by the model name. See original CB report 17027140 001 for other rating labels.

<b>Test item particulars</b> .....:	
Equipment mobility.....:	<input checked="" type="checkbox"/> movable (for unit with stand bar) <input type="checkbox"/> hand-held <input type="checkbox"/> transportable <input checked="" type="checkbox"/> stationary (for unit without stand bar) <input type="checkbox"/> for building-in <input type="checkbox"/> direct plug-in
Connection to the mains .....	<input type="checkbox"/> pluggable equipment <input type="checkbox"/> type A <input type="checkbox"/> type B <input type="checkbox"/> permanent connection <input type="checkbox"/> detachable power supply cord <input type="checkbox"/> non-detachable power supply cord <input checked="" type="checkbox"/> not directly connected to the mains
Operating condition.....:	<input checked="" type="checkbox"/> continuous <input type="checkbox"/> rated operating / resting time:
Access location .....	<input checked="" type="checkbox"/> operator accessible <input type="checkbox"/> restricted access location
Over voltage category (OVC) .....	<input type="checkbox"/> OVC I <input checked="" type="checkbox"/> OVC II <input type="checkbox"/> OVC III <input type="checkbox"/> OVC IV <input type="checkbox"/> other:
Mains supply tolerance (%) or absolute mains supply values .....	N/A
Tested for IT power systems .....	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
IT testing, phase-phase voltage (V) .....	
Class of equipment .....	<input type="checkbox"/> Class I <input type="checkbox"/> Class II <input checked="" type="checkbox"/> Class III <input type="checkbox"/> Not classified
Considered current rating of protective device as part of the building installation (A) .....	16A (20A for North America)
Pollution degree (PD) .....	<input type="checkbox"/> PD 1 <input checked="" type="checkbox"/> PD 2 <input type="checkbox"/> PD 3
IP protection class .....	IPX0
Altitude during operation (m) .....	Up to 5000
Altitude of test laboratory (m) .....	Less than 2000
Mass of equipment (kg) .....	Approx. 3.91kg (21.5 inch unit with stand base) approx. 0.22kg (for base stand of 21.5 inch models); Approx. 5.34kg (23.6 inch unit with stand base) approx. 0.35kg (for base stand of 23.6 inch models)
<b>Possible test case verdicts:</b>	
- 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)
<b>Testing</b> .....:	
Date of receipt of test item .....	Jul. 2013
Date(s) of performance of tests.....	Jul. 2013



**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.  
 Throughout this report a  comma /  point is used as the decimal separator.

**Manufacturer’s Declaration per sub-clause 6.2.5 of IEC60384-1:**  
 The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided.....:  Yes  Not applicable  
 When differences exist; they shall be identified in the General product information section.

**Name and address of factory (ies) .....** : Refer to report No. 11031411 001.

**General product information:**  
 Description of change(s):

1. Add new model: **\*2272\*\*\*\*\***, which is identical to original model 215LM000\*\* except for type designation.
2. Add new models **236LM000\*\***, **A2472\*\*\*\*\***, which are identical to original model 215LM000\*\* except for the construction:
  - 1) with 23.6 inch panels;
  - 2) with new plastic enclosure and metal enclosure;
  - 3) **without** touch-sensitive screen or touch-sensitive screen decoding board.
3. Add touch-sensitive screen for 21.5 inch models only, which is mounted in front of LCD panel.
4. Add touch-sensitive screen decoding board **715G5244** for 21.5 inch models only.
5. Add new metal enclosure type B for 21.5 inch models, which is used for touch-sensitive screen decoding board **715G5244** and new main board **715G6038** mentioned above. Meanwhile, original metal enclosure mentioned in original report 17027240 001 named **type A**.
6. Add main board **715G6038** for all models.
7. Add new USB & audio extend board **715G5803** for all models, which is used with main board mentioned above only.
8. Add new four alternative 21.5 inch panels with LED backlight for 21.5 inch models.

For the above described change(s) the following was considered to be necessary:

Change	Testing	Comments
1-8	- Input Current Test - SELV limits for normal conditions - SELV limits for abnormal conditions - Maximum Temperature Test - Fault Condition Test	See Table 1.5.1 for the details. See following pages for the details.7

See below table for construction details:

Model	Panel size	Main board	touch-sensitive screen decoding board	Plastic enclosure	Metal enclosure
215LM000**, *2258****, *2272****,	21.5 inch LCD panel with LED backlight	715G5831	N/A	Type A	Type A
		<b>715G6038</b>	<b>715G5244</b>		<b>Type B</b>
<b>236LM000**, A2472</b>	<b>23.6 inch LCD panel with LED backlight</b>	<b>715G6038</b>	N/A	<b>Type B</b>	<b>Type C</b>
Note(s):					

History of amendments and modifications:

Ref. No. 17027140 001, dated Mar. 13, 2013 (original test report);

Ref. No. 17027140 002, dated Jul. 28. 2013 (1<sup>st</sup> modification);

