TEST REPORT

Reference No.	:	**WTX21X09095460E-2**
Applicant	:	**GlobTek (Suzhou) Co., Ltd**
Address	:	**Building 4, No. 76, Jin Ling East Rd., Suzhou Industrial Park, Suzhou,JiangSu 215021, China**
Product	:	**ICT/ITE/Medical Power Supply**
Test Model	:	**GT*96600-**** **
Standards	:	**EN 60601-1-2:2015**
Date of Receipt sample	:	**Jun. 01, 2021;Jul. 21, 2021**
Date of Test	:	**Jun. 01, 2021 to Jun. 10, 2021;Jul. 21, 2021 to Jul. 23, 2021**
Date of Issue	:	**Sept. 27, 2021**
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 compiler and approver.

Prepared By:

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

Tel.: +86-755-33663308

Fax.: +86-755-33663309

Tested by:	Reviewed By:	Approved & Authorized By:
Make Chen/Project Engineer	Evan Cai / EMC Manager	Silin Chen / Manager

TABLE OF CONTENTS

1. GENERAL INFORMATION 4
1.1 PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT) 4
1.2 TEST STANDARDS 6
1.3 TEST METHODOLOGY 6
1.4 EUT SETUP AND OPERATION MODE 7
1.5 PERFORMANCE CRITERIA FOR EMS 8
1.6 TEST EQUIPMENT LIST AND DETAILS 9
2. SUMMARY OF TEST RESULTS 10
3. CONDUCTED EMISSION 11
3.1 MEASUREMENT UNCERTAINTY 11
3.2 BASIC TEST SETUP BLOCK DIAGRAM 11
3.3 ENVIRONMENTAL CONDITIONS 12
3.4 SUMMARY OF TEST RESULTS 12
4. RADIATED EMISSION 23
4.1 MEASUREMENT UNCERTAINTY 23
4.2 BASIC TEST SETUP BLOCK DIAGRAM 23
4.3 CORRECTED AMPLITUDE & MARGIN CALCULATION 24
4.4 ENVIRONMENTAL CONDITIONS 24
4.5 SUMMARY OF TEST RESULTS 24
5. HARMONIC CURRENT EMISSIONS 35
5.1 TEST PROCEDURE 35
5.2 TEST STANDARDS 35
5.3 ENVIRONMENTAL CONDITIONS 35
5.4 BASIC TEST SETUP BLOCK DIAGRAM 35
5.4 HARMONIC CURRENT EMISSIONS TEST DATA 35
6. VOLTAGE FLUCTUATION FLICKER 36
6.1 TEST PROCEDURE 36
6.2 TEST STANDARDS 36
6.3 ENVIRONMENTAL CONDITIONS 36
6.4 BASIC TEST SETUP BLOCK DIAGRAM 36
6.5 VOLTAGE FLUCTUATION AND FLICKER TEST DATA 36
7. ELECTROSTATIC DISCHARGES (ESD) 41
7.1 TEST PROCEDURE 41
7.2 TEST PERFORMANCE 41
7.3 ENVIRONMENTAL CONDITIONS 41
7.4 BASIC TEST SETUP BLOCK DIAGRAM 41
7.5 ELECTROSTATIC DISCHARGE IMMUNITY TEST DATA 42
8. CONTINUOUS RF ELECTROMAGNETIC FIELD DISTURBANCES (RS) 44
8.1 TEST PROCEDURE 44
8.2 TEST PERFORMANCE 44
8.4 BASIC TEST SETUP BLOCK DIAGRAM 44
8.5 CONTINUOUS RADIATED DISTURBANCES TEST DATA 45
9. ELECTRICAL FAST TRANSIENTS (EFT) 46
9.1 TEST PROCEDURE 46
9.2 TEST PERFORMANCE 46
9.4 BASIC TEST SETUP BLOCK DIAGRAM 46
9.5 ELECTRICAL FAST TRANSIENTS TEST DATA 47
10. SURGES 48
10.1 TEST PROCEDURE 48
10.2 TEST PERFORMANCE 48
10.4 BASIC TEST SETUP BLOCK DIAGRAM 48

10.5 SURGE TEST DATA 49
11. CONTINUOUS INDUCED RF DISTURBANCES (C/S) 50
11.1 TEST PROCEDURE 50
11.2 TEST PERFORMANCE 50
11.3 ENVIRONMENTAL CONDITIONS 50
11.4 BASIC TEST SETUP BLOCK DIAGRAM 50
11.5 CONTINUOUS CONDUCTED DISTURBANCES TEST DATA 51
12. POWER-FREQUENCY MAGNETIC FIELDS (PFMF) 52
12.1 TEST PROCEDURE 52
12.2 TEST PERFORMANCE 52
12.3 ENVIRONMENTAL CONDITIONS 52
12.4 BASIC TEST SETUP BLOCK DIAGRAM 52
12.5 POWER-FREQUENCY MAGNETIC FIELD TEST DATA 53
13. VOLTAGE DIPS AND INTERRUPTIONS 54
13.1 TEST PROCEDURE 54
13.2 TEST PERFORMANCE 54
13.3 ENVIRONMENTAL CONDITIONS 54
13.4 BASIC TEST SETUP BLOCK DIAGRAM 54
13.5 VOLTAGE DIPS AND INTERRUPTIONS TEST DATA 55
EXHIBIT 1 - PRODUCT LABELING 56
PROPOSED CE LABEL FORMAT 56
PROPOSED LABEL LOCATION ON EUT 56
EXHIBIT 2 - EUT PHOTOGRAPHS 57
EXHIBIT 3 - TEST SETUP PHOTOGRAPHS 75

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

Client Information

Applicant:	GlobTek (Suzhou) Co., Ltd
Address of applicant:	Building 4, No. 76, Jin Ling East Rd., Suzhou Industrial Park, Suzhou,JiangSu 215021, China
Manufacturer:	1. GlobTek, Inc. 2. GlobTek (Suzhou) Co., Ltd
Address of manufacturer:	1.186 Veterans Dr. Northvale, NJ 07647 USA 2.Building 4, No. 76, Jin Ling East Rd., Suzhou Industrial Park, Suzhou,JiangSu 215021, China

General Description of EUT	
Product Name:	ICT/ITE/Medical Power Supply
Trade Name:	GlobTek, Inc.
Model No.:	GT*96600-****
Adding Model(s):	/

Note: The test data is gathered from a production sample, provided by the manufacturer.
the test data is cited the early report, Report Numbers is WTX21X03023204E-2

*GT*96600-****
The 1st "*" part can be 'M' or '-' or 'H' for market identification and not related to safety.
The 2nd "*" denotes the rated output wattage designation, which can be "01" to "65", with interval of 1.
The 3rd "*" denote the standard rated output voltage designation, which can be "05" to "54" or "5.0" to "54.0" in 0.1V increments.
The 4th "*" =-T2 means desktop class II with C8 AC inlet
=-T2A means desktop class II with C18 AC inlet
=-T3 means desktop class I or class II with functional earth with C14 AC inlet
=-T3A means desktop class I or class II with functional earth with C6 AC inlet
=-T2L means desktop class II with C8 AC inlet and housing with a DC jack
=-T2AL means desktop class II with C18 AC inlet and housing with a DC jack
=-T3L means desktop class I or class II with functional earth with C14 AC inlet and housing with a DC jack
=-T3AL means desktop class I or class II with functional earth with C6 AC inlet and housing with a DC jack
=-R2 means hybrid desktop housing class II with C8 AC inlet
=-R3A means hybrid desktop housing class I or class II with functional earth with C6 AC inlet
=-F means Open Frame class I or class II with functional earth

=-FW means Open Frame class II
=-P2 means Encapsulated class II
=-P3 means Encapsulated class I or class II with functional earth
=-TP means desktop class II with power supply cord with plug
=-TP3 means desktop class I or class II with functional earth with power supply cord with plug
=-TW means desktop class II with input wire without plug
=-TW3 means desktop class I or class II with functional earth with input wire without plug
The last "" denote any six character = 0-9 or A-Z or ()[] or – or blank for marketing purposes.*

Technical Characteristics of EUT	
Rated Voltage:	AC 100-240V 50-60Hz or 50/60Hz
Rated Current:	1.5A
Rated Power:	/
Power Adaptor Model:	/
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 Medical electrical equipment – Part 1-2: General requirements for basic safety and essential performance – Collateral standard: Electromagnetic compatibility – 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 Methodology

All measurements contained in this report were conducted with the standards IEC 60601-1-2 for Medical electrical equipment – Part 1-2: General requirements for basic safety and essential performance – Collateral standard:Electromagnetic compatibility – Requirements and tests.

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:

Test Mode List			
Test Mode	Description	Remark	Power Supply Mode
TM1	GTM96600-3005-R3A-CF（EUT 5V/6A）	Connection load	AC 230V 50Hz input
TM2	GTM96600-6512-R3A-CF（EUT 12V/5.41A）	Connection load	AC 230V 50Hz input
TM3	GTM96600-6054-R3A-CF（EUT 54V/1.11A）	Connection load	AC 230V 50Hz input
TM4	GTM96600-6030-R3A-CF (EUT 30V/2.0A)	Connection load	AC 230V/50Hz input
TM5	GTM96600-6030-R3A-CF (EUT 30V/2.0A)	Connection load	AC 110V/60Hz input

EUT Cable List and Details				
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite	With / Without Core
Cable	1.2	Unshielded	Without	Without
DC Cable	5.93	Shielded	Without	Without

Special Cable List and Details				
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite	With / Without Core
AC Cable	1.2	Unshielded	Without	Without

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number
Multimeter	Fluke	/	/

1.5 Performance Criteria for EMS

All the test data has been collected, reduced, and analyzed within this report in accordance with Immunity requires the following as specific performance criteria:

A. The apparatus shall continue to operate as intended during and after the test. The manufacturer specifies some minimum performance level. The performance level may be specified by the manufacturer as a permissible loss of performance.
B. The apparatus shall continue to operate as intended after the test. This indicates that the EUT does not need to function at normal performance levels during the test, but must recover. Again some minimal performance is defined by the manufacturer. No change in operating state or loss of data is permitted.
C. Temporary loss of function is allowed. Operation of the EUT may stop as long as it is either automatically reset or can be manually restored by operation of the controls.

1.6 Test Equipment List and Details

Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
Spectrum Analyzer	Rohde & Schwarz	FSP	836079/035	2021-03-30	2022-03-29
EMI Test Receiver	Rohde & Schwarz	ESVB	825471/005	2021-04-12	2022-04-11
Amplifier	Agilent	8447F	3113A06717	2021-04-12	2022-04-11
Amplifier	C&D	PAP-1G18	2002	2021-04-12	2022-04-11
Trilog Broadband Antenna	Schwarz beck	VULB9163	9163-333	2021-03-20	2023-03-19
Horn Antenna	ETS	3117	00086197	2021-03-19	2023-03-18
Loop Antenna	Schwarz beck	FMZB 1516	9773	2021-03-20	2023-03-19
EMI Test Receiver	Rohde & Schwarz	ESPI	101391	2021-05-06	2022-05-05
Trilog Broadband Antenna	Schwarz beck	VULB9163(B)	9163-635	2021-04-09	2023-04-08
Amplifier	Agilent	8447D	2944A10179	2021-04-12	2022-04-11
EMI Test Receiver	Rohde & Schwarz	ESPI	101611	2021-04-12	2022-04-11
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100911	2021-04-15	2022-04-14
AC LISN	Schwarz beck	NSLK8126	8126-224	2021-04-12	2022-04-11
8-WIRE LISN	Schwarz beck	8158	CAT3-8158-0059	2021-04-12	2022-04-11
8-WIRE LISN	Schwarz beck	8158	CAT5-8158-0117	2021-04-12	2022-04-11
PMF Generator	LIONCEL	PMF-801C-C	0171101	2021-04-12	2022-04-11
PMF Antenna	LIONCEL	PMF-801C-A	0180302	2021-04-12	2022-04-11
Instantaneous PMF Generator Module	LIONCEL	PMF-801C-T	0171001	2021-04-12	2022-04-11
Digital Power Analyzer	California Instrument	CTS	72831	2021-04-12	2022-04-11
Power Source	California Instrument	5001IX-CTS-400	25965	2021-04-12	2022-04-11
ESD Generator	LIONCEL	ESD-203B	0170901	2021-04-16	2022-04-15
Transient 2000	EMC PARTNER	TRA2000	863	2021-04-12	2022-04-11
Couple Clamp	EMC PARTNER	CN-EFT1000	513	2021-04-12	2022-04-11
CONDUCTED IMMUNITY TEST SYSTEM	FRANKONIA	CIT-10/75	126B1247/2013	2021-01-08	2022-01-07
Attenuator	EMTEST	MA-5100/6BF2	1009	2021-03-30	2022-03-29
CDN	Luthi	L-801M2/M3	2665	2021-04-12	2022-04-11
Signal Generator	HP	8688B	3438A00604	2021-03-30	2022-03-29
Power Meter	KEITHLEY	3500	1162591	2021-03-27	2022-03-26
Power Meter	KEITHLEY	3500	1121428	2021-03-27	2022-03-26
RF Power Amplifier	MicoTop	MPA-80-1000-250	MPA1906239	2021-03-27	2022-03-26
RF Power Amplifier	MicoTop	MPA-80-1000-100	MPA1906238	2021-03-27	2022-03-26
Antenna	SCHWARZBECK	STLP 9129	9129 114	N/A	N/A

2. SUMMARY OF TEST RESULTS

Standards	Description of Test Item	Result
EN 60601-1-2	Conducted Disturbance	Compliant
	Radiated Disturbance	Compliant
	Harmonic Current Emission IEC 61000-3-2	Compliant
	Voltage Fluctuation and Flicker IEC 61000-3-3	Compliant
	Electrostatic Discharge Immunity in accordance with IEC 61000-4-2	Compliant
	Continuous Radiated Disturbances Immunity in accordance with IEC 61000-4-3	Compliant
	Electrical Fast Transient/Burst Immunity in accordance With IEC 61000-4-4	Compliant
	Surges Immunity in accordance with IEC 61000-4-5	Compliant
	Continuous Conducted Disturbances Immunity in accordance with IEC 61000-4-6	Compliant
	Power-frequency Magnetic Fields Immunity in accordance with IEC 61000-4-8	Compliant
	Voltage Dips/Interruptions Immunity in accordance with IEC 61000-4-11	Compliant

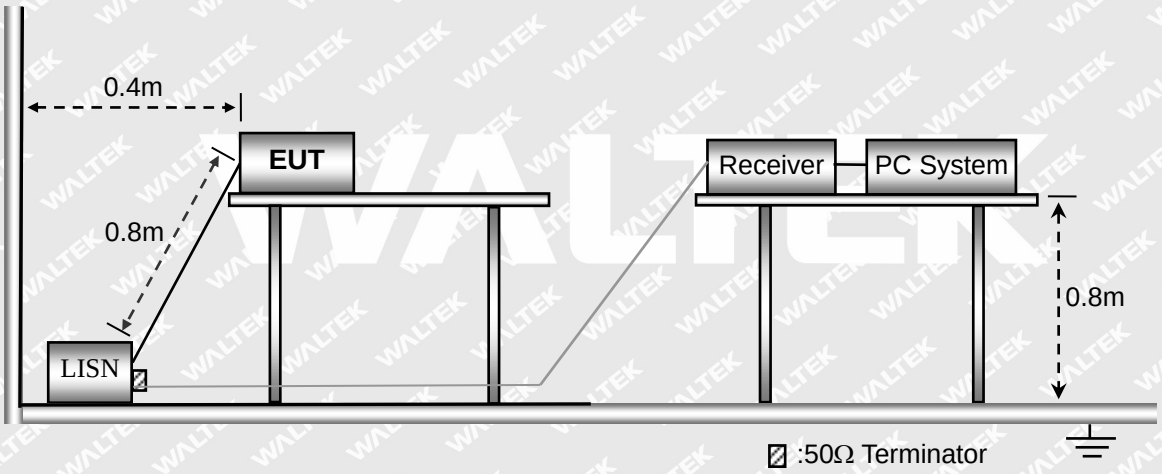
3. Conducted Emission

3.1 Measurement Uncertainty

Base on NIS 81, The Treatment of Uncertainty in EMC Measurements, the best estimate of the uncertainty of any conducted emissions measurement:

Measurement uncertainty		
Parameter	Conditions	Uncertainty
Conducted Emissions	Conducted	9-150kHz ±3.74dB
		0.15-30MHz ±3.34dB

3.2 Basic Test Setup Block Diagram



3.3 Environmental Conditions

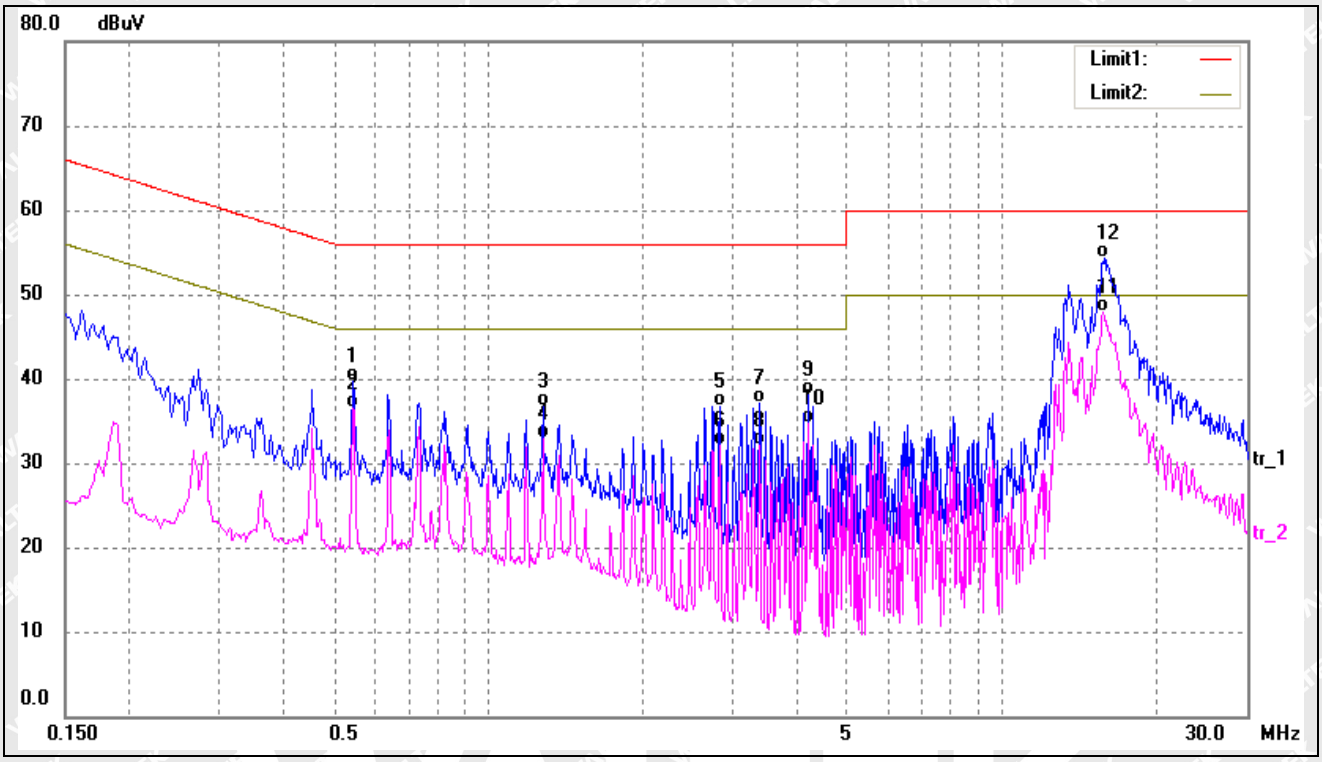
Temperature:	23.5 ° C
Relative Humidity:	54 %
ATM Pressure:	1011 mbar

3.4 Summary of Test Results

Look at the graphs and data below：

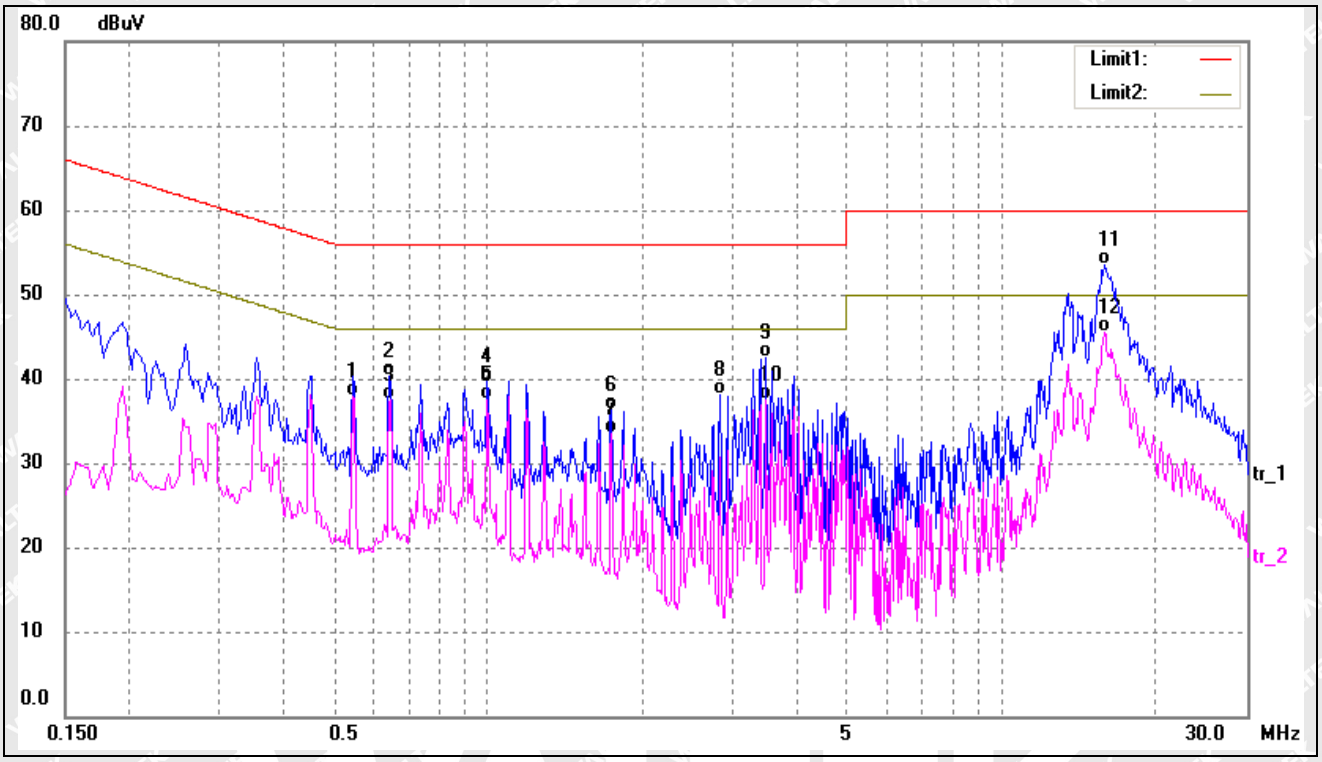
GTM96600-3005-R3A-CF

Test mode:	TM1	Polarity:	Line



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.5460	29.51	10.21	39.72	56.00	-16.28	QP
2	0.5460	26.29	10.21	36.50	46.00	-9.50	AVG
3	1.2820	26.57	10.22	36.79	56.00	-19.21	QP
4	1.2820	22.66	10.22	32.88	46.00	-13.12	AVG
5	2.8300	26.52	10.28	36.80	56.00	-19.20	QP
6	2.8300	21.78	10.28	32.06	46.00	-13.94	AVG
7	3.3740	26.80	10.26	37.06	56.00	-18.94	QP
8	3.3740	21.79	10.26	32.05	46.00	-13.95	AVG
9	4.1979	27.79	10.24	38.03	56.00	-17.97	QP
10	4.2020	24.48	10.24	34.72	46.00	-11.28	AVG
11*	15.7900	37.32	10.58	47.90	50.00	-2.10	AVG
12	15.8780	43.65	10.58	54.23	60.00	-5.77	QP

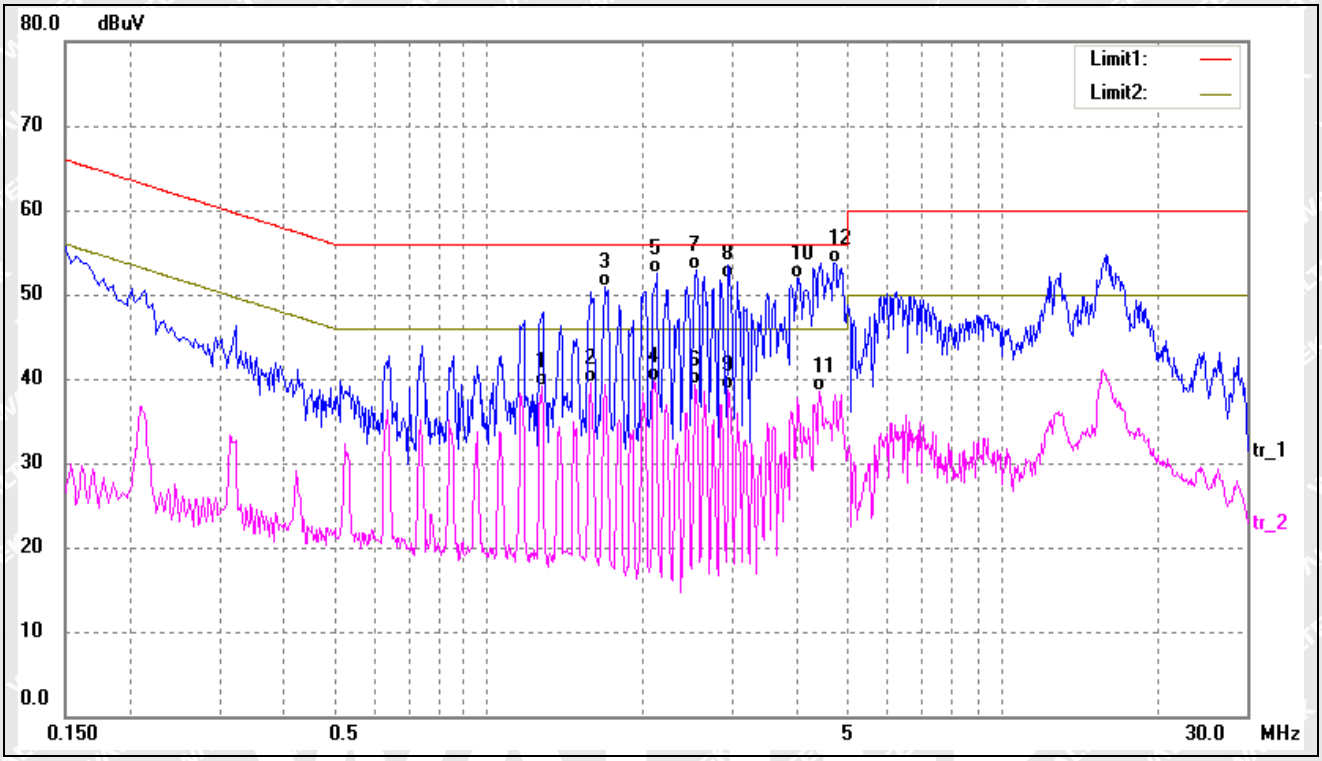
Test mode:	TM1	Polarity:	Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.5460	27.72	10.21	37.93	46.00	-8.07	AVG
2	0.6419	30.03	10.19	40.22	56.00	-15.78	QP
3	0.6460	27.33	10.19	37.52	46.00	-8.48	AVG
4	0.9980	29.56	10.20	39.76	56.00	-16.24	QP
5	0.9980	27.35	10.20	37.55	46.00	-8.45	AVG
6	1.7380	26.07	10.26	36.33	56.00	-19.67	QP
7	1.7380	23.33	10.26	33.59	46.00	-12.41	AVG
8	2.8300	27.90	10.28	38.18	56.00	-17.82	QP
9	3.4740	32.25	10.25	42.50	56.00	-13.50	QP
10	3.4740	27.21	10.25	37.46	46.00	-8.54	AVG
11	15.8140	42.90	10.58	53.48	60.00	-6.52	QP
12*	15.8140	34.90	10.58	45.48	50.00	-4.52	AVG

