Unique Number: 006151

TEST REPORT

Product Name : ICT/ITE POWER SUPPLY
Model Number : GTM96600-6016-R2, GTM96600-6015-R2, GTM96600-6019-R2, GTM96600-5409-R2

Prepared for	:	GlobTek, Inc.
Address	:	186 VETERANS DRIVE NORTHVALE NJ 07647 United States of America
Prepared by	:	EMTEK (SHENZHEN) CO., LTD.
Address	:	Building 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China Tel: (0755) 26954280 Fax: (0755) 26954282
Report Number	:	ENS2603300054E00101R
Date(s) of Tests	:	April 07, 2026 to April 14, 2026
Date of issue	:	April 15, 2026

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APPENDIX A: Photos of EUT
APPENDIX B: Critical Cmponent List

TEST REPORT DESCRIPTION

Applicant	:	GlobTek, Inc.
Manufacturer	:	GlobTek, Inc.
Trade Mark	:	G GlobTek, Inc.
EUT	:	ICT/ITE POWER SUPPLY
Model Number	:	GTM96600-6016-R2, GTM96600-6015-R2, GTM96600-6019-R2, GTM96600-5409-R2
Unique Number	:	006151
Rating	:	Input: 100-240V~, 50-60Hz, 1.5A GTM96600-6019-R2 Output: 19V⎓ 3.15A, 60W GTM96600-5409-R2 Output: 9V⎓ 6A, 54W GTM96600-6016-R2 Output: 16.0V⎓3.75A, 60.0W GTM96600-6015-R2 Output: 15.0V⎓4.0A, 60.0W

Measurement Procedure Used:

SANS 2332:2017/CISPR 32:2015
SANS 61000-3-2:2009/IEC 61000-3-2:2014, SANS 61000-3-3:2009/IEC 61000-3-3:2013
SANS 2335:2018/CISPR35:2016
(SANS 61000-4-2:2009/IEC 61000-4-2:2008,
SANS 61000-4-3:2008/IEC 61000-4-3:2006+A1:2007+A2:2010,
SANS 61000-4-4:2011/IEC 61000-4-4:2012, SANS 61000-4-5: 2006/IEC 61000-4-5:2014+A1:2017,
SANS 61000-4-6:2017/IEC 61000-4-6:2013, SANS 61000-4-8: 2009/IEC 61000-4-8:2009,
SANS 61000-4-11:2005/IEC 61000-4-11:2004+A1:2017)

The device described above is tested by EMTEK (SHENZHEN) CO., LTD. to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and EMTEK (SHENZHEN) CO., LTD. is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the SANS 2332/CISPR 32, SANS 61000-3-2/IEC 61000-3-2, SANS 61000-3-3/IEC 61000-3-3 and SANS 2335/CISPR 35 requirements.
This report applies to above tested sample only and shall not be reproduced in part without written approval of EMTEK (SHENZHEN) CO., LTD.

Date of Test	:	April 07, 2026 to April 14, 2026
Prepared by	:	Hu Min/Editor
Reviewer	:	Guo Kaimin/Supervisor
Approved & Authorized Signer	:	Wang Li/Manager

Modified Information

Version	Report No.	Revision Date	Summary
/	ENS2603300054E00101R	/	Original Report

1. DESCRIPTION OF STANDARDS AND RESULTS (EUT)

EMISSION			
Description of Test Item	Standard	Limits	Results
Conducted Emissions From the AC Mains Power Ports	**SANS 2332:2017/CISPR 32:2015**	Class B	Pass
Asymmetric mode conducted emissions at Wired network ports	**SANS 2332:2017/CISPR 32:2015**	Class B	N/A
Radiated emissions at frequencies up to 1 GHz	**SANS 2332:2017/CISPR 32:2015**	Class B	Pass
Radiated emissions at frequencies above 1 GHz	**SANS 2332:2017/CISPR 32:2015**	Class B	N/A
Harmonic Current Emissions	**SANS 61000-3-2:2009/IEC 61000-3-2:2014**	Class A	N/A
Voltage Fluctuation and Flicker	**SANS 61000-3-3:2009/IEC 61000-3-3:2013**	Section 5	Pass

IMMUNITY				
Description of Test Item		Basic Standard	Performance Criteria	Results
Electrostatic Discharge	Enclosure ports	**SANS 61000-4-2:2009/IEC 61000-4-2:2008**	B	Pass
Continuous RF electromagnetic field disturbances	Enclosure ports	**SANS 61000-4-3:2008/IEC 61000-4-3:2006+A1:2007+A2:2010**	A	Pass
Electrical fast transients/burst	AC mains power ports	**SANS 61000-4-4:2011/IEC 61000-4-4:2012**	B	Pass
	Analogue/digital data ports		N/A	N/A
	DC network power ports		N/A	N/A
Surges	AC mains power ports	**SANS 61000-4-5:2006/IEC 61000-4-5:2014+A1:2017**	B	Pass
	Analogue/digital data ports		N/A	N/A
	DC network power ports		N/A	N/A
Continuous induced RF disturbances	AC mains power ports	**SANS 61000-4-6:2017/IEC 61000-4-6:2013**	A	Pass
	Analogue/digital data ports		N/A	N/A
	DC network power ports		N/A	N/A
Power frequency magnetic field	Enclosure ports	**SANS 61000-4-8:2009/IEC 61000-4-8:2009**	A	Pass
Voltage dips and interruptions	AC mains power ports	**SANS 61000-4-11:2005/IEC 61000-4-11:2004+A1:2017**	B,C	Pass
Note: N/A is an abbreviation for Not Applicable.				

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

EUT	:	ICT/ITE POWER SUPPLY
Model Number	:	GTM96600-6016-R2, GTM96600-6015-R2, GTM96600-6019-R2, GTM96600-5409-R2 (Note: All the models are similar to each other except for model name, PCB Layout, output rating. for trading purpose. We prepare GTM96600-6019-R2 and GTM96600-5409-R2 for test.)
Applicant	:	GlobTek, Inc.
Address	:	186 VETERANS DRIVE NORTHVALE NJ 07647 United States of America
Manufacturer	:	GlobTek, Inc.
Address	:	186 VETERANS DRIVE NORTHVALE NJ 07647 United States of America
Factory	:	GlobTek (Suzhou) Co., Ltd
Address	:	Building 4, No. 76 JinLing East Road, Suzhou Industrial Park, Suzhou, JiangSu, 215021, China
Date of Received	:	April 07, 2026
Date of Test	:	April 07, 2026 to April 14, 2026

2.2. Independent Operation Modes

A. ON
1. Full Load

2.3. Test Manner

Details of EUT Test Modes:

Test Items	Test Voltage	Function Type	Worst case
Conducted disturbance at mains Terminals	AC 220V/50Hz	Mode A	Mode A
Radiated emissions at frequencies up to 1 GHz	AC 220V/50Hz	Mode A	Mode A
Harmonic Current Emissions	AC 220V/50Hz	Mode A	\
Voltage Fluctuation and Flicker	AC 220V/50Hz	Mode A	\
Electrostatic Discharge	AC 220V/50Hz	Mode A	\
Continuous RF electromagnetic field disturbances	AC 220V/50Hz	Mode A	\
Electrical fast transients/burst	AC 220V/50Hz	Mode A	\
Surges	AC 220V/50Hz	Mode A	\
Continuous induced RF disturbances	AC 220V/50Hz	Mode A	\
Power frequency magnetic field	AC 220V/50Hz	Mode A	\
Voltage dips and interruptions	AC 220V/50Hz	Mode A	\

2.4. Description of Support Device

N/A

2.5. Description of Test Facility

Site Description

EMC Lab. : **Accredited by CNAS**
The Certificate Registration Number is L2291.
The Laboratory has been assessed and proved to be in compliance with CNAS-CL01 (identical to ISO/IEC 17025:2017)

Accredited by FCC
Designation Number: CN1204
Test Firm Registration Number: 882943

Accredited by A2LA
The Certificate Number is 4321.01.

Accredited by Industry Canada
The Conformity Assessment Body Identifier is CN0008

Name of Firm : EMTEK (SHENZHEN) CO., LTD.

Site Location : Building 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China

2.6. Measurement Uncertainty

Test Item		Uncertainty
Conducted Emission Uncertainty (Conduction 2#)	:	1.55dB(9k~150kHz)---AMN 2.35dB(150k-30MHz)---AMN
Radiated Emission Uncertainty (3m 1# Chamber)	:	3.92dB (30M~1GHz Polarize: H) 4.54dB (30M~1GHz Polarize: V)
Uncertainty for Flicker test	:	0.514%
Uncertainty for Harmonic test	:	4.04%
ESD Test	:	Rise time tr: 7.46 % Peak current Ip: 6.06 % Current at 30 ns: 6 % Current at 60 ns: 6 %
Surge Test	:	Rise time tr: 0.12 Peak Voltage vp: 4.69 % Pulse width tw: 0.24
Uncertainty for C/S Test	:	0.94dB(Using CDN Test) 2.37dB(Using EM Clamp Test)
Uncertainty for R/S Test	:	1.53dB(80MHz-3000MHz)
Uncertainty for test site temperature and humidity	:	0.6℃ 4%

3. MEASURING DEVICE AND TEST EQUIPMENT

3.1. For Conducted Emissions at the AC Mains Power Ports

Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
☑	EMI Test Receiver	Rohde & Schwarz	ESCI	101045	May 09, 2025	1 Year
☑	PULSE LIMITER	Schwarzbeck	VTSD 9561 F-B	00955	May 09, 2025	1 Year
☑	AMN	Rohde & Schwarz	ESH3-Z5	100191	May 09, 2025	1 Year

3.2. For Radiated Emission Measurement (3m)

Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
☑	EMI Test Receiver	Rohde & Schwarz	ESCI	101414	May 09, 2025	1 Year
☑	Pre-Amplifier	HP	8447F	2944A07999	May 09, 2025	1 Year
☑	Bilog Antenna	Schwarzbeck	VULB9163	141	June 15, 2024	2 Year

3.3. For Harmonic Current / Flicker Measurement

Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
☑	45KVA AC Power source	Teseq	NSG 1007-45/45KVA	1305A02873	May 10, 2025	1 Year
☑	Signal conditioning Unit	Teseq	CCN 1000-3	1305A02873	May 10, 2025	1 Year
☑	Impedance network	Teseq	INA2197/37A	1305A02873	May 10, 2025	1 Year
☑	Impedance network	Teseq	INA 2196/75A	1305A02874	May 10, 2025	1 Year
☐	Profline 2100 AC Switching Unit	Teseq	NSG 2200-3	A22714	May 10, 2025	1 Year

3.4. For Electrostatic Discharge Immunity Test

Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
☑	ESD Tester	TESEQ	NSG 438	1881	April 27, 2025	1 Year

3.5. For Continuous RF Electromagnetic Field Disturbances Immunity

Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
☑	Power Amplifier	MILMEGA	AS0102-55	1018770	May 09, 2025	1 Year
☑	RF Power Meter. Dual Channel	BOONTON	4232A	10539	May 09, 2025	1 Year
☑	Log.-Per. Antenna	SCHWARZBECK	STLP 9129-7/16	3050	N/A	N/A
☑	Signal Generator	Agilent	N5181A	MY50145187	May 09, 2025	1 Year
☑	50ohm Diode Power Sensor	BOONTON	51011EMC	36164	May 09, 2025	1 Year
☑	Field Strength Meter	DARE	RSS1006A	10I00037SNO 22	May 13, 2025	1 Year
☑	Multi-function interface system	DARE	CTR1009B	12I00250SNO 72	N/A	N/A
☑	Automatic switch group	DARE	RSW1004A	N/A	N/A	N/A
☑	Power Amplifier	MILMEGA	AS1860-50	1059346	Nov. 07, 2025	1 Year
☑	Power Amplifier	Vectawave	VBA 1000-600C	133627	Oct. 16, 2025	1 Year
☑	Directional Coupler	BONN	BDC 0810-50/1500	2229689	Oct. 16, 2025	1 Year

3.6. For Electrical Fast Transient / Burst Immunity Test

Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
☑	Burst Tester	Partner	IMU-MGS	109938-1635	Oct. 18, 2025	1 Year
☐	Coupling Clamp	HAEFELY	IP-4A	147147	May 09, 2025	1 Year

3.7. For Surge Immunity Test

Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
☑	Controller	HAEFELY	Psurge 8000	174031	May 10, 2025	1 Year
☑	Impulse Module	HAEFELY	PIM 100	174124	Aug. 08, 2025	1 Year
☑	Coupling Decoupling	HAEFELY	PCD 130	172181	May 10, 2025	1 Year
☐	Coupling Module	HAEFELY	PCD122	174354	May 10, 2025	1 Year
☐	Impulse Module	HAEFELY	PIM 120	174435	May 10, 2025	1 Year
☐	Coupling Module	HAEFELY	PCD 126A	174387	Aug. 08, 2025	1 Year
☐	Impulse Module	HAEFELY	PIM 110	174391	May 10, 2025	1 Year
☐	Impulse Module	HAEFELY	PIM 150	178707	May 10, 2025	1 Year
☐	Impulse Module	PMI	PCDN8	190422	Aug. 08, 2025	1 Year

3.8. For Continuous Induced RF Disturbances Immunity Test

Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
☑	Continuous Wave Simulator	EMTEST	CWS500C	0900-12	May 11, 2025	1 Year
☐	CDN	EMTEST	CDN-M2	510010010010	May 10, 2025	1 Year
☑	CDN	EMTEST	CDN-M3	0900-11	May 10, 2025	1 Year
☐	EM Injection Clamp	EMTEST	F-2031-23MM	368	May 09, 2025	1 Year
☑	Attenuator	EMTEST	100W 6dB DC-3G	/	May 11, 2025	1 Year
☑	Signal Generator	R&S	SMB100A	103041	May 09, 2025	1 Year
☑	Power meter	AGILENT	E4418B	MY45102886	May 11, 2025	1 Year
☑	Directional coupler	SKET	DC_0110000M-100W	SK2018080301	May 11, 2025	1 Year

3.9. For Power Frequency Magnetic Field Immunity Test

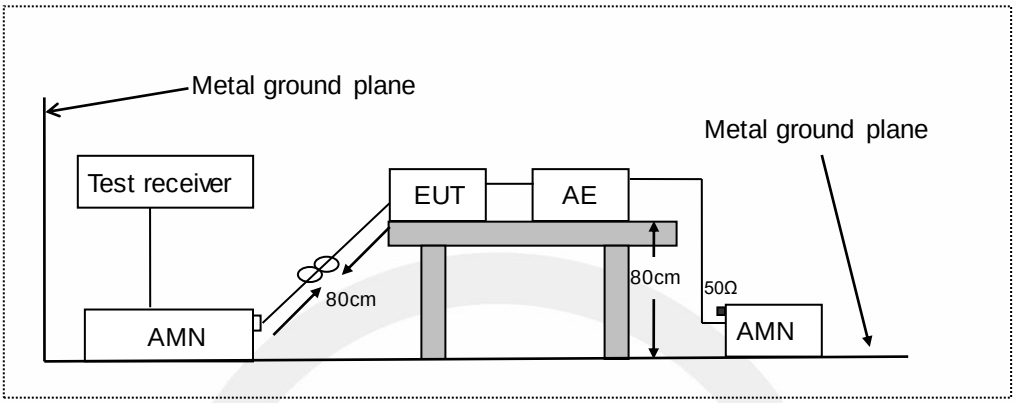
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
☑	Magnetic Field Tester	HAEFELY	MAG100	250040.1	May 10, 2025	1 Year

3.10. For Voltage Dips and Interruptions Immunity Test

Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
☑	45KVA AC Power source	Teseq	NSG 1007-45/45KVA	1305A02873	May 10, 2025	1 Year
☐	Signal conditioning Unit	Teseq	CCN 1000-3	1305A02873	May 10, 2025	1 Year
☐	Impedance network	Teseq	INA2197/37A	1305A02873	May 10, 2025	1 Year
☐	Impedance network	Teseq	INA 2196/75A	1305A02874	May 10, 2025	1 Year
☑	Profline 2100 AC Switching Unit	Teseq	NSG 2200-3	A22714	May 10, 2025	1 Year

4. CONDUCTED EMISSIONS FROM THE AC MAINS POWER PORTS

4.1. Block Diagram of Test Setup



AMN: Artificial Mains Network
AE: Associated equipment
EUT: Equipment under test

4.2. Limits

SANS 2332/CISPR 32

Frequency range MHz	Coupling device	Detector type / bandwidth	Class B limits dB(μV)
0.15 to 0.5	AMN	Quasi Peak / 9 kHz	66 to 56
0.5 to 5			56
5 to 30			60
0.15 to 0.5	AMN	Average / 9 kHz	56 to 46
0.5 to 5			46
5 to 30			50

4.3. Test Procedure

The EUT was placed on a desk 0.8 m height from the metal ground plane and 0.4 m from the conducting wall of the shielding room and it was kept at least 0.8 m from any other grounded conducting surface. The size of the table will nominally be 1.5 m x1.0 m.