**Abbreviations used in the report:**

- normal conditions	N.C.	- single fault conditions	S.F.C
- functional insulation	OP	- basic insulation	BI
- double insulation	DI	- supplementary insulation	SI
- between parts of opposite polarity	BOP	- reinforced insulation	RI

Indicate used abbreviations (if any)

IEC 60950-1					
Clause	Requirement + Test			Result - Remark	Verdict
1.5.1	TABLE :list of critical components				<b>P</b>
Object/part no.	Manufacture/ trademark	Type/model	Technical data	standard	Mark(s) of conformity <sup>1)</sup>
LCD panel with LED backlight for 21.5 inch models	TPV	TPM215HW**-***** (* can be 0-9, A-Z or blank for marketing purpose only)	21.5" TFT type, with LED back light, power consumption: 19.7W; LED Array Voltage: 48.1V	--	Tested in equipment
	AUO	M215HTN** (* can be 0-9, A-Z or blank for marketing purpose only)	21.5" TFT type, with LED back light, power consumption: 15.634W; LED Array Voltage: 43.2V	--	Tested in equipment
	CHIMEI INNOLUX	M215HG*-*** (* can be 0-9, A-Z or blank for marketing purpose only)	21.5" TFT type, with LED back light, power consumption: 16.97W; LED Array Voltage: 37.4V	--	Tested in equipment
	L&T	LM215WF*-**** (* can be 0-9, A-Z or blank for marketing purpose only)	21.5" TFT type, with LED back light, power consumption: 14.35W; LED Array Voltage: 48V	--	Tested in equipment
	L&T	BM215WF*-**** (* can be 0-9, A-Z or blank for marketing purpose only)	21.5" TFT type, with LED back light, power consumption: 16.3W; LED Array Voltage: 54.4V	--	Tested in equipment
	BOE	HM215WU*-*** (* can be 0-9, A-Z or blank for marketing purpose only)	21.5" TFT type, with LED back light, power consumption: 17.19W; LED Array Voltage: 57.6V	--	Tested in equipment
	BOE	HR215WU*-*** (* can be 0-9, A-Z or blank for marketing purpose only)	21.5" TFT type, with LED back light, power consumption: 24.87W; LED Array Voltage: 45V	--	Tested in equipment

IEC 60950-1					
Clause	Requirement + Test			Result - Remark	Verdict
	AUO	M215HTN** (* can be 0-9, A-Z or blank for marketing purpose only)	21.5" TFT type, with LED back light, power consumption: 15.7W; LED Array Voltage: 43.2V	--	Tested in equipment
	AUO	T215HVN** (* can be 0-9, A-Z or blank for marketing purpose only)	21.5" TFT type, with LED back light, power consumption: 16.55W; LED Array Voltage: 57.8V	--	Tested in equipment
LCD panel with LED backlight for 23.6 inch models	CHIMEI INNOLUX	M236HGJ-L** (* can be 0-9, A-Z or blank for marketing purpose only)	23.6" TFT type, with LED back light, power consumption: 19.09W; LED Array Voltage: 47.6V	--	Tested in equipment
	BOE	HR236WU*-*** (* can be 0-9, A-Z or blank for marketing purpose only)	23.6" TFT type, with LED back light, power consumption: 20.2W; LED Array Voltage: 57.6V	--	Tested in equipment
	CHIMEI INNOLUX	M236HGE-L** (* can be 0-9, A-Z or blank for marketing purpose only)	23.6" TFT type, with LED back light, power consumption: 20.08W; LED Array Voltage: 51V	--	Tested in equipment
	TPV	TPM236H*-***** (* can be 0-9, A-Z or blank for marketing purpose only)	23.6" TFT type, with LED back light, power consumption: 18.6W; LED Array Voltage: 56V	--	Tested in equipment
Note:					
1. An asterisk indicates a mark that assures the agreed level of surveillance.					
2. * indicates that the adapter with the plug portion for specific country compliance to national requirements to be evaluated during the National approval for this product.					

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict

1.6.2	TABLE: electrical data (in normal conditions)						P
U (V)	I (A)	I <sub>rated</sub> (A)	P (W)	Fuse #	I <sub>fuse</sub> (A)	Condition/status	
<b>Measured on 21.5 inch model with panel HR215WU*-*** (BOE)<sup>2)</sup>, main board 715G6038, USB &amp; audio extend board 715G5803</b>							
VGA mode							
18.76	2.36	3.42	44.27	--	--	Maximum normal load	
HDMI mode							
18.65	2.64	3.42	49.36	--	--	Maximum normal load	
Android mode							
18.75	2.31	3.42	43.36	--	--	Maximum normal load	
<b>Measured on 23.6 inch model with panel HR236WU*-*** (BOE)<sup>2)</sup>, main board 715G6038, USB &amp; audio extend board 715G5803</b>							
VGA mode							
18.86	1.93	3.42	36.09	--	--	Maximum normal load	
HDMI mode							
18.85	2.28	3.42	42.96	--	--	Maximum normal load	
Android mode							
18.85	1.98	3.42	37.40	--	--	Maximum normal load	
Note(s):							
1. Operated under 100% brightness, 100% contrast, full white screen, optimal resolution@60Hz, 2 pieces of speakers were loaded with 1 KHz noise and turned to maximum volume, RJ-45 port transmission data by highest speed, each USB port loaded with 5V/0.8A, which consumed maximum output power.							
2. Panel chosen above is because it consumes higher power consumption specified in panel specification than any other panel. See Table 1.5.1 for the details.							

