Prüfbericht-Nr.: *Test Report No.:*	**CN22V1GV 001**	**Auftrags-Nr.:** *Order No.:*	168389439	Seite 1 von 30 *Page 1 of 30*
Kunden-Referenz-Nr.: *Client Reference No.:*	2086647	**Auftragsdatum:** *Order date.:*	25 Jul. 2022	
Auftraggeber: *Client:*	Shenzhen MTC Co., Ltd. MTC Industry Park, 1st Lilang Road, Xialilang community, Nanwan street, Longgang District, Shenzhen, Guangdong, P.R. China			
Prüfgegenstand: *Test item:*	LCD Monitor			
Bezeichnung / Typ-Nr.: *Identification / Type No.:*	E274F, E274F-BK, AS274F, AS274F-BK, E274F-**, AS274F-** (* can be A-Z, 0-9 or "-" or blank, which is for marketing purpose, no EMC affected)			
Auftrags-Inhalt: *Order content:*	TUV Rheinland - EMC service			
Prüfgrundlage: *Test specification:*	EN 55032:2015+A11:2020 EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-2:2014 EN 61000-3-3:2013+A1:2019+A2:2021, EN 61000-3-3:2013 EN 55035:2017+A11:2020			

Wareneingangsdatum: *Date of receipt:*	25 Jul. 2022
Prüfmuster-Nr.: *Test sample No.:*	A003311228-001
Prüfzeitraum: *Testing period:*	Refer to test report
Ort der Prüfung: *Place of testing:*	Refer to section 2.1
Prüflaboratorium: *Testing laboratory:*	TÜV Rheinland (Shenzhen) Co., Ltd.
Prüfergebnis*: *Test result*:*	Pass

geprüft von:
tested by: Tiger Su

Datum:
Date: 2022-09-21

Stellung / Position**:** Assistant Manager

genehmigt von:
authorized by: Felix Tao

Ausstellungsdatum:
Issue date: 2022-09-21

Stellung / Position: Reviewer

Sonstiges / *Other:* Trade Mark: NEC

Zustand des Prüfgegenstandes bei Anlieferung: Prüfmuster vollständig und unbeschädigt
Condition of the test item at delivery: *Test item complete and undamaged*

* Legende:	1 = sehr gut	2 = gut	3 = befriedigend	4 = ausreichend	5 = mangelhaft
	P(ass) = entspricht o.g. Prüfgrundlage(n)		F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
** Legend:*	*1 = very good*	*2 = good*	*3 = satisfactory*	*4 = sufficient*	*5 = poor*
	P(ass) = passed a.m. test specification(s)		*F(ail) = failed a.m. test specification(s)*	*N/A = not applicable*	*N/T = not tested*

TEST SUMMARY

5.1.1 HARMONICS ON AC MAINS
Not Applicable

5.1.2 VOLTAGE FLUCTUATIONS ON AC MAINS
RESULT: Pass

5.1.3 MAINS TERMINAL CONTINUOUS DISTURBANCE VOLTAGE
RESULT: Pass

5.2.1 RADIATED EMISSION (BELOW 1GHZ)
RESULT: Pass

5.2.2 RADIATED DISTURBANCE (ABOVE 1GHZ)
RESULT: Pass

6.2.1 CONTINUOUS RF ELECTROMAGNETIC FIELD DISTURBANCES, SWEPT TEST
RESULT: Pass

6.2.2 CONTINUOUS RF ELECTROMAGNETIC FIELD DISTURBANCES, SPOT TEST
RESULT: Pass

6.2.3 RADIO-FREQUENCY CONTINUOUS CONDUCTED (CS)
RESULT: Pass

6.3.1 FAST TRANSIENTS (EFT)
RESULT: Pass

6.3.2 SURGE
RESULT: Pass

6.3.3 ELECTROSTATIC DISCHARGES (ESD)
RESULT: Pass

6.4.1 VOLTAGE DIP AND INTERRUPTIONS
RESULT: Pass

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1. General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix 1: Test result

Appendix 2: Measurement uncertainties

2. Test Sites

2.1 Test Facilities

TÜV Rheinland (Shenzhen) Co., Ltd. Testing Center
No. 362 Huanguan Road Middle, Longhua District, 518110, Shenzhen, P.R. China

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
Conducted Emission				
EMI Test Receiver	R&S	ESR3	102680	2023-02-27
Artificial Mains Network	R&S	ENV216	101445	2023-02-27
Artificial Mains Network	R&S	ENV432	101546	2023-02-27
EMC32 test software	R&S	EMC32(Ver.10.50.00)	N/A	N/A
Radiated Emission				
10m SAC	ETS-Lindgren	SAC10	CT001632-Q1399	2024-03-01
EMI Test Receiver 1	R&S	ESR7	102022	2023-07-31
EMI Test Receiver 2	R&S	ESR7	102023	2023-07-31
Bilog Antenna 1	TESEQ	CBL6112D	51321	2023-08-08
Bilog Antenna 2	TESEQ	CBL6112D	51322	2023-07-07
Preamplifier 1 (30-1000MHz)	SCHWARZBECK	BBV9745	115	2023-08-01
Preamplifier 2 (30-1000MHz)	EMCI	EMC9135-P	980629	2023-08-01
Preamplifier 3 (1-18GHz)	FIT	SCU-18F	180076	2023-08-01
Horn Antenna	R&S	HF907	102707	2023-07-03
EMC32 test software	R&S	EMC32(Ver.10.50.00)	N/A	N/A
ESD				
ESD Tester	TESEQ	NSG-437	1282	2023-08-02
EFT/Surge/Voltage Dips & Interruptions				
EFT/Surge/Voltage Dips & Interruption Main test unit	EMTest	compact NX5 bspt-1-300-16	P1807214329	2023-07-31
Capacitive Coupling Clamp	EMTest	CCI	P1827221599	2023-07-31
Variac	EMTest	Variac NX-1-260-16	P1828221789	2023-07-31
PFMF Generator	EMTest	MC 2630	P1816215107	2023-08-01
PFMF Magnetic antenna	EMTest	MS 100N	P1832222236	2023-07-31
Coupling Decoupling Network for Telecommunication port	EMTest	CNV508T5	P1806214115	2023-07-31

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
EMC 4 IN 1 system test software	EMTest	Iec.control (V4.0.0)	N/A	N/A
Radio Frequency Electromagnetic Field				
3m FAC	ETS-Lindgren	FAC3	CT001632-Q1360	2024-04-26
Signal Generator	R&S	SMB100A	115183	2023-07-31
Power Amplifier	R&S	BBA150-BC250	103102	2023-08-01
Power Amplifier	R&S	BBA150-D110E100	103117	2023-08-01
NRP6AN Average power sensor	R&S	NRP6AN	101161	2023-08-01
NRP6AN Average power sensor	R&S	NRP6AN	101162	2023-08-01
Stacked double Log.-Per. Antenna1825022	SCHWARZBECK	STLP 9128E	0153	2023-01-21
Stacked Log.-Per. Antenna	SCHWARZBECK	STLP 9149	00520	2023-01-21
Laser Probe Interface	rf/microwave	FI7000	0351048	2023-08-08
Electric Field Probe Kit	rf/microwave	FL7006/KIT	0350352/0351122	
EMC32 test software	R&S	EMC32(Ver.10.30.01)	N/A	N/A
Conducted Disturbances by Radio Frequency Fields				
Conducted Immunity Test System	Teseq	NSG 4070	51350	2023-08-01
6 dB Attenuator	Teseq	100W6dB	/	2023-08-01
COUPLING AND DECOULPING NETWORK	Teseq	CDN M016	51055	2023-08-01
COUPLING AND DECOULPING NETWORK	Teseq	CDN M016	51056	2023-08-01
COUPLING AND DECOULPING NETWORK	Teseq	CDNE M210	51964	2023-08-01
COUPLING AND DECOULPING NETWORK	Teseq	CDNE M310	50933	2023-08-01
COUPLING AND DECOULPING NETWORK	Teseq	CDN T800	49430	2023-08-01
Attenuation clamp	Teseq	KEMA 801A	50790	2023-03-24
EM Clamp	Teseq	KEMZ 801A	51287	2023-03-24

3. General Product Information

3.1 Product Function and Intended Use

The EUT is LCD Monitor, which is used for connecting the personal computer with Display port, HDMI port and VGA port+audio port. All models are identical to each other except type designation. Details refer to User manual and Circuit diagram.

3.2 Ratings and System Details

Rated input voltage: 100-240V~
Frequency: 50/60Hz
Rated input current: 0.5-0.3A

3.3 Independent Operation Modes

The basic operation modes are:

A. On(Running 1kHz color bar signal and with/without headphone output)
   1. VGA+PC Audio in
   2. DP input
   3. HDMI input

B. Off

3.4 Input / Output Ports

Port #	Name	Type*	Cable Max. >3m	Cable Shielded	Comments
0	Enclosure	N/E	No	--	None
1	Mains	AC	No	Unshielded	None
2	Display port	I/O	No	Shielded	None
3	HDMI port	I/O	No	Shielded	None
4	VGA port	I/O	No	Shielded	None

5	Audio In port	I/O	No	Unshielded	None
6	Headphone port	I/O	No	Unshielded	None

*AC = AC Power Port DC = DC Power Port N/E = Non-Electrical
I/O = Signal Input or Output Port (Not Involved in Process Control)

3.5 Noise Generating and Noise Suppressing Parts

Sources of Interference:
1) IC Circuits
2) Transformer
3) Transistor
Others refer to the Circuit Diagram/Photo Document for details.

Noise Suppressing Parts:
1) Inductor
2) Capacitor
Others refer to Circuit Diagram/Photo Document for details.

3.6 Submitted Documents

- Rating Label
- User Manual
- Circuit Diagram
- PCB Layout

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

Immunity: The equipment under test (EUT) was configured to have its highest possible susceptibility against the tested phenomena. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in section 5 & 6. Tests were applied to model E274F-BK only. Pre-test in different resolution and find out the worst case for compliance test (1920 x 1080@60Hz).

4.3 Special Accessories and Auxiliary Equipment

The sample was tested together with the following accessories:

Use*	Product Type	Manufacturer	Model	Remark
AE	Personnal Computer	Lenovo	ThinkCenter M910t	S/N:M70760G2 (used for VGA input)
AE	Personnal Computer	DELL	OptiPlex 3050 SFF	S/N: BQJFDK2 (used for DP or HDMI input)
AE	Mouse	DELL	MS116t	S/N: CN-0DV0RH-LO300-82C-16PM
AE	keyboard	DELL	KB4021	--

Abbreviations:
EUT - Equipment Under Test,
AE - Auxiliary/Associated Equipment, or
SIM - Simulator (Not Subjected to Test)

The sample was tested with following cables:

Cable name	Length (m)	Shielded	Detachable	With ferrite core	Equipped (for marketing)
AC Power Cord	1.8	No	Yes	No	Yes
VGA	1.5	Yes	Yes	Yes	No
HDMI	1.8	Yes	Yes	No	No
Display	1.8	Yes	Yes	No	Yes
Audio in	1.5	No	Yes	No	No

4.4 Countermeasures to achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

5. Test Results EMISSION

5.1 Emission in the Frequency Range up to 30 MHz

5.1.1 Harmonics on AC Mains

Not Applicable

Date of testing	:	--
Test procedure	:	EN IEC 61000-3-2:2019+A1 EN 61000-3-2:2014
Class	:	D

Remark：
The EUT's rated power is less than 75W and does not belong to lighting equipment, therefore harmonic current test is not applicable in accordance with Clause 7 of EN IEC 61000-3-2:2019+A1 & EN 61000-3-2:2014.

5.1.2 Voltage Fluctuations on AC Mains

RESULT: **Pass**

Test procedure	:	EN 61000-3-3:2013+A1+A2 EN 61000-3-3:2013
Limit	:	Clause 5
Frequency range	:	0 - 2kHz

Based on the EUTs' working principle, and the max.rated input power of the EUTs is less than 75W, which unlikely to produce significant voltage fluctuation. Therefore no test was applied.

See clause 6.1***

*** EN 61000-3-3:2013+A1+A2 & EN 61000-3-3:2013, clause 6.1: "... Tests need not be made on equipment which is unlikely to produce significant voltage fluctuations or flicker. ..."

5.1.3 Mains Terminal Continuous Disturbance Voltage

RESULT: **Pass**

Date of testing	:	Refer to Appendix 1
Test standard	:	EN 55032:2015+A11
Frequency range	:	0.15 - 30MHz
Classification	:	Class B
Limits	:	Table A.10
Kind of test site	:	Shielded room

Test setup

Input Voltage	:	AC 240V/50Hz,100V/60Hz
Operation Condition	:	According to clause C.3.5 & Annex D of EN 55032:2015+A11
Operation mode	:	A
Artificial hand	:	Not applied
Earthing	:	Connected
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	101kPa

Detailed test data refer to attached Appendix 1.

5.2 Emission in the Frequency Range above 30 MHz

5.2.1 Radiated Emission (Below 1GHz)

RESULT: **Pass**

Date of testing	:	Refer to Appendix 1
Test standard	:	EN 55032:2015+A11
Frequency range	:	30 - 1000MHz
Classification	:	Class B
Limits	:	Table A.4
Kind of test site	:	10m Semi-anechoic chamber

Test setup:

Input Voltage	:	AC 240V/50Hz,100V/60Hz
Operation Condition	:	According to Annex B, C & D of EN 55032:2015+A11
Operation mode	:	A
Earthing	:	Connected
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	101kPa

Method: Measurements were made in a 10-meter semi-anechoic chamber or Open Area Test Site that complies to CISPR 16. Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 10 meter below 1GHz and 3 meter above 1GHz. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in horizontal and vertical polarities. Final measurements (quasi-peak detector below 1GHz) were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4 m. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable.

Detailed test data refer to attached Appendix 1.

5.2.2 Radiated Disturbance (Above 1GHz)

RESULT: **Pass**

Date of testing	:	Refer to Appendix 1
Test standard	:	EN 55032:2015+A11
Frequency range	:	1 – 6GHz
Classification	:	Class B
Limits	:	Table A.5 of EN 55032:2015+A11
Kind of test site	:	3m Semi-Anechoic Chamber with RF absorber on the RGP
Tested Port	:	Enclosure

Test setup

Input Voltage	:	AC 240V/50Hz,100V/60Hz
Operation Condition	:	According to Annex B, C & D of EN 55032:2015+A11
Operation mode	:	A
Earthing	:	Connected
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	101kPa

Method: Measurements were made in a 10-meter semi-anechoic chamber or Open Area Test Site that complies to CISPR 16. Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 10 meter below 1GHz and 3 meter above 1GHz. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in horizontal and vertical polarities. Final measurements (average detector above 1GHz) were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4 m. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable.

Detailed test data refer to attached Appendix 1

6. Test Results IMMUNITY

6.1 Classification of apparatus

According to EN 55035: 2017+A11, the EUTs shall be tested in accordance with clause 4 & 5, and comply with the performance criterion in table 1, 2 & 4 of clause 5.

Continuous Disturbance

Continuous RF electromagnetic field disturbances swept test, spot test	**Criterion A**
Radio-Frequency Continuous Conducted	**Criterion A**
Power Frequency Magnetic Fields *	**Criterion A**

Transient Disturbance

Fast Transients (EFT)	**Criterion B**
Surge	**Criterion B**
Electrostatic Discharges (ESD)	**Criterion B**

Power supply Alterations

Voltage Dips, >95% reduction, 0.5 period	**Criterion B**
30% reduction, 25 periods at 50Hz	**Criterion C**
30% reduction, 30 periods at 60Hz	**Criterion C**
Voltage Interruptions, >95% reduction, 250 periods at 50Hz	**Criterion C**
>95% reduction, 300 periods at 60Hz	**Criterion C**

Remark:

*The EUTs don't contain devices susceptible to magnetic fields, therefore the Power-Frequency Magnetic Fields test is not necessary.

