

Ref. Certif. No.

JPTUV-048535-M3

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

Name and address of the applicant

Name and address of the manufacturer

Nom et adresse du demandeur

Nom et adresse du fabricant

Nom et adresse de l'usine

Trademark (if any)

Model / Type Ref.

reported on page 2)

to be in conformity with

considéré conforme à la

of this Certificate

Ref. de type

Name and address of the factory

Ratings and principal characteristics

Marque de fabrique (si elle existe)

Valeurs nominales et charactéristiques principales

Type of Manufacturer's Testing Laboratories used

Additional information (if necessary may also be

Les informations complémentaires (si nécessaire,

A sample of the product was tested and found

Un échantillon de ce produit a été essayé et a été

As shown in the Test Report Ref. No. which forms part

Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat

peuvent être indiqués sur la 2^{ème} page)

Type de programme du laboratoire d'essais constructeur

Product

Produit

CERTIFICAT D'ESSAI OC

LCD Monitor

Top Victory Electronics (Taiwan) Co., Ltd. 10F., No. 230, Liancheng Rd. Zhonghe Dist., New Taipei City, 23553 Taiwan

TPV Display Technology (China) Co., Ltd. No. 106 Jinghai 3 Rd., BDA Beijing City 100176, P.R. China

See additional page(s)

AC 100-240V; 50/60Hz; 1.5A; Class I

AOC

N/A

236LM000**, *2460****, 240LM000** (* = A-Z, a-z, 0-9, +, -, \, / or blank)

For model differences, refer to the test report. Re-issue of JPTUV-048535-M2 dated 18.07.2013, due to third modification.

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

17028332 004

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



TÜV Rheinland Japan Ltd. Global Technology Assessment Center 4-25-2 Kita-Yamata, Tsuzuki-ku Yokohama 224-0021 Japan Phone + 81 45 914-3888 Fax + 81 45 914-3354 Mail: info@jpn.tuv.com Web: www.tuv.com

05.13

B

0/061

Date: 19.11.2013

Signature:

Ing. M. Eichenseder

Ref. Certif. No.



10/061a DJ2 12.10

JPTUV-048535-M3

Process 2 OF 3 1. Tarung Mexico S.A. de. C.V. Are, Ross Ma. Eventise #7050 Concided industrie Ferreirs MEXICO 2. TVD Usay Technology (Wuhan) Unique N. 11, Zhuankou Dewiopnent District of Economic Technological Development Zone, Wuhan City 430066, P.R. China 3. TVP Electronics (Figlian) Ca., Itd. Shangthang, Yuan Hong Road Pauring City, Fujian Province Products Idd B95, Joan Marcog Fozzati Street, 895, Joan Marcog Fozzati Street, 805, Joan Marcog Fozzati Str			
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Shangzheng, Yuan Hong Read Fuqing City, Fujian Povince P.R. China 4. Envision Industry of Electronic Products Ltd. 199, 076-215 Maneus, Am. Brazil 5. Envision Industry of Electronic Products Ltd. Rodovia Anhanguera SiN-KM 49 13.205-700 Tijuco Preto-Judial-SP- Brazil 6. TPV Displays Polsica Sp. z o.o. 14. 400 Garzów Wikp. Poland 7. TAT Display Technology (Fujian) Ltd. Optoelectronic Park, Ronguiao Economic and Technological Economic and Technological Economic and Technological Economic and Technological Economic and Technological Economic and Technological Economic and Jilin Road, Beihai City, Guangxi, P.R. Chine 8. TPV Display Technology (Bialan) Co., Ltd. China Electronic Beihai Industry Park, Northeast of the Crossing Between Tawan Road and Jilin Road, Beihai City, Guangxi, P.R. Chine 9. Invision Industry of Electronic Products Ltd. Av Torqueto Tepido 5703, Galgáe: Il Blocc: SCondminio de Galpbes-Tarumā-Maneus, AM, Brazil Additional Information (if necessary) Information complémentaire (si nécessaire)	Co., Ltd. Unique No. 11, Zhuankou Development District of Economic Technological		
Products Ltd. 985, Joso Marcos Pozzetti Street, Industrial District II, 69, 075-215 Manaus, Am, Brazil 5. Frvision Industry of Electronic Products Ltd. Produvis Anhanguera S/N-KM 49 13.205-700 Tjuco Preto-Jundial-SP- Brazil 6. TPV Displays Polska Sp. z o.o. ul. Zitogo Smoka 9 66-400 Gorzów Wike, Poland 7. L&T Display Technology (Fujian) Ltd. Optoelectronic Park, Ronguiao Economic and Technological Development Zone Fusing, Fujian 350301, P.R. China 8. TPV Display Technology (Beihai) Oc, Ltd. Child China Electronic Brak, Ronguiao Economic and Technological Development Zone Fusing, Fujian 350301, P.R. China 8. TPV Display Technology (Beihai) Oc, Ltd. Child China Electronic Brak, Rond and Jilin Road, Beihai City, Guangxi, P.R. China 9. Envision Industry of Electronic Products Ltd. Av Torqueto Tapplés 7503, Galpão : II Blocz: B-Condominio de Galpões-TarumB-Manaus, AM, Brazil Additional information (If necessary) Information complémentaire (si nécessaire) Report: Ref. No. : 17028332 004	Shangzheng, Yuan Hong Road Fuqing City, Fujian Province		~
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Products Ltd. Av Torquato Tapajós 7503, Galpões - II Bloc: B-Condomínio de Galpões-Tarumă-Manaus, AM, Brazil Additional information (if necessary) Information complémentaire (si nécessaire) Report Ref. No.: 17028332 004	Co., Ltd. China Electronic Beihai Industry Park, Northeast of the Crossing		
Information complémentaire (si nécessaire)	Products Ltd. Av Torquato Tapajós 7503, Galpão : Il Bloco: B-Condomínio		
Information complémentaire (si nécessaire)			
Date: 19.11.2013 Signature: Ing. M. Eichenseder			
Date: 19.11.2013 Signature: Ing. M. Eichenseder			
Date: 19.11.2013 Signature: Ing. M. Eichenseder			
	Date: 19.11.2013 Signature: Ing. M. Eichenseder		

