



TEST REPORT

Reference No...... : WTX25X06144142E002
Applicant..... : GlobTek, Inc.
Address..... : 186 Veterans Dr. Northvale, NJ 07647 USA
Manufacturer..... : GlobTek, Inc.
Address..... : 186 Veterans Dr. Northvale, NJ 07647 USA
Product Name..... : ITE / Medical Power Supply
Model No...... : GTM930482LI1C2000
Standards..... : **EN 60601-1-2:2015+A1:2021**
Date of Receipt sample..... : 2025-06-06
Date of Test..... : 2025-06-06 to 2025-06-10
Date of Issue..... : 2025-06-11
Test Report Form No...... : WTX_EN 60601_1_2_2015_B
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approval.

Prepared By:

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Report version

Version No.	Date of issue	Description
Rev.00	2025-06-11	Original
/	/	/

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1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

Client Information

Factory name1: GlobTek, Inc.

Factory address1: 186 Veterans Dr. Northvale, NJ 07647 USA

Factory name2: GlobTek (Suzhou) Co., Ltd

Factory address2: Building 4, No. 76, Jin Ling East Rd., Suzhou Industrial Park, Suzhou, JiangSu 215021, China

General Description of EUT	
Product Name:	ITE / Medical Power Supply
Trade Name:	 
Model No.:	GTM930482LI1C2000
Adding Model(s):	/
<i>Note: The test data is gathered from production sample, provided by the manufacturer.</i>	

Technical Characteristics of EUT	
Power Supply:	Input: 100-240V~,50-60Hz, 1.5A Output: 2 x 4.2V=2X2.0A,16.8W
Power Adaptor:	/
Cable:	DC line *1 (length 1.88m, Unshielded, With Ferrite, Without Chip)
Rated Power:	16.8W
Rated Current:	2X2.0A
Highest Internal Frequency:	Below 108MHz
Classification of Equipment:	Class B



1.2 Test Standards

The tests were performed according to following standards:

EN 60601-1-2:2015+A1:2021: Medical electrical equipment – Part 1-2: General requirements for basic safety and essential performance – Collateral Standard: Electromagnetic disturbances – Requirements and tests
Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product maybe which result in lowering the emission/immunity should be checked to ensure compliance has been maintained.

1.3 Test Location

Laboratory: Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road, Block 70 Bao'an District, Shenzhen, Guangdong, China

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1.4 EUT Setup and Operation Mode

The equipment under test (EUT) was configured to measure its highest possible emission/immunity level. The test modes were adapted according to the operation manual for use, more detailed description as follows:

No	Title	Description
TM1	Working Mode 1	AC 230V/50Hz
TM2	Working Mode 2	AC 120V/60Hz

1.5 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions (AC Mains 150k - 30MHz)	$\pm 3.34\text{dB}$
Radiated Emissions (30M - 1000MHz)	30-200MHz: $\pm 4.52\text{dB}$ 200-1000MHz: $\pm 5.56\text{dB}$

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1.6 Test Equipment List and Details

Conducted disturbances from a.c. mains power port

Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
LISN	Rohde & Schwarz	ENV 216	100097	2025-02-23	2026-02-22
EMI Test Receiver	Rohde & Schwarz	ESPI	101259	2025-02-23	2026-02-22
8-WIRE ISN CAT5	Schwarz beck	8158	CAT5-8158-0117	2025-02-23	2026-02-22
EMI Test Software (Conducted Emission Room 2#)	Farad	EZ-EMC	3A1*CE-RE 1.1.4.3	/	/

Electromagnetic radiation disturbance (30MHz-1GHz)

Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
EMI Test Receiver	Rohde & Schwarz	ESPI	101391	2025-02-23	2026-02-22
Amplifier	Agilent	8447D	2944A10457	2025-02-23	2026-02-22
Trilog Broadband Antenna	Schwarz beck	VULB9163(B)	9163-635	2024-03-17	2027-03-16
EMI Test Software (Radiated Emission B)	Farad	EZ-EMC	RA-03A1 (1.1.4.2)	/	/

Voltage fluctuations and flicker

Harmonic distortion

Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
Power Source	California Instrument	5001IX-CTS-400	60077	2025-02-23	2026-02-22
Digital Power Analyzer	California Instrument	CTS	72831	2025-02-23	2026-02-22
Test Software (Harmonics & Flicker)	AMETEK	CTS4	4.32	/	/

Electrostatic discharge

Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
ESD Generator	LIONCEL	ESD-203B	0170901	2025-02-23	2026-02-22

**Radiated RF EM fields**

Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
Power Meter	Agilent	E4419B	GB42420578	2025-02-23	2026-02-22
Antenna	SCHWARZBECK	STLP 9129	9129 114	/	/
RF Power Amplifier	MicoTop	MPA-1000-6000-100	MPA1906238	2025-02-23	2026-02-22
RF Power Amplifier	MicoTop	MPA-80-1000-250	MPA1906239	2025-02-23	2026-02-22
Power Sensor	Agilent	E9304A	MY55081055	2025-02-23	2026-02-22
Power Sensor	Agilent	E9301A	MY52450001	2025-02-23	2026-02-22
Signal Generator	HP	8665B	3438A00604	2025-02-23	2026-02-22
Test Software (Radio frequency electromagnetic Field)	EMtrace	EM3	V1.2.6.2	/	/

Electrical fast transients / bursts (AC power port)

Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
EFT Generator	EVERFINE	EMS61000-4A	P635789CS1 441117	2024-11-05	2025-11-04

Surges (AC power port)

Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
Surge Generator	EVERFINE	EMS61000-5A	P612004TD1 441112	2025-02-22	2026-02-21

Conducted disturbances induced by RF fields (AC power port)

Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
EM Clamp	TESEQ	KEMZ801A	45028	2025-02-23	2026-02-22
CDN	LIONCEL	CDN-T8	0210401	2025-02-23	2026-02-22
CDN	Luthi	L-801M2/M3	2665	2025-02-23	2026-02-22
Attenuator	EMTEST	MA-5100/6BF2	1009	2025-02-23	2026-02-22
CONDUCTED IMMUNITY TEST SYSTEM	FRANKONIA	CIT-10/75	126B1247/20 13	2025-02-23	2026-02-22
Test Software (Radio frequency, Continuous conducted)	SKET	EMC-S	V1.4.0.16	/	/



Rated power frequency magnetic fields					
Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
Instantaneous PMF Generator Module	LIONCEL	PMF-801C-T	0171001	2025-02-23	2026-02-22
PMF Antenna	LIONCEL	PMF-801C-A	0180302	2025-02-23	2026-02-22
PMF Generator	LIONCEL	PMF-801C-C	0171101	2025-02-23	2026-02-22

Voltage dips and interruptions					
Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
Voltage sag generator	EVERFINE	EMS61000-11C	P660569CM1 451112	2025-02-23	2026-02-22

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2. SUMMARY OF TEST RESULTS

Item	Standard	Method	Result
Conducted disturbances from a.c. mains power port	EN 60601-1-2:2015+A1:2021	CISPR 11:2015+A1:2016+A2:2019	Compliant
Electromagnetic radiation disturbance (30MHz-1GHz)	EN 60601-1-2:2015+A1:2021	CISPR 11:2015+A1:2016+A2:2019	Compliant
Harmonic distortion	EN 60601-1-2:2015+A1:2021	EN 61000-3-2, clause 7	Compliant
Voltage fluctuations and flicker	EN 60601-1-2:2015+A1:2021	EN 61000-3-3, clause 6	Compliant
Electrostatic discharge	EN 60601-1-2:2015+A1:2021	EN 61000-4-2, clauses 6, 7 and 8	Compliant
Radiated RF EM fields	EN 60601-1-2:2015+A1:2021	EN 61000-4-3, clauses 6, 7 and 8	Compliant
Electrical fast transients / bursts (AC power port)	EN 60601-1-2:2015+A1:2021	EN 61000-4-4, clauses 5	Compliant
Surges (AC power port)	EN 60601-1-2:2015+A1:2021	EN 61000-4-5, clauses 7 and 8	Compliant
Conducted disturbances induced by RF fields (AC power port)	EN 60601-1-2:2015+A1:2021	EN 61000-4-6, clauses 6 and 8	Compliant
Rated power frequency magnetic fields	EN 60601-1-2:2015+A1:2021	EN 61000-4-8, clause 8	Compliant
Voltage dips and interruptions	EN 60601-1-2:2015+A1:2021	EN 61000-4-11, clause 8	Compliant



3. Evaluation Results (Evaluation)

3.1 Harmonic current emission

Test Requirement:	EN 60601-1-2, clause 7.2.1
Test Limit:	EN 61000-3-2, clause 7
Test Method:	EN 61000-3-2, clause 7

3.1.1 E.U.T. Operation

Environmental Conditions	
Temperature:	22.8 °C
Relative Humidity:	55.1 %
Atmospheric Pressure:	101.05 kPa
Test mode:	TM1

3.1.2 Summary of Test Results

Refer to EN 61000-3-2 clause 7.1:

"For the following categories of equipment, limits are not specified in this document:

- lighting equipment with a rated power less than but not equal to 5 W;
- equipment with a rated power of 75 W or less, other than lighting equipment;"

Since the rated power of the EUT is less than above described, it is deemed to comply with the requirement.

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4. Emission Test Results (EMI)

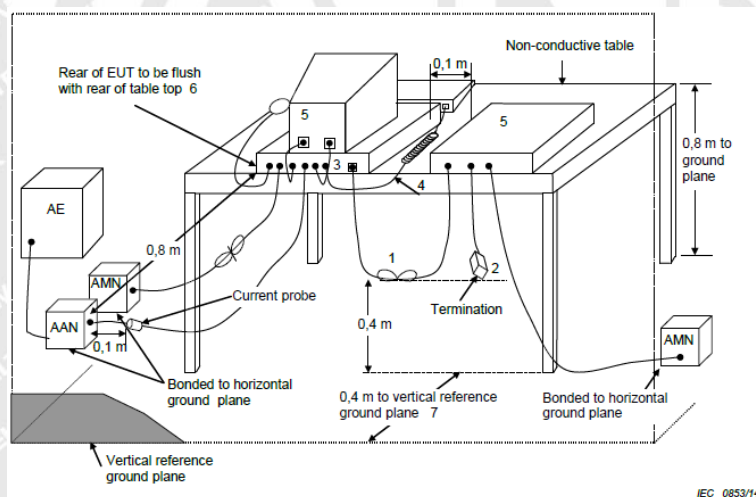
4.1 Conducted disturbances from a.c. mains power port

Test Requirement:	Class B Group 1																	
Test Limit:	<table><tr><th>Frequency range MHz</th><th>Quasi-peak dB(μV)</th><th>Average dB(μV)</th></tr><tr><td>0,15 – 0,50</td><td>66 Decreasing linearly with logarithm of frequency to 56</td><td>56 Decreasing linearly with logarithm of frequency to 46</td></tr><tr><td>0,50 – 5</td><td>56</td><td>46</td></tr><tr><td>5 – 30</td><td>60</td><td>50</td></tr><tr><td colspan="3">At the transition frequency, the more stringent limit shall apply.</td></tr></table>			Frequency range MHz	Quasi-peak dB(μV)	Average dB(μV)	0,15 – 0,50	66 Decreasing linearly with logarithm of frequency to 56	56 Decreasing linearly with logarithm of frequency to 46	0,50 – 5	56	46	5 – 30	60	50	At the transition frequency, the more stringent limit shall apply.		
Frequency range MHz	Quasi-peak dB(μV)	Average dB(μV)																
0,15 – 0,50	66 Decreasing linearly with logarithm of frequency to 56	56 Decreasing linearly with logarithm of frequency to 46																
0,50 – 5	56	46																
5 – 30	60	50																
At the transition frequency, the more stringent limit shall apply.																		
Test Method:	CISPR 11:2015+A1:2016+A2:2019																	
Procedure:	An initial pre-scan was performed with peak detector. Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected.																	

