

NEC Display Solutions, Ltd.
Mr. Naohiko Shimazu, Senior Manager
Quality Assurance Department
4-28, Mita 1-chome, Minato-ku
Tokyo
108-0073 Japan

Date : 09.01.2017
Our ref. : LINSTE ZJ
Your ref.: 1140032233

Ref : CB Certificate Japan

Type of Equipment : LCD Monitor
Model Designation : See Certificate
Certificate No. : JPTUV-070031-A3
Report No. : 11045046 004

Dear Mr. Naohiko Shimazu,

Thank you very much for your interest in our services.

Please find enclosed your certification documents.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services.

Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body


Xuhua Liu

CC: Top Victory Electronics (Taiwan)

Enclosure



Ref. Certif. No.

JPTUV-070031-A3

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

LCD Monitor

Name and address of the applicant
Nom et adresse du demandeur

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

Name and address of the manufacturer
Nom et adresse du fabricant

NEC Display Solutions, Ltd.
4-28, Mita 1-chome, Minato-ku
Tokyo, 108-0073 Japan

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

AC 100-240V; 50/60Hz; 1) 3.8-1.6A; 2) 3.0-1.2A; 3) 2.6-1.1A
Class I

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

NEC

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

N/A

Model / Type Ref.
Ref. de type

X554UN, others refer to the test report.

Additional information (if necessary may also be
reported on page 2)
Les informations complémentaires (si nécessaire,
peuvent être indiqués sur la 2^{ème} page)

For model differences, refer to the test report.
Re-issue of JPTUV-070031-A2 dated 24.06.2016,
due to non-technical change.

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 + A2
See Test Report for National Differences

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

11045046 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

Date:

09.01.2017

Signature:

Xuhua Liu

1. TPV Display Technology (Wuhan)
Co., Ltd.
Unique No. 11, Zhuankou Development
District of Economic Technological
Development Zone, Wuhan City 430056, P.R. China
2. TPV Electronics (Fujian) Co., Ltd.
Shangzheng, Yuan Hong Road
Fuqing City, Fujian Province
P.R. China
3. Envision Industry of Electronic
Products Ltd.
Rodovia Anhanguera S/N-KM 49
Tijucó Preto-Jundiaí-SP-
13.205-700, Brazil
4. L&T Display Technology (Fujian) Ltd.
Optoelectronic Park, Rongqiao
Economic and Technological
Development Zone
Fuqing, Fujian 350301, P.R. China
5. Trend Smart CE Mexico S de RL de CV
Avenida Sor Juana Ines de la Cruz
de 19602 Nueva Tijuana,
22435 Tijuana Baja California
MEXICO
6. 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
7. Envision Industry of Electronic
Products Ltd.
Av Torquato Tapajós 7503,
Galpão : II Bloco: B-Condomínio
de Galpões-Tarumã-Manaus, AM, Brazil
8. TPV Technology (Qingdao)
Co., Ltd.
No.99 Huoju Road, High-tech
Industrial Development Zone
Qingdao City, Shandong Province, P.R. China
9. 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.: 11045046 004

Date: 09.01.2017

Signature:

Xuhua Liu



10. Hefei Huntkey Display Technology Co., Ltd.
South Jinxiu Road, East Qingtan Road
Economic And Technological
Development Zone, Hefei, Anhui 230601, P.R. China
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.
Av. Torquato Tapajós, 2236,
Flores - CEP 69058-830 - Manaus/AM
Brazil

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

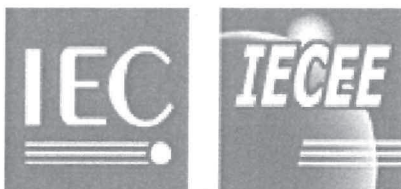
Report Ref. No.: 11045046 004

Date: 09.01.2017

Signature:

Xuhua Liu





Test Report issued under the responsibility of:



TÜVRheinland®

TEST REPORT

IEC 60950-1

Information technology equipment – Safety – Part 1: General requirements

Report Number. 11045046 004

Date of issue Jan. 06. 2017

Total number of pages 5

Applicant's name **Top Victory Electronics (Taiwan) Co., Ltd.**

Address 10F., No. 230, Liancheng Rd., Zhonghe Dist., New Taipei City,
23553 Taiwan

Test specification:

Standard IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013

Test procedure CB Scheme

Non-standard test method N/A

Test Report Form No. IEC60950_1F

Test Report Form(s) Originator SGS Fimko Ltd

Master TRF Dated 2014-02

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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.

General disclaimer:

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 CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.