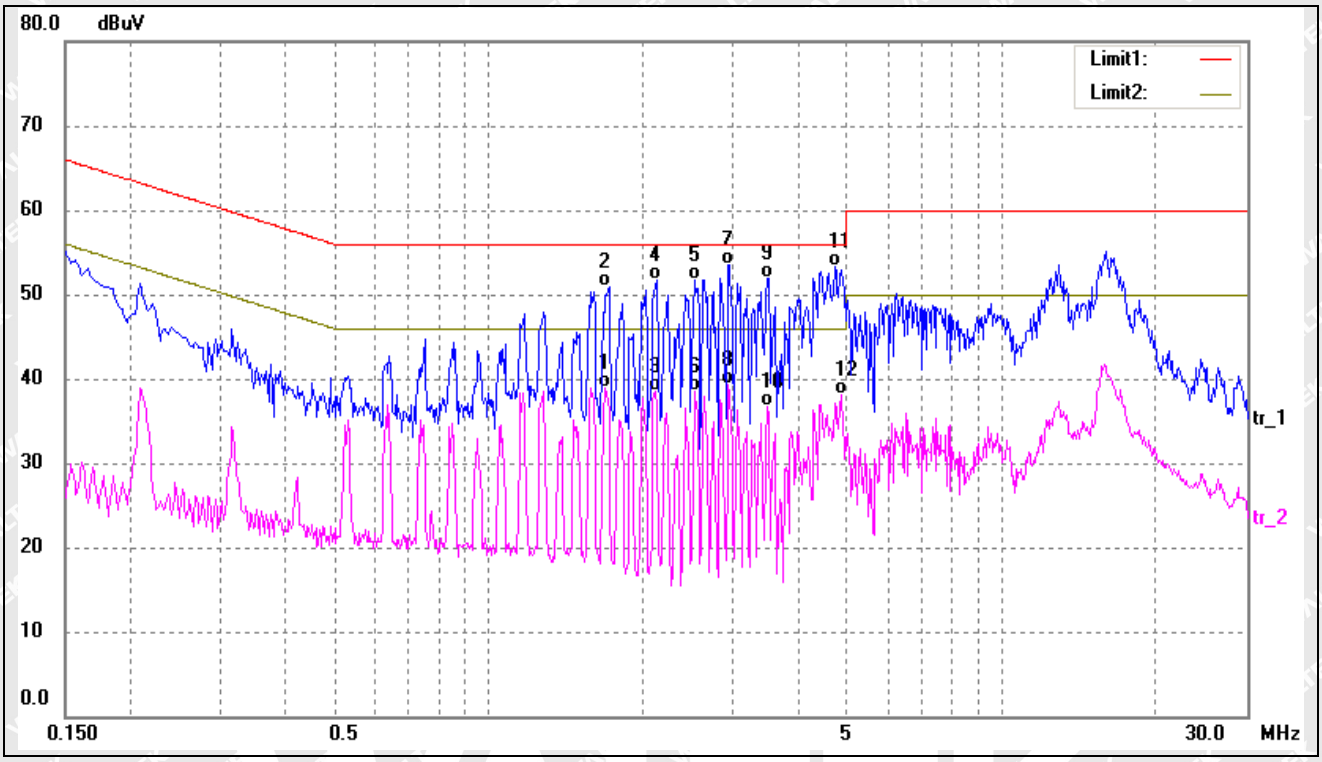
GTM96600-6512-R3A-CF

Test mode:	TM2	Polarity:	Line



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	1.2700	28.88	10.21	39.09	46.00	-6.91	AVG
2	1.5820	29.26	10.24	39.50	46.00	-6.50	AVG
3	1.6980	40.61	10.26	50.87	56.00	-5.13	QP
4	2.1099	29.41	10.29	39.70	46.00	-6.30	AVG
5	2.1340	42.15	10.29	52.44	56.00	-3.56	QP
6	2.5380	29.06	10.29	39.35	46.00	-6.65	AVG
7	2.5460	42.53	10.29	52.82	56.00	-3.18	QP
8	2.9460	41.73	10.27	52.00	56.00	-4.00	QP
9	2.9460	28.41	10.27	38.68	46.00	-7.32	AVG
10	3.9980	41.65	10.24	51.89	56.00	-4.11	QP
11	4.4260	28.24	10.23	38.47	46.00	-7.53	AVG
12*	4.7420	43.52	10.22	53.74	56.00	-2.26	QP

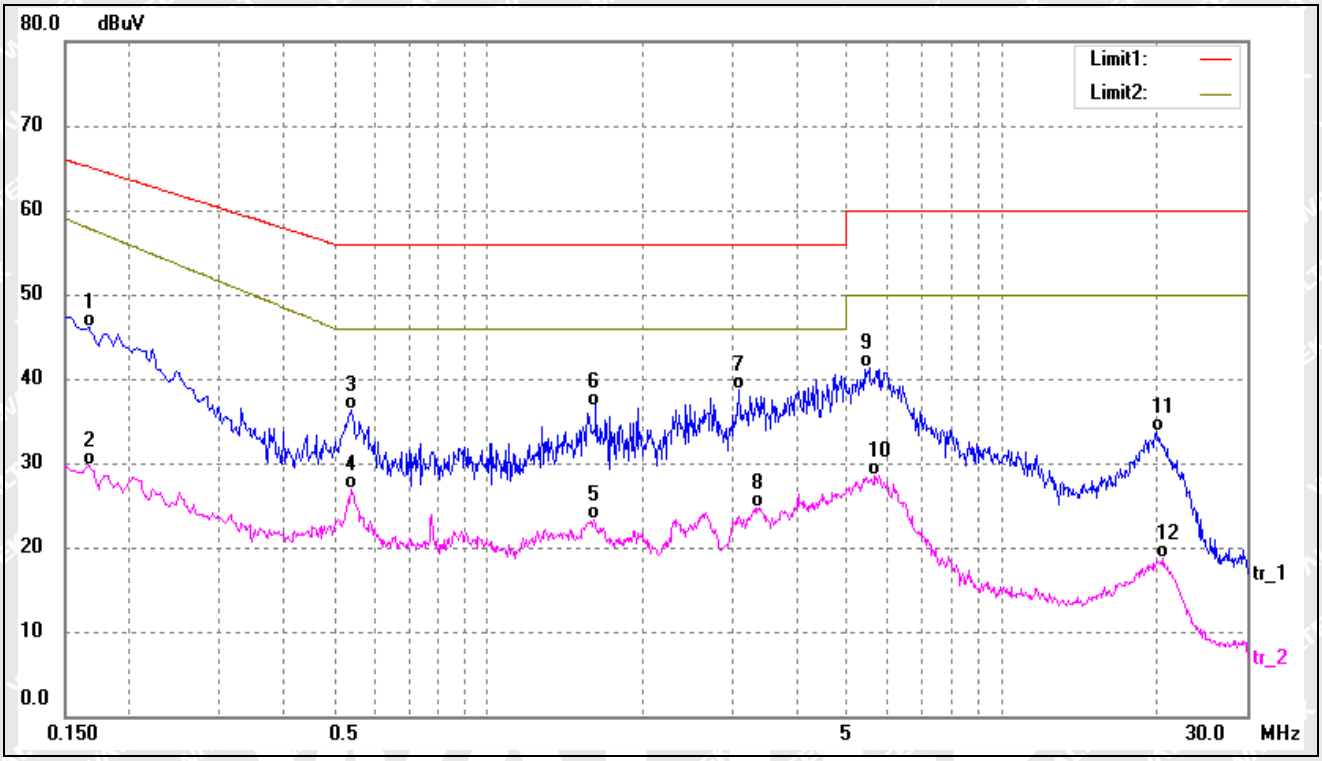
Test mode:	TM2	Polarity:	Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	1.6980	28.61	10.26	38.87	46.00	-7.13	AVG
2	1.7180	40.60	10.26	50.86	56.00	-5.14	QP
3	2.1180	28.29	10.29	38.58	46.00	-7.42	AVG
4	2.1340	41.32	10.29	51.61	56.00	-4.39	QP
5	2.5260	41.47	10.29	51.76	56.00	-4.24	QP
6	2.5260	28.20	10.29	38.49	46.00	-7.51	AVG
7*	2.9460	43.24	10.27	53.51	56.00	-2.49	QP
8	2.9460	28.94	10.27	39.21	46.00	-6.79	AVG
9	3.5020	41.63	10.25	51.88	56.00	-4.12	QP
10	3.5020	26.40	10.25	36.65	46.00	-9.35	AVG
11	4.7459	43.08	10.22	53.30	56.00	-2.70	QP
12	4.8699	27.81	10.23	38.04	46.00	-7.96	AVG

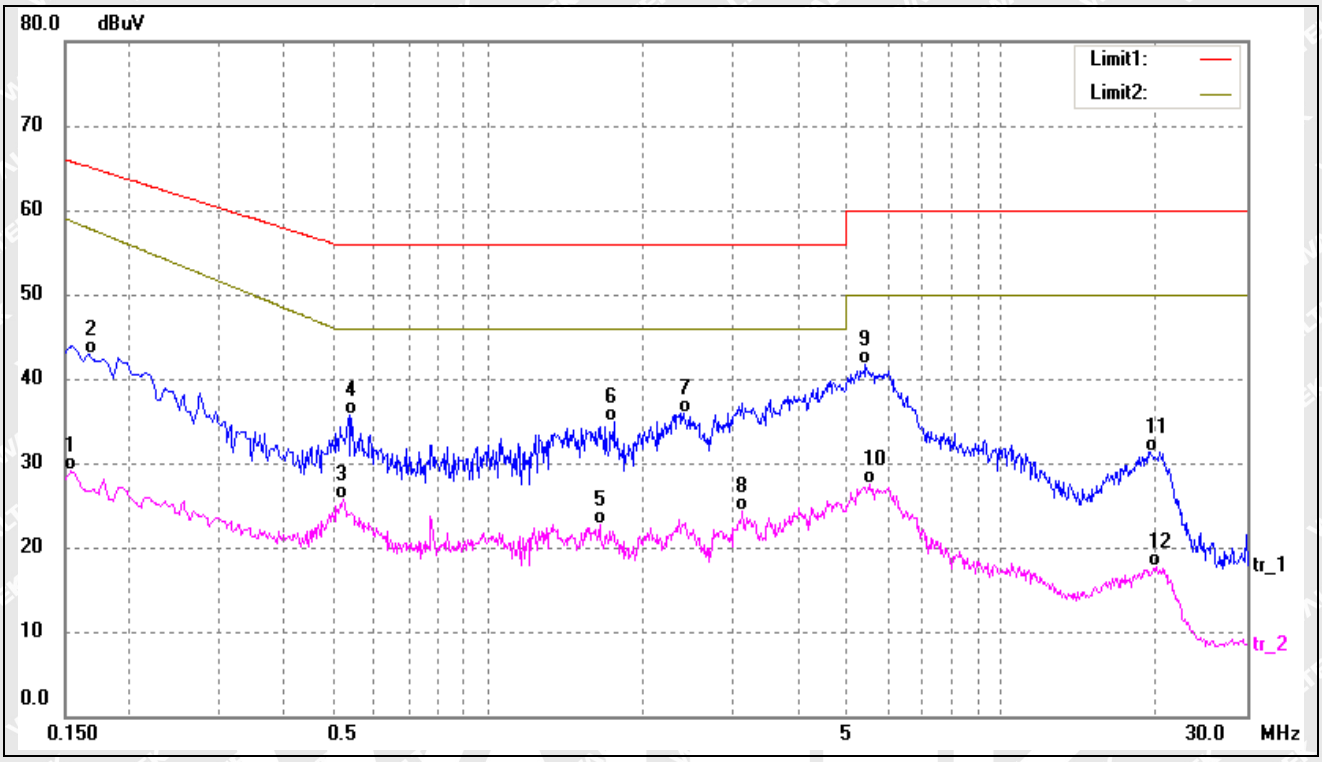
GTM96600-6054-R3A-CF

Test mode:	TM3	Polarity:	Line



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1660	35.79	10.26	46.05	65.15	-19.10	QP
2	0.1660	19.38	10.26	29.64	57.90	-28.26	AVG
3	0.5420	26.06	10.21	36.27	56.00	-19.73	QP
4	0.5420	16.65	10.21	26.86	46.00	-19.14	AVG
5	1.6060	12.97	10.24	23.21	46.00	-22.79	AVG
6	1.6260	26.55	10.25	36.80	56.00	-19.20	QP
7*	3.0820	28.48	10.26	38.74	56.00	-17.26	QP
8	3.3660	14.53	10.26	24.79	46.00	-21.21	AVG
9	5.5260	31.01	10.23	41.24	60.00	-18.76	QP
10	5.6740	18.29	10.23	28.52	50.00	-21.48	AVG
11	20.0500	23.11	10.59	33.70	60.00	-26.30	QP
12	20.6140	8.03	10.59	18.62	50.00	-31.38	AVG

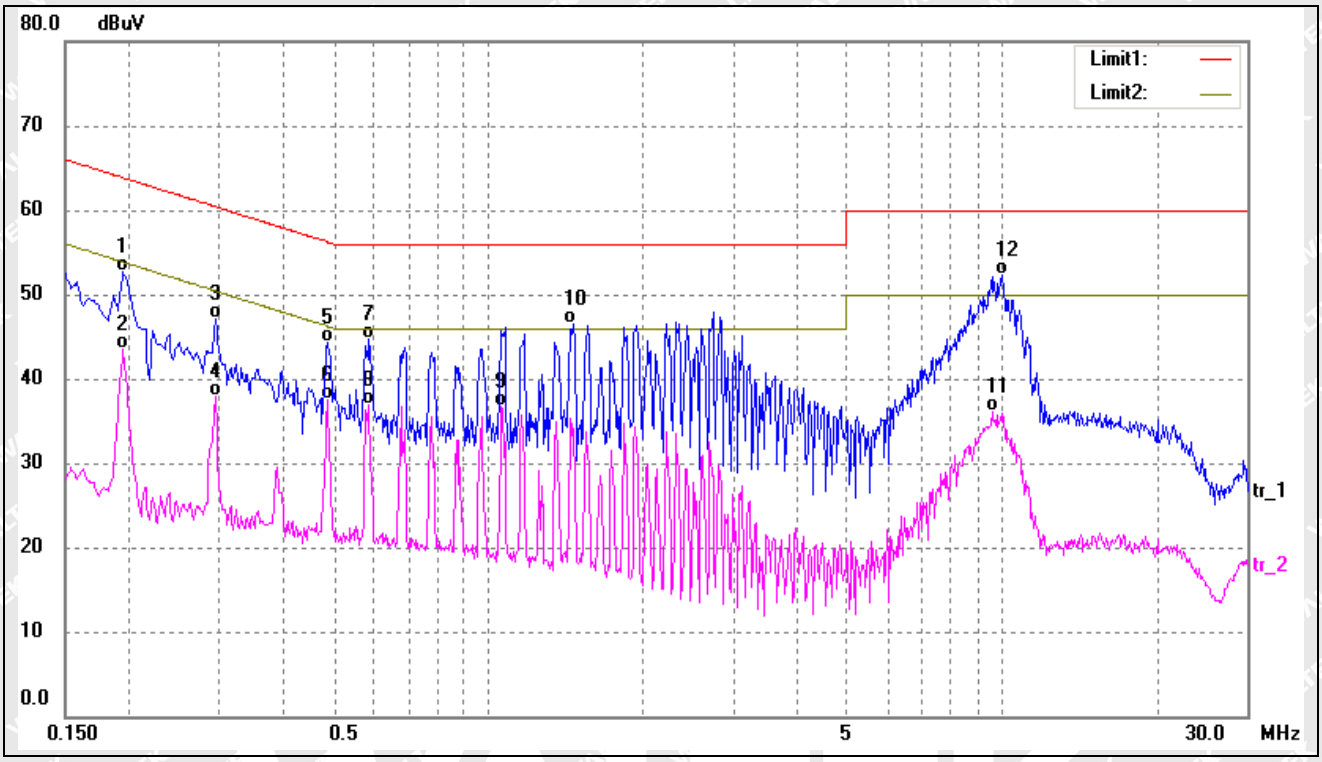
Test mode:	TM3	Polarity:	Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1539	18.91	10.25	29.16	58.72	-29.56	AVG
2	0.1660	32.62	10.26	42.88	65.15	-22.27	QP
3	0.5220	15.42	10.22	25.64	46.00	-20.36	AVG
4	0.5340	25.56	10.21	35.77	56.00	-20.23	QP
5	1.6460	12.48	10.25	22.73	46.00	-23.27	AVG
6	1.7580	24.62	10.26	34.88	56.00	-21.12	QP
7	2.4020	25.67	10.29	35.96	56.00	-20.04	QP
8	3.1300	14.10	10.26	24.36	46.00	-21.64	AVG
9*	5.4220	31.43	10.23	41.66	60.00	-18.34	QP
10	5.5380	17.35	10.23	27.58	50.00	-22.42	AVG
11	19.4500	20.70	10.59	31.29	60.00	-28.71	QP
12	20.0060	7.02	10.59	17.61	50.00	-32.39	AVG

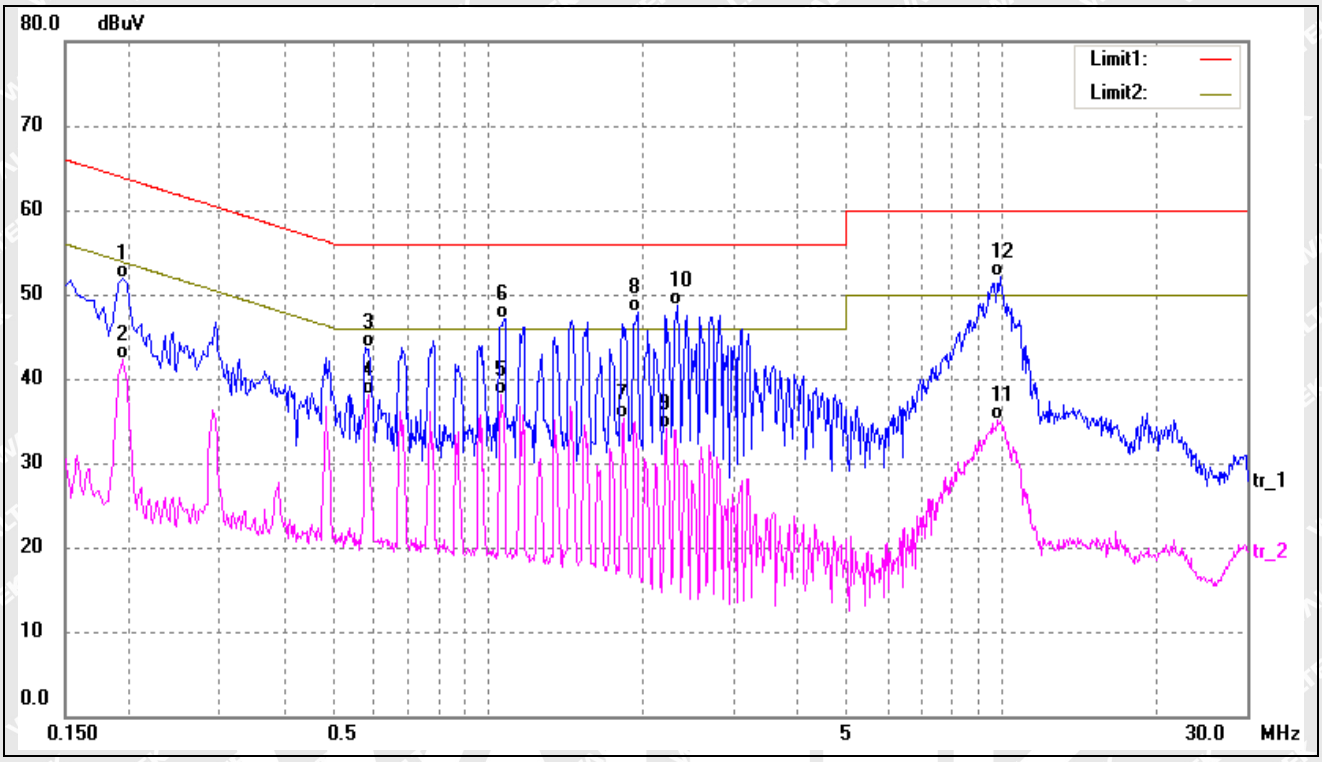
GTM96600-6030-R3A-CF

Test mode:	TM4	Polarity:	Line



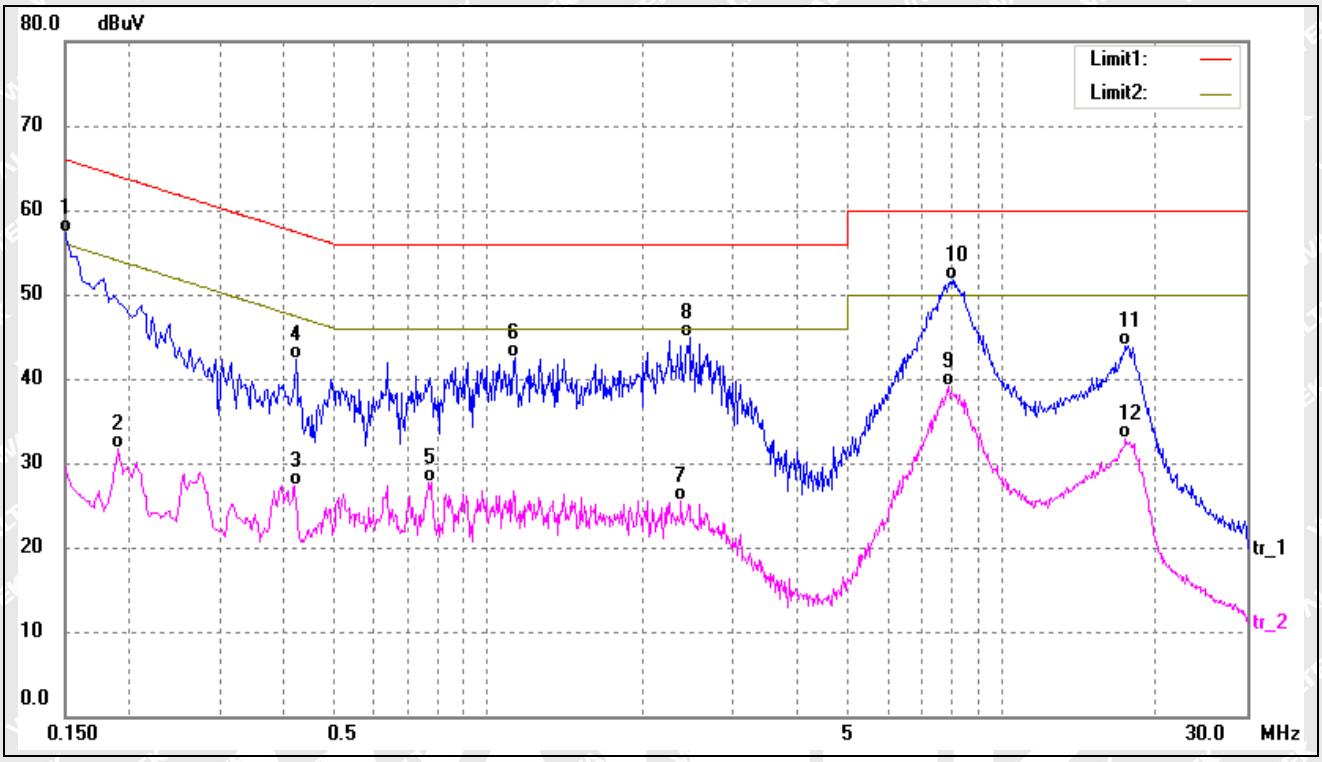
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1940	42.53	10.27	52.80	63.86	-11.06	QP
2	0.1940	33.30	10.27	43.57	53.86	-10.29	AVG
3	0.2940	36.80	10.24	47.04	60.41	-13.37	QP
4	0.2940	27.60	10.24	37.84	50.41	-12.57	AVG
5	0.4860	34.16	10.22	44.38	56.24	-11.86	QP
6	0.4860	27.25	10.22	37.47	46.24	-8.77	AVG
7	0.5860	34.51	10.21	44.72	56.00	-11.28	QP
8	0.5860	26.78	10.21	36.99	46.00	-9.01	AVG
9	1.0620	26.53	10.21	36.74	46.00	-9.26	AVG
10	1.4660	36.23	10.23	46.46	56.00	-9.54	QP
11	9.5860	25.87	10.28	36.15	50.00	-13.85	AVG
12*	9.9900	41.94	10.28	52.22	60.00	-7.78	QP