2.2.2	TABLE: Hazardous voltage measurement				P
Component	Location	max. Voltage		Voltage Limitation Component	
		V peak	V d.c.		
<b>Test on 23.6 inch models with main board 715G6038</b>					
Main board output to panel LED backlight	CN1901 pin 3,4 - GND (after D1901)	--	54.6		
Note(s): Input Voltage is 19Vdc.					

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict
<b>4.5.1</b>	<b>TABLE: maximum temperatures</b>		<b>P</b>
	test voltage (V) .....	19Vdc	—
	t1 (°C) .....	--	—
	t2 (°C) .....	--	—
Maximum temperature T of part/at:		T (°C)	allowed T <sub>max</sub> (°C)
<b>Measured on 21.5 inch model with panel HR215WU*~*** (BOE), main board 715G6038, USB &amp; audio extend board 715G5803</b>			
DC Inlet CN1101 (on main board)		40.9	54.2
PCB near U1403 (on main board)		53.7	89.2
PCB near U2111 (on main board)		56.9	89.2
PCB near U2105 (on main board)		60.7	89.2
PCB near U2113 (on main board)		56.2	89.2
C1131 body		50.8	69.2
C1131 body		50.8	69.2
L1901 body		62.4	79.2
L1104 body		61.8	79.2
Plastic enclosure outside		29.7	44.2
Metal enclosure		38.8	54.2
Panel surface		40.7	79.2
Ambient		24.2	--
<b>Measured on 23.6 inch model with panel HR236WU*~*** (BOE), main board 715G6038, USB &amp; audio extend board 715G5803</b>			
DC Inlet CN1101 (on main board)		39.4	55.7
PCB near U1403 (on main board)		51.8	90.7
PCB near U2111 (on main board)		53.0	90.7
PCB near U2105 (on main board)		58.4	90.7
PCB near U2113 (on main board)		54.5	90.7
C1131 body		50.8	70.7
C1131 body		50.1	70.7
L1901 body		57.4	80.7
L1104 body		55.4	80.7
Plastic enclosure outside		25.0	45.7
Metal enclosure		38.0	55.7



IEC 60950-1						
Clause	Requirement + Test			Result - Remark	Verdict	
Panel surface		39.7		80.7		
Ambient		25.7		--		
Temperature T of winding:		R <sub>1</sub> (Ω)	R <sub>2</sub> (Ω)	T (°C)	allowed T <sub>max</sub> (°C)	insulation class
<p>Note(s):</p> <p>1. The temperatures were measured under the worse case normal mode defined in 1.2.2.1 and in HDMI mode as described in sub-clause 1.6.2 at voltage as described above.</p> <p>2. With a specified ambient temperature of 40°C. Temperature limits are calculated as follows:</p> <ul style="list-style-type: none"> <li>- T<sub>max</sub> = T<sub>max</sub> of component - 40 + T<sub>amb</sub></li> </ul>						

5.3	TABLE: Fault condition tests					P
	Ambient temperature (°C) .....				See below	—
	Power source for EUT: ManuFacterer, model/type, output rating .....					—
Component No.	Fault	Supply voltage (V)	Test time	Fuse #	Fuse current (A)	Observation
D1601	s-c	19Vdc	5 min	--	--	Unit shut down, no hazard.
L1601	s-c	19Vdc	5 min	--	--	Unit shut down, no hazard.
C1101	s-c	19Vdc	5 min	--	--	Unit shut down, no hazard.
C1166	s-c	19Vdc	5 min	--	--	Unit shut down, no hazard.
D2103	s-c	19Vdc	5 min	--	--	Unit shut down, no hazard.
C2148	s-c	19Vdc	5 min	--	--	Unit shut down, no hazard.
L1901	s-c	19Vdc	5 min	--	--	Unit shut down, no hazard.
USB	o-l	240	2.0hrs	F901	0.36	Unit operated normally, Max. measured temp.: U2105=58.4°C, L1104=55.4°C, L1901=57.4°C, Ambient= 19.1°C, Before shutdown, USB is loaded to 2.3A.
Notes: In fault column, where s-c=short-circuited, o-l = overload.						

