



TEST REPORT

Reference No...... : WTX26X01002243E
Applicant..... : GlobTek, Inc.
Address..... : 186 Veterans Dr. Northvale, NJ 07647 USA
Manufacturer..... : GlobTek, Inc.
Address..... : 186 Veterans Dr. Northvale, NJ 07647 USA
Product Name..... : ICT/ITE Power Supply
Model No...... : GT*96180-*****, GT*96300-***** and GT*91120-*****
Standards..... : **EN 55032:2015+A11:2020**
EN 55032:2015+A1:2020
EN IEC 61000-3-2:2019+A1:2021+A2:2024
EN 61000-3-3:2013+A1:2019+A2:2021
EN 55035:2017+A11:2020
Date of Receipt sample..... : 2026-04-20
Date of Test..... : 2026-04-21 to 2026-04-24
Date of Issue..... : 2026-04-28
Test Report Form No...... : WTX_EN 55032_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 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 Email: sem@waltek.com.cn

Tested by:

Approved by:

Toby Zhang / Project Engineer

Evan Cai / Manager



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Report version

Version No.	Date of issue	Description
Rev.00	2026-04-28	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:	ICT/ITE Power Supply
Trade Name:	
Model No.:	GT*96180-*****, GT*96300-***** and GT*91120-*****
Adding Model(s):	/

Note: The sample information is provided by the customer.

*GT*96180-*****,*

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 “18”, with interval of 1.*

The 3rd “” denotes the standard rated output voltage designation, which can be “07”, “11”, “17.9”, “30”, “38”, “48”, “54” or “56”;*

The 4th “” is optional deviation, subtracted from standard output voltage, which can be “-0.01” to “-12.0” with interval of 0.01, or blank to indicate no voltage different.*

The 3rd “” and 4th “*” together denote the output voltage, with a range of 5 - 56 volts.*

The 5th “” = blank, it means wall plug in with interchangeable blade*

=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

The 6th “” = Blank or -AP or -PP or -SP*

-AP (with baby board) stands for Active POE (full IEEE compliant)

-PP (no baby board) stands for Passive POE

-SP (no baby board) stands for Simple POE

*The last * denote any six character = 0-9 or A-Z or ()[] or – or blank for marketing purposes.*

*GT*96300-***** and GT*91120-******

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 “36”, with interval of 1.*

The 3rd “” denotes the standard rated output voltage designation, which can be “07.5”, “10.5”, “14.5”, “19.5”, “24”, “36”, “48”, “54” or “56”;*

The 4th “” is optional deviation, subtracted from standard output voltage, which can be “-0.01” to “-11.9” with interval of 0.01, or blank to indicate no voltage different.*

The 3rd “” and 4th “*” together denote the output voltage, with a range of 5 - 56 volts.*



The 5th "*" = -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
 = -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
 The 6th "*" = Blank or -AP or -PP or -SP
 -AP (with baby board) stands for Active POE (full IEEE compliant)
 -PP (no baby board) stands for Passive POE
 -SP (no baby board) stands for Simple POE
 The last * denote any six character = 0-9 or A-Z or ()[] or – or blank for marketing purposes.

Technical Characteristics of EUT	
Power Supply:	AC 100-240V, 50-60Hz or 50/60Hz
Power Adaptor:	/
Cable:	Model: GTM96180-1807-2.0-T3, DC Cable *1 (Length 1.25m, Unshielded, Without Ferrite, Without Chip) Model: GTM91120-3014.5-2.5-T3A, DC Cable *1 (Length 1.85m, Unshielded, With Ferrite, Without Chip) Model: GTM96300-3624-R2, DC Cable *1 (Length 1.55m, Unshielded, Without Ferrite, Without Chip)
Rated Power:	/
Rated Current:	3.6A, 2.5A, 1.5A
Highest Internal Frequency:	Below 108MHz
Classification of Equipment:	Class B
Note: The data provided by the customer and can affect the validity of results.	



1.2 Test Standards

The tests were performed according to following standards:

EN 55032:2015+A11:2020: Electromagnetic compatibility of multimedia equipment - Emission requirements

EN 55032:2015+A1:2020: Electromagnetic compatibility of multimedia equipment - Emission requirements

EN IEC 61000-3-2:2019+A1:2021+A2:2024: Electromagnetic compatibility (EMC) -- Part 3-2: Limits - Limits for harmonic current emissions (equipment input current up to and including 16A per phase)

EN 61000-3-3:2013+A1:2019+A2:2021: Electromagnetic compatibility (EMC) -- Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16A$ per phase and not subject to conditional connection

EN 55035:2017+A11:2020: Electromagnetic compatibility of multimedia equipment - Immunity requirements.

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	TM1 Adapter Model: GTM96180-1807-2.0-T3	Working Mode: AC 230V/50Hz (Output port is connected to Cement load)
TM2	TM2 Adapter Model: GTM96180-1807-2.0-T3	Working Mode: AC 120V/60Hz (Output port is connected to Cement load)
TM3	TM3 Adapter Model: GTM91120-3014.5-2.5-T3A	Working Mode: AC 230V/50Hz (Output port is connected to Cement load)
TM4	TM4 Adapter Model: GTM91120-3014.5-2.5-T3A	Working Mode: AC 120V/60Hz (Output port is connected to Cement load)
TM5	TM5 Adapter Model: GTM96300-3624-R2	Working Mode: AC 230V/50Hz (Output port is connected to Cement load)
TM6	TM6 Adapter Model: GTM96300-3624-R2	Working Mode: AC 120V/60Hz (Output port is connected to Cement load)

Auxiliary Equipment List and Details

Description	Manufacturer	Model	Serial Number
Cement load	/	/	/

Special Cable List and Details

Cable Description	Length(m)	Shielded/Unshielded	With / Without Ferrite	With / Without Chip
/	/	/	/	/

1.5 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions (AC Mains 150k - 30MHz)	±3.34dB
Radiated Emissions (30M - 1000MHz)	30MHz to 1GHz: ±5.36dB



1.6 Test Equipment List and Details

Conducted emissions from AC mains power ports (150kHz-30MHz)						
Internal No.	Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
WTXE1003A10 01	AC LISN	Schwarz beck	NSLK8126	8126-279	2026-02-05	2027-02-04
WTXE1002A10 01	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100911	2026-02-05	2027-02-04
WTXE1104A102 9	EMI Test Receiver	Rohde & Schwarz	ESCI	100525	2025-11-25	2026-11-24
/	EMI Test Software/EZ-EMC	Farad	3A1*CE-RE	1.1.4.3	/	/

Radiated emissions (30MHz-1GHz)						
Internal No.	Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
WTXE1001A10 02	EMI Test Receiver	Rohde & Schwarz	ESPI	101391	2026-02-05	2027-02-04
WTXE1038A10 01	Amplifier	Agilent	8447D	2944A1045 7	2026-02-05	2027-02-04
WTXE1010A10 06	Trilog Broadband Antenna	Schwarz beck	VULB9163 (B)	9163-635	2024-03-17	2027-03-16
/	EMI Test Software/EZ-EMC	Farad	RA-03A1	1.1.4.2	/	/

Voltage fluctuations and flicker						
Internal No.	Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
WTXE1031A10 01	Power Source	California Instrument	5001IX-CTS-400	60077	2026-02-06	2027-02-05
WTXE1030A10 01	Digital Power Analyzer	California Instrument	CTS	72831	2026-02-06	2027-02-05
/	Test Software/CTS4	AMETEK	/	4.37	/	/

Electrostatic discharges						
Internal No.	Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
WTXE1077A10 01	ESD Generator	LIONCEL	ESD-203B	0170901	2025-11-25	2026-11-24



RF electromagnetic field disturbances						
Internal No.	Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
WTXE1101A100 1	Power Meter	Agilent	E4419B	GB42420578	2026-02-05	2027-02-04
WTXE1088A10 01-1	Antenna	SCHWARZBECK	STLP 9129	9129 114	/	/
WTXE1003A1-0 01	RF Power Amplifier	MicoTop	MPA-1000-6000-100	MPA1906238	2026-02-05	2027-02-04
WTXE1003A1-0 02	RF Power Amplifier	MicoTop	MPA-80-1000-250	MPA1906239	2026-02-05	2027-02-04
WTXE1102A100 2	Power Sensor	Agilent	E9304A	MY55081055	2026-02-05	2027-02-04
WTXE1102A100 1	Power Sensor	Agilent	E9301A	MY52450001	2026-02-05	2027-02-04
WTXE1002A1-0 01	Signal Generator	HP	8665B	3438A00604	2026-02-05	2027-02-04
/	Test Software/EM3	EMtrace	/	V1.2.9.1	/	/

Electrical fast transients / burst for AC mains power ports						
Internal No.	Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
WTXE1104A105 3	EFT Generator	EVERFINE	EMS61000-4A	P635789CS1441117	2026-02-05	2027-02-04

Surges for AC mains power ports						
Internal No.	Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
WTXE1104A104 9	Surge Generator	EVERFINE	EMS61000-5A	P612004TD1441112	2026-02-05	2027-02-04



Continuous induced RF disturbances for AC mains power ports (150kHz-80MHz)						
Internal No.	Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
WTXE1098A10 01	EM Clamp	TESEQ	KEMZ801A	45028	2026-02-05	2027-02-04
WTXE1025A10 02	CDN	LIONCEL	CDN-T8	0210401	2026-02-05	2027-02-04
WTXE1025A10 01	CDN	Luthi	L-801M2/M3	2665	2026-02-05	2027-02-04
WTXE1024A10 01	Attenuator	EMTEST	MA-5100/6B F2	1009	2026-02-05	2027-02-04
WTXE1023A10 02	CONDUCT ED IMMUN ITY TEST SYSTEM	FRANKONIA	CIT-10/75	126B1247/2 013	2026-02-05	2027-02-04
/	Test Softwa re/EMC-S	SKET	/	V1.4.0.16	/	/

Power frequency magnetic field						
Internal No.	Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
WTXE1079A10 03	Instantaneo us PMF G enerator M odule	LIONCEL	PMF-801C-T	0171001	2026-02-05	2027-02-04
WTXE1079A10 02	PMF Anten na	LIONCEL	PMF-801C-A	0180302	2026-02-05	2027-02-04
WTXE1079A10 01	PMF Gener ator	LIONCEL	PMF-801C-C	0171101	2026-02-05	2027-02-04

Voltage dips and interruptions						
Internal No.	Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
WTXE1104A105 4	Voltage sag generator	EVERFINE	EMS61000-1 1C	P660569C M1451112	2026-02-05	2027-02-04



2. SUMMARY OF TEST RESULTS

Item	Standard	Method	Result
Conducted emissions from AC mains power ports (150kHz-30MHz)	EN 55032:2015+A11:2020 EN 55032:2015+A1:2020	EN 55032:2015+A11:2020 EN 55032:2015+A1:2020	Compliant
Radiated emissions (30MHz-1GHz)	EN 55032:2015+A11:2020 EN 55032:2015+A1:2020	EN 55032:2015+A11:2020 EN 55032:2015+A1:2020	Compliant
Harmonic current emission	EN IEC 61000-3-2:2019+A1:2021+A2:2024	EN IEC 61000-3-2:2019+A1:2021+A2:2024	Compliant
Voltage fluctuations and flicker	EN 61000-3-3:2013+A1:2019+A2:2021	EN 61000-3-3:2013+A1:2019+A2:2021	Compliant
Electrostatic discharges	EN 55035:2017+A11:2020	EN 61000-4-2: 2009	Compliant
RF electromagnetic field disturbances	EN 55035:2017+A11:2020	EN IEC 61000-4-3: 2020	Compliant
Electrical fast transients / burst for AC mains power ports	EN 55035:2017+A11:2020	EN 61000-4-4: 2012	Compliant
Surges for AC mains power ports	EN 55035:2017+A11:2020	EN 61000-4-5: 2014 +A1: 2017	Compliant
Continuous induced RF disturbances for AC mains power ports (150kHz-80MHz)	EN 55035:2017+A11:2020	EN 61000-4-6: 2014	Compliant
Power frequency magnetic field	EN 55035:2017+A11:2020	EN 61000-4-8: 2010	Compliant
Voltage dips and interruptions	EN 55035:2017+A11:2020	EN IEC 61000-4-11: 2020	Compliant



3. Evaluation Results (Evaluation)

3.1 Harmonic current emission

Test Requirement:	Class A
Test Limit:	Not specified
Test Method:	EN IEC 61000-3-2:2019+A1:2021+A2:2024

3.1.1 E.U.T. Operation

Environmental Conditions	
Temperature:	23.6 °C
Relative Humidity:	55.8 %
Atmospheric Pressure:	101.49 kPa
Test mode:	TM1, TM3, TM5

3.1.2 Summary of Test Results

Refer to EN IEC 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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4.1 Conducted emissions from AC mains power ports (150kHz-30MHz)

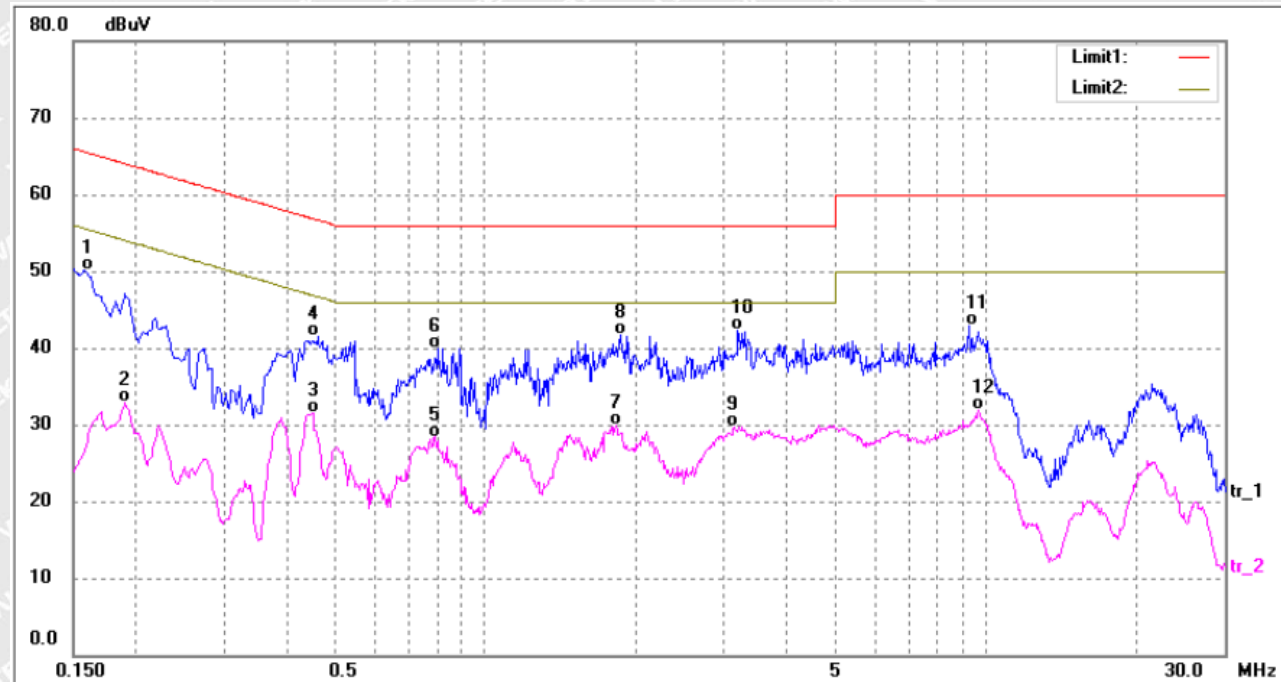
4.1.1 E.U.T. Operation

4.1.2 Basic Test Setup Block Diagram





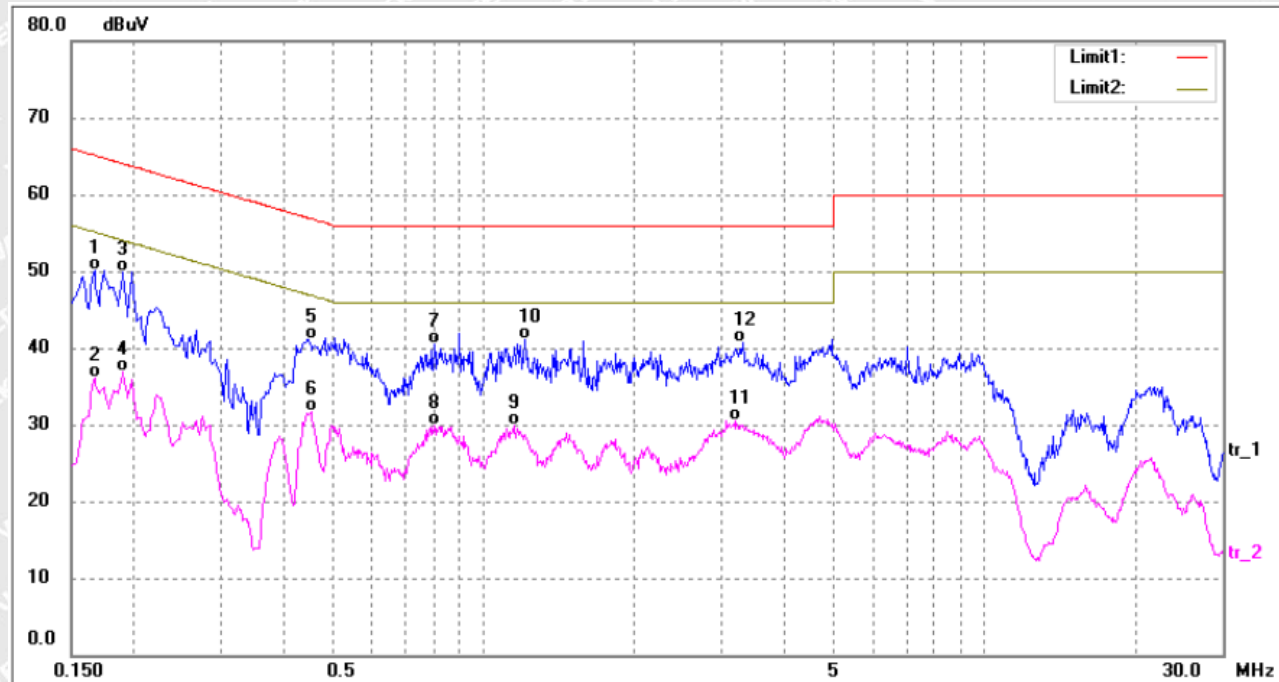
TM1 / Line: Line



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1580	39.69	10.44	50.13	65.56	-15.43	QP
2	0.1900	22.53	10.36	32.89	54.03	-21.14	AVG
3	0.4500	21.26	10.29	31.55	46.87	-15.32	AVG
4	0.4620	31.18	10.30	41.48	56.66	-15.18	QP
5	0.7940	18.22	10.18	28.40	46.00	-17.60	AVG
6	0.8020	29.71	10.17	39.88	56.00	-16.12	QP
7	1.8220	19.47	10.39	29.86	46.00	-16.14	AVG
8	1.8660	31.30	10.41	41.71	56.00	-14.29	QP
9	3.1420	19.46	10.32	29.78	46.00	-16.22	AVG
10*	3.1900	31.93	10.33	42.26	56.00	-13.74	QP
11	9.2540	32.65	10.30	42.95	60.00	-17.05	QP
12	9.6940	21.59	10.32	31.91	50.00	-18.09	AVG