4.1.1 E.U.T. Operation

Environmental Conditions	
Temperature:	23.5 °C
Relative Humidity:	54 %
Atmospheric Pressure:	100.74 kPa
Test mode:	TM1, TM2

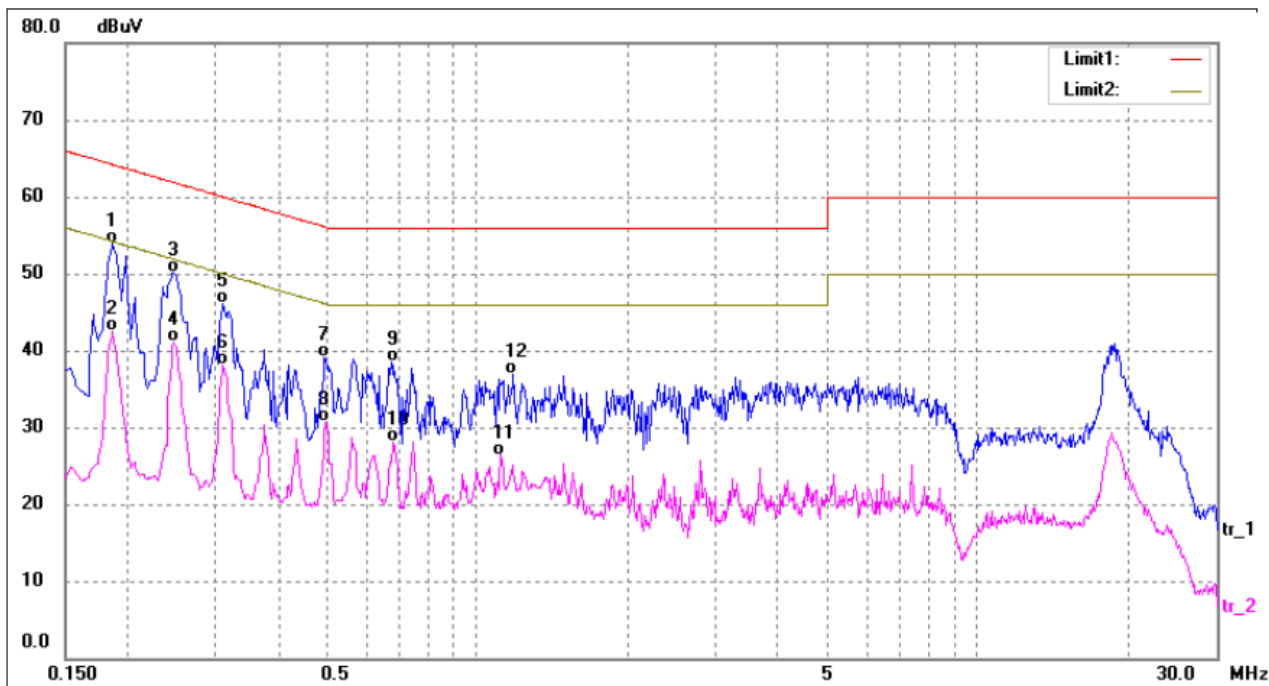
4.1.2 Basic Test Setup Block Diagram



4.1.3 Summary of Test Results



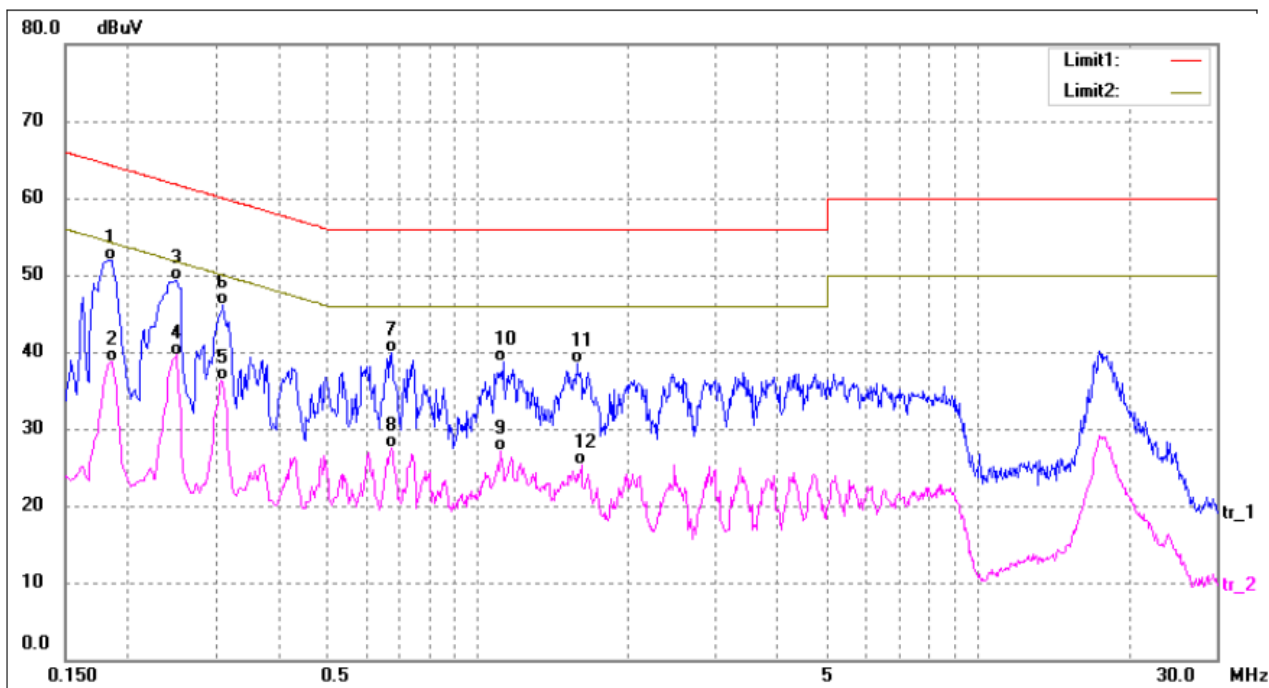
TM1 / Line: Line



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1*	0.1860	44.32	9.57	53.89	64.21	-10.32	QP
2	0.1860	32.84	9.57	42.41	54.21	-11.80	AVG
3	0.2460	40.49	9.63	50.12	61.89	-11.77	QP
4	0.2460	31.47	9.63	41.10	51.89	-10.79	AVG
5	0.3100	36.55	9.63	46.18	59.97	-13.79	QP
6	0.3100	28.43	9.63	38.06	49.97	-11.91	AVG
7	0.4940	29.38	9.65	39.03	56.10	-17.07	QP
8	0.4980	21.00	9.65	30.65	46.03	-15.38	AVG
9	0.6740	28.78	9.73	38.51	56.00	-17.49	QP
10	0.6820	18.40	9.73	28.13	46.00	-17.87	AVG
11	1.1140	16.69	9.71	26.40	46.00	-19.60	AVG
12	1.1820	27.25	9.69	36.94	56.00	-19.06	QP



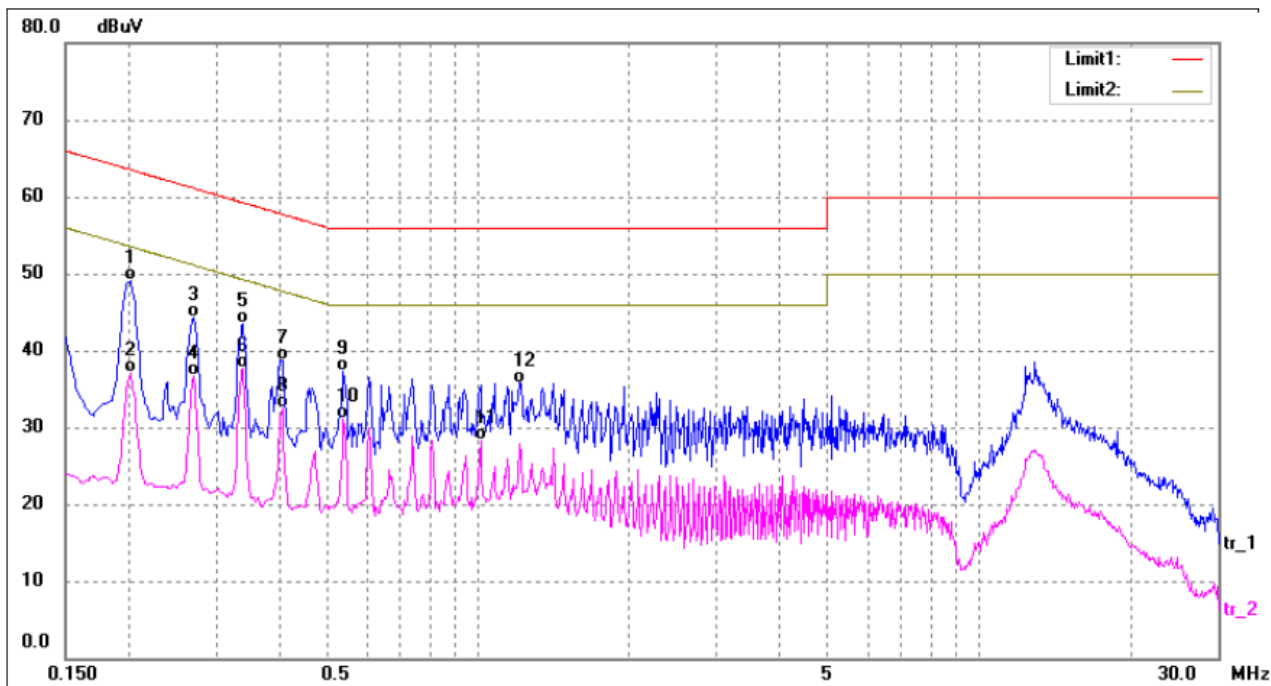
TM1 / Line: Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1819	42.41	9.56	51.97	64.39	-12.42	QP
2	0.1860	29.17	9.57	38.74	54.21	-15.47	AVG
3	0.2500	39.68	9.63	49.31	61.75	-12.44	QP
4*	0.2500	29.97	9.63	39.60	51.75	-12.15	AVG
5	0.3060	26.63	9.63	36.26	50.08	-13.82	AVG
6	0.3100	36.52	9.63	46.15	59.97	-13.82	QP
7	0.6740	30.25	9.73	39.98	56.00	-16.02	QP
8	0.6740	17.80	9.73	27.53	46.00	-18.47	AVG
9	1.1140	17.34	9.71	27.05	46.00	-18.95	AVG
10	1.1260	28.91	9.71	38.62	56.00	-17.38	QP
11	1.5780	28.90	9.53	38.43	56.00	-17.57	QP
12	1.6180	15.84	9.51	25.35	46.00	-20.65	AVG



