



Test Report issued under the responsibility of:



TEST REPORT IEC 60950-1 Information technology equipment – Safety – Part 1: General requirements	
Report Number.	11034686 003
Date of issue	Dec.27, 2013
Total number of pages	10
CB Testing Laboratory	TÜV Rheinland Taiwan Ltd., Taichung Laboratory.
Address	No. 9, Ln. 36, Sec. 3, Minsheng Rd., Daya District, Taichung City 428, Taiwan
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	NEC Display Solutions, Ltd.
Address	4-28, Mita 1-chome, Minato-ku, Tokyo, Japan
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	Dated 2012-08
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Test item description	LCD Monitor
Trade Mark	NEC
Manufacturer	See above manufacturer
Model/Type reference	1) X554UN, X554UN(C), MultiSync X554UN, X554UNS, X554UNS(C) ; 2) X464UN, X464UN(C), MultiSync X464UN 3) X464UNV, X464UNV(C)

Ratings	I/p: 1) 100-240Vac, 50/60Hz, 3.8-1.6 A 2) 100-240Vac, 50/60Hz, 3.0-1.2A 3) 100-240Vac, 50/60Hz, 2.6-1.1A
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Testing procedure and testing location:		
☒	CB Testing Laboratory:	Refer to page 1
Testing location/ address		Refer to page 1
☐	Associated CB Laboratory:	
Testing location/ address		
Tested by (name + signature)		Steven Lin
Approved by (name + signature)		Aegean Li
☐	Testing procedure: TMP	
Testing location/ address		
Tested by (name + signature)		
Approved by (name + signature)		
☐	Testing procedure: WMT	
Testing location/ address		
Tested by (name + signature)		
Witnessed by (name + signature)		
Approved by (name + signature)		
☐	Testing procedure: SMT	
Testing location/ address		
Tested by (name + signature)		
Approved by (name + signature)		
Supervised by (name + signature)		
☐	Testing procedure: RMT	
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):

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 11034686 002.

Copy of marking plate:

The above labels are 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.

NEC

MultiSync X464UNV

VOLTS 定格電圧: 100-240V~, AMPERES 定格電流: 2.6-1.1A (2,6-1,1A)
 FREQUENCY 定格周波数: 50/60Hz

CAUTION: TO PREVENT ELECTRIC SHOCK, DO NOT REMOVE THE ENCLOSURE.
 NO USER-SERVICEABLE PARTS INSIDE.

ATTENTION: AFIN DE PREVENIR DE TOUT CHOC ELECTRIQUES, NE PAS OUVRIR
 CE BOITIER. AUCUNE PIECE INTERNE NE PEUT-ETRE CHANGEE PAR L'UTILISATEUR.

ACHTUNG: ZUR TRENNUNG VOM NETZ IST DER NETZSTECKER AUS DER
 STECKDOSE ZU ZIEHEN. GERÄT NICHT ÖFFNEN. ES SIND KEINE DURCH DEN
 BENUTZER AUSWECHSELBAREN TEILE IM GERÄT VORHANDEN.

PRECAUCIÓN: PARA PREVENIR DESCARGA ELÉCTRICA, NO quite EL
 RECINTO. NINGUNAS PIEZAS DEL USUARIO SERVICABLE ADENTRO.

VARNING: APPARATEN SKALL ANSLUTAS TILL JORDAT UTTAG.

VAROITUS: LAITE ON LITETTÄVÄ SUOJAMAADOITUSKOSKETTIMILLA
 VARUSTETTUUN PISTORASIAAN.

ADVARSEL: APPARATET MÅ TILKOPLES JORDET STIKKONTAKT.
CAN ICES-3(A) / NMB-3(A)

この装置は、クラスA情報技術装置です。この装置を家庭環境で使用すると
 電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を
 講ずるよう要求されることがあります。

VCCI-A

THIS DEVICE COMPLIES WITH PART15 OF THE FCC RULES. OPERATION IS SUBJECT
 TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL
 INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED,
 INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

LCD MONITOR
 (Model :X464UNV)

For Japan only

警告

高圧注意
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 ください。内部には高電圧部分が
 あり、万一さわると危険です。

感電注意
 電源コードのアースリード線は必ず
 接続ください。故障のときに感電の
 原因になります。

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TÜV Rheinland
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TÜV
 Argentina S.A.

HDMI

NECディスプレイソリューションズ株式会社
 NEC Display Solutions, Ltd.
 4-28, Mita 1-chome, Minato-ku, Tokyo, Japan

MADE IN CHINA

NEC MultiSync X464UNV

VOLTS 定格電圧 輸入電圧: 100-240V~,
 AMPERES 定格電流 電流: 2.6-1.1A (2.6-1.1A)
 FREQUENCY 定格周波数 工作頻率: 50/60Hz

CAUTION: TO PREVENT ELECTRIC SHOCK, DO NOT REMOVE THE ENCLOSURE.
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PRECAUCIÓN: PARA PREVENIR DESCARGA ELÉCTRICA, NO quite el RECIPTO. NINGUNAS PIEZAS DEL USUARIO SERVICABLE ADENTRO.

VARNING: APPARATEN SKALL ANSLUTAS TILL JORDAT UTTAG.

VAROITUS: LAITE ON LITETTÄVÄ SUOJAMAADOITUSKOSKETTIMILLA VARUSTETTUUN PISTORASIAAN.

ADVARSEL: APPARATET MÅ TILKOPLES JORDET STIKKONTAKT.

注意: 請勿打開後蓋, 小心高壓電擊。機內並無用戶配件。
 注意: 請勿打開後蓋, 小心高壓電擊。機內並無用戶配件。

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사용상 주의사항 감전의 위험 및 제품의 손상이 발생할 수 있으므로 제품의 커버를 열지 마십시오.