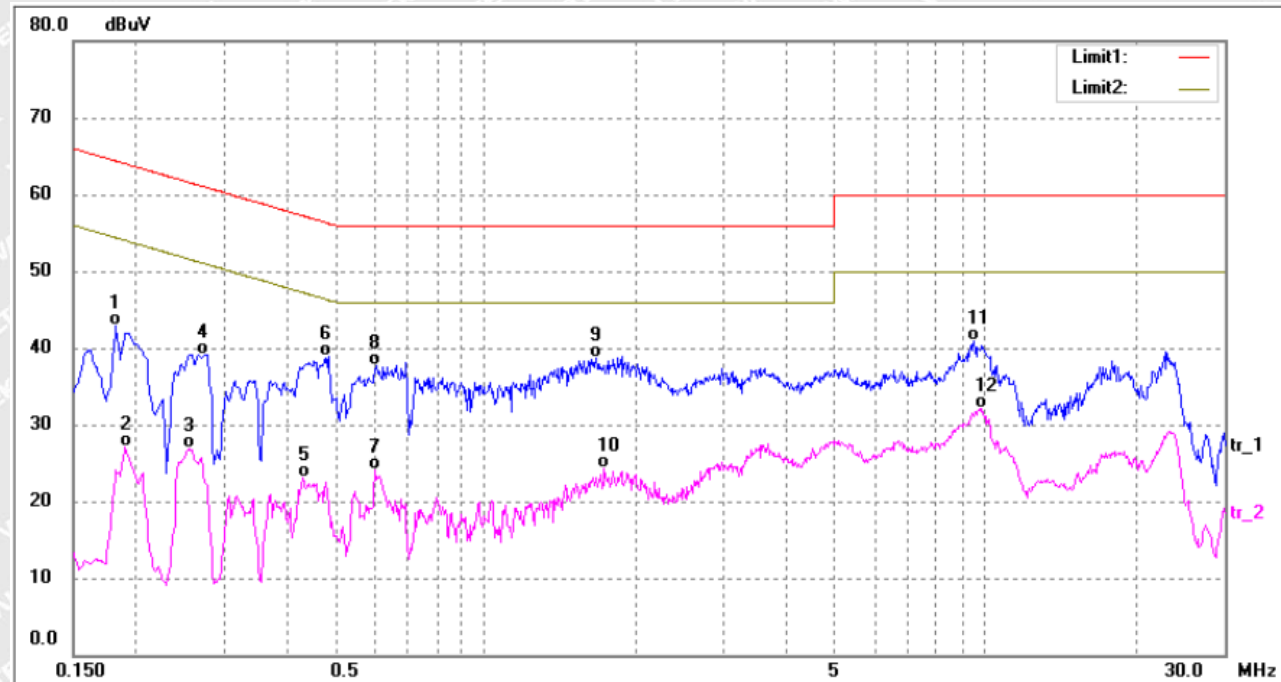
TM1 / Line: Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1660	39.70	10.42	50.12	65.15	-15.03	QP
2	0.1660	25.67	10.42	36.09	55.15	-19.06	AVG
3*	0.1900	39.55	10.36	49.91	64.03	-14.12	QP
4	0.1900	26.55	10.36	36.91	54.03	-17.12	AVG
5	0.4460	30.88	10.28	41.16	56.95	-15.79	QP
6	0.4500	21.34	10.29	31.63	46.87	-15.24	AVG
7	0.7980	30.35	10.17	40.52	56.00	-15.48	QP
8	0.7980	19.65	10.17	29.82	46.00	-16.18	AVG
9	1.1500	19.83	10.14	29.97	46.00	-16.03	AVG
10	1.2100	30.88	10.16	41.04	56.00	-14.96	QP
11	3.1820	20.22	10.33	30.55	46.00	-15.45	AVG
12	3.3100	30.42	10.35	40.77	56.00	-15.23	QP



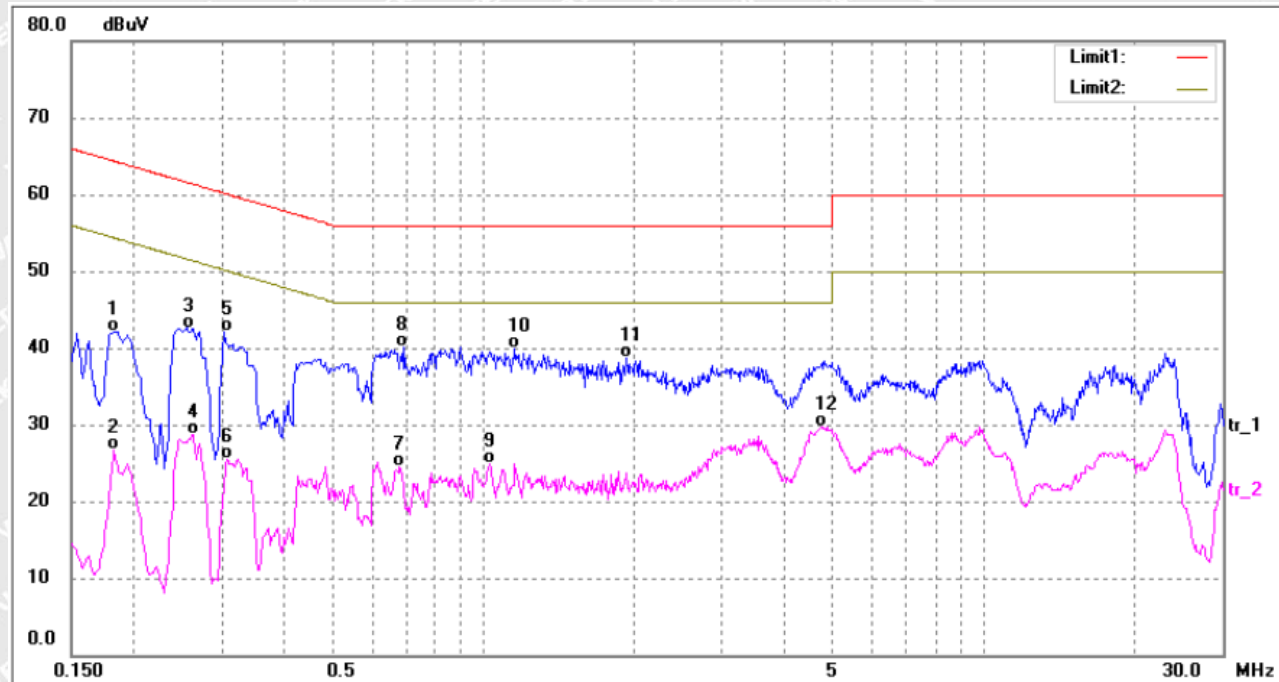
TM2 / Line: Line



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1819	32.56	10.39	42.95	64.39	-21.44	QP
2	0.1900	16.77	10.36	27.13	54.03	-26.90	AVG
3	0.2540	16.57	10.32	26.89	51.62	-24.73	AVG
4	0.2660	28.81	10.32	39.13	61.24	-22.11	QP
5	0.4300	12.86	10.28	23.14	47.25	-24.11	AVG
6	0.4860	28.53	10.31	38.84	56.24	-17.40	QP
7	0.6020	13.68	10.36	24.04	46.00	-21.96	AVG
8	0.6060	27.44	10.35	37.79	56.00	-18.21	QP
9*	1.6700	28.37	10.34	38.71	56.00	-17.29	QP
10	1.7340	14.04	10.36	24.40	46.00	-21.60	AVG
11	9.4660	30.53	10.31	40.84	60.00	-19.16	QP
12	9.8180	21.85	10.32	32.17	50.00	-17.83	AVG



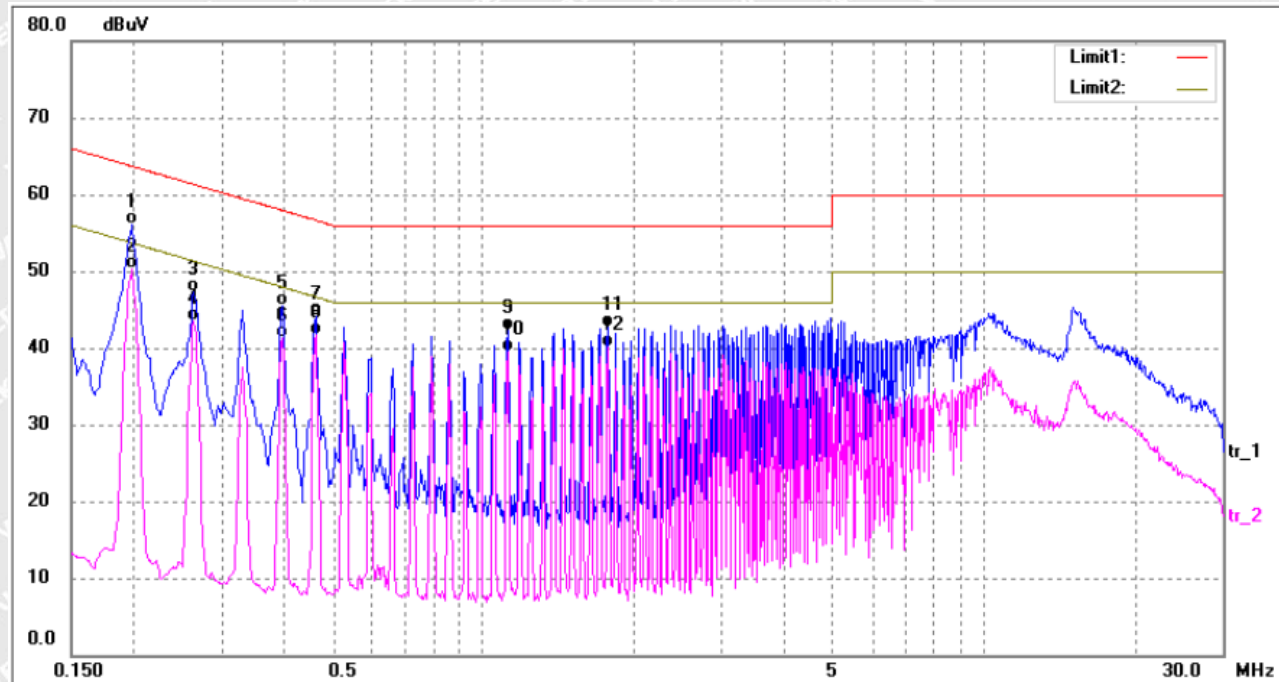
TM2 / Line: Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1819	31.80	10.39	42.19	64.39	-22.20	QP
2	0.1819	16.40	10.39	26.79	54.39	-27.60	AVG
3	0.2540	32.28	10.32	42.60	61.62	-19.02	QP
4	0.2620	18.41	10.32	28.73	51.36	-22.63	AVG
5	0.3020	31.82	10.30	42.12	60.19	-18.07	QP
6	0.3060	15.28	10.30	25.58	50.08	-24.50	AVG
7	0.6820	14.28	10.28	24.56	46.00	-21.44	AVG
8*	0.6940	29.85	10.27	40.12	56.00	-15.88	QP
9	1.0300	14.86	10.09	24.95	46.00	-21.05	AVG
10	1.1580	29.69	10.14	39.83	56.00	-16.17	QP
11	1.9300	28.23	10.43	38.66	56.00	-17.34	QP
12	4.7340	19.09	10.58	29.67	46.00	-16.33	AVG



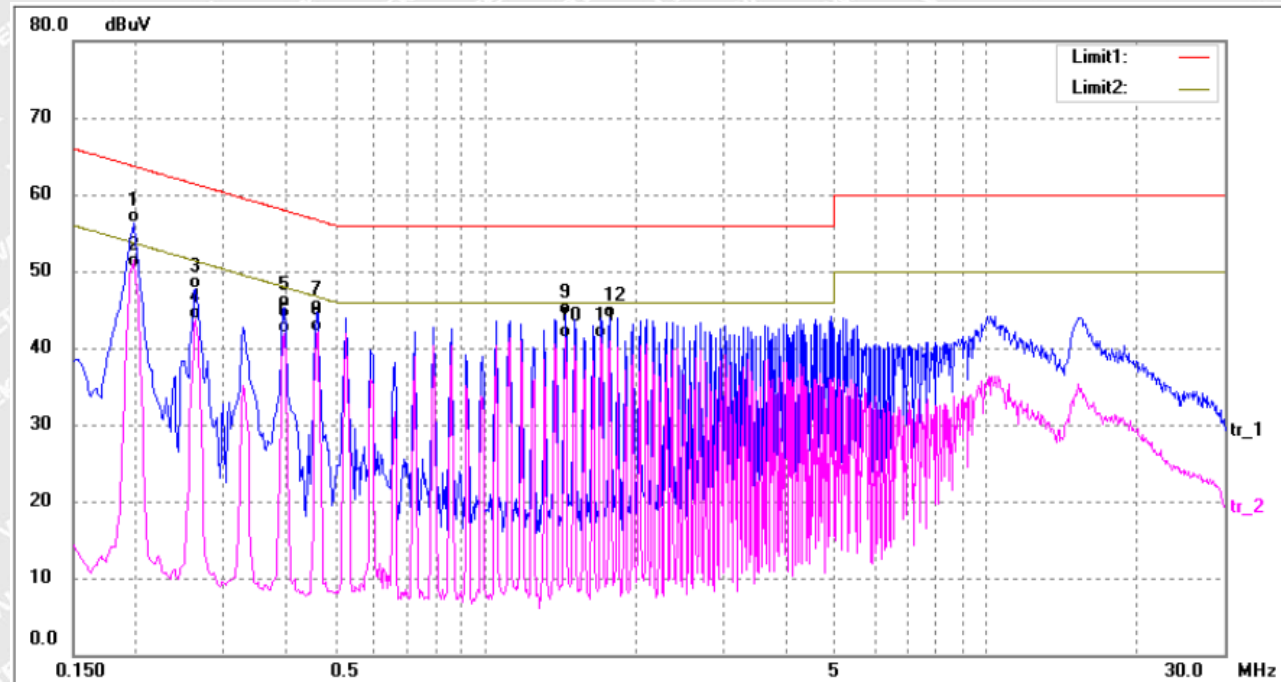
TM3 / Line: Line



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1980	45.87	10.14	56.01	63.69	-7.68	QP
2*	0.1980	40.09	10.14	50.23	53.69	-3.46	AVG
3	0.2620	37.01	10.24	47.25	61.36	-14.11	QP
4	0.2620	33.18	10.24	43.42	51.36	-7.94	AVG
5	0.3940	35.07	10.45	45.52	57.98	-12.46	QP
6	0.3940	30.83	10.45	41.28	47.98	-6.70	AVG
7	0.4620	33.72	10.44	44.16	56.66	-12.50	QP
8	0.4620	31.19	10.44	41.63	46.66	-5.03	AVG
9	1.1180	31.81	10.47	42.28	56.00	-13.72	QP
10	1.1180	29.01	10.47	39.48	46.00	-6.52	AVG
11	1.7740	32.30	10.38	42.68	56.00	-13.32	QP
12	1.7740	29.63	10.38	40.01	46.00	-5.99	AVG



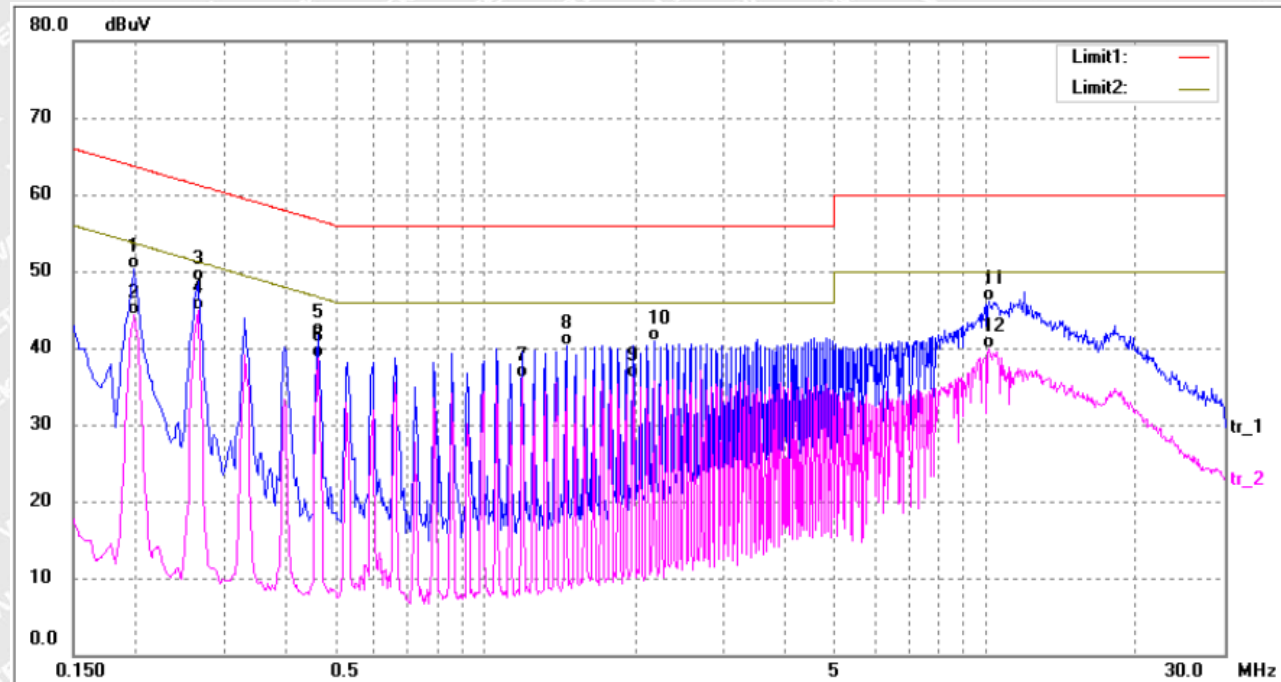
TM3 / Line: Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1980	46.17	10.14	56.31	63.69	-7.38	QP
2*	0.1980	40.37	10.14	50.51	53.69	-3.18	AVG
3	0.2620	37.54	10.24	47.78	61.36	-13.58	QP
4	0.2620	33.45	10.24	43.69	51.36	-7.67	AVG
5	0.3940	34.93	10.45	45.38	57.98	-12.60	QP
6	0.3940	31.43	10.45	41.88	47.98	-6.10	AVG
7	0.4580	34.20	10.44	44.64	56.73	-12.09	QP
8	0.4620	31.69	10.44	42.13	46.66	-4.53	AVG
9	1.4460	33.84	10.43	44.27	56.00	-11.73	QP
10	1.4460	30.85	10.43	41.28	46.00	-4.72	AVG
11	1.7060	30.81	10.40	41.21	46.00	-4.79	AVG
12	1.7740	33.60	10.38	43.98	56.00	-12.02	QP