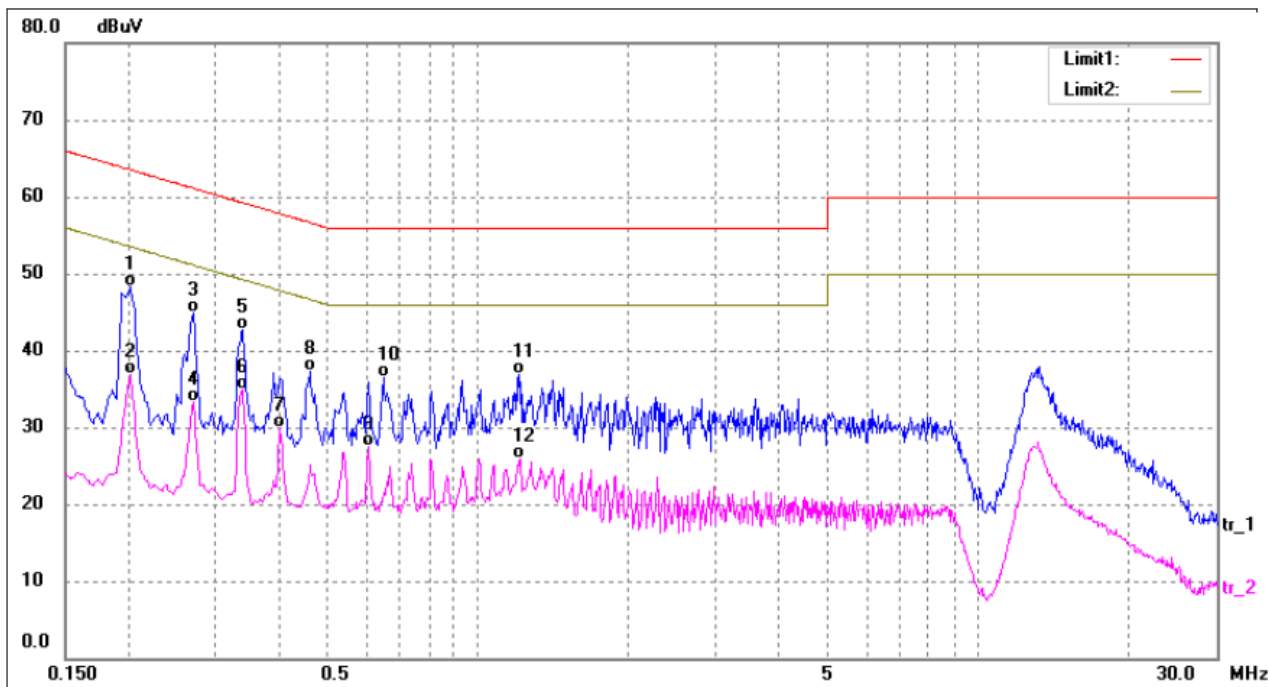
TM2 / Line: Line



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.2020	39.52	9.63	49.15	63.52	-14.37	QP
2	0.2020	27.42	9.63	37.05	53.52	-16.47	AVG
3	0.2700	34.74	9.63	44.37	61.12	-16.75	QP
4	0.2700	27.11	9.63	36.74	51.12	-14.38	AVG
5	0.3379	33.85	9.63	43.48	59.25	-15.77	QP
6*	0.3379	28.07	9.63	37.70	49.25	-11.55	AVG
7	0.4020	29.01	9.64	38.65	57.81	-19.16	QP
8	0.4060	22.87	9.64	32.51	47.73	-15.22	AVG
9	0.5380	27.67	9.67	37.34	56.00	-18.66	QP
10	0.5380	21.44	9.67	31.11	46.00	-14.89	AVG
11	1.0140	18.59	9.75	28.34	46.00	-17.66	AVG
12	1.2140	26.13	9.67	35.80	56.00	-20.20	QP



TM2 / Line: Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.2020	38.61	9.63	48.24	63.52	-15.28	QP
2	0.2020	27.22	9.63	36.85	53.52	-16.67	AVG
3	0.2700	35.19	9.63	44.82	61.12	-16.30	QP
4	0.2700	23.59	9.63	33.22	51.12	-17.90	AVG
5	0.3379	33.11	9.63	42.74	59.25	-16.51	QP
6*	0.3379	25.21	9.63	34.84	49.25	-14.41	AVG
7	0.4020	20.20	9.64	29.84	47.81	-17.97	AVG
8	0.4620	27.65	9.65	37.30	56.66	-19.36	QP
9	0.6060	17.78	9.69	27.47	46.00	-18.53	AVG
10	0.6500	26.80	9.71	36.51	56.00	-19.49	QP
11	1.2140	27.33	9.67	37.00	56.00	-19.00	QP
12	1.2180	16.23	9.67	25.90	46.00	-20.10	AVG



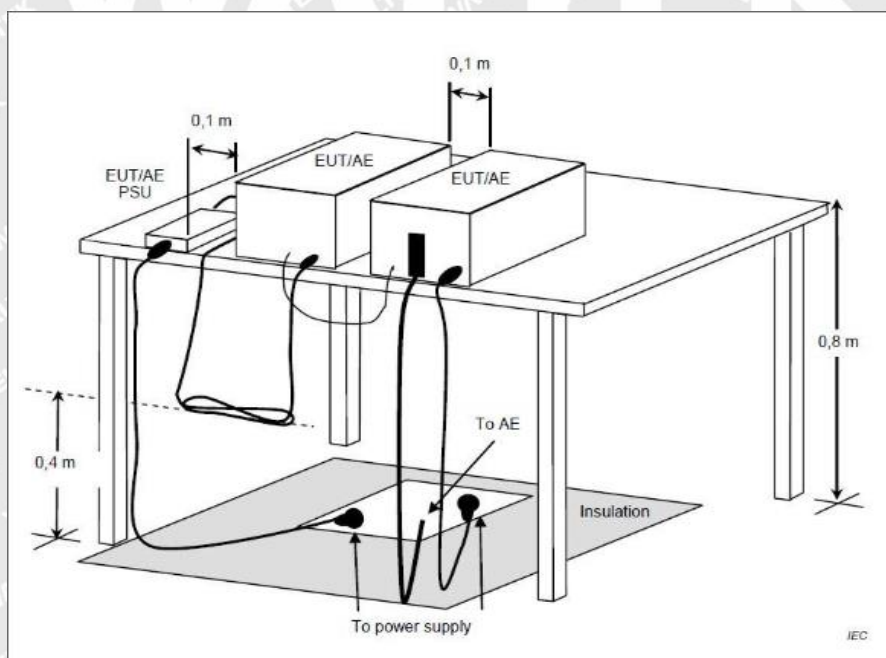
4.2 Electromagnetic radiation disturbance (30MHz-1GHz)

Test Requirement:	Class B Group 1		
Test Limit:	OATS or SAC		FAR
	10 m measuring distance	3 m measuring distance ^a	3 m measuring distance ^{a,b}
	Frequency range MHz	Quasi-peak dB(μV/m)	Quasi-peak dB(μV/m)
	30 – 230	30	42 Decreasing linearly with logarithm of frequency to 35
	230 – 1 000	37	42
Test Method:	CISPR 11:2015+A1:2016+A2:2019		
Procedure:	An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities.		

4.2.1 E.U.T. Operation

Environmental Conditions	
Temperature:	23.5 °C
Relative Humidity:	54 %
Atmospheric Pressure:	100.82 kPa
Test mode:	TM1, TM2