The rear of the arrangement shall be flush with the back of the supporting tabletop unless that would not be possible or typical of normal use.

All units of equipment forming the system under test (includes the EUT as well as connected peripherals and associated equipment or devices) shall be arranged such that a nominal 0.1 m separation is achieved between the neighboring units.

Connect EUT to the power mains through a artificial mains network (AMN). Where the mains cable supplied by the manufacturer is longer than 1 m, the excess should be folded at the centre into a bundle

no longer than 0.4 m, so that its length is shortened to 1 m.

All the support units are connecting to the other AMN.

The AMN provides 50 ohm coupling impedance for the measuring instrument.

The CISPR states that the AMN with 50 ohm and 50 microhenry should be used.

Both sides of AC line were checked for maximum conducted interference.

The frequency range from 150 kHz to 30 MHz was sweep.

Set the test-receiver system to quasi peak detect function and average detect function, and to measure the conducted emissions values.

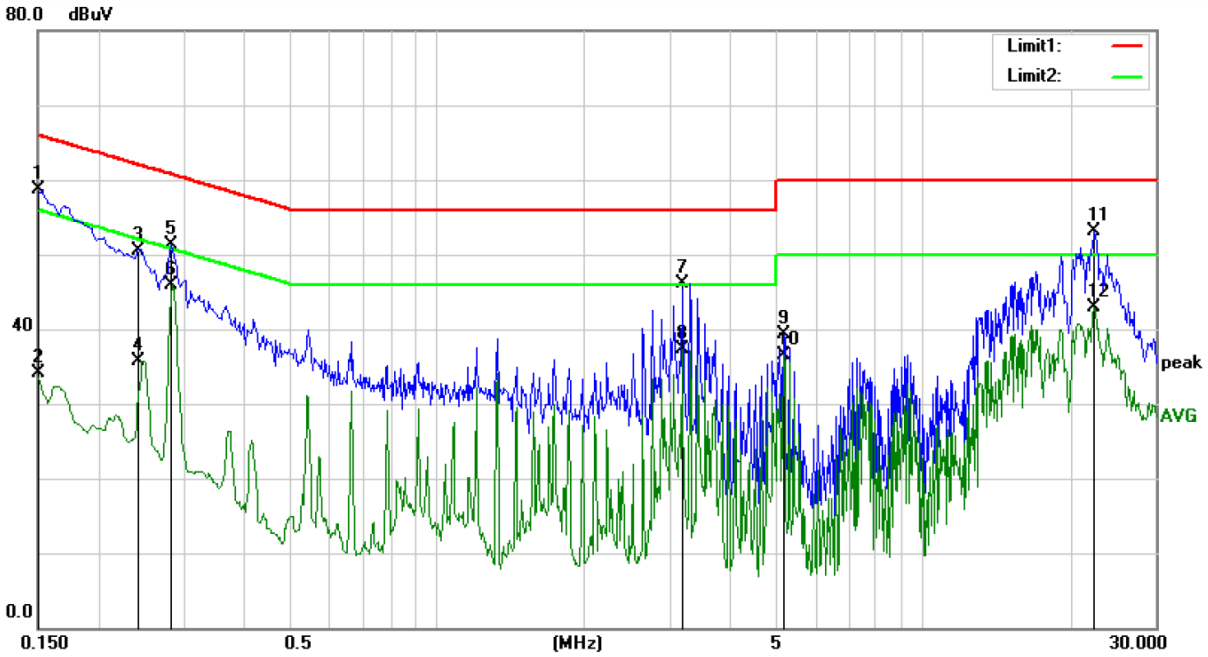
Test results were obtained from the following equation:
Emission Level (dBµV) = AMN Factor (dB) + Cable Loss (dB) + Reading (dBµV)
Margin (dB) = Emission Level (dBµV) - Limit (dBµV)

4.4. Measuring Results

PASS.

All the modes were tested and the data of the worst modes are attached the following pages.

GTM96600-6019-R2



Site Conduction 2# Phase: *L1* Temperature: 25.2

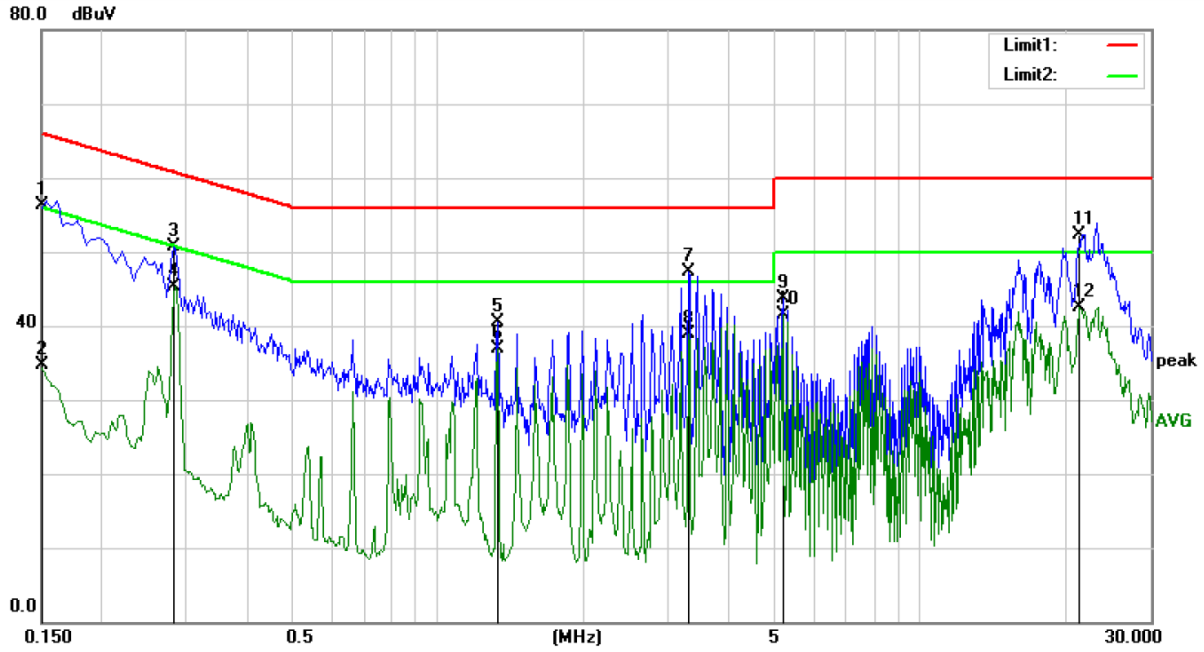
Limit: (CE)CISPR32 class B_QP Power: AC 220V/50Hz Humidity: 46 %

Mode: Full load

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	48.18	10.53	58.71	66.00	-7.29	QP	
2		0.1500	23.59	10.53	34.12	56.00	-21.88	AVG	
3		0.2420	40.03	10.57	50.60	62.03	-11.43	QP	
4		0.2420	25.20	10.57	35.77	52.03	-16.26	AVG	
5		0.2820	40.64	10.58	51.22	60.76	-9.54	QP	
6	*	0.2820	35.27	10.58	45.85	50.76	-4.91	AVG	
7		3.1820	35.36	10.68	46.04	56.00	-9.96	QP	
8		3.1820	26.53	10.68	37.21	46.00	-8.79	AVG	
9		5.1660	28.47	10.77	39.24	60.00	-20.76	QP	
10		5.1660	25.75	10.77	36.52	50.00	-13.48	AVG	
11		22.3660	41.58	11.44	53.02	60.00	-6.98	QP	
12		22.3660	31.56	11.44	43.00	50.00	-7.00	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Huang Junjie



Site Conduction 2# Phase: N Temperature: 25.2

Limit: (CE)CISPR32 class B_QP Power: AC 220V/50Hz Humidity: 46 %

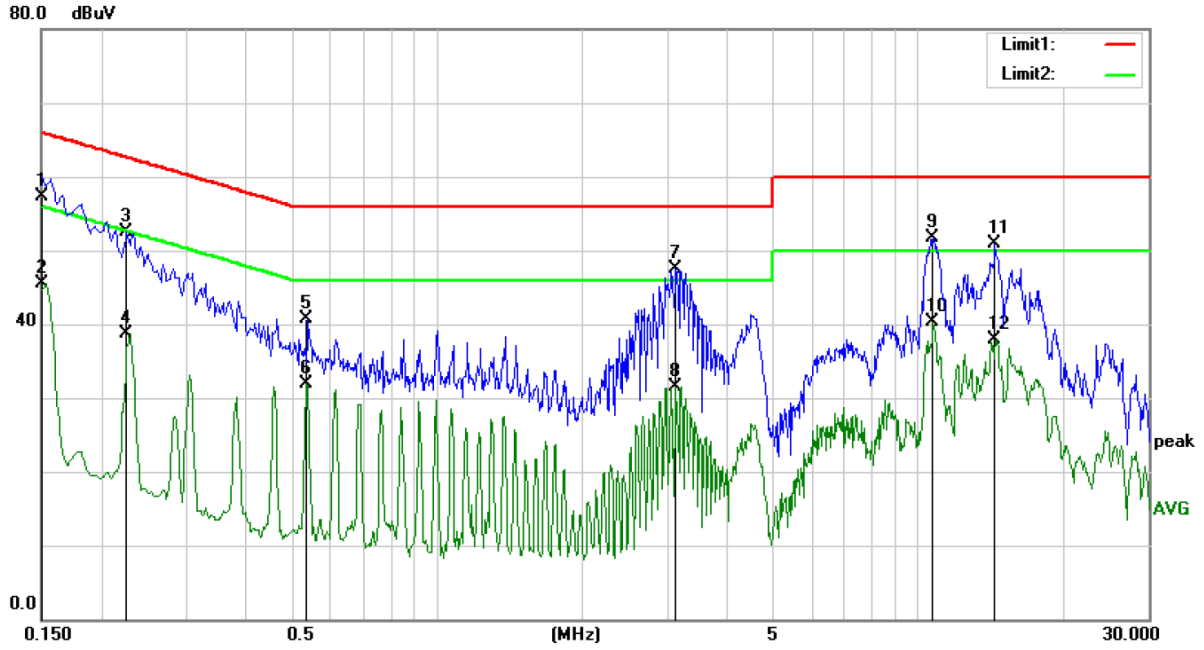
Mode: Full load

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	45.70	10.53	56.23	66.00	-9.77	QP	
2		0.1500	24.14	10.53	34.67	56.00	-21.33	AVG	
3		0.2820	40.16	10.58	50.74	60.76	-10.02	QP	
4	*	0.2820	34.79	10.58	45.37	50.76	-5.39	AVG	
5		1.3260	29.82	10.59	40.41	56.00	-15.59	QP	
6		1.3260	26.26	10.59	36.85	46.00	-9.15	AVG	
7		3.3100	36.61	10.68	47.29	56.00	-8.71	QP	
8		3.3100	28.16	10.68	38.84	46.00	-7.16	AVG	
9		5.1700	32.86	10.77	43.63	60.00	-16.37	QP	
10		5.1700	30.69	10.77	41.46	50.00	-8.54	AVG	
11		21.3100	40.94	11.44	52.38	60.00	-7.62	QP	
12		21.3100	31.13	11.44	42.57	50.00	-7.43	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Huang Junjie

GTM96600-5409-R2



Site Conduction 2# Phase: *L1* Temperature: 25.2

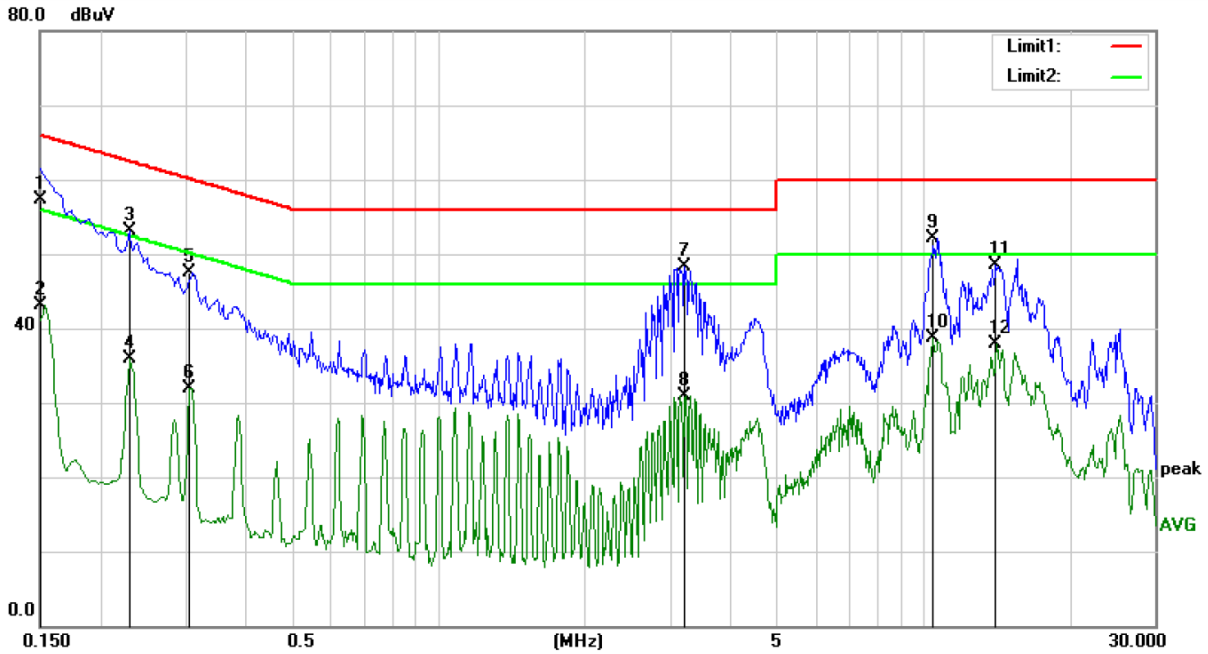
Limit: (CE)CISPR32 class B_QP Power: AC 220V/50Hz Humidity: 46 %

Mode: Full load

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	46.77	10.53	57.30	66.00	-8.70	QP	
2		0.1500	35.03	10.53	45.56	56.00	-10.44	AVG	
3		0.2260	41.90	10.57	52.47	62.60	-10.13	QP	
4		0.2260	28.16	10.57	38.73	52.60	-13.87	AVG	
5		0.5340	30.16	10.61	40.77	56.00	-15.23	QP	
6		0.5340	21.22	10.61	31.83	46.00	-14.17	AVG	
7		3.1300	36.83	10.68	47.51	56.00	-8.49	QP	
8		3.1300	20.77	10.68	31.45	46.00	-14.55	AVG	
9	*	10.7140	40.57	11.05	51.62	60.00	-8.38	QP	
10		10.7140	29.21	11.05	40.26	50.00	-9.74	AVG	
11		14.3980	39.53	11.37	50.90	60.00	-9.10	QP	
12		14.3980	26.51	11.37	37.88	50.00	-12.12	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Huang Junjie



Site Conduction 2# Phase: N Temperature: 25.2

Limit: (CE)CISPR32 class B QP Power: AC 220V/50Hz Humidity: 46 %

Mode: Full load

Note:

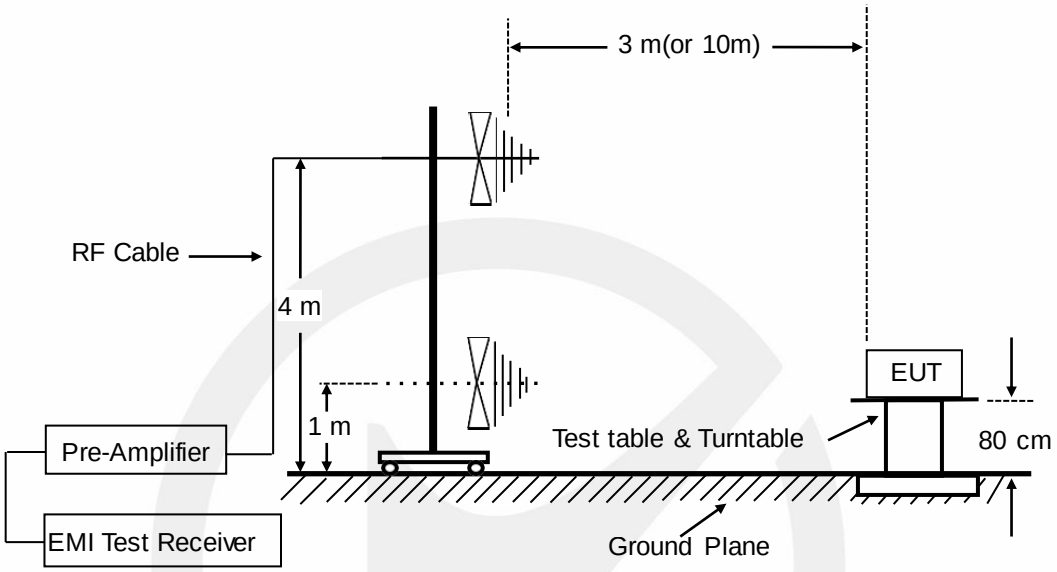
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	46.77	10.53	57.30	66.00	-8.70	QP	
2		0.1500	32.66	10.53	43.19	56.00	-12.81	AVG	
3		0.2300	42.47	10.57	53.04	62.45	-9.41	QP	
4		0.2300	25.24	10.57	35.81	52.45	-16.64	AVG	
5		0.3060	36.83	10.58	47.41	60.08	-12.67	QP	
6		0.3060	21.36	10.58	31.94	50.08	-18.14	AVG	
7	*	3.2220	37.55	10.68	48.23	56.00	-7.77	QP	
8		3.2220	20.28	10.68	30.96	46.00	-15.04	AVG	
9		10.4700	41.16	11.02	52.18	60.00	-7.82	QP	
10		10.4700	27.67	11.02	38.69	50.00	-11.31	AVG	
11		14.0900	37.09	11.35	48.44	60.00	-11.56	QP	
12		14.0900	26.63	11.35	37.98	50.00	-12.02	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Huang Junjie

5. RADIATED EMISSION MEASUREMENT (UP TO 1GHz)

5.1. Block Diagram of Test Setup

UP TO 1GHz:



5.2. Measuring Standard

SANS 2332/CISPR 32

Frequency range MHz	Measurement			Class B limits dB(μV/m)
	Facility	Distance (m)	Detector type / bandwidth	
30 to 230	OATS/SAC	10	Quasi Peak / 120 kHz	30
230 to 1 000				37
30 to 230	OATS/SAC	3		40
230 to 1 000				47

5.3. Test Procedure

The EUT was placed on a non-conductive table whose total height equaled 80cm. All units of equipment forming the system under test (includes the EUT as well as connected peripherals and associated equipment or devices) shall be arranged such that a nominal 0.1 m separation is achieved between the neighboring units. Where the mains cable supplied by the manufacturer is longer than 1 m, the excess should be folded at the centre into a bundle no longer than 0.4 m, so that its length is shortened to 1 m.

The EUT was set 3 meters (or 10 meters) away from the receiving antenna that was mounted on a non-conductive mast. The antenna can move up and down between 1 to 4 meters to find out the maximum emission level.

The turntable can rotate 360 degree to determine the position of the maximum emission level.

The initial testing identified the frequency that has the highest disturbance relative to the limit while operating the EUT in typical modes of operation and cable positions in a test setup representative of typical system configuration.

The identification of the frequency of highest emission with respect to the limit was found by investigating emissions at a number of significant frequencies. The probable frequency of maximum emission had been found and that the associated cable and EUT configuration and mode of operation had been identified.

The bandwidth of the Receiver is set at 120 kHz.

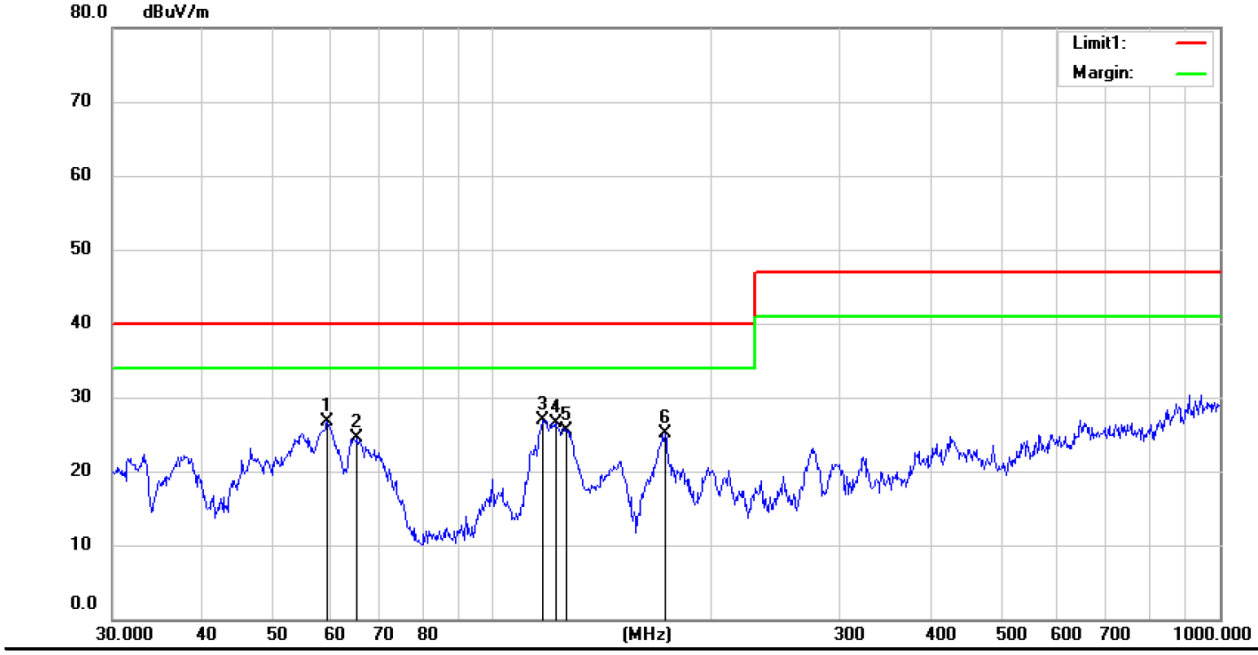
Test results were obtained from the following equation:
Emission level (dBμV/m) = Antenna Factor -Amp Factor +Cable Loss + Reading
Margin (dB) = Emission Level (dBμV/m) - Limit (dBμV/m)

5.4. Measuring Results

PASS.

All the modes were tested and the data of the worst modes are attached the following pages.

GTM96600-6019-R2



Site 3m Chamber #1 Polarization: *Horizontal* Temperature: 24.7 C

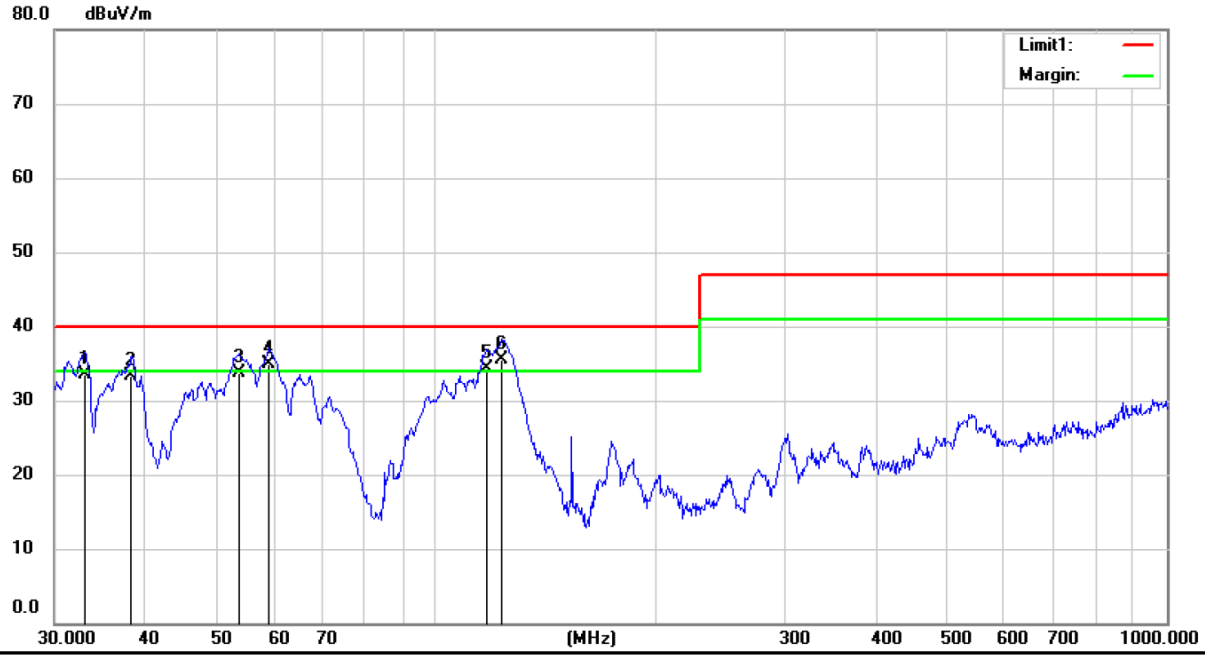
Limit: (RE)CISPR32 class B Power: AC 220V/50Hz Humidity: 55 %

Mode: Full load

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		59.2844	38.63	-12.02	26.61	40.00	-13.39	QP			
2		65.3146	38.13	-13.63	24.50	40.00	-15.50	QP			
3	*	117.6693	40.57	-13.73	26.84	40.00	-13.16	QP			
4		122.3504	40.93	-14.41	26.52	40.00	-13.48	QP			
5		126.3840	40.26	-14.68	25.58	40.00	-14.42	QP			
6		173.0533	39.36	-14.32	25.04	40.00	-14.96	QP			

*:Maximum data x:Over limit !:over margin Operator: Wei Yuhao



Site 3m Chamber #1 Polarization: *Vertical* Temperature: 24.7 C

Limit: (RE)CISPR32 class B Power: AC 220V/50Hz Humidity: 55 %

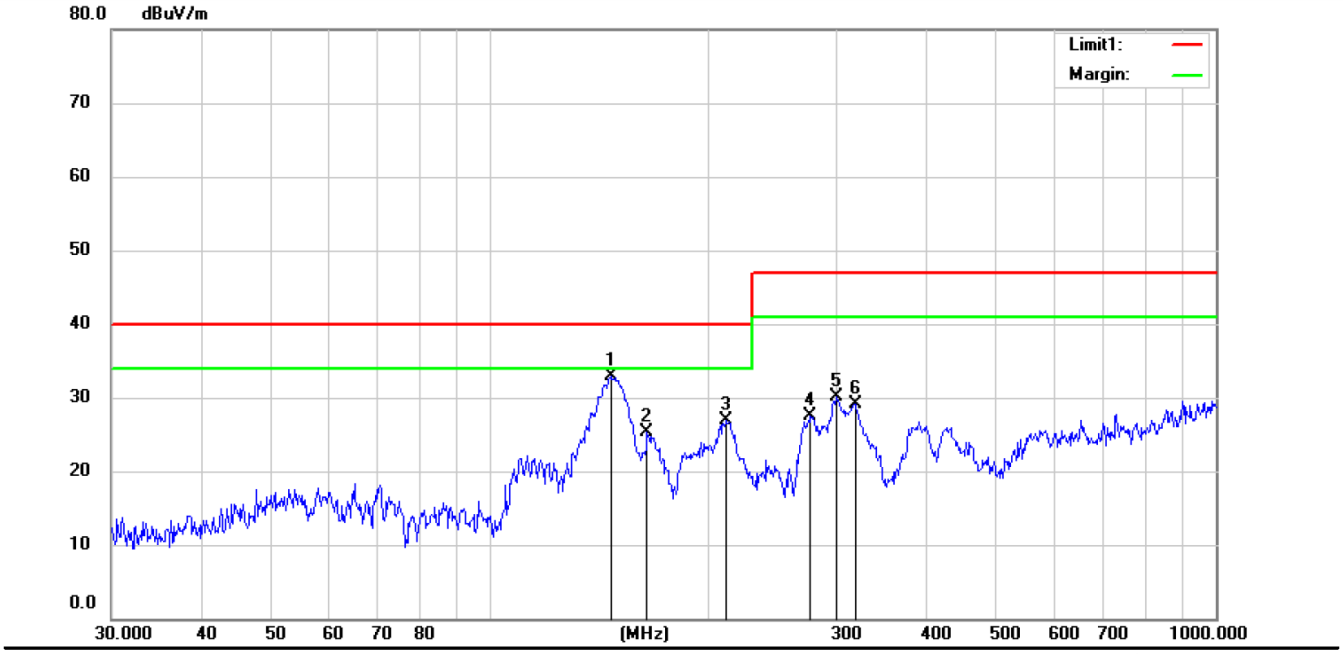
Mode:Full load

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		33.0515	47.71	-14.11	33.60	40.00	-6.40	QP			
2		38.2958	46.57	-13.27	33.30	40.00	-6.70	QP			
3		53.7167	45.12	-11.32	33.80	40.00	-6.20	QP			
4	!	59.2065	46.90	-12.00	34.90	40.00	-5.10	QP			
5	!	117.5662	48.01	-13.71	34.30	40.00	-5.70	QP			
6	*	123.1035	50.06	-14.46	35.60	40.00	-4.40	QP			

*:Maximum data x:Over limit !:over margin Operator: Wei Yuhao

GTM96600-5409-R2



Site 3m Chamber #1 Polarization: *Horizontal* Temperature: 24.7 C

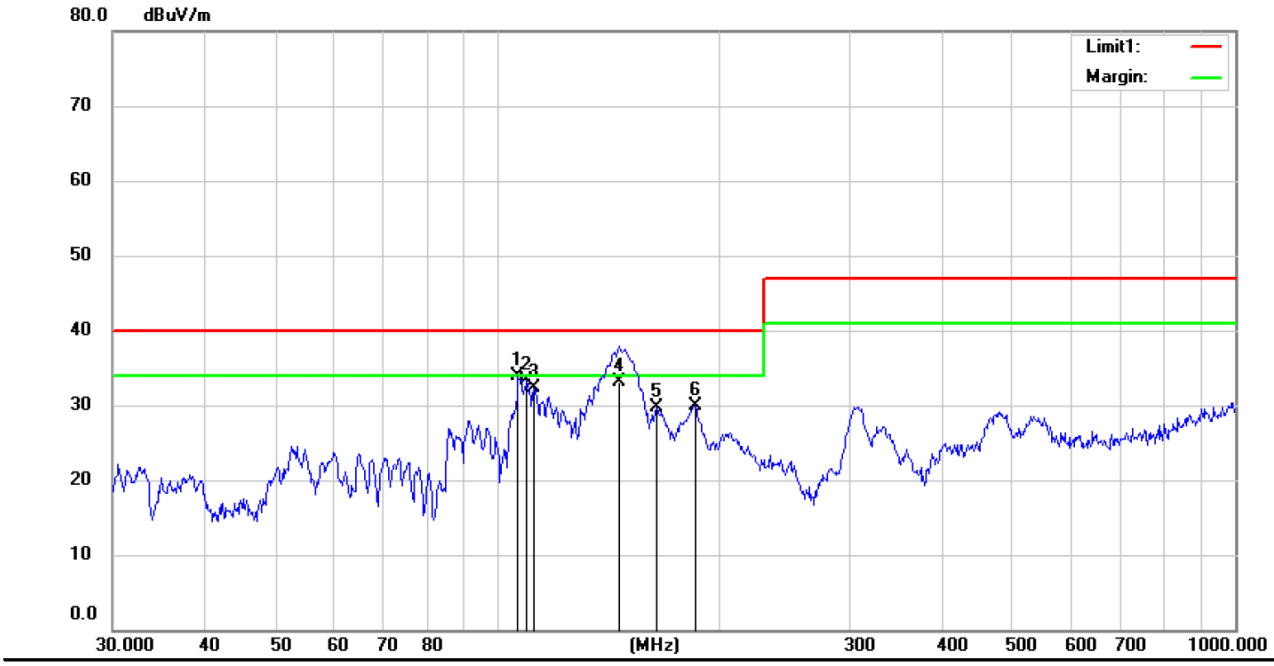
Limit: (RE)CISPR32 class B Power: AC 220V/50Hz Humidity: 55 %