Test mode:	TM4	Polarity:	Neutral



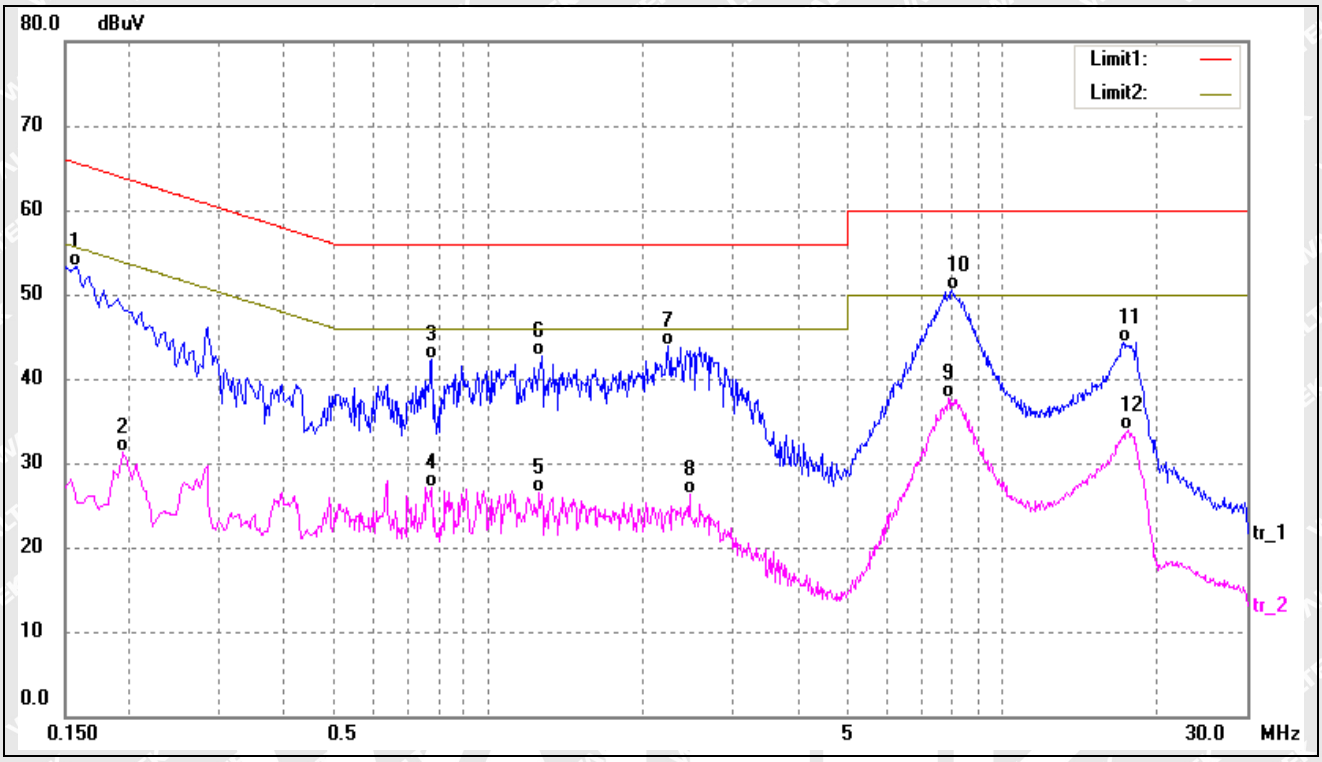
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1940	41.62	10.27	51.89	63.86	-11.97	QP
2	0.1940	32.03	10.27	42.30	53.86	-11.56	AVG
3	0.5780	33.56	10.21	43.77	56.00	-12.23	QP
4	0.5820	27.83	10.21	38.04	46.00	-7.96	AVG
5	1.0580	27.82	10.21	38.03	46.00	-7.97	AVG
6	1.0740	36.94	10.21	47.15	56.00	-8.85	QP
7	1.8300	25.05	10.27	35.32	46.00	-10.68	AVG
8	1.9500	37.58	10.28	47.86	56.00	-8.14	QP
9	2.2139	23.77	10.29	34.06	46.00	-11.94	AVG
10*	2.3340	38.50	10.29	48.79	56.00	-7.21	QP
11	9.8100	24.74	10.28	35.02	50.00	-14.98	AVG
12	9.9180	41.91	10.28	52.19	60.00	-7.81	QP

Test mode:	TM5	Polarity:	Line



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1500	46.99	10.25	57.24	65.99	-8.75	QP
2	0.1900	21.44	10.26	31.70	54.03	-22.33	AVG
3	0.4180	17.07	10.23	27.30	47.49	-20.19	AVG
4	0.4220	31.98	10.23	42.21	57.41	-15.20	QP
5	0.7780	17.61	10.18	27.79	46.00	-18.21	AVG
6	1.1260	32.34	10.21	42.55	56.00	-13.45	QP
7	2.3780	15.26	10.29	25.55	46.00	-20.45	AVG
8	2.4660	34.68	10.29	44.97	56.00	-11.03	QP
9	7.8860	28.83	10.27	39.10	50.00	-10.90	AVG
10*	8.0380	41.40	10.27	51.67	60.00	-8.33	QP
11	17.3900	33.34	10.59	43.93	60.00	-16.07	QP
12	17.3900	22.23	10.59	32.82	50.00	-17.18	AVG

Test mode:	TM5	Polarity:	Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1580	43.14	10.25	53.39	65.56	-12.17	QP
2	0.1940	21.10	10.27	31.37	53.86	-22.49	AVG
3	0.7780	32.06	10.18	42.24	56.00	-13.76	QP
4	0.7780	16.99	10.18	27.17	46.00	-18.83	AVG
5	1.2579	16.24	10.21	26.45	46.00	-19.55	AVG
6	1.2700	32.47	10.21	42.68	56.00	-13.32	QP
7	2.2420	33.70	10.29	43.99	56.00	-12.01	QP
8	2.4660	16.01	10.29	26.30	46.00	-19.70	AVG
9	7.8780	27.36	10.27	37.63	50.00	-12.37	AVG
10*	8.0180	40.20	10.27	50.47	60.00	-9.53	QP
11	17.2420	33.76	10.59	44.35	60.00	-15.65	QP
12	17.5740	23.25	10.58	33.83	50.00	-16.17	AVG

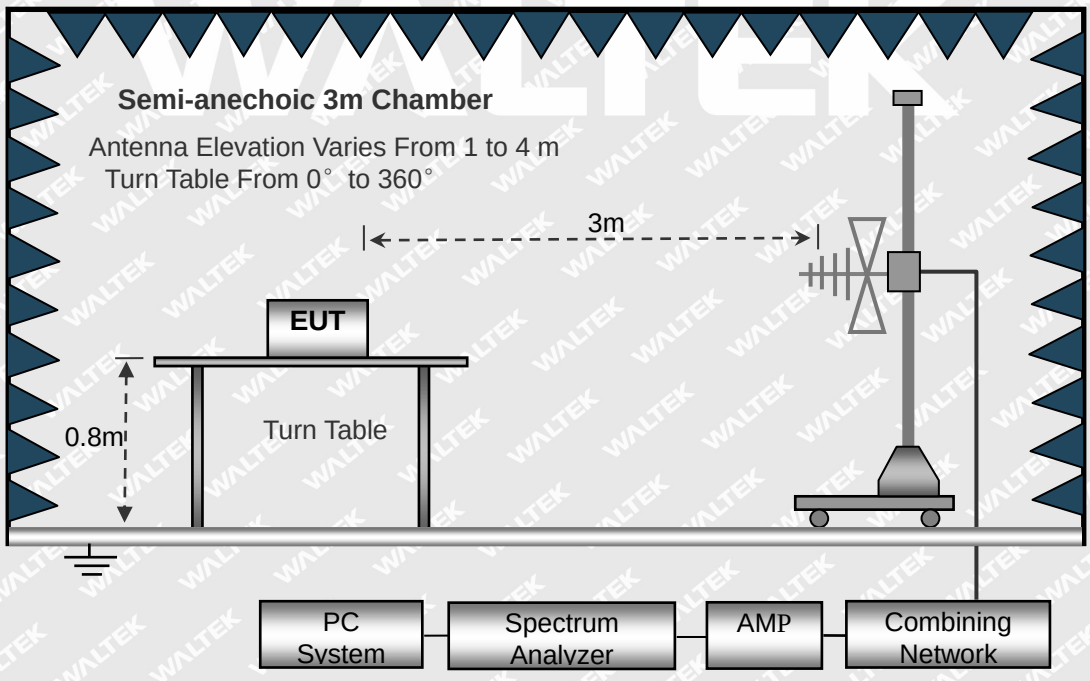
4. Radiated Emission

4.1 Measurement Uncertainty

Base on NIS 81, The Treatment of Uncertainty in EMC Measurements, the best estimate of the uncertainty of any radiation emissions measurement:

Measurement uncertainty		
Parameter	Conditions	Uncertainty
Radiated Emissions	Radiated	30-200MHz ±4.52dB
		0.2-1GHz ±5.56dB
		1-6GHz ±3.84dB
		6-18GHz ±3.92dB

4.2 Basic Test Setup Block Diagram



4.3 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and the Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

Corr. Ampl. = Indicated Reading + Correct

Correct=Ant.Factor + Cable Loss - Ampl.Gain

The "**Margin**" column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -6dBμV means the emission is 6dBμV below the maximum limit for Class B device. The equation for margin calculation is as follows:

Margin = Corr. Ampl. – CISPR 11 Class B Limit

4.4 Environmental Conditions

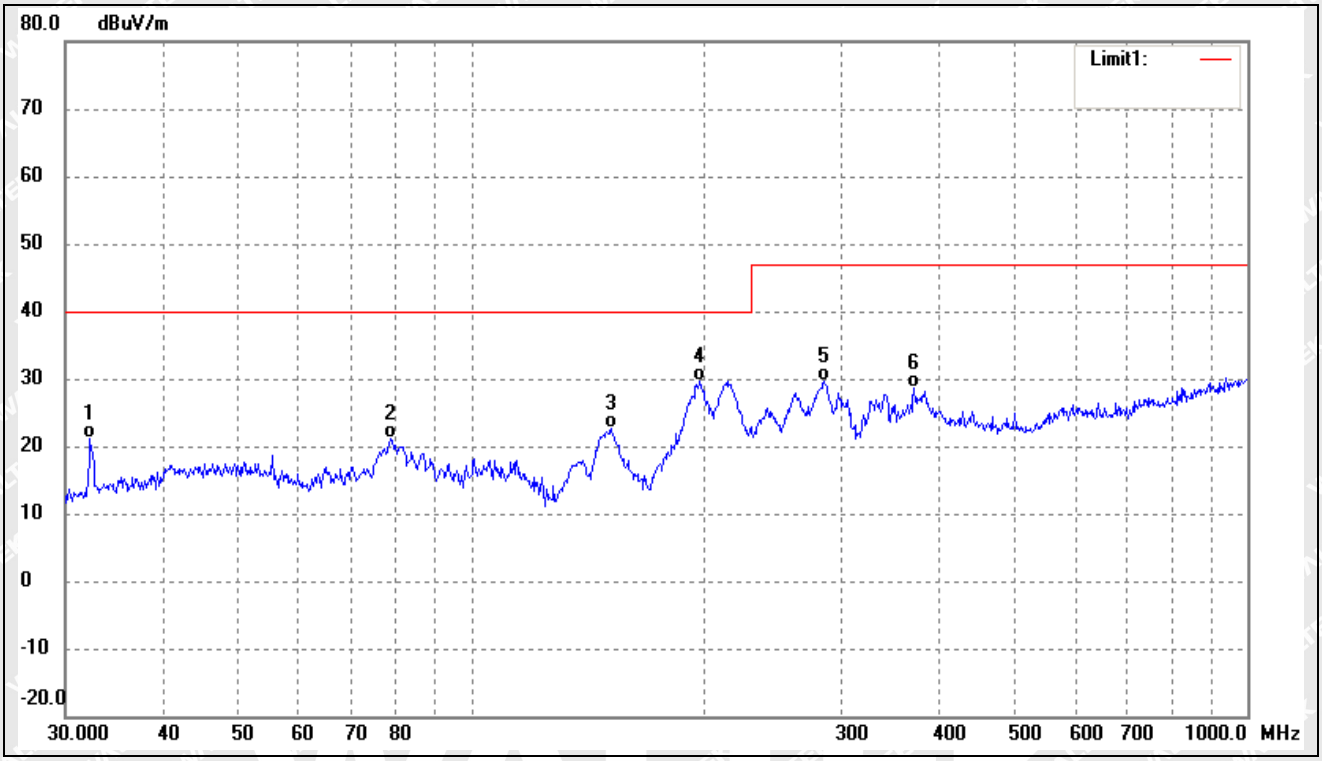
Temperature:	23.5° C
Relative Humidity:	54 %
ATM Pressure:	1011 mbar

4.5 Summary of Test Results

Look at the graphs and data below:

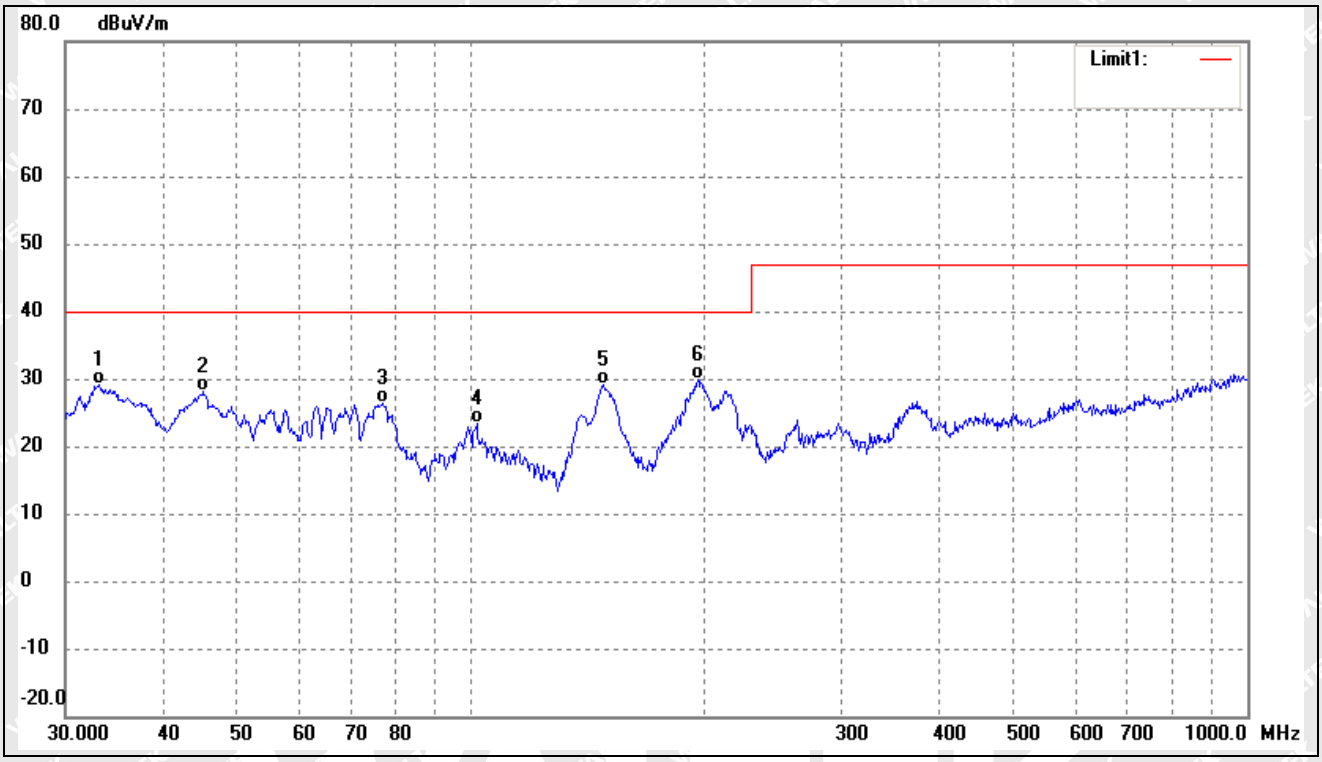
GTM96600-3005-R3A-CF

Test mode:	TM1	Polarity:	Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	32.2925	34.34	-13.30	21.04	40.00	-18.96	251	100	QP
2	78.6888	35.25	-14.11	21.14	40.00	-18.86	123	100	QP
3	151.5972	37.32	-14.77	22.55	40.00	-17.45	21	100	QP
4	197.2001	41.06	-11.52	29.54	40.00	-10.46	195	100	QP
5	284.9767	37.79	-8.12	29.67	47.00	-17.33	252	100	QP
6	372.0045	34.26	-5.74	28.52	47.00	-18.48	101	100	QP

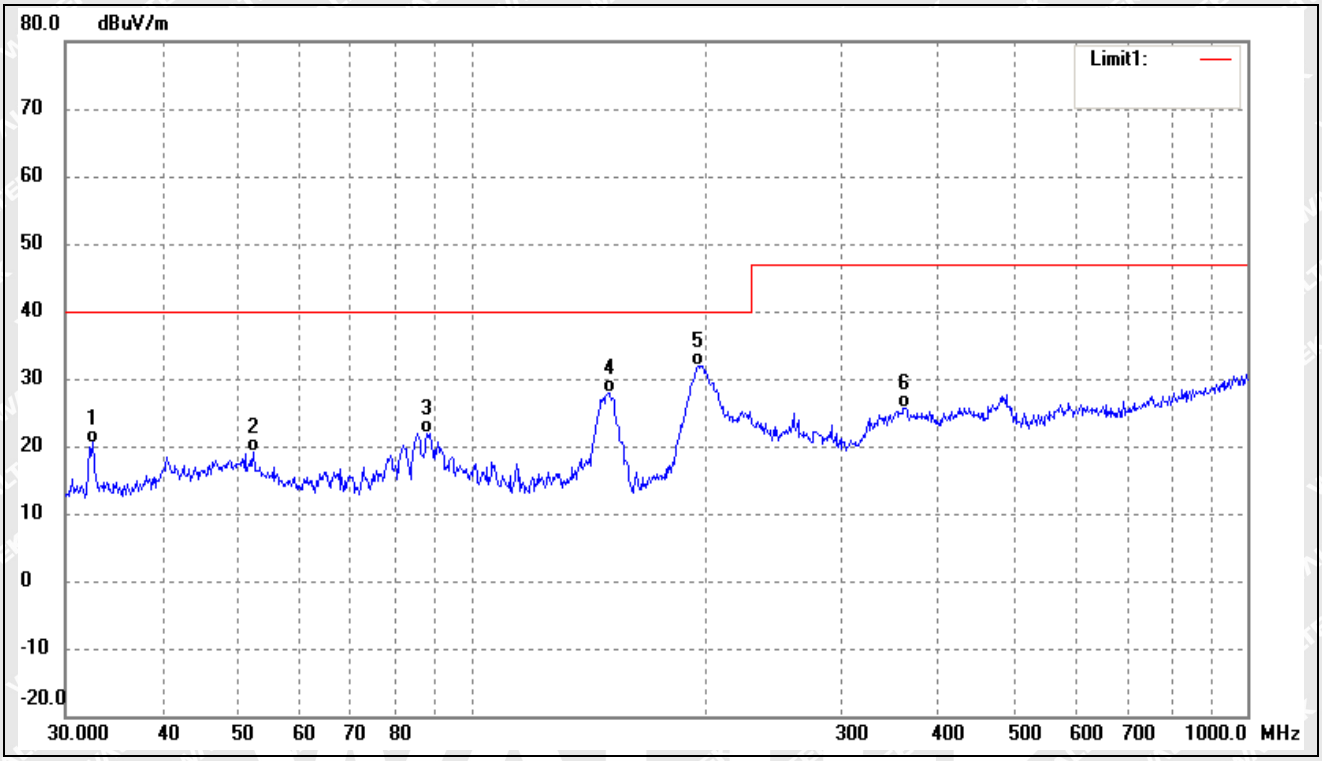
Test mode:	TM1	Polarity:	Vertical



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	33.2112	42.11	-13.07	29.04	40.00	-10.96	32	100	QP
2	45.2166	38.63	-10.55	28.08	40.00	-11.92	123	100	QP
3	76.7808	40.42	-14.01	26.41	40.00	-13.59	263	100	QP
4	101.6443	35.82	-12.34	23.48	40.00	-16.52	355	100	QP
5	147.9214	43.85	-14.77	29.08	40.00	-10.92	104	100	QP
6	195.8220	41.44	-11.62	29.82	40.00	-10.18	66	100	QP

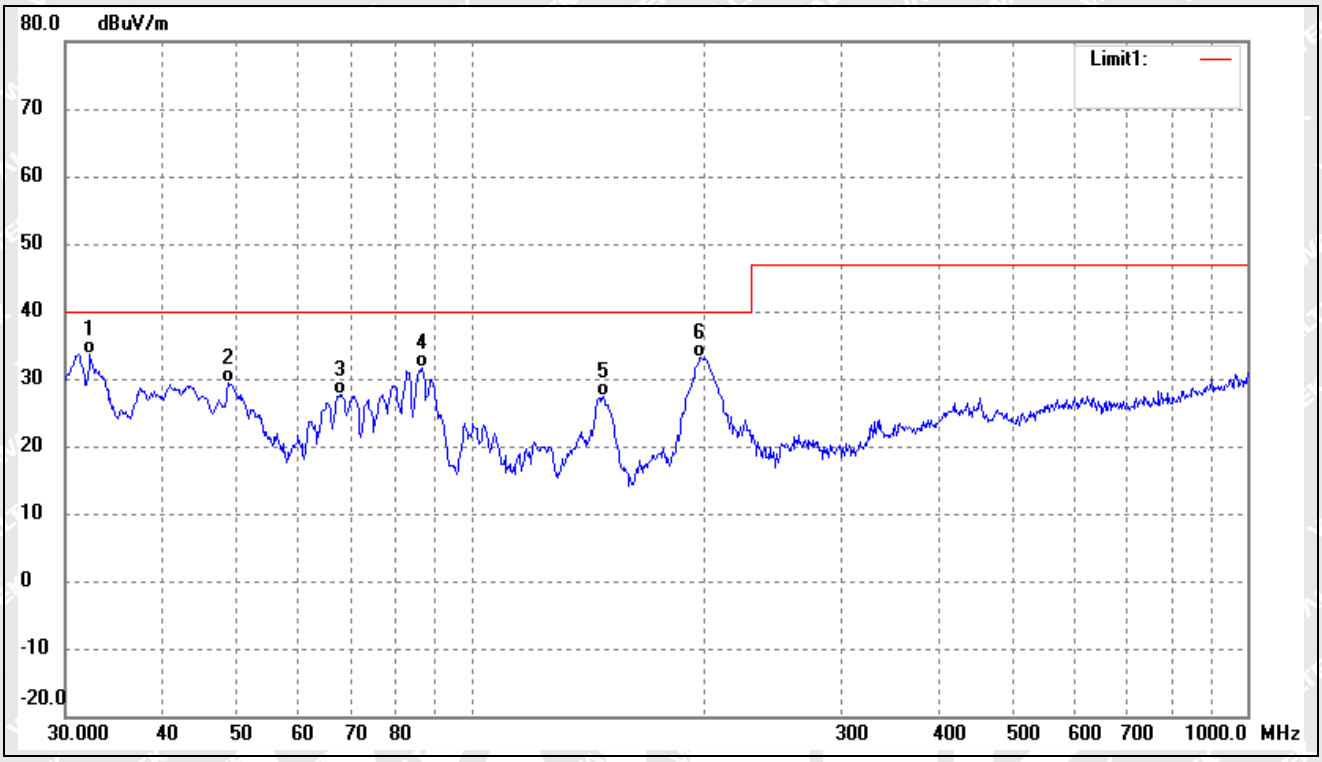
GTM96600-6512-R3A-CF

Test mode:	TM2	Polarity:	Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Remark
1	32.5198	33.75	-13.25	20.50	40.00	-19.50	312	100	QP
2	52.3912	29.88	-10.70	19.18	40.00	-20.82	25	100	QP
3	87.7248	36.39	-14.48	21.91	40.00	-18.09	105	100	QP
4	150.5378	42.67	-14.82	27.85	40.00	-12.15	196	100	QP
5	195.8220	43.55	-11.62	31.93	40.00	-8.07	241	100	QP
6	361.7139	31.66	-5.92	25.74	47.00	-21.26	152	100	QP

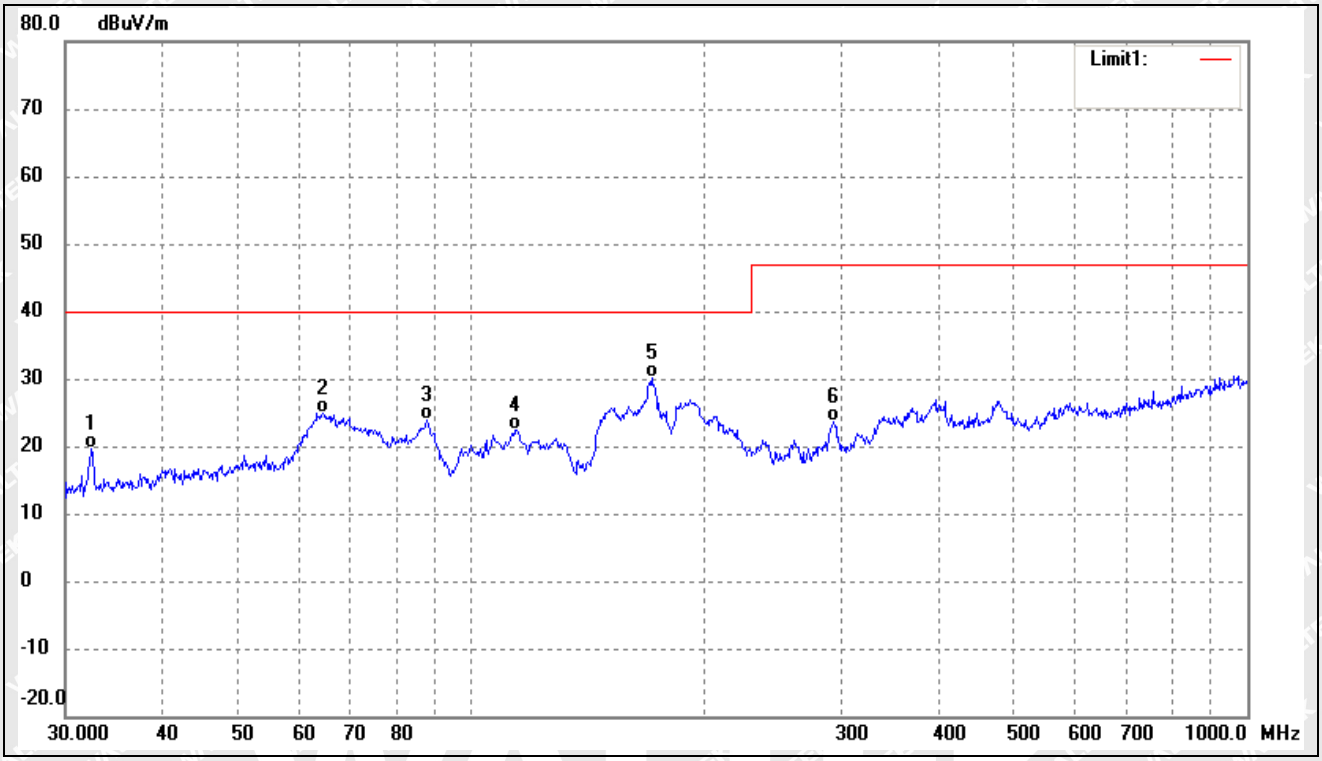
Test mode:	TM2	Polarity:	Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Remark
1	32.2925	46.99	-13.30	33.69	40.00	-6.31	345	100	QP
2	48.6719	39.67	-10.29	29.38	40.00	-10.62	127	100	QP
3	67.6751	41.29	-13.58	27.71	40.00	-12.29	52	100	QP
4	86.5029	45.97	-14.46	31.51	40.00	-8.49	166	100	QP
5	147.9214	42.18	-14.77	27.41	40.00	-12.59	210	100	QP
6	197.2001	44.67	-11.52	33.15	40.00	-6.85	288	100	QP