Type Designation: See test report  
Report Number: 17027140 002



Figure 1. Metal enclosure type B for 21.5 inch models



Figure 2. Metal enclosure type B for 21.5 inch models

Type Designation: See test report  
Report Number: 17027140 002



Figure 3. Metal enclosure type B for 21.5 inch models

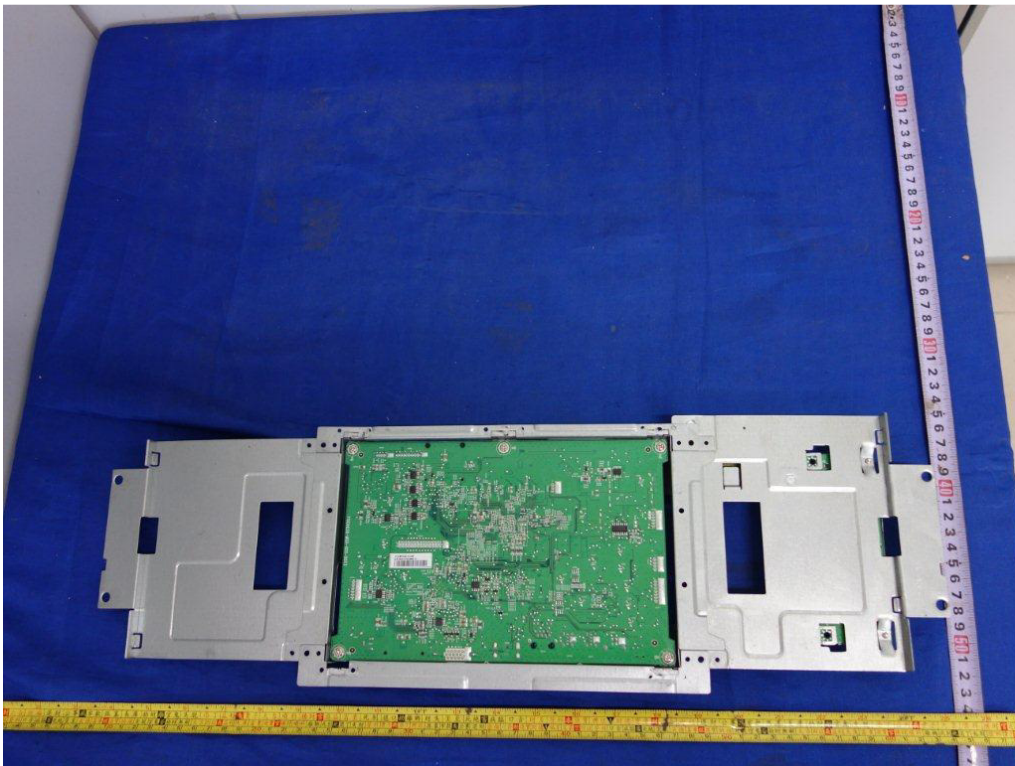