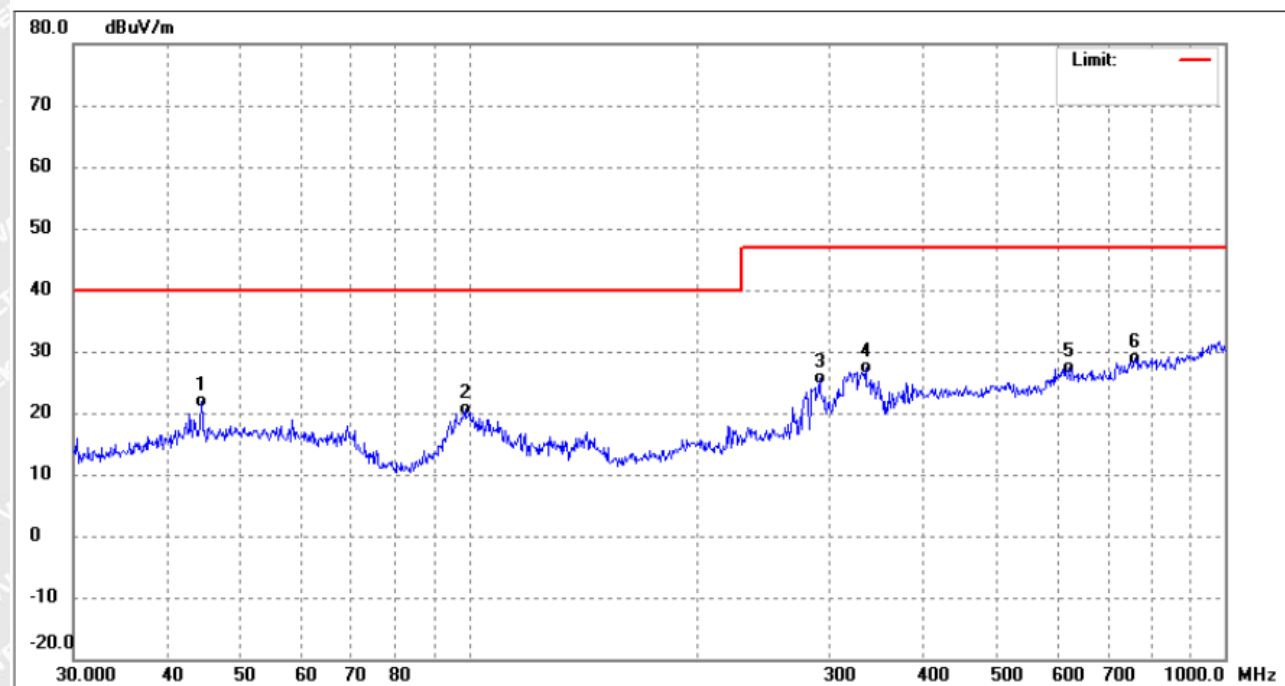
4.2.2 Basic Test Setup Block Diagram



4.2.3 Summary of Test Results



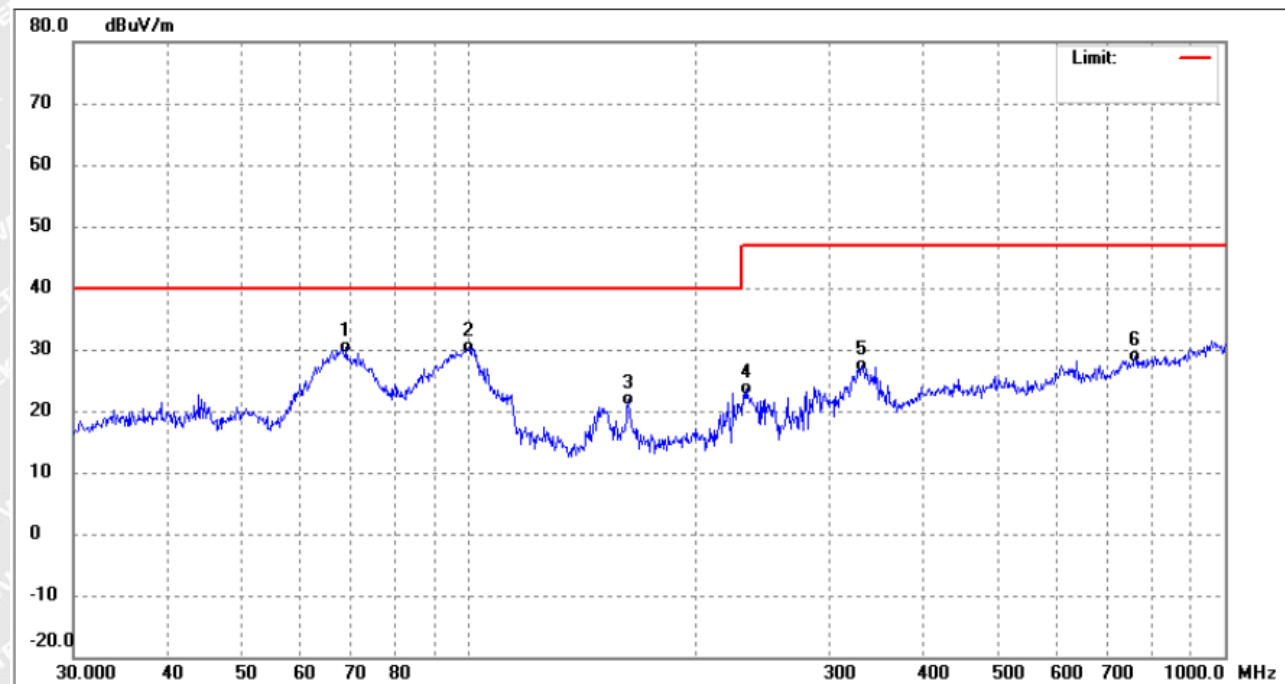
TM1 / Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	44.2752	32.23	-10.35	21.88	40.00	-18.12	QP
2	98.8326	32.52	-11.99	20.53	40.00	-19.47	QP
3	291.0360	34.59	-9.07	25.52	47.00	-21.48	QP
4	334.8589	35.12	-7.74	27.38	47.00	-19.62	QP
5	622.8900	28.79	-1.48	27.31	47.00	-19.69	QP
6	760.7036	28.58	0.19	28.77	47.00	-18.23	QP



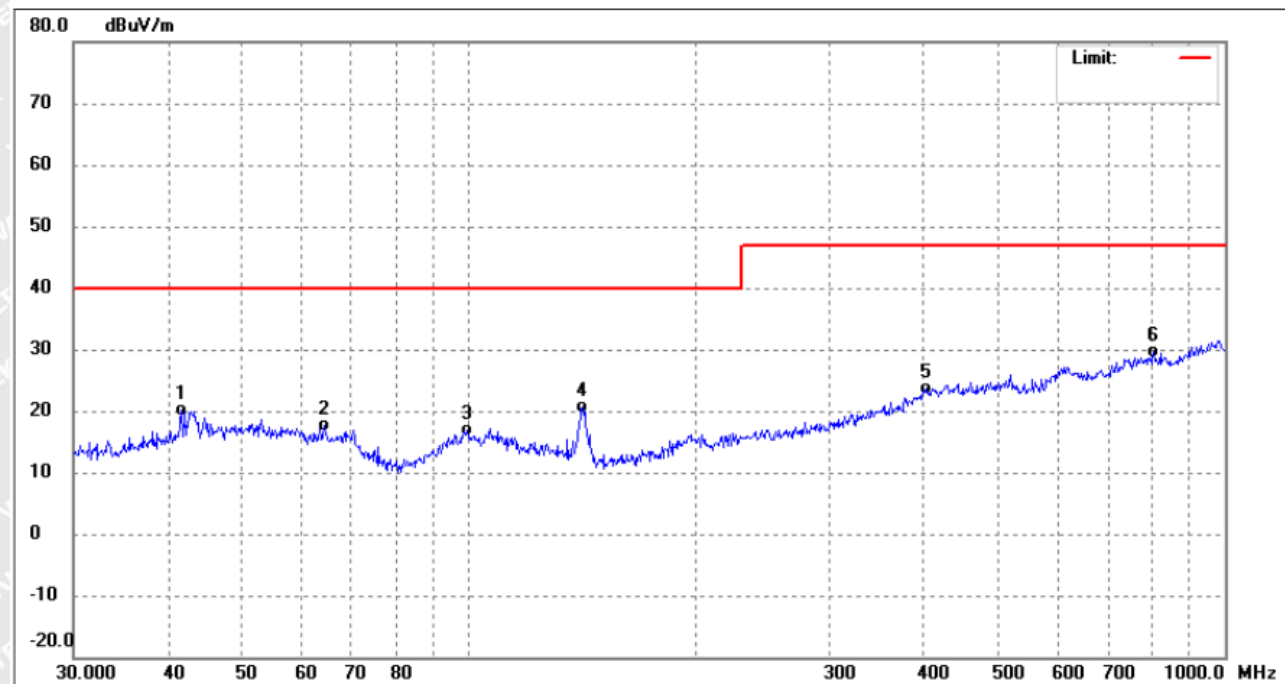
TM1 / Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	68.8721	44.06	-13.80	30.26	40.00	-9.74	QP
2	99.8777	42.31	-11.91	30.40	40.00	-9.60	QP
3	162.6106	36.37	-14.39	21.98	40.00	-18.02	QP
4	232.5318	34.23	-10.61	23.62	47.00	-23.38	QP
5	330.1949	35.43	-8.07	27.36	47.00	-19.64	QP
6	760.7036	28.75	0.19	28.94	47.00	-18.06	QP



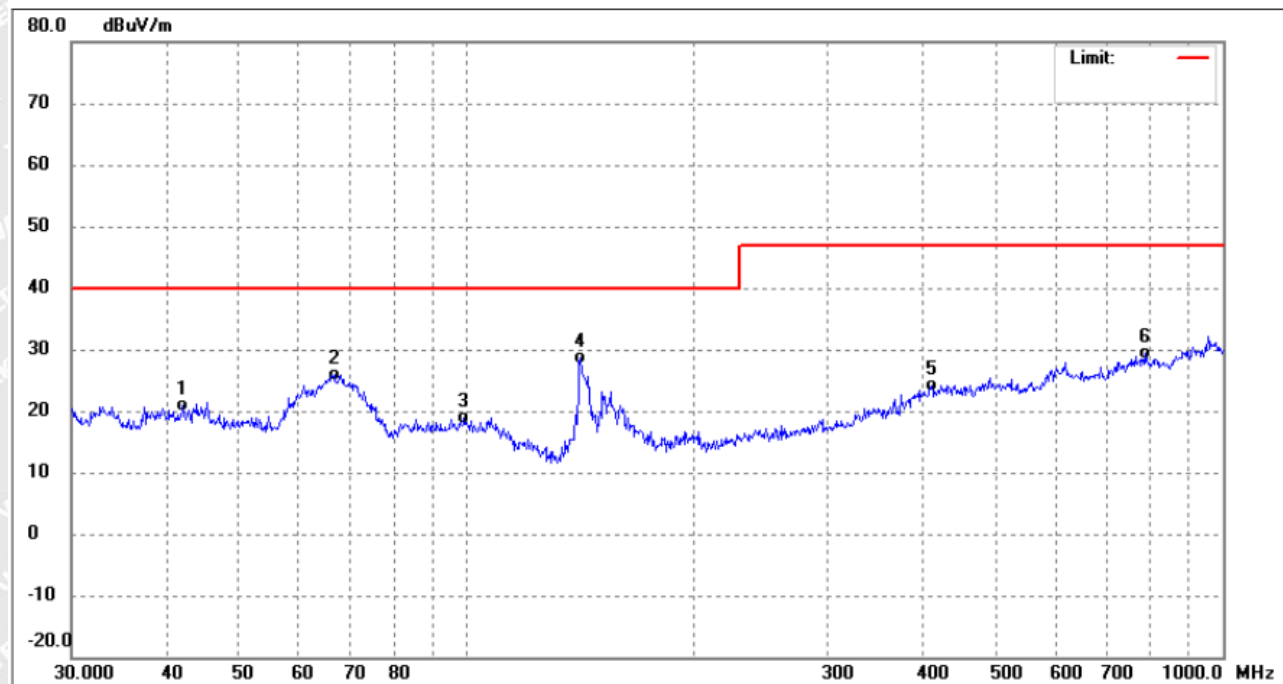
TM2 / Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	41.7129	30.90	-10.86	20.04	40.00	-19.96	QP
2	64.4331	30.07	-12.40	17.67	40.00	-22.33	QP
3	99.5281	28.70	-11.93	16.77	40.00	-23.23	QP
4	141.3298	35.86	-15.24	20.62	40.00	-19.38	QP
5	401.8385	27.97	-4.30	23.67	47.00	-23.33	QP
6	804.6028	29.20	0.53	29.73	47.00	-17.27	QP



TM2 / Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	42.1542	31.68	-10.76	20.92	40.00	-19.08	QP
2	66.7325	38.95	-13.11	25.84	40.00	-14.16	QP
3	99.1797	30.89	-11.95	18.94	40.00	-21.06	QP
4	141.3298	43.80	-15.24	28.56	40.00	-11.44	QP
5	411.8240	28.27	-4.15	24.12	47.00	-22.88	QP
6	787.8513	28.84	0.58	29.42	47.00	-17.58	QP



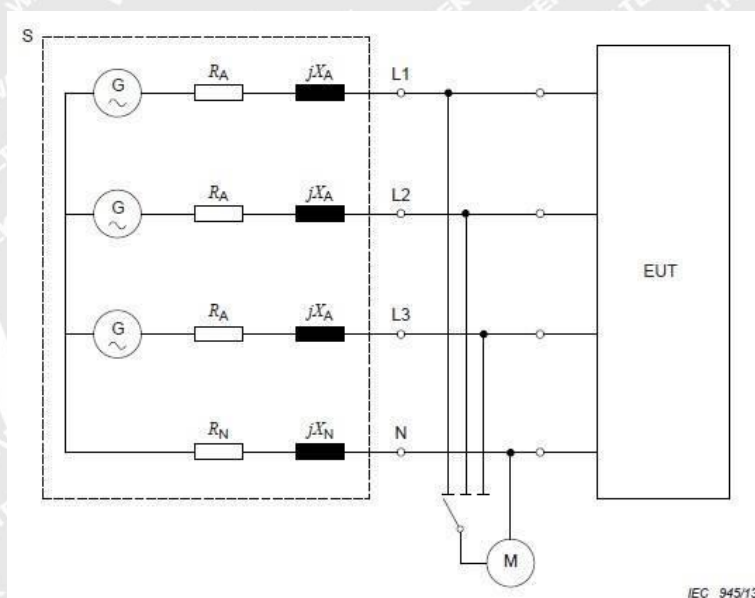
4.3 Voltage fluctuations and flicker

Test Requirement:	EN 60601-1-2, clause 7.2.2
Test Limit:	EN 61000-3-3, clause 5
Test Method:	EN 61000-3-3, clause 6