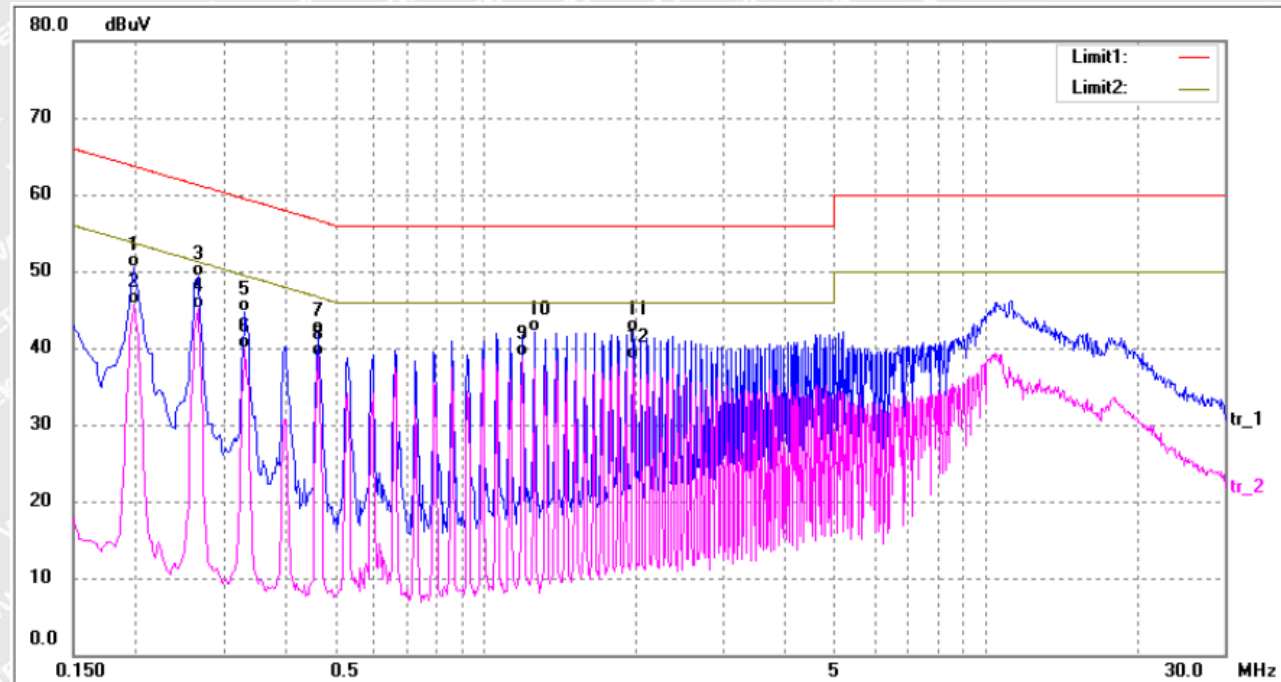
TM4 / Line: Line



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1980	40.23	10.14	50.37	63.69	-13.32	QP
2	0.1980	34.20	10.14	44.34	53.69	-9.35	AVG
3	0.2660	38.38	10.25	48.63	61.24	-12.61	QP
4*	0.2660	34.67	10.25	44.92	51.24	-6.32	AVG
5	0.4620	31.18	10.44	41.62	56.66	-15.04	QP
6	0.4620	28.23	10.44	38.67	46.66	-7.99	AVG
7	1.1860	25.64	10.46	36.10	46.00	-9.90	AVG
8	1.4500	29.82	10.42	40.24	56.00	-15.76	QP
9	1.9780	25.75	10.36	36.11	46.00	-9.89	AVG
10	2.1740	30.54	10.33	40.87	56.00	-15.13	QP
11	10.1459	35.47	10.62	46.09	60.00	-13.91	QP
12	10.1459	29.34	10.62	39.96	50.00	-10.04	AVG



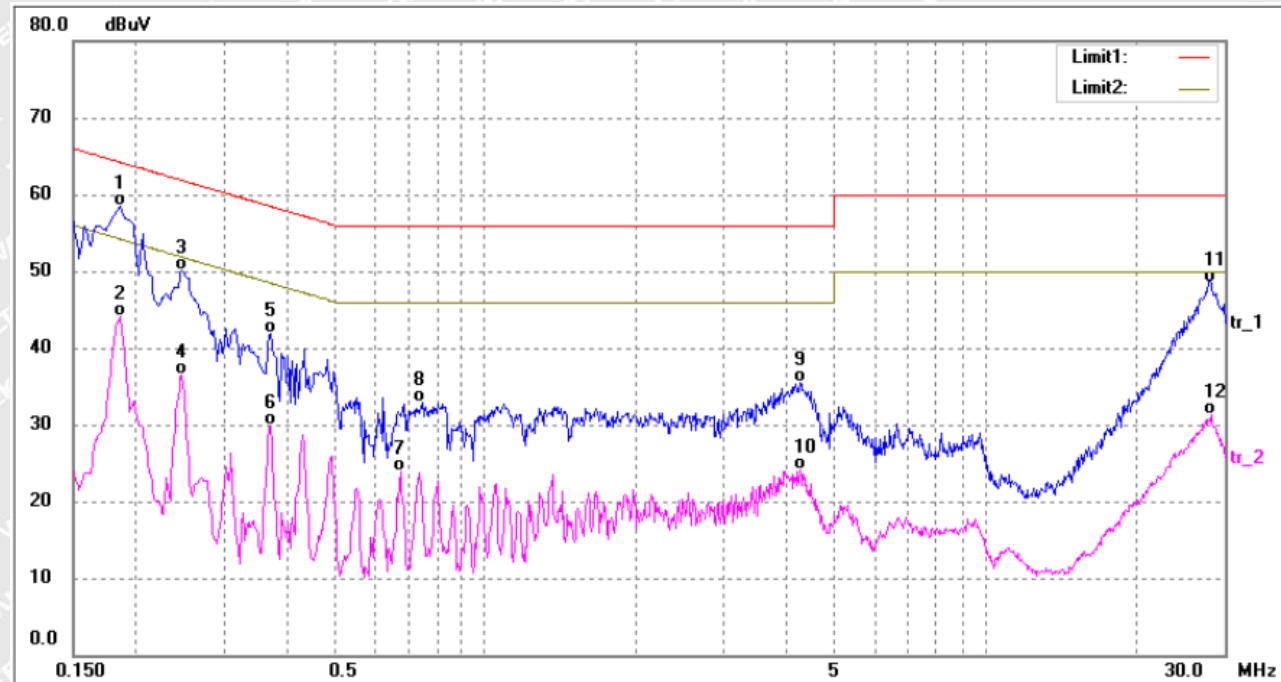
TM4 / Line: Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1980	40.41	10.14	50.55	63.69	-13.14	QP
2	0.1980	35.59	10.14	45.73	53.69	-7.96	AVG
3	0.2660	38.96	10.25	49.21	61.24	-12.03	QP
4*	0.2660	34.82	10.25	45.07	51.24	-6.17	AVG
5	0.3300	34.38	10.34	44.72	59.45	-14.73	QP
6	0.3300	29.65	10.34	39.99	49.45	-9.46	AVG
7	0.4620	31.40	10.44	41.84	56.66	-14.82	QP
8	0.4620	28.46	10.44	38.90	46.66	-7.76	AVG
9	1.1860	28.45	10.46	38.91	46.00	-7.09	AVG
10	1.2540	31.57	10.44	42.01	56.00	-13.99	QP
11	1.9780	31.68	10.36	42.04	56.00	-13.96	QP
12	1.9780	28.11	10.36	38.47	46.00	-7.53	AVG



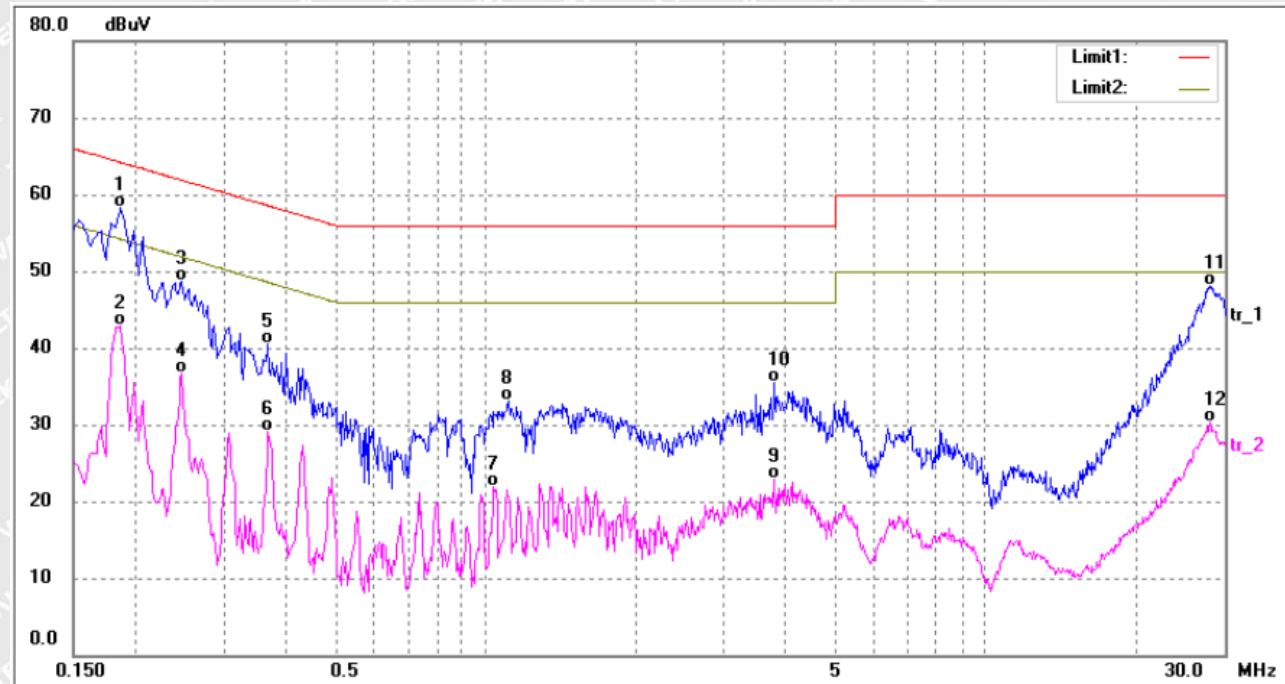
TM5 / Line: Line



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1*	0.1860	48.17	10.38	58.55	64.21	-5.66	QP
2	0.1860	33.75	10.38	44.13	54.21	-10.08	AVG
3	0.2460	39.77	10.32	50.09	61.89	-11.80	QP
4	0.2460	26.24	10.32	36.56	51.89	-15.33	AVG
5	0.3700	31.69	10.28	41.97	58.50	-16.53	QP
6	0.3700	19.67	10.28	29.95	48.50	-18.55	AVG
7	0.6780	13.61	10.28	23.89	46.00	-22.11	AVG
8	0.7500	22.62	10.21	32.83	56.00	-23.17	QP
9	4.2500	24.96	10.53	35.49	56.00	-20.51	QP
10	4.2500	13.50	10.53	24.03	46.00	-21.97	AVG
11	27.9020	37.50	10.91	48.41	60.00	-11.59	QP
12	28.2100	20.29	10.92	31.21	50.00	-18.79	AVG



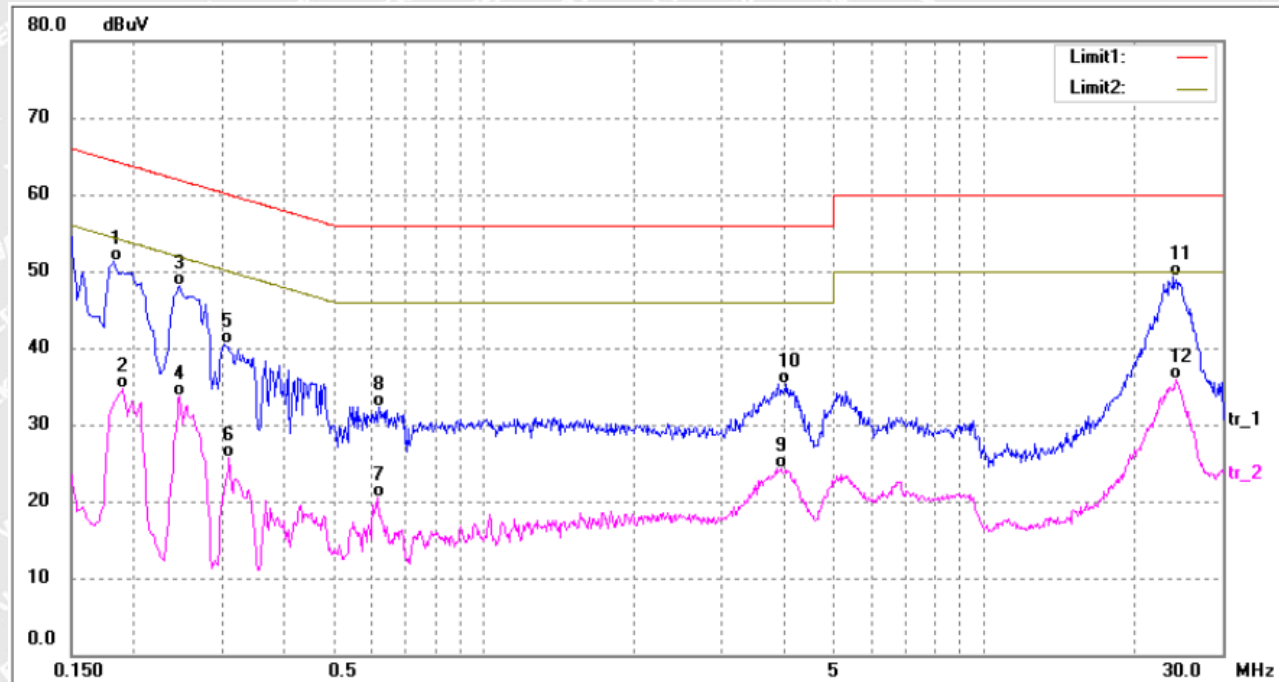
TM5 / Line: Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1*	0.1860	47.93	10.38	58.31	64.21	-5.90	QP
2	0.1860	32.46	10.38	42.84	54.21	-11.37	AVG
3	0.2460	38.40	10.32	48.72	61.89	-13.17	QP
4	0.2460	26.45	10.32	36.77	51.89	-15.12	AVG
5	0.3660	30.30	10.28	40.58	58.59	-18.01	QP
6	0.3660	18.88	10.28	29.16	48.59	-19.43	AVG
7	1.0420	11.72	10.10	21.82	46.00	-24.18	AVG
8	1.1140	23.04	10.13	33.17	56.00	-22.83	QP
9	3.7740	12.50	10.45	22.95	46.00	-23.05	AVG
10	3.7900	25.10	10.46	35.56	56.00	-20.44	QP
11	28.1140	37.19	10.91	48.10	60.00	-11.90	QP
12	28.1140	19.48	10.91	30.39	50.00	-19.61	AVG



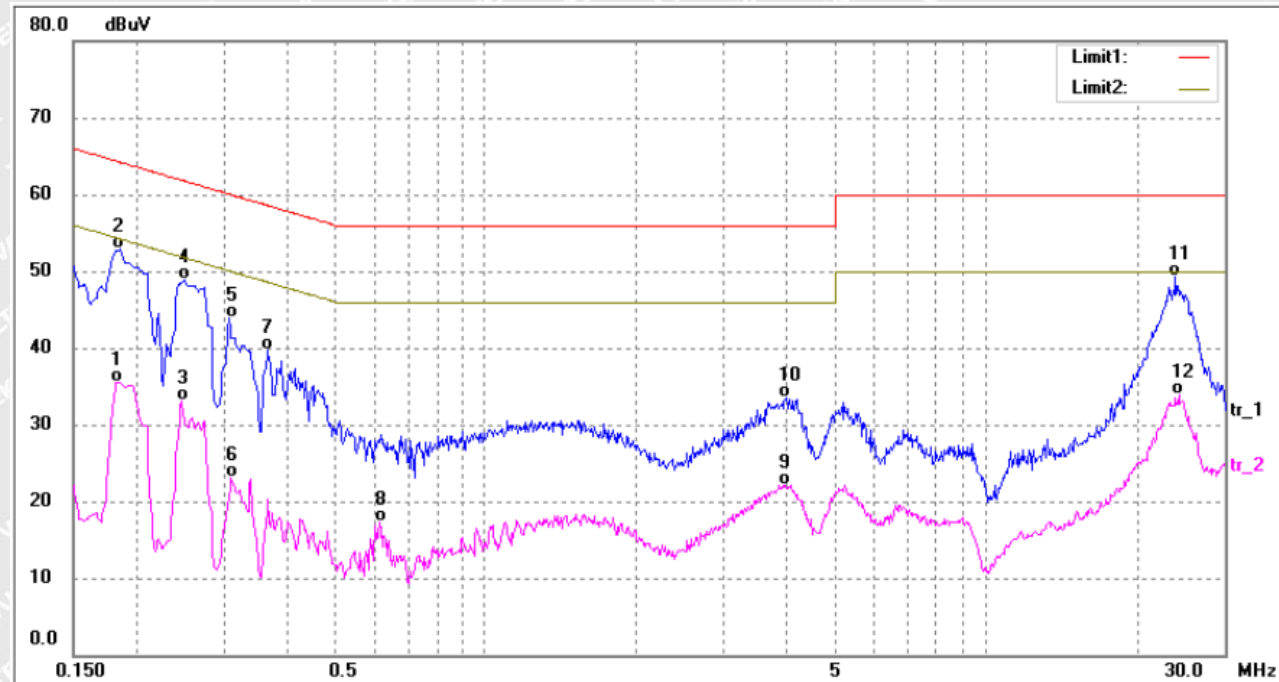
TM6 / Line: Line



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1819	40.87	10.39	51.26	64.39	-13.13	QP
2	0.1900	24.31	10.36	34.67	54.03	-19.36	AVG
3	0.2460	37.70	10.32	48.02	61.89	-13.87	QP
4	0.2460	23.45	10.32	33.77	51.89	-18.12	AVG
5	0.3020	30.25	10.30	40.55	60.19	-19.64	QP
6	0.3100	15.35	10.30	25.65	49.97	-24.32	AVG
7	0.6140	10.13	10.35	20.48	46.00	-25.52	AVG
8	0.6180	22.04	10.34	32.38	56.00	-23.62	QP
9	3.9420	13.73	10.50	24.23	46.00	-21.77	AVG
10	4.0380	24.73	10.51	35.24	56.00	-20.76	QP
11*	23.9780	38.53	10.85	49.38	60.00	-10.62	QP
12	24.2340	25.09	10.86	35.95	50.00	-14.05	AVG