Figure 4. internal view of metal enclosure for 21.5 inch models



Type Designation: See test report  
Report Number: 17027140 002

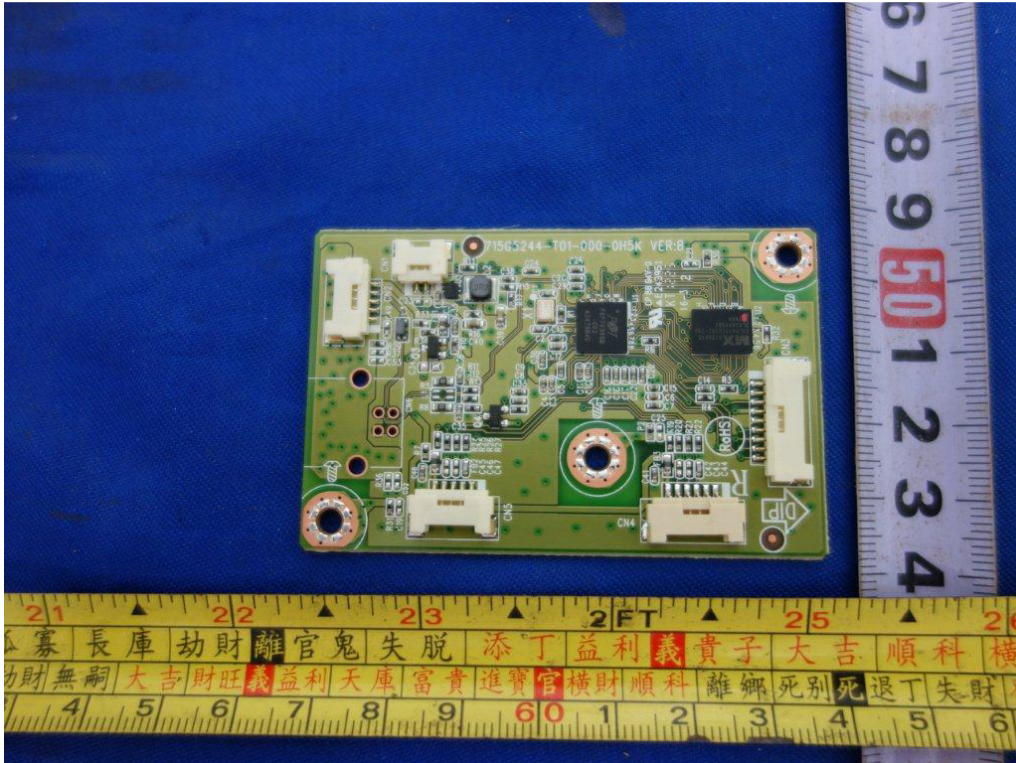


Figure 5. touch-sensitive screen decoding board 715G5244



Figure 6. touch-sensitive screen decoding board 715G5244

Type Designation: See test report  
Report Number: 17027140 002



Figure 7. Front view for 23.6 inch models