Ref. Certif. No.



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10. TPV Technology (Qingdao) Co., Ltd. No.99 Huoju Road, High-tech Industrial Development Zone Qingdao City, Shandong Province, P.R. China

 TPV Display Technology (China) Co., Ltd.
 No. 106 Jinghai 3 Rd., BDA Beijing City 100176 P.R. China

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

Report Ref. No.: 17028332 004

Ing. M. Eichenseder



Test Report issued under the responsibility of:



TEST REPORT IEC 60950-1 Information technology equipment – Safety – Part 1: General requirements

Penert Number	17028332 004
Report Number: Date of issue:	
	19 Nov., 2013
Total number of pages	13 pages
CB Testing Laboratory	TÜV Rheinland (Shenzhen) Co., Ltd.
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
Applicant's name:	Top Victory Electronics (Taiwan) Co., Ltd.
Address:	10F., No. 230, Liancheng Rd., Zhonghe Dist., New Taipei City, 23553 Taiwan
Manufacturer's name	TPV Display Technology (China) Co., Ltd.
Address	No.106 Jinghai 3 Rd., BDA, Beijing City 100176, P.R. China.
Test specification:	
Standard:	IEC 60950-1:2005 (Second Edition) + Am 1:2009
Test procedure:	CB Scheme
Non-standard test method	N/A
Test Report Form No	IEC60950_1C
Test Report Form(s) Originator:	SGS Fimko Ltd
Master TRF	
	n for Conformity Testing and Certification of Electrotechnical ;), Geneva, Switzerland. All rights reserved.
	in part for non-commercial purposes as long as the IECEE is acknowledged as EE takes no responsibility for and will not assume liability for damages resulting d material due to its placement and context.
If this Test Report Form is used by nor Scheme procedure shall be removed.	IECEE members, the IECEE/IEC logo and the reference to the CB
	Report unless signed by an approved CB Testing Laboratory e issued by an NCB in accordance with IECEE 02.
Test item description	LCD Monitor
Trade Mark:	AOC
Manufacturer:	See above
Model/Type reference:	236LM000**, *2460****, 240LM000** (see page 7 for the definition of *)
Ratings	I/P: 100-240Vac, 50/60Hz, 1.5A