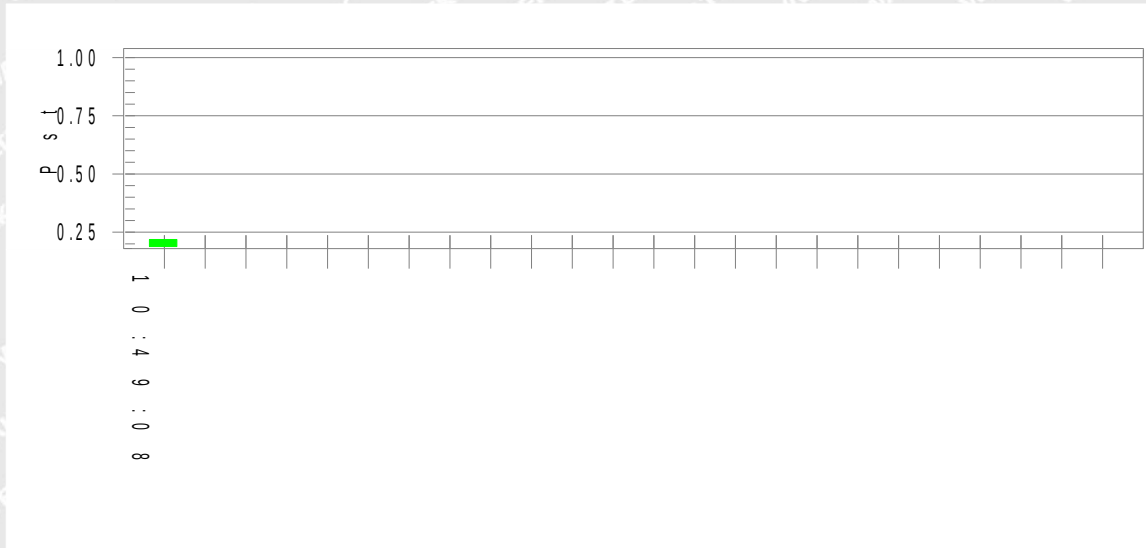
4.3.1 E.U.T. Operation

Environmental Conditions	
Temperature:	24.6 °C
Relative Humidity:	55.4 %
Atmospheric Pressure:	100.55 kPa
Test mode:	TM1

4.3.2 Basic Test Setup Block Diagram



4.3.3 Summary of Test Results

**Flicker Test Summary per IEC61000-3-3:2013+AMD2:2021 (Run time)****Comment: TM1****Customer: Customer****Test Result: Pass****Status: Test Completed****Pst and limit line****European Limits****Plt and limit line****Parameter values recorded during the test:****Vrms at the end of test (Volt): 229.89****T-max (mS): 0 Test limit (mS): 500.0 Pass****Highest dc (%): 0.00 Test limit (%): 3.30 Pass****Highest dmax (%): 0.00 Test limit (%): 4.00 Pass****Highest Pst (10 min. period): 0.219 Test limit: 1.000 Pass****Highest Plt (2 hr. period): 0.096 Test limit: 0.650 Pass**



5. Immunity Test Results (EMS)

Performance Criteria Description in EN 60601-1-2

Immunity pass criteria

Performance during and after the applied testing stimulus required to pass the test:

- for a mammography system, the compression full release and associated command remains fully operational;
- for ULTRASOUND DIAGNOSTIC EQUIPMENT, the probe heating, dissipative power and temperature shall remain within specifications;
- safety-related functions perform as intended;
- false operation of alarms, “fail safe” modes and similar functions do not occur.

Acceptable degradation:

- an imaging system displays an image that could be altered, but in a way that would not affect the diagnosis or treatment;
- a heart rate monitor displays a heart rate that could be in error, but by an amount that is not clinically significant;
- a PATIENT monitor exhibits a small amount of noise or a transient on a waveform and the noise or transient would not affect diagnosis, treatment or monitoring.

WALTEK



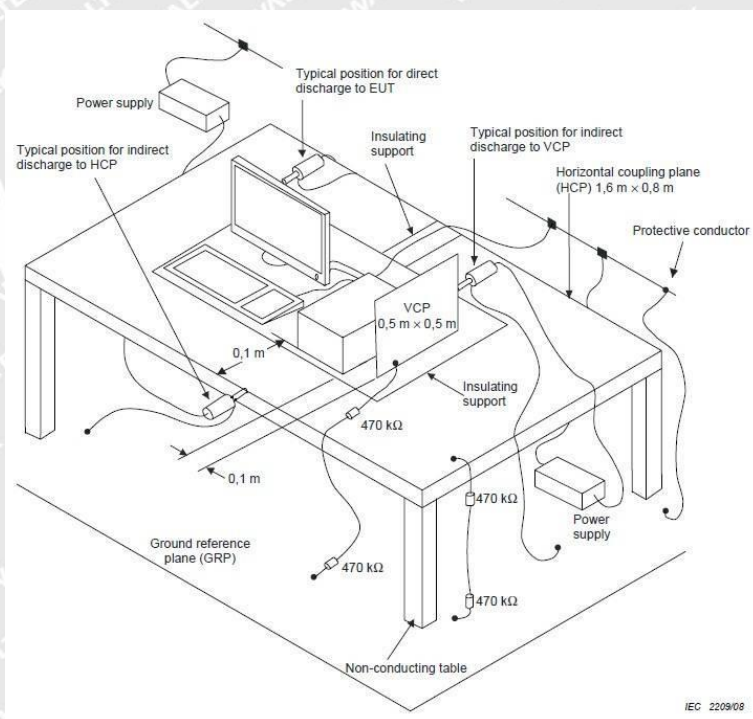
5.1 Electrostatic discharge

Test Requirement:	EN 60601-1-2, clause 8 Table 4 and Table 7
Test Method:	EN 61000-4-2, clauses 6, 7 and 8
Procedure:	Discharge Impedance: 330Ω/150pF Number of Discharge: Minimum 10 times at each test point Discharge Mode: Single Discharge Discharge Period: 1 second minimum
Performance Criteria:	Immunity pass criteria

5.1.1 E.U.T. Operation

Environmental Conditions	
Temperature:	24.8 °C
Relative Humidity:	55.1 %
Atmospheric Pressure:	100.62 kPa
Test mode:	TM1,TM2

5.1.2 Basic Test Setup Block Diagram





5.1.3 Summary of Test Results

Discharge type	Volt (kV)	Polarity	Test Point	Result/ Observations
Air discharge	2,4,8,15	+	1	A
Air discharge	2,4,8,15	-	1	A
Contact discharge	8	+	2	A
Contact discharge	8	-	2	A
Horizontal Coupling	8	+	3	A
Horizontal Coupling	8	-	3	A
Vertical Coupling	8	+	3	A
Vertical Coupling	8	-	3	A

A: No degradation in the performance of the EUT was observed.

WALTEK



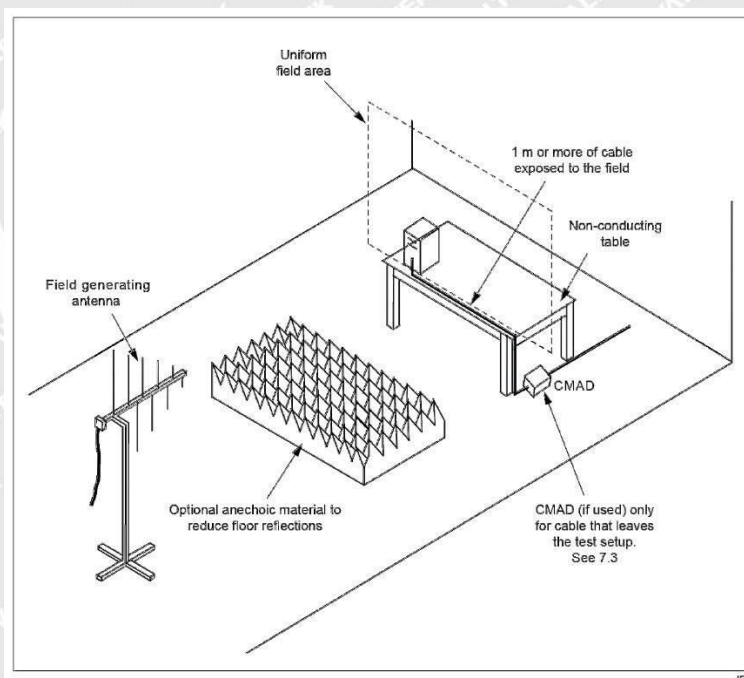
5.2 Radiated RF EM fields

Test Requirement:	EN 60601-1-2, clause 8 Table 4
Test Method:	EN 61000-4-3, clauses 6, 7 and 8
Procedure:	Frequency Range: 80MHz to 2.7GHz Antenna Polarisation: Vertical and Horizontal Modulation: 1kHz,80% Amp. Mod,1% increment
Performance Criteria:	Immunity pass criteria

5.2.1 E.U.T. Operation

Environmental Conditions	
Temperature:	24.9 °C
Relative Humidity:	54.8 %
Atmospheric Pressure:	100.49 kPa
Test mode:	TM1,TM2

5.2.2 Basic Test Setup Block Diagram





5.2.3 Summary of Test Results

Frequency	Field Strength (V/m)	EUT face	Dwell time	Result/ Observations
80MHz-2.7GHz	10	Front	1s	A
80MHz-2.7GHz	10	Back	1s	A
80MHz-2.7GHz	10	Left	1s	A
80MHz-2.7GHz	10	Right	1s	A
80MHz-2.7GHz	10	Top	1s	A
80MHz-2.7GHz	10	Bottom	1s	A

A: No degradation in the performance of the EUT was observed.

WALTEK



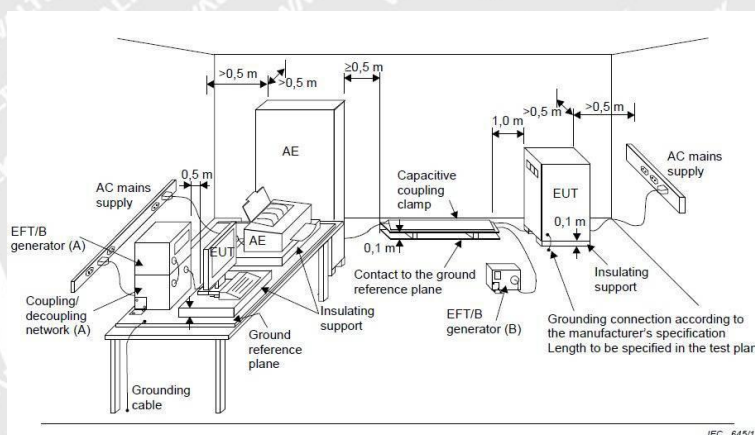
5.3 Electrical fast transients / bursts (AC power port)

Test Requirement:	EN 60601-1-2, clause 8 Table 5
Test Method:	EN 61000-4-4, clauses 5
Procedure:	Repetition Frequency: 100kHz Burst Period: 300ms
Performance Criteria:	Immunity pass criteria

5.3.1 E.U.T. Operation

Environmental Conditions	
Temperature:	23.5 °C
Relative Humidity:	55 %
Atmospheric Pressure:	100.65 kPa
Test mode:	TM1, TM2

5.3.2 Basic Test Setup Block Diagram



5.3.3 Summary of Test Results

Port	Volt (kV)	Polarity	CDN/ Clamp	Result/ Observations
AC power port	2	+	CDN	A
AC power port	2	-	CDN	A

A: No degradation in the performance of the EUT was observed.