Figure 8. Rear view for 23.6 inch models



Type Designation: See test report  
Report Number: 17027140 002

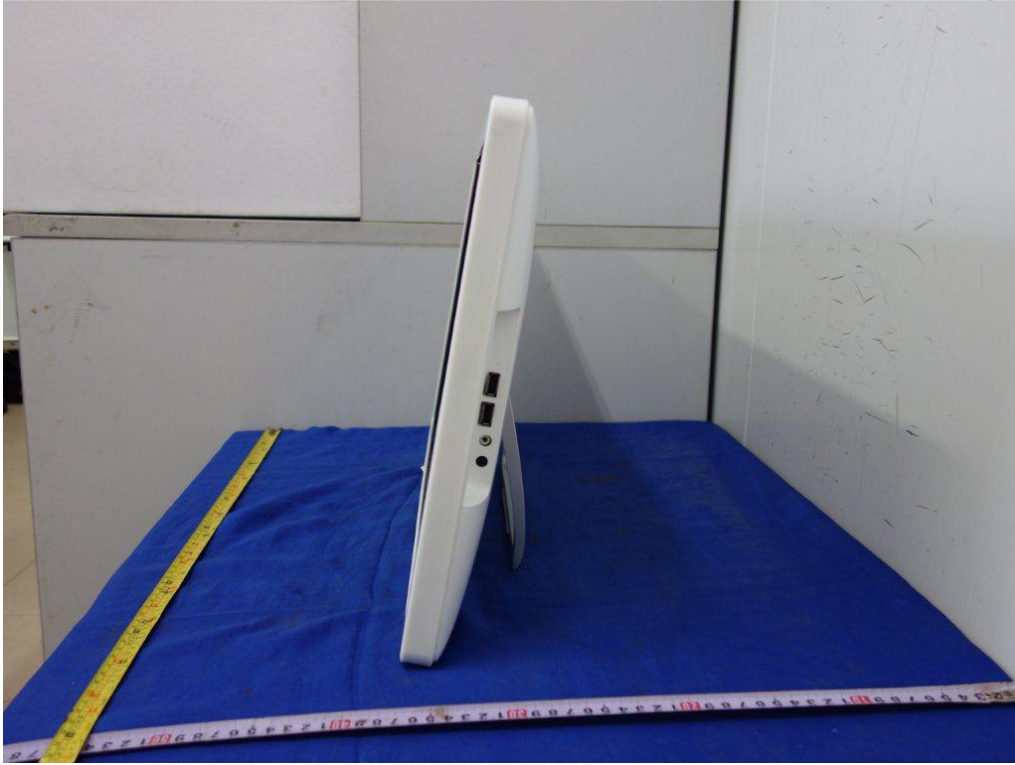


Figure 9. Side view for 23.6 inch models

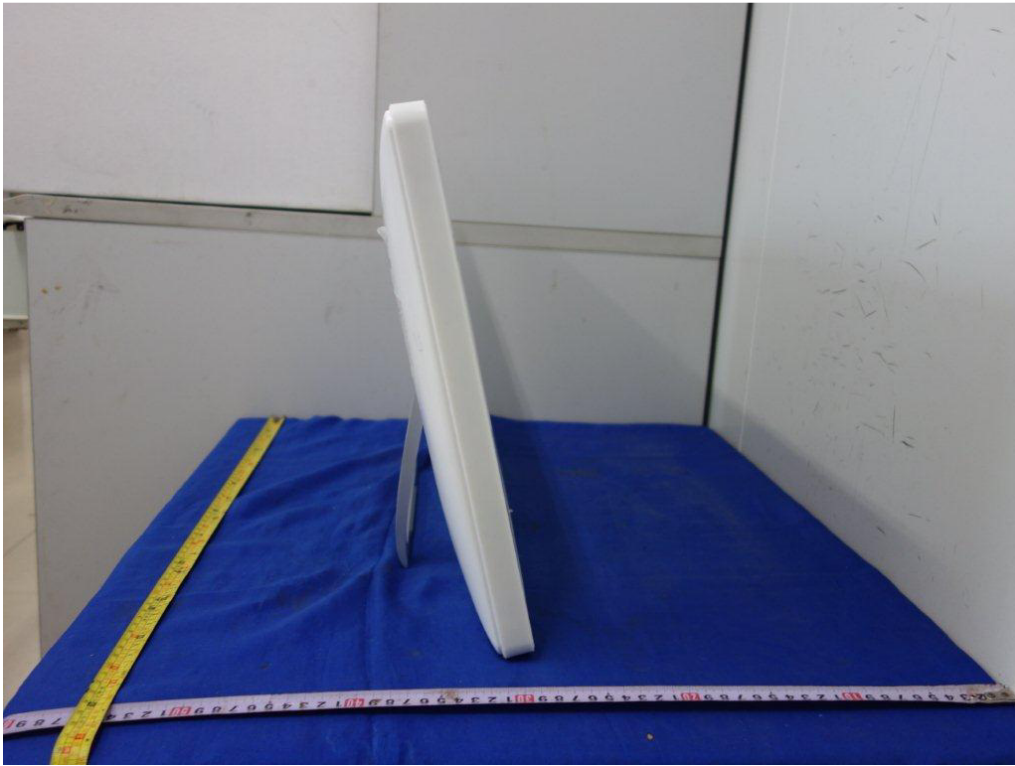


Figure 10. Side view for 23.6 inch models



Type Designation: See test report  
Report Number: 17027140 002

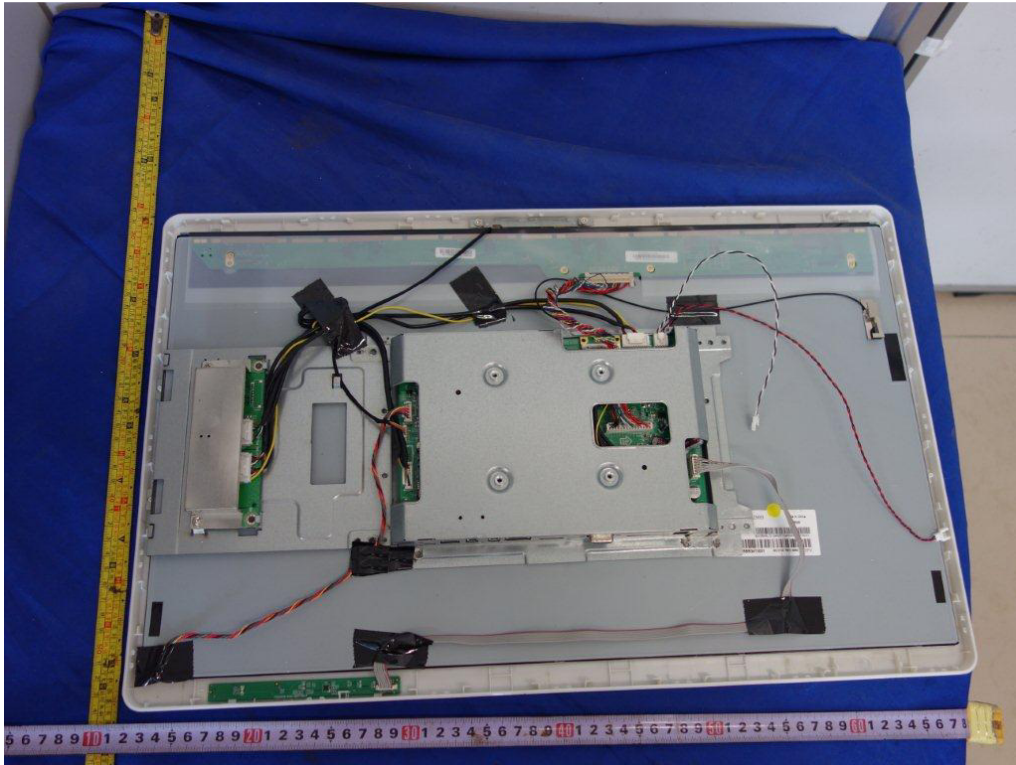