TM6 / Line: Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1819	25.17	10.39	35.56	54.39	-18.83	AVG
2	0.1860	42.45	10.38	52.83	64.21	-11.38	QP
3	0.2460	22.81	10.32	33.13	51.89	-18.76	AVG
4	0.2500	38.61	10.32	48.93	61.75	-12.82	QP
5	0.3060	33.63	10.30	43.93	60.08	-16.15	QP
6	0.3100	12.88	10.30	23.18	49.97	-26.79	AVG
7	0.3660	29.35	10.28	39.63	58.59	-18.96	QP
8	0.6140	6.88	10.35	17.23	46.00	-28.77	AVG
9	3.9820	11.67	10.51	22.18	46.00	-23.82	AVG
10	3.9860	23.01	10.51	33.52	56.00	-22.48	QP
11*	23.8980	38.40	10.85	49.25	60.00	-10.75	QP
12	24.3340	23.05	10.86	33.91	50.00	-16.09	AVG



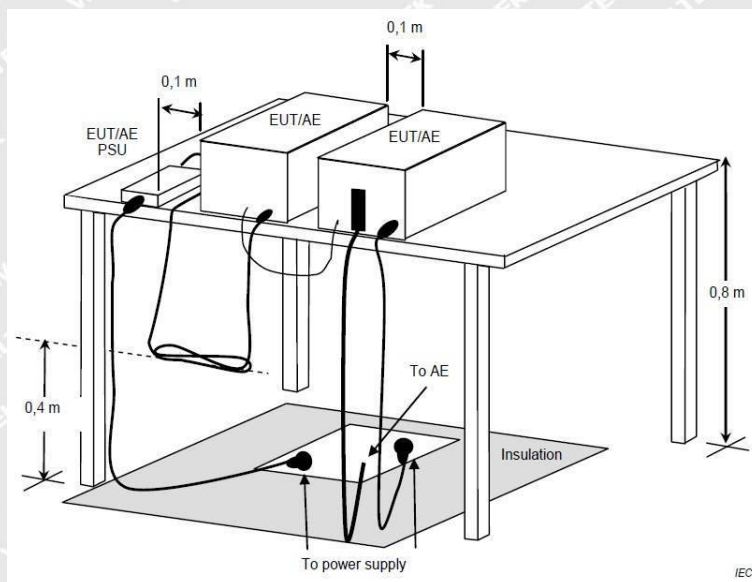
4.2 Radiated emissions (30MHz-1GHz)

Test Requirement:	Class B		
Test Limit:			
	Frequency (MHz)	Limit [dB(uV/m) at 10m]	Limit [dB(uV/m) at 3m]
	30 to 230	30	40
	230 to 1000	37	47
	Detector:	Peak for pre-scan (120kHz resolution bandwidth) 30M to 1000MHz	
Test Method:	EN 55032:2015+A11:2020 EN 55032:2015+A1:2020		
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. Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor		

4.2.1 E.U.T. Operation

Environmental Conditions	
Temperature:	23.5 °C
Relative Humidity:	54 %
Atmospheric Pressure:	101.49 kPa
Test mode:	TM1, TM2, TM3, TM4, TM5, TM6

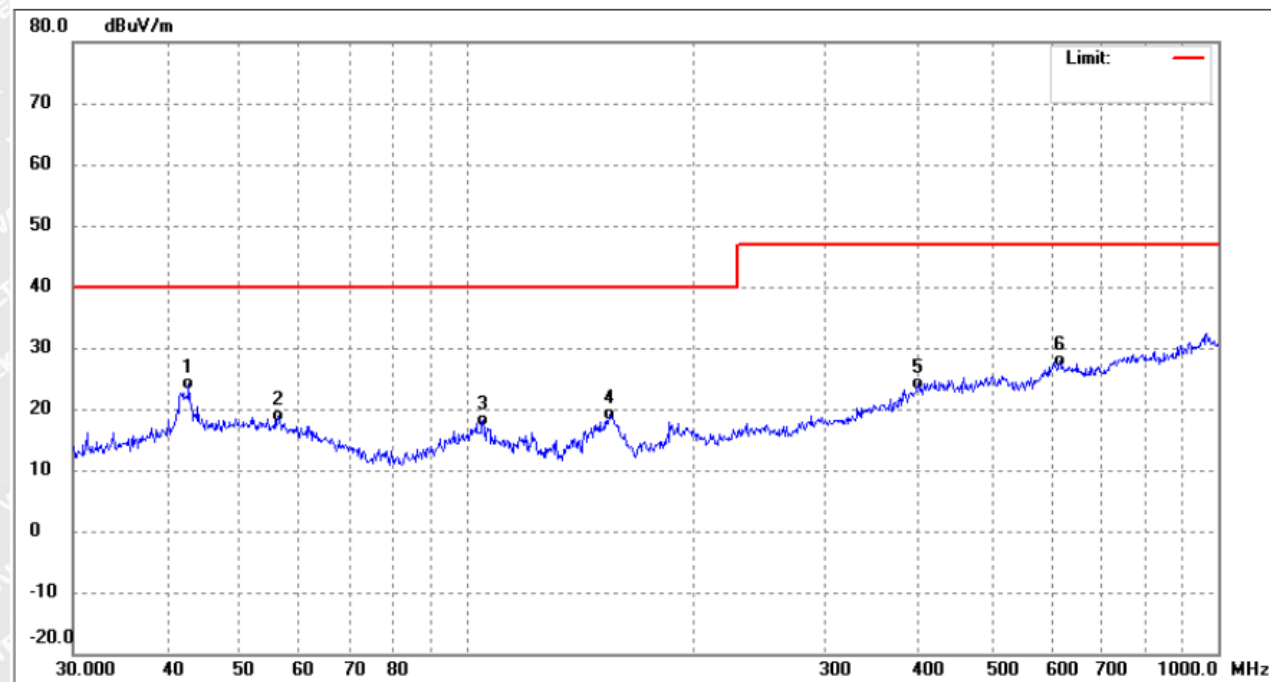
4.2.2 Basic Test Setup Block Diagram



4.2.3 Summary of Test Results



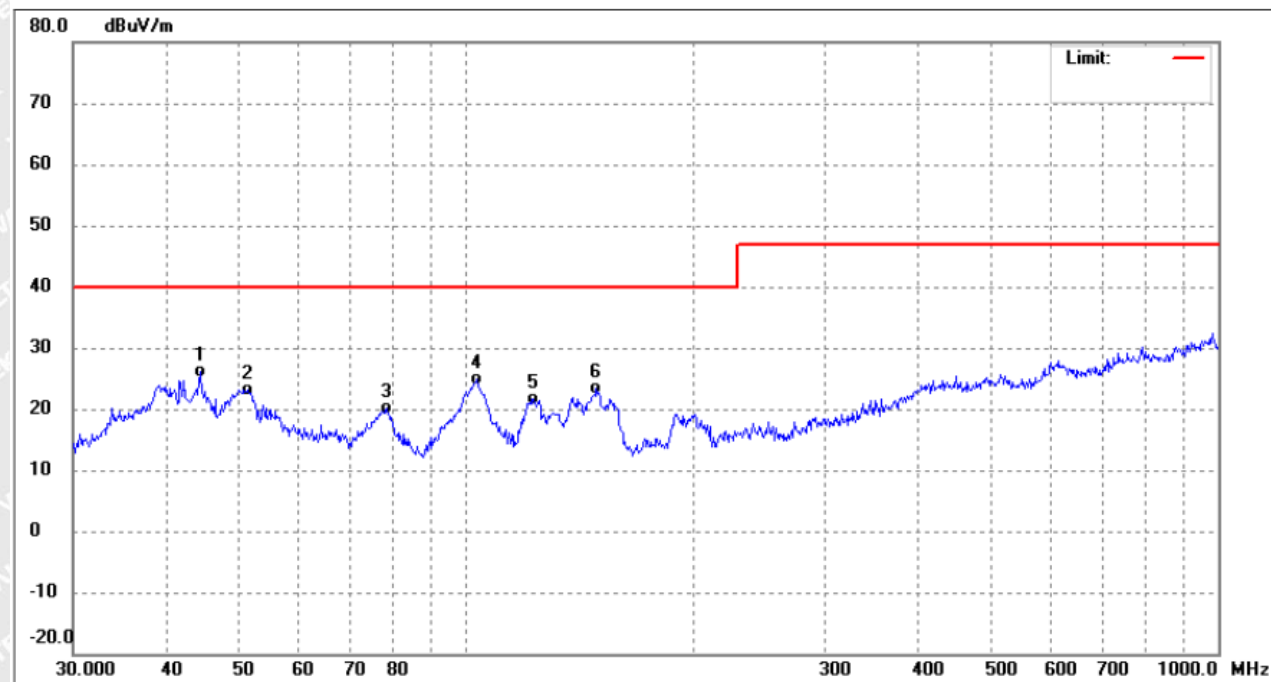
TM1 / Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	42.7496	34.50	-10.43	24.07	40.00	-15.93	QP
2	56.1974	29.12	-10.27	18.85	40.00	-21.15	QP
3	105.2718	30.03	-11.95	18.08	40.00	-21.92	QP
4	155.3644	33.87	-14.77	19.10	40.00	-20.90	QP
5	399.0302	28.39	-4.14	24.25	47.00	-22.75	QP
6	616.3718	28.80	-1.02	27.78	47.00	-19.22	QP



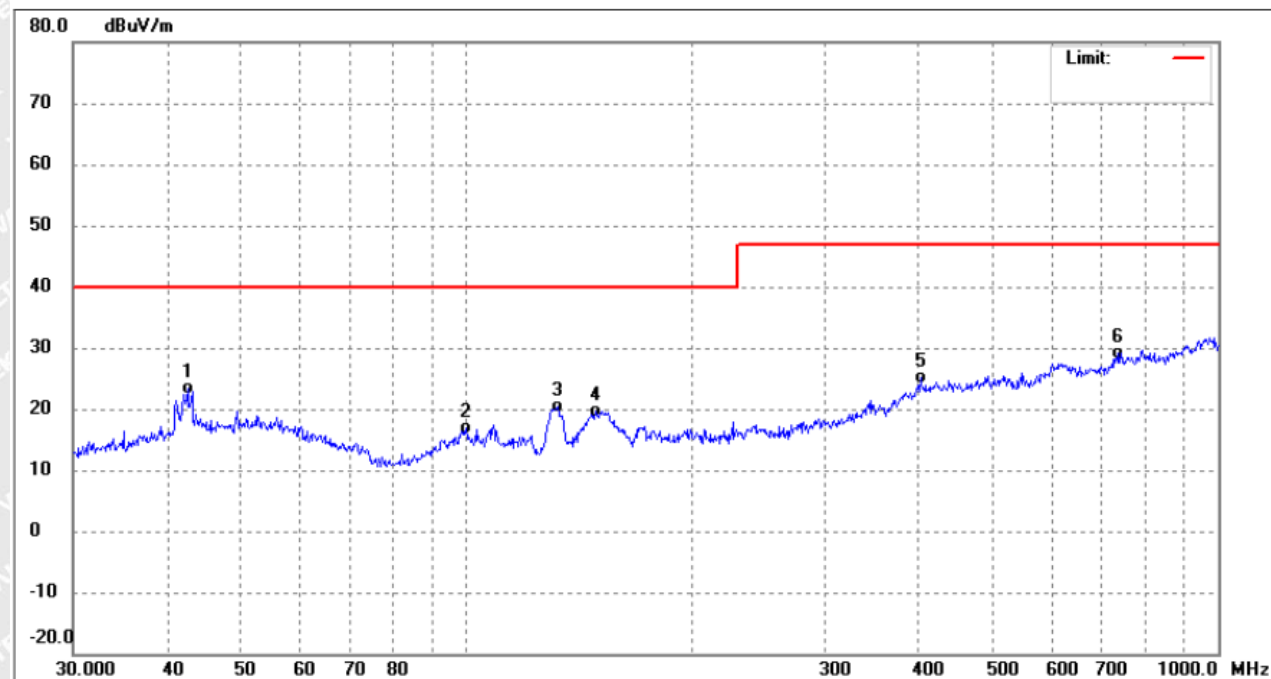
TM1 / Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	44.2752	36.25	-10.13	26.12	40.00	-13.88	QP
2	51.3005	33.07	-9.83	23.24	40.00	-16.76	QP
3	78.4133	36.17	-16.10	20.07	40.00	-19.93	QP
4	103.4421	36.64	-11.83	24.81	40.00	-15.19	QP
5	122.8340	35.81	-14.09	21.72	40.00	-18.28	QP
6	148.9625	38.47	-15.15	23.32	40.00	-16.68	QP



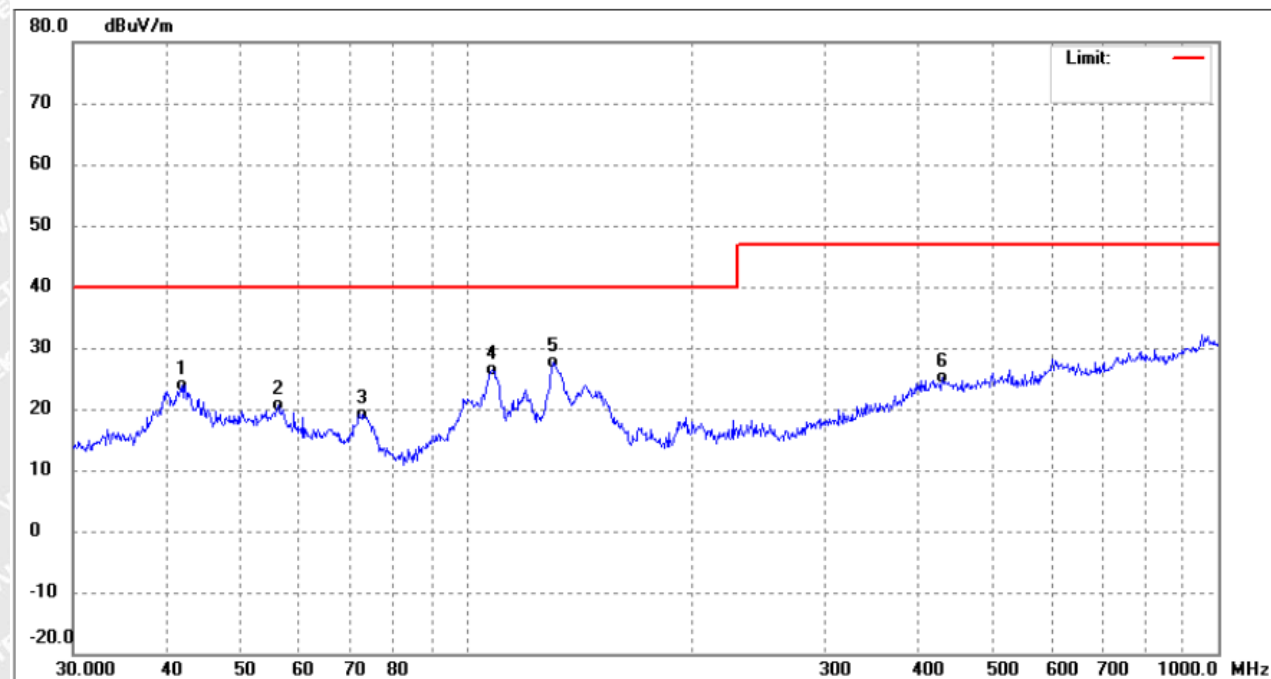
TM2 / Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	42.6000	33.78	-10.47	23.31	40.00	-16.69	QP
2	99.8777	28.61	-11.83	16.78	40.00	-23.22	QP
3	132.2206	35.29	-14.99	20.30	40.00	-19.70	QP
4	148.4410	34.67	-15.16	19.51	40.00	-20.49	QP
5	401.8385	29.16	-4.06	25.10	47.00	-21.90	QP
6	737.0714	29.34	-0.14	29.20	47.00	-17.80	QP