인증 서비스 센터 전화 번호: 02-2102-8592 (호성ITX주식회사)

* 본 라벨과 전화번호는 국내 규정 내에서 적절한 목적으로만 사용되어야 합니다.

LCD MONITOR

彩色顯示器 液晶顯示器
 모니터 (46인치 LCD 모니터)
 (Model/型号/型號/모델명: X464UNV)






For Japan only


警告
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感電注意
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 XXXXXXXX-XXXXXX
 MSP-REM-TPV-X464UNV


 TÜV Rheinland
 CERTIFIED
 COMPLIANT
 TO
 EN 60950


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 PS
 E

NECディスプレイソリューションズ株式会社
 NEC Display Solutions, Ltd.
 日本国東京都港区三田一丁目4番28号
 4-28, Minato 1-chome, Minato-ku, Tokyo, Japan

Manufacturing factory: TPV Electronics (Fujian) Co., Ltd.
 Applicant: op Victory Electronics (Fujian) Co., Ltd.
 生產廠: 福建捷聯電子有限公司
 生產廠: 福建捷聯電子有限公司
 生產地址: 福建省福清市元洪路上郊

MADE IN CHINA 中國製造

生產廠: 福建捷聯電子有限公司
 生產地址: 福建省福清市元洪路上郊

NEC

MultiSync X554UNS

VOLTS 定格電圧: 100-240V~, AMPERES 定格電流: 3.8-1.6A (3.8-1.6A)
 FREQUENCY 定格周波数: 50/60Hz

CAUTION: TO PREVENT ELECTRIC SHOCK, DO NOT REMOVE THE ENCLOSURE.
 NO USER-SERVICEABLE PARTS INSIDE.

ATTENTION: AFIN DE PREVENIR DE TOUT CHOC ELECTRIQUES, NE PAS OUVRIR
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VARNING: APPARATEN SKALL ANSLUTAS TILL JORDAT UTGÅG.

VAROITUS: LAITE ON LITETTÄVÄ SUOJAMAADOITUSKOSKETTIMILLA
 VARUSTETTUUN PISTORASIAAN.

ADVARSEL: APPARATET MÅ TILKOPLES JORDET STIKKONTAKT.
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 (Model :X554UNS)

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HDMI

NECディスプレイソリューションズ株式会社
 NEC Display Solutions, Ltd.
 4-28, Mita 1-chome, Minato-ku, Tokyo, Japan



MADE IN CHINA



NEC MultiSync X554UNS **LCD MONITOR**
 彩色顯示器 液晶显示器
 모니터 (55인치 LCD 모니터)
 (Model/型号/型號/모델명: X554UNS)

VOLTS 定格電壓 輸入電壓: 100-240V~, AMPERES 定格電流 電流: 3.8-1.6A (3.8-1.6A)
 FREQUENCY 定格周波數 工作頻率 工作頻率: 50/60Hz

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인증 서비스 센터 전화 번호: 02-2102-8592 (효성ITX주식회사)

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MSIP-REM-TPV-X554UNS

MADE IN CHINA 中国制造 中国製造

Manufacturing factory: TPV Electronics(Fujian)Co., Ltd.
 Applicant: Top Victory Electronics(Fujian)Co., Ltd.
 生產廠: 福建捷聯電子有限公司
 生產廠: 福建捷聯電子有限公司
 生產地址: 福建省福清市元洪路上鄭

NECディスプレイソリューションズ株式会社
 NEC Display Solutions, Ltd.
 日本国東京都港区三田一丁目4番28号
 4-28, Minato 1-chome, Minato-ku, Tokyo, Japan

NEC MultiSync X554UNS **LCD MONITOR**
 液晶显示器
 (Model/型号: X554UNS(C))

VOLTS 輸入電壓: 100-240V~, AMPERES 電流: 3.8-1.6A
 FREQUENCY 工作頻率: 50/60 Hz

CAUTION: TO PREVENT ELECTRIC SHOCK, DO NOT REMOVE THE ENCLOSURE.
 NO USER-SERVICEABLE PARTS INSIDE.

注意: 請勿打開後蓋, 小心高壓電擊, 機內並無用戶配件。

MADE IN CHINA 中国制造

生產廠: 福建捷聯電子有限公司
 生產地址: 福建省福清市元洪路上鄭

NEC Display Solutions, Ltd.
 日本国東京都港区三田一丁目4番28号

See others in original reports 11034686 001-002.

Test item particulars:	
Equipment mobility.....:	☐ movable ☐ hand-held ☐ transportable ☒ stationary ☐ for building-in ☐ 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	IPX0
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 (or N)	
- test object does meet the requirement..... : P (Pass)	
- test object does not meet the requirement..... : F (Fail)	
Testing:	
Date of receipt of test item.....:	Dec. 2013
Date(s) of performance of tests.....:	N/A

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 IEC60950-1:

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 11034686 002.

General product information:

Description of change(s):

1. Add alternative models X464UNV and X464UNV(C), which is identical to original model X464UN except for type designation and different input rating "100-240Vac, 50/60Hz, 2.6-1.1A" used.
2. Add alternative models X554UNS and X554UNS(C), which is identical to original model X554UN except for type designation.

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

Change	Testing	Comments
1..	N/A	Re-evaluate table 1.6.2 in 11034686 002 using new input current rating. The original input test data didn't exceed the rated current by 10%, no further test necessary.
2.	N/A	N/A

History of amendments and modifications:

Ref. No. 11034686 001, dated Oct., 3rd, 2013 (original test report)

Ref. No. 11034686 002, dated Nov., 15th, 2013 (modification)

Ref. No. 11034686 002, dated Dec., 27th, 2013 (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).....