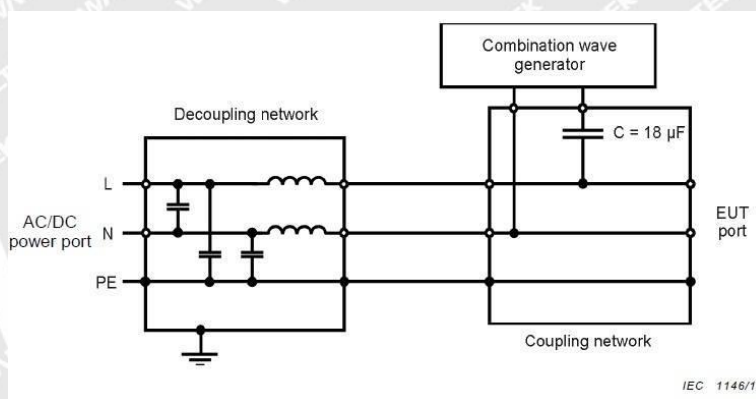
5.4 Surges (AC power port)

Test Requirement:	EN 60601-1-2, clause 8 Table 5
Test Method:	EN 61000-4-5, clauses 7 and 8
Procedure:	Interval: 60s between each surge No. of surges: 5 positive, 5 negative
Performance Criteria:	Immunity pass criteria

5.4.1 E.U.T. Operation

Environmental Conditions	
Temperature:	23.5 °C
Relative Humidity:	55 %
Atmospheric Pressure:	100.65 kPa
Test mode:	TM1,TM2

5.4.2 Basic Test Setup Block Diagram



5.4.3 Summary of Test Results

Port	Volt (kV)	Polarity	Phase(degree)	Result/ Observations
L-N	0,5, 1	+	0°	A
L-N	0,5, 1	-	0°	A
L-N	0,5, 1	-	90°	A
L-N	0,5, 1	+	90°	A
L-N	0,5, 1	-	180°	A
L-N	0,5, 1	+	180°	A
L-N	0,5, 1	+	270°	A
L-N	0,5, 1	-	270°	A

A: No degradation in the performance of the EUT was observed.

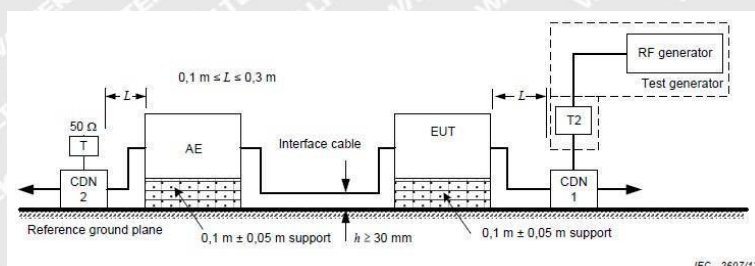
5.5 Conducted disturbances induced by RF fields (AC power port)

Test Requirement:	EN 60601-1-2, clause 8 Table 5
Test Method:	EN 61000-4-6, clauses 6 and 8
Procedure:	80% AM at 1kHz
Performance Criteria:	Immunity pass criteria

5.5.1 E.U.T. Operation

Environmental Conditions	
Temperature:	25 °C
Relative Humidity:	55.4 %
Atmospheric Pressure:	100.69 kPa
Test mode:	TM1,TM2

5.5.2 Basic Test Setup Block Diagram



5.5.3 Summary of Test Results

Port	Strength (Vrms)	Test frequency	CDN/Clamp	Dwell time	Result/ Observations
AC power port	3	0,15 MHz to 80 MHz	CDN	1s	A

A: No degradation in the performance of the EUT was observed.

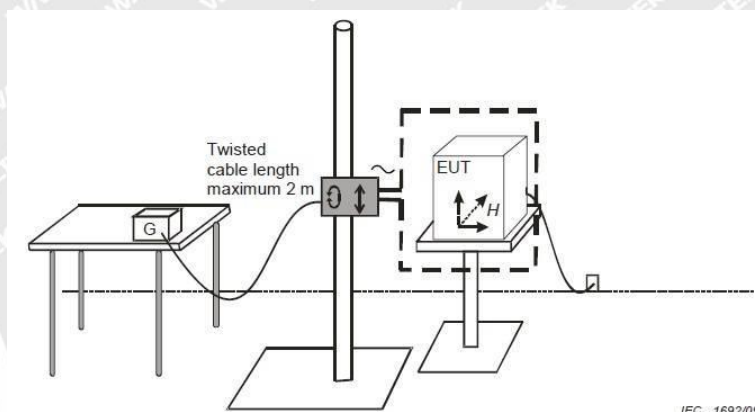
5.6 Rated power frequency magnetic fields

Test Requirement:	EN 60601-1-2, clause 8 Table 4
Test Method:	EN 61000-4-8, clause 8
Performance Criteria:	Immunity pass criteria

5.6.1 E.U.T. Operation

Environmental Conditions	
Temperature:	25 °C
Relative Humidity:	55.4 %
Atmospheric Pressure:	100.69 kPa
Test mode:	TM1,TM2

5.6.2 Basic Test Setup Block Diagram



5.6.3 Summary of Test Results

Frequency	Strength (A/m)	Axial	Magnetic Field Type	Result/ Observations
50Hz/ 60Hz	30	X	Continuous filed	A
50Hz/ 60Hz	30	Y	Continuous filed	A
50Hz/ 60Hz	30	Z	Continuous filed	A

A: No degradation in the performance of the EUT was observed.



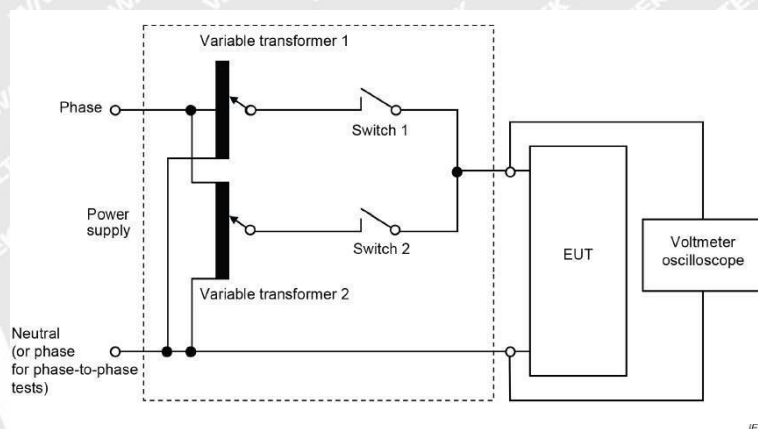
5.7 Voltage dips and interruptions

Test Requirement:	EN 60601-1-2, clause 8 Table 5
Test Method:	EN 61000-4-11, clause 8
Performance Criteria:	Immunity pass criteria

5.7.1 E.U.T. Operation

Environmental Conditions	
Temperature:	23.5 °C
Relative Humidity:	55 %
Atmospheric Pressure:	100.65 kPa
Test mode:	TM1,TM2

5.7.2 Basic Test Setup Block Diagram



5.7.3 Summary of Test Results

Level %UT	Phase (degree)	Duration	No. of Dips/ Interruptions	Result/ Observations
0	0°	0.5 Cycles	3	B
0	45°	0.5 Cycles	3	B
0	90°	0.5 Cycles	3	B
0	135°	0.5 Cycles	3	B
0	180°	0.5 Cycles	3	B
0	225°	0.5 Cycles	3	B
0	270°	0.5 Cycles	3	B
0	315°	0.5 Cycles	3	B
0	0°	1 Cycles	3	B
70	0°	25 Cycles at 50Hz	3	B
70	0°	30 Cycles at 60Hz	3	B
0	0°	250 Cycles at 50Hz	3	B
0	0°	300 Cycles at 60Hz	3	B



6. EXHIBIT 1 - PRODUCT LABELING

6.1 Proposed Label Format

ITE / Medical Power Supply	
Model: GTM930482LI1C2000	
Brand:  	 
Importer Name: XXX	
Importer Address: XXX	
GlobTek, Inc.	
186 Veterans Dr. Northvale, NJ 07647 USA	

Specifications: Text is Black in color and is justified. Labels are printed in indelible ink on permanent adhesive backing or silk-screened onto the EUT or shall be affixed at a conspicuous location on the EUT. The 'CE' marking must be affixed to the EUT or to its data plate. Where this is not possible or not warranted on account of the nature of the apparatus, it must be affixed to the packaging, if any, and to the accompanying documents. The 'CE' marking must have a height of at least 5 mm. If the 'CE' marking is reduced or enlarged the proportions given in the above graduated drawing must be respected. The Importer name, address and Manufacturer name and address should indicate on marking label or packaging or in a document accompanying.

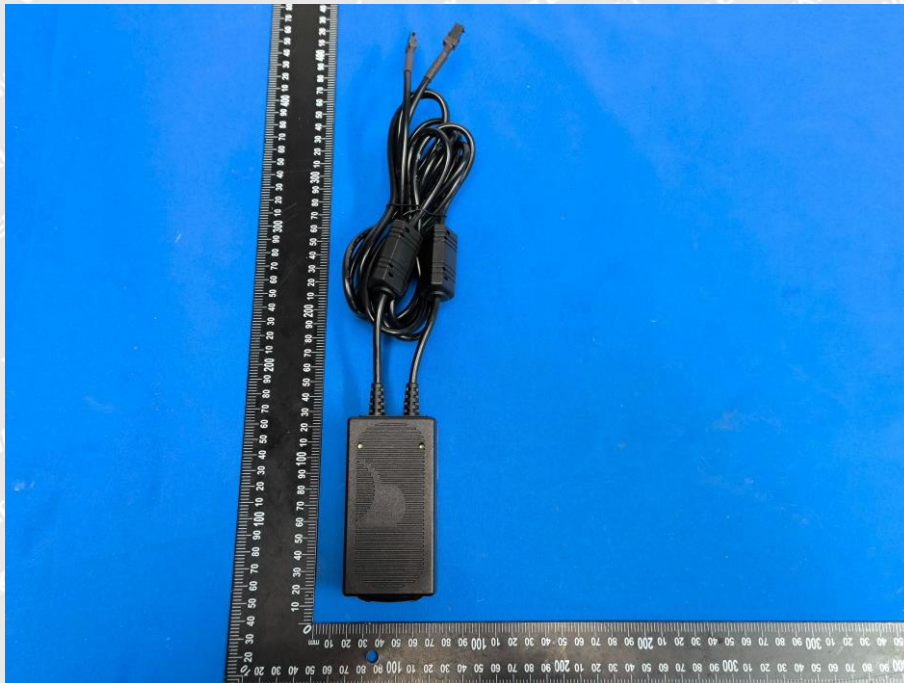
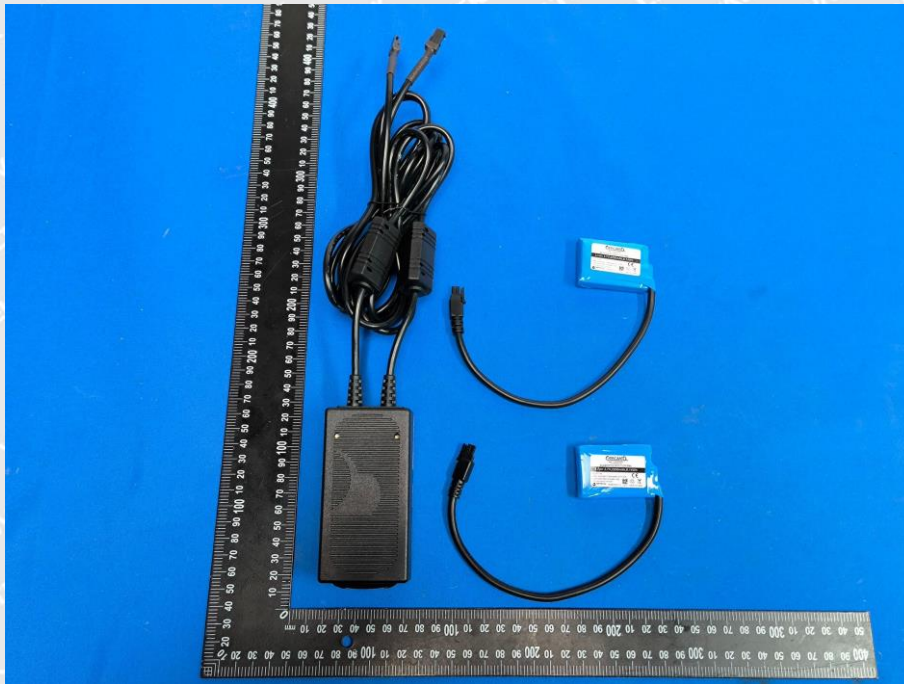
6.2 Proposed Label Location of EUT