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Testi	ng procedure and testing location:		
	CB Testing Laboratory:	TÜV Rheinland (Shenz	hen) Co., Ltd.
Testi	ng location/ address:	Road South, 5th Industri	gy Building No. 1, Langshan No. 2 al Area, High-Tech Industry Park 518057, Shenzhen, P.R. China
	Associated CB Laboratory:	N/A	
Testi	ng location/ address	N/A	
	Tested by (name + signature):	Andrew Zhu	Indrew 2hm
	Approved by (name + signature):	Paddy Qiu	Paddifo-
	Testing procedure: TMP	N/A	
Testi	ng location/ address :	N/A	
	Tested by (name + signature):		
	Approved by (name + signature):		
	Testing procedure: WMT	N/A	
Testi	ng location/ address :	N/A	
-	Tested by (name + signature)		
	Witnessed by (name + signature):		
	Approved by (name + signature):		
	Testing procedure: SMT	N/A	
Test	ng location/ address:	N/A	
	Tested by (name + signature):		
	Approved by (name + signature):		
	Supervised by (name + signature):		
	Testing procedure: RMT	N/A	
Test	ing location/ address:	N/A	
	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 (4 pages)

Tests performed (name of test and	l test clause):	Testing location:
Following tests performed during eva	aluation	All tests as described in Test Case
name of test	test clause number	and Measurement Sections were performed at the laboratory
Input Current Test	1.6.2	described on page 2
Steady Force Test, 250N	4.2.4	
Impact Test (Steel Ball)	4.2.5	
Stress relief test	4.2.7	
Maximum Temperature Test	4.5.2	
Openings in enclosures	4.6	
Fault Condition Test	5.3	
Note: All tests were performed on the M240HVN** (AUO), with power board board: 715G6124 . Summary of compliance with Natio	d: 715G5361 type D , main	
See the original report 17028332 003	3.	

Copy of marking plate

See the original report 17028332 001.



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Test item particulars	
Equipment mobility	 [x] movable (for unit with base stand) [] hand-held [] transportable [x] stationary (for unit without base stand) [] for building-in [] direct plug-in
Connection to the mains:	 [x] pluggable equipment [x] type A [] type B [] permanent connection [x] detachable power supply cord [] non-detachable power supply cord [] not directly connected to the mains
Operating condition:	[x] continuous [] rated operating / resting time:
Access location	[x] operator accessible [] restricted access location
Over voltage category (OVC):	[] OVC I [x] OVC II [] OVC III [] OVC IV [] other:
Mains supply tolerance (%) or absolute mains supply values:	±10% (requested by client)
Tested for IT power systems:	[] Yes [x] No
IT testing, phase-phase voltage (V):	
Class of equipment:	[x] Class I [] Class II [] Class III [] Not classified
Considered current rating of protective device as part of the building installation (A):	16A (20A for CA and US)
Pollution degree (PD):	[] PD 1 [x] PD 2 [] PD 3
IP protection class:	IPX0
Altitude during operation (m):	Up to 3658
Altitude of test laboratory (m):	Less than 2000
Mass of equipment (kg):	Approx. 6.5 kg (for unit with stand base type A), 2.27 kg for base stand type A
	Approx. 4.58 kg (for unit with stand base type B), 0.35 kg for base stand type B
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:	Nov.2013
	Nov.2013



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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 \Box comma / \boxtimes point is use	d as the decimal separator.	
Manufacturer's Declaration per sub-clause 6.2.5 o	f IECEE 02:	
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.	



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Name and address of factory (ies)	1.	Tatung Mexico S.A. de. C.V. Ave. Rosa Ma. Fuentes #7050 Complejo Industrial Fuentes C.P. 32320, Cd. Juarez.
	2	Chih, MEXICO TPV Display Technology (Wuhan) Co., Ltd. Unique No. 11, Zhuankou Development District of Economic Technological Development Zone,
	3	Wuhan City 430056,P.R. China TPV Electronics (Fujian) Co., Ltd. Shangzheng, Yuan Hong Road Fuqing City,
	4	Fujian Province P.R. China Envision Industry of Electronic Products Ltd. 895, Joao Marcos Pozzetti Street, Industrial District II, 69.075-215 Manaus, Am, Brazil
	5	Envision Industry of Electronic Products Ltd Rodovia Anhanguera S/N-KM 49, 13.205-700 Tijuco Preto-Jundiaí-SP-Brazil
	6	TPV Displays Polska Sp. z o.o. ul. Zlotego Smoka 9, 66-400 Gorzów Wlkp, Poland
	7	L&T Display Technology (Fujian) Ltd. Optoelectronic Park, Rongqiao Economic and Technological Development Zone, Fuqing, Fujian 350301, P.R. China
	8	TPV Display Technology (Beihai) Co., Ltd. China Electronic Beihai Industry Park, Northeast of the Crossing Between Taiwan Road and Jilin Road, Beihai City, Guangxi, P.R. China
	9	Envision Industry of Electronic Products Ltd. Av Torquato Tapajós 7503, Galpão : Il Bloco: B – Condomínio de Galpões – Tarumã - Manaus, AM, Brazil
	10	TPV Technology (Qingdao) Co., Ltd. No.99 Huoju Road, High-tech Industrial Development Zone, Qingdao City, Shandong Province, P.R. China
	11	TPV Display Technology(China) Co., Ltd. No.106 Jinghai 3 Rd., BDA, Beijing City 100176, P.R. China.