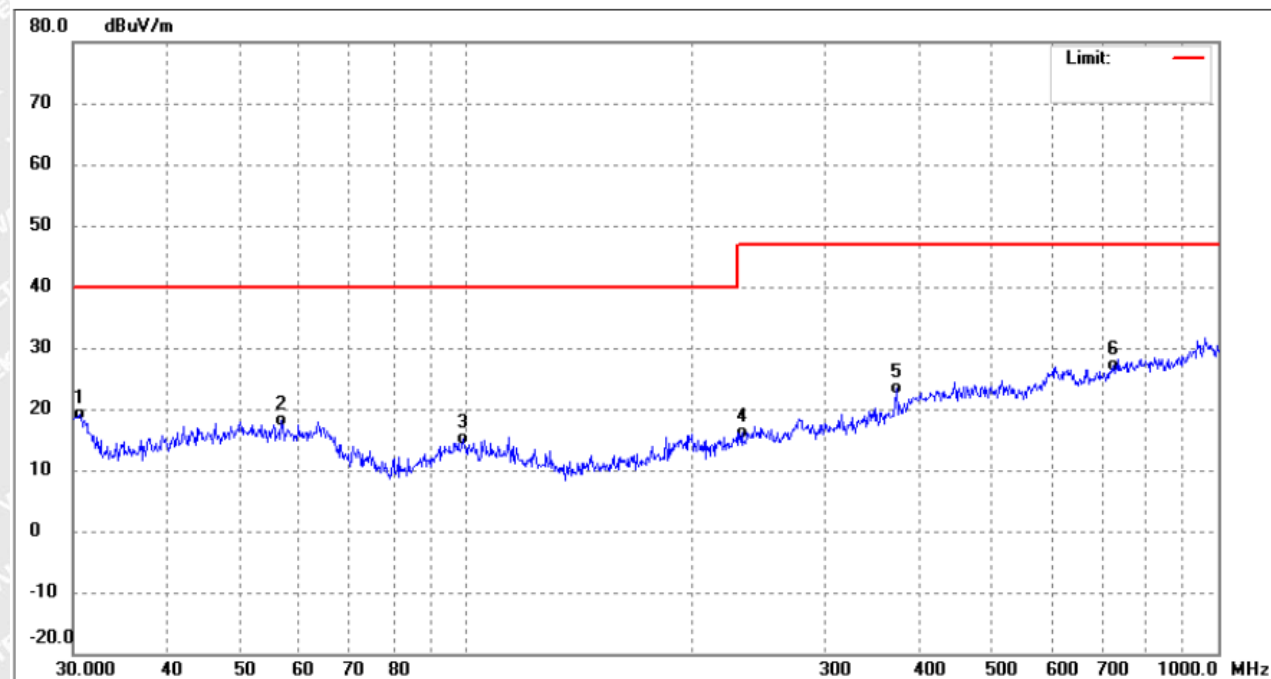
TM2 / Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	41.8596	34.63	-10.65	23.98	40.00	-16.02	QP
2	56.1974	30.80	-10.27	20.53	40.00	-19.47	QP
3	72.8466	34.24	-15.01	19.23	40.00	-20.77	QP
4	108.2667	38.44	-12.18	26.26	40.00	-13.74	QP
5	130.3789	42.46	-14.85	27.61	40.00	-12.39	QP
6	429.5228	28.87	-3.86	25.01	47.00	-21.99	QP



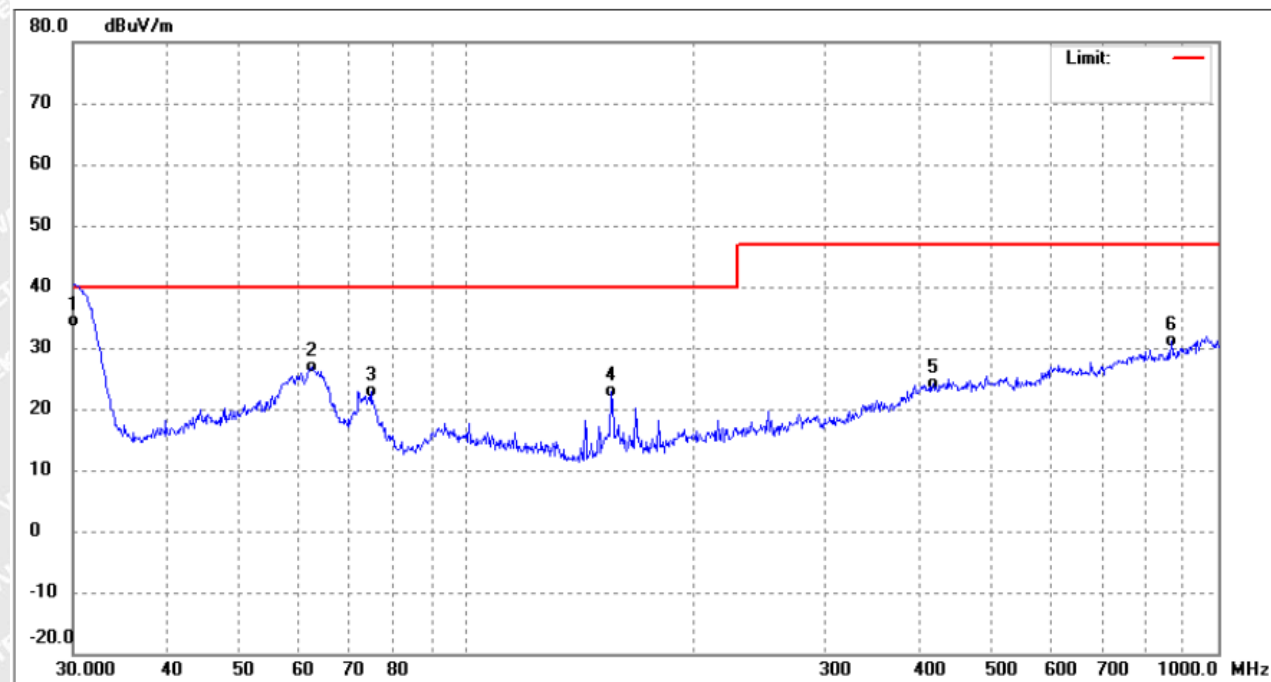
TM3 / Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.6379	33.01	-13.96	19.05	40.00	-20.95	QP
2	56.7917	28.69	-10.52	18.17	40.00	-21.83	QP
3	98.8326	27.18	-11.99	15.19	40.00	-24.81	QP
4	232.5318	26.76	-10.61	16.15	47.00	-30.85	QP
5	373.3112	29.71	-6.37	23.34	47.00	-23.66	QP
6	724.2611	27.84	-0.76	27.08	47.00	-19.92	QP



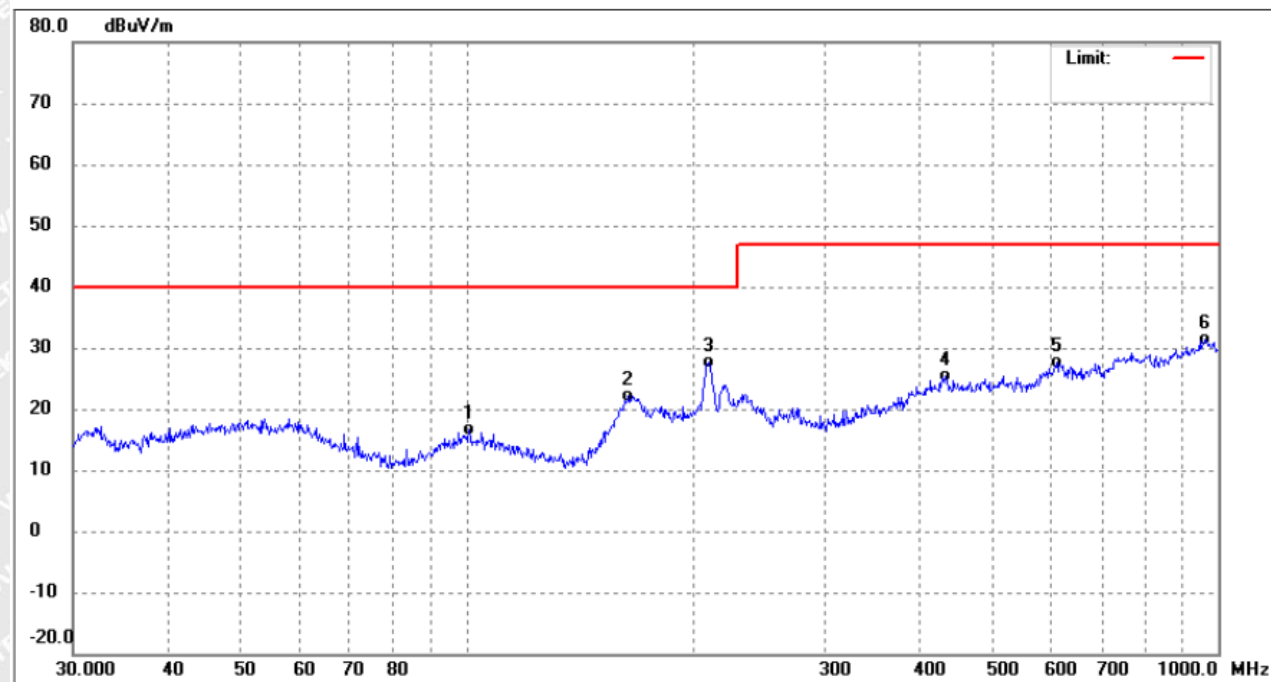
TM3 / Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	48.23	-13.73	34.50	40.00	-5.50	QP
2	62.4314	38.72	-11.82	26.90	40.00	-13.10	QP
3	74.6569	38.54	-15.62	22.92	40.00	-17.08	QP
4	155.9101	37.76	-14.79	22.97	40.00	-17.03	QP
5	417.6411	28.15	-4.08	24.07	47.00	-22.93	QP
6	866.0879	30.51	0.62	31.13	47.00	-15.87	QP



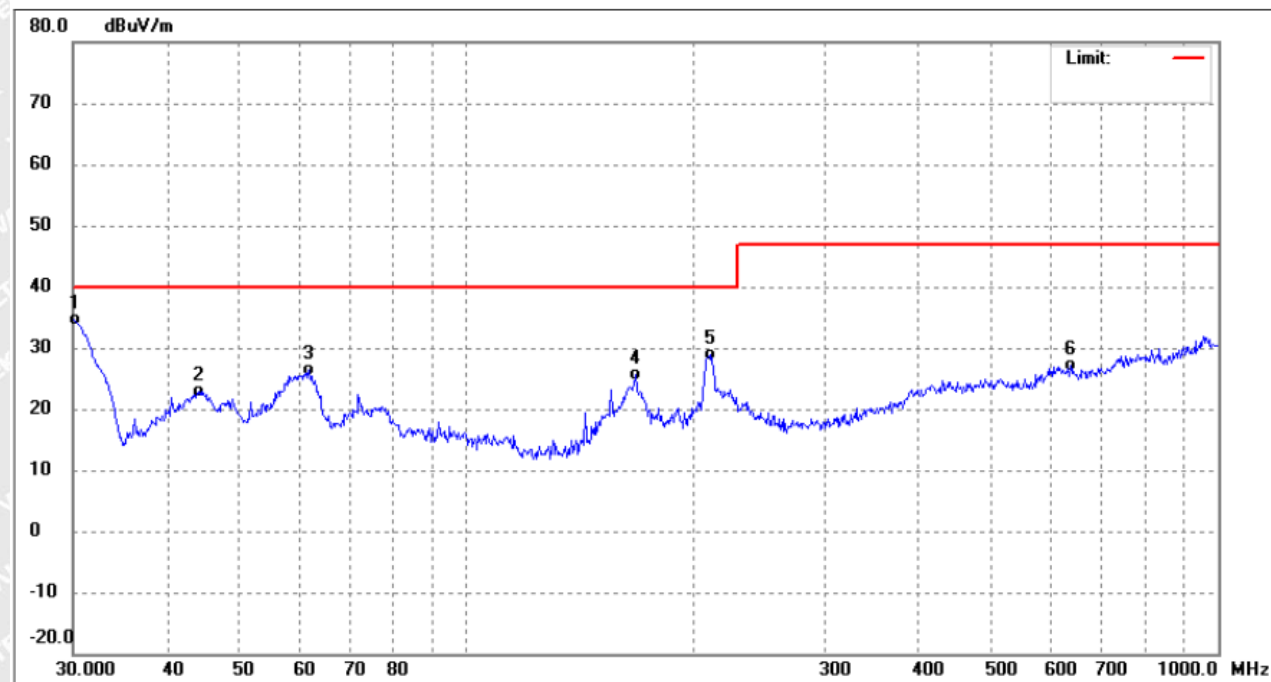
TM4 / Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	100.9339	28.50	-11.86	16.64	40.00	-23.36	QP
2	164.3301	36.49	-14.29	22.20	40.00	-17.80	QP
3	210.0482	39.57	-12.06	27.51	40.00	-12.49	QP
4	434.0651	29.27	-3.97	25.30	47.00	-21.70	QP
5	609.9217	28.87	-1.34	27.53	47.00	-19.47	QP
6	962.1623	27.99	3.46	31.45	47.00	-15.55	QP



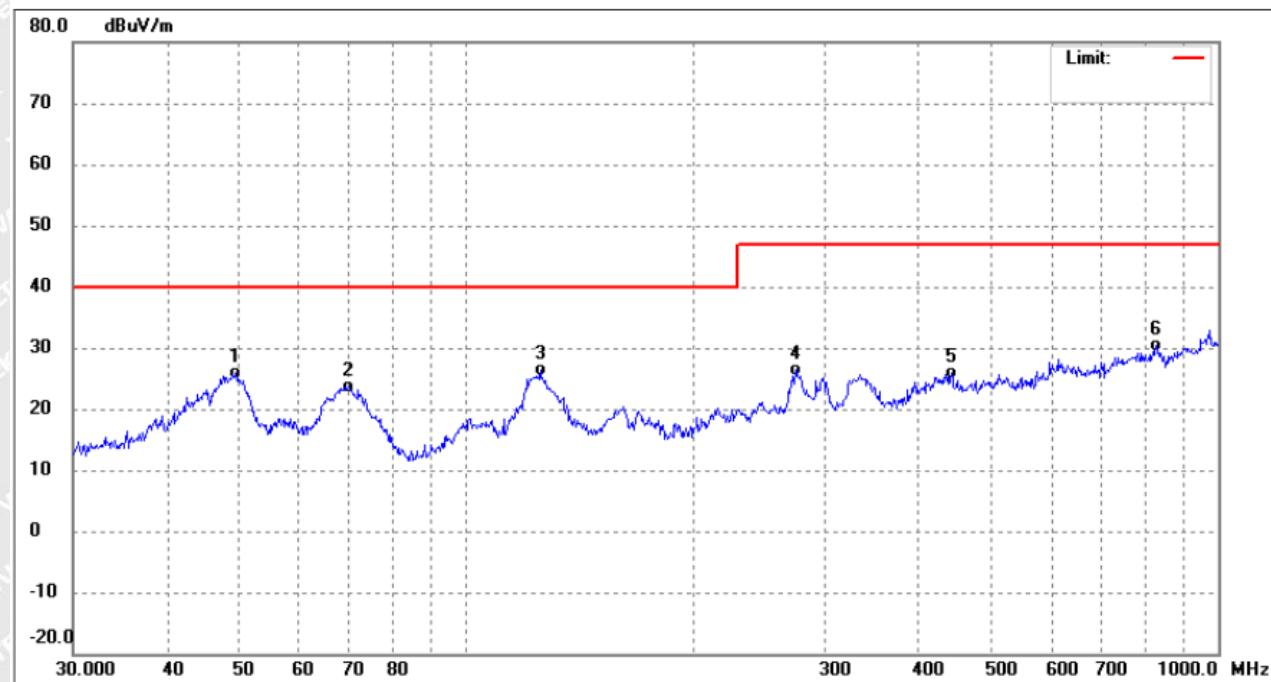
TM4 / Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.1054	48.44	-13.77	34.67	40.00	-5.33	QP
2	44.1202	33.33	-10.37	22.96	40.00	-17.04	QP
3	61.7781	38.08	-11.63	26.45	40.00	-13.55	QP
4	167.8243	39.70	-14.12	25.58	40.00	-14.42	QP
5	210.7860	40.84	-12.04	28.80	40.00	-11.20	QP
6	636.1340	28.93	-1.86	27.07	47.00	-19.93	QP



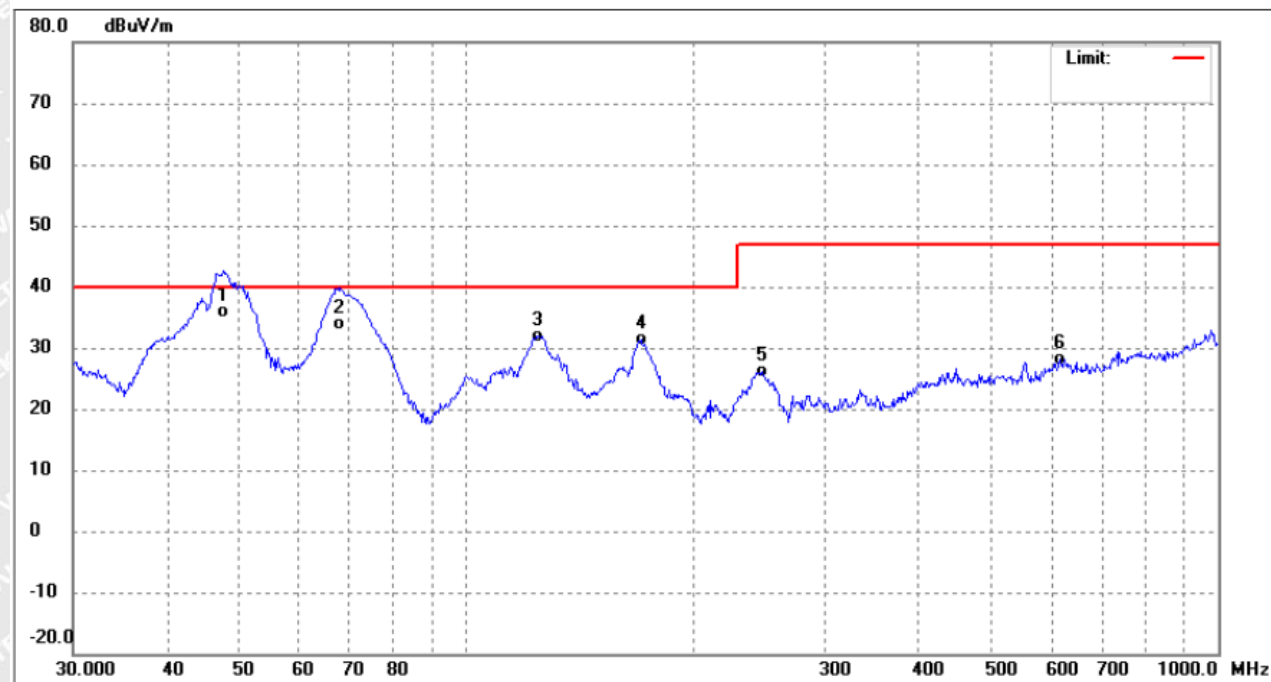
TM5 / Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	49.3594	35.65	-9.80	25.85	40.00	-14.15	QP
2	69.6005	37.58	-13.91	23.67	40.00	-16.33	QP
3	125.4457	40.82	-14.38	26.44	40.00	-13.56	QP
4	274.1939	36.98	-10.60	26.38	47.00	-20.62	QP
5	441.7426	29.86	-3.93	25.93	47.00	-21.07	QP
6	827.4934	29.82	0.47	30.29	47.00	-16.71	QP