The length of the signal cables is less than 3m normally and for indoor use only, hence CS, EFT & surge tests are not applicable to these signal port.

6.2 Continuous Disturbances

6.2.1 Continuous RF electromagnetic field disturbances, swept test

RESULT: **Pass**

Date of Testing	:	2022-08-11
Test Specification	:	EN 55035:2017+A11
Basic Standard	:	IEC 61000-4-3:2006+A1+A2
Criterion	:	A (Clause 8 and Annex G of EN 55035:2017+A11)
Frequency Range	:	80 - 1000MHz
Test Level	:	3V/m (Unmodulated, r.m.s.)
Modulation	:	AM 80%, 1kHz sine-wave

Test setup

Input Voltage	:	AC 230V/50Hz,100V/60Hz
Operation Mode	:	A
Earthing	:	Connected
Ambient temperature	:	23.5ºC
Relative humidity	:	50.1%
Atmospheric pressure	:	101 kPa

Table 2: Immunity against RF electromagnetic field disturbances, swept test

Frequency (MHz)	Field Strength (V/m)	Polarization of antenna	Audio output	Limit	Interference Ratio (worst case)	Result
80MHz-1000MHz	3V/m (rms)	H	Earphone /Speaker	≤ 0dB (for devices supporting telephony); ≤ -20dB (for other devices)	-35.112	Pass
		V	Earphone /Speaker		-35.285	
Note: Operating as intended, no degradation detected during and after testing.						

6.2.2 Continuous RF electromagnetic field disturbances, spot test

RESULT: **Pass**

Date of Testing	:	2022-08-11
Test Specification	:	EN 55035:2017+A11
Basic Standard	:	IEC 61000-4-3: 2006+A1+A2
Criterion	:	A (Clause 8 and Annex G of EN 55035:2017+A11
Frequency Range	:	1800MHz, 2600MHz, 3500MHz, 5000MHz
Test Level	:	3V/m (Unmodulated, r.m.s.)
Modulation	:	AM 80%, 1kHz sine-wave

Test setup

Input Voltage	:	AC 230V/50Hz,100V/60Hz
Operation Mode	:	A
Earthing	:	Connected
Ambient temperature	:	23.5ºC
Relative humidity	:	50.1%
Atmospheric pressure	:	101 kPa

Table 3: Immunity against RF electromagnetic field disturbances, spot test

Frequency (MHz)	Field Strength (V/m)	Polarization of antenna	Audio output	Limit	Interference Ratio (worst case)	Result
1800MHz, 2600MHz, 3500MHz, 5000MHz	3V/m (rms)	H	Earphone /Speaker	≤ 0dB (for devices supporting telephony); ≤ -20dB (for other devices)	-35.825	Pass
		V	Earphone /Speaker		-35.627	
Note: Operating as intended, no degradation detected during and after testing.						

6.2.3 Radio-Frequency Continuous Conducted (CS)

RESULT: **Pass**

Date of testing	:	2022-08-11
Test Specification	:	EN 55035:2017+A11
Basic Standard	:	IEC 61000-4-6:2008
Criterion	:	A (Clause 8 and Annex G of EN 55035:2017+A11
Frequency range	:	0.15 - 80 MHz*
Source impedance	:	150Ω
Test level	:	3V, 3 to 1V, 1V (unmodulated, r.m.s.)
Modulation	:	AM 80%, 1kHz sine-wave
Sweep mode	:	automatic
Sweep rate	:	$< 1.5 \times 10^{-3}$ decade / sec.
Tested port	:	AC mains, LAN, HDMI

Test setup

Input Voltage	:	AC 230V/50Hz,100V/60Hz
Operation Mode	:	A
Earthing	:	Connected
Ambient temperature	:	23.5ºC
Relative humidity	:	50.1%
Atmospheric pressure	:	101 kPa

Table 4: Immunity against Radio-frequency Common Mode / Conducted Susceptibility (CS)

Ports	Frequency Range	Test Level	Audio output	Limit	Interference Ratio (worst case)	Result
AC mains	150kHz-10MHz	3V (rms)	Earphone /Speaker	≤ -20dB	-35.613	Pass
	10MHz-30MHz	3V to 1V (rms)		≤ -20dB	-35.452	Pass
	30MHz-80MHz	1V (rms)		≤-10dB (for devices supporting telephony); ≤ -20dB (for other devices)	-35.428	Pass
Note: Operating as intended, no degradation detected during and after testing.						

6.3 Transient Disturbances

6.3.1 Fast Transients (EFT)

RESULT: **Pass**

Date of testing	:	2022-08-11
Test Specification	:	EN 55035:2017+A11
Basic Standard	:	IEC 61000-4-4:2012
Criterion	:	B
Test level	:	±1kV(AC Mains)
Test duration	:	120sec
Rise time	:	5/50ns
Repetition frequency	:	5 kHz
Tested port	:	AC mains

Test setup

Input Voltage	:	AC 230V/50Hz,100V/60Hz
Operation Mode	:	A
Earthing	:	Connected
Ambient temperature	:	23.5ºC
Relative humidity	:	50.1%
Atmospheric pressure	:	101 kPa

Table 5: Immunity against Electrical Fast Transients (EFT), on AC Power Ports

Coupling Method: Direct Injection			
Coupling Port	**Test Voltage / Result**		**Remark**
AC mains: L1 (**L**), L2 (**N**), PE	±1000V	Pass	EUT operated as intended, no degradation of function.

6.3.2 Surge

RESULT: **Pass**

Date of testing	:	2022-08-11
Test Specification	:	EN 55035:2017+A11
Basic Standard	:	IEC 61000-4-5:2005
Criterion	:	B
Source impedance	:	2Ω, 12Ω
Test level	:	±0.5kV, ±1kV, ±2kV
Coupling phases	:	90°, 270°
Number of surges	:	5 (for each combination of parameters)
Repetition rate	:	Max. 1/min
Tested port	:	AC mains

Test Setup

Input Voltage	:	AC 230V/50Hz,100V/60Hz
Operation Mode	:	A
Earthing	:	Connected
Ambient temperature	:	23.5ºC
Relative humidity	:	50.1%
Atmospheric pressure	:	101 kPa

Table 6: Surge Immunity Tests, on AC Power Ports

Coupling Port	Test Voltage	Coupling Phase	Result	Remark
AC mains: L1 (**L**) - L2 (**N**) Differential (Line to Line)	±500V ±1000V	π/2, 3π/2	Pass	EUT operated as intended, no degradation of function.
AC mains: L1 (**L**) - **PE** Common (Line to Ground)	±500V ±1000V ±2000V	π/2, 3π/2	Pass	EUT operated as intended, no degradation of function.
AC mains: L2 (**N**) - **PE** Common (Line to Ground)	±500V ±1000V ±2000V	π/2, 3π/2	Pass	EUT operated as intended, no degradation of function.

Remark: Since the EUT is used in indoor environment, and have no port which according to manufacturer's specification may connect directly to outdoor cable, therefore surge on signal port is not applicable.

6.3.3 Electrostatic Discharges (ESD)

RESULT: **Pass**

Date of testing	:	2022-08-11
Test Specification	:	EN 55035:2017+A11
Basic Standard	:	IEC 61000-4-2:2008
Criterion	:	B
Discharge voltage	:	±2.0kV, ±4.0kV, ±8.0kV (air discharge) ±4.0kV (contact discharge)
Number of discharges	:	>10

Test Setup

Input Voltage	:	AC 230V/50Hz,100V/60Hz
Operation Mode	:	A
Earthing	:	Connected
Ambient temperature	:	23.5ºC
Relative humidity	:	50.1%
Atmospheric pressure	:	101 kPa

Table 7: Electrostatic Discharges (ESD), both Polarities

Discharge Points	Type of Discharge	Result	Remark
All non-conducted enclosure & seams	Air	Pass	The screen was flickered during testing, and EUT could automatically resume operating as intended after testing.
All conducted enclosure	Contact	Pass	
HCP& VCP	Contact	Pass	
Remark: VCP- Vertical Coupling Plane; HCP- Horizontal Coupling Plane			

6.4 Power Supply Alterations

6.4.1 Voltage Dip and Interruptions

RESULT: **Pass**

Date of testing	:	2022-08-11
Test Specification	:	EN 55035:2017+A11
Basic Standard	:	IEC 61000-4-11:2004
Criterion	:	B & C

Test Setup

Input Voltage	:	AC 230V/50Hz,100V/60Hz
Operation Mode	:	A
Earthing	:	Connected
Ambient temperature	:	23.5ºC
Relative humidity	:	50.1%
Atmospheric pressure	:	101 kPa

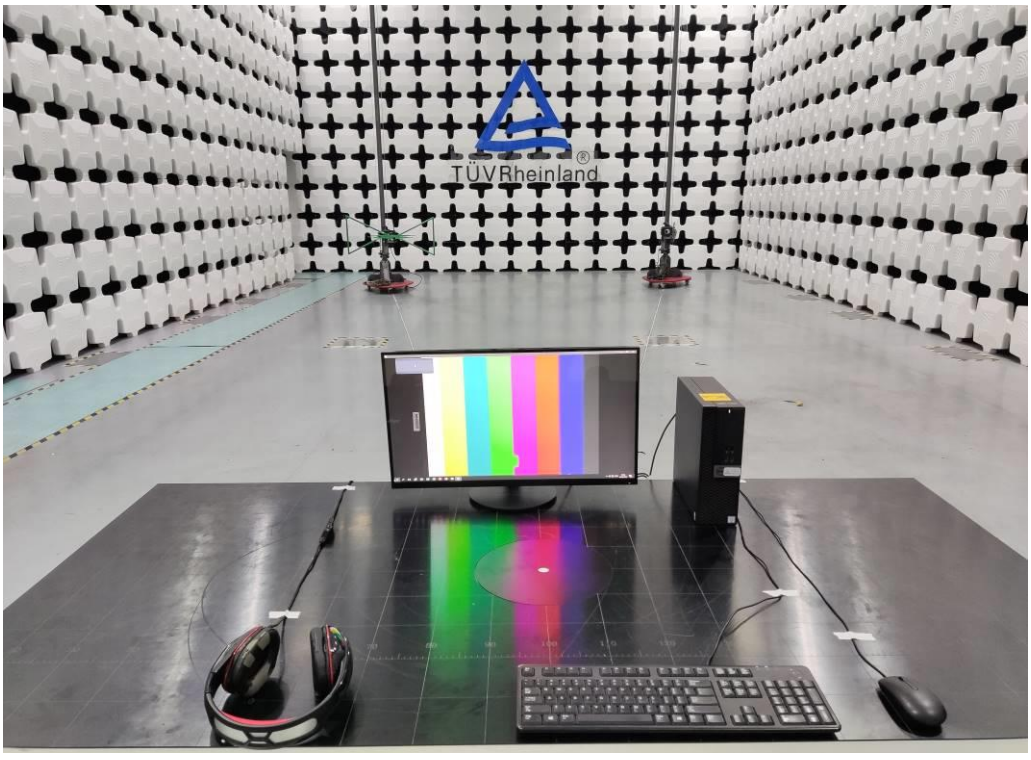
Table 8: Voltage Dip and Interruptions

Voltage Reduction	Number of cycles	Interval	Rep. Times	Criterion	Result
100%	0.5	10s	3	B	Pass
30%	25 for 50Hz 30 for 60Hz	10s	3	C	Pass
100%	250 for 50Hz 300 for 60Hz	10s	3	C	Pass
Remark: During voltage interruptions testing, the EUT was powered off, resume normal after testing automatically. For other test levels, operating as intended, no degradation detected during and after testing.					

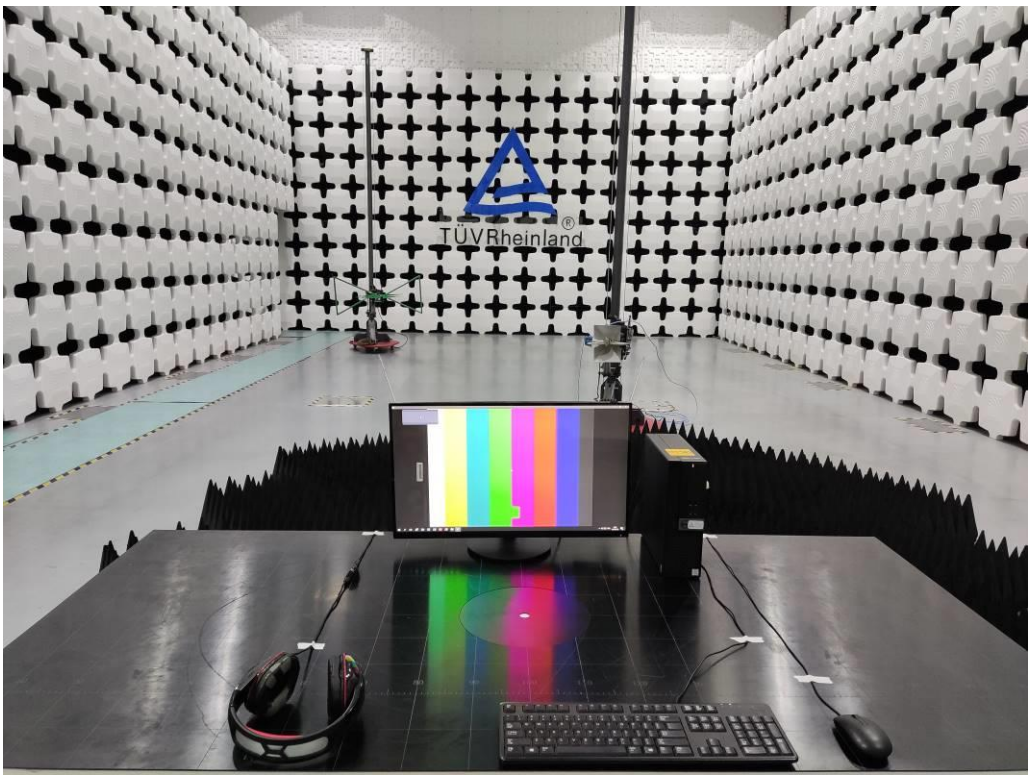
7. Photographs of the Test Set-Up

Photograph 1: Set-up for Conducted Emission

Photograph 2: Set-up for Radiated Emission(30MHz-1GHz)