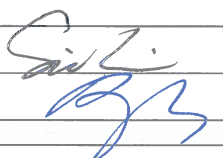
Test item description LCD Monitor

Trade Mark NEC

Manufacturer NEC Display Solutions, Ltd.
4-28, Mita 1-chome, Minato-ku, Tokyo, Japan

Model/Type reference 1) X554UN, X554UN(C), MultiSync X554UN, X554UNS,
X554UNS(C), X554UNV, X554UNS-2, **X554UNV-2**;
2) X464UN, X464UN(C), MultiSync X464UN, X464UNS,
X464UNS(C), X464UNS-2;
3) X464UNV, X464UNV(C), **X464UNV-3**

Ratings I/P: 100-240Vac, 50/60Hz, 1) 3.8-1.6A ; 2) 3.0-1.2A; 3) 2.6-1.1A

Testing procedure and testing location:		
☒	CB Testing Laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.
Testing location/ address		East of F/1, F/2~F/4, Building 1, Cybio Technology Building No. 6 Langshan No.2 Road, North Hi-tech Industry Park 518057 Shenzhen Nanshan District, CHINA
☐	Associated CB Testing Laboratory:	
Testing location/ address		
Tested by (name + signature)		Steven Lin
Approved by (name + signature)		Aegean Li
		
☐	Testing procedure: TMP/CTF Stage 1:	
Testing location/ address		
Tested by (name + signature)		
Approved by (name + signature)		
☐	Testing procedure: WMT/CTF Stage 2:	
Testing location/ address		
Tested by (name + signature)		
Witnessed by (name + signature)		
Approved by (name + signature)		
☐	Testing procedure: SMT/CTF Stage 3 or 4:	
Testing location/ address		
Tested by (name + signature)		
Witnessed by (name + signature)		
Approved by (name + signature)		
Supervised by (name + signature)		

List of Attachments (including a total number of pages in each attachment):

- N/A

Summary of testing:**Tests performed (name of test and test clause):**

- N/A

Testing location:

N/A

Summary of compliance with National Differences

See original report 11045046 001for the details.

Copy of marking plate

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.



Notes: See original reports 11045046 001-003 for others.

Test item particulars :	
Equipment mobility	: ☐ movable ☐ hand-held ☐ transportable ☒ stationary ☒ for building-in (when installed within a wooden box which provided by the manufacture) ☐ direct plug-in
Connection to the mains	: ☒ pluggable equipment ☒ type A ☐ type B ☐ permanent connection ☒ detachable power supply cord ☐ non-detachable power supply cord ☐ not directly connected to the mains
Operating condition	: ☒ continuous ☐ rated operating / resting time:
Access location	: ☒ operator accessible ☐ restricted access location
Over voltage category (OVC)	: ☐ OVC I ☒ OVC II ☐ OVC III ☐ OVC IV ☐ other:
Mains supply tolerance (%) or absolute mains supply values	: ± 10
Tested for IT power systems	: ☒ Yes ☐ No
IT testing, phase-phase voltage (V)	: 230 for Norway
Class of equipment	: ☒ Class I ☐ Class II ☐ Class III ☐ Not classified
Considered current rating of protective device as part of the building installation (A)	: 16 (20 for North America)
Pollution degree (PD)	: ☐ PD 1 ☒ PD 2 ☐ PD 3
IP protection class	: IP20
Altitude during operation (m)	: Up to 5000
Altitude of test laboratory (m)	: Less than 2000
Mass of equipment (kg)	: 1) approx. 29.01kg (Unit with handle); 4 handles: 0.4kg; one single base : 0.6kg (Base A), 1.09 kg (Base B); 1.97kg (external speaker)(for all 55 inch models) 2) approx. 22.44kg (Unit with handle); 4 handles: 0.4kg; one single base : 0.62 kg (Base C); 1.97kg (external speaker)(for all 46 inch models)
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 : Jan.03.2017	
Date(s) of performance of tests..... : N/A	

General remarks:

"(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 4.2.5 of IEC 60335-1:

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)..... : See original report 11045046 001 for the details.

General product information:

Description of change(s):

1. Add new model name X554UNV-2, which is identical to original model X554UN except for type designation.
2. Add new model name X464UNV-3, which is identical to original model X464UNV except for type designation.

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

Change	Testing	Comments
1.	- N/A	See copy of marking plate for details.
2.	- N/A	See copy of marking plate for details.

History of amendments and modifications:

Ref. No. 11045046 001, dated Feb. 14. 2016 (Original test report)
 Ref. No. 11045046 002, dated Jun. 14. 2016 (amendment)
 Ref. No. 11045046 003, dated Jun. 22. 2016 (amendment)
 Ref. No. 11045046 004, dated Jan. 06. 2017 (amendment)

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)