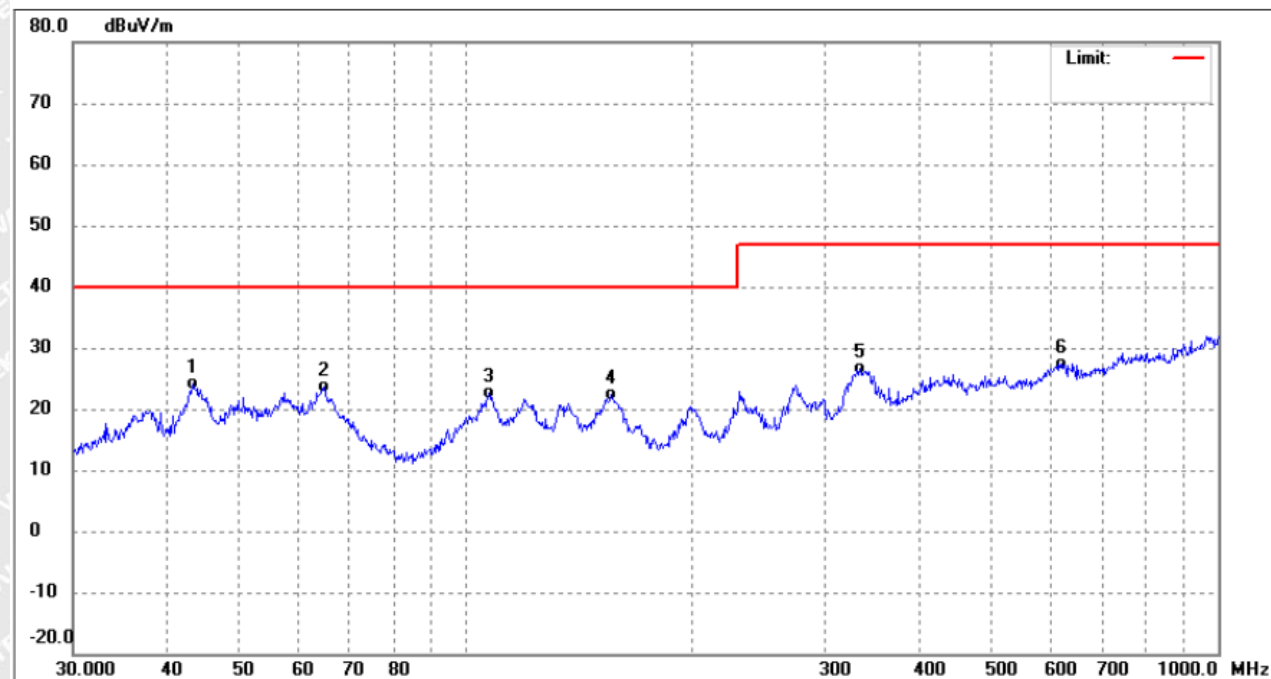
TM5 / Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	47.4918	45.63	-9.83	35.80	40.00	-4.20	QP
2	67.9129	47.24	-13.34	33.90	40.00	-6.10	QP
3	124.5690	46.24	-14.29	31.95	40.00	-8.05	QP
4	170.7926	45.28	-13.89	31.39	40.00	-8.61	QP
5	247.6819	36.55	-10.37	26.18	47.00	-20.82	QP
6	616.3718	29.11	-1.02	28.09	47.00	-18.91	QP



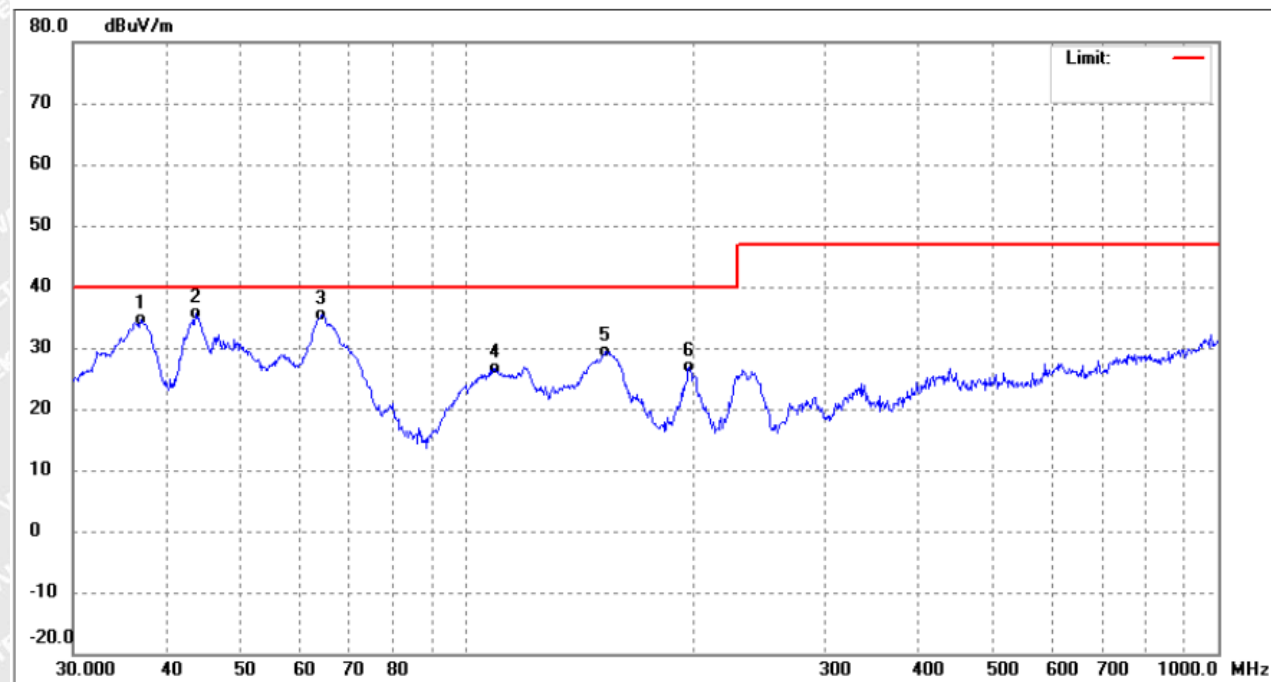
TM6 / Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	43.3534	34.42	-10.31	24.11	40.00	-15.89	QP
2	64.6594	35.91	-12.32	23.59	40.00	-16.41	QP
3	107.1337	34.64	-12.09	22.55	40.00	-17.45	QP
4	155.9101	37.03	-14.74	22.29	40.00	-17.71	QP
5	333.6867	34.28	-7.71	26.57	47.00	-20.43	QP
6	618.5369	28.52	-1.08	27.44	47.00	-19.56	QP



TM6 / Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	36.8953	46.58	-12.06	34.52	40.00	-5.48	QP
2	43.6584	45.78	-10.25	35.53	40.00	-4.47	QP
3	64.2074	47.57	-12.18	35.39	40.00	-4.61	QP
4	109.0286	38.86	-12.26	26.60	40.00	-13.40	QP
5	153.2004	44.36	-14.93	29.43	40.00	-10.57	QP
6	197.8928	38.14	-11.22	26.92	40.00	-13.08	QP



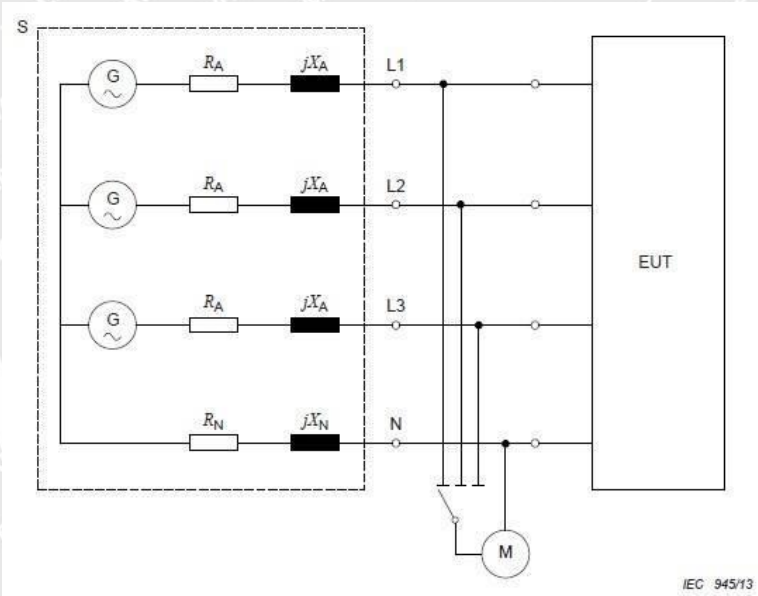
4.3 Voltage fluctuations and flicker

Test Requirement:	Clause 4
Test Limit:	EN 61000-3-3, Clause 5
Test Method:	EN 61000-3-3:2013+A1:2019+A2:2021

4.3.1 E.U.T. Operation

Environmental Conditions	
Temperature:	23.6 °C
Relative Humidity:	55.8 %
Atmospheric Pressure:	101.49 kPa
Test mode:	TM1, TM3, TM5

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 information****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): 229.46****T-max (mS): 0****Highest dc (%): 0.00****Highest dmax (%): 0.00****Highest Pst (10 min. period): 0.230****Highest Plt (2 hr. period): 0.101****Test limit (mS): 500.0 Pass****Test limit (%): 3.30 Pass****Test limit (%): 4.00 Pass****Test limit: 1.000 Pass****Test limit: 0.650 Pass**

**Flicker Test Summary per IEC61000-3-3:2013+AMD2:2021 (Run time)****Comment: TM3****Customer: Customer information****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): 229.49****T-max (mS): 0****Highest dc (%): 0.00****Highest dmax (%): 0.00****Highest Pst (10 min. period): 0.244****Highest Plt (2 hr. period): 0.107****Test limit (mS): 500.0 Pass****Test limit (%): 3.30 Pass****Test limit (%): 4.00 Pass****Test limit: 1.000 Pass****Test limit: 0.650 Pass**

**Flicker Test Summary per IEC61000-3-3:2013+AMD2:2021 (Run time)****Comment:** TM5**Customer:** Customer information**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):** 229.51**T-max (mS):** 0**Highest dc (%):** 0.00**Highest dmax (%):** 0.00**Highest Pst (10 min. period):** 0.230**Highest Plt (2 hr. period):** 0.101**Test limit (mS):** 500.0 **Pass****Test limit (%):** 3.30 **Pass****Test limit (%):** 4.00 **Pass****Test limit:** 1.000 **Pass****Test limit:** 0.650 **Pass**



5. Immunity Test Results (EMS)

General Performance Criteria

Performance Criteria 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 Criteria 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 Criteria 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.



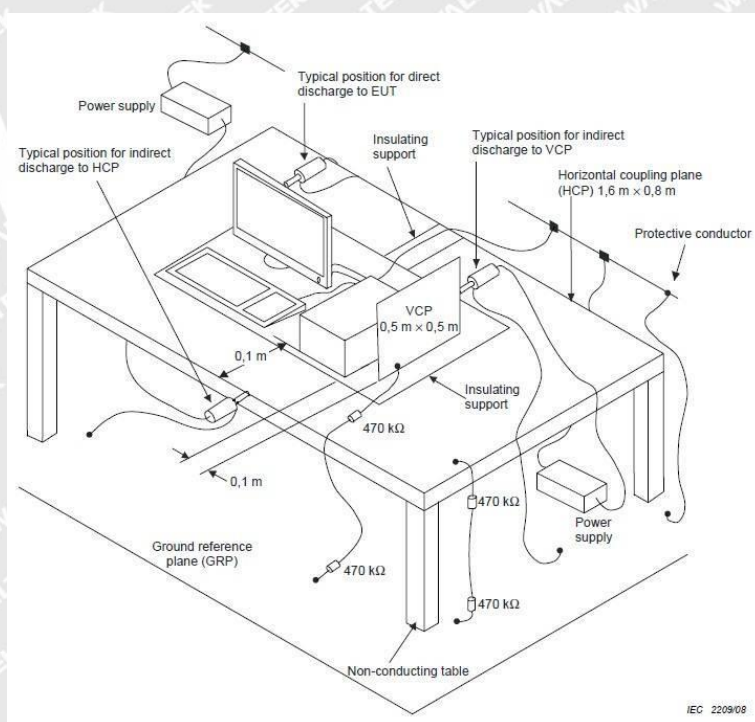
5.1 Electrostatic discharges

Test Requirement:	Contact Discharge: +/- 4KV; +/- 10KV Air Discharge: +/- 8kV; +/- 20KV
Test Method:	EN 61000-4-2: 2009
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:	B

5.1.1 E.U.T. Operation

Environmental Conditions	
Temperature:	23.3 °C
Relative Humidity:	56.6 %
Atmospheric Pressure:	101.49 kPa
Test mode:	TM1, TM3, TM5

5.1.2 Basic Test Setup Block Diagram





5.1.3 Summary of Test Results

Adapter Model: GTM96180-1807-2.0-T3

Discharge type	Volt (kV)	Polarity	Test Point	Result/ Observations
Air discharge	2,4,8,20	+	1	A
Air discharge	2,4,8,20	-	1	A
Contact discharge	4,8	+	2	A
Contact discharge	4,8	-	2	A
Horizontal Coupling	4,8	+	3	A
Horizontal Coupling	4,8	-	3	A
Vertical Coupling	4,8	+	3	A
Vertical Coupling	4,8	-	3	A

Adapter Model: GTM91120-3014.5-2.5-T3A

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

Adapter Model: GTM96300-3624-R2

Discharge type	Volt (kV)	Polarity	Test Point	Result/ Observations
Air discharge	2,4,8,20	+	1	A
Air discharge	2,4,8,20	-	1	A
Contact discharge	4,8,10	+	2	A
Contact discharge	4,8,10	-	2	A
Horizontal Coupling	4,8,10	+	3	A
Horizontal Coupling	4,8,10	-	3	A
Vertical Coupling	4,8,10	+	3	A
Vertical Coupling	4,8,10	-	3	A

Test Point: 1. All insulated enclosure and seams.

2. All accessible metal parts of the enclosure.

3. All side.

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



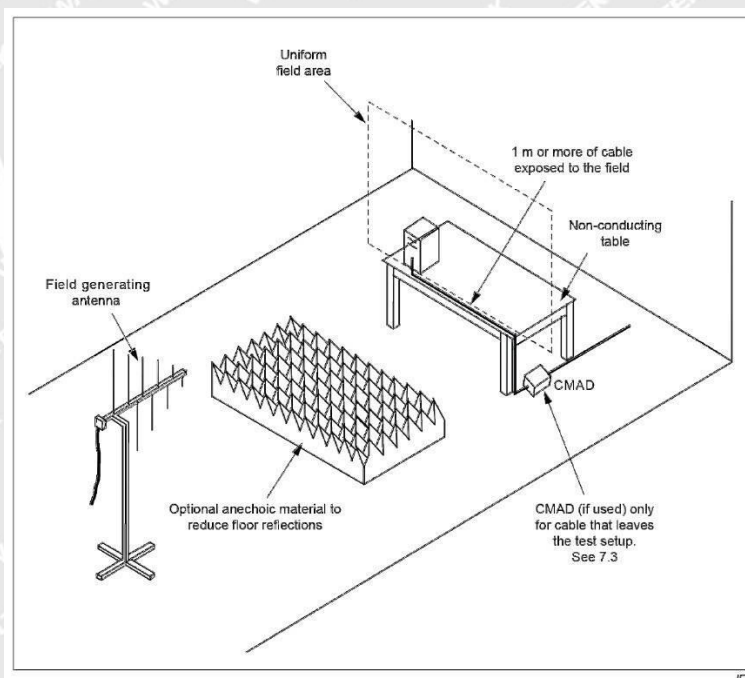
5.2 RF electromagnetic field disturbances

Test Requirement:	3V/m, 80%, 1kHz Amp. Mod.
Test Method:	EN IEC 61000-4-3: 2020
Procedure:	Frequency Range: 80MHz to 1GHz, 1800MHz, 2600MHz, 3500MHz, 5000MHz Antenna Polarisation: Vertical and Horizontal Modulation: 1kHz, 80% Amp. Mod, 1% increment
Performance Criteria:	A
Test Distance:	2.2 meters

5.2.1 E.U.T. Operation

Environmental Conditions	
Temperature:	22.9 °C
Relative Humidity:	55.9 %
Atmospheric Pressure:	101.49 kPa
Test mode:	TM1, TM3, TM5

5.2.2 Basic Test Setup Block Diagram





5.2.3 Summary of Test Results

Adapter Model: GTM96180-1807-2.0-T3, Adapter Model: GTM96300-3624-R2

Frequency	Field Strength (V/m)	EUT face	Dwell time	Result/ Observations
80MHz-1GHz	3,10	Front	1s	A
80MHz-1GHz	3,10	Back	1s	A
80MHz-1GHz	3,10	Left	1s	A
80MHz-1GHz	3,10	Right	1s	A
80MHz-1GHz	3,10	Top	1s	A
80MHz-1GHz	3,10	Bottom	1s	A
1800MHz	3	Front	1s	A
1800MHz	3	Back	1s	A
1800MHz	3	Left	1s	A
1800MHz	3	Right	1s	A
1800MHz	3	Top	1s	A
1800MHz	3	Bottom	1s	A
2600MHz	3	Front	1s	A
2600MHz	3	Back	1s	A
2600MHz	3	Left	1s	A
2600MHz	3	Right	1s	A
2600MHz	3	Top	1s	A
2600MHz	3	Bottom	1s	A
3500MHz	3	Front	1s	A
3500MHz	3	Back	1s	A
3500MHz	3	Left	1s	A
3500MHz	3	Right	1s	A
3500MHz	3	Top	1s	A
3500MHz	3	Bottom	1s	A
5000MHz	3	Front	1s	A
5000MHz	3	Back	1s	A
5000MHz	3	Left	1s	A
5000MHz	3	Right	1s	A
5000MHz	3	Top	1s	A
5000MHz	3	Bottom	1s	A