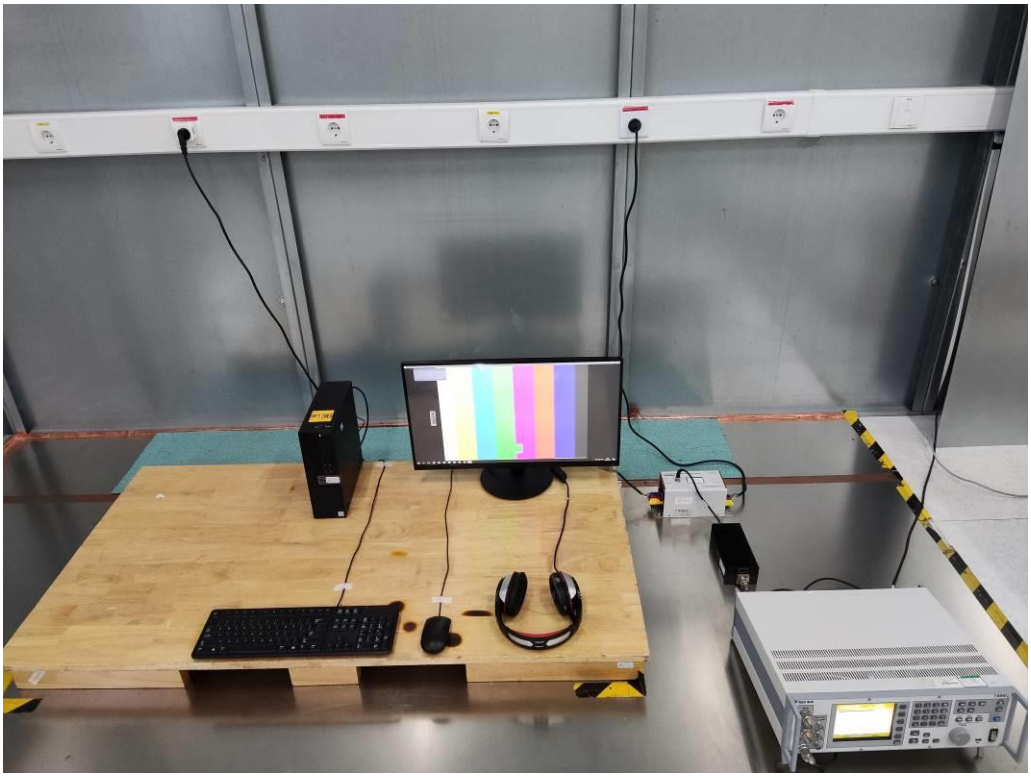


Photograph 3: Set-up for Radiated Emission(1GHz-6GHz)

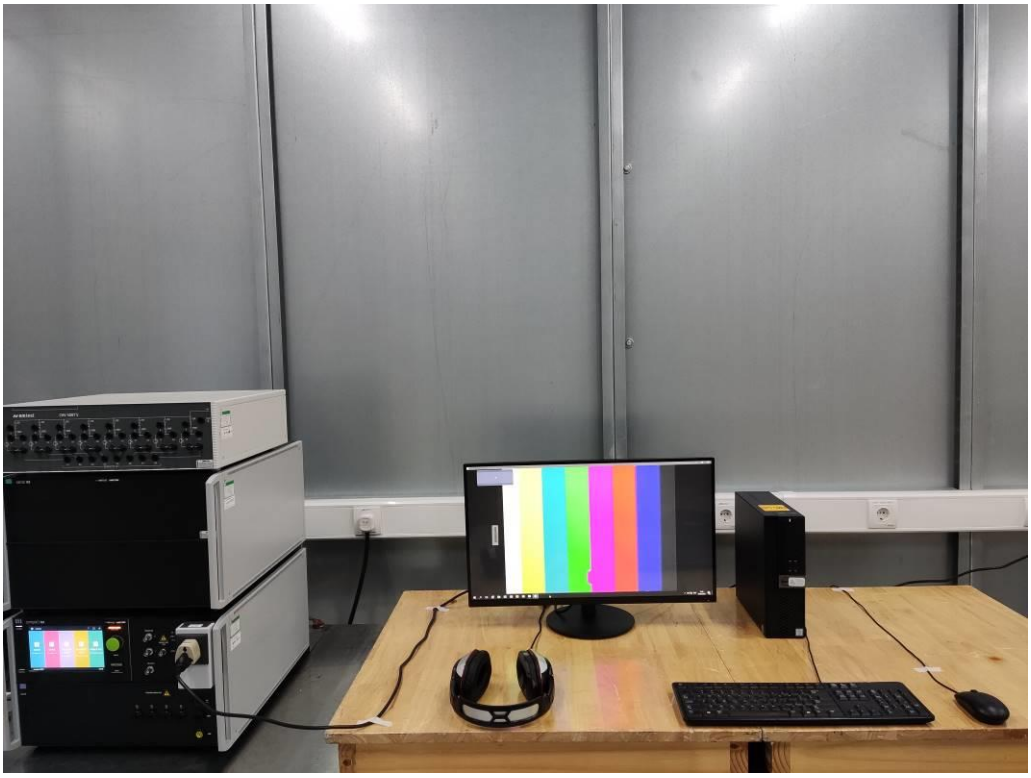


Photograph 4: Set-up for Radio-frequency Electromagnetic Field Amplitude Modulated

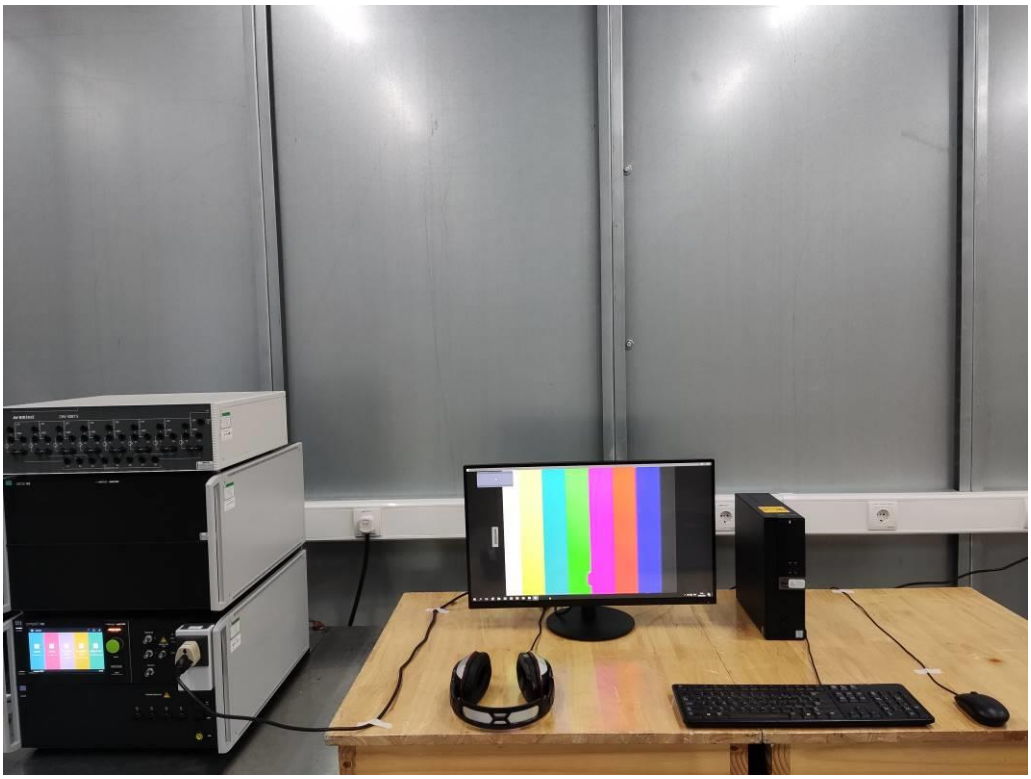
Photograph 5: Set-up for Conducted Susceptibility



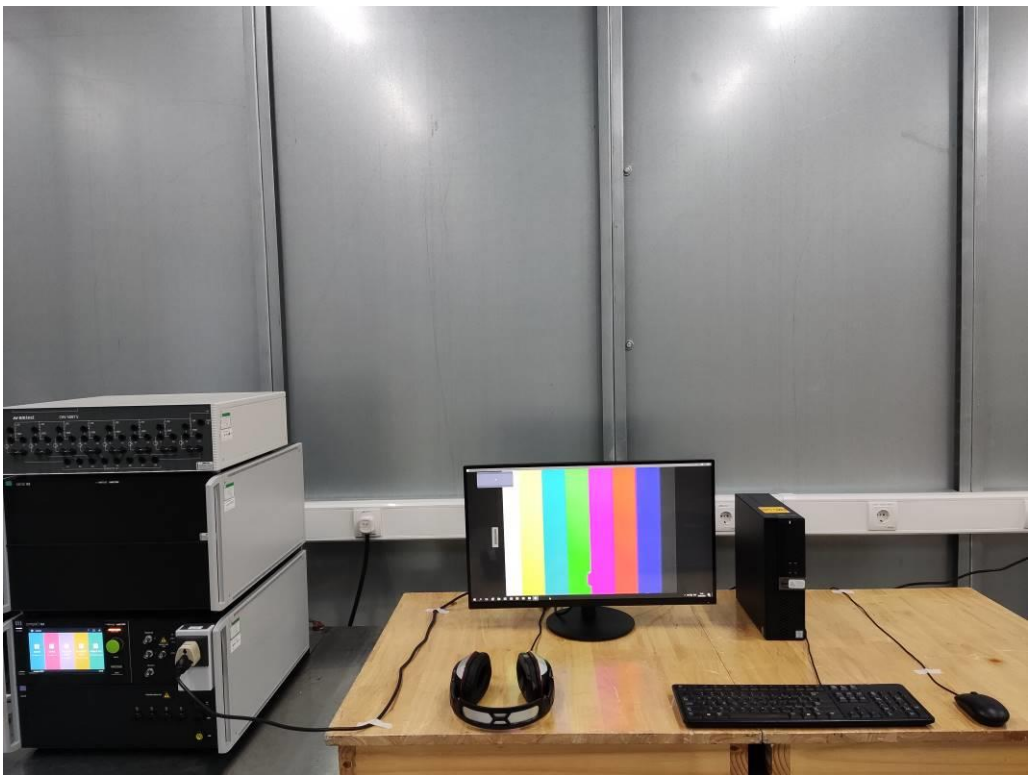
Photograph 6: Set-up for Fast Transients



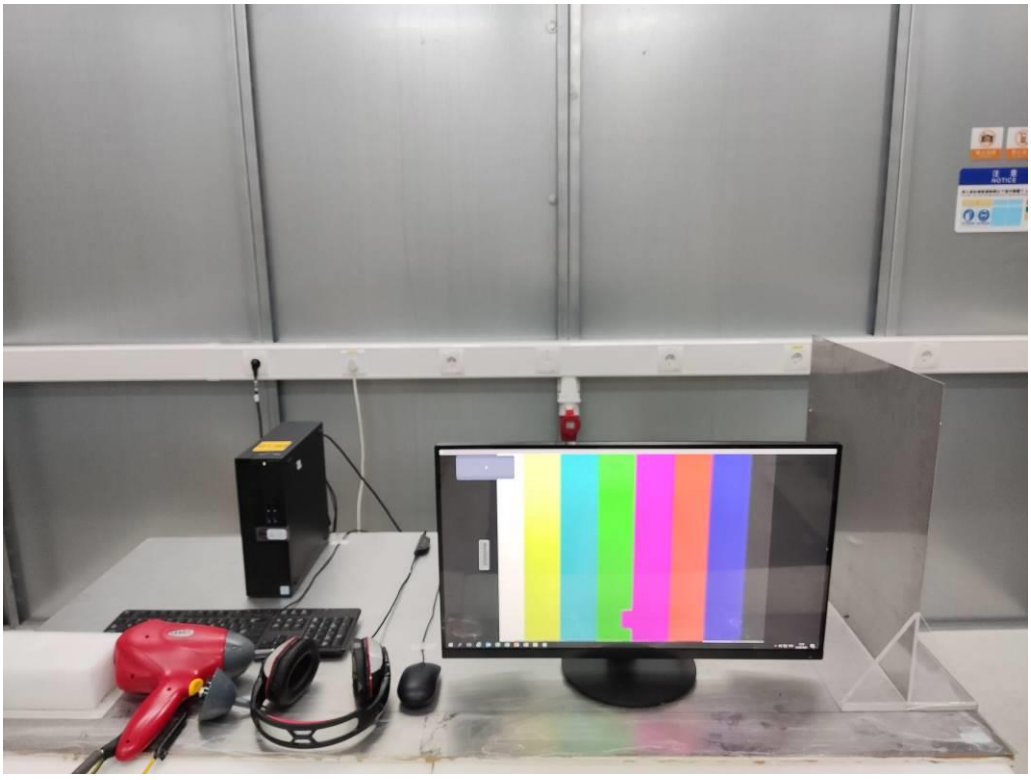
Photograph 7: Set-up for Surge on AC Mains



Photograph 8: Set-up for Voltage Dips on AC Mains



Photograph 9: Set-up for Electrostatic Discharges



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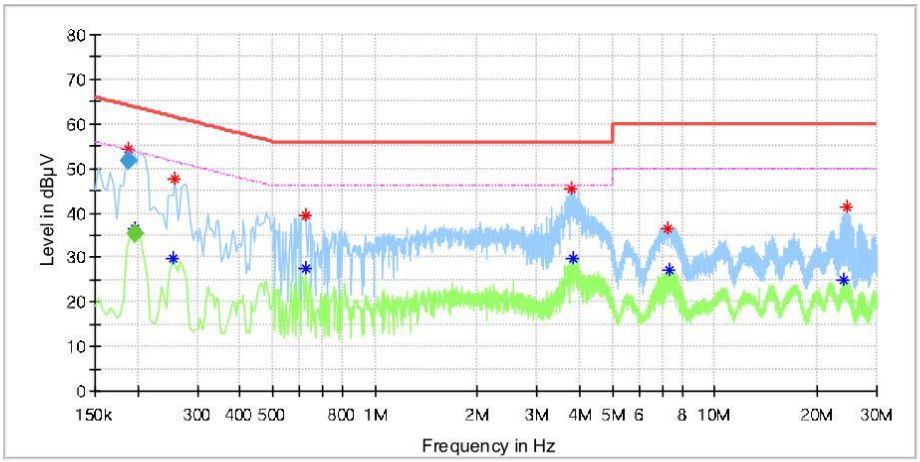
CE-DP-E274F-BK-100V-L 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order No:	
Model:	E274F-BK
Test Mode:	DP input
Test Voltage:	AC 100V/60Hz
Test By/Review By:	Guangshen cen/Gary Chen
Test Standard:	EN 55032
Tem./Hum./Pressure:	23.9°C/50.7%/101kPa
Remark:	SR1



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.188500	54.41	---	63.86	9.45	L1	9.6
0.196500	---	36.57	53.53	16.96	L1	9.6
0.254000	---	29.68	51.63	21.95	L1	9.6
0.258000	47.60	---	61.50	13.90	L1	9.6
0.624000	---	27.45	46.00	18.55	L1	9.7
0.624000	39.45	---	56.00	16.55	L1	9.7
3.800000	45.49	---	56.00	10.51	L1	9.9
3.832000	---	29.72	46.00	16.28	L1	9.9
7.280000	36.44	---	60.00	23.56	L1	10.0
7.336000	---	27.07	50.00	22.93	L1	10.0
23.836000	---	24.88	50.00	25.12	L1	10.4
24.604000	41.14	---	60.00	18.86	L1	10.4

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.188500	51.71	---	64.10	12.39	1000.0	9.000	L1	9.6
0.196500	---	35.51	53.76	18.25	1000.0	9.000	L1	9.6