Mode: Full load

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	146.8233	48.08	-15.10	32.98	40.00	-7.02	QP			
2		164.8352	39.51	-14.23	25.28	40.00	-14.72	QP			
3		211.8977	38.41	-11.43	26.98	40.00	-13.02	QP			
4		276.7294	37.09	-9.51	27.58	47.00	-19.42	QP			
5		299.4471	38.60	-8.47	30.13	47.00	-16.87	QP			
6		319.3765	37.47	-8.37	29.10	47.00	-17.90	QP			

*:Maximum data x:Over limit !:over margin Operator: Wei Yuhao



Site 3m Chamber #1 Polarization: *Vertical* Temperature: 24.7 C

Limit: (RE)CISPR32 class B Power: AC 220V/50Hz Humidity: 55 %

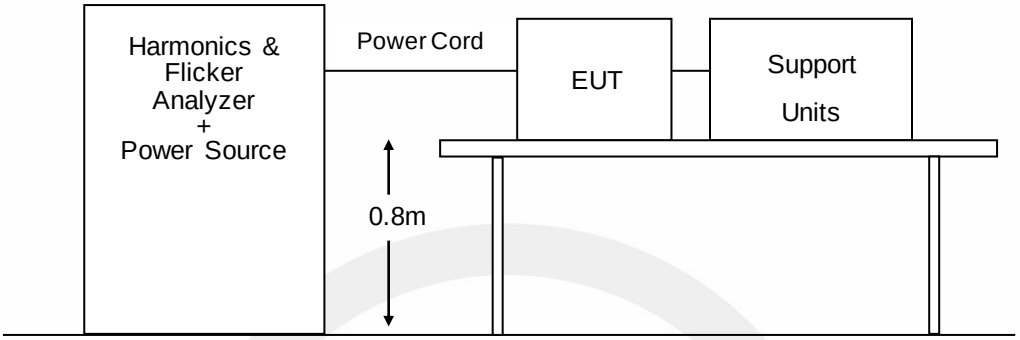
Mode: Full load

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	106.6652	46.35	-12.54	33.81	40.00	-6.19	QP			
2		109.5556	45.80	-12.55	33.25	40.00	-6.75	QP			
3		112.1305	45.15	-12.78	32.37	40.00	-7.63	QP			
4		146.2452	48.24	-15.04	33.20	40.00	-6.80	QP			
5		164.5465	44.02	-14.27	29.75	40.00	-10.25	QP			
6		185.3003	43.07	-13.25	29.82	40.00	-10.18	QP			

6. HARMONIC CURRENT EMISSION MEASUREMENT

6.1. Block Diagram of Test Setup



6.2. Standard Limits

SANS 61000-3-2/IEC 61000-3-2, CLASS A
Harmonic current emissions evaluate the potential for the EUT to cause distortion on the AC power lines. It is applicable to electrical and electronic equipment having an input current≤16 A per phase, and intended to be connected to public low-voltage distribution systems

Table 1 - Limits for Class A equipment

Harmonic order n	Maximum permissible harmonic current (A)
Odd harmonics	
3	2.30
5	1.14
7	0.77
9	0.40
11	0.33
13	0.21
$15 \le n \le 39$	$0.15 \frac{0.15}{n}$
Even harmonics	
2	1.08
4	0.43
6	0.30
$8 \le n \le 40$	$0.23 \frac{8}{n}$

6.3. Test Procedure

The measurement of harmonic currents shall be performed as follows: i. For each harmonic order, measure the 1.5 s smoothed r.m.s. harmonic current in each DFT time window as defined in EN / IEC 61000-4-7:2009. ii. Calculate the arithmetic average of the measured values from the DFT time windows, over the entire observation period Short cyclic (T cycle≤2.5 min). Because of synchronisation to meet the requirements for repeatability in 5%.

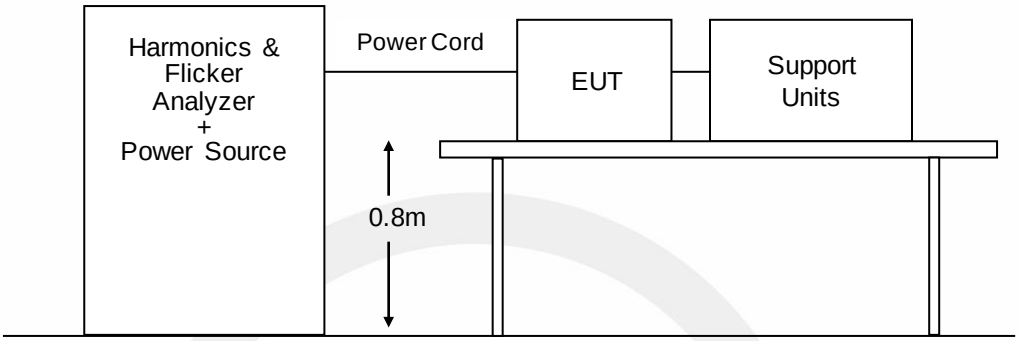
6.4. Test Results

N/A.

As specified on section 7 and above figure of EN 61000-3-2, the limits are not specified for equipment with a rated power of 75W or less. The EUT meets the above condition, so it conforms to EN 61000-3-2.

7. VOLTAGE FLUCTUATION AND FLICKER MEASUREMENT

7.1. Block Diagram of Test Setup



7.2. Standard Limits

SANS 61000-3-3/IEC 61000-3-3 Limits
The objective of voltage changes, voltage fluctuations and flicker in public low voltage supply systems during equipment with rated current≤16 A per phase, ensures that home appliances and certain other electrical equipment do not adversely affect lighting equipment when connected to the same power system.
Voltage Fluctuation and Flicker Limits:
— the value of Pst shall not be greater than 1.0;
— the value of Plt shall not be greater than 0.65;
— the value of d(t) during a voltage change shall not exceed 3.3 % for more than 500 ms;
— the relative steady-state voltage change, dc, shall not exceed 3.3 %;
— the maximum relative voltage change, dmax, shall not exceed 4.0 %;

7.3. Test Procedure

The total impedance of the test circuit, excluding the appliance under test, but including the internal impedance of the supply source, shall be equal to the reference impedance. The stability and tolerance of the reference impedance shall be adequate to ensure that the overall accuracy of 8% is achieved during the whole assessment procedure.

7.4. Test Results

PASS.

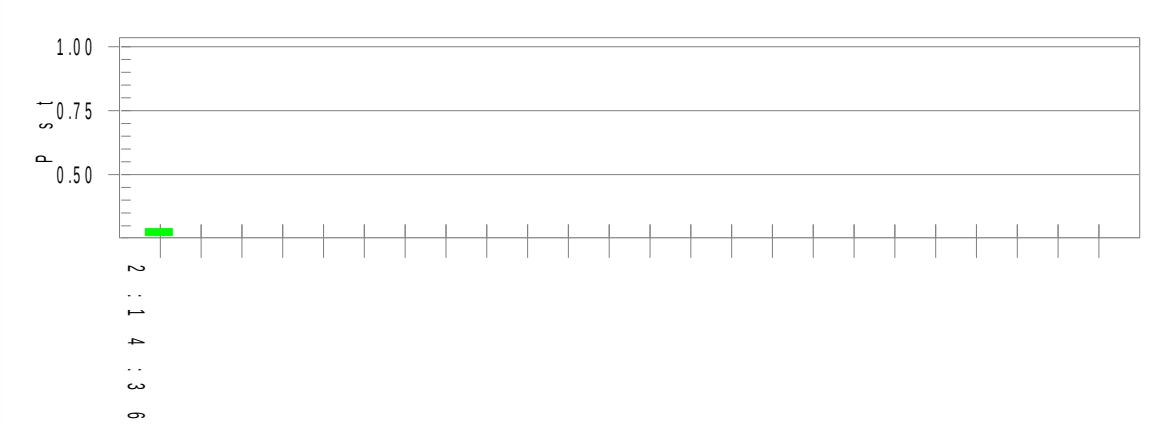
Please see the attached pages.

Flicker Test Summary per EN/IEC61000-3-3 (Run time)

EUT: ICT/ITE POWER SUPPLY(GTM96600-6019-R2) **Tested by: Lu Xingjin**
Test category: All parameters (European limits) **Test Margin: 100**
Test date: 2026/4/8 **Start time: 2:04:15** **End time: 2:14:42**
Test duration (min): 10 **Data file name: CTSL_F-000269.cts_data**
Comment: FULL LOAD
Customer: GlobTek, Inc.

Test Result: Pass **Status: Test Completed**

Pst_i and limit line **European Limits**



Parameter values recorded during the test:

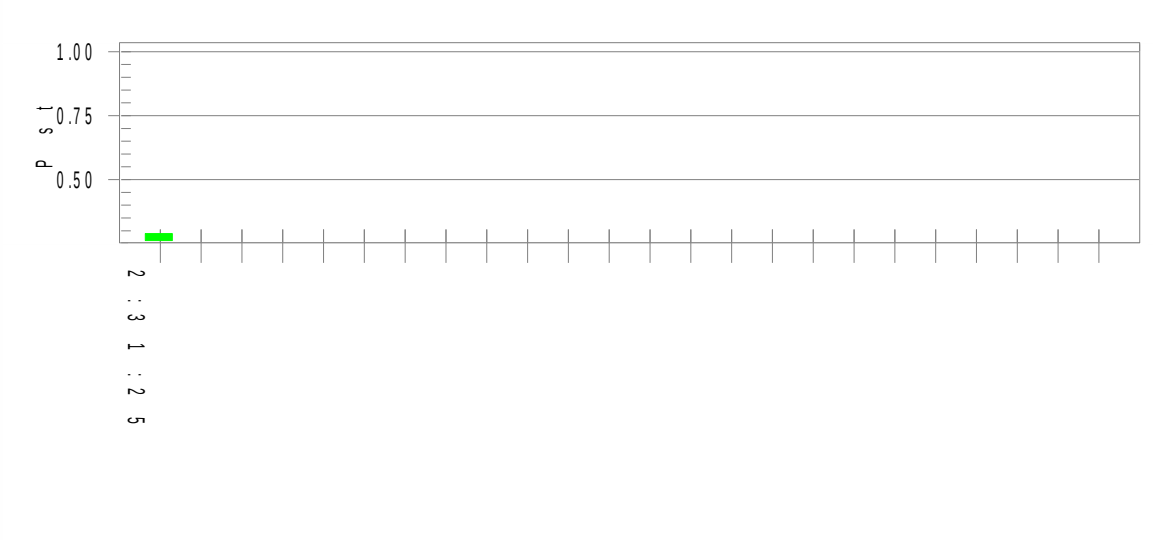
Vrms at the end of test (Volt):	**220.47**			
T-max (mS):	**0.0**	**Test limit (mS):**	**500.0**	**Pass**
Highest dc (%):	**0.00**	**Test limit (%):**	**3.30**	**Pass**
Highest dmax (%):	**0.06**	**Test limit (%):**	**4.00**	**Pass**
Highest Pst (10 min. period):	**0.288**	**Test limit:**	**1.000**	**Pass**

Flicker Test Summary per EN/IEC61000-3-3 (Run time)

EUT: ICT/ITE POWER SUPPLY(GTM96600-5409-R2) **Tested by: Lu Xingjin**
Test category: All parameters (European limits) **Test Margin: 100**
Test date: 2026/4/8 **Start time: 2:21:04** **End time: 2:31:32**
Test duration (min): 10 **Data file name: CTSL_F-000270.cts_data**
Comment: FULL LOAD
Customer: GlobTek, Inc.

Test Result: Pass **Status: Test Completed**

Pst_i and limit line **European Limits**



Parameter values recorded during the test:

Vrms at the end of test (Volt):	**220.47**			
T-max (mS):	**0.0**	**Test limit (mS):**	**500.0**	**Pass**
Highest dc (%):	**0.00**	**Test limit (%):**	**3.30**	**Pass**
Highest dmax (%):	**0.07**	**Test limit (%):**	**4.00**	**Pass**
Highest Pst (10 min. period):	**0.288**	**Test limit:**	**1.000**	**Pass**

8. IMMUNITY PERFORMANCE CRITERIA DESCRIPTION

Performance Level

The test results shall be classified in terms of the loss of function or degradation of performance of the equipment under test, relative to a performance level by its manufacturer or the requestor of the test, or the agreed between the manufacturer and the purchaser of the product.

Definition related to the performance level:
1. Based on the used product standard
2. Based on the declaration of the manufacturer, requestor or purchaser

SANS 2335/CISPR 35:

Performance criterion A
The equipment shall continue to operate as intended without operator intervention. No degradation of performance, loss of function or change of operating state is allowed below a performance level specified by the manufacturer when the equipment is used as intended. The performance level may be replaced by a permissible loss of performance. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.

Performance criterion B
During the application of the disturbance, degradation of performance is allowed. However, no unintended change of actual operating state or stored data is allowed to persist after the test.
After the test, the equipment shall continue to operate as intended without operator intervention; no degradation of performance or loss of function is allowed, below a performance level specified by the manufacturer, when the equipment is used as intended. The performance level may be replaced by a permissible loss of performance.
If the minimum performance level (or the permissible performance loss), or recovery time, is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.

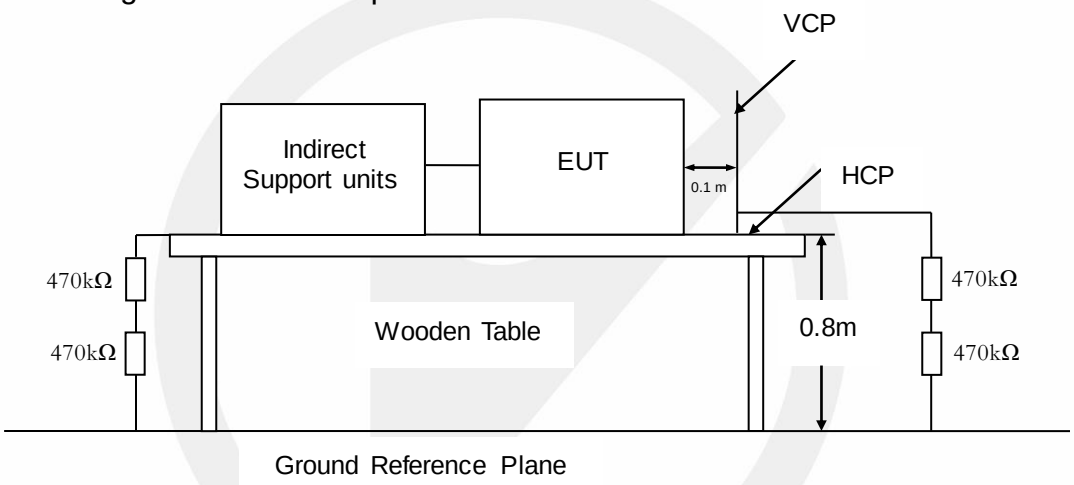
Performance criterion C
Loss of function is allowed, provided the function is self-recoverable, or can be restored by the operation of the controls by the user in accordance with the manufacturer's instructions. A reboot or re-start operation is allowed. Information stored in non-volatile memory, or protected by a battery backup, shall not be lost.