Figure 11. Metal enclosure for 23.6 inch models

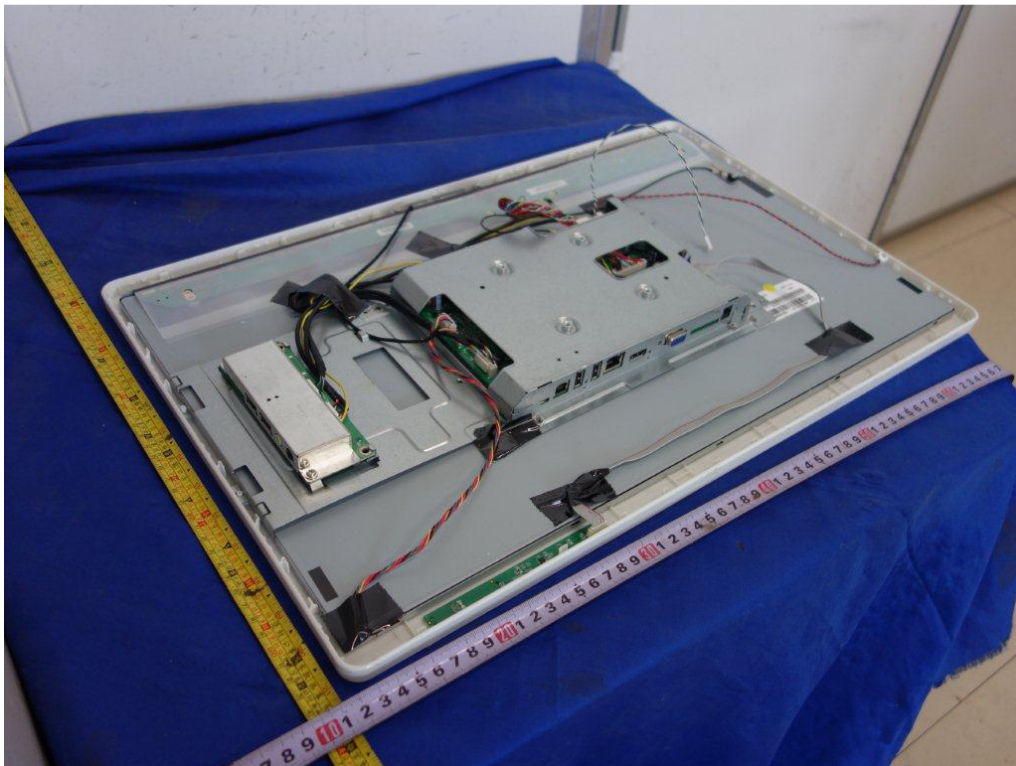


Figure 12. Metal enclosure for 23.6 inch models

Type Designation: See test report  
Report Number: 17027140 002



Figure 13. Metal enclosure for 23.6 inch models



Figure 14. internal view of metal enclosure for 23.6 inch models



Type Designation: See test report  