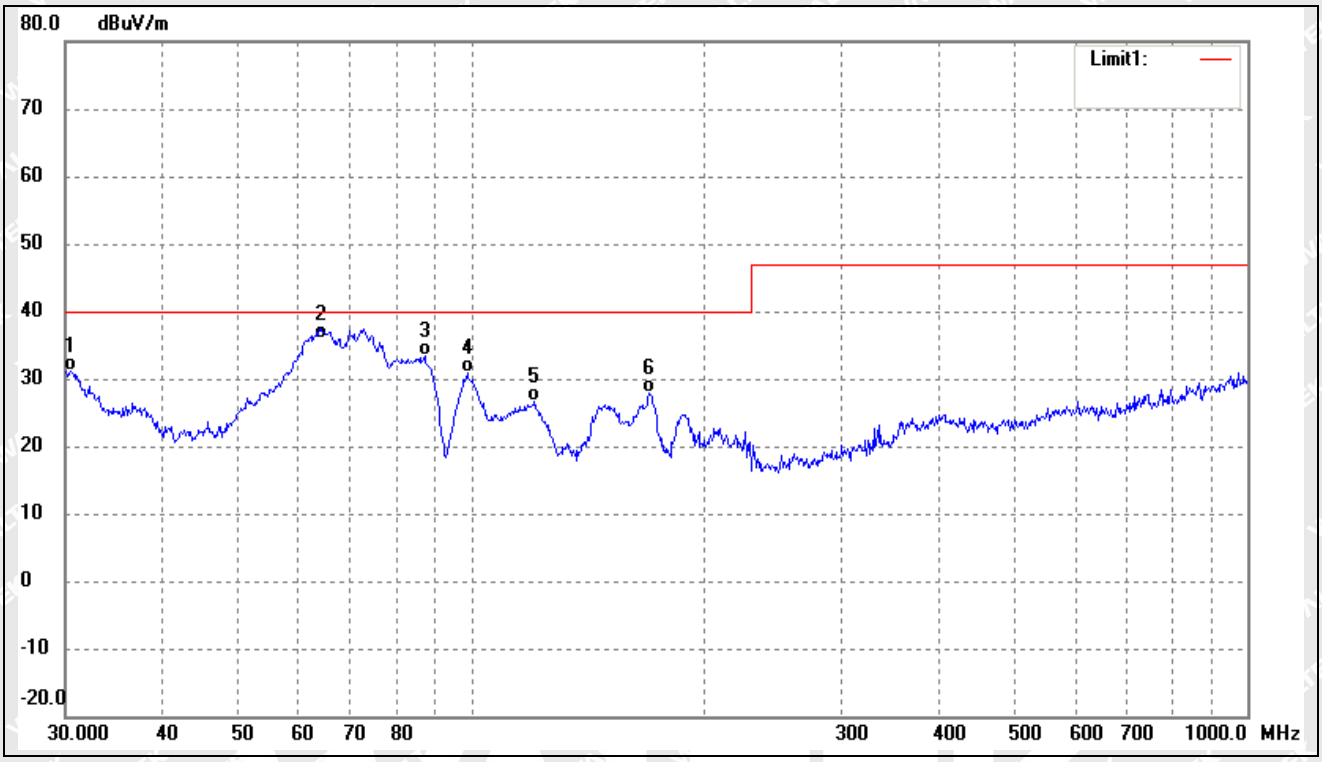
GTM96600-6054-R3A-CF

Test mode:	TM3	Polarity:	Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Remark
1	32.4059	33.01	-13.26	19.75	40.00	-20.25	56	100	QP
2	64.4331	37.72	-12.94	24.78	40.00	-15.22	291	100	QP
3	87.7248	38.40	-14.48	23.92	40.00	-16.08	142	100	QP
4	113.7143	34.94	-12.56	22.38	40.00	-17.62	53	100	QP
5	170.7926	43.75	-13.63	30.12	40.00	-9.88	216	100	QP
6	293.0842	31.15	-7.63	23.52	47.00	-23.48	252	100	QP

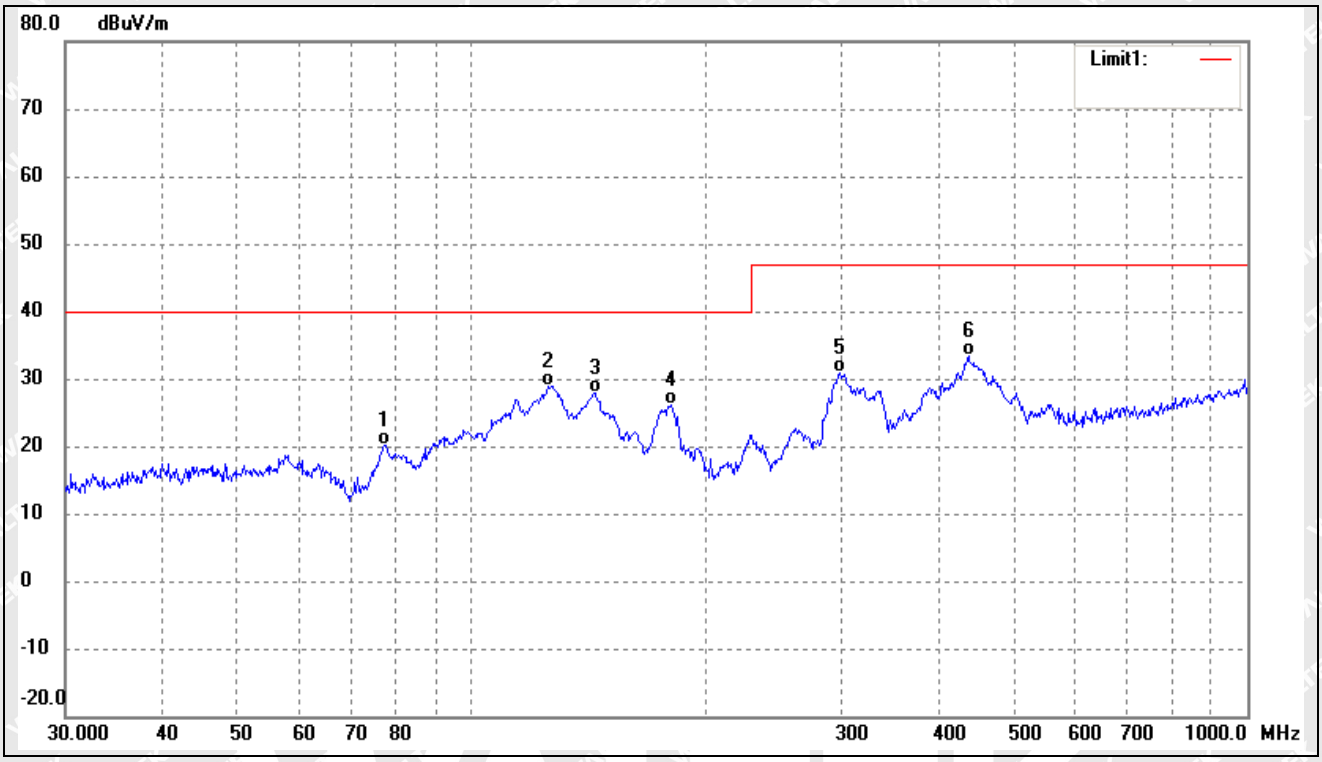
Test mode:	TM3	Polarity:	Vertical



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	30.4238	45.01	-13.77	31.24	40.00	-8.76	333	100	QP
2	64.2074	48.92	-12.92	36.00	40.00	-4.00	215	100	QP
3	87.1117	47.92	-14.47	33.45	40.00	-6.55	246	100	QP
4	98.8326	43.43	-12.62	30.81	40.00	-9.19	159	100	QP
5	120.6991	40.09	-13.41	26.68	40.00	-13.32	56	100	QP
6	169.5990	41.45	-13.69	27.76	40.00	-12.24	293	100	QP

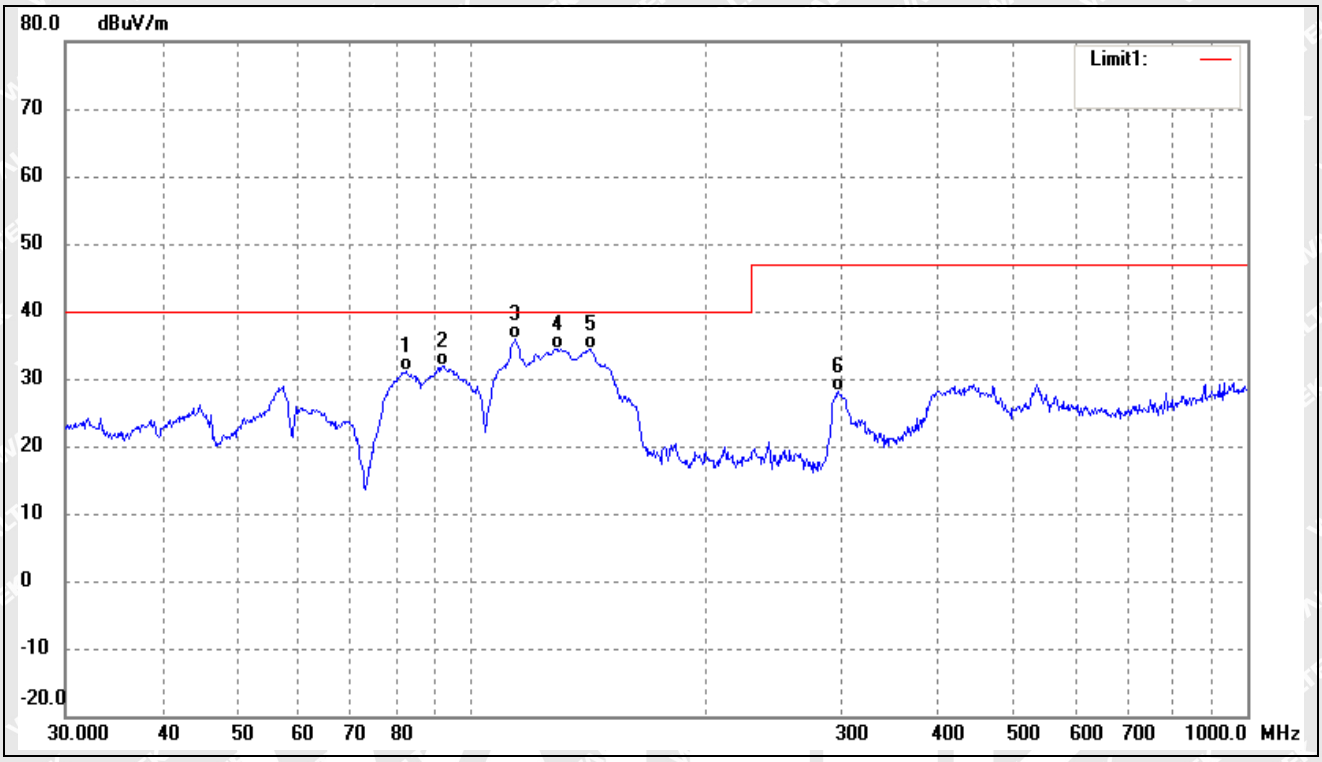
GTM96600-6030-R3A-CF

Test mode:	TM4	Polarity:	Horizontal



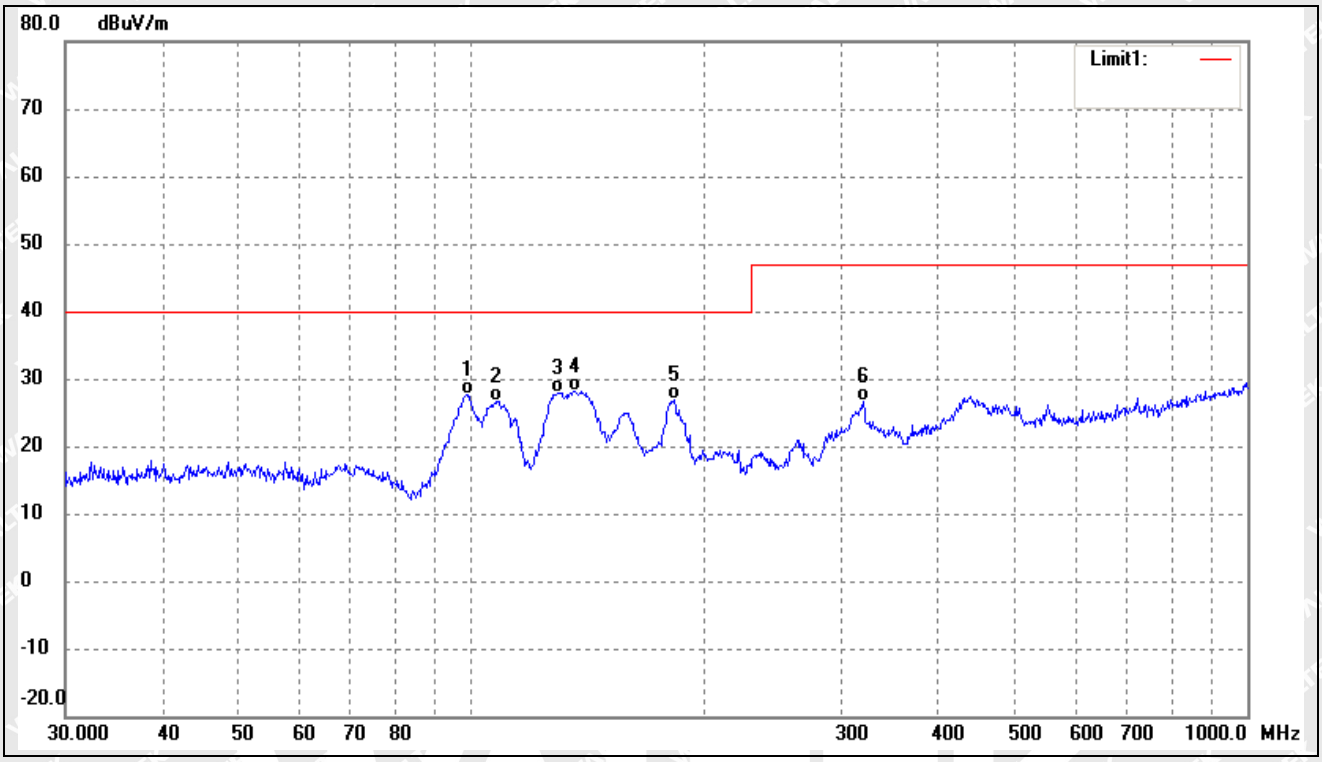
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Remark
1	77.3212	35.29	-15.16	20.13	40.00	-19.87	300	100	QP
2	125.8864	43.31	-14.45	28.86	40.00	-11.14	96	100	QP
3	144.3348	43.16	-15.23	27.93	40.00	-12.07	164	100	QP
4	180.6488	40.05	-13.95	26.10	40.00	-13.90	112	100	QP
5	298.2681	40.22	-9.39	30.83	47.00	-16.17	285	100	QP
6	437.1199	38.63	-5.37	33.26	47.00	-13.74	125	100	QP

Test mode:	TM4	Polarity:	Vertical



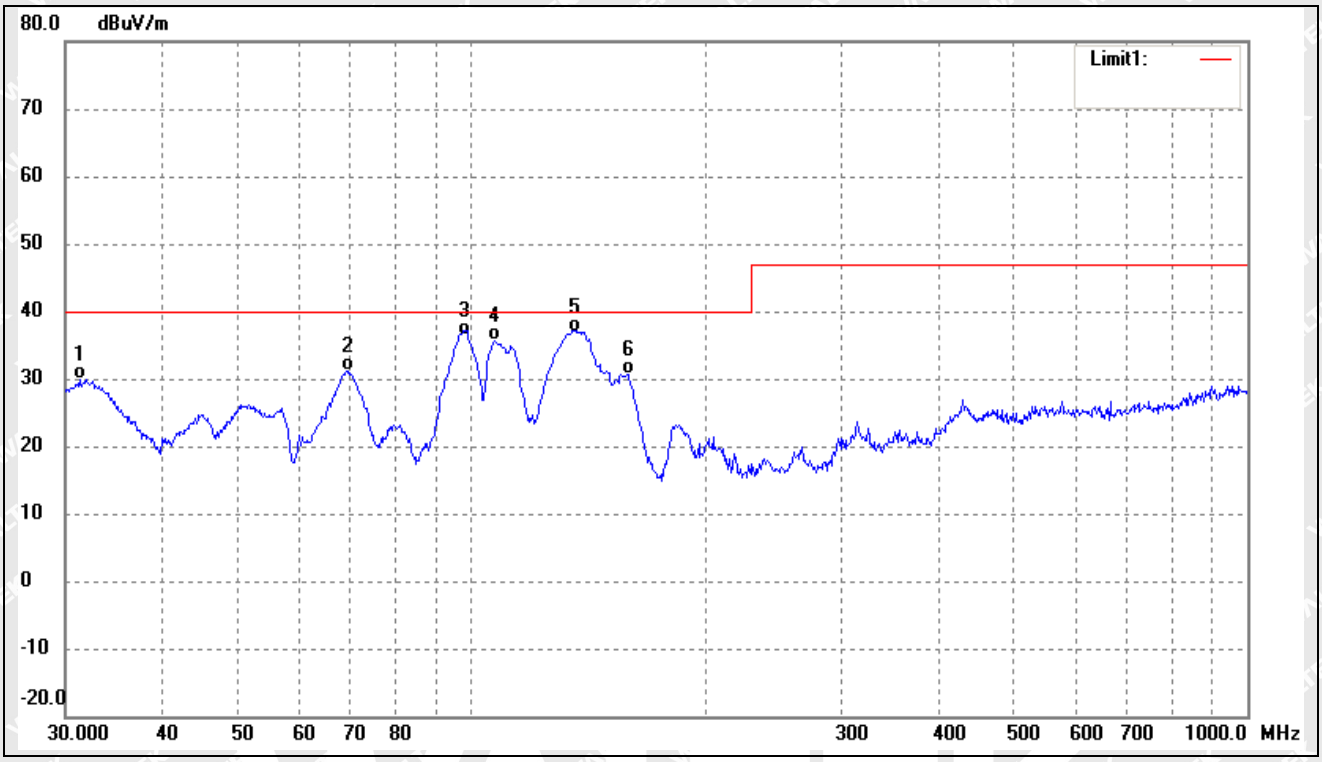
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Remark
1	82.3588	45.66	-14.65	31.01	40.00	-8.99	331	100	QP
2	91.8163	44.57	-12.69	31.88	40.00	-8.12	98	100	QP
3	114.1138	48.94	-13.15	35.79	40.00	-4.21	295	100	QP
4	129.4677	49.22	-14.76	34.46	40.00	-5.54	119	100	QP
5	142.3243	49.51	-15.21	34.30	40.00	-5.70	158	100	QP
6	297.2241	37.67	-9.42	28.25	47.00	-18.75	105	100	QP

Test mode:	TM5	Polarity:	Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ( )	Height (cm)	Remark
1	98.8326	39.86	-12.15	27.71	40.00	-12.29	317	100	QP
2	107.5101	39.15	-12.47	26.68	40.00	-13.32	172	100	QP
3	129.0146	42.70	-14.71	27.99	40.00	-12.01	60	100	QP
4	135.9822	43.19	-15.03	28.16	40.00	-11.84	313	100	QP
5	182.5592	40.59	-13.71	26.88	40.00	-13.12	297	100	QP
6	319.9370	35.41	-8.77	26.64	47.00	-20.36	189	100	QP

Test mode:	TM5	Polarity:	Vertical



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	31.2893	42.25	-12.45	29.80	40.00	-10.20	57	100	QP
2	69.3568	46.42	-15.31	31.11	40.00	-8.89	118	100	QP
3	98.1419	48.70	-12.20	36.50	40.00	-3.50	87	100	QP
4	107.1337	48.03	-12.46	35.57	40.00	-4.43	350	100	QP
5	135.9822	52.03	-15.03	37.00	40.00	-3.00	84	100	QP
6	159.2251	45.45	-14.84	30.61	40.00	-9.39	98	100	QP

5. Harmonic Current Emissions

5.1 Test Procedure

Test is conducting under the description of IEC 61000-3-2.

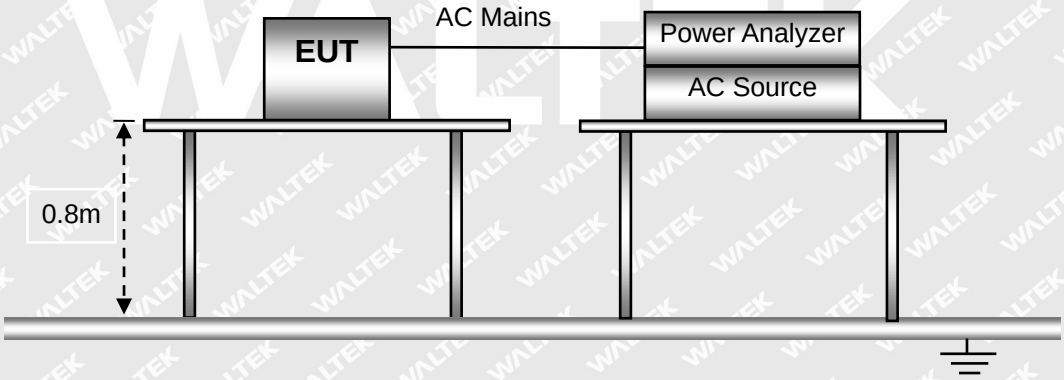
5.2 Test Standards

IEC 61000-3-2, Clause 7.1 Limits for Class A equipment.

5.3 Environmental Conditions

Temperature:	23.5 °C
Relative Humidity:	54 %
ATM Pressure:	1011 mbar

5.4 Basic Test Setup Block Diagram



5.4 Harmonic Current Emissions Test Data

According to Clause 7 of IEC 61000-3-2, the rated power of the EUT is less than 75W, belong to ‘equipment with a rated power of 75W or less’, therefore ‘limits are not specified in this edition of the standards’. It is deem to full fit the requirements of the standards.

Result: The EUT is compliance with the requirements of this section.

6. Voltage Fluctuation Flicker

6.1 Test Procedure

Test is conducting under the description of IEC 61000-3-3.

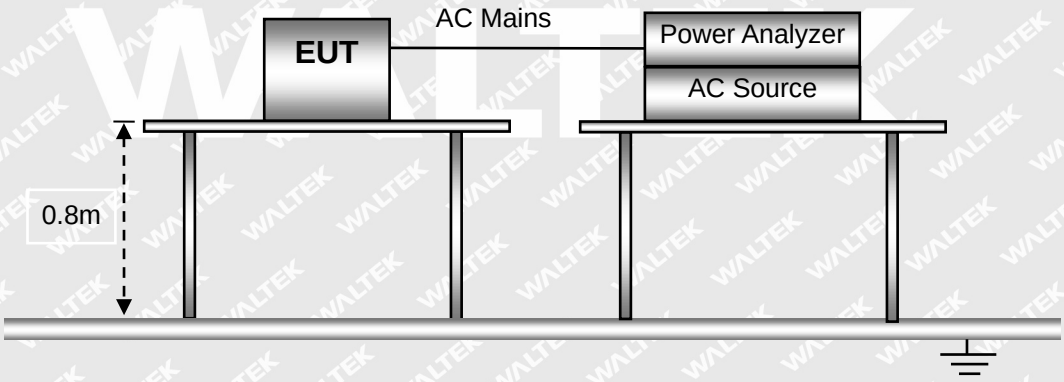
6.2 Test Standards

IEC 61000-3-3, Limit: Clause 5.