9. ELECTROSTATIC DISCHARGE

9.1. Test Specification

Test Standard	:	SANS 2335/CISPR 35
Basic Standard	:	IEC 61000-4-2
Performance criterion	:	B
Test level	:	±8.0kV (Air discharge) ±4.0kV (Contact discharge)

9.2. Block Diagram of Test Setup



9.3. Test Procedure

a. In the case of air discharge testing, the climatic conditions shall be within the following ranges:
- ambient temperature: 15°C to 35°C;
- relative humidity : 30% to 60%;
- atmospheric pressure : 86 kPa (860 mbar) to 106 kPa (1060 mbar)

b. Test programs and software shall be chosen so as to exercise all normal modes of operation of the EUT. The use of special exercising software is encouraged, but permitted only where it can be shown that the EUT is being comprehensively exercised.

c. In the case of contact discharges, the tip of the discharge electrode shall touch the EUT before the discharge switch is operated.

d. In the case of painted surface covering a conducting substrate, the following procedure shall be adopted : - If the coating is not declared to be an insulating coating by the equipment manufacturer, then the pointed tip of the generator shall penetrate the coating so as to make contact with the conducting substrate. - Coating declared as insulating by the manufacturer shall only be submitted to the air discharge. - The contact discharge test shall not be applied to such surfaces.

e. In the case of air discharges, the round discharge tip of the discharge electrode shall be approached as fast as possible (without causing mechanical damage) to touch the EUT. After each discharge, the ESD generator (discharge electrode) shall be removed from the EUT. The generator is then retriggered for a new single discharge. This procedure shall be repeated until the discharges are completed. In the case of an air discharge test, the discharge switch, which is used for contact discharge, shall be closed.

f. The test voltage shall be increased from the minimum to the selected test severity level, in order to determine any threshold of failure. The final test level should not exceed the product specification value in order to avoid damage to the equipment.
g. The test shall be performed with both air discharge and contact discharge. The test shall be performed with single discharges. On each pre-selected point at least 10 single discharges (in the most sensitive polarity) shall be applied. For the time interval between successive single discharges an initial value of 1 s is recommended. Longer intervals may be necessary to determine whether a system failure has occurred.
h. Ensure that the applied charge on the EUT has been dis-charged before next ESD pulse.

9.4. Test Results

PASS

Temperature	:	24.5°C
Humidity	:	49%
Atmospheric Pressure	:	101kpa
Test Engineer	:	Lu Xingjin
Test Date	:	2026-04-08

Air Discharge:

Test Voltage	Location	Actual criterion	Required performance criterion	Result (Pass/Fail)
±2; 4; 8 kV	SLOT/LED	A	B	Pass

Contact Discharge

Test Voltage	Location	Actual criterion	Required performance criterion	Result (Pass/Fail)
±2; 4 kV	METAL	A	B	Pass

Indirect Discharge

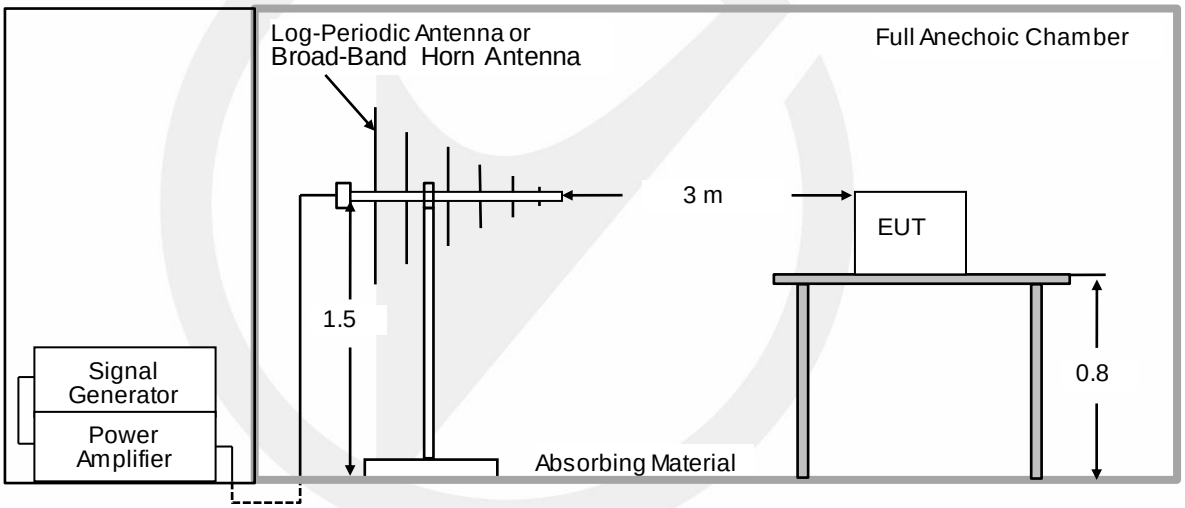
Test Voltage	Location	Actual criterion	Required performance criterion	Result (Pass/Fail)
±2; 4 kV	HCP	A	B	Pass
±2; 4 kV	VCP	A	B	Pass

10.CONTINUOUS RF ELECTROMAGNETIC FIELD DISTURBANCES

10.1.Test Specification

Test standard	:	SANS 2335/CISPR 35	
Basic standard	:	IEC 61000-4-3	
Performance criterion	:	A	
Frequency range & Test level	:	☒80M-1000MHz	3V/m
		☒Spot frequency	3V/m
		☐Additional spot frequency	3V/m
Modulation	:	AM, 80%, 1kHz sine-wave	

10.2.Block Diagram of Test Setup



10.3.Test procedure

The procedure defined in this part requires the generation of electromagnetic fields within which the test sample is placed and its operation observed. To generate fields that are useful for simulation of actual (field) conditions may require significant antenna drive power and the resultant high field strength levels. To comply with local regulations and to prevent biological hazards to the testing personnel, it is recommended that these tests be carried out in a shielded enclosure or semi-anechoic chamber.

a. The antenna which is enabling the complete frequency range of 80-1000 MHz is placed 3m away from the equipment. The required field strength is determined by placing the field strength meter(s) on top of or directly alongside the equipment under test and monitoring the field strength meter via a remote field strength indicator outside the enclosure while adjusting the continuous-wave to the antenna.
b. The test is performed with the antenna facing the front and back sides of the EUT with. Both vertical and horizontal polarizations from antenna are tested.

10.4. Test results

PASS

Temperature	:	24.8°C
Humidity	:	57%
Atmospheric Pressure	:	101kpa
Test Engineer	:	Lu Xingjin
Test Date	:	2026-04-08

☒ 80M-1000MHz:

Freq. Range (MHz)	Field	Modulation	Polarity	Position (°)	Actual criterion	Required performance criterion	Result
80-1000	3V/m	AM, 80%	H / V	0, 90,180, 270	A	A	Pass

☒ Spot frequency:

Freq (MHz)	Field	Modulation	Polarity	Position (°)	Actual criterion	Required performance criterion	Result
1800, 2600, 3500, 5000	3V/m	AM, 80%	H / V	0, 90,180, 270	A	A	Pass

☐ Additional spot frequency:

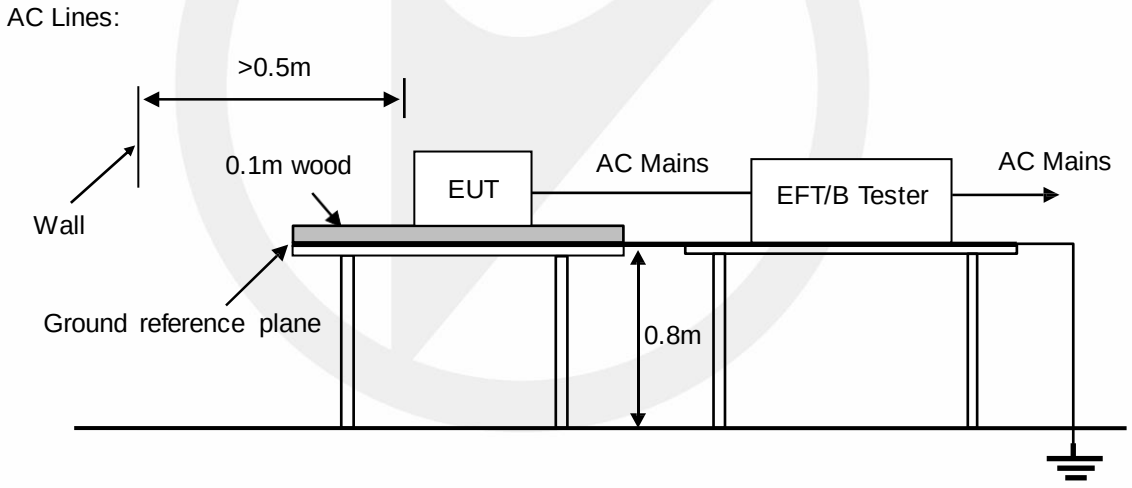
Freq (MHz)	Field	Modulation	Polarity	Position (°)	Actual criterion	Required performance criterion	Result
80, 120, 160, 230, 434, 460, 600, 863, 900	3V/m	AM, 80%	H / V	0, 90,180, 270	N/A	N/A	N/A

11. ELECTRICAL FAST TRANSIENT/BURST IMMUNITY TEST

11.1. Test Specification

Test standard	:	SANS 2335/CISPR 35
Basic standard	:	IEC 61000-4-4
Performance criterion	:	B
Test level	:	☒1kV, AC mains power ports ☐0.5kV, DC network power ports ☐0.5kV, Analogue/digital data ports
Repetition frequency	:	☒5kHz, ☐100kHz(Only xDSL ports)
Tr/Th:	:	5/50ns
Burst period	:	300ms
Test time :	:	120s

11.2. Block Diagram of Test Setup



11.3. Test Procedure

The EUT is put on the table that is 0.8 meter high above the ground. This reference ground plane shall project beyond the EUT by at least 0.1m on all sides and the minimum distance between EUT and all other conductive structure, except the ground plane beneath the EUT, shall be more than 0.5m.

11.4. Test Results

PASS

Temperature	:	24.9°C
Humidity	:	59%
Atmospheric Pressure	:	101kpa
Test Engineer	:	Lu Xingjin
Test Date	:	2026-04-08

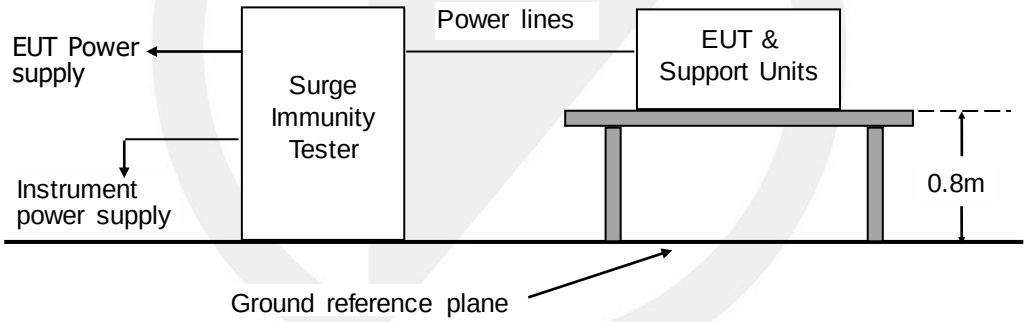
Injection Line	Voltage (kV)	Injected Method	Actual criterion	Required performance criterion	Result (Pass/Fail)
☒ AC mains power ports	± 1	☒ CDN ☐ Direct injection ☐ Capacitive coupling clamp	A	B	Pass
☐ DC network power ports	± 0.5	☐ CDN ☐ Direct injection ☐ Capacitive coupling clamp	N/A	N/A	N/A
☐ Analogue/digital data ports (Wired network port)	± 0.5	☐ CDN ☐ Direct injection ☒ Capacitive coupling clamp	N/A	N/A	N/A
☐ Analogue/digital data ports (Broadcast receiver tuner port)	± 0.5	☐ CDN ☐ Direct injection ☒ Capacitive coupling clamp	N/A	N/A	N/A

12.SURGE IMMUNITY TEST

12.1.Test Specification

Test standard	:	SANS 2335/CISPR 35
Basic standard	:	IEC 61000-4-5
Test level	:	☒1kV, Line to Line, AC mains power ports, Criterion B ☐2kV, Line to Earth, AC mains power ports, Criterion B ☐0.5kV, Line to Reference ground, DC network power ports, Criterion B ☐1.0kV, Lines to Ground, Unshielded symmetrical, Criterion C ☐4.0kV, Lines to Ground, Unshielded symmetrical, Criterion C ☐0.5kV, Shield to ground, Coaxial or shielded port, Criterion B
Number of surges	:	5 (for each combination of parameters)
Repetition rate	:	1 minute / time
Polarity:	:	Positive / Negative
Phase angle:	:	90º, 270º (Only AC mains power ports)

12.2.Block Diagram of Test Setup



12.3.Test Procedure

This test simulates a lightning event by inducing transients onto the AC/DC power supply lines in common mode (Line to Ground) and differential mode (Line to Line). Each device was tested in a total of two surge configurations: Line to Ground (L-G): Combination Wave, Line to Protective Earth with 9uF and 10Ohm and Neutral to Protective Earth with 9uF and 10Ohm, common mode, generator earthed.
Line to Line (L-L): Combination Wave,
Line to Neutral with 18uF, differential mode, generator floated.
2 ohm : the source impedance of the low-voltage power supply network.
12 ohm : the source impedance of the low-voltage power supply network and ground.

a. If not otherwise specified the surges have to be applied synchronized to the voltage phase at the zero-crossing and the peak value of the a.c. voltage wave (positive and negative).
b. The surges have to be applied line to line and line to earth. When testing line to earth, the test voltage has to be applied successively between each of the lines and earth, if there is no other specification.
c. The test procedure shall also consider the non-linear current-voltage characteristics of the equipment under test. Therefore the test voltage has to be increased by steps up to the test level specified in the product standard or test plan. All lower levels including the selected test level shall be satisfied.
d. For testing the secondary protection, the output voltage of the generator shall be increased up to the

worst-case voltage breakdown level (let-through level) of the primary protection.
e. Testing shall be performed according to a Test Plan, which shall be included in the test report.
f. To find all critical points of the duty cycle of the equipment, a sufficient number of positive and negative test pulses shall be applied.