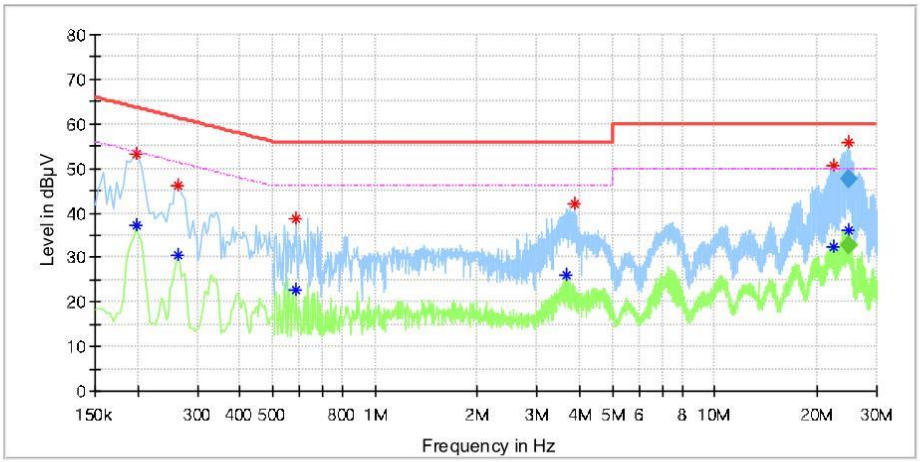
8/8/2022

CE-DP-E274F-BK-100V-N 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order No:	
Model:	E274F-BK
Test Mode:	DP input
Test Voltage:	AC 100V/60Hz
Test By/Review By:	Guangshen cen/Gary Chen
Test Standard:	EN 55032
Tem./Hum./Pressure:	23.9°C/50.7%/101kPa
Remark:	SR1



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.198000	53.32	---	63.69	10.37	N	9.6
0.198000	---	37.29	53.69	16.40	N	9.6
0.262000	---	30.47	51.37	20.90	N	9.6
0.262000	46.01	---	61.37	15.35	N	9.6
0.588000	---	22.82	46.00	23.18	N	9.7
0.588000	38.84	---	56.00	17.16	N	9.7
3.680000	---	26.23	46.00	19.77	N	9.9
3.864000	41.94	---	56.00	14.06	N	9.9
22.436000	---	32.54	50.00	17.46	N	10.4
22.436000	50.76	---	60.00	9.24	N	10.4
24.754500	---	36.14	50.00	13.86	N	10.5
S24.758500	55.66	---	60.00	4.34	N	10.5

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
24.754500	---	32.82	50.00	17.18	1000.0	9.000	N	10.5
24.758500	47.71	---	60.00	12.29	1000.0	9.000	N	10.5

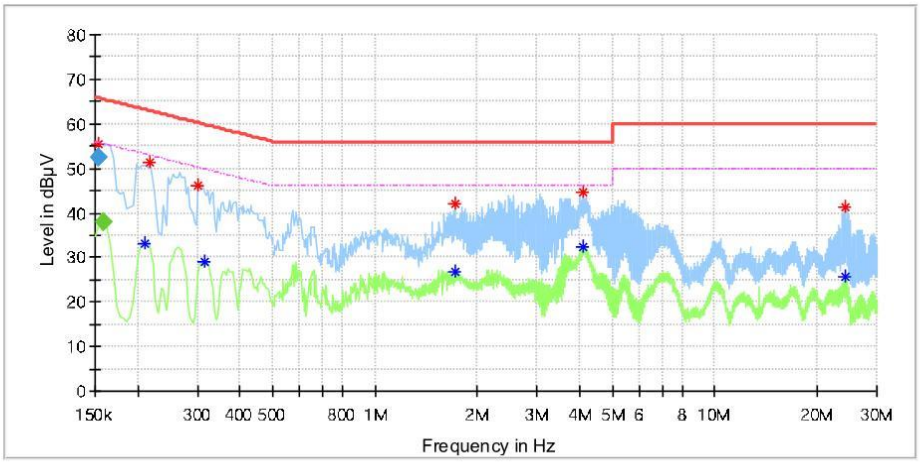
8/8/2022

CE-DP-E274F-BK-240V-L 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order No:	
Model:	E274F-BK
Test Mode:	DP input
Test Voltage:	AC 240V/50Hz
Test By/Review By:	Guangshen cen/Gary Chen
Test Standard:	EN 55032
Tem./Hum./Pressure:	23.9°C/50.7%/101kPa
Remark:	SR1



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.154000	55.40	---	65.36	9.96	L1	9.6
0.158000	---	38.50	55.57	17.06	L1	9.6
0.210000	---	33.28	53.21	19.92	L1	9.6
0.218000	51.49	---	62.90	11.41	L1	9.6
0.302000	46.32	---	60.19	13.86	L1	9.6
0.314000	---	28.92	49.86	20.94	L1	9.6
1.720000	42.09	---	56.00	13.91	L1	9.8
1.724000	---	26.61	46.00	19.39	L1	9.8
4.076000	---	32.50	46.00	13.50	L1	9.9
4.112000	44.66	---	56.00	11.34	L1	9.9
24.244000	---	25.57	50.00	24.43	L1	10.4
24.244000	41.42	---	60.00	18.58	L1	10.4

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.154000	52.55	---	65.78	13.23	1000.0	9.000	L1	9.6
0.158000	---	38.06	55.57	17.51	1000.0	9.000	L1	9.6

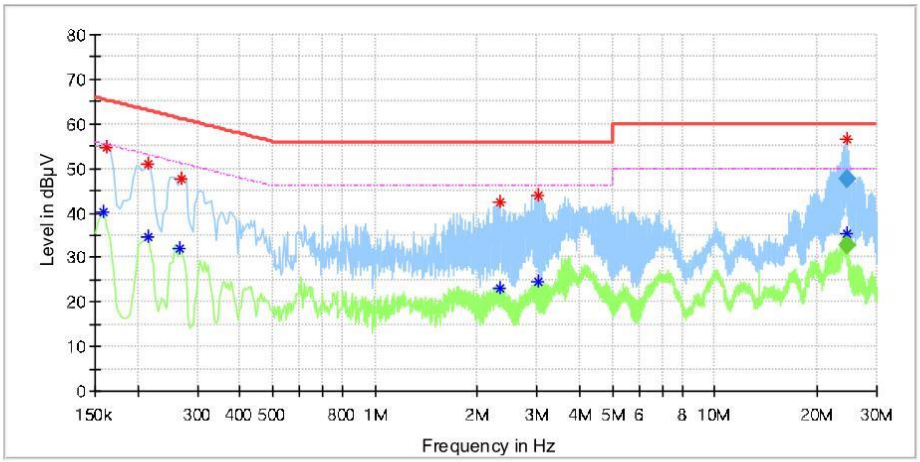
8/8/2022

CE-DP-E274F-BK-240V-N 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order No:	
Model:	E274F-BK
Test Mode:	DP input
Test Voltage:	AC 240V/50Hz
Test By/Review By:	Guangshen cen/Gary Chen
Test Standard:	EN 55032
Tem./Hum./Pressure:	23.9°C/50.7%/101kPa
Remark:	SR1



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.158000	---	40.28	55.57	15.29	N	9.6
0.162000	54.76	---	65.36	10.60	N	9.6
0.214000	---	34.71	53.05	18.33	N	9.6
0.214000	50.82	---	63.05	12.23	N	9.6
0.266000	---	31.98	51.24	19.26	N	9.6
0.270000	47.70	---	61.12	13.42	N	9.6
2.332000	---	23.10	46.00	22.90	N	9.8
2.332000	42.32	---	56.00	13.68	N	9.8
3.040000	---	24.56	46.00	21.44	N	9.9
3.040000	43.84	---	56.00	12.16	N	9.9
24.398500	---	35.41	50.00	14.59	N	10.5
24.402500	56.60	---	60.00	3.40	N	10.5

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
24.398500	---	32.64	50.00	17.36	1000.0	9.000	N	10.5
24.402500	47.56	---	60.00	12.44	1000.0	9.000	N	10.5

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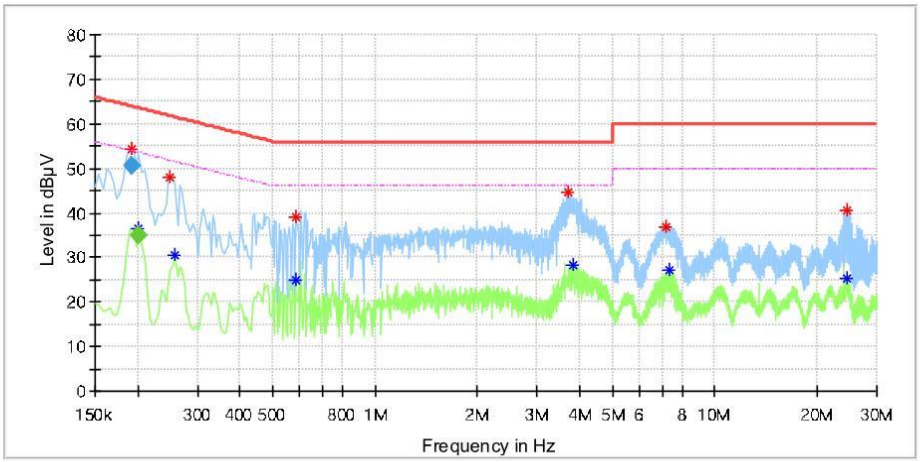
CE-HDMI-E274F-BK-100V-L 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order No:	
Model:	E274F-BK
Test Mode:	HDMI input
Test Voltage:	AC 100V/60Hz
Test By/Review By:	Guangshen cen/Gary Chen
Test Standard:	EN 55032
Tem./Hum./Pressure:	23.9°C/50.7%/101kPa
Remark:	SR1



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.192500	54.49	---	64.04	9.54	L1	9.6
0.200500	---	36.61	53.86	17.26	L1	9.6
0.250000	48.16	---	61.76	13.59	L1	9.6
0.258000	---	30.60	51.50	20.90	L1	9.6
0.584000	---	24.86	46.00	21.14	L1	9.7
0.584000	39.24	---	56.00	16.76	L1	9.7
3.720000	44.73	---	56.00	11.27	L1	9.9
3.812000	---	28.39	46.00	17.61	L1	9.9
7.160000	36.93	---	60.00	23.07	L1	10.0
7.372000	---	27.25	50.00	22.75	L1	10.0
24.460000	40.48	---	60.00	19.52	L1	10.4
24.516000	---	25.22	50.00	24.78	L1	10.4

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.192500	50.74	---	63.93	13.19	1000.0	9.000	L1	9.6
0.200500	---	35.09	53.59	18.50	1000.0	9.000	L1	9.6

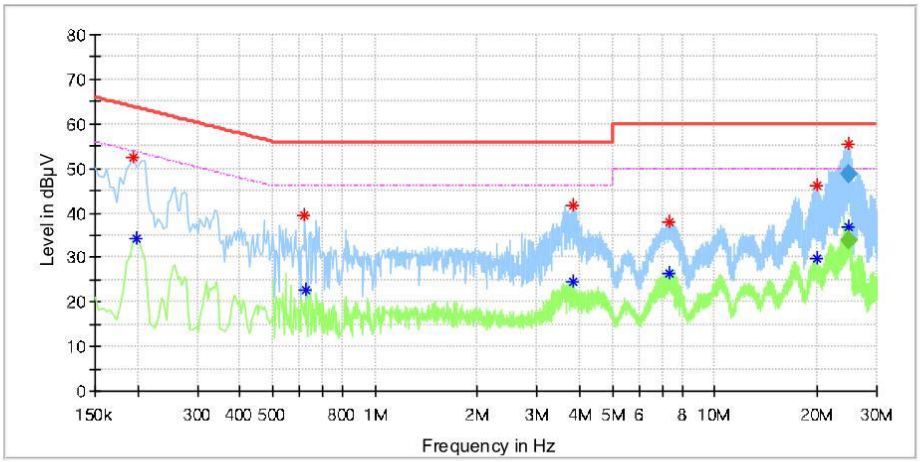
8/8/2022

CE-HDMI-E274F-BK-100V-N 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order No:	
Model:	E274F-BK
Test Mode:	HDMI input
Test Voltage:	AC 100V/60Hz
Test By/Review By:	Guangshen cen/Gary Chen
Test Standard:	EN 55032
Tem./Hum./Pressure:	23.9°C/50.7%/101kPa
Remark:	SR1



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.194000	52.47	---	63.86	11.39	N	9.6
0.198000	---	34.28	53.69	19.42	N	9.6
0.620000	39.30	---	56.00	16.70	N	9.7
0.628000	---	22.58	46.00	23.42	N	9.7
3.848000	---	24.64	46.00	21.36	N	9.9
3.848000	41.85	---	56.00	14.15	N	9.9
7.352000	---	26.28	50.00	23.72	N	10.0
7.368000	37.97	---	60.00	22.03	N	10.0
19.948000	46.05	---	60.00	13.95	N	10.3
20.020000	---	29.64	50.00	20.36	N	10.3
24.678500	55.48	---	60.00	4.52	N	10.5
24.750500	---	36.87	50.00	13.13	N	10.5

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
24.678500	48.63	---	60.00	11.37	1000.0	9.000	N	10.5
24.750500	---	33.94	50.00	16.06	1000.0	9.000	N	10.5

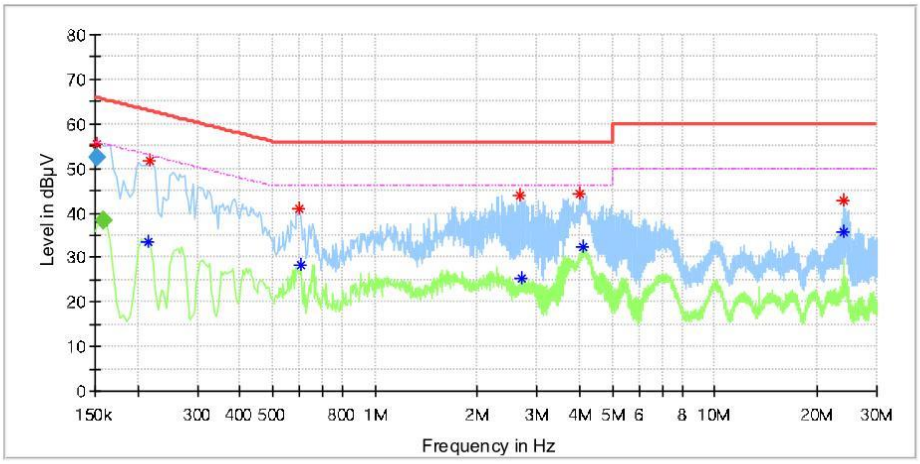
8/8/2022

CE-HDMI-E274F-BK-240V-L 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order No:	
Model:	E274F-BK
Test Mode:	HDMI input
Test Voltage:	AC 240V/50Hz
Test By/Review By:	Guangshen cen/Gary Chen
Test Standard:	EN 55032
Tem./Hum./Pressure:	23.9°C/50.7%/101kPa
Remark:	SR1



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.152500	55.30	---	65.16	9.86	L1	9.6
0.158000	---	37.90	55.78	17.88	L1	9.6
0.214000	---	33.62	53.05	19.43	L1	9.6
0.218000	51.55	---	62.90	11.35	L1	9.6
0.596000	41.07	---	56.00	14.93	L1	9.7
0.608000	---	28.17	46.00	17.83	L1	9.7
2.680000	43.72	---	56.00	12.28	L1	9.9
2.692000	---	25.21	46.00	20.79	L1	9.9
4.004000	44.15	---	56.00	11.85	L1	9.9
4.112000	---	32.47	46.00	13.53	L1	9.9
24.032000	---	35.65	50.00	14.35	L1	10.4
24.032000	42.62	---	60.00	17.38	L1	10.4

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.152500	52.57	---	65.86	13.29	1000.0	9.000	L1	9.6
0.158000	---	38.16	55.57	17.41	1000.0	9.000	L1	9.6