General product information:

Description of change(s):

1. Add one alternative main board **715G6124** with DP, VGA and DVI ports.

2. Add one alternative design of plastic enclosure which was defined as Type B and the original one is Type A. Type B is identical to Type A, except enclosure shape.

3. Add one alternative power board **715G5361 type D**, which is identical to 715G5361 type A except that **715G5361 type D** without secondary connector (CN903).

4. Change the manufacturer name from "TPV Technology (Beijing) Co., Ltd." to "TPV Display Technology (China) Co., Ltd.". And Change the manufacturer's address from "No.10, Jiu Xian Qiao Rd., Chao Yang District, Beijing 100016, P.R. China" to "No.106 Jinghai 3 Rd., BDA, Beijing City 100176, P.R. China.".

5. Delete the factory "TPV Technology (Beijing) Co., Ltd." in the report.

6. Change address of factory "TPV Electronics (Fujian) Co., Ltd." from "Yuan Hong Rd., Shang-Zheng Hong-Lu Fuqing City Fujian 350301 P.R. China" to "Shangzheng, Yuan Hong Road Fuqing City, Fujian Province P.R. China".

Product model name	Power board model	Main board model	Plastic enclosure	Base type	Optional Negative ion generator	USB board
	715G5361 type A	715G5436	Туре А	Туре А, Туре В	Yes	Yes
236LM000**,	715G5361 type B	715G5270	Туре А	Туре А, Туре В	No	No
*2460****, 240LM000**	715G5361 type C	715G5121	Туре А	Туре А, Туре В	No	Yes
	715G5361 type D	715G6124	Туре В	Туре А, Туре В	No	No

See below table for construction details:

Definition of variable(s):

Variable:	Range of variable:	Content:
*	can be A-Z, a-z,0-9, +, -, \ , /, blank	Represent color difference and sales region difference, no constructional difference.



Change	Testing		Comments	
1.	Input test Maximum Tempe Fault Condition T		Details see clause 1.6, 4.5.2, 5.3 and appended tables 1.6.2, 4.5.2 and 5.3.	ł
2.	Steady Force Tes Impact Test (Stea Stress relief test Openings in encl	el Ball)	Details see clause 4.2.4, 4.2.5, 4.2.7 and appended tables 4.6.	
3.	No additional tes	required	N/A	
4.	No additional test	required	N/A	
5.	No additional test	required	N/A	
6.	No additional tes	required	N/A	
Refer to 17 Refer to 17 Refer to 17	mendments and mo 028332 001, date 1 028332 002, date 0 028332 003, date 1 028332 004, date 1	4 Dec., 2012 (or 4 Mar., 2013 (1 ^s 6 Jul., 2013 (2 nd	modification) modification)	
Abbreviatio	ons used in the re	port:		
- normal co - functional - double ins - between p polarity	insulation	N.C. OP DI BOP	 single fault conditions basic insulation supplementary insulation reinforced insulation RI 	



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	IE	EC 60950-1	
Clause	Requirement + Test	Result - Remark	Verdict

1.6	Power interface		Р
1.6.1	AC power distribution systems	TN power system	Р
1.6.2	Input current	(see appended table 1.6.2)	Р

4.2	Mechanical strength		Р	
4.2.4 4.2.5	Steady force test, 250 N	Test performed on plastic enclosure for all material sources, no hazardous.	Р	
	Impact test	500g steel ball falls freely from 1.3m on top, back and bottom of plastic enclosure, no access to hazardous parts.	Ρ	
	Fall test		Р	
	Swing test		N/A	
4.2.7	Stress relief test	70°C, 7 hours, no deformation on all sources of plastic enclosure.	Ρ	