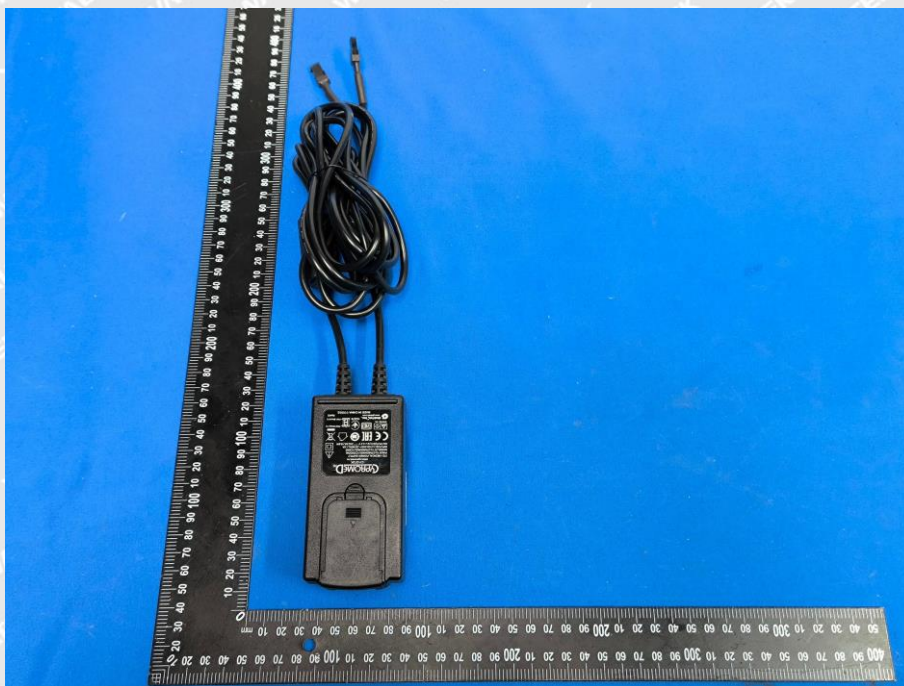
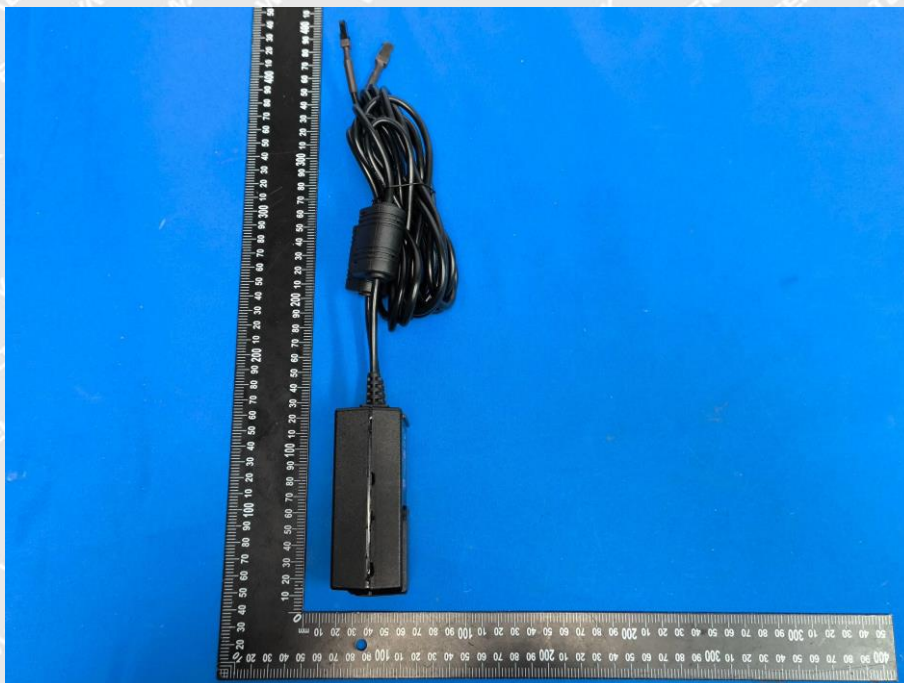




7. EXHIBIT 2 - EUT PHOTOGRAPHS

External

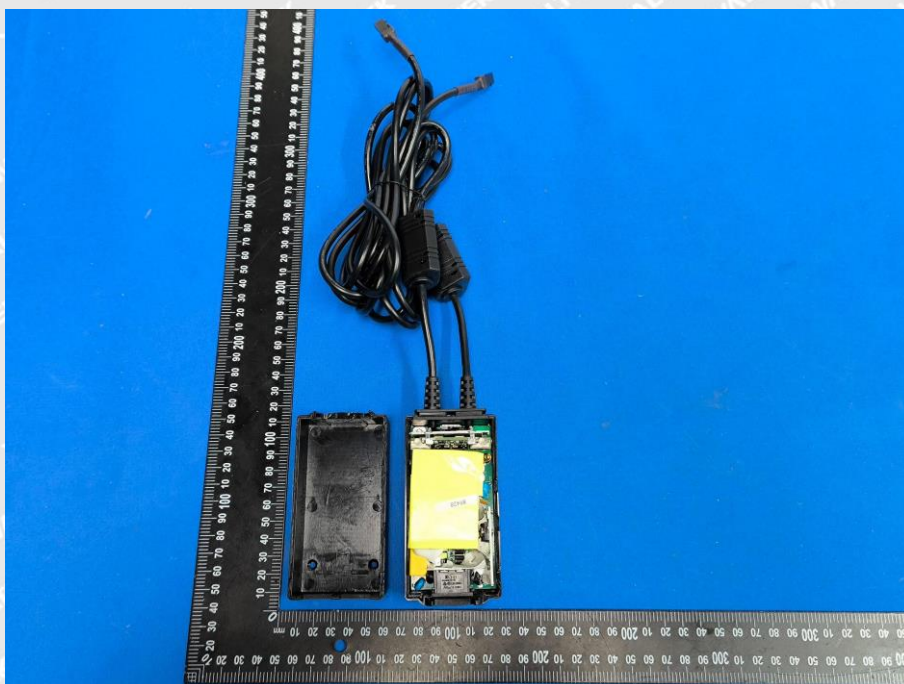


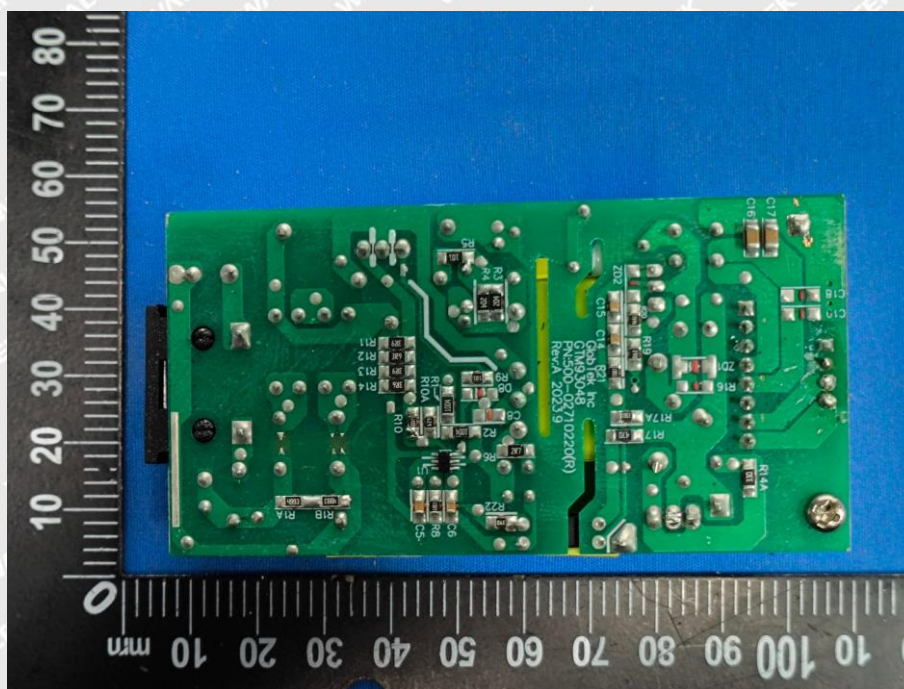
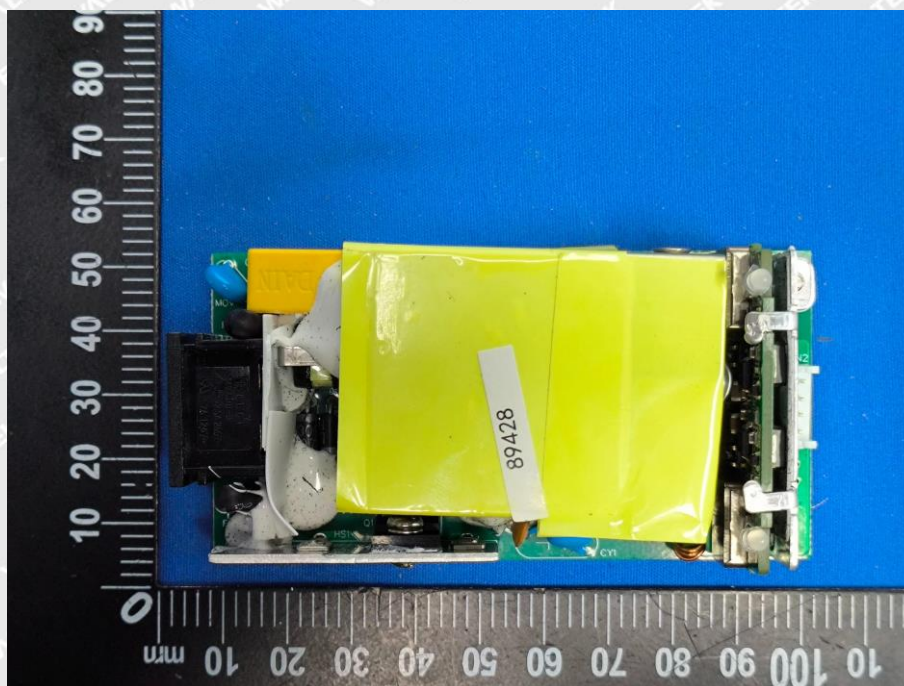