12.4. Test results

PASS

Temperature	:	24.9°C
Humidity	:	59%
Atmospheric Pressure	:	101kpa
Test Engineer	:	Lu Xingjin
Test Date	:	2026-04-08

☒ AC mains power ports:

Coupling Line	Voltage (kV)	Waveform (μs)	Polarity	Actual criterion	Required performance criterion	Result (Pass/Fail)
☒ Line to line	0.5, 1	1.2/50 (8/20)	Pos./ Neg.	A	B	Pass
☐ Line to earth	0.5, 1, 2	1.2/50 (8/20)	Pos./ Neg.	N/A	B	N/A

☐ DC network power ports:

Coupling Line	Voltage (kV)	Waveform (μs)	Polarity	Actual criterion	Required performance criterion	Result (Pass/Fail)
Line to Reference ground	0.5	1.2/50 (8/20)	Pos./ Neg.	N/A	B	N/A

☐ Analogue/digital data ports:

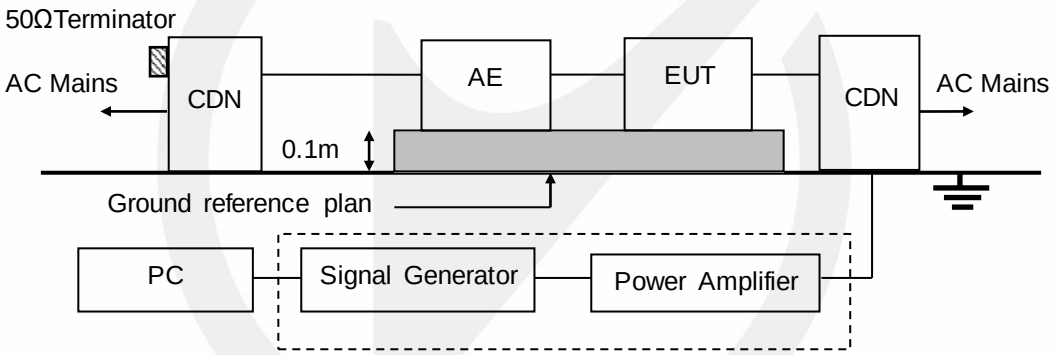
Port type	Coupling Line	Voltage (kV)	Waveform (μs)	Polarity	Actual criterion	Required performance criterion	Result (Pass/Fail)
☐ Unshielded symmetrical (Wired network port)	Lines to ground	0.5, 1	10/700 (5/320)	Pos./ Neg.	N/A	C	N/A
☐ Unshielded symmetrical (.....)	Lines to ground	0.5, 1	10/700 (5/320)	Pos./ Neg.	N/A	C	N/A
☐ Unshielded symmetrical	Lines to ground	0.5, 1, 2, 4	10/700 (5/320)	Pos./ Neg.	N/A	C	N/A
☐ Coaxial or shielded (Broadcast receiver tuner port)	Shield to ground	0.5	1.2/50 (8/20)	Pos./ Neg.	N/A	C	N/A
☐ Coaxial or shielded (.....)	Shield to ground	0.5	1.2/50 (8/20)	Pos./ Neg.	N/A	C	N/A

13.CONTINUOUS INDUCED RF DISTURBANCES

13.1.Test Specification

Test standard	:	SANS 2335/CISPR 35
Basic standard	:	IEC 61000-4-6
Performance criterion	:	A
Frequency range & Test level	:	0.15M to 10MHz, 3V 10M to 30MHz, 3V to 1V 30M to 80MHz, 1V
Modulation	:	AM 80%, 1kHz sine-wave
Frequency Step	:	1% of fundamental

13.2.Block Diagram of Test Setup



13.3.Test Procedure

a. The EUT shall be operated within its intended climatic conditions. The temperature and relative humidity should be recorded.
b. The EUT is placed on a 0.1m high test table, and a well grounded cable is connected to metallic plane above the test table.
c. All cables/wires must be laid out on test plate (3cm in thickness),and the EUT is set up on test plate (10 cm in thickness) as shown in test setup photo, and the cables/wires must not be in mid-air, they should be touching the surface of test plate. Ensure that the EUT is properly connected to the accessory equipment.
d. The test shall be performed with the test generator connected to each of the coupling and decoupling devices in turn while the other non-excited RF-input ports of the coupling devices are terminated by a 50 ohm load resistor.
e. The frequency range is swept from 150 kHz to 80 MHz, using the signal levels established during the setting process, and with the disturbance signal 80% amplitude modulated with a 1 kHz sine wave, pausing to adjust the RF-signal level or to switch coupling devices as necessary. The rate of sweep shall no exceed 1.5 x 10-3 decades/s. Where the frequency is swept incrementally, the step size shall no exceed 1% of the start and thereafter 1% of the preceding frequency value.
f. The dwell time at each frequency shall not be less than the time necessary for the EUT to be exercised, and able to respond. Sensitive frequencies e.g. clock frequency (ies) and harmonics or frequencies of dominant interest shall be analyzed separately.

g. Attempts should be made to fully exercise the EUT during testing, and to fully interrogate all exercise modes selected for susceptibility
h. Testing shall be performed according to a Test Plan, which shall be included in the test report.

13.4. Test results

PASS

Temperature	:	24.9°C
Humidity	:	59%
Atmospheric Pressure	:	101kpa
Test Engineer	:	Lu Xingjin
Test Date	:	2026-04-08

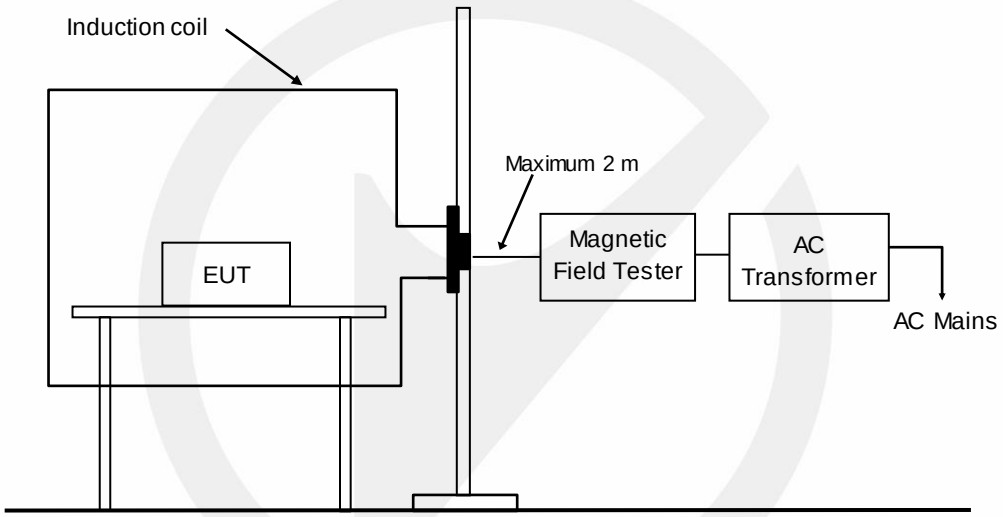
Range (MHz)	Levers (V)	Injection port	Coupling type	Actual criterion	Required performance criterion	Result (Pass/Fail)
0.15-10	3	☒AC mains power ports	☒CDN ☐EM Clamp ☐Current Clamp ☐Direct injection	A	A	Pass
10-30	3-1					
30-80	1					
0.15-10	3	☐DC network power ports	☒CDN ☐EM Clamp ☐Current Clamp ☐Direct injection	N/A	N/A	N/A
10-30	3-1					
30-80	1					
0.15-10	3	☐Analogue/digital data ports (Wired network port)	☐CDN ☒EM Clamp ☐Current Clamp ☐Direct injection	N/A	N/A	N/A
10-30	3-1					
30-80	1					
0.15-10	3	☐Analogue/digital data ports (Broadcast receiver tuner port)	☐CDN ☐EM Clamp ☒Current Clamp ☐Direct injection	N/A	N/A	N/A
10-30	3-1					
30-80	1					
0.15-10	3	☐Analogue/digital data ports (……)	☐CDN ☐EM Clamp ☒Current Clamp ☐Direct injection	N/A	N/A	N/A
10-30	3-1					
30-80	1					

14.POWER FREQUENCY MAGNETIC FIELD

14.1.Test Specification

Test Standard	:	SANS 2335/CISPR 35
Basic Standard	:	IEC 61000-4-8
Performance criterion	:	A
Test level	:	1A/m

14.2.Block Diagram of Test Setup



14.3.Test Procedure

The EUT is placed in the middle of a induction coil (1*1m), under which is a 1*1*0.1m (high) table, this small table is also placed on a larger table, 0.8 m above the ground. Both horizontal and vertical polarization of the induction coil is set on test, so that each side of the EUT is affected by the magnetic field. Also can reach the same aim by change the position of the EUT.

14.4. Test Results

PASS

Temperature	:	24.9°C
Humidity	:	59%
Atmospheric Pressure	:	101kpa
Test Engineer	:	Lu Xingjin
Test Date	:	2026-04-08

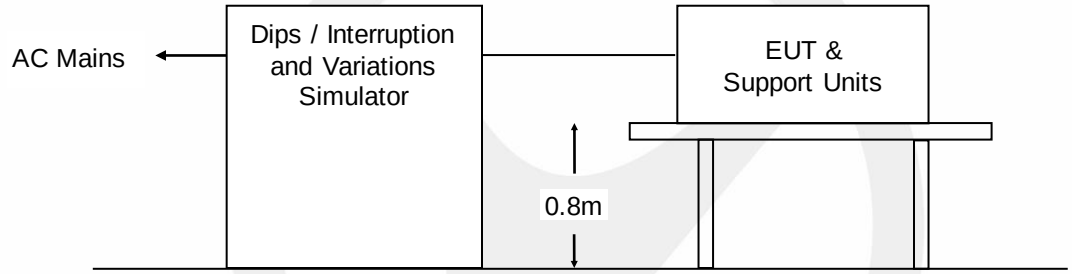
Test Level (A/m)	Frequency	Testing Duration	Coil Orientation	Actual criterion	Required performance criterion	Result (Pass/Fail)
1	☒ 50Hz ☒ 60Hz	5 mins	☒ x-axis ☒ y-axis ☒ z-axis	A	A	Pass

15. VOLTAGE DIPS AND INTERRUPTIONS TEST

15.1. Test Specification

Test standard	:	SANS 2335/CISPR 35
Basic standard	:	IEC 61000-4-11
Test level	:	☒0%, 0.5 period, Criterion B
		☒70%, 25 periods for 50Hz, Criterion C
		☒0%, 250 periods for 50Hz, Criterion C

15.2. Block Diagram of Test Setup



15.3. Test Procedure

a. Where the equipment has a rated voltage the following shall apply - If the voltage range does not exceed 20% of the lower voltage specified for the rated voltage range, a single voltage within that range may be specified as a basis for test level specification.
- In all other cases, the test procedure shall be applied for both the lowest and highest voltages declared in the voltage range.
b. Test Conditions
- Select operated voltage and frequency of EUT - Test of interval : 10 sec.
- Level and duration : Sequence of 3 dips/interrupts.
- Voltage rise (and fall) time : 1.5 μs.

15.4. Test results

PASS

Temperature	:	24.9°C
Humidity	:	59%
Atmospheric Pressure	:	101kpa
Test Engineer	:	Lu Xingjin
Test Date	:	2026-04-08

	Test Level (% UT)	Phase angle (°)	Input Voltage (V)	Freq (Hz)	Duration (periods)	Actual criterion	Required performance criterion	Result (Pass /Fail)
☒Voltage dips	0%	0º, 180º	AC 220V	50	0.5	A	B	Pass
☒Voltage dips	70%	0º, 180º	AC 220V	50	25	A	C	Pass
☒Voltage interruptions	0%	0º, 180º	AC 220V	50	250	B	C	Pass

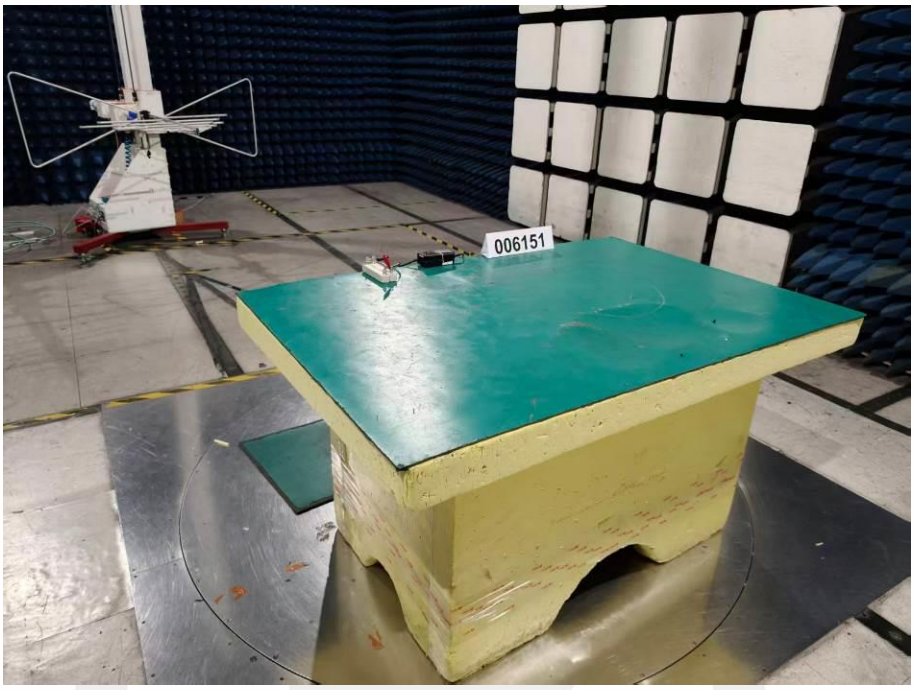
16.PHOTOGRAPHS

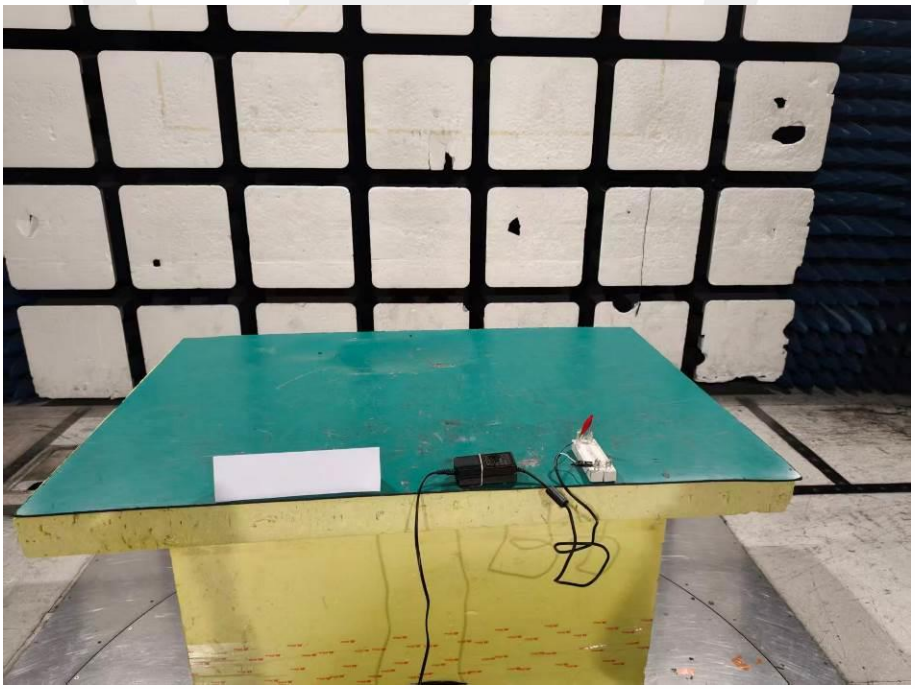
16.1.Photos of Conducted Emissions from the AC Mains Power Ports





16.2. Photos of Radiation Emission Measurement





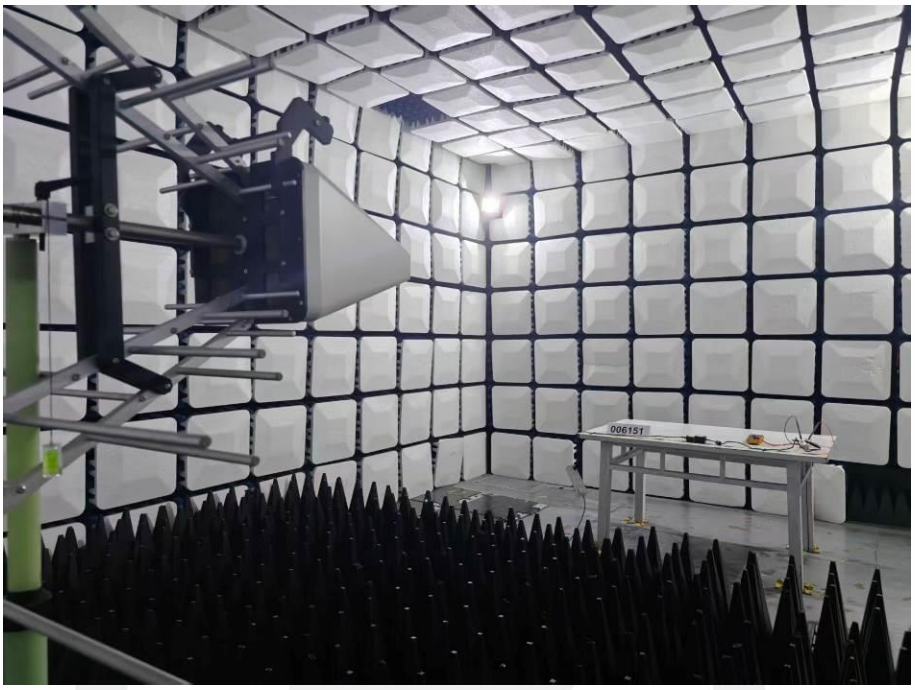
16.3. Photo of Harmonic / Flicker Measurement