4.5	4.5 Thermal requirements				
4.5.1	General	No parts exceeding temperature limits.	Р		
4.5.2	Temperature tests	(see appended table 4.5)	Р		
	Normal load condition per Annex L:	Equipment loaded with rated output current.			
4.5.3	Temperature limits for materials	(see appended table 4.5)	Р		
4.5.4	Touch temperature limits	(see appended table 4.5)	Р		

4.6	Openings in enclosures			
4.6.1	Top and side openingsNo hazardous parts or energy within a vertical projection of 5°.			
	Dimensions (mm):	(see appended table 4.6.1 and 4.6.2)		

5.3	Abnormal operating and fault conditions		
5.3.1	Protection against overload and abnormal operation	(see appended table 5.3)	Р
5.3.2	Motors	Motors not used.	N/A

TRF No. IEC60950_1C



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	IEC 60950-1		
Clause	Requirement + Test	Result - Remark	Verdict
5.3.3	Transformers	(see original report 17028332 001 appended table 5.3 and Annex C)	Р
5.3.4	Functional insulation:	By short-circuited, results see appended table 5.3 of original test report 17028332 001.	Р
5.3.5	Electromechanical components	No electromechanical component.	N/A
5.3.6	Audio amplifiers in ITE:		N/A
5.3.7	Simulation of faults	(see appended table 5.3.)	Р
5.3.8	Unattended equipment	No such equipment.	N/A
5.3.9	Compliance criteria for abnormal operating and fault conditions		Р
5.3.9.1	During the tests	No fire or molten metal occurred and no deformation of enclosure during the tests.	Р
5.3.9.2	After the tests	No reduction of clearance and creepage distance. Electric strength test is made on basic, supplementary and reinforced insulation after test.	Р



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1.6.2	TABLE: Electr	rical data (in	normal condit	ions)			Р
Fuse #	U (V)	I (A)	Irated (A)	P (W)	Ifuse (A)	Condition	n/status
Test on mo	odel *2460**** w	ith power bo	oard 715G5361	type D and	main boar	d 715G6124, \	/GA mode
F901	90V/50Hz	0.55		32.0	0.55	Normal load of	ondition
F901	90V/60Hz	0.58		31.9	0.58	Normal load of	ondition
F901	100V/50Hz	0.50	1.5	31.7	0.50	Normal load of	ondition
F901	100V/60Hz	0.53	1.5	31.8	0.53	Normal load of	ondition
F901	240V/50Hz	0.25	1.5	31.9	0.25	Normal load of	ondition
F901	240V/60Hz	0.28	1.5	31.8	0.28	Normal load o	ondition
F901	264V/50Hz	0.24		32.0	0.24	Normal load o	ondition
F901	264V/60Hz	0.25		31.9	0.25	Normal load of	ondition
Test on mo	odel *2460**** w	ith power bo	oard 715G5361	type D and	main boar	d 715G6124, [VI mode
F901	90V/50Hz	0.54		31.6	0.54	Normal load of	ondition
F901	90V/60Hz	0.56		31.1	0.56	Normal load of	ondition
F901	100V/50Hz	0.49	1.5	31.2	0.49	Normal load of	ondition
F901	100V/60Hz	0.51	1.5	31.5	0.51	Normal load of	ondition
F901	240V/50Hz	0.25	1.5	31.0	0.25	Normal load o	ondition
F901	240V/60Hz	0.26	1.5	31.1	0.26	Normal load o	ondition
F901	264V/50Hz	0.23		32.0	0.23	Normal load of	ondition
F901	264V/60Hz	0.25		32.0	0.25	Normal load o	ondition
Test on mo	odel *2460**** w	ith power bo	oard 715G5361	type D and	main boar	d 715G6124, E	P mode
F901	90V/50Hz	0.54		31.9	0.54	Normal load o	ondition
F901	90V/60Hz	0.56		31.8	0.56	Normal load o	ondition
F901	100V/50Hz	0.49	1.5	31.8	0.49	Normal load o	ondition
F901	100V/60Hz	0.52	1.5	31.7	0.52	Normal load o	ondition
F901	240V/50Hz	0.25	1.5	31.9	0.25	Normal load o	ondition
F901	240V/60Hz	0.26	1.5	31.5	0.26	Normal load o	ondition
F901	264V/50Hz	0.23		31.7	0.23	Normal load o	ondition
F901	264V/60Hz	0.25		32.0	0.25	Normal load o	ondition

Note(s):

1. Operated under 100% brightness, 100% contrast, full white screen, speaker output with max. nonclipped output power and optimal resolution@60Hz.