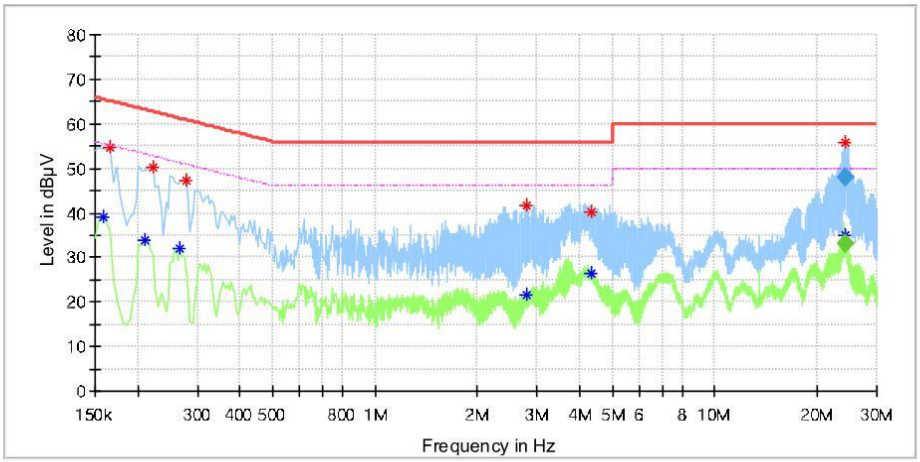
8/8/2022

CE-HDMI-E274F-BK-240V-N 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order No:	
Model:	E274F-BK
Test Mode:	HDMI input
Test Voltage:	AC 240V/50Hz
Test By/Review By:	Guangshen cen/Gary Chen
Test Standard:	EN 55032
Tem./Hum./Pressure:	23.9°C/50.7%/101kPa
Remark:	SR1



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.158000	---	39.02	55.57	16.55	N	9.6
0.166000	54.69	---	65.16	10.47	N	9.6
0.210000	---	33.96	53.21	19.24	N	9.6
0.222000	50.22	---	62.74	12.52	N	9.6
0.266000	---	31.97	51.24	19.27	N	9.6
0.278000	47.26	---	60.88	13.62	N	9.6
2.780000	41.49	---	56.00	14.51	N	9.9
2.784000	---	21.68	46.00	24.32	N	9.9
4.348000	---	26.26	46.00	19.74	N	9.9
4.348000	40.09	---	56.00	15.91	N	9.9
24.118500	---	35.08	50.00	14.92	N	10.5
24.129500	55.84	---	60.00	4.16	N	10.5

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
24.118500	---	33.16	50.00	16.84	1000.0	9.000	N	10.5
24.129500	47.82	---	60.00	12.18	1000.0	9.000	N	10.5

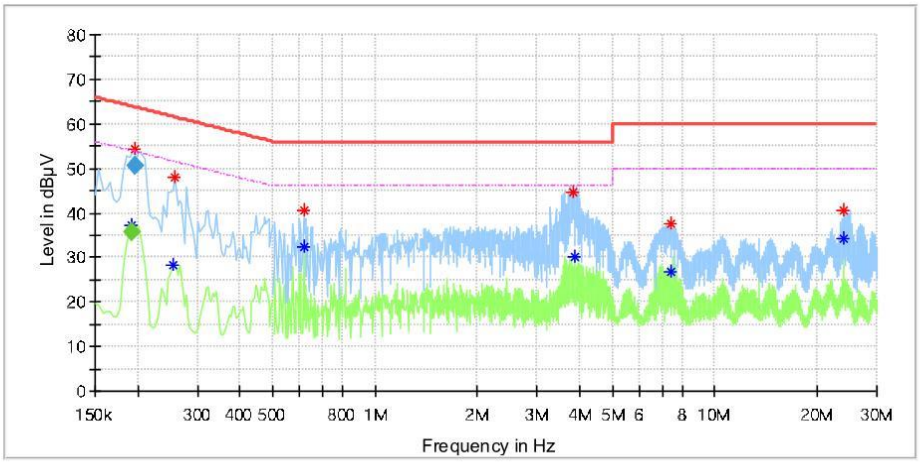
8/8/2022

CE-VGA-E274F-BK-100V-L 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order No:	
Model:	E274F-BK
Test Mode:	VGA+PC Audio in
Test Voltage:	AC 100V/60Hz
Test By/Review By:	Guangshen cen/Gary Chen
Test Standard:	EN 55032
Tem./Hum./Pressure:	23.9°C/50.7%/101kPa
Remark:	SR1



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.192500	---	37.14	53.53	16.39	L1	9.6
0.196500	54.41	---	63.86	9.46	L1	9.6
0.254000	---	28.29	51.63	23.33	L1	9.6
0.258000	48.06	---	61.50	13.44	L1	9.6
0.616000	---	32.25	46.00	13.75	L1	9.7
0.616000	40.45	---	56.00	15.55	L1	9.7
3.836000	44.61	---	56.00	11.39	L1	9.9
3.864000	---	30.29	46.00	15.71	L1	9.9
7.404000	37.63	---	60.00	22.37	L1	10.0
7.412000	---	26.92	50.00	23.08	L1	10.0
24.032000	---	34.32	50.00	15.68	L1	10.4
24.048000	40.47	---	60.00	19.53	L1	10.4

Final_Result

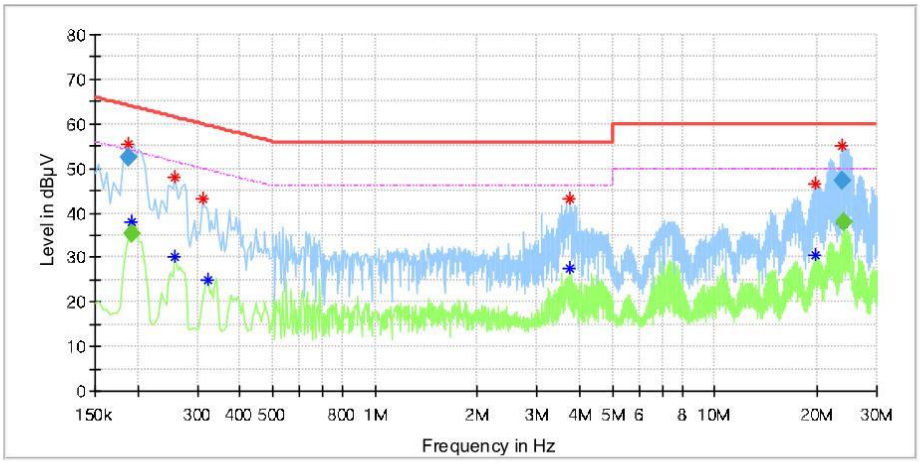
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.192500	---	35.69	53.93	18.24	1000.0	9.000	L1	9.6
0.196500	50.78	---	63.76	12.98	1000.0	9.000	L1	9.6

CE-VGA-E274F-BK-100V-N 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order No:	
Model:	E274F-BK
Test Mode:	VGA+PC Audio in
Test Voltage:	AC 100V/60Hz
Test By/Review By:	Guangshen cen/Gary Chen
Test Standard:	EN 55032
Tem./Hum./Pressure:	23.9°C/50.7%/101kPa
Remark:	SR1



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.188500	55.27	---	63.86	8.60	N	9.6
0.192500	---	38.04	53.86	15.82	N	9.6
0.258000	---	30.16	51.50	21.33	N	9.6
0.258000	48.11	---	61.50	13.38	N	9.6
0.310000	43.30	---	59.97	16.67	N	9.6
0.322000	---	25.03	49.66	24.62	N	9.7
3.728000	43.07	---	56.00	12.93	N	9.9
3.740000	---	27.68	46.00	18.32	N	9.9
19.888000	---	30.58	50.00	19.42	N	10.3
19.888000	46.34	---	60.00	13.66	N	10.3
23.805500	54.90	---	60.00	5.10	N	10.5
24.034500	---	37.44	50.00	12.56	N	10.5

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.188500	52.43	---	64.10	11.68	1000.0	9.000	N	9.6
0.192500	---	35.49	53.93	18.44	1000.0	9.000	N	9.6
23.805500	47.31	---	60.00	12.69	1000.0	9.000	N	10.5
24.034500	---	38.09	50.00	11.91	1000.0	9.000	N	10.5

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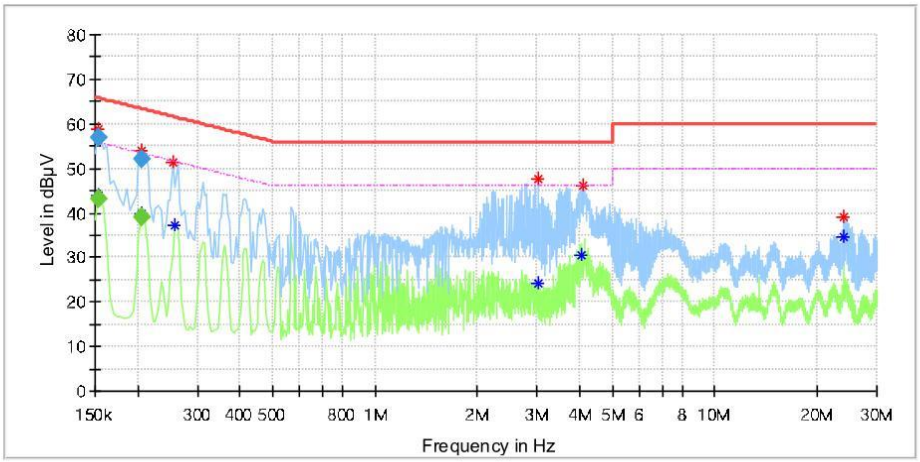
CE-VGA-E274F-BK-240V-L 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order No:	
Model:	E274F-BK
Test Mode:	VGA+PC Audio in
Test Voltage:	AC 240V/50Hz
Test By/Review By:	Guangshen cen/Gary Chen
Test Standard:	EN 55032
Tem./Hum./Pressure:	23.9°C/50.7%/101kPa
Remark:	SR1



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.154000	58.64	---	65.78	7.14	L1	9.6
0.154000	---	43.83	55.78	11.95	L1	9.6
0.204500	54.10	---	63.37	9.26	L1	9.6
0.204500	---	39.67	53.37	13.70	L1	9.6
0.254000	51.26	---	61.63	10.37	L1	9.6
0.258000	---	37.33	51.50	14.16	L1	9.6
3.008000	---	24.04	46.00	21.96	L1	9.9
3.016000	47.44	---	56.00	8.56	L1	9.9
4.068000	---	30.70	46.00	15.30	L1	9.9
4.076000	46.08	---	56.00	9.92	L1	9.9
24.028000	39.14	---	60.00	20.86	L1	10.4
24.032000	---	34.58	50.00	15.42	L1	10.4

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.154000	---	43.24	55.78	12.54	1000.0	9.000	L1	9.6
0.154000	56.92	---	65.78	8.86	1000.0	9.000	L1	9.6
0.204500	---	38.94	53.43	14.49	1000.0	9.000	L1	9.6
0.204500	52.09	---	63.43	11.34	1000.0	9.000	L1	9.6

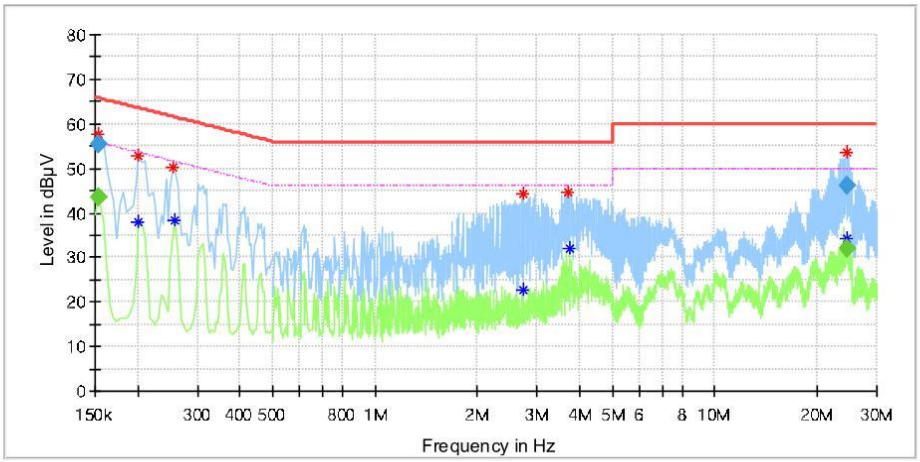
8/8/2022

CE-VGA-E274F-BK-240V-N 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order No:	
Model:	E274F-BK
Test Mode:	VGA+PC Audio in
Test Voltage:	AC 240V/50Hz
Test By/Review By:	Guangshen cen/Gary Chen
Test Standard:	EN 55032
Tem./Hum./Pressure:	23.9°C/50.7%/101kPa
Remark:	SR1



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.154000	---	43.61	55.78	12.17	N	9.6
0.154000	57.53	---	65.78	8.25	N	9.6
0.202000	52.84	---	63.53	10.69	N	9.6
0.202000	---	38.05	53.53	15.48	N	9.6
0.254000	50.22	---	61.63	11.41	N	9.6
0.258000	---	38.25	51.50	13.25	N	9.6
2.724000	---	22.58	46.00	23.42	N	9.9
2.724000	44.44	---	56.00	11.56	N	9.9
3.720000	44.66	---	56.00	11.34	N	9.9
3.756000	---	31.85	46.00	14.15	N	9.9
24.414500	53.42	---	60.00	6.58	N	10.5
24.418500	---	34.18	50.00	15.82	N	10.5

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.154000	55.40	---	65.78	10.38	1000.0	9.000	N	9.6
0.154000	---	43.38	55.78	12.40	1000.0	9.000	N	9.6
24.414500	46.09	---	60.00	13.91	1000.0	9.000	N	10.5
24.418500	---	32.11	50.00	17.89	1000.0	9.000	N	10.5

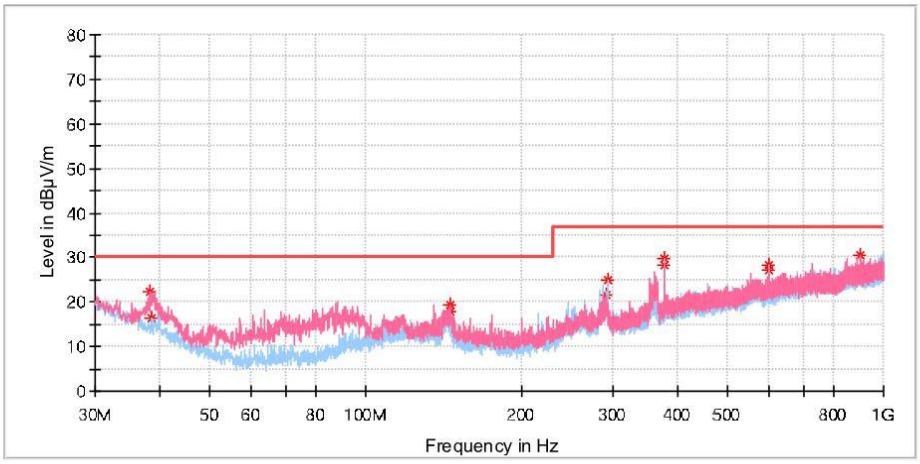
8/8/2022

REDP- E274F-BK-100V 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	DP input
Test Voltage:	AC 100V/60Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