16.4. Photo of Electrostatic Discharge Test



16.5. Photo of Continuous RF Electromagnetic Field Disturbances



16.6. Photo of Electrical Fast Transient / Burst Test



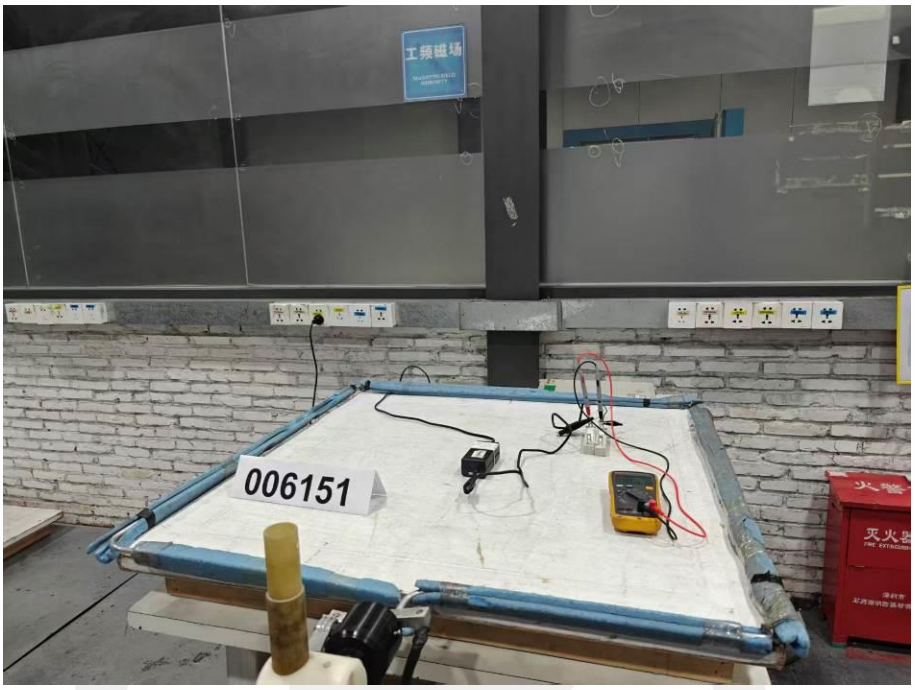
16.7. Photo of Surge Test



16.8. Photo of Continuous Induced RF Disturbances Test



16.9.Photo of Power Frequency Magnetic Field Test



16.10.Photo of Voltage Dips and Interruption Immunity Test



APPENDIX A: Photos of EUT

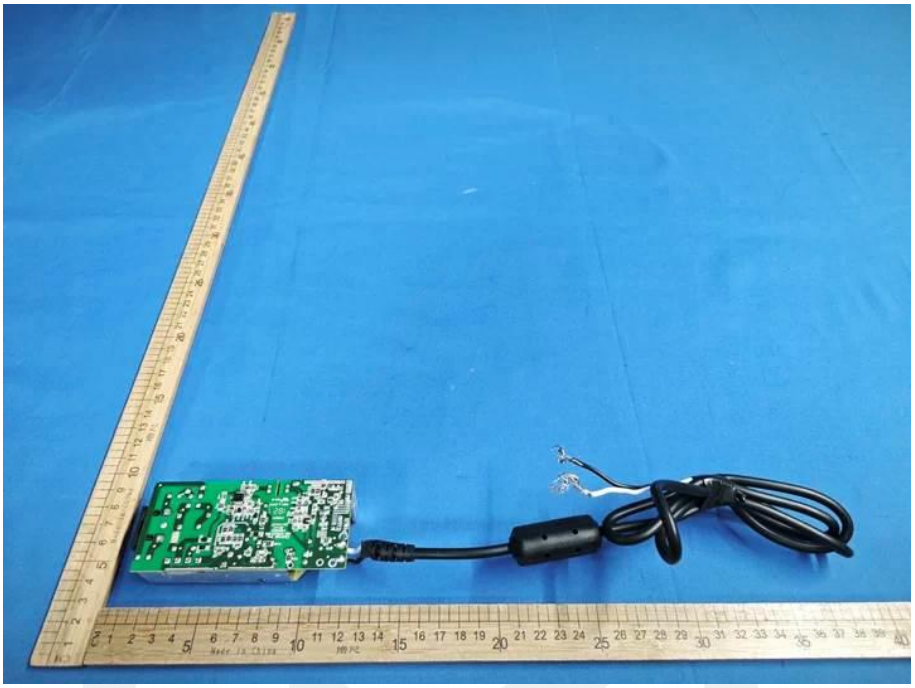
GTM96600-6019-R2






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MODEL/модель/型号:GTM96600-6019-R2
INPUT/вводить/输入:100-240V~, 50-60Hz, 1.5A
OUTPUT/экспорт/输出: 19V ⎓ 3.15A,60W
Conforms to AAMI STD.
ES60601-1,IEC 60601-1-11
Certified to CAN/CSA STD.C22.2 NO.60601-1
Conforms to UL STD. 60950-1
Certified to CSA STD C22.2 NO.60950-1
Conforms to UL STD. 1310
Certified to CSA STD. C22.2 NO.223
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intertek 10276
EFFICIENCY LEVEL VI
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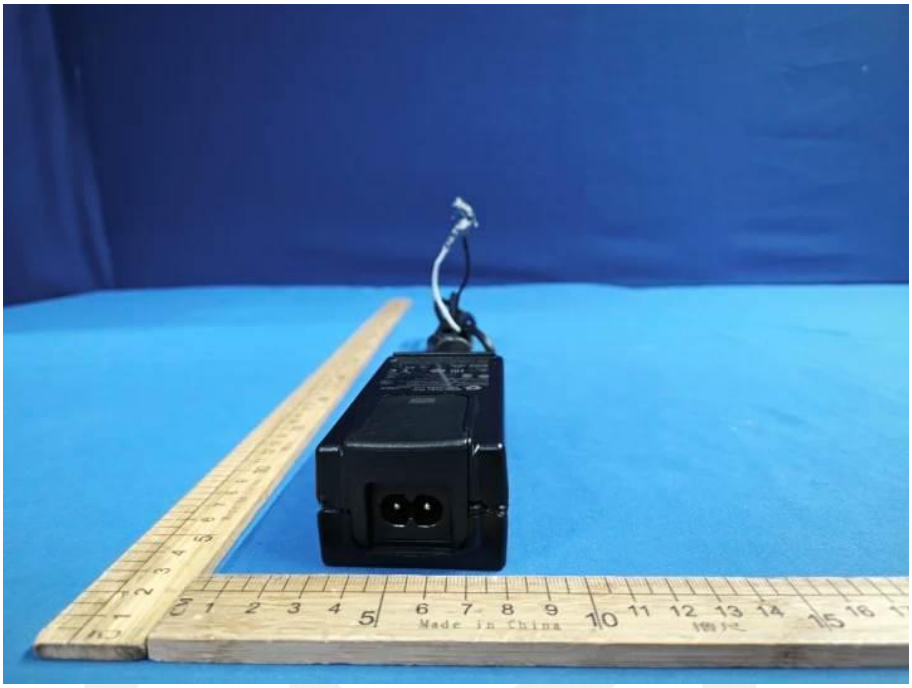




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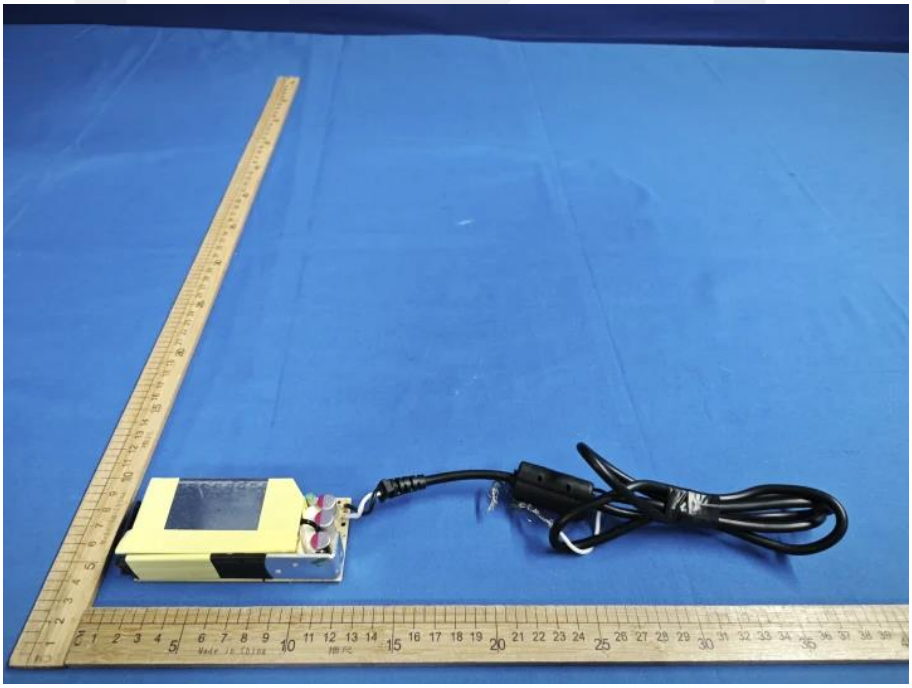







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P/N/номер/料号: RR9KD6000T00CIMR6B
MODEL/модель/型号: GTM96600-5409-R2
INPUT/вводить/输入:100-240V~, 50-60Hz, 1.5A
OUTPUT/экспорт/输出: 9V 6A,54W
Conforms to AAMI STD.
ES60601-1,IEC 60601-1-11
Certified to CAN/CSA STD.C22.2NO.60601-1
Conforms to UL STD. 60950-1
Certified to CSA STD C22.2 NO.60950-1
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APPENDIX B: Critical Component List

Object/part no.	Manufacturer/ trademark	Type/model	Technical data	Standard	Mark(s) of conformity.
Enclosure	SABIC INNOVATIVE PLASTICS B V	CX7211	Min. V-0, Min. thickness: 2.0mm, 90°C	UL 94	UL E45329
Alt. use	SABIC INNOVATIVE PLASTICS B V	945(GG)	Min. V-1, Min. thickness: 2.0mm, 120°C	UL 94	UL E45329
Alt. use	SABIC JAPAN L L C	CX7211	Min. V-1, Min. thickness: 2.0mm, 90°C	UL 94	UL E207780
Alt. use	SABIC JAPAN L L C	945(GG)	Min. V-0, Min. thickness: 2.0mm, 120°C	UL 94	UL E207780
Appliance inlet (C8 type)	Zhejiang LECI Electronics	DB-8	250 Vac; 2,5A;	IEC/EN 60320-1 UL 498	VDE 40032028 UL E302229
Alt. use	Rich Bay Co Ltd	R-201SN90	250 Vac; 2,5A	IEC/EN 60320-1 UL 498	VDE 40030384 UL E184638
Alt. use	Sun Fair Electric Wire & Cable (HK) Co Ltd	S-01	250 Vac; 2,5A;	IEC/EN 60320-1 UL 498	VDE 40034449 UL E226643
Alt. use	Zhe Jiang BeiErjia	ST-A03 Series	250 Vac; 2,5A;	IEC/EN 60320-1 UL 498	VDE 40014833 UL E225980
Alt. use	Rong Feng IndustrialCo., Ltd.	RF-180	250 Vac; 2,5A;	IEC/EN 60320-1 UL 498	VDE 40030168 UL E102641
Alt. use	TECX-UNIONS TECHNOLOGY CORP	SO-222 series	250 Vac; 2,5A;	IEC/EN 60320-1 UL 498	ENEC-0480 UL E220004
PCB	WALEX ELECTRONIC (WUXI) CO LTD	T2, T2A, T2B T4	Min. 1,6 mm thickness, min. V-0, 130°C	IEC 60950-1 UL 796	UL E154355
Alt. use	DAFENG AREX ELECTRONICS TECHNOLOGY CO LTD	02V0 03V0 04V0	Min. 1,6 mm thickness, min. V-0, 130°C	IEC 60950-1 UL 796	UL E186016
Alt. use	DONGGUAN HE TONG ELECTRONICS CO LTD	CEM1, 2V0, FR4	V-0, 130°C, Min. thickness: 1.6mm	UL 796 IEC/EN 62368-1	UL E243157
Alt. use	CHEERFUL ELECTRONIC (HK) LTD	02, 03, 03A	V-0, 130°C, Min. thickness: 1.6mm	UL 796 IEC/EN 62368-1	UL E199724
Alt. use	DONGGUAN DAYSUN ELECTRONIC CO LTD	DS2	V-0, 130°C, Min. thickness: 1.6mm	UL 796 IEC/EN 62368-1	UL E251754
Alt. use	Interchangeable	Interchangeable	V-0, 130°C, Min. thickness: 1.6mm	UL 796 IEC/EN 62368-1	UL

Object/part no.	Manufacturer/ trademark	Type/model	Technical data	Standard	Mark(s) of conformity.
Bleeder Resistor (R10,R11)	Yageo Corporation	RV series	RS1, RS2 Max. 470KΩ, R10, R11 Max. 100KΩ, R3, R4 Max. 100KΩ	IEC/EN 62368-1	UL CB (Cert. No.: DK-108482-UL)
Alt. use	Ralec Electronic Corp	RTV series	RS1, RS2 Max. 470KΩ, R10, R11 Max. 100KΩ, R3, R4 Max. 100KΩ,	IEC/EN 62368-1	UL CB (Cert. No.: DK-66106-M1-UL)
Alt. use	Guangdong Fenghua Advanced Technology Holding Co.,Ltd.	RVS series	RS1, RS2 Max. 470KΩ, R10, R11 Max. 100KΩ, R3, R4 Max. 100KΩ,	IEC/EN 62368-1	Nemko CB (NO109708
Alt. use	Viking Tech Corporation Kaoshiung Branch	HVRC series	RS1, RS2 Max. 470KΩ, R10, R11 Max. 100KΩ, R3, R4 Max. 100KΩ,	IEC/EN 62368-1	UL CB (Cert. No.: DK-121748-UL)
Alt. use	TZAI YUAN ENTERPRISE CO LTD	HSMD OR SMD	RS1, RS2 Max. 470KΩ, R10, R11 Max. 100KΩ, R3, R4 Max. 100KΩ,	IEC/EN 62368-1	UL CB (Cert. No.: DK-29431-M1-UL)
Alt. use	WALSIN TECHNOLOGY CORP	WF12N	RS1, RS2 Max. 470KΩ, R10, R11 Max. 100KΩ, R3, R4 Max. 100KΩ,	IEC/EN 62368-1	UL CB (Cert. No.: DK-119162-UL)
Alt. use	Yageo Corporation	AH series	RS1, RS2 Max. 470KΩ, R10, R11 Max. 100KΩ, R3, R4 Max. 100KΩ,	IEC/EN 62368-1	DK-110207-UL