Internal

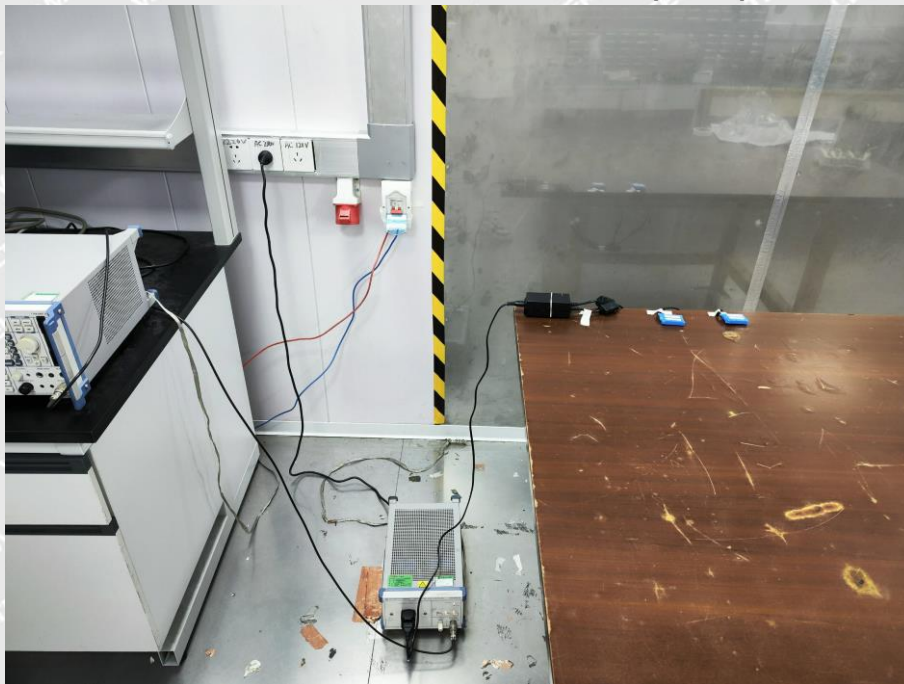




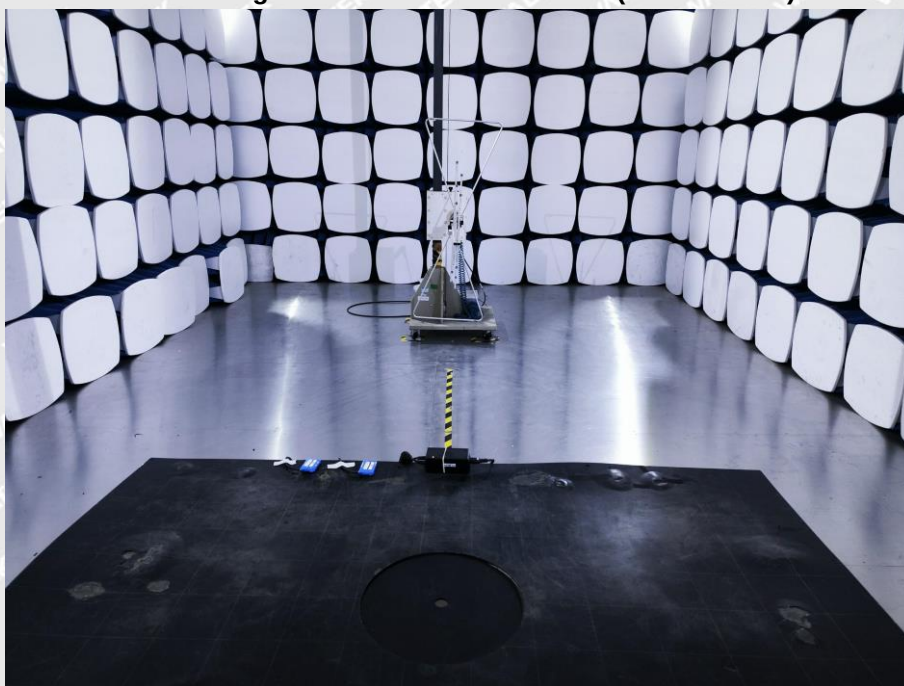


8. EXHIBIT 3 - TEST SETUP PHOTOGRAPHS

Conducted disturbances from a.c. mains power port



Electromagnetic radiation disturbance (30MHz-1GHz)





Voltage fluctuations and flicker

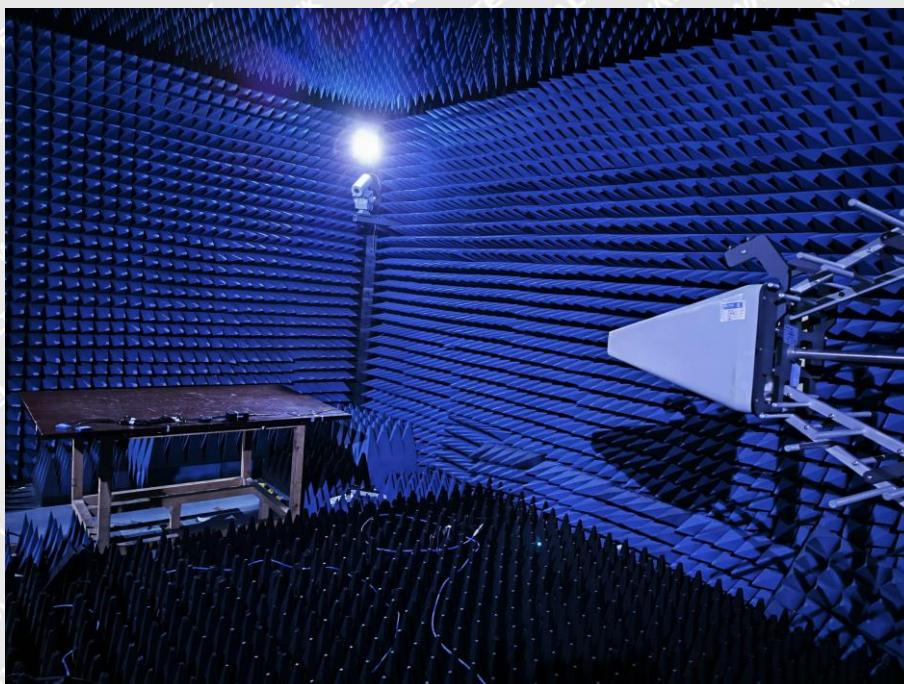


Electrostatic discharge





Radiated RF EM fields

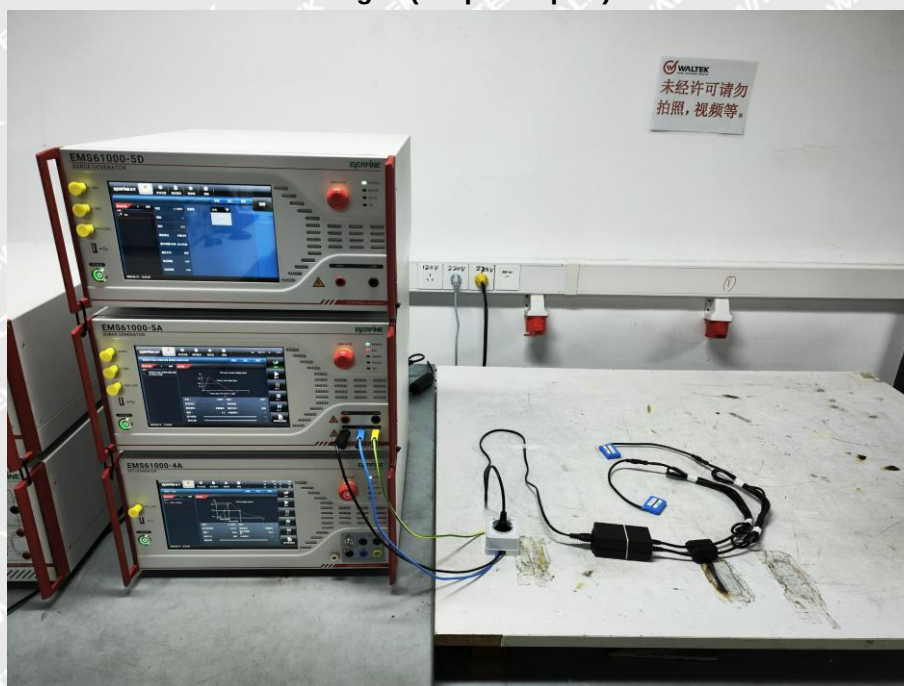


Electrical fast transients / bursts (AC power port)



Reference No.: WTX25X06144142E002

Surges (AC power port)

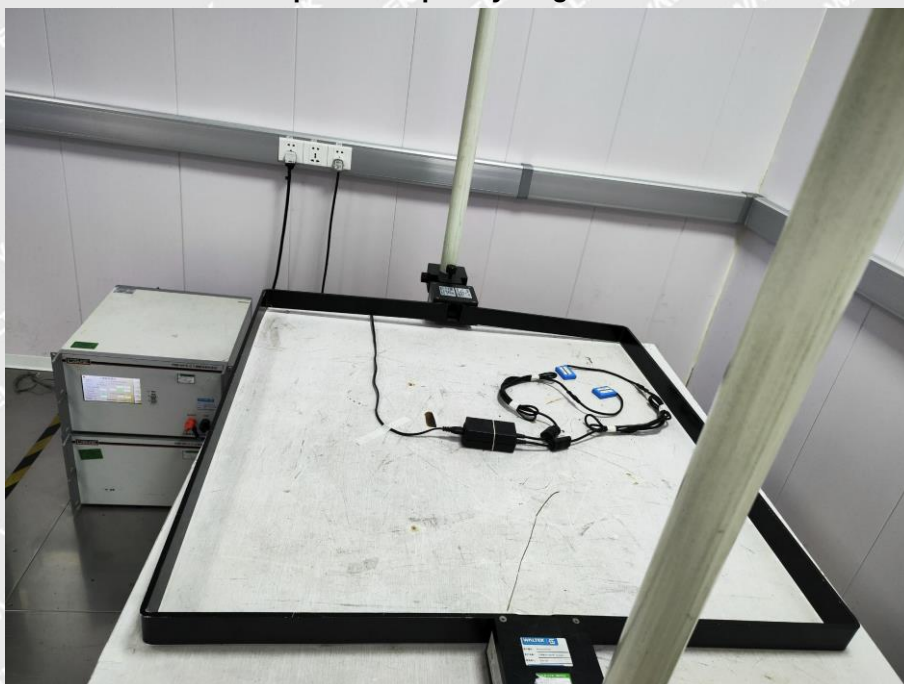


Conducted disturbances induced by RF fields (AC power port)





Rated power frequency magnetic fields



Voltage dips and interruptions



***** END OF REPORT *****