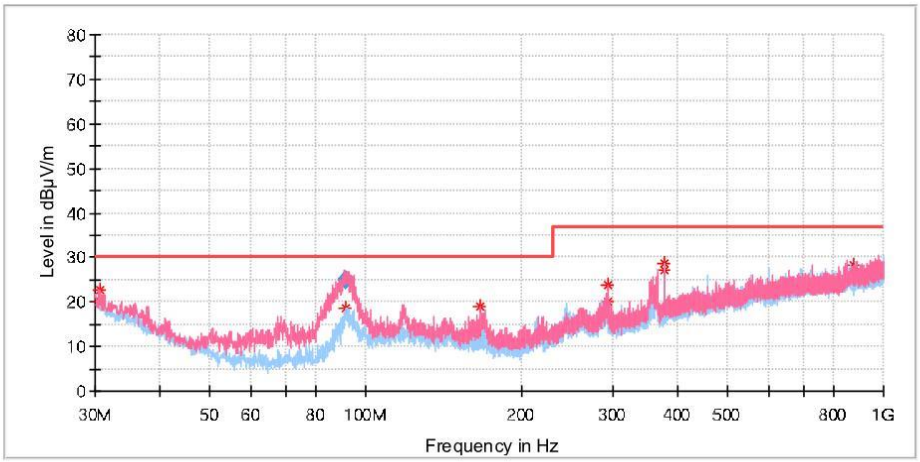
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
38.406667	22.40	30.00	7.60	100.0	V	344.0	-9.0
38.676111	16.26	30.00	13.74	200.0	H	114.0	-14.7
145.106667	19.28	30.00	10.72	100.0	V	202.0	-11.0
145.376111	17.80	30.00	12.20	200.0	H	0.0	-16.9
290.552778	21.72	37.00	15.28	100.0	V	318.0	-8.3
292.977778	24.87	37.00	12.13	200.0	H	23.0	-13.8
377.960556	28.37	37.00	8.63	100.0	V	151.0	-5.6
378.014444	29.60	37.00	7.40	200.0	H	35.0	-11.9
599.982778	28.26	37.00	8.74	100.0	H	185.0	-6.9
600.036667	27.26	37.00	9.74	200.0	V	239.0	-1.1
902.784444	26.52	37.00	10.48	100.0	H	247.0	-3.2
903.000000	30.64	37.00	6.36	100.0	V	325.0	2.3

RE E274F-BK-240V 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	DP input
Test Voltage:	AC 240V/50Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.592778	22.76	30.00	7.24	200.0	V	119.0	-4.8
30.754444	20.15	30.00	9.85	100.0	H	284.0	-10.1
91.670000	25.30	30.00	2.93	104.0	V	43.0	-13.5
91.756667	18.60	30.00	11.40	200.0	H	290.0	-18.6
166.285000	19.16	30.00	10.84	200.0	V	136.0	-11.9
166.554444	12.22	30.00	17.78	200.0	H	201.0	-17.9
292.546667	20.06	37.00	16.94	100.0	H	0.0	-13.8
292.870000	23.67	37.00	13.33	100.0	V	63.0	-8.3
377.960556	27.01	37.00	9.99	100.0	V	68.0	-5.6
378.014444	28.67	37.00	8.33	200.0	H	29.0	-11.9
874.923889	28.16	37.00	8.84	200.0	V	331.0	1.9
875.786111	27.33	37.00	9.67	200.0	H	356.0	-3.5

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg	Corr. (dB/m)
91.670000	24.80	30.00	5.20	1000.0	120.000	104.0	V	43.0	-13.4

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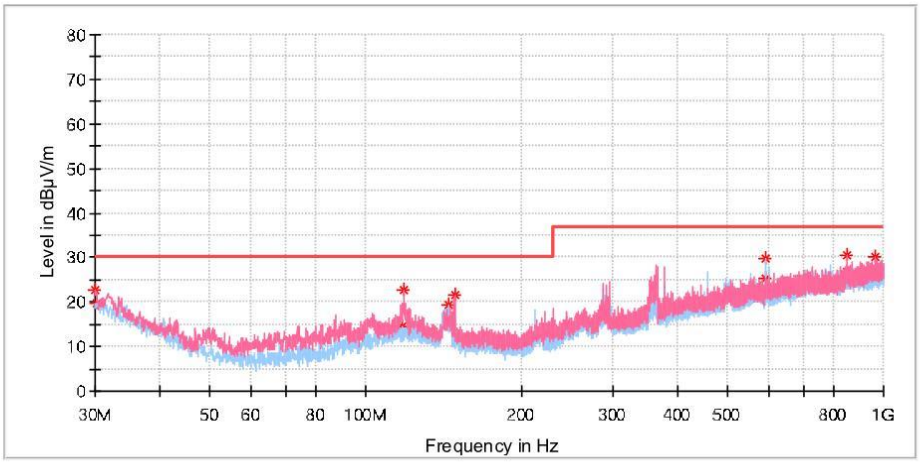
RE HDMI- E274F-BK-100V 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	HDMI input
Test Voltage:	AC 100V/60Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

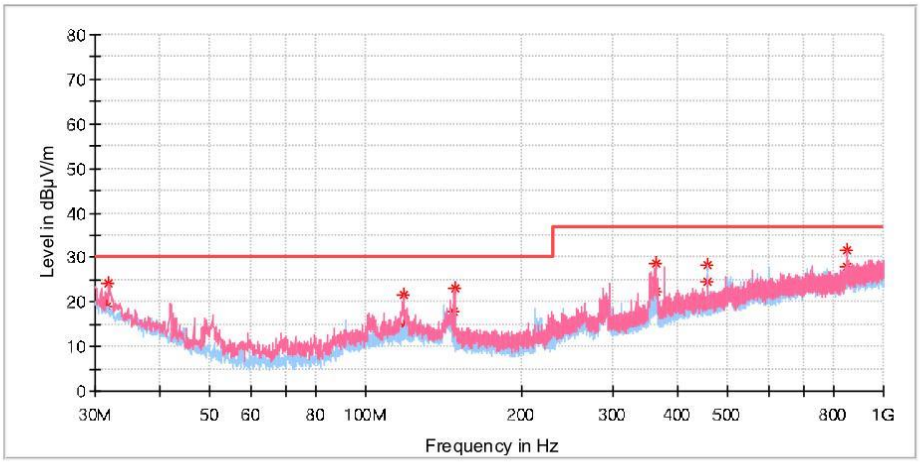
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.107778	22.65	30.00	7.35	200.0	V	127.0	-4.6
30.215556	19.77	30.00	10.23	200.0	H	161.0	-9.7
117.946667	14.50	30.00	15.50	200.0	H	173.0	-15.5
118.108333	22.51	30.00	7.49	100.0	V	108.0	-9.9
144.945000	19.31	30.00	10.69	200.0	H	0.0	-16.8
148.340000	21.40	30.00	8.60	100.0	V	232.0	-11.3
593.354444	25.29	37.00	11.71	100.0	V	78.0	-1.2
593.408333	29.80	37.00	7.20	100.0	H	220.0	-7.0
850.620000	26.90	37.00	10.10	100.0	H	204.0	-3.8
851.536111	30.39	37.00	6.61	100.0	V	38.0	1.3
965.241667	26.31	37.00	10.69	200.0	H	179.0	-2.6
965.349444	29.96	37.00	7.04	200.0	V	196.0	3.0

RE HDMI- E274F-BK-240V 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	HDMI input
Test Voltage:	AC 240V/50Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

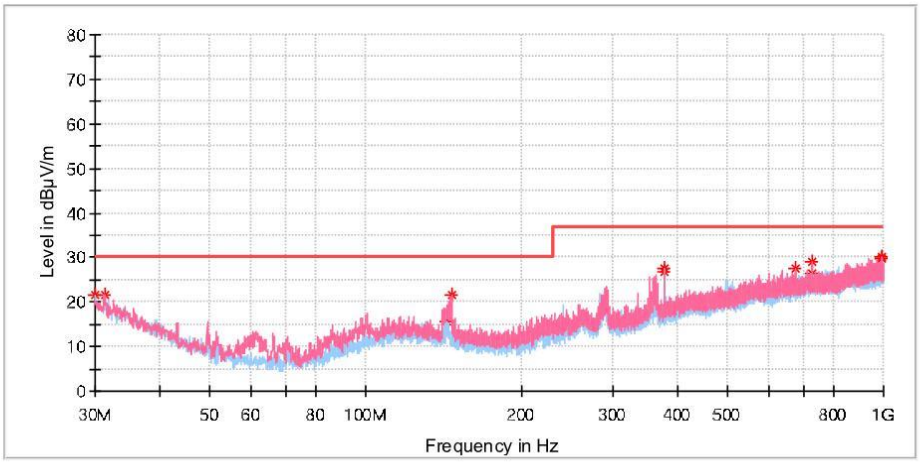
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
31.670556	18.91	30.00	11.09	200.0	H	34.0	-10.6
31.940000	24.08	30.00	5.92	100.0	V	310.0	-5.5
118.108333	14.48	30.00	15.52	200.0	H	27.0	-15.5
118.593333	21.67	30.00	8.33	100.0	V	156.0	-9.9
148.286111	18.01	30.00	11.99	200.0	H	152.0	-17.1
148.340000	23.16	30.00	6.84	100.0	V	280.0	-11.3
364.326667	22.48	37.00	14.52	200.0	H	116.0	-12.0
364.380556	28.79	37.00	8.21	100.0	V	180.0	-5.9
455.991667	28.20	37.00	8.80	200.0	H	116.0	-9.8
456.045556	24.43	37.00	12.57	100.0	V	76.0	-3.8
852.128889	28.06	37.00	8.94	200.0	H	127.0	-3.8
852.560000	31.63	37.00	5.37	200.0	V	259.0	1.4

RE VGA- E274F-BK-100V 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	VGA+PC Audio in
Test Voltage:	AC 100V/60Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

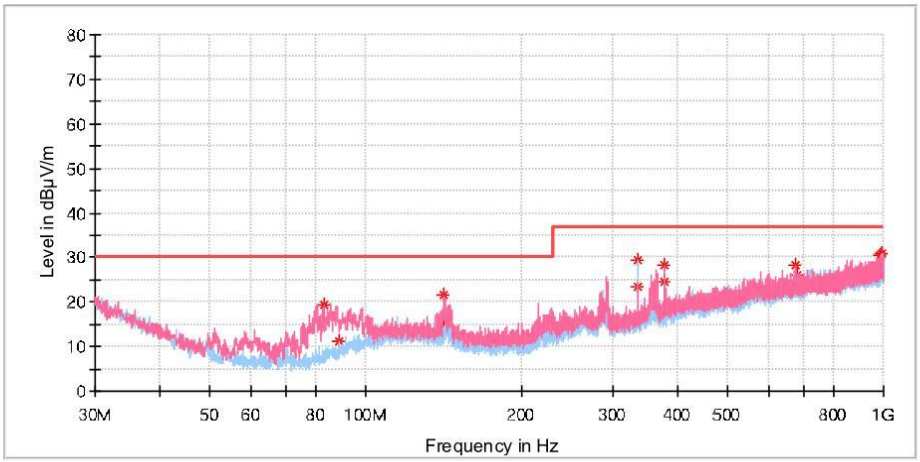
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.000000	21.61	30.00	8.39	100.0	H	176.0	-9.6
31.293333	21.40	30.00	8.60	100.0	V	356.0	-5.2
143.220556	15.72	30.00	14.28	200.0	H	207.0	-16.7
146.238333	21.48	30.00	8.52	100.0	V	82.0	-11.2
377.960556	26.68	37.00	10.32	100.0	V	187.0	-5.6
378.014444	27.62	37.00	9.38	200.0	H	120.0	-11.9
674.726667	24.67	37.00	12.33	100.0	H	23.0	-5.6
676.774444	27.48	37.00	9.52	100.0	V	35.0	-0.2
728.992778	26.57	37.00	10.43	200.0	H	138.0	-4.9
729.531667	29.03	37.00	7.97	100.0	V	9.0	-0.1
991.270000	30.07	37.00	6.93	200.0	V	207.0	3.4
991.593333	29.60	37.00	7.40	100.0	H	70.0	-2.4

RE VGA- E274F-BK-240V 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	VGA+PC Audio in
Test Voltage:	AC 240V/50Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

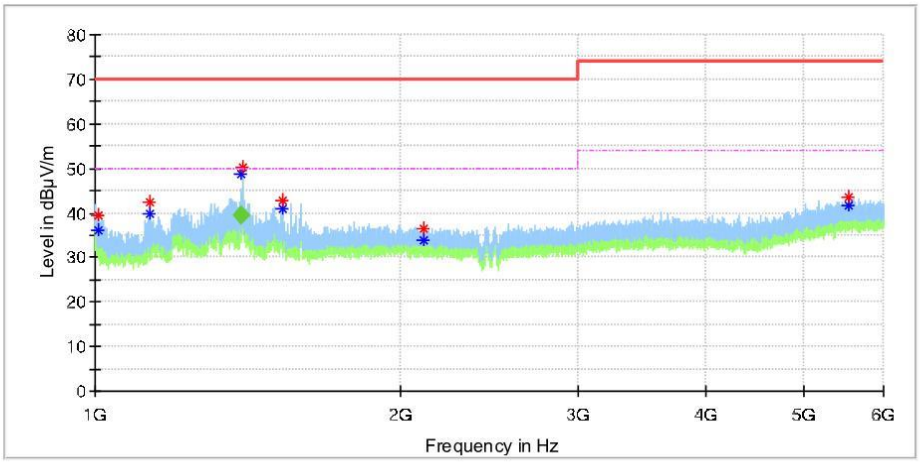
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
83.026667	19.29	30.00	10.71	200.0	V	304.0	-15.0
88.738889	11.32	30.00	18.68	200.0	H	146.0	-19.4
141.172778	21.42	30.00	8.58	200.0	V	82.0	-10.8
141.442222	14.44	30.00	15.56	200.0	H	209.0	-16.6
336.196667	29.49	37.00	7.51	200.0	H	32.0	-13.0
336.250556	23.44	37.00	13.56	100.0	V	218.0	-7.2
377.960556	24.63	37.00	12.37	200.0	H	72.0	-11.9
378.014444	28.24	37.00	8.76	100.0	V	173.0	-5.6
678.606667	28.18	37.00	8.82	100.0	V	303.0	-0.2
679.253333	25.98	37.00	11.02	200.0	H	55.0	-5.5
988.521667	30.65	37.00	6.35	200.0	V	95.0	3.3
989.815000	30.92	37.00	6.08	100.0	H	52.0	-2.4

RE-1-6G-DP-E274F-BK-100V-H 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	DP input
Test Voltage:	AC 100V/60Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m	Average (dBµV/m	Limit (dBµV/m	Margin	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1007.291667	---	36.22	50.00	13.78	100.0	H	57.0	-7.1
1007.291667	39.63	---	70.00	30.37	100.0	H	57.0	-7.1
1134.166667	---	39.96	50.00	10.04	100.0	H	154.0	-6.7
1134.375000	42.32	---	70.00	27.68	100.0	H	154.0	-6.7
1395.375000	---	48.86	50.00	1.14	200.0	H	281.0	-5.7
1399.375000	50.38	---	70.00	19.62	200.0	H	266.0	-5.7
1531.041667	---	40.98	50.00	9.02	100.0	H	317.0	-5.1
1531.041667	42.78	---	70.00	27.22	100.0	H	317.0	-5.1
2110.833333	36.51	---	70.00	33.49	200.0	H	234.0	-3.1
2111.041667	---	33.93	50.00	16.07	100.0	H	302.0	-3.1
5536.458333	---	41.52	54.00	12.48	100.0	H	327.0	9.9
5536.458333	43.37	---	74.00	30.63	100.0	H	327.0	9.9