Object/part no.	Manufacturer/ trademark	Type/model	Technical data	Standard	Mark(s) of conformity.
Alt. use	PDC	FVS03, FVS05, FVS06, FVS20, TF25V, TF06V, TF08V, TF12V, TF20V, FVS25	RS1, RS2 Max. 470KΩ, R10, R11 Max. 100KΩ, R3, R4 Max. 100KΩ,	IEC/EN 62368-1	DK-101615-UL
Fuse(F1, F2) (F2 is optional)	Conquer Electronics Co., Ltd.	MST	T3.15A, 250V	IEC 60127-1 IEC 60127-3 UL 248-1 UL 248-14	VDE 40017118 UL E82636
Alt. use	SUZHOU WALTER ELECTRONIC CO LTD	2010	T3.15A, 250V	IEC 60127-1 IEC 60127-3 UL 248-1 UL 248-14	VDE 40018781 UL E56092
Alt. use	Bel Fuse Ltd.	RST-Serie(s)	T3.15A, 250V	IEC 60127-1 IEC 60127-3 UL 248-1 UL 248-14	VDE 40011144 UL E20624
Alt. use	Cooper Bussmann LLC	SS-5	T3.15A, 250V	IEC 60127-1 IEC 60127-3 UL 248-1 UL 248-14	VDE 40015513 UL E19180
Alt. use	Shenzhen Lanson Electronics Co. Ltd.	SMT	T3.15A, 250V	IEC 60127-1 IEC 60127-3 UL 248-1 UL 248-14	VDE 40012592 UL E221465
Alt. use	Dongguan Better Electronics Technology Co., Ltd.	932	T3.15A, 250V	IEC 60127-1 IEC 60127-3 UL 248-1 UL 248-14	VDE 40033369 UL E300003
Alt. use	Conquer Electronics Co., Ltd.	MET	T3.15A, 250V	IEC 60127-1 IEC 60127-3 UL 248-1 UL 248-14	VDE 40017157 UL E82636
Alt. use	Zhongshan Lanbao Electrical Appliances Co., Ltd.	RTI-10	T3.15A, 250V	IEC 60127-1 IEC 60127-3 UL 248-1 UL 248-14	VDE 40017009 UL E213695
Y capacitor (CY1, CY2) (Optional)	TDK CORPORATION	CD	Y1, min. 250VAC, max 2200pF	IEC/EN 60384-14 UL 60384-14 UL 1414	VDE 40029780 UL E37861
Alt. use	Success Electronics Co., Ltd.	SE	Y1, min. 250VAC, max 2200pF	IEC/EN 60384-14 UL 60384-14 UL 1414	VDE 40037211 VDE 40020002 UL E114280

Object/part no.	Manufacturer/ trademark	Type/model	Technical data	Standard	Mark(s) of conformity.
Alt. use	Success Electronics Co., Ltd.	SB	Y1, min. 250VAC, max 2200pF	IEC/EN 60384-14 UL 60384-14 UL 1414	VDE 40037221 VDE 40020001 UL E114280
Alt. use	Murata Mfg. Co., Ltd.	KX	Y1, min. 250VAC, max 2200pF	IEC/EN 60384-14 UL 60384-14 UL 1414	VDE 40002831 UL E37921
Alt. use	JYA-NAY Co., Ltd.	JN	Y1, min. 250VAC, max 2200pF	IEC/EN 60384-14 UL 60384-14 UL 1414	TUV 69242987 UL E201384
Alt. use	Haohua Electronic Co.	CT 7	Y1, min. 250VAC, max 2200pF	IEC/EN 60384-14 UL 60384-14 UL 1414	VDE 40003902 UL E233106
Alt. use	Jyh Chung Electronic Co., Ltd.	JD	Y1, min. 250VAC, max 2200pF	IEC/EN 60384-14 UL 60384-14 UL 1414	VDE 137027 UL E187963
Alt. use	Guangdong Huiwan Electronics Technology Co.,LTD	AR	Y1, min. 250VAC, max 2200pF	IEC/EN 60384-14 UL 60384-14 UL 1414	VDE 40043989 UL E 480105
Alt. use	Shantou High-new Technology Development Zone Songtian Enterprise Co.,Ltd	CD	Y1, min. 250VAC, max 2200pF	IEC/EN 60384-14 UL 60384-14 UL 1414	VDE 40025754 UL E208107
X capacitor (CX1) (Optional)	Cheng Tung Industrial Co., Ltd.	CTX	Min. 250VAC, Max. 0.47μF,110 °C, X1 or X2	IEC 60950-1 UL 60384-14 UL 1414	ENEC-01396 UL E193049
Alt. use	Joey Electronics (Dong Guan) Co., Ltd.	MPX	Min. 250VAC, Max. 0.47μF,110 °C, X1 or X2	IEC 60950-1 UL 60384-14 UL 1414	VDE 40032481 UL E216807
Alt. use	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	Min. 250VAC, Max. 0.47μF,110 °C, X1 or X2	IEC 60950-1 UL 60384-14 UL 1414	VDE 40015608 UL E183780
Alt. use	Yuon Yu Electronics Co. Ltd.	MPX	Min. 250VAC, Max. 0.47μF,110 °C, X1 or X2	IEC 60950-1 UL 60384-14 UL 1414	VDE 40032392 UL E200119
Alt. use	Sinhua Electronics (Huzhou) Co., Ltd.	MPX	Min. 250VAC, Max. 0.47μF,110 °C, X1 or X2	IEC 60950-1 UL 60384-14 UL 1414	VDE 40014686 UL E237560
Alt. use	Dain Electronics Co., Ltd.	MEX, MPX, NPX	Min. 250VAC, Max. 0.47μF,110 °C, X1 or X2	IEC 60950-1 UL 60384-14 UL 1414	VDE 40018798 UL E147776

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Alt. use	SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO.,LTD.	MPX	Min. 250VAC, Max. 0.47μF,110 °C, X1 or X2	IEC 62368-1 UL 60384-14 UL 1414	VDE 40018798 UL E147776
Alt. use	HUA JUNG COMPONENTS CO LTD	MKP	Min. 250VAC, Max. 0.47μF,110 °C, X1 or X2	IEC 62368-1 UL 60384-14 UL 1414	ENEC: SE-ENEC-2002 895R2 UL E149075
Photo coupler (U4)	Everlight Electronics Co., Ltd.	EL817	Dti=0.5mm Int. , dcr=6.0mm EXT.dcr=7.7mm, 55/110/21	IEC 60747-5-5 UL 1577	VDE 132249 UL E214129
Alt. use	COSMO	K1010/KP1010	Dti=0.6mm Int，dcr=4.0mm，EXT.dcr=5.0mm，thermal cycling test，115℃	DIN VDE 0603-2	VDE 101347 UL E169586
Alt. use	Lite-On Technology Corporation	LTV-817，LTV-817M，LTV-817S	Dti=0.4mm Int，EXT.dcr=7.0mm，thermal cycling test，115℃	IEC 60747-5-5 UL 1577	VDE 40015248 UL E113898
Alt. use	Fairchild Semiconductor Pte Ltd.	H11A817B, FOD817B	Insulation voltage: 850V; Transient overvoltage: 6000V; CTI175; Int. Cr/ Ext. Cr: ≥7,0/ 7,0 mm; 30/110/21	IEC/EN 60747-5-5	VDE 40026857
Alt. use	Sharp Corporation Electronic Components and Devices Group	PC817	Insulation voltage: 890V; Transient overvoltage: 9000V Int. Cr/ Ext. Cr: 7.62/ 7.62 mm; 30/100/21	UL1557,	UL E64380
Alt. use	Bright Led Electronics Corp.	BPC-817 A/B/C/D/L BPC-817 M BPC-817 S	Dti=0.4mm EXT.dcr=7.0mm, thermal cycling test,110°C	IEC/EN 60747-5-2 UL1557,	VDE 40007240 UL E236324

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Varistor (MOV1) (Optional)	Xiamen Set Electronics Co., Ltd.	TFV8S471K TFV10S471K	Max. Continuous voltage: Min. 300Vac(rms), Min. 105°C, The coating is Min. V-0	IEC 61051-1, IEC 61051-2, IEC 61051-2-2,	TUV-RH (J 50554061) TUV-RH (J 50554091) UL E322662
Alt. use	SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO LTD	10D621K 14D621K	Max. Continuous voltage: Min. 385Vac(rms), Min. 125°C, The coating is Min. V-0	IEC/EN 61051-1 IEC/EN 61051-2 UL1449	VDE 40023049 UL E330837
Alt. use	Success Electronics Co., Ltd.	SVR10D471K SVR14D471K	300Vac, coating, Min. V-0, min. 85 °C, 6KV/3KA, pulse test passed	IEC 61051-1, IEC 61051-2, IEC 61051-2-2	VDE 40030401
Alt. use	Guangdong Huiwan Electronics Technology Co.Ltd.	V-621K-10 D H V-621K-14 D H	Max. Continuous voltage: Min. 385Vac(rms), Min. 125°C, The coating is Min. V-0	IEC/EN 61051-1 IEC/EN 61051-2 UL1449	VDE 40043880 UL E480104
Alt. use	Thinking Electronic Industrial Co., Ltd.	TVR10471K TVR14471K	Max. Continuous voltage: Min. 385Vac(rms), Min. 125°C, The coating is Min. V-0	IEC/EN 61051-1 IEC/EN 61051-2 UL1449	VDE005944 UL E314979
Alt. use	Thinking Electronic Industrial Co., Ltd.	TVR10621	385Vac, coating, Min. V-0, min. 105 °C, 6KV/3KA, pulse test passed	IEC 61051-1, IEC 61051-2, IEC 61051-2-2	VDE 005944
Output cord	Interchangeable	Interchangeable	Min. 24AWG, min. 300Vac, min. 80°C	IEC/EN 60950-1 UL 758	Tested with appliance UL approved
Transformer (T1)	GlobTek / ENG / BOAM / HAOPUWEI	TF059 (9-15V) TF063 (15.1-20V)	Class B,	IEC 62368-1	Tested with appliance
-Insulation system	GlobTek	GTX-130-TM	Class B	UL1446	UL E243347
Alternate	ENG	ENG130-1	Class B	UL1446	UL E308897
Alternate	HAOPUWEI	ZT-130	Class B	UL1446	UL E315275
Alternate	BOAM	BOAM-01orB1	Class B	UL1446	UL E252329

Object/part no.	Manufacturer/ trademark	Type/model	Technical data	Standard	Mark(s) of conformity.
- Magnet wire	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEWN/U	MW28-C, 130°C	IEC/EN 60950-1 UL 1446	Tested with appliance UL E201757
Alt. use	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEWS/U	MW75-C, 130°C	IEC/EN 60950-1 UL 1446	Tested with appliance UL E201757
Alt. use	JUNG SHING WIRE CO LTD	UEW-4	MW75C, 130°C	IEC/EN 60950-1 UL 1446	Tested with appliance UL E174837
Alt. use	JUNG SHING WIRE CO LTD	UEY-2	MW28-C, 130°C	IEC/EN 60950-1 UL 1446	Tested with appliance UL E174837
Alt. use	JIANGSU HONGLIU MAGNET WIRE TECHNOLOGY CO LTD	2UEW/130	MW75-C, 130°C	IEC/EN 60950-1 UL 1446	Tested with appliance UL E335065
Alt. use	CHANGZHOU DAYANG WIRE & CABLE CO LTD	2UEW/130	MW75-C, 130°C	IEC/EN 60950-1 UL 1446	Tested with appliance UL E158909
Alt. use	NINGBO JINTIAN NEW MATERIAL CO LTD	2UEW/130	MW75-C, 130°C	IEC/EN 60950-1 UL 1446	Tested with appliance UL E227047
Alt. use	WUXI JUFENG COMPOUND LINE CO LTD	2UEWB	MW75#, 130°C	IEC/EN 60950-1 UL 1446	Tested with appliance UL E206882
Alt. use	JIANGSU DARTONG M & E CO LTD	UEW	MW 75-C, 130°C	IEC/EN 60950-1 UL 1446	Tested with appliance UL E237377
Alt. use	SHANDONG SAINT ELECTRIC CO LTD	UEW/130	MW75#, 130°C	IEC/EN 60950-1 UL 1446	Tested with appliance UL E194410
Alt. use	ZHEJIANG LANGLI ELECTRIC EQUIPMENTS CO LTD	UEW	MW 79#, 130°C	IEC/EN 60950-1 UL 1446	Tested with appliance UL E222214
-Triple-insulated wire (Secondary)	Great Leoflon Industrial Co., Ltd.	TRW (B)	Class B, reinforced insulation	IEC/EN 60950-1 UL 2353 UL 60601-1	VDE 136581 UL E211989
- Alt. use	COSMOLINK CO. Ltd.	TIW-M	Class B, reinforced insulation	IEC/EN 60950-1 UL 2353 UL 60601-1	VDE 138053 UL E213764
- Alt. use	E&B TECHNOLOGY CO LTD	E&B-XXXB, E&B-XXXB-1	Class B, 130°C, reinforced insulation	UL 2353 IEC/EN 62368-1	VDE 40023473 UL E315265

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- Alt. use	CHANGYUAN ELECTRONICS (SHENZHEN) CO LTD	CB-TIW	Class B, 130°C, reinforced insulation	UL 2353 IEC/EN 62368-1	UL E249037 and tested with appliance
- Alt. use	Furukawa Electric Co., Ltd. Electronics & Automotive Systems Company Global Business Development Division	TEX-E	Class B, reinforced insulation	IEC/EN 60950-1 UL 2353 UL 60601-1	VDE 006735 UL E206440
- Alt. use	TOTOKU ELECTRIC CO LTD	TIW-2	Reinforced insulation, Class B	IEC/EN 60950-1 UL 2353 UL 60601-1	VDE 40005152 UL E166483
- Alt. use	TOTOKU ELECTRIC CO LTD	TIW-2X$+	Reinforced insulation, Class B	IEC/EN 62368-1 UL 2353 UL 60601-1	VDE 40005152 UL E166483
- Alt. use	HOI LUEN ELECTRICAL MFR CO LTD	THL-F-xx, THL-F-SB-xx	Reinforced insulation, Class B	IEC/EN 62368-1 UL 2353 UL 60601-1	VDE 40020365 UL E257525
-Bobbin	CHANG CHUN PLASTICS CO LTD	T375J T375HF	V-0, 150°C, thickness 0,45 mm min.	IEC/EN 60950-1 UL 94 UL 746 A/B/C/D	Tested with appliance UL E59481
- Alt. use	SUMITOMO BAKELITE CO LTD	PM-9820, PM-9630, PM-9823	V-0, 150°C, thickness 0,45 mm min.	IEC/EN 60950-1 UL 94 UL 746 A/B/C/D	Tested with appliance UL E41429
- Alt. use	Resonac Techno Service Corporation	CP-J-8800	V-0, 150°C, thickness 0.45 mm min.	UL 94 IEC/EN 62368-1	UL E514814 and tested with appliance
-Insulating tape	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1350F-1 1350T-1 44	Min.130°C	IEC/EN 60950-1 UL 510	Tested with appliance UL E17385
- Alt. use	BONDTEC PACIFIC CO LTD	370S	Min.130°C	IEC/EN 60950-1 UL 510	Tested with appliance UL E175868
- Alt. use	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	PZ CT WF	Min.130°C	IEC/EN 60950-1 UL 510	Tested with appliance UL E165111
- Alt. use	JINGJIANG JINGYI ADHESIVE PRODUCT CO LTD	JY25-A	Min.130°C	IEC/EN 60950-1 UL 510	Tested with appliance UL E246950
- Alt. use	Chang Shu Liang Yi Tape Industry Co Ltd	LY-XX	Min.130°C	IEC/EN 60950-1 UL 510	Tested with appliance UL E246820

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-PTFE tubing	Great Holding Industrial Co Ltd	TFT / TFS	Min. 300V, 200°C	IEC/EN 60950-1 UL 510	Tested with appliance UL E156256
-Alt. use	Shenzhen Woer Heat-Shrinkable Material Co Ltd	WF	600V, 200°C	IEC/EN 60950-1 UL 510	Tested with appliance UL E203950
-Alt. use	Changyuan Electronics (Shenzhen) Co Ltd	CB-TT-T, CB-TT-S	Min. 300V, 200°C	IEC/EN 60950-1 UL 510	Tested with appliance UL E180908
Line filter LF1	GlobTek/HAOPUWEI/ HEJIA/BOAM/ENG	GTM91099-LF1	Min. 200uH	IEC/EN 62368-1	Tested with appliance
Line filter LF2	GlobTek/HAOPUWEI/ HEJIA/BOAM/ENG	NF00031	Min. 10mH	IEC/EN 62368-1	Tested with appliance

End of Report

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