Reference No.: WTX26X01002243E



Adapter Model: GTM91120-3014.5-2.5-T3A

Frequency	Field Strength (V/m)	EUT face	Dwell time	Result/ Observations
80MHz-1GHz	3	Front	1s	A
80MHz-1GHz	3	Back	1s	A
80MHz-1GHz	3	Left	1s	A
80MHz-1GHz	3	Right	1s	A
80MHz-1GHz	3	Top	1s	A
80MHz-1GHz	3	Bottom	1s	A
1800MHz	3	Front	1s	A
1800MHz	3	Back	1s	A
1800MHz	3	Left	1s	A
1800MHz	3	Right	1s	A
1800MHz	3	Top	1s	A
1800MHz	3	Bottom	1s	A
2600MHz	3	Front	1s	A
2600MHz	3	Back	1s	A
2600MHz	3	Left	1s	A
2600MHz	3	Right	1s	A
2600MHz	3	Top	1s	A
2600MHz	3	Bottom	1s	A
3500MHz	3	Front	1s	A
3500MHz	3	Back	1s	A
3500MHz	3	Left	1s	A
3500MHz	3	Right	1s	A
3500MHz	3	Top	1s	A
3500MHz	3	Bottom	1s	A
5000MHz	3	Front	1s	A
5000MHz	3	Back	1s	A
5000MHz	3	Left	1s	A
5000MHz	3	Right	1s	A
5000MHz	3	Top	1s	A
5000MHz	3	Bottom	1s	A

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



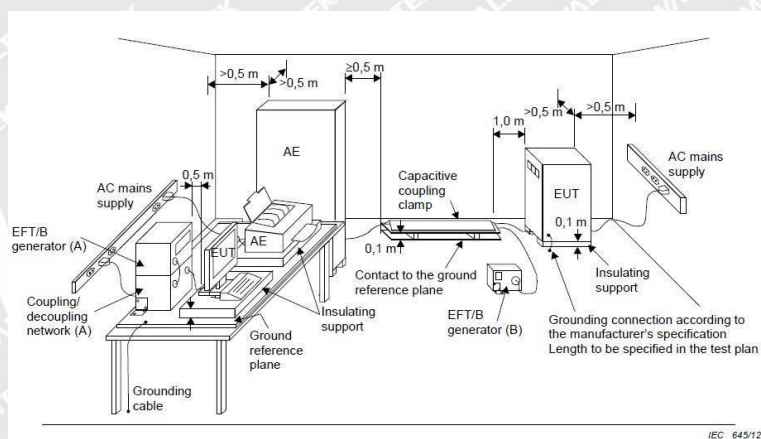
5.3 Electrical fast transients / burst for AC mains power ports

Test Requirement:	1KV; 4KV; 5/50ns Tr/Th; 5kHz Repetition Frequency
Test Method:	EN 61000-4-4: 2012
Procedure:	Repetition Frequency: 5kHz Burst Period: 300ms Test Duration: 2 minute per level polarity
Performance Criteria:	B

5.3.1 E.U.T. Operation

Environmental Conditions	
Temperature:	23.6 °C
Relative Humidity:	55.8 %
Atmospheric Pressure:	101.49 kPa
Test mode:	TM1, TM3, TM5

5.3.2 Basic Test Setup Block Diagram



Reference No.: WTX26X01002243E



5.3.3 Summary of Test Results

Adapter Model: GTM96180-1807-2.0-T3, Adapter Model: GTM96300-3624-R2

Port	Volt (kV)	Polarity	CDN/ Clamp	Result/ Observations
AC power port	1,4	+	CDN	A
AC power port	1,4	-	CDN	A

Adapter Model: GTM91120-3014.5-2.5-T3A

Port	Volt (kV)	Polarity	CDN/ Clamp	Result/ Observations
AC power port	1	+	CDN	A
AC power port	1	-	CDN	A

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

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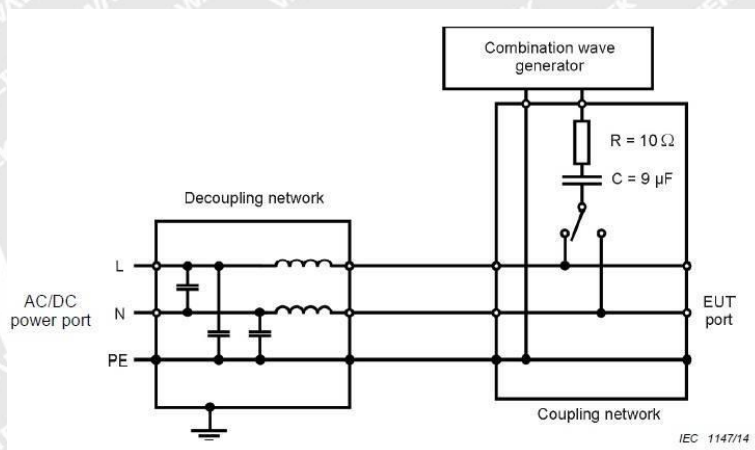
5.4 Surges for AC mains power ports

Test Requirement:	1.2/50 μ s Tr/Td; 1kV Line to Line; 2KV; 4KV Line to Ground
Test Method:	EN 61000-4-5: 2014 +A1: 2017
Procedure:	Interval: 60s between each surge No. of surges: 5 positive, 5 negative at 90°, 270°
Performance Criteria:	B

5.4.1 E.U.T. Operation

Environmental Conditions	
Temperature:	23.6 °C
Relative Humidity:	55.8 %
Atmospheric Pressure:	101.49 kPa
Test mode:	TM1, TM3, TM5

5.4.2 Basic Test Setup Block Diagram





5.4.3 Summary of Test Results

Adapter Model: GTM96180-1807-2.0-T3

Port	Volt (kV)	Polarity	Phase(degree)	Result/ Observations
L-N	1,2	+	90°	A
L-N	1,2	-	270°	A
L-PE	2,4	+	90°	A
L-PE	2,4	-	270°	A
N-PE	2,4	-	90°	A
N-PE	2,4	+	270°	A

Adapter Model: GTM91120-3014.5-2.5-T3A

Port	Volt (kV)	Polarity	Phase(degree)	Result/ Observations
L-N	1	+	90°	A
L-N	1	-	270°	A
L-PE	2	+	90°	A
L-PE	2	-	270°	A
N-PE	2	-	90°	A
N-PE	2	+	270°	A

Adapter Model: GTM96300-3624-R2

Port	Volt (kV)	Polarity	Phase(degree)	Result/ Observations
L-N	1,2	+	90°	A
L-N	1,2	-	270°	A

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



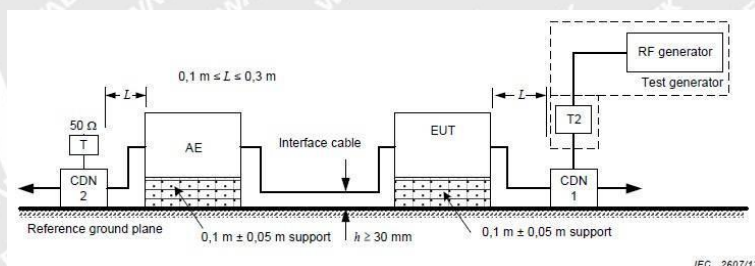
5.5 Continuous induced RF disturbances for AC mains power ports (150kHz-80MHz)

Test Requirement:	0,15 to 10MHz 3Vrms (emf), 10 to 30MHz 3V to 1Vrms(emf), 30 to 80MHz 1Vrms(emf), 80%,1kHz Amp. Mod.
Test Method:	EN 61000-4-6: 2014
Procedure:	Frequency Range: 0.15MHz to 80MHz Modulation: 80%, 1kHz Amplitude Modulation Step Size: 1%
Performance Criteria:	A

5.5.1 E.U.T. Operation

Environmental Conditions	
Temperature:	23.3 °C
Relative Humidity:	55.2 %
Atmospheric Pressure:	101.49 kPa
Test mode:	TM1, TM3, TM5

5.5.2 Basic Test Setup Block Diagram



5.5.3 Summary of Test Results

GTM96180-1807-2.0-T3, GTM91120-3014.5-2.5-T3A, GTM96300-3624-R2

Port	Strength (Vrms)	CDN/Clamp	Dwell time	Result/ Observations
AC power port	3(0.15MHz-10MHz)	CDN	1s	A
AC power port	3 to 1(10MHz-30MHz, Lines)	CDN	1s	A
AC power port	1(30MHz-80MHz)	CDN	1s	A

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



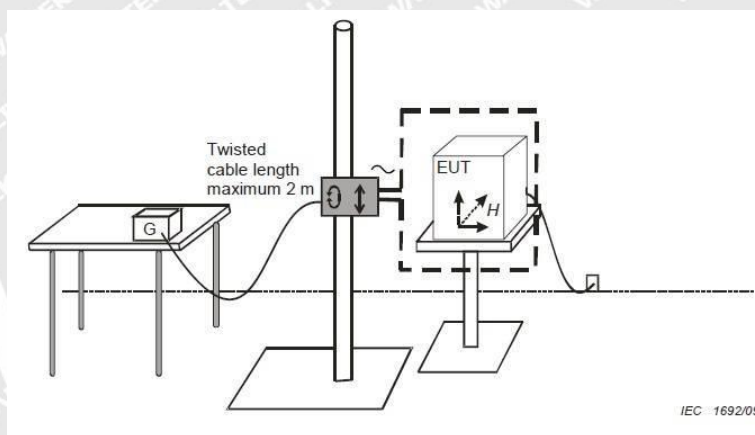
5.6 Power frequency magnetic field

Test Requirement:	50 or 60Hz, 1 A/m;30 A/m
Test Method:	EN 61000-4-8: 2010
Procedure:	50 or 60Hz, 1 A/m;30 A/m
Performance Criteria:	A

5.6.1 E.U.T. Operation

Environmental Conditions	
Temperature:	23.3 °C
Relative Humidity:	55.2 %
Atmospheric Pressure:	101.49 kPa
Test mode:	TM1, TM3, TM5

5.6.2 Basic Test Setup Block Diagram



5.6.3 Summary of Test Results

Adapter Model: GTM96180-1807-2.0-T3

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

Adapter Model: GTM96300-3624-R2

Frequency	Strength (A/m)	Axial	Magnetic Field Type	Result/ Observations
50Hz/ 60Hz	3	X	Continuous filed	A
50Hz/ 60Hz	3	Y	Continuous filed	A
50Hz/ 60Hz	3	Z	Continuous filed	A



Adapter Model: GTM91120-3014.5-2.5-T3A

Frequency	Strength (A/m)	Axial	Magnetic Field Type	Result/ Observations
50Hz/ 60Hz	1	X	Continuous filed	A
50Hz/ 60Hz	1	Y	Continuous filed	A
50Hz/ 60Hz	1	Z	Continuous filed	A

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

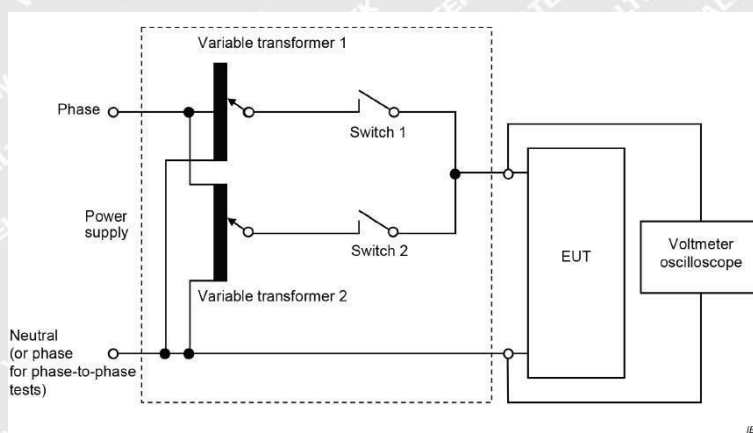
5.7 Voltage dips and interruptions

Test Requirement:	5% residual voltage for 0.5 periods 70% residual voltage: 25 periods for 50Hz, 30 periods for 60Hz 5% residual voltage: 250 periods for 50Hz, 300 periods for 60Hz
Test Method:	EN IEC 61000-4-11: 2020
Procedure:	5% residual voltage for 0.5 period 70% residual voltage: 25 periods for 50Hz, 30 periods for 60Hz 5% residual voltage: 250 periods for 50Hz, 300 periods for 60Hz No. of Dips / Interruptions: 3 per Level Time between dropout: 10s
Performance Criteria:	B, C, C

5.7.1 E.U.T. Operation

Environmental Conditions	
Temperature:	23.6 °C
Relative Humidity:	55.8 %
Atmospheric Pressure:	101.49 kPa
Test mode:	TM1, TM3, TM5

5.7.2 Basic Test Setup Block Diagram





5.7.3 Summary of Test Results

GTM96180-1807-2.0-T3, GTM91120-3014.5-2.5-T3A, GTM96300-3624-R2

Level %UT	Phase (degree)	Duration	No. of Dips/ Interruptions	Result/ Observations
0	0°	0.5 Cycles	3	A
0	0°	250 Cycles	3	A
70	0°	25 Cycles	3	B
0	0°	0.5 Cycles	3	B
0	0°	300 Cycles	3	B
70	0°	30 Cycles	3	B

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

B: During the test, the output voltage of the prototype dropped, but it can automatically recover after the test is completed

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6. EXHIBIT 1 - PRODUCT LABELING

6.1 Proposed Label Format

ICT/ITE Power Supply
Model: GT*96180-*****, GT*96300-***** and
GT*91120-*****
Brand  **GlobTek, Inc.**
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





Reference No.: WTX26X01002243E

Label Location

Label Location
(GTM91120-3014.5-2.5-T3A)



Label Location

Label Location
(GTM96300-3624-R2)