Final_Result

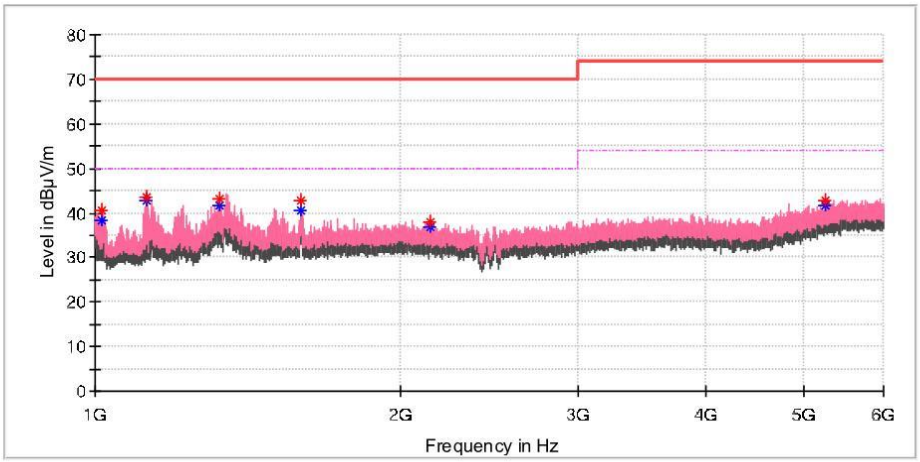
Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1395.375000	---	39.56	50.00	20.44	1000.0	200.0	H	281.0	-5.7

RE-1-6G-DP-E274F-BK-100V-V 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	DP input
Test Voltage:	AC 100V/60Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

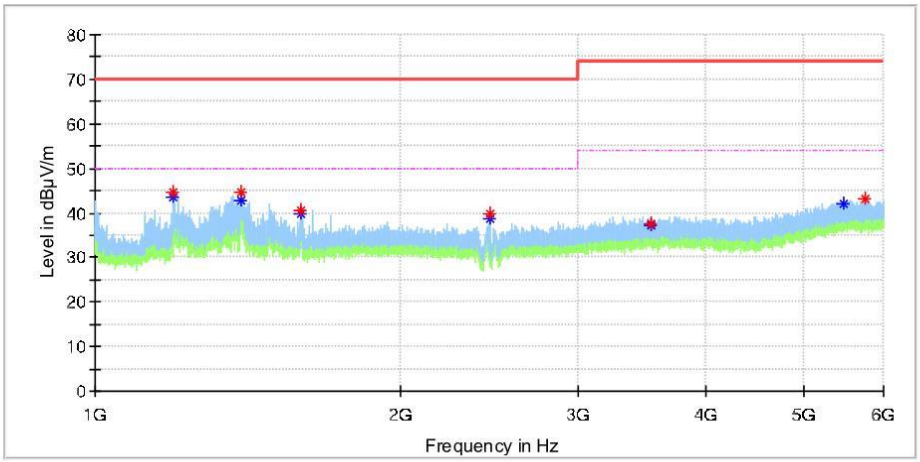
Frequency (MHz)	MaxPeak (dBµV/m	Average (dBµV/m	Limit (dBµV/m	Margin	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1013.541667	---	38.35	50.00	11.65	100.0	V	190.0	-7.1
1013.541667	40.50	---	70.00	29.50	100.0	V	190.0	-7.1
1126.041667	---	42.61	50.00	7.39	200.0	V	205.0	-6.7
1126.041667	43.60	---	70.00	26.40	200.0	V	205.0	-6.7
1326.666667	---	41.58	50.00	8.42	100.0	V	0.0	-5.9
1326.666667	43.25	---	70.00	26.75	100.0	V	0.0	-5.9
1594.583333	42.64	---	70.00	27.36	100.0	V	0.0	-4.8
1594.583333	---	40.56	50.00	9.44	100.0	V	0.0	-4.8
2138.750000	---	36.83	50.00	13.17	200.0	V	236.0	-3.1
2138.750000	37.80	---	70.00	32.20	200.0	V	236.0	-3.1
5265.625000	---	41.60	54.00	12.40	200.0	V	154.0	8.7
5265.625000	42.71	---	74.00	31.29	200.0	V	154.0	8.7

RE-1-6G-DP-E274F-BK-240V-H 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	DP input
Test Voltage:	AC 240V/50Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

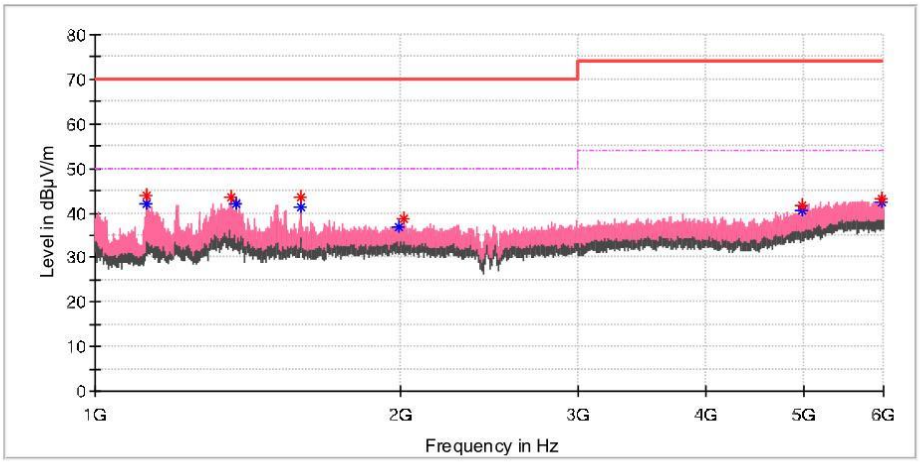
Frequency (MHz)	MaxPeak (dBµV/m	Average (dBµV/m	Limit (dBµV/m	Margin	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.416667	---	43.38	50.00	6.62	200.0	H	277.0	-6.3
1195.416667	44.67	---	70.00	25.33	200.0	H	277.0	-6.3
1393.125000	---	42.90	50.00	7.10	200.0	H	267.0	-5.7
1396.041667	44.74	---	70.00	25.26	200.0	H	251.0	-5.7
1599.375000	---	39.79	50.00	10.21	200.0	H	28.0	-4.8
1599.375000	40.51	---	70.00	29.49	200.0	H	28.0	-4.8
2457.500000	---	38.86	50.00	11.14	100.0	H	234.0	-2.7
2457.500000	39.97	---	70.00	30.03	100.0	H	234.0	-2.7
3532.916667	---	37.17	54.00	16.83	100.0	H	50.0	2.7
3532.916667	37.55	---	74.00	36.45	100.0	H	50.0	2.7
5480.208333	---	41.95	54.00	12.05	100.0	H	288.0	9.8
5766.875000	43.26	---	74.00	30.74	200.0	H	116.0	10.1

RE-1-6G-DP-E274F-BK-240V-V 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	DP input
Test Voltage:	AC 240V/50Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m	Average (dBµV/m	Limit (dBµV/m	Margin	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1123.750000	43.80	---	70.00	26.20	100.0	V	170.0	-6.7
1123.750000	---	42.21	50.00	7.79	100.0	V	170.0	-6.7
1361.458333	43.42	---	70.00	26.58	100.0	V	345.0	-5.8
1377.083333	---	42.21	50.00	7.79	100.0	V	42.0	-5.8
1595.000000	43.53	---	70.00	26.47	200.0	V	346.0	-4.8
1597.291667	---	41.47	50.00	8.53	200.0	V	179.0	-4.8
1992.916667	---	36.66	50.00	13.34	100.0	V	5.0	-3.2
2014.375000	38.74	---	70.00	31.26	100.0	V	315.0	-3.2
4984.166667	---	40.72	54.00	13.28	100.0	V	266.0	7.6
4984.166667	41.69	---	74.00	32.31	100.0	V	266.0	7.6
5977.291667	43.33	---	74.00	30.67	100.0	V	282.0	10.2
5977.291667	---	42.25	54.00	11.75	100.0	V	282.0	10.2

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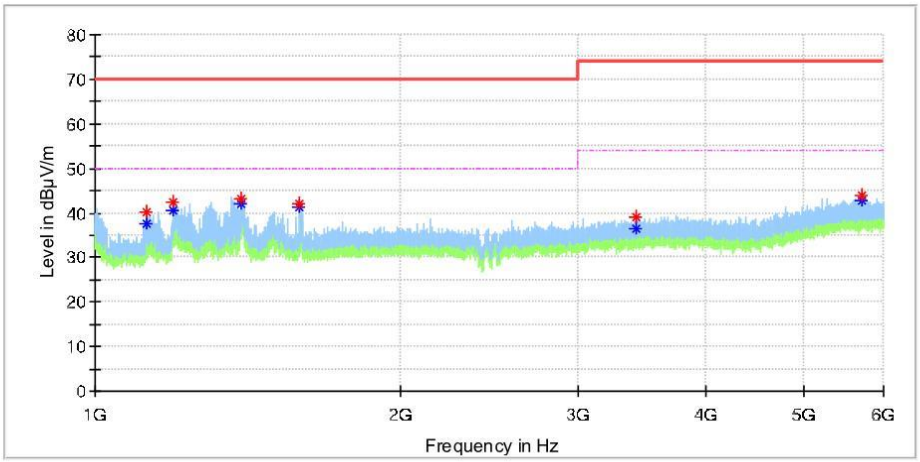
RE-1-6G-HDMI-E274F-BK-100V-H 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	HDMI input
Test Voltage:	AC 240V/50Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

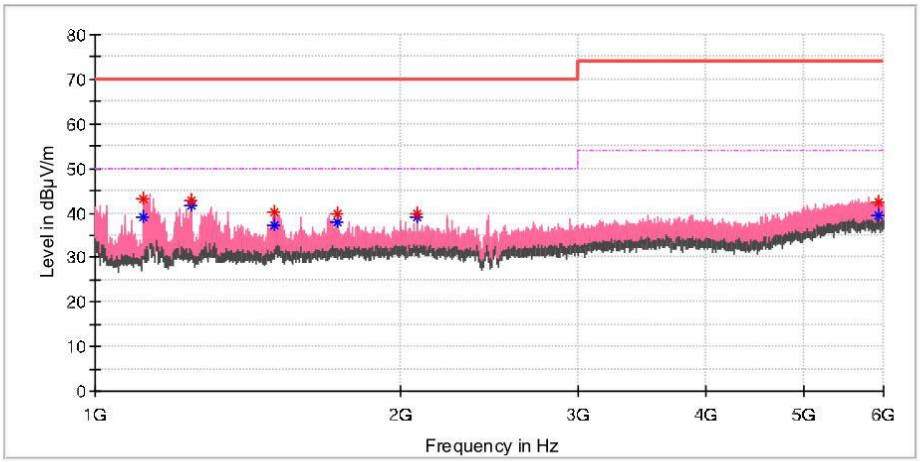
Frequency (MHz)	MaxPeak (dBµV/m	Average (dBµV/m	Limit (dBµV/m	Margin	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1124.375000	---	37.57	50.00	12.43	100.0	H	86.0	-6.7
1124.375000	40.19	---	70.00	29.81	100.0	H	86.0	-6.7
1194.583333	42.56	---	70.00	27.44	200.0	H	186.0	-6.3
1194.583333	---	40.59	50.00	9.41	200.0	H	186.0	-6.3
1395.000000	43.06	---	70.00	26.94	200.0	H	308.0	-5.7
1395.625000	---	41.95	50.00	8.05	100.0	H	32.0	-5.7
1592.708333	41.93	---	70.00	28.07	100.0	H	252.0	-4.8
1592.708333	---	41.39	50.00	8.61	100.0	H	252.0	-4.8
3426.458333	---	36.38	54.00	17.62	200.0	H	48.0	2.3
3426.666667	39.04	---	74.00	34.96	200.0	H	146.0	2.3
5721.666667	43.87	---	74.00	30.13	100.0	H	151.0	10.0
5721.666667	---	42.94	54.00	11.06	100.0	H	151.0	10.0

RE-1-6G-HDMI-E274F-BK-100V-V 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	HDMI input
Test Voltage:	AC 240V/50Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

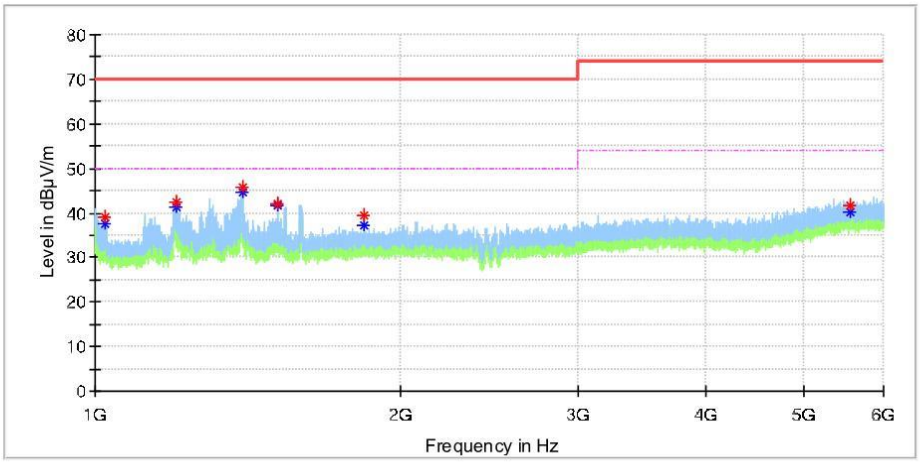
Frequency (MHz)	MaxPeak (dBµV/m	Average (dBµV/m	Limit (dBµV/m	Margin	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1115.625000	---	38.99	50.00	11.01	200.0	V	201.0	-6.8
1115.625000	42.99	---	70.00	27.01	200.0	V	201.0	-6.8
1246.041667	---	41.53	50.00	8.47	100.0	V	113.0	-6.1
1246.041667	42.70	---	70.00	27.30	100.0	V	113.0	-6.1
1505.625000	---	37.17	50.00	12.83	200.0	V	22.0	-5.3
1505.625000	40.18	---	70.00	29.82	200.0	V	22.0	-5.3
1731.875000	---	38.00	50.00	12.00	100.0	V	332.0	-4.3
1731.875000	39.67	---	70.00	30.33	100.0	V	332.0	-4.3
2076.875000	39.87	---	70.00	30.13	200.0	V	334.0	-3.1
2076.875000	---	38.93	50.00	11.07	200.0	V	334.0	-3.1
5926.666667	---	39.62	54.00	14.38	200.0	V	180.0	10.2
5926.666667	42.38	---	74.00	31.62	200.0	V	180.0	10.2

RE-1-6G-HDMI-E274F-BK-240V-H 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	HDMI input
Test Voltage:	AC 240V/50Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