2. Tested with panel: Panel M240HVN** (AUO), due to it has the highest power consumption declared in specification. See the original report for detail.

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4.5	TABLE: maximum temperatures				Р
	test voltage (V)	b) 90V/6	60 Hz (Ho 60 Hz (Ve /60 Hz (V	—	
	t1 (°C)			_	
	t2 (°C)				
Maximum	measured temperature T of part/at::	T (°C)			Allowed Tmax (°C)
Unit tested	d with power board 715G5361 type D, main b	oard 715G	6124.		·
Test condit	tion	a)	b)	c)	
1. AC inlet near L pin		36.3	36.3	34.1	70-40+25.4=55.4
2. PCB near NR901		56.6	55.6	48.3	105-40+25.4=90.4
3. C908 body		47.5	46.8	42.2	85-40+25.4=70.4
4. L901 coi	il	53.1	52.3	44.0	105-40+25.4=90.4
5. PCB nea	ar BD901	53.7	53.4	46.4	105-40+25.4=90.4
6. C907 bc	ody	45.2	46.2	43.5	105-40+25.4=90.4
7. PCB nea	ar Q901	55.3	59.5	58.0	105-40+25.4=90.4
8. IC902 b	ody	53.1	56.0	52.2	100-40+25.4=85.4
9. T901 co	il	66.3	67.3	70.6	110-40+25.4=95.4
10. T901 c	core	64.4	66.7	68.6	110-40+25.4=95.4
11. PCB ne	ear D901	56.7	57.8	64.2	105-40+25.4=90.4
12. PCB near U401 (main board)		50.7	53.2	50.7	105-40+25.4=90.4
13. Plastic enclosure inside near T901		36.8	34.7	31.3	
14. Plastic enclosure outside near T901		33.2	33.3	29.0	95-40+25.4=80.4
15. Panel body		34.5	34.5	35.8	95-40+25.4=80.4
16. Ambier	nt	26.6	26.5	25.4	
C	ntary information:				1

Supplementary information:

1. The temperatures were measured under worst normal mode defined in 1.2.2.1 and as described in summary of testing and at voltages as described above.

2. With maximum ambient temperature declared at 40°C, and the minimum ambient temperature during all tests is 25.4 °C, the max. Temperature is calculate d as follows:

Winding components (with safety isolation):

- Class $B \rightarrow Tmax = 120$ °C - 10°C - 40°C + 25.4

3. Components with maximum absolute temperature of others:

- Tmax = Tmax of component – 40℃ + 25.4



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Temperature T of winding:	t₁ (℃)	R ₁ (Ω)	t₂ (℃)	R ₂ (Ω)	T (°C)	Allowed T _{max} (°C)	Insulation class
Supplementary information:							

4.6.1, 4.6.2	Table: enclo	osure openings		Р	
Location		Size (mm)	Comments		
External Plastic	enclosure				
Тор		Max. 2.5 by 2.3 to min. 5.6 by 2.1	Numerous rectangular openings provided.		
Others		None	No any openings.		
External plastic	enclosure at	vertical orientation			
RightMax. 2.5 by 2.3 to min. 5.6 by 2.1Numerous rectangular openings provide which were covered by external plastic enclosure.					
Others		None	No any openings.		
Note(s): Measure	ed on Type B	plastic enclosure.			

5.3	TABLE: Faul	t condition tests	S				Р
	Ambient temperature (°C) See below						
	Power source for EUT: ManuFacturer, model/type, output rating						
Component No.						ervation	
Test orientation:	Vertical						
Ventilation opening	g Blocked	264	1hr 29mins	F901	0.25	Max. temp T901 coil T901 core	= 71.7℃, è = 68.3℃, 26.8℃, no
 Supplementary information: 1). The temperature limit for Class B transformer T901 under single fault condition is 175-10-40+Tamb = Min. 151.8°C 2). Unit passed the electric strength tests after each fault condition test. 							

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Type Designation: Report Number:



Fig. 1_Front view with type B plastic enclosure



Fig. 2_Front view with type B plastic enclosure

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Type Designation: Report Number:



Fig. 3_Rear view with type B plastic enclosure



Fig. 4_Rear view with type B plastic enclosure

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Type Designation: Report Number:



Fig. 5_Power board component side (Type D)



Fig. 6_Power board trace side (Type D)

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Type Designation: Report Number:



Fig. 7_Main board component side (Model: 715G6124)



Fig. 8_Main board trace side (Model: 715G6124)