7. EXHIBIT 2 - EUT PHOTOGRAPHS

External

Test Sample Model: GTM96180-1807-2.0-T3







Reference No.: WTX26X01002243E



Test Sample Model:GTM91120-3014.5-2.5-T3A









Reference No.: WTX26X01002243E

Test Sample Model:GTM96300-3624-R2



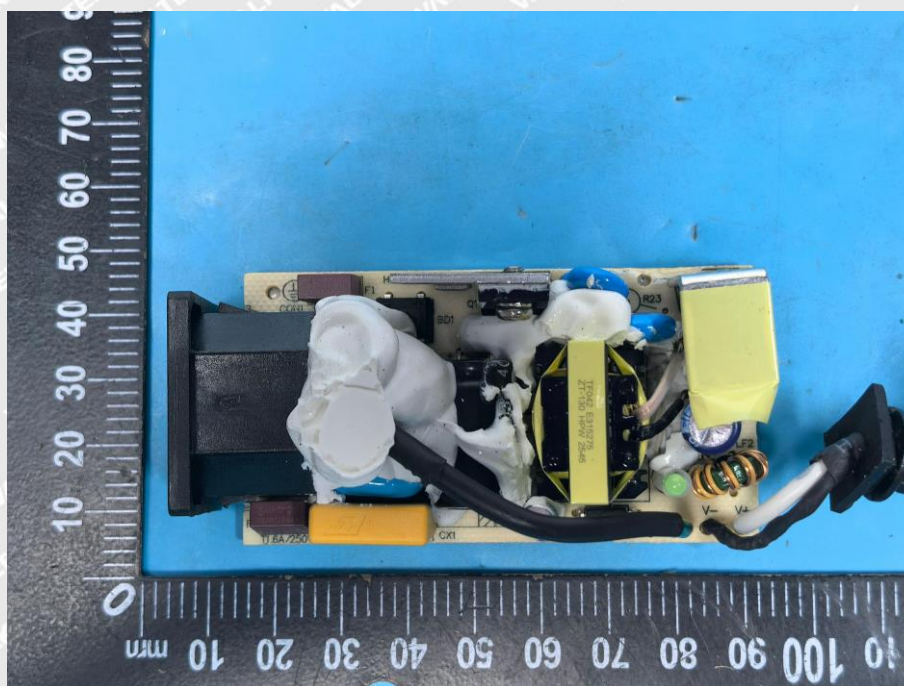




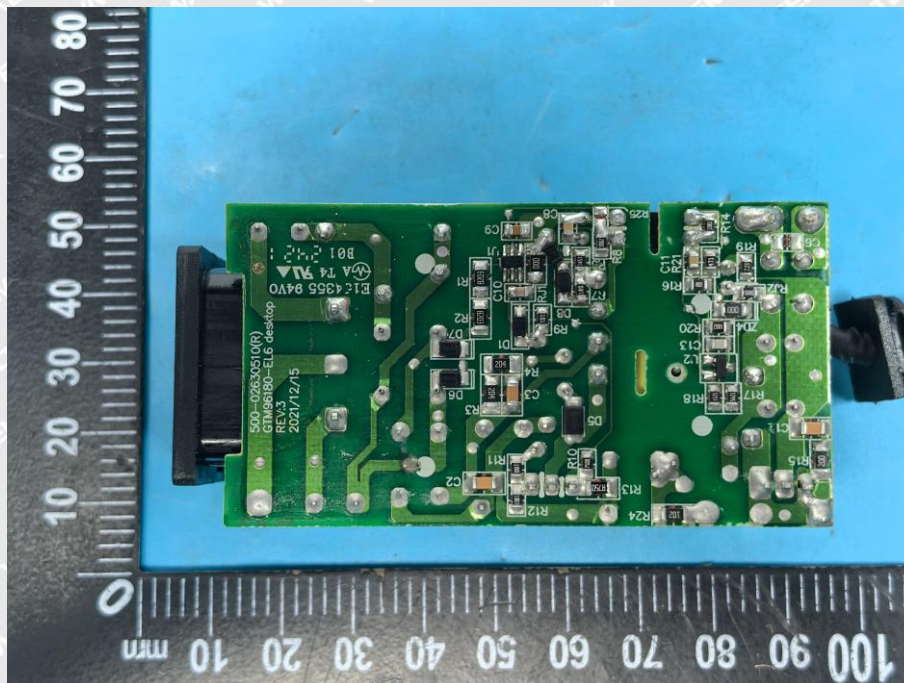
Reference No.: WTX26X01002243E



Internal
Test Sample Model: GTM96180-1807-2.0-T3

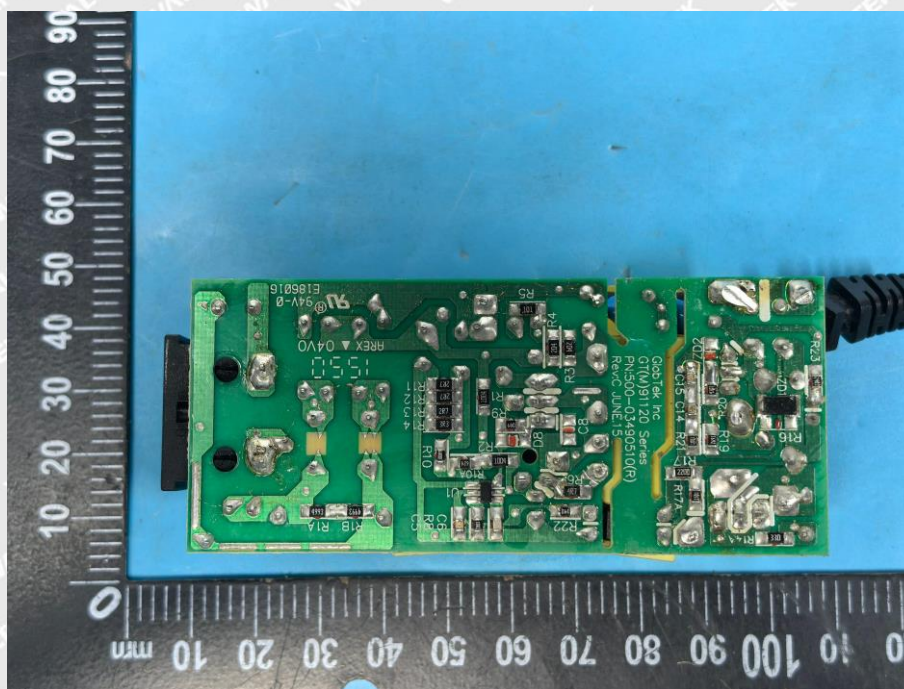


Reference No.: WTX26X01002243E



Test Sample Model:GTM91120-3014.5-2.5-T3A

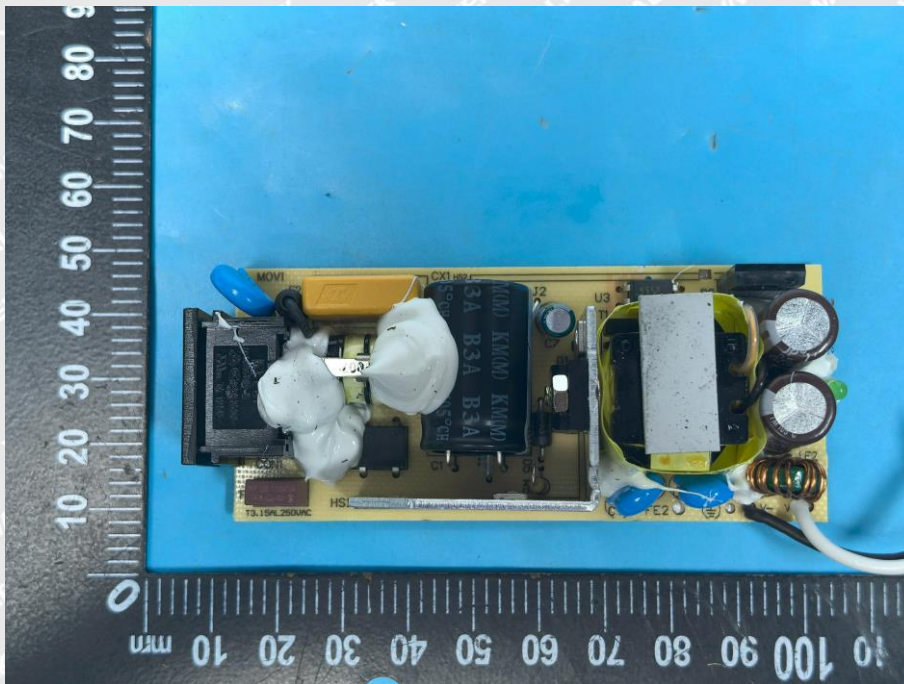




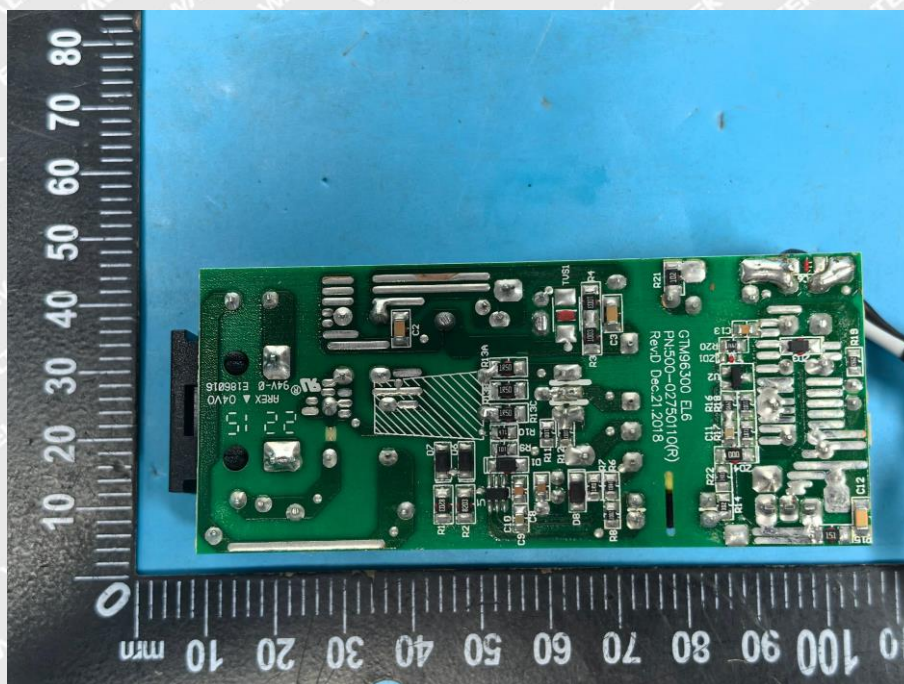
Reference No.: WTX26X01002243E



Test Sample Model:GTM96300-3624-R2



Reference No.: WTX26X01002243E



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8. EXHIBIT 3 - TEST SETUP PHOTOGRAPHS

Conducted emissions from AC mains power ports (150kHz-30MHz)

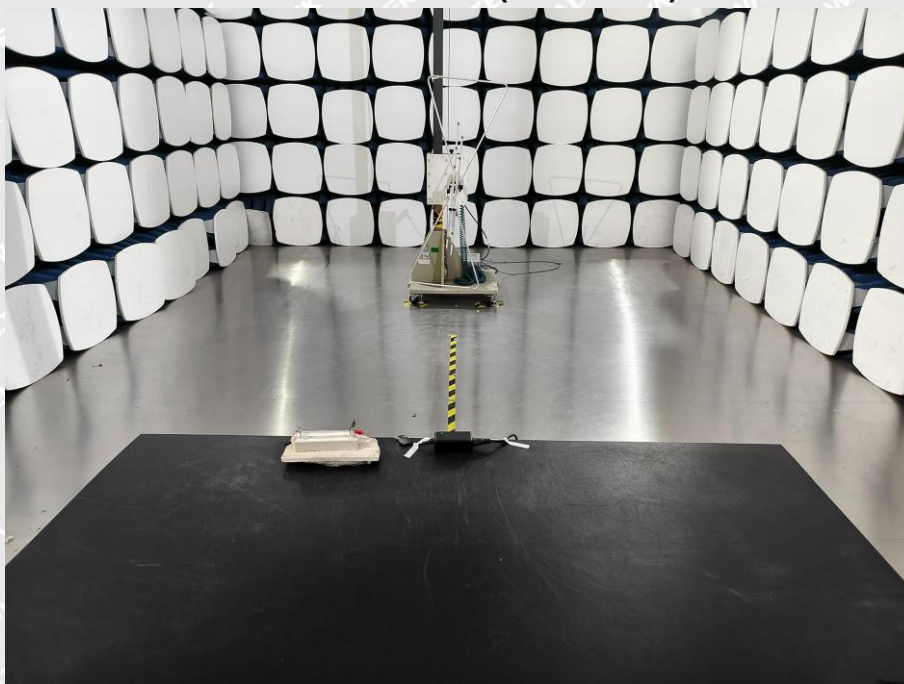


Conducted emissions from AC mains power ports (150kHz-30MHz) (close-up)





Radiated emissions (30MHz-1GHz)



Radiated emissions (30MHz-1GHz) (close-up)

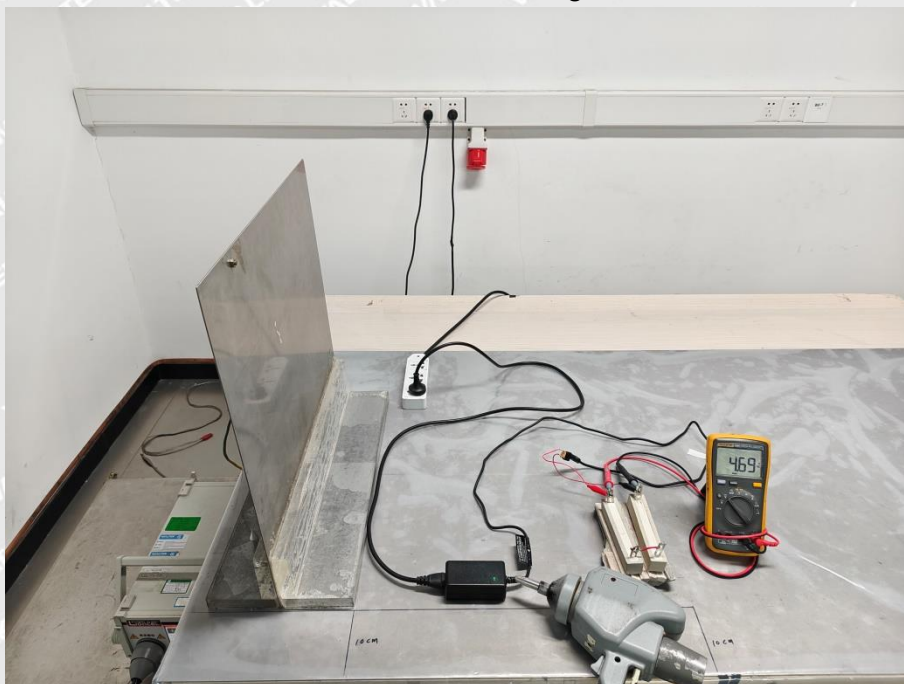




Voltage fluctuations and flicker

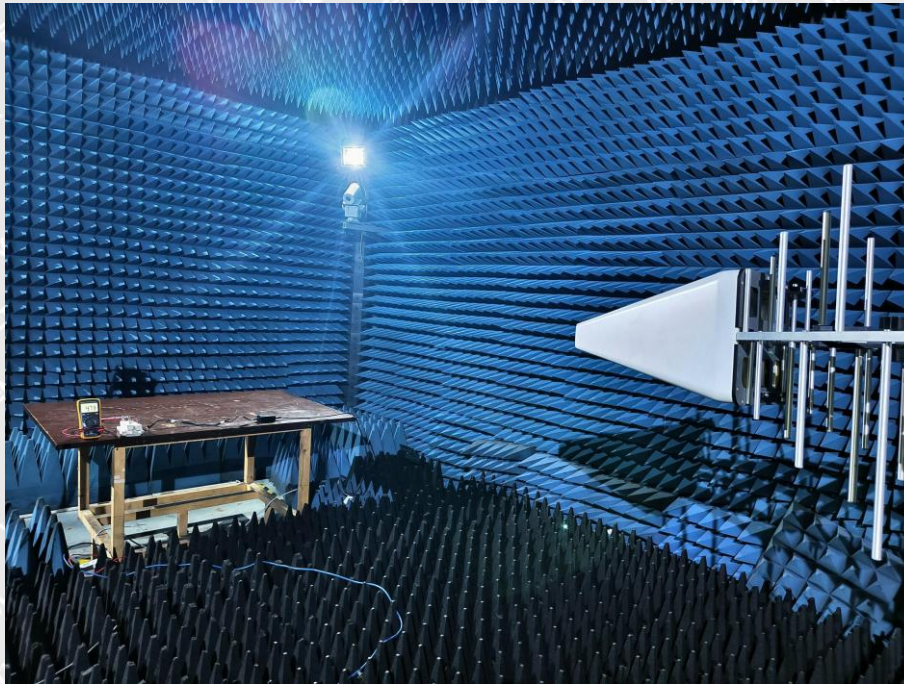


Electrostatic discharges

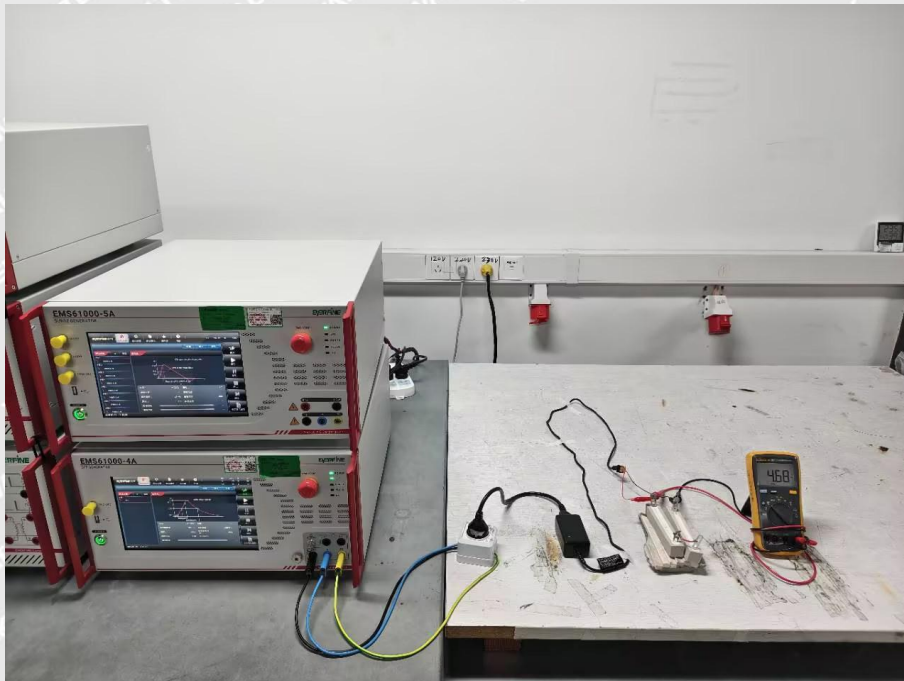




RF electromagnetic field disturbances

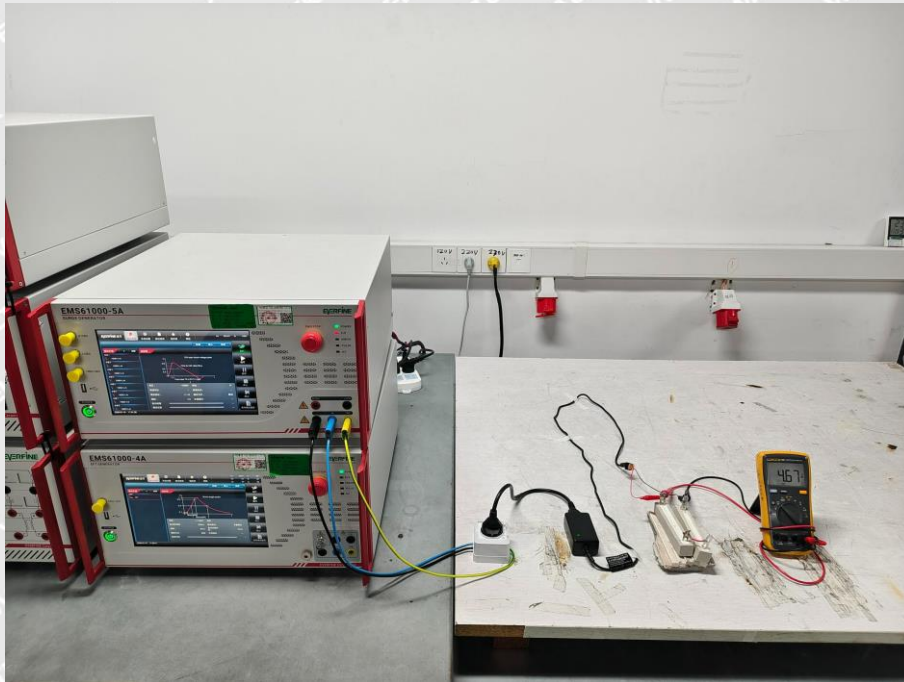


Electrical fast transients / burst for AC mains power ports





Surges for AC mains power ports

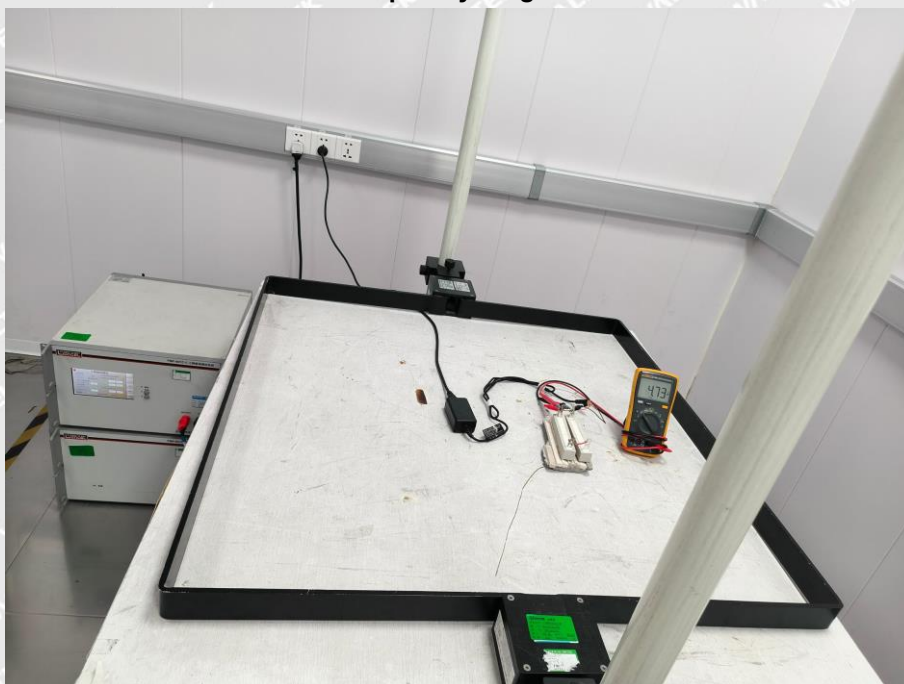


Continuous induced RF disturbances for AC mains power ports (150kHz-80MHz)





Power frequency magnetic field



Voltage dips and interruptions



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