6.3 Environmental Conditions

Temperature:	23.5 °C
Relative Humidity:	54 %
ATM Pressure:	1011 mbar

6.4 Basic Test Setup Block Diagram



6.5 Voltage Fluctuation and Flicker Test Data

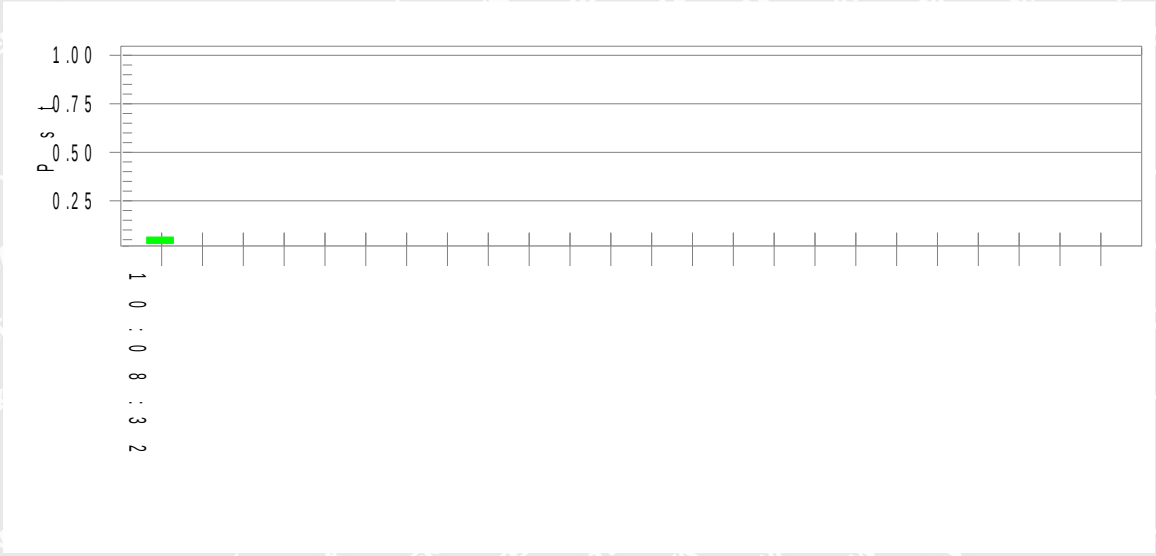
GTM96600-3005-R3A-CF

Test mode:	TM1

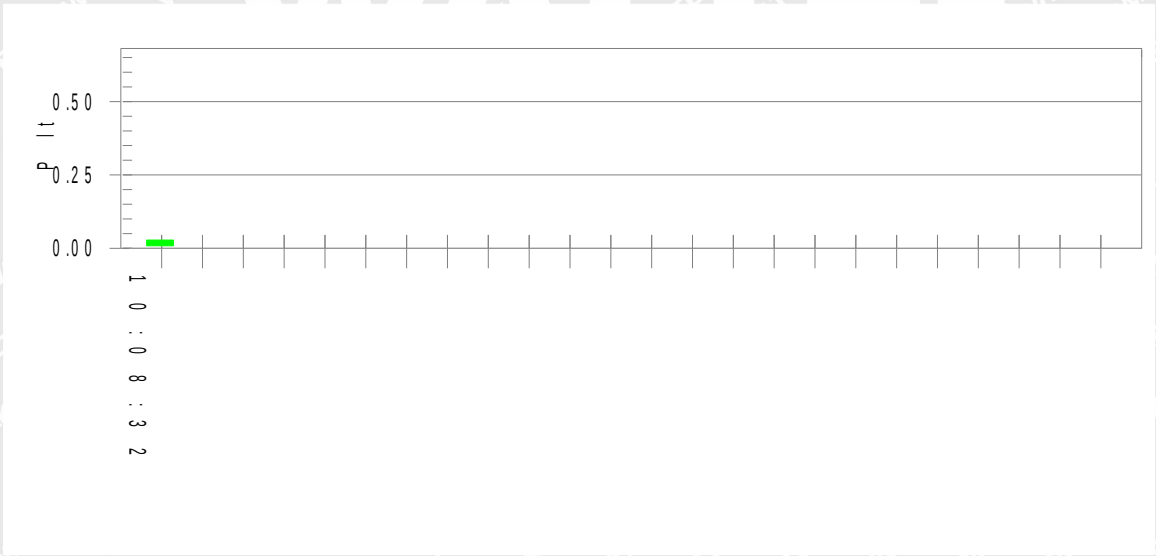
Flicker Test Summary per EN/IEC61000-3-3 Ed. 3.0 (2013) (Run time)

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

Pst_i and limit line **European Limits**



Plt and limit line



Parameter values recorded during the test:

Vrms at the end of test (Volt):	**231.57**			
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):	**0.064**	**Test limit:**	**1.000**	**Pass**
Highest Plt (2 hr. period):	**0.028**	**Test limit:**	**0.650**	**Pass**

GTM96600-6512-R3A-CF

Test mode:	TM2

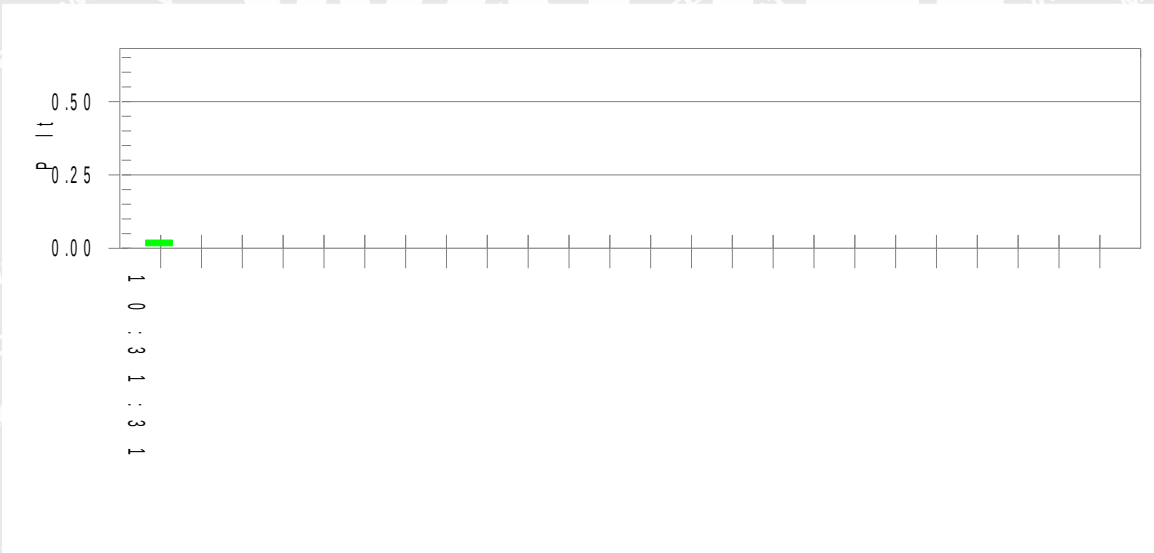
Flicker Test Summary per EN/IEC61000-3-3 Ed. 3.0 (2013) (Run time)

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

Pst_i and limit line **European Limits**



Plt and limit line



Parameter values recorded during the test:

Vrms at the end of test (Volt):	**231.58**			
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):	**0.064**	**Test limit:**	**1.000**	**Pass**
Highest Plt (2 hr. period):	**0.028**	**Test limit:**	**0.650**	**Pass**

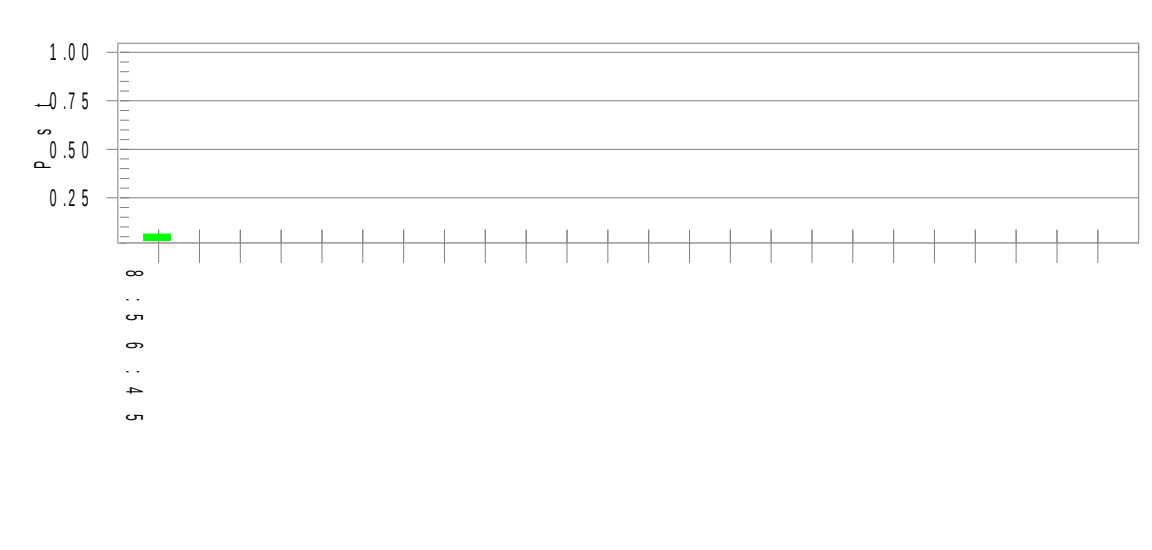
GTM96600-6054-R3A-CF

Test mode:	TM3

Flicker Test Summary per EN/IEC61000-3-3 Ed. 3.0 (2013) (Run time)

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):	**231.45**			
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):	**0.064**	**Test limit:**	**1.000**	**Pass**
Highest Plt (2 hr. period):	**0.028**	**Test limit:**	**0.650**	**Pass**

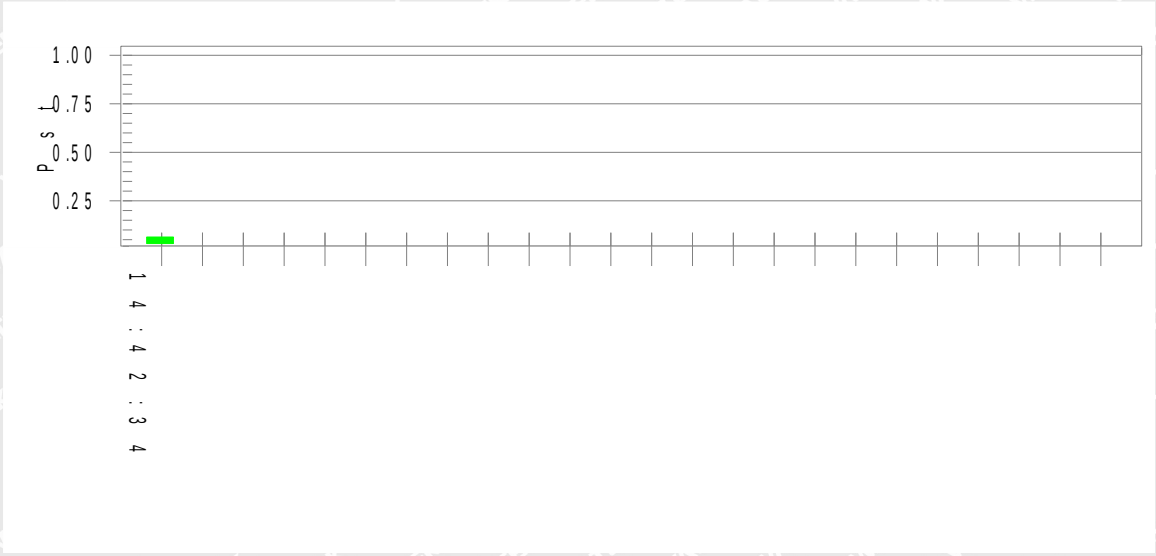
GTM96600-6030-R3A-CF

Test mode:	TM4

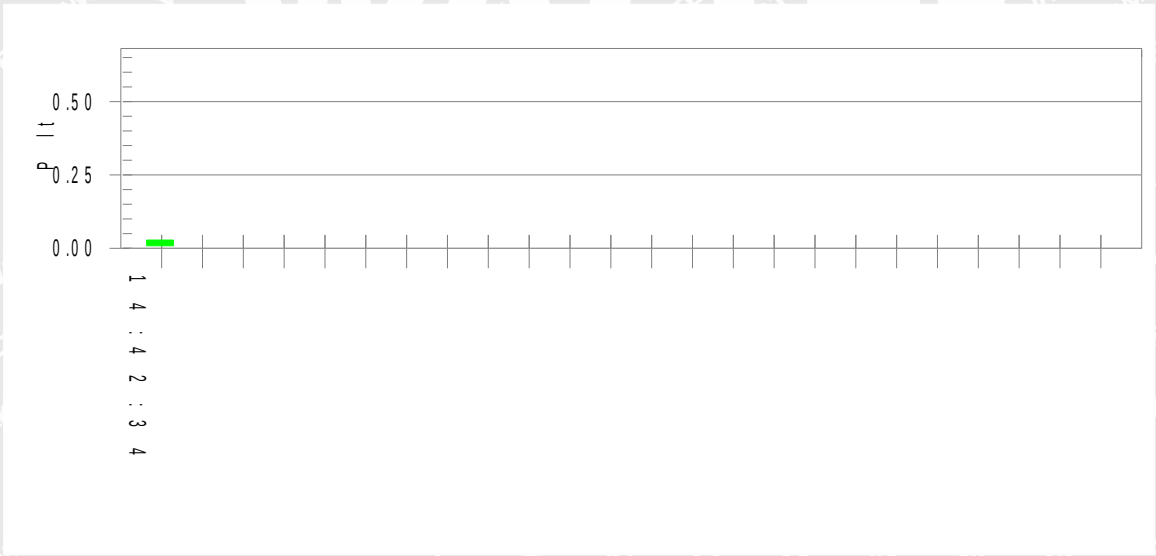
Flicker Test Summary per EN/IEC61000-3-3 Ed. 3.0 (2013) (Run time)

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):	**230.00**			
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):	**0.064**	**Test limit:**	**1.000**	**Pass**
Highest Plt (2 hr. period):	**0.028**	**Test limit:**	**0.650**	**Pass**

7. Electrostatic Discharges (ESD)

7.1 Test Procedure

Test is conducting under the description of IEC 61000-4-2.

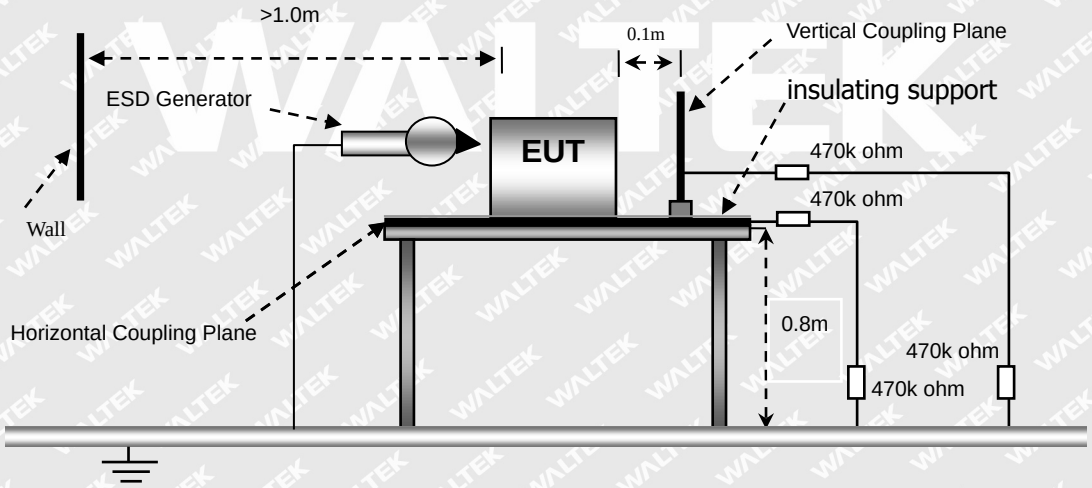
7.2 Test Performance

Performance Criterion: B

7.3 Environmental Conditions

Temperature:	23.5 °C
Relative Humidity:	54 %
ATM Pressure:	1011 mbar

7.4 Basic Test Setup Block Diagram



7.5 Electrostatic Discharge Immunity Test Data

Table 1: Electrostatic Discharge Immunity (Air Discharge)

IEC 61000-4-2	Test Voltage (kV)									
Test Points	-2	+2	-4	+4	-6	+6	-8	+8	-15	+15
Surface crack	A	A	A	A	A	A	A	A	A	A

Table 2: Electrostatic Discharge Immunity (Direct Contact)

IEC 61000-4-2	Test Voltage (kV)									
Test Points	-2	+2	-4	+4	-6	+6	-8	+8	-15	+15
Output Port	A	A	A	A	A	A	A	A	/	/

Table 3: Electrostatic Discharge Immunity (Indirect Contact HCP & VCP)

IEC 61000-4-2	Test Voltage (kV)									
Test Points	-2	+2	-4	+4	-6	+6	-8	+8	-15	+15
HCP (6 Sides)	A	A	A	A	A	A	A	A	/	/
VCP (4 Sides)	A	A	A	A	A	A	A	A	/	/

Test Result: Pass

GTM96600-6030-R3A-CF(TM4/TM5)

Table 1: Electrostatic Discharge Immunity (Air Discharge)

IEC 61000-4-2	Test Levels (kV)									
Test Points	-4	+4	-8	+8	-15	+15	-18	+18	-20	+20
Gap	A	A	A	A	A	A	A	A	A	A

Table 2: Electrostatic Discharge Immunity (Direct Contact)

IEC 61000-4-2	Test Levels (kV)									
Test Points	-2	+2	-4	+4	-6	+6	-8	+8	-10	+10
Output Port	A	A	A	A	A	A	A	A	A	A

Table 3: Electrostatic Discharge Immunity (Indirect Contact HCP & VCP)

IEC 61000-4-2	Test Voltage (kV)									
Test Points	-2	+2	-4	+4	-6	+6	-8	+8	-10	+10
HCP (6 Sides)	A	A	A	A	A	A	A	A	A	A
VCP (4 Sides)	A	A	A	A	A	A	A	A	A	A

Test Result: Pass

8. Continuous RF electromagnetic field Disturbances (RS)

8.1 Test Procedure

Test is conducting under the description of IEC 61000-4-3.

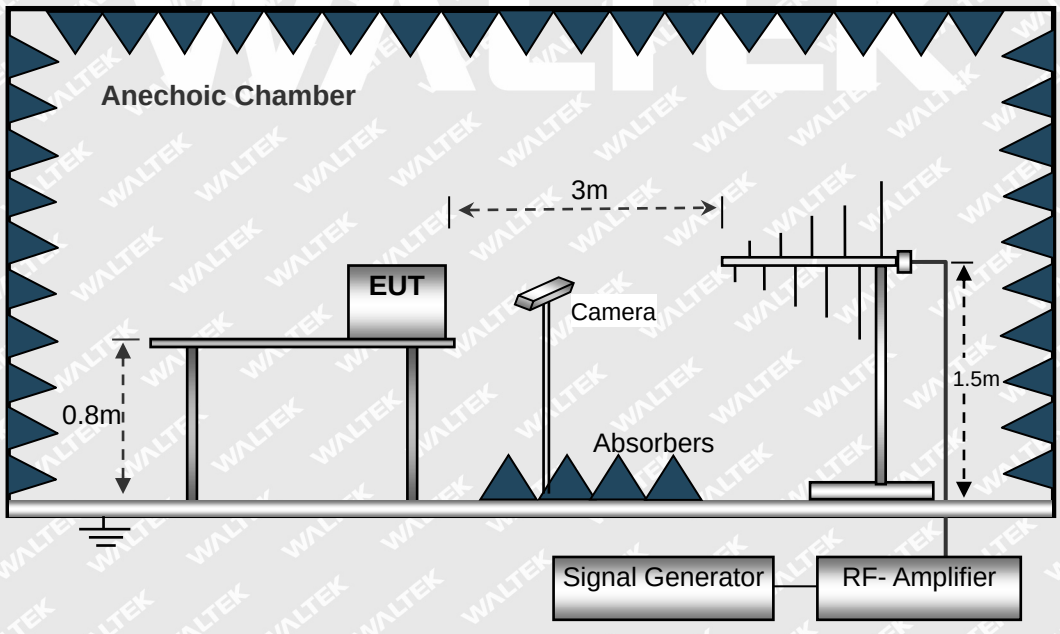
8.2 Test Performance

Performance Criterion: A

8.3 Environmental Conditions

Temperature:	23.5°C
Relative Humidity:	54 %
ATM Pressure:	1011 mbar

8.4 Basic Test Setup Block Diagram



8.5 Continuous Radiated Disturbances Test Data

Frequency step: 1% of fundamental
Dwell time: 1 second
Modulation: AM by 1kHz sine wave with 80% modulation depth

Frequency Range(MHz)	Field (V/m)	Front		Rear		Left Side		Right Side	
		VERT	HORI	VERT	HORI	VERT	HORI	VERT	HORI
80-2700	3	A	A	A	A	A	A	A	A

GTM96600-6030-R3A-CF(TM4/TM5)

Frequency Range(MHz)	Field (V/m)	Front		Rear		Left Side		Right Side	
		VERT	HORI	VERT	HORI	VERT	HORI	VERT	HORI
80-2700	10	A	A	A	A	A	A	A	A

Test Result: Pass

9. Electrical Fast Transients (EFT)

9.1 Test Procedure

Test is conducting under the description of IEC 61000-4-4.

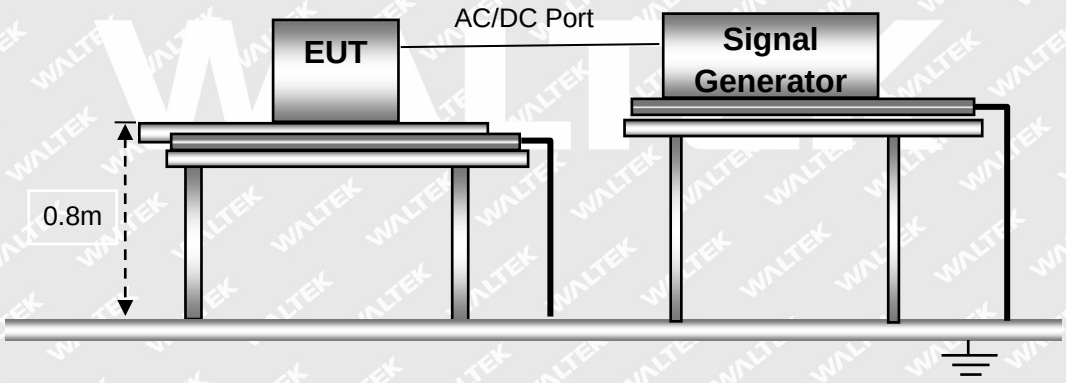
9.2 Test Performance

Performance Criterion: B

9.3 Environmental Conditions

Temperature:	23.5 °C
Relative Humidity:	54 %
ATM Pressure:	1011 mbar

9.4 Basic Test Setup Block Diagram



9.5 Electrical Fast Transients Test Data

Repetition frequency 100 kHz

IEC 61000-4-4 Test Points		Test Voltage (kV)							
		+0.5	-0.5	+1.0	-1.0	+2.0	-2.0	+4.0	-4.0
Power Supply Power Port of EUT	L1	/	/	/	/	B	B	/	/
	L2	/	/	/	/	B	B	/	/
	PE	/	/	/	/	B	B	/	/
	L1+L2	/	/	/	/	B	B	/	/
	L1 + PE	/	/	/	/	B	B	/	/
	L2 + PE	/	/	/	/	B	B	/	/
	L1+L2+PE	/	/	/	/	B	B	/	/
Signal ports	RJ45	/	/	/	/	/	/	/	/

GTM96600-6030-R3A-CF (TM4/TM5)

IEC 61000-4-4 Test Points		Test Voltage (kV)							
		+0.5	-0.5	+1.0	-1.0	+2.0	-2.0	+4.0	-4.0
Power Supply Power Port of EUT	L1	A	A	A	A	A	A	A	A
	L2	A	A	A	A	A	A	A	A
	PE	A	A	A	A	A	A	A	A
	L1+L2	A	A	A	A	A	A	A	A
	L1 + PE	A	A	A	A	A	A	A	A
	L2 + PE	A	A	A	A	A	A	A	A
	L1+L2+PE	A	A	A	A	A	A	A	A
Signal ports	RJ45	/	/	/	/	/	/	/	/

Test Result: Pass

10. Surges

10.1 Test Procedure

Test is conducting under the description of IEC 61000-4-5.

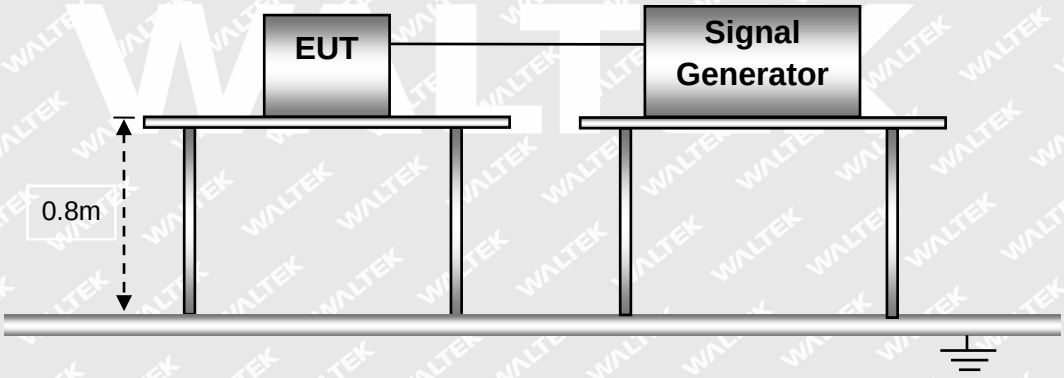
10.2 Test Performance

Performance Criterion: B

10.3 Environmental Conditions

Temperature:	23.5 °C
Relative Humidity:	54 %
ATM Pressure:	100.5 kPa

10.4 Basic Test Setup Block Diagram



10.5 Surge Test Data

Test Voltage (kV)	Poll	Path	Pass	Fail
0.5kV	±	L-N	A	/
1kV	±	L-N,L-PE, N-PE	A	/
2kV	±	L-PE, N-PE	B	/
4kV	±	L-N, L-PE, N-PE	/	/

GTM96600-6030-R3A-CF (TM4/TM5)

Test Voltage (kV)	Poll	Path	Pass	Fail
0.5kV	±	L-N, L-PE, N-PE	A	/
1kV	±	L-N, L-PE, N-PE	A	/
2kV	±	L-N, L-PE, N-PE	A	/
4kV	±	L-PE, N-PE	A	/

Test Result: Pass

11. Continuous induced RF disturbances (C/S)

11.1 Test Procedure

Test is conducting under the description of IEC 61000-4-6.

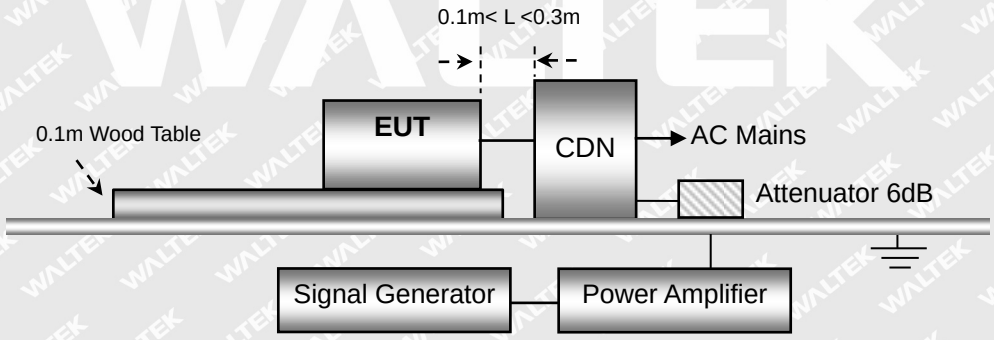
11.2 Test Performance

Performance Criterion: A

11.3 Environmental Conditions

Temperature:	23.5 °C
Relative Humidity:	54 %
ATM Pressure:	1011 mbar

11.4 Basic Test Setup Block Diagram



11.5 Continuous Conducted Disturbances Test Data

Sweep frequency range: 0.15 MHz to 80 MHz
Frequency step: 1% of fundamental
Dwell time: 1 second

AC Port

Frequency MHz	Injected Position	Voltage level (e.m.f.)	Observations (Performance Criterion)	Result
0.15-80	AC Mains	1V	/	Pass
0.15-80	AC Mains	3V	A	Pass
0.15-80	AC Mains	10V	/	Pass

GTM96600-6030-R3A-CF (TM4/TM5)

Frequency MHz	Injected Position	Voltage level (e.m.f.)	Observations (Performance Criterion)	Result
0.15-80	AC Mains	1V	/	Pass
0.15-80	AC Mains	3V	/	Pass
0.15-80	AC Mains	10V	A	Pass

Test Result: Pass

12. Power-Frequency Magnetic Fields (PFMF)

12.1 Test Procedure

Test is conducting under the description of IEC 61000-4-8.