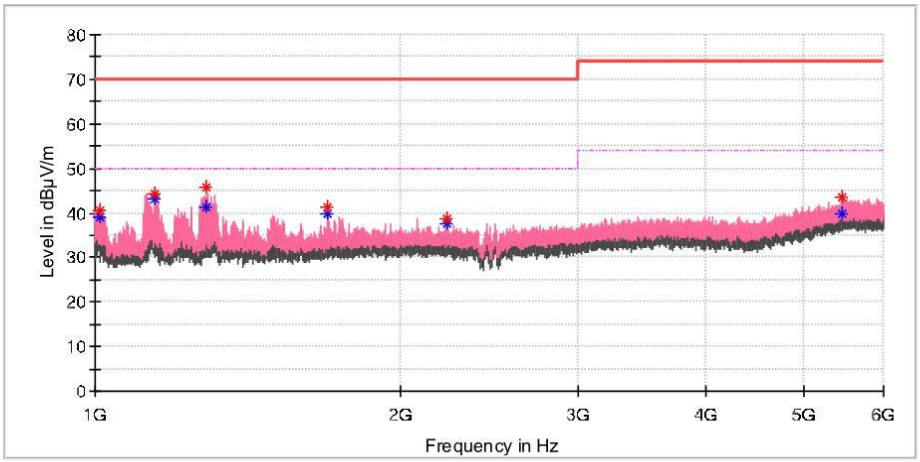
Frequency (MHz)	MaxPeak (dBµV/m	Average (dBµV/m	Limit (dBµV/m	Margin	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1024.583333	---	37.43	50.00	12.57	200.0	H	333.0	-7.0
1024.583333	38.90	---	70.00	31.10	200.0	H	333.0	-7.0
1202.083333	---	41.14	50.00	8.86	100.0	H	180.0	-6.3
1202.291667	42.38	---	70.00	27.62	100.0	H	180.0	-6.3
1396.458333	---	44.64	50.00	5.36	100.0	H	268.0	-5.7
1396.458333	45.79	---	70.00	24.21	100.0	H	268.0	-5.7
1512.291667	42.11	---	70.00	27.89	200.0	H	272.0	-5.2
1512.291667	---	41.62	50.00	8.38	200.0	H	272.0	-5.2
1840.208333	---	37.12	50.00	12.88	100.0	H	216.0	-3.8
1840.208333	39.34	---	70.00	30.66	100.0	H	216.0	-3.8
5568.750000	---	40.24	54.00	13.76	200.0	H	333.0	9.9
5568.750000	41.69	---	74.00	32.31	200.0	H	333.0	9.9

RE-1-6G-HDMI-E274F-BK-240V-V 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	HDMI input
Test Voltage:	AC 240V/50Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

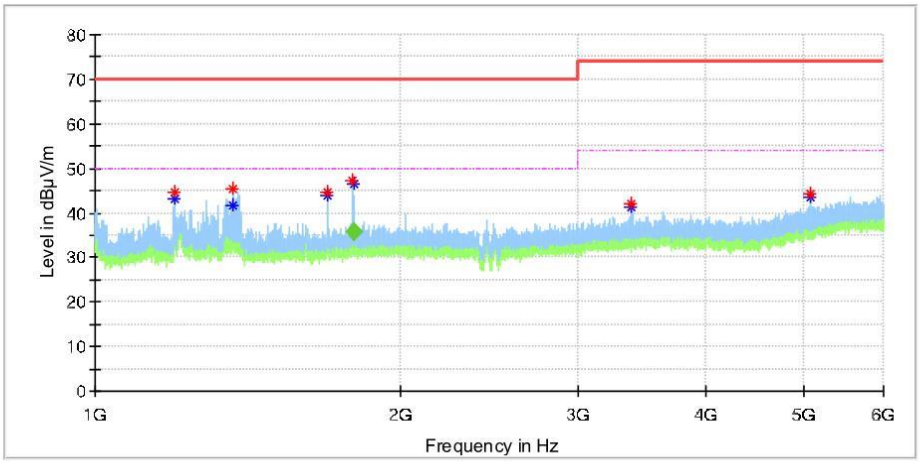
Frequency (MHz)	MaxPeak (dBµV/m	Average (dBµV/m	Limit (dBµV/m	Margin	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1011.666667	---	38.99	50.00	11.01	100.0	V	188.0	-7.1
1011.666667	40.51	---	70.00	29.49	100.0	V	188.0	-7.1
1147.500000	---	43.16	50.00	6.84	200.0	V	183.0	-6.6
1147.500000	44.20	---	70.00	25.80	200.0	V	183.0	-6.6
1286.666667	45.72	---	70.00	24.28	100.0	V	330.0	-6.0
1286.666667	---	41.43	50.00	8.57	100.0	V	330.0	-6.0
1694.166667	---	39.85	50.00	10.15	100.0	V	324.0	-4.5
1694.166667	41.17	---	70.00	28.83	100.0	V	324.0	-4.5
2225.208333	---	37.52	50.00	12.48	100.0	V	0.0	-3.0
2225.208333	38.86	---	70.00	31.14	100.0	V	0.0	-3.0
5453.750000	---	39.65	54.00	14.35	100.0	V	261.0	9.7
5454.166667	43.50	---	74.00	30.50	200.0	V	238.0	9.7

RE-1-6G-VGA-E274F-BK-100V-H 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	VGA+PC Audio in
Test Voltage:	AC 100V/60Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m	Average (dBµV/m	Limit (dBµV/m	Margin	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1197.083333	---	43.29	50.00	6.71	200.0	H	234.0	-6.3
1197.083333	44.54	---	70.00	25.46	200.0	H	234.0	-6.3
1370.000000	---	41.74	50.00	8.26	200.0	H	321.0	-5.8
1370.000000	45.25	---	70.00	24.75	200.0	H	321.0	-5.8
1694.166667	---	44.00	50.00	6.00	100.0	H	321.0	-4.5
1694.166667	44.49	---	70.00	25.51	100.0	H	321.0	-4.5
1793.125000	47.08	---	70.00	22.92	200.0	H	0.0	-4.0
1799.925000	---	46.53	50.00	3.47	200.0	H	325.0	-4.0
3387.916667	---	41.38	54.00	12.62	100.0	H	272.0	2.1
3387.916667	42.02	---	74.00	31.98	100.0	H	272.0	2.1
5082.083333	44.37	---	74.00	29.63	100.0	H	310.0	8.0
5082.291667	---	43.66	54.00	10.34	100.0	H	321.0	8.0

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.925000	---	35.75	50.00	14.25	1000.0	200.0	H	325.0	-4.0

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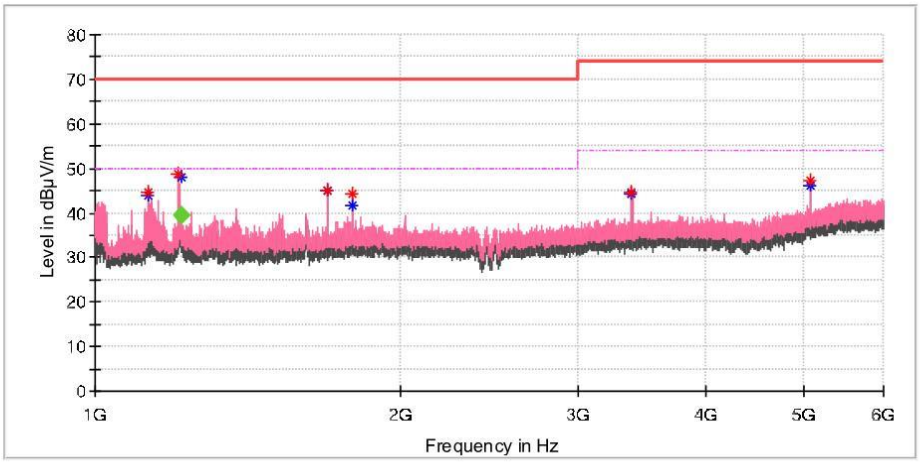
RE-1-6G-VGA-E274F-BK-100V-V 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	VGA+PC Audio in
Test Voltage:	AC 100V/60Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m	Average (dBµV/m	Limit (dBµV/m	Margin	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1126.875000	---	43.82	50.00	6.18	100.0	V	203.0	-6.7
1126.875000	44.57	---	70.00	25.43	100.0	V	203.0	-6.7
1208.541667	48.93	---	70.00	21.07	200.0	V	338.0	-6.3
1214.941667	---	48.14	50.00	1.86	200.0	V	0.0	-6.3
1693.958333	---	45.00	50.00	5.00	100.0	V	0.0	-4.5
1694.166667	45.17	---	70.00	24.84	100.0	V	0.0	-4.5
1792.083333	---	41.69	50.00	8.31	200.0	V	350.0	-4.0
1792.083333	44.30	---	70.00	25.70	200.0	V	350.0	-4.0
3388.125000	---	44.28	54.00	9.72	200.0	V	44.0	2.1
3388.125000	44.81	---	74.00	29.19	200.0	V	44.0	2.1
5082.291667	---	46.28	54.00	7.72	100.0	V	333.0	8.0
5082.291667	47.42	---	74.00	26.58	100.0	V	333.0	8.0

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1214.941667	---	39.58	50.00	10.42	1000.0	200.0	V	0.0	-6.3

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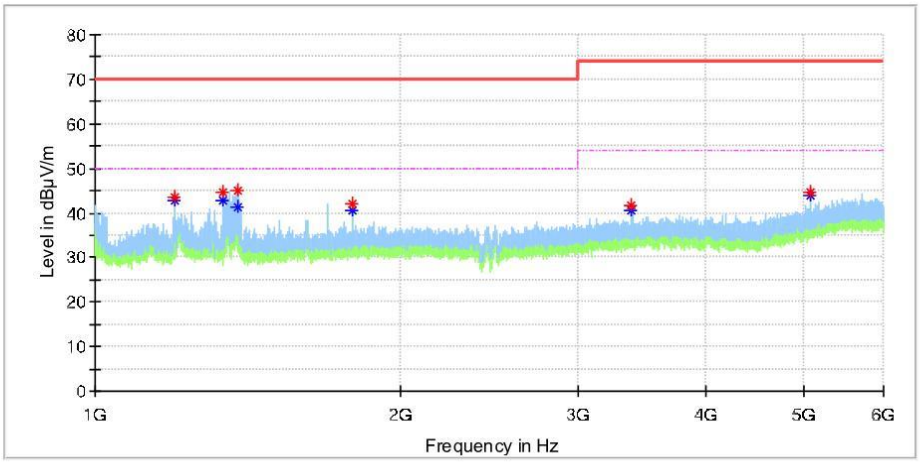
RE-1-6G-VGA-E274F-BK-240V-H 1 / 1

Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	VGA+PC Audio in
Test Voltage:	AC 240V/50Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m	Average (dBµV/m	Limit (dBµV/m	Margin	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1197.291667	43.62	---	70.00	26.38	200.0	H	244.0	-6.3
1197.291667	---	42.93	50.00	7.07	200.0	H	244.0	-6.3
1338.541667	---	42.70	50.00	7.30	100.0	H	349.0	-5.9
1338.541667	44.56	---	70.00	25.44	100.0	H	349.0	-5.9
1381.875000	45.07	---	70.00	24.93	100.0	H	356.0	-5.8
1381.875000	---	41.24	50.00	8.76	100.0	H	356.0	-5.8
1792.500000	42.11	---	70.00	27.89	200.0	H	285.0	-4.0
1793.333333	---	40.42	50.00	9.58	200.0	H	285.0	-4.0
3387.916667	41.55	---	74.00	32.45	100.0	H	260.0	2.1
3388.125000	---	40.65	54.00	13.35	100.0	H	260.0	2.1
5082.291667	44.66	---	74.00	29.34	200.0	H	312.0	8.0
5082.291667	---	44.01	54.00	9.99	200.0	H	312.0	8.0

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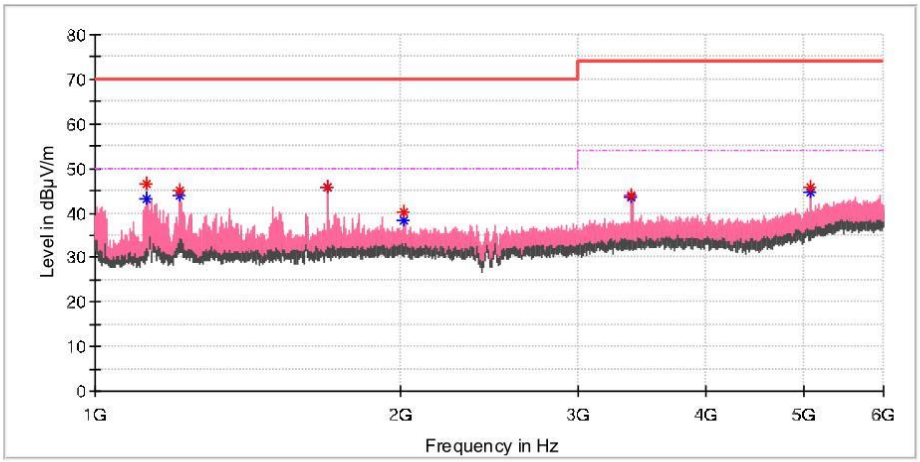
Test Report

EUT Information

EUT Name:	Desktop Monitor
Order Number:	
Model:	E274F-BK
Test Mode:	VGA+PC Audio in
Test Voltage:	AC 240V/50Hz
Standard:	EN 55032
Test By:/Review By:	Guangshen cen/Gary Chen
Tem./Hum./Pressure:	24.2°C/49.3%/101kPa
Remark:	10m Chamber



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m	Average (dBµV/m	Limit (dBµV/m	Margin	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1212.916667	45.13	---	70.00	24.87	100.0	V	68.0	-6.3
1212.916667	---	43.98	50.00	6.02	100.0	V	68.0	-6.3
1122.500000	---	43.07	50.00	6.93	100.0	V	194.0	-6.7
1122.708333	46.38	---	70.00	23.62	100.0	V	194.0	-6.7
5081.875000	---	44.56	54.00	9.44	100.0	V	339.0	8.0
5081.875000	45.72	---	74.00	28.28	100.0	V	339.0	8.0
1694.166667	---	45.74	50.00	4.26	100.0	V	358.0	-4.5
1694.166667	45.89	---	70.00	24.11	100.0	V	358.0	-4.5
2017.500000	---	38.33	50.00	11.67	200.0	V	0.0	-3.2
2017.500000	40.00	---	70.00	30.00	200.0	V	0.0	-3.2
3388.125000	43.76	---	74.00	30.24	200.0	V	39.0	2.1
3388.125000	---	43.40	54.00	10.60	200.0	V	39.0	2.1

Measurement Uncertainties

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus.

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor of k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Table 1: Measurement Uncertainty levels

Test	Parameters	Expanded uncertainty (U_{lab})	Expanded uncertainty (U_{cispr})
Conducted Emission	Level accuracy (9kHz to 150kHz) (150kHz to 30MHz)	± 3.70 dB ± 3.30 dB	± 3.8 dB ± 3.4 dB
Disturbance Power	Level accuracy (30MHz to 300MHz)	± 4.27 dB	± 4.5 dB
Electromagnetic Radiated Emission (Triple-loop)	Level accuracy (9kHz to 30MHz)	± 2.67 dB	N/A
Radiated Emission (3m SAC)	Level accuracy (30MHz to 1000MHz)	± 4.52 dB	± 6.3 dB
	Level accuracy (above 1000MHz)	± 4.37 dB	N/A
Radiated Emission (10m SAC)	Level accuracy (30MHz to 1000MHz)	± 4.66 dB	± 6.3 dB
	Level accuracy (above 1000MHz)	± 4.35 dB	N/A
Mains Harmonic	Current	± 4.60%	N/A
Voltage Fluctuations & Flicker	Voltage	± 0.64%	N/A

As U_{lab} in all applicable tests listed above are less than U_{cispr} according to CISPR 16-4-2:2011,

- compliance is deemed to occur if no measured disturbance exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance exceeds the disturbance limit.