Report Number: 17027140 002



Figure 15. Main board 715G6038

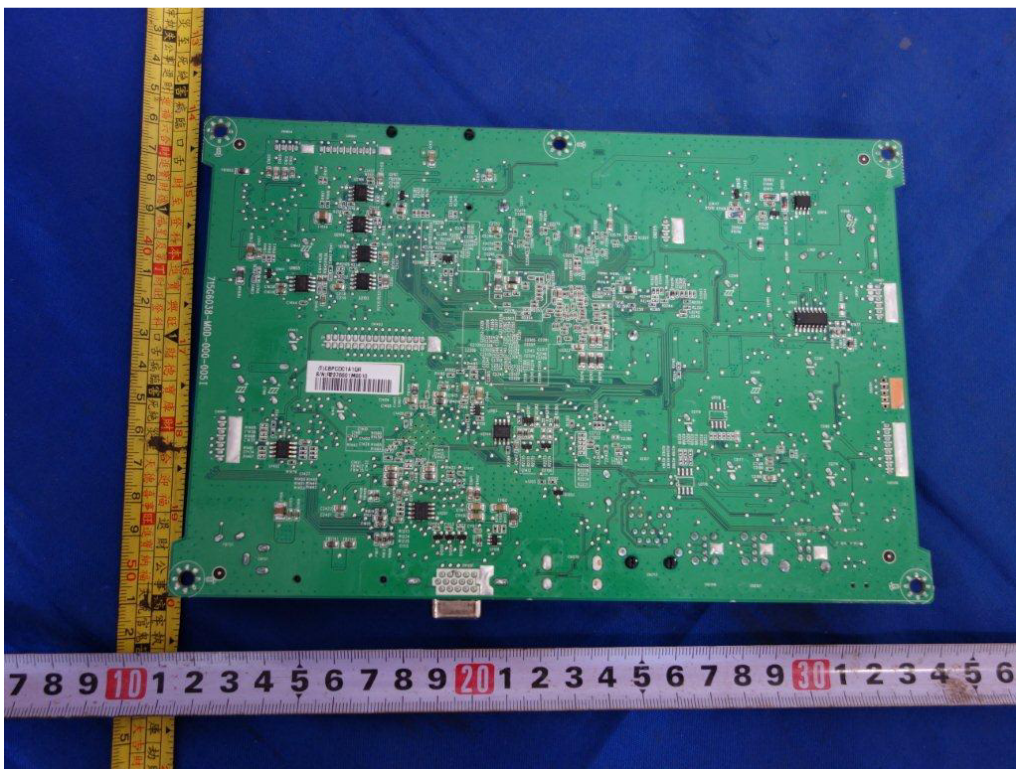


Figure 16. Main board 715G6038



Type Designation: See test report  
Report Number: 17027140 002

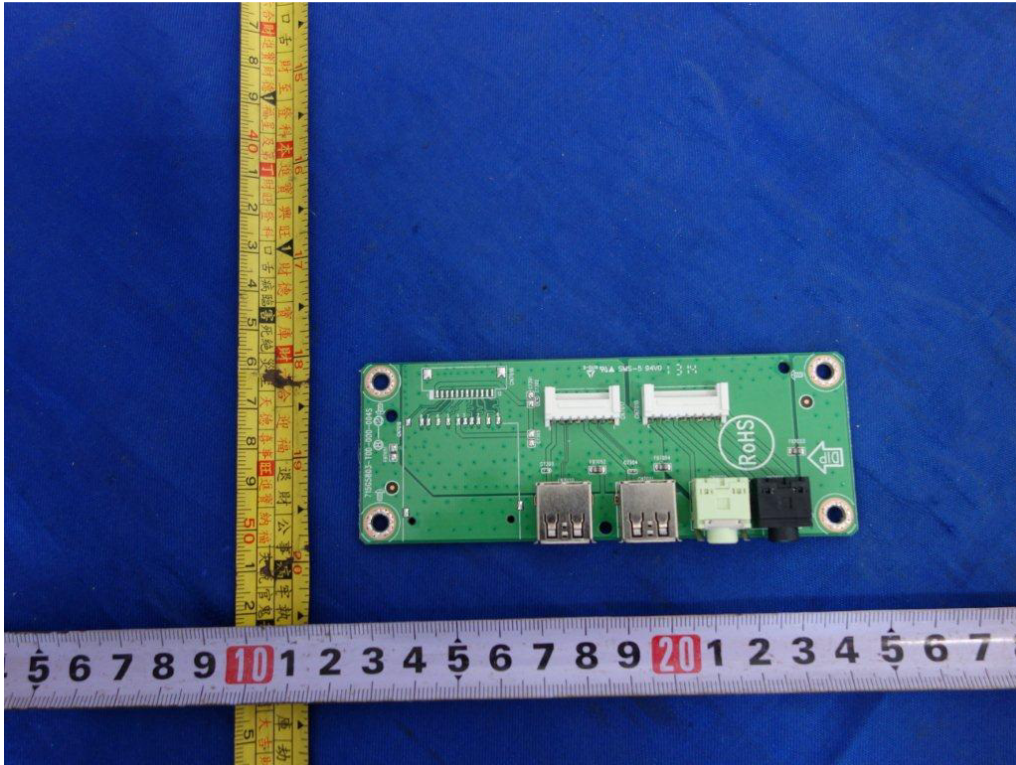


Figure 17. USB & audio extend board 715G5803

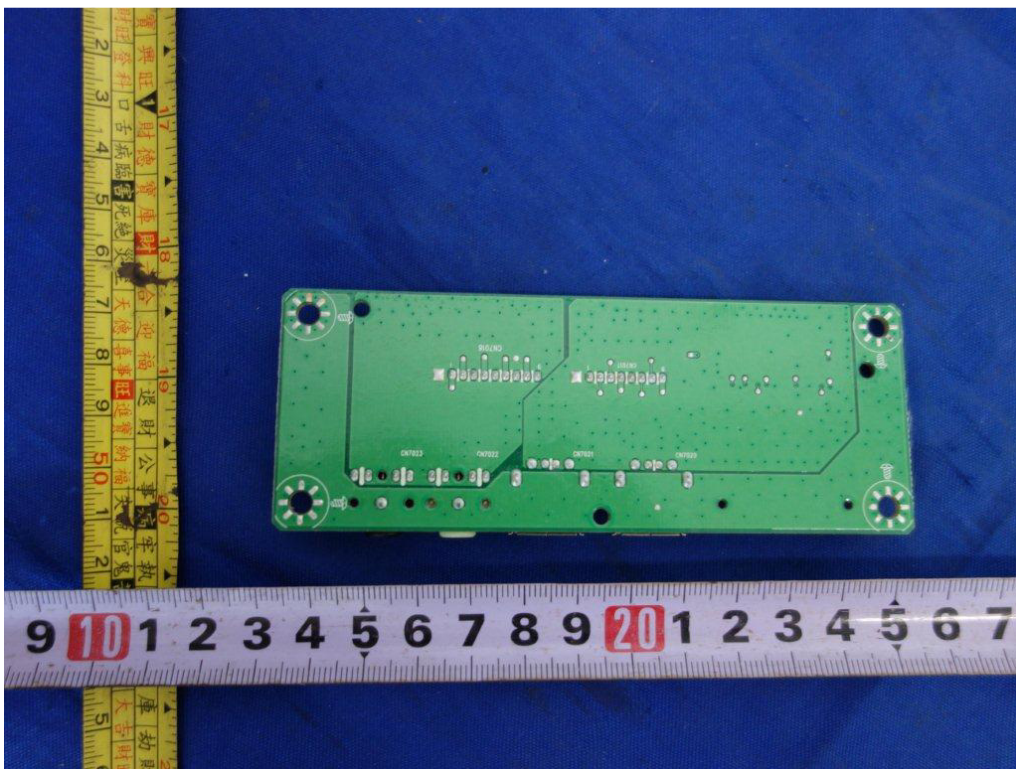


Figure 18. USB & audio extend board 715G5803