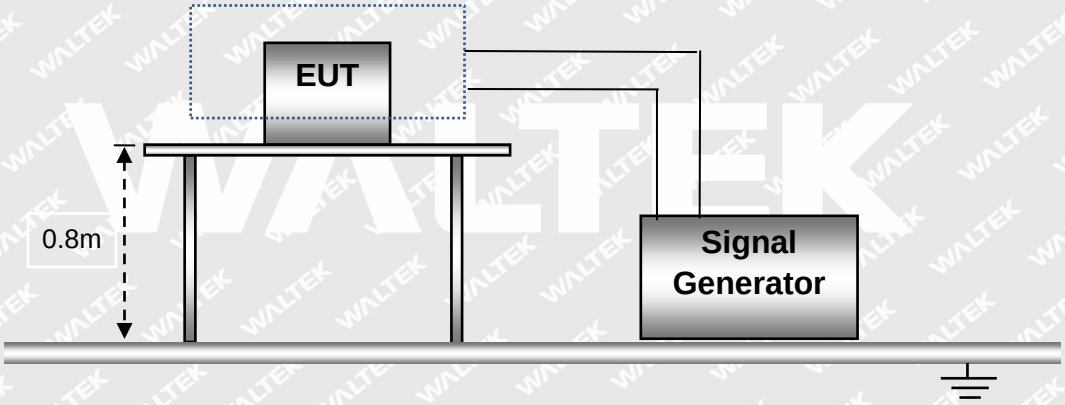
12.2 Test Performance

Performance Criterion: A

12.3 Environmental Conditions

Temperature:	23.5 °C
Relative Humidity:	54 %
ATM Pressure:	1011 mbar

12.4 Basic Test Setup Block Diagram



12.5 Power-Frequency Magnetic Field Test Data

Level	Magnetic Field Strength (r.m.s) A/m	Frequency Hz	Induction Coil Postion	Pass	Fail
1	1	50	X, Y, Z	/	/
2	3	50	X, Y, Z	/	/
3	10	50	X, Y, Z	/	/
4	30	50	X, Y, Z	A	/
X	Special	/	/	/	/

GTM96600-6030-R3A-CF (TM4/TM5)

Level	Magnetic Field Strength (r.m.s) A/m	Frequency Hz	Induction Coil Postion	Pass	Fail
1	1	50	X, Y, Z	/	/
2	3	50	X, Y, Z	/	/
3	10	50	X, Y, Z	/	/
4	30	50	X, Y, Z	A	/
X	Special	/	/	/	/

Test Result: Pass

13. Voltage Dips and Interruptions

13.1 Test Procedure

Test is conducting under the description of IEC 61000-4-11.

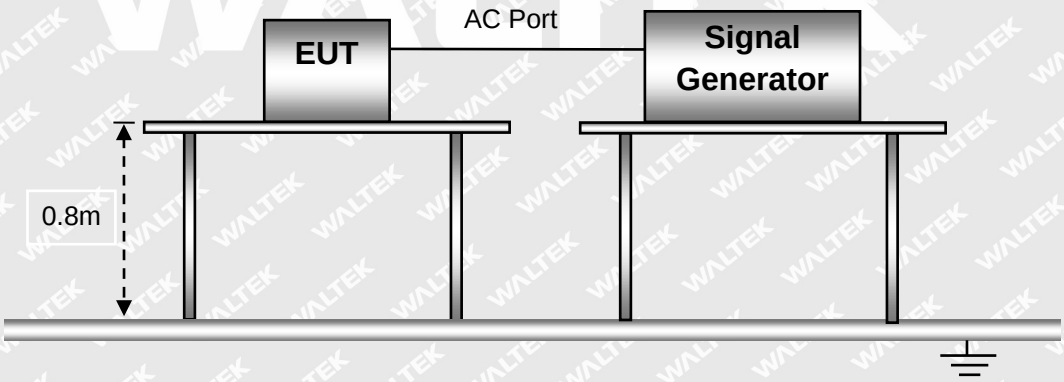
13.2 Test Performance

Performance Criterion: B/C

13.3 Environmental Conditions

Temperature:	23.5 °C
Relative Humidity:	54 %
ATM Pressure:	1011 mbar

13.4 Basic Test Setup Block Diagram



13.5 Voltage Dips And Interruptions Test Data

U: Vlotage dips in % U_T (U_T is rated voltage for the EUT)
T: Test duration

Level	U	T	Phase Angle	N	Pass	Fail
1	100%	10ms	0/90/180/270	3	B	/
2	100%	20ms	0/90/180/270	3	B	/
3	30%	500ms	0/90/180/270	3	B	/
4	100%	5000ms	0/90/180/270	3	B	/

GTM96600-6030-R3A-CF (TM4/TM5)

Level	U	T	Phase Angle	N	Pass	Fail
1	100%	10ms	0/90/180/270	3	B	/
2	60%	100ms	0/90/180/270	3	B	/
3	30%	500ms	0/90/180/270	3	B	/
4	100%	5000ms	0/90/180/270	3	B	/

Test Result: Pass

EXHIBIT 1 - PRODUCT LABELING

Proposed CE Label Format

ICT/ITE/Medical Power Supply
Model: GT*96600-****
Brand: GlobTek, Inc.
Importer Name: XXX
Importer Address: XXX
1. GlobTek, Inc.
2. GlobTek (Suzhou) Co., Ltd
1.186 Veterans Dr. Northvale, NJ 07647 USA
2.Building 4, No. 76, Jin Ling East Rd., Suzhou Industrial Park, Suzhou,JiangSu 215021, China

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 is allowed less than 5 mm but must clear. 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

Proposed Label Location on EUT

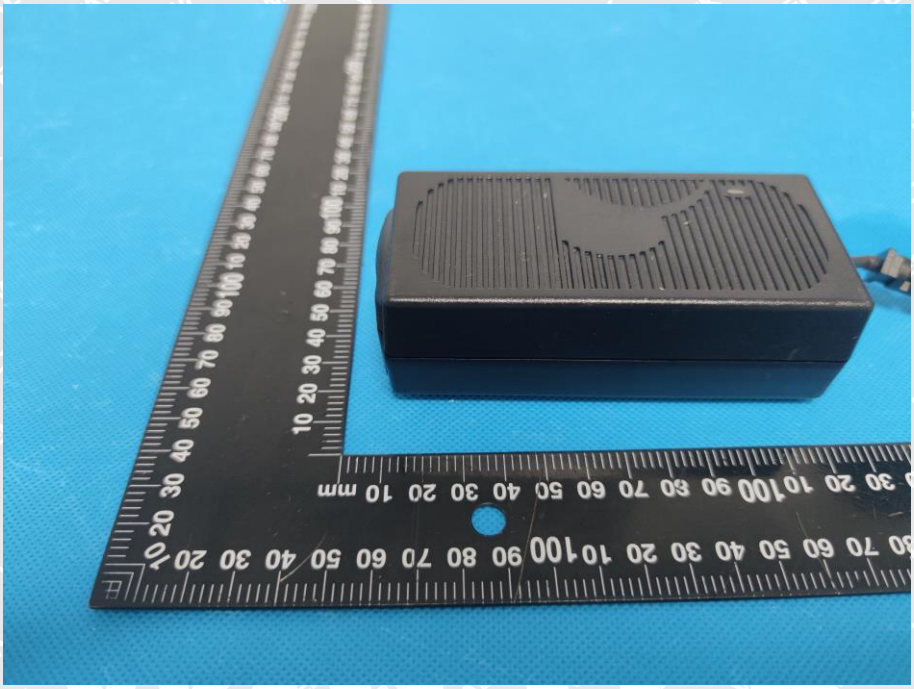
CE Label Location



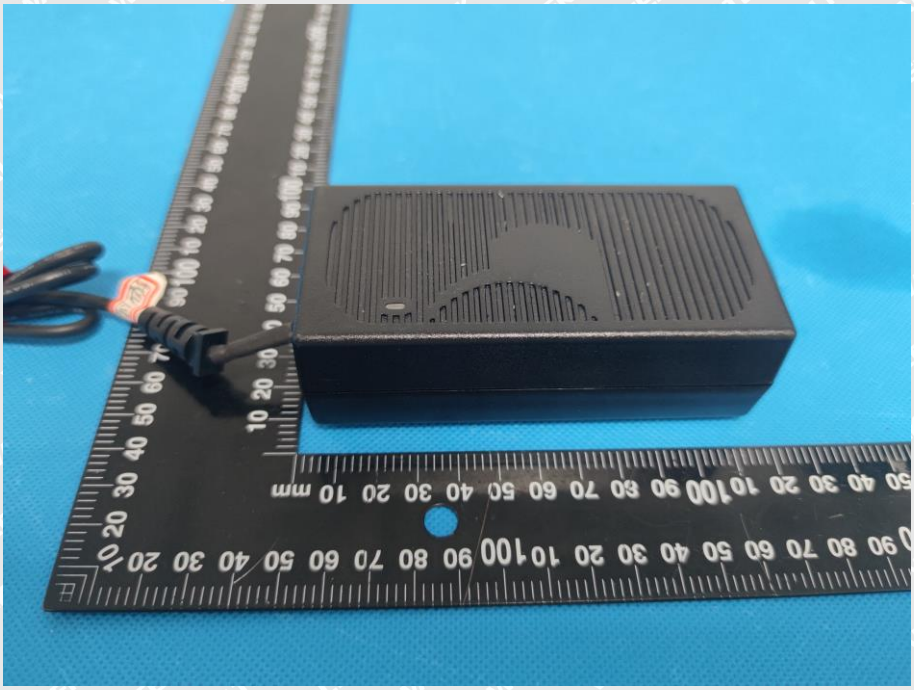
EXHIBIT 2 - EUT PHOTOGRAPHS

GTM96600-3005-R3A-CF

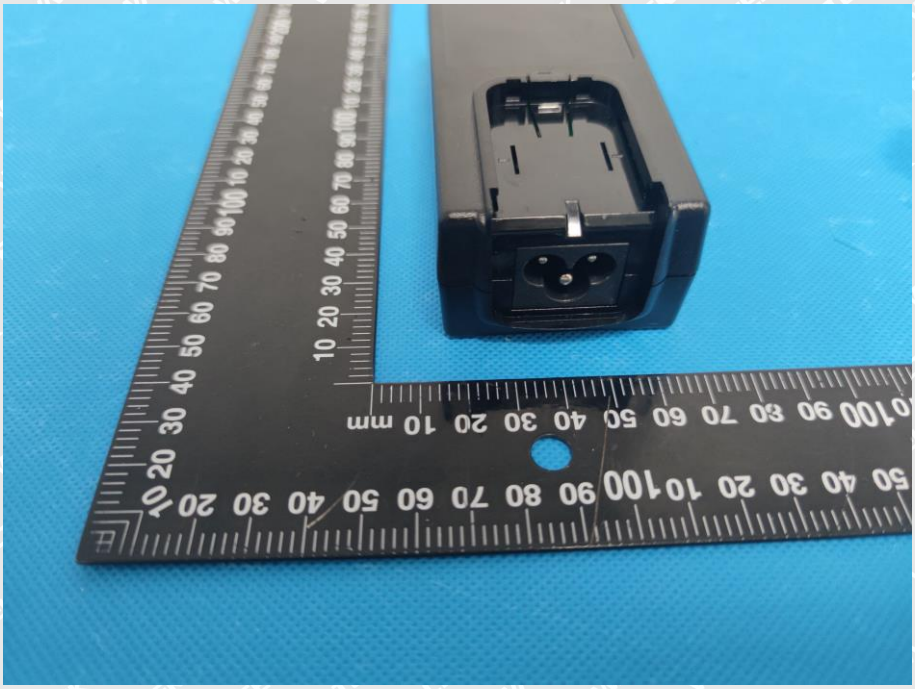
EUT View 1



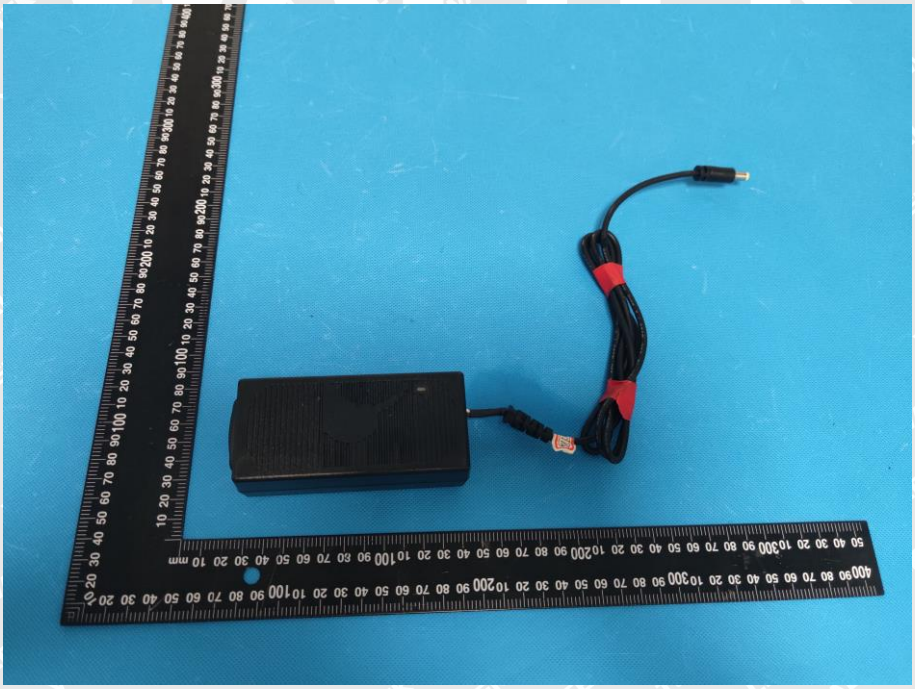
EUT View 2



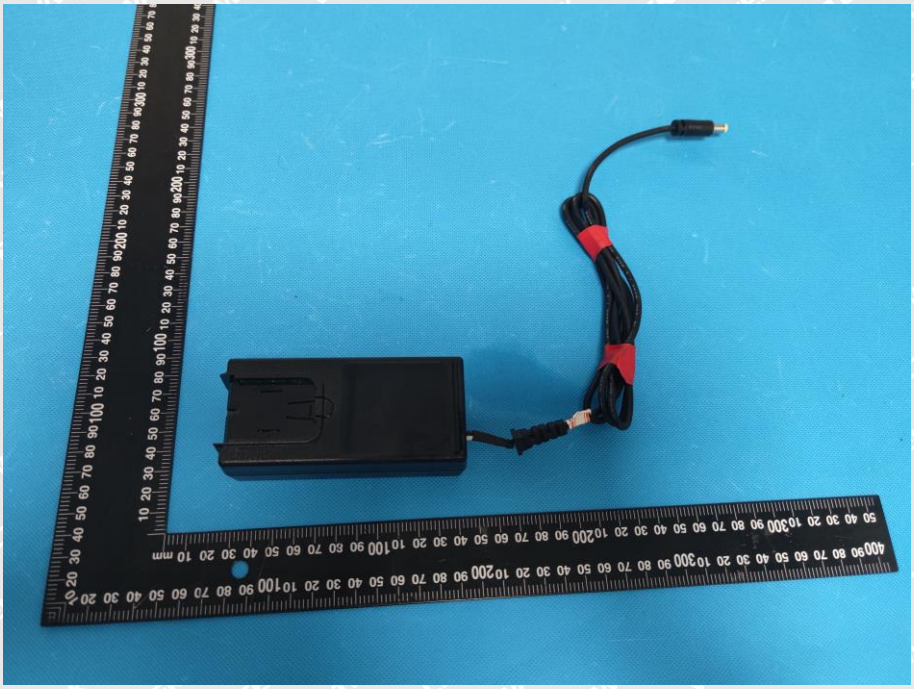
EUT View 3



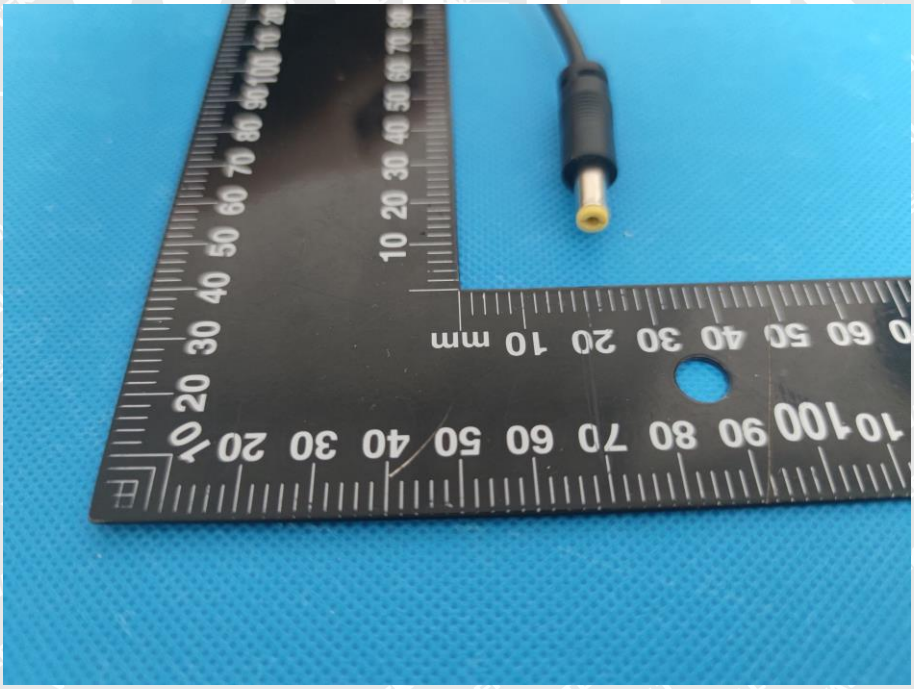
EUT View 4



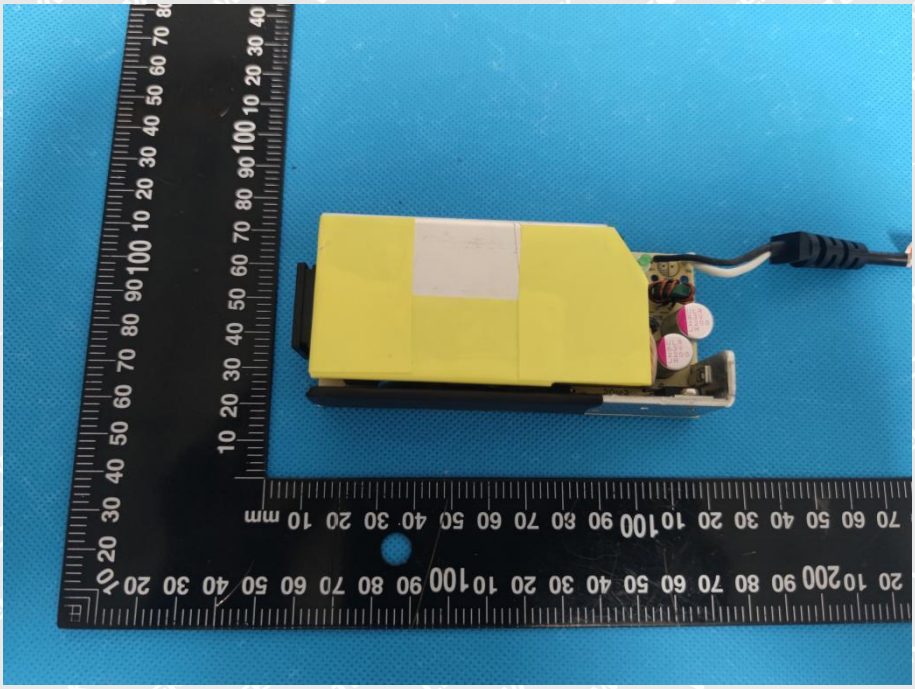
EUT View 5



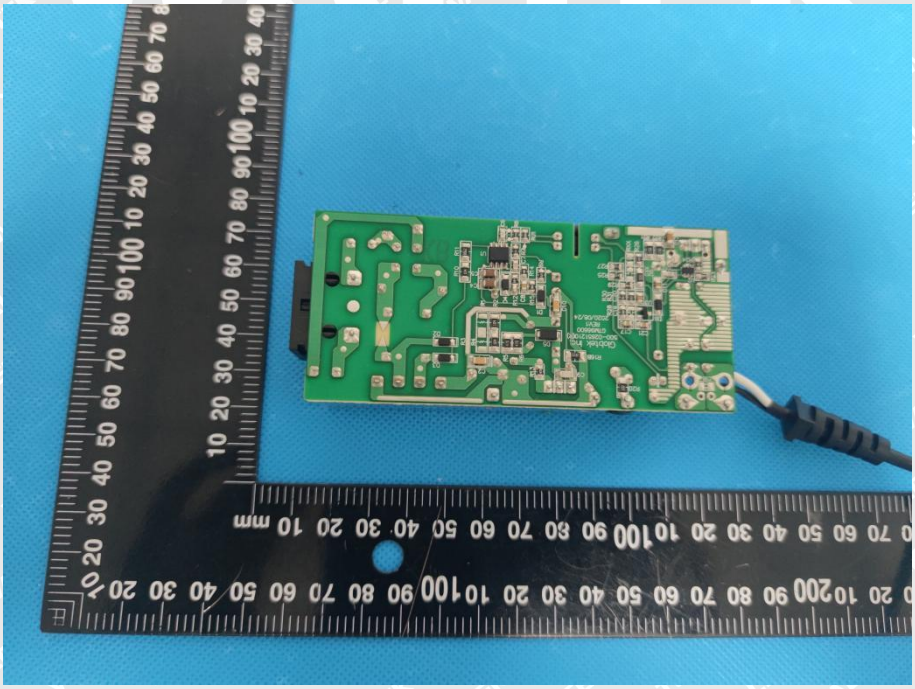
EUT View 6



EUT Housing and Board View 1



Solder Board-Component View 1

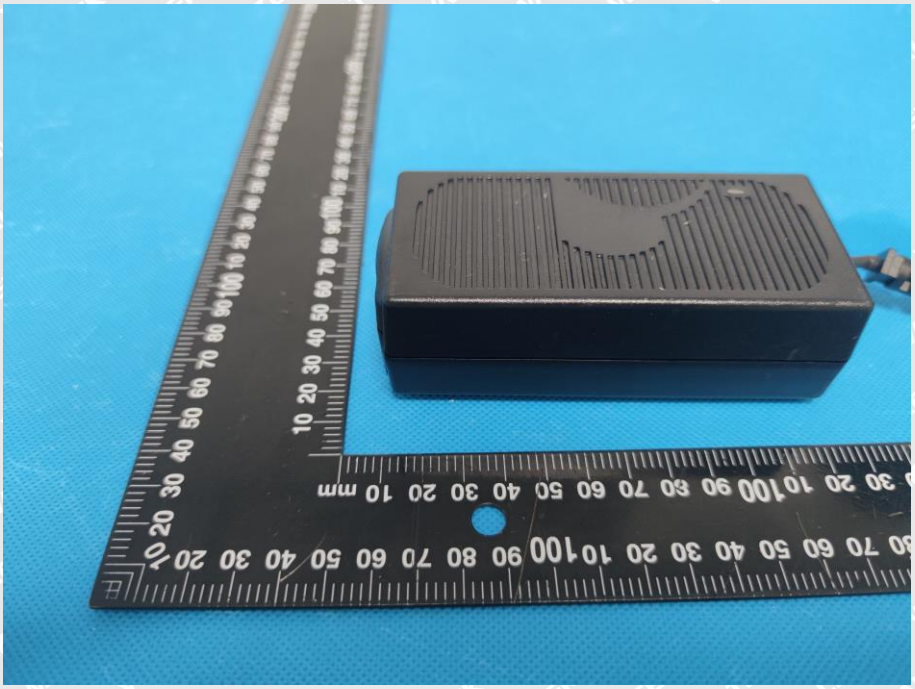


GTM96600-6512-R3A-CF

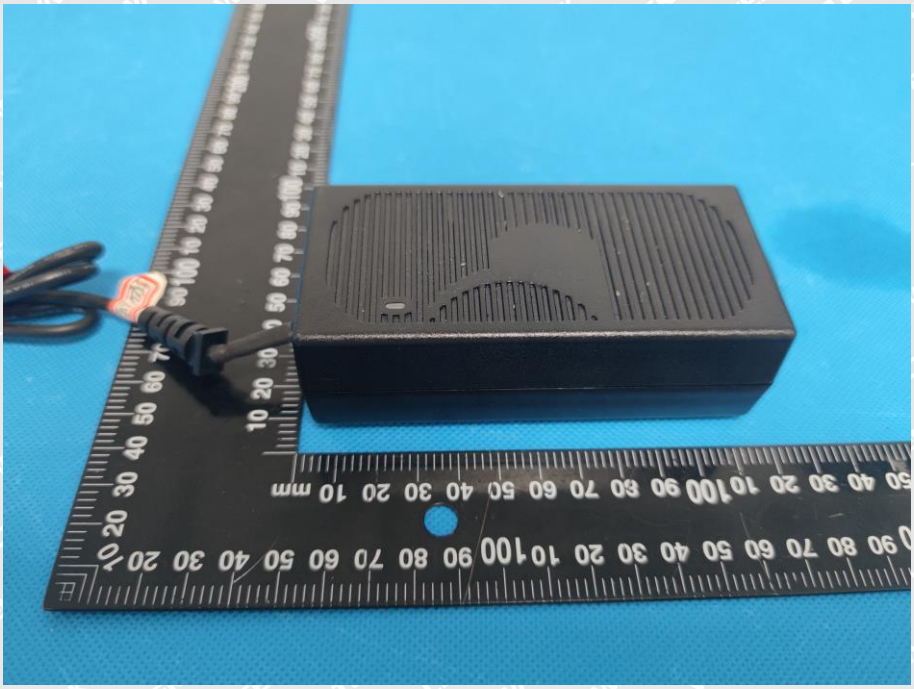
EUT View 1



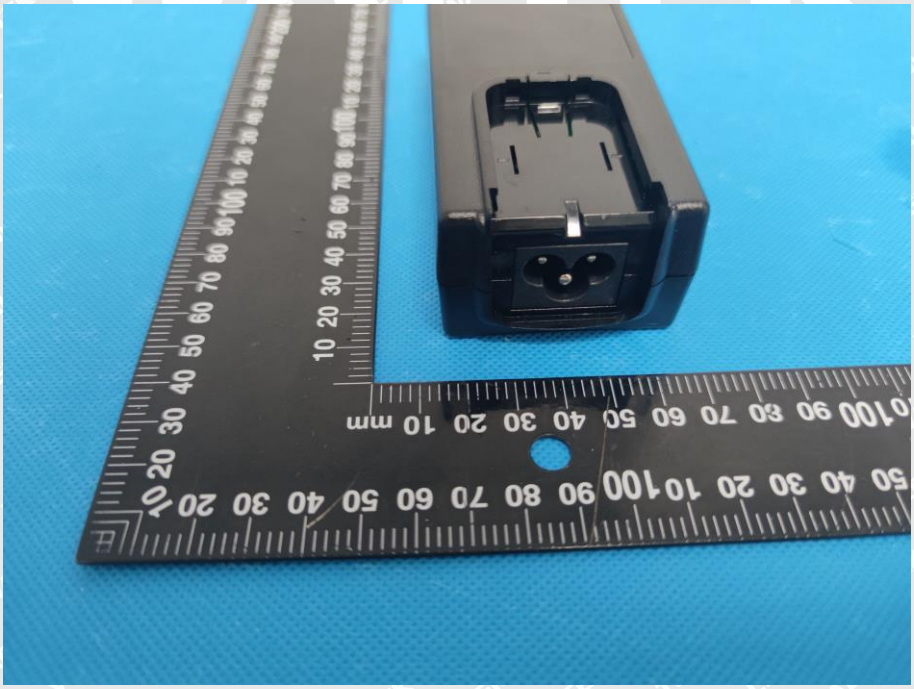
EUT View 2



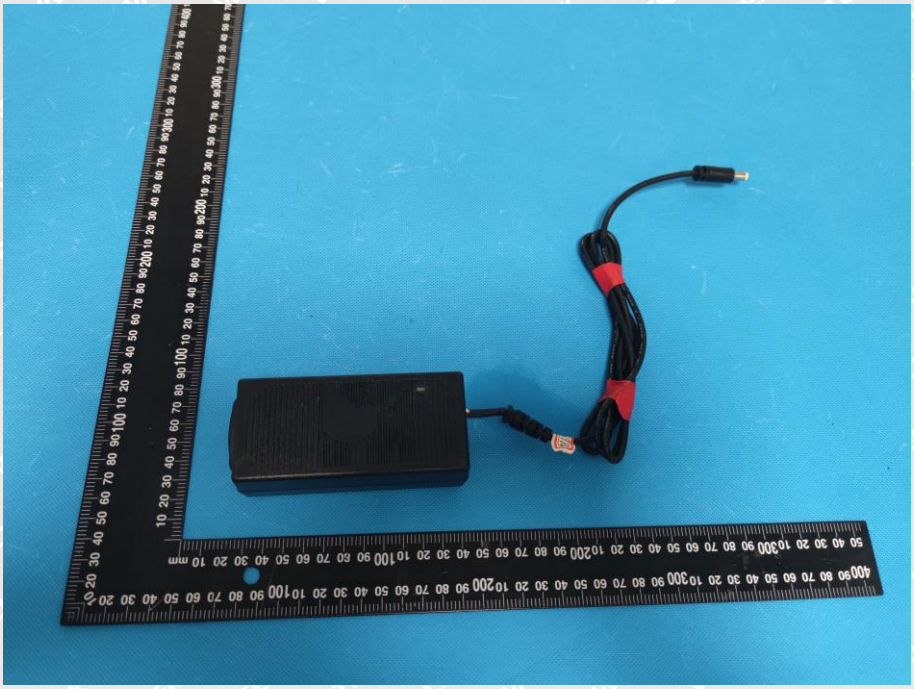
EUT View 3



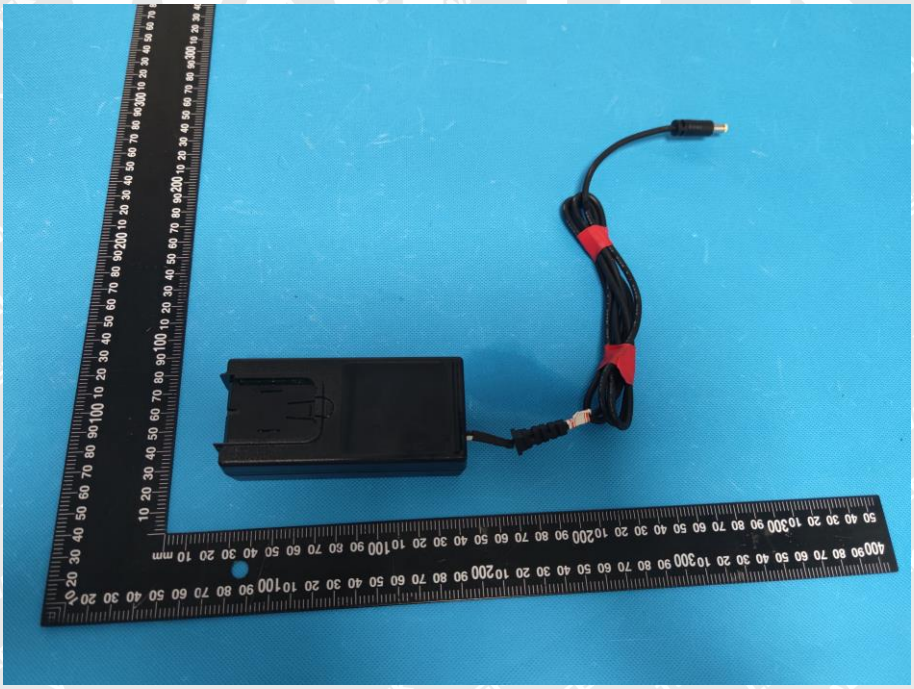
EUT View 4



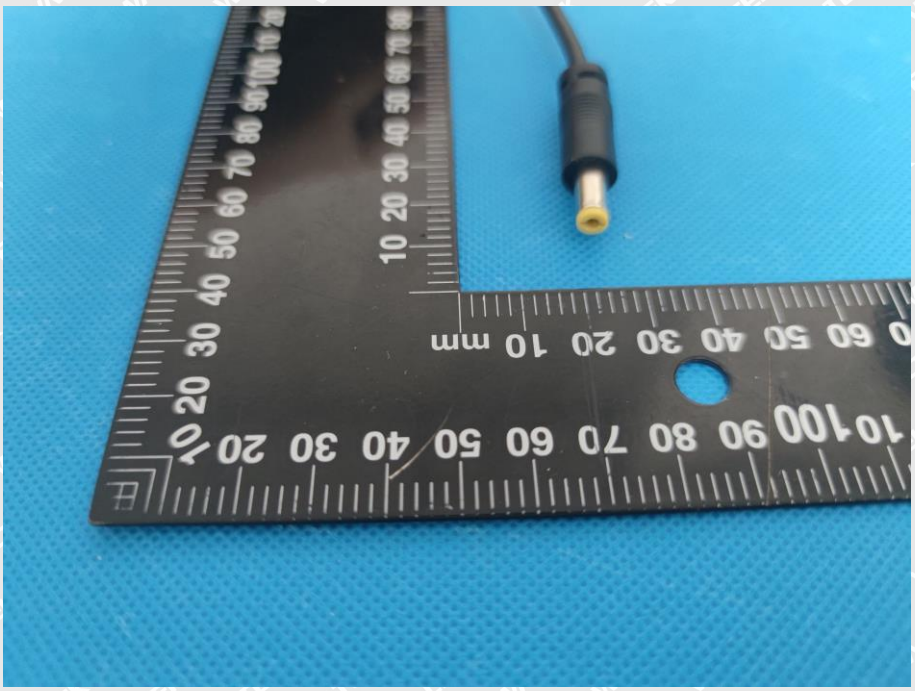
EUT View 5



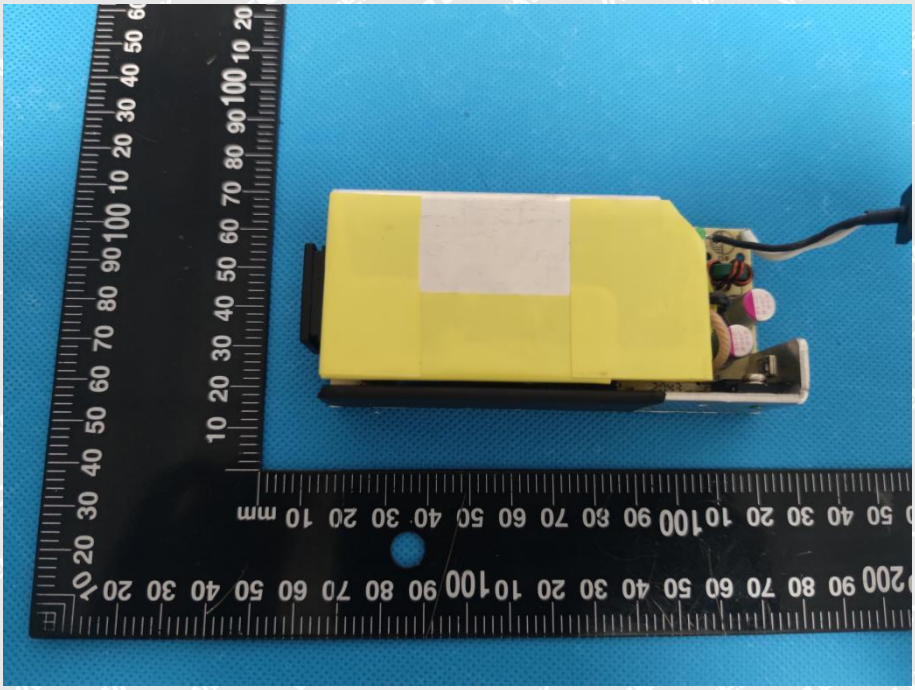
EUT View 6



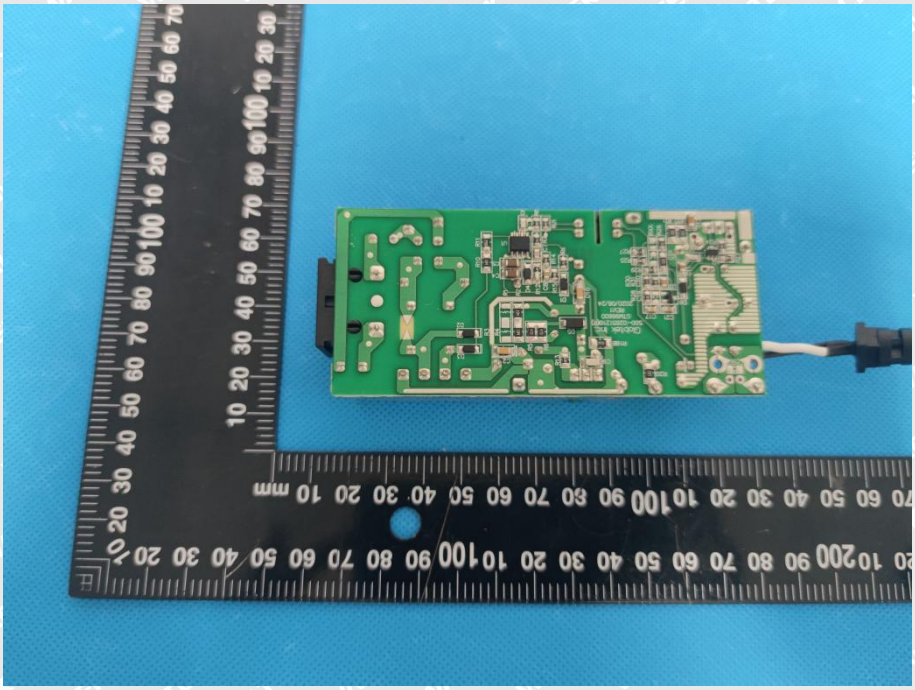
EUT View 7



EUT Housing and Board View 1



Solder Board-Component View 1

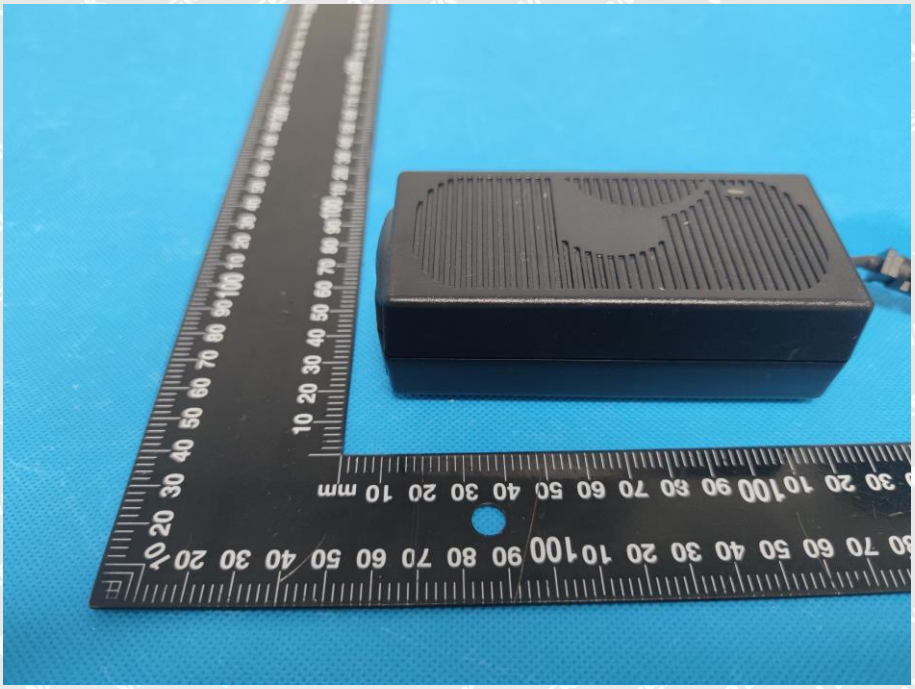


GTM96600-6054-R3A-CF

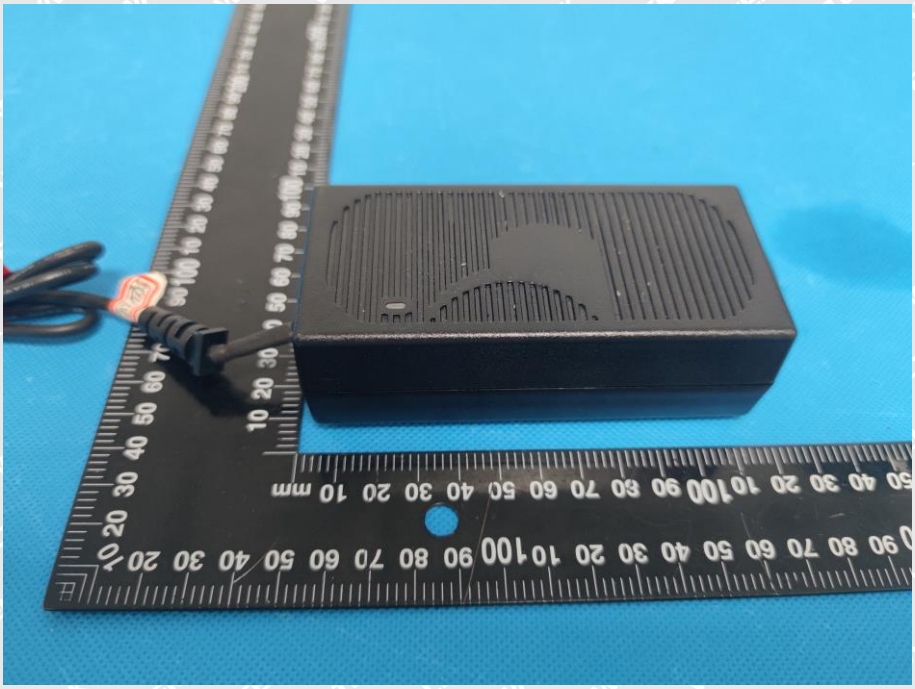
EUT View 1



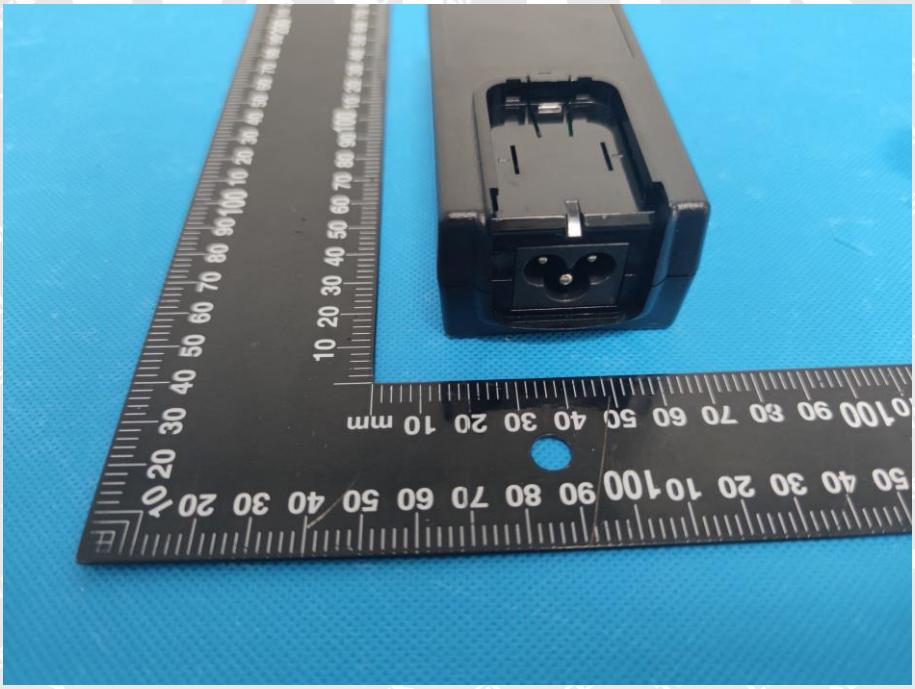
EUT View 2



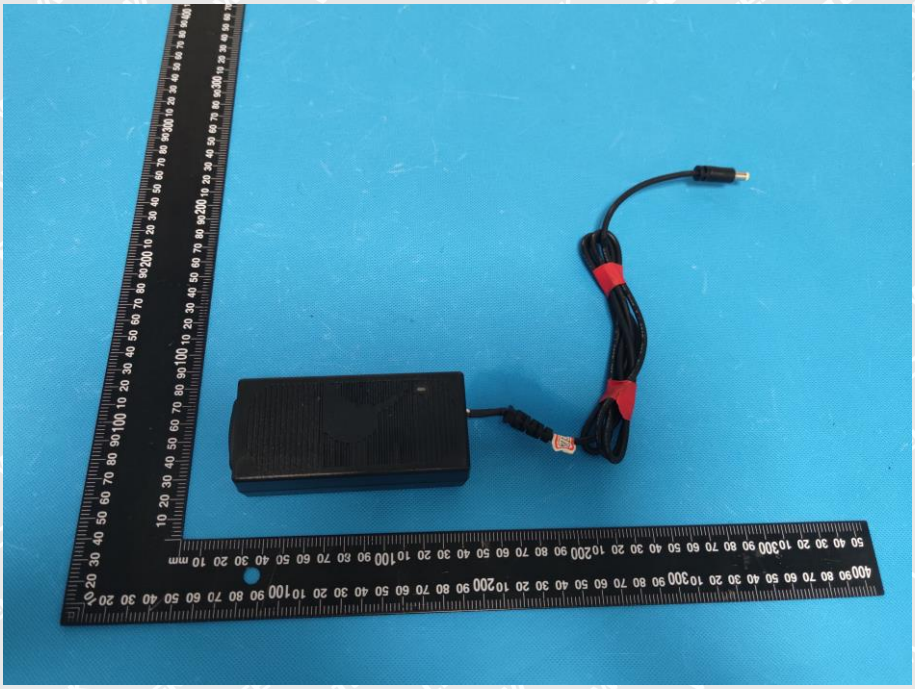
EUT View 3



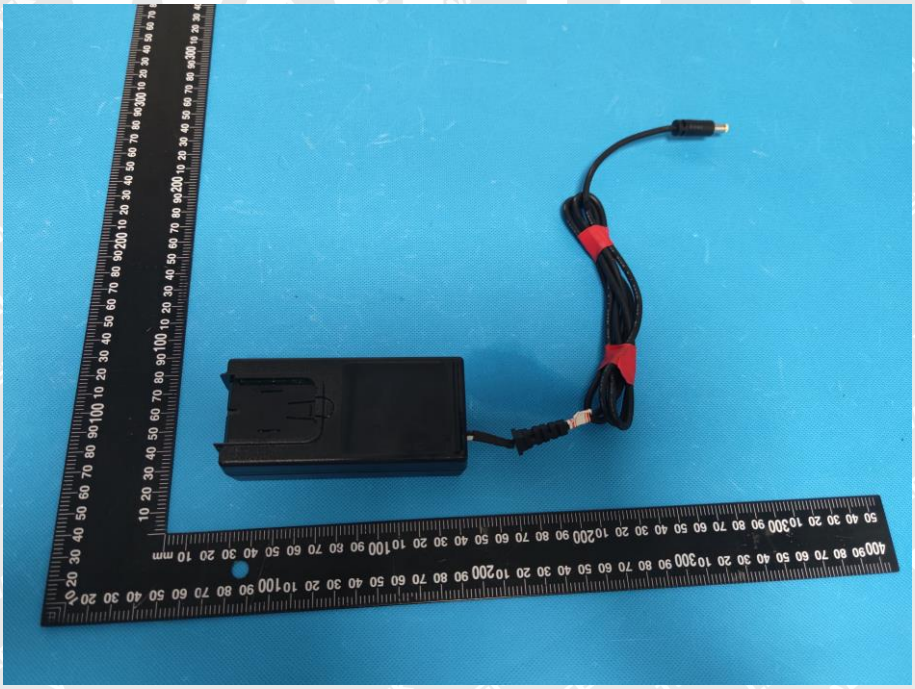
EUT View 4



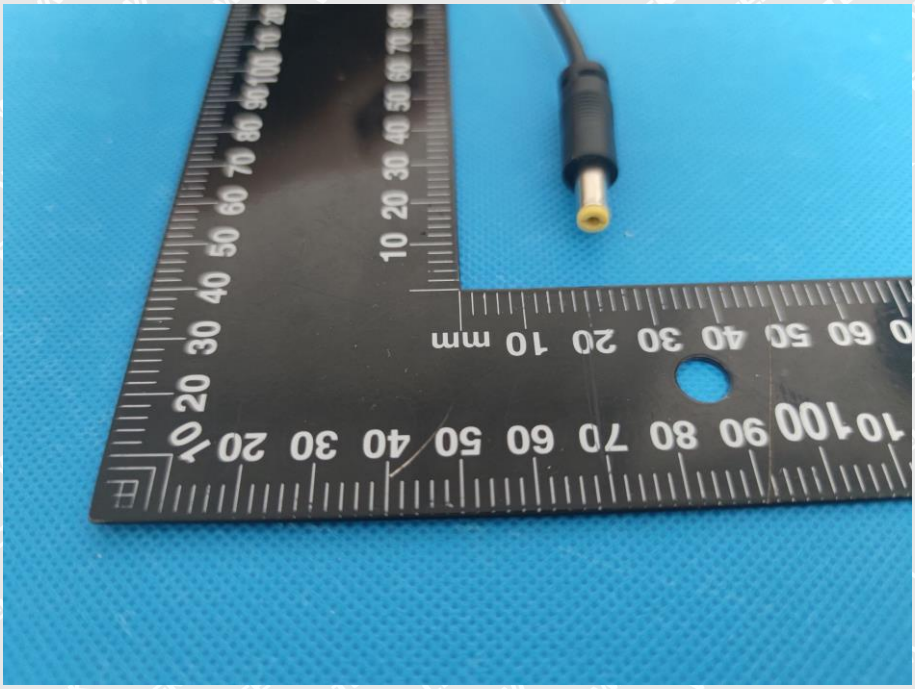
EUT View 5



EUT View 6

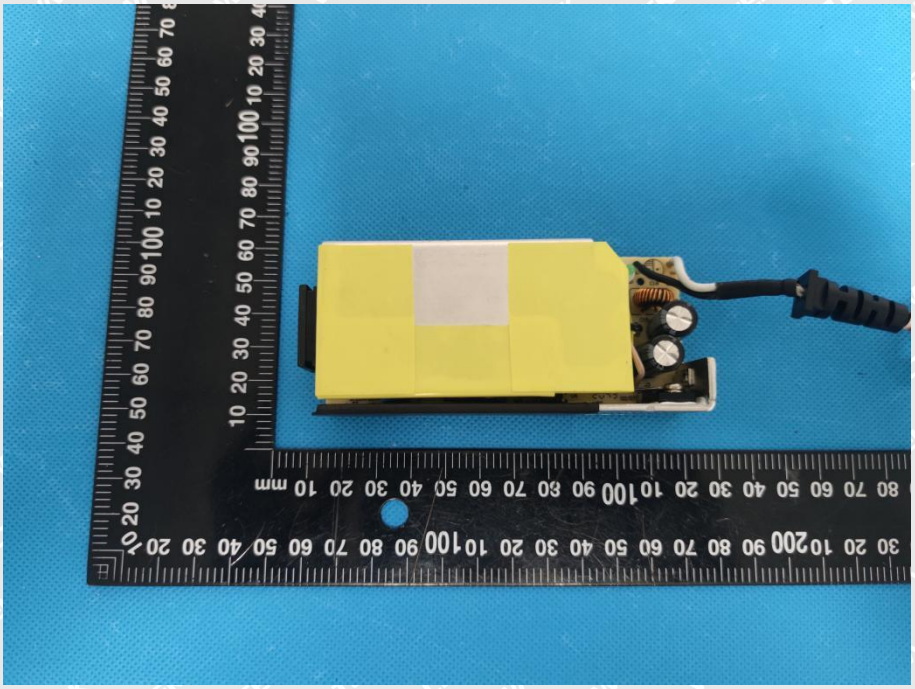


EUT View 7

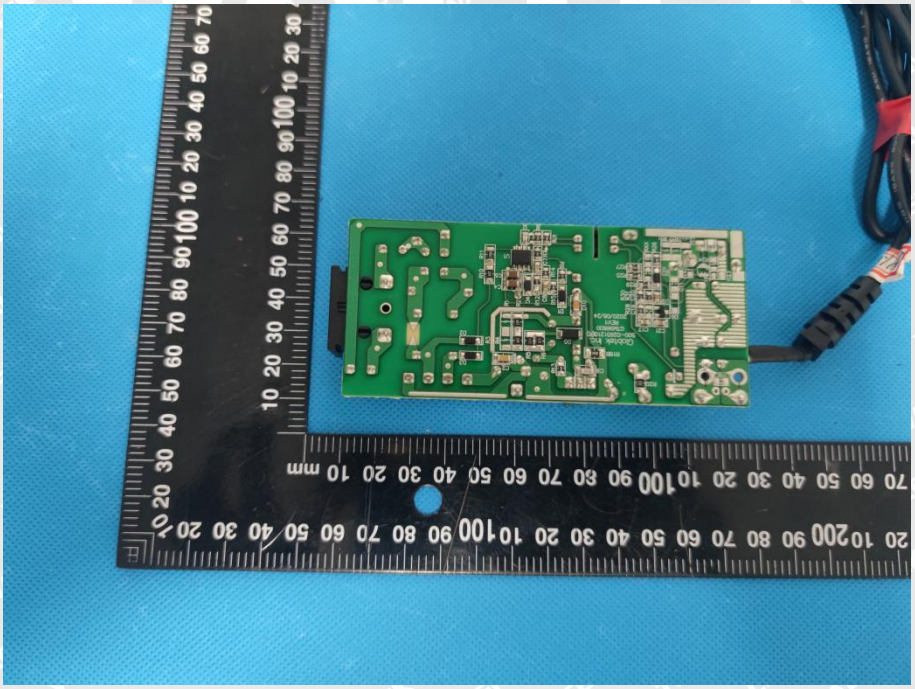


WALTEK

EUT Housing and Board View 1



Solder Board-Component View 2



GTM96600-6030-R3A-CF

EUT View 1



EUT View 2



EUT View 3



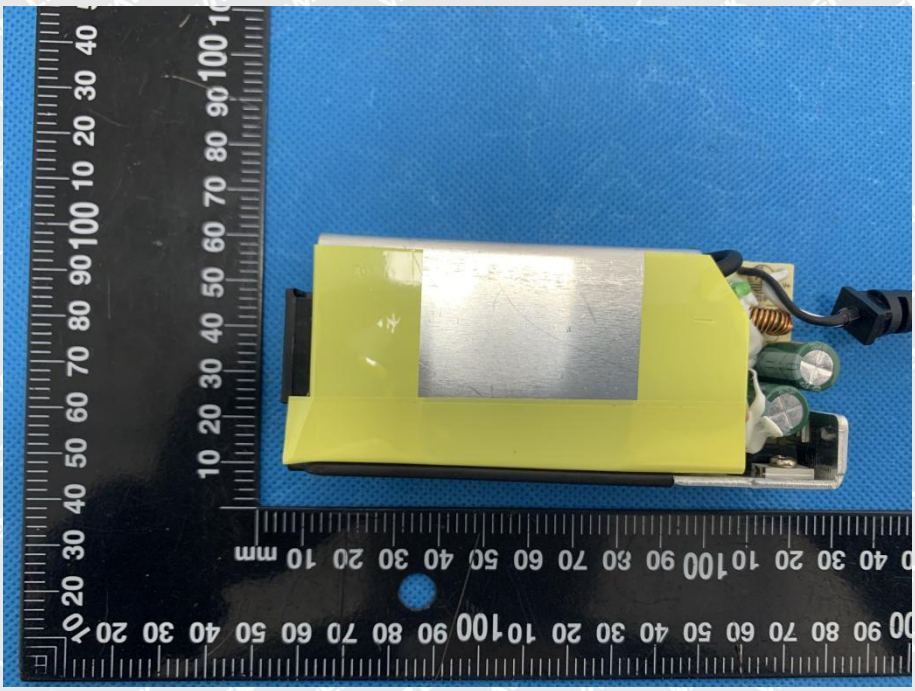
EUT View 4



EUT View 5



Solder Board-Component View 1



Solder Board-Component View 2

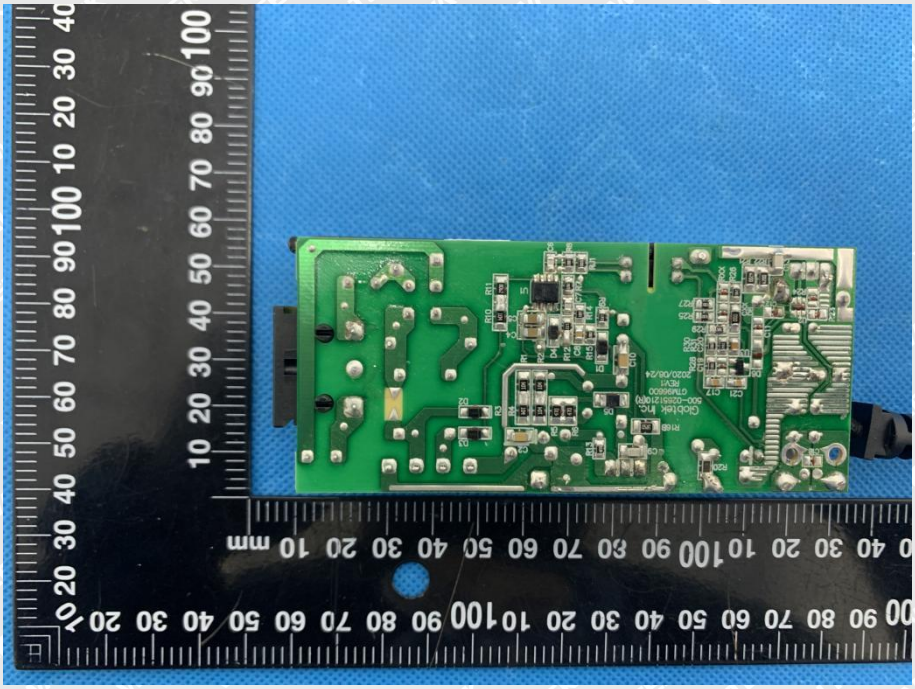
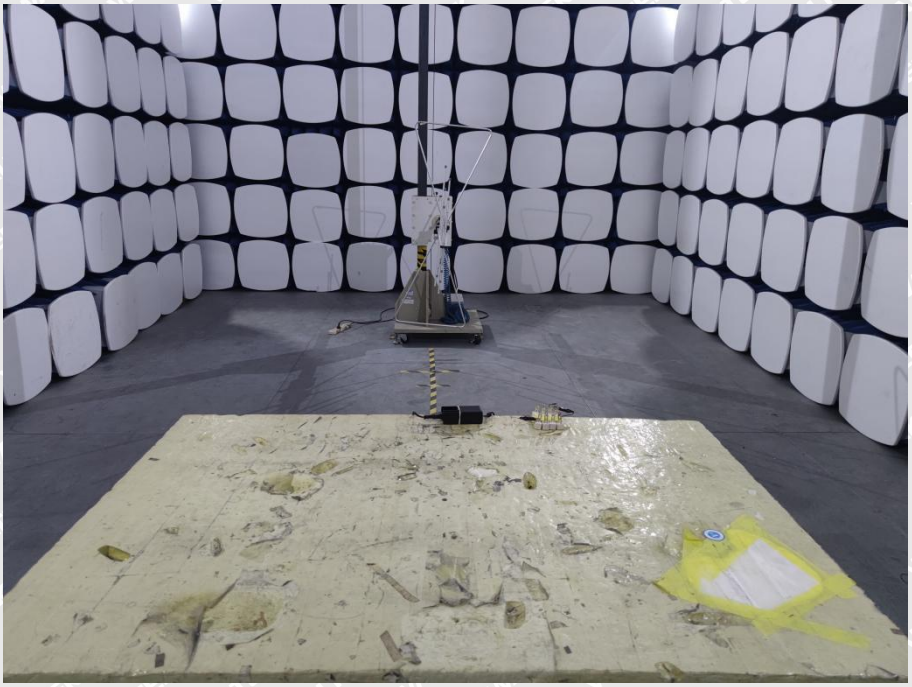


EXHIBIT 3 - TEST SETUP PHOTOGRAPHS

Conduction Emission Test View



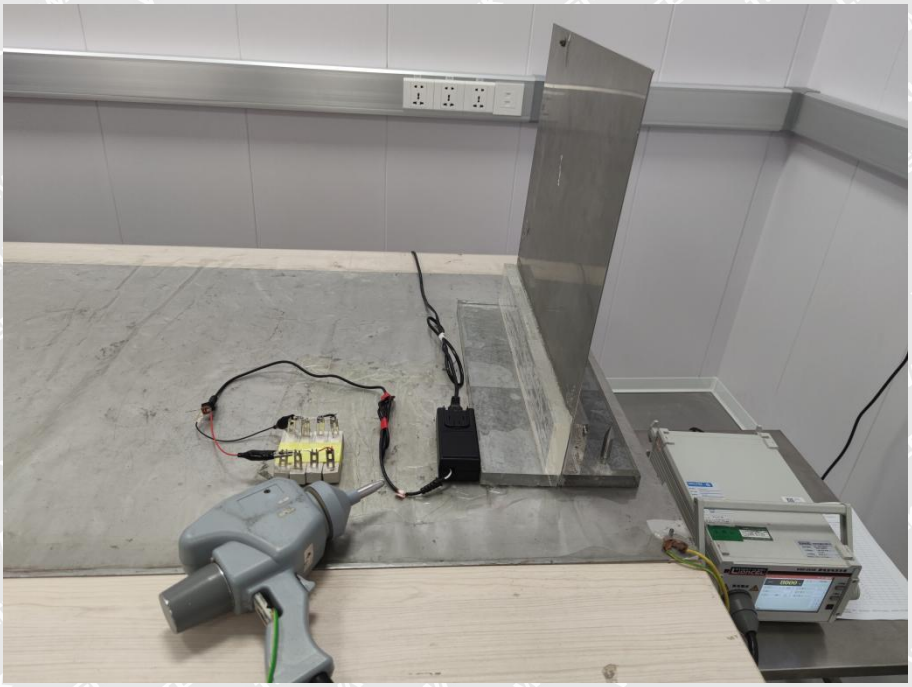
Radiation Emission Test View



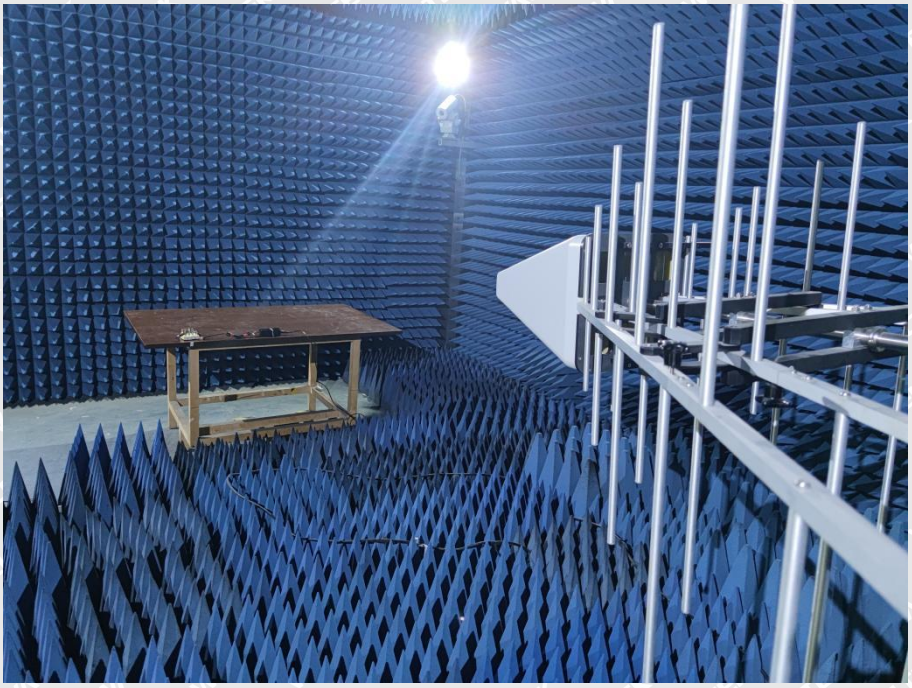
Harmonic/Flicker Test View



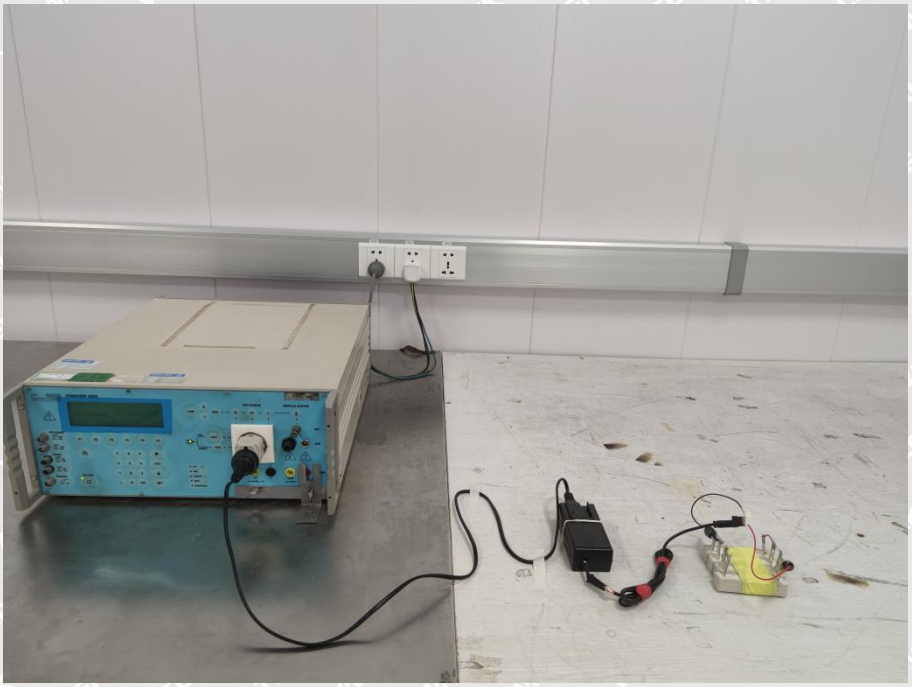
IEC 61000-4-2 Test View



IEC 61000-4-3 Test View



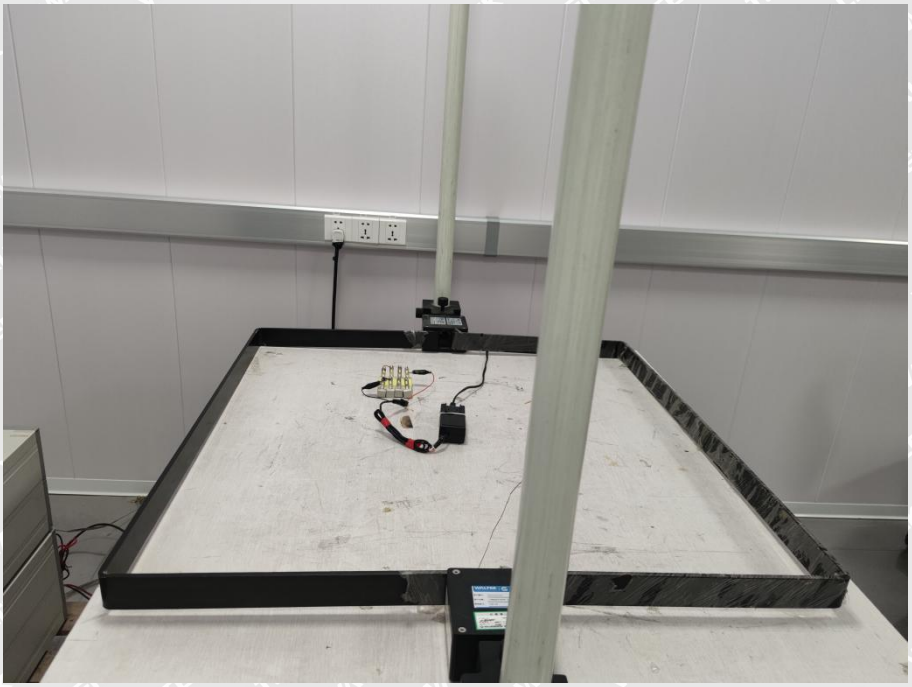
IEC 61000-4-4/5/11 Test View



IEC 61000-4-6 Test View



IEC 61000-4-8 Test View

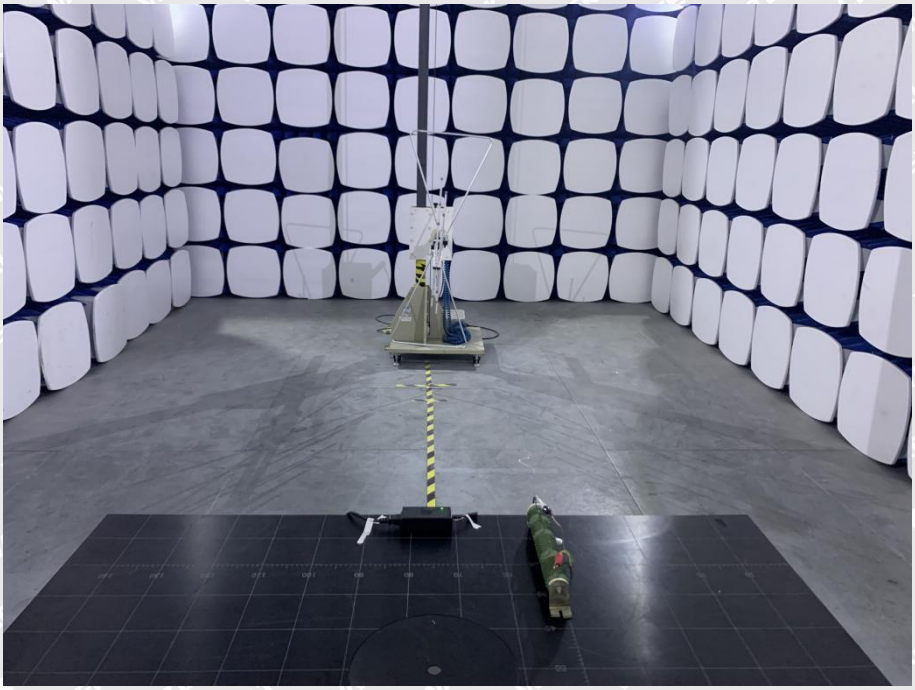


GTM96600-6030-R3A-CF

Conduction Emission Test View



Radiation Emission Test View



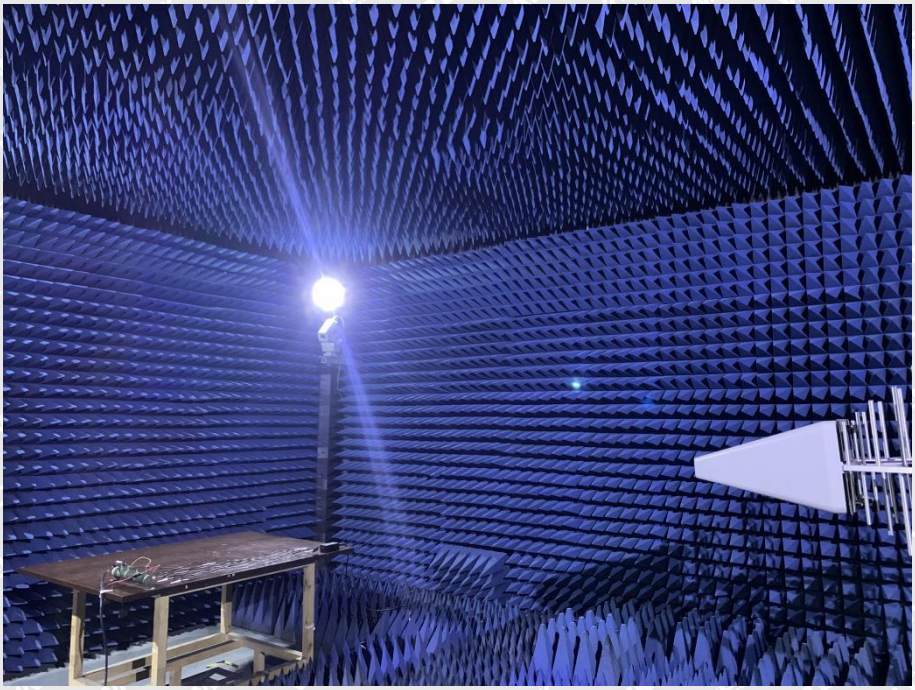
Harmonic/Flicker Test View



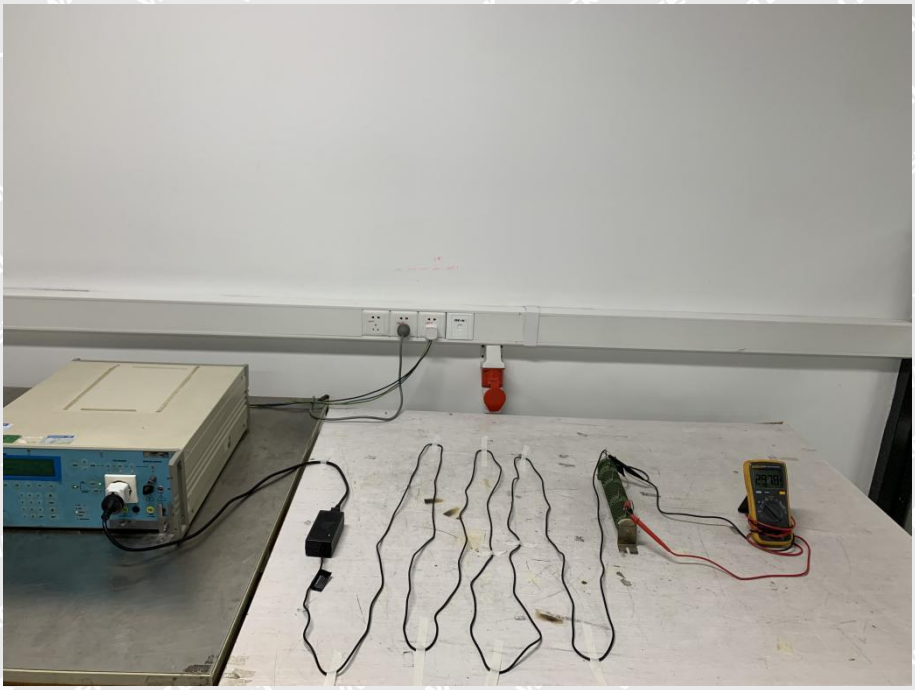
IEC 61000-4-2 Test View



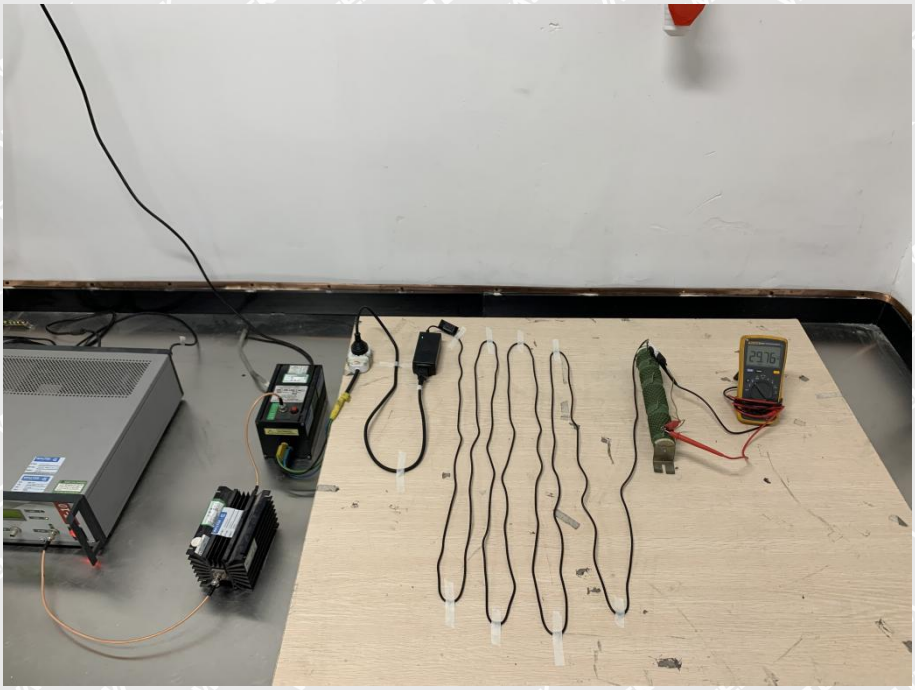
IEC 61000-4-3 Test View



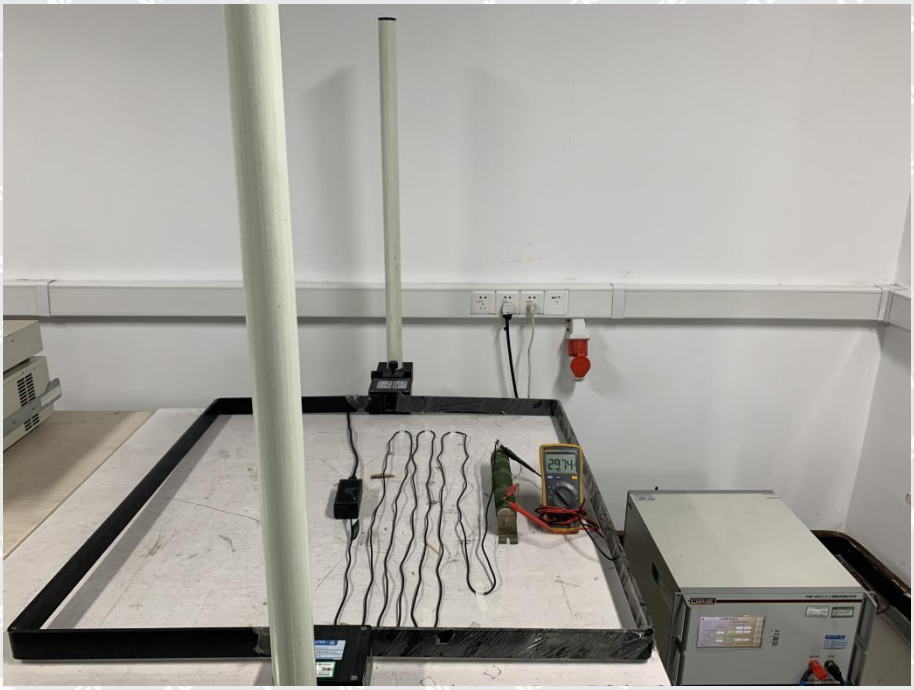
IEC 61000-4-4/5/11 Test View



IEC 61000-4-6 Test View



IEC 61000-4-8 Test View



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