

FCC PART 15B

TEST REPORT

For

DGL Group LTD.

195 Raritan Center Parkway Edison, NJ 08837

FCC ID: 2AANZ17KR

Report Type: Original Report	Product Type: Travel Bass wireless LED Speaker
Report Number:	RSZ200708002-00A
Report Date:	2020-07-30
Reviewed By:	Ivan Cao Assistant Manager 
Test Laboratory:	Bay Area Compliance Laboratories Corp. (Dongguan) No.69 Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China Tel: +86-769-86858888 Fax: +86-769-86858891 www.baclcorp.com.cn

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GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

EUT Name:	Travel Bass wireless LED Speaker
EUT Model:	DG-17KR-BLK
Highest Operation Frequency:	2480MHz
Rated Input Voltage:	DC 3.7V from Battery or DC 5V from USB port
Serial Number:	RSZ200708002-RF -S1
EUT Received Date:	2020.07.14
EUT Received Status:	Good

Objective

This report is prepared on behalf of *DGL Group LTD.* in accordance with Part 2, Part J, and Part 15, Subpart A and B of the Federal Communications Commission's rules..

The objective is to determine the compliance of EUT with: FCC Part 15B.

Related Submittal(s)/Grant(s)

FCC Part 15C DTS submissions with FCC ID: 2AANZ17KR

FCC Part 15C DSS submissions with FCC ID: 2AANZ17KR

Test Methodology

All measurements contained in this report were conducted with ANSI C63.4-2014 American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.

All radiated and conducted emissions measurement was performed at Bay Area Compliance Laboratories Corp. (Dongguan).

Measurement Uncertainty

Parameter	Measurement Uncertainty
Unwanted Emissions, radiated	30M~200MHz: 4.55 dB, 200M~1GHz: 5.92 dB, 1G~6GHz: 4.98 dB, 6G~18GHz: 5.89 dB, 18G~26.5G: 5.47 dB, 26.5G~40G: 5.63 dB
Temperature	±1 °C
Humidity	±5%
AC Power Lines Conducted Emission	3.12 dB (150 kHz to 30 MHz)

Note: Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.69 Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 897218, the FCC Designation No. : CN1220.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0022.

Declarations

BACL is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol “△”. Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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This report may contain data that are not covered by the accreditation scope and shall be marked with an asterisk “★”.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in typical fashion (as normally used by a typical user)

Test mode 1(M1):: TF Card Playing

Test mode 2(M2):: USB Playing

Test mode 3(M3):: AUX Playing

Test mode 4(M4): BT Playing

Equipment Modifications

No modification was made to the EUT.

EUT Exercise Software

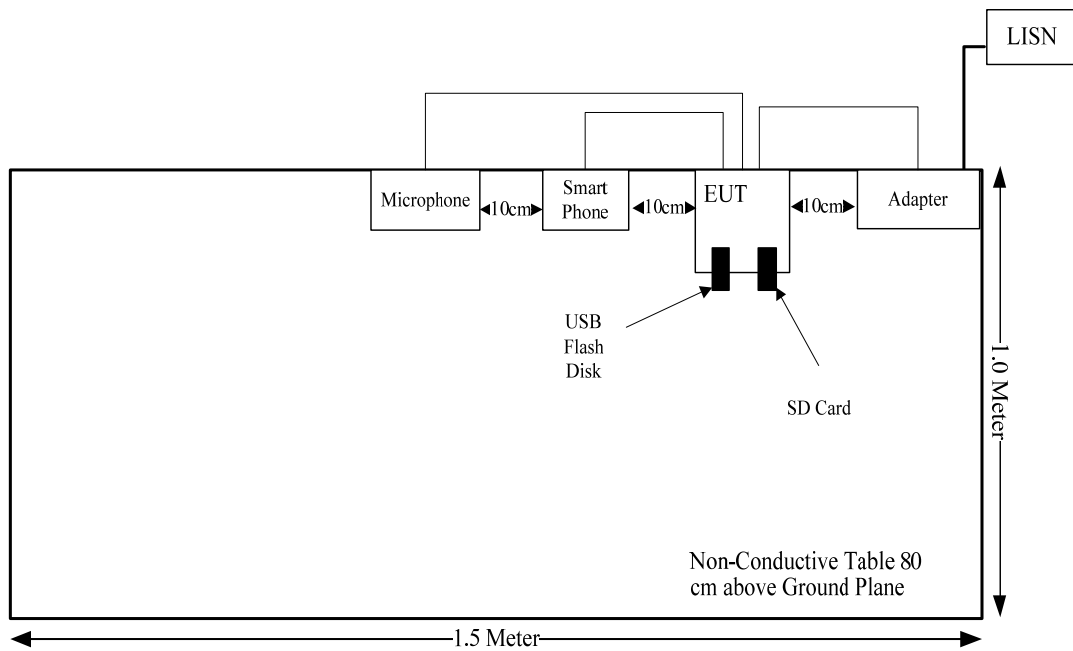
No software was used in test.

Local Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
IPRO	Adapter	NTR-S01	190725003
USB Flash Disk	Kingston	32G	249633
GlocalMe	Smartphone	P3S18	3089d47dfb40
Keenion	Microphone	Un-known	MIC-001
SanDisk	TF card	4G	249520

Support Cable List and Details

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
Audio Cable	No	No	1	EUT	Smartphone
USB Cable	No	No	1	Adapter	EUT
Audio Cable	No	No	1	EUT	Microphone

Block Diagram of Test Setup

Test Equipment List

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
AC Line Conducted emission					
R&S	LISN	ENV 216	101614	2019-09-12	2020-09-12
R&S	EMI Test Receiver	ESCI	101121	2020-05-09	2021-05-09
Unknown	Coaxial Cable	C-NJNJ-50	C-0200-01	2019-09-05	2020-09-05
R&S	Test Software	EMC32	Version8.53.0	N/A	N/A
Radiated Emission					
Sunol Sciences	Antenna	JB3	A060611-1	2017-11-10	2020-11-10
R&S	EMI Test Receiver	ESR3	102453	2019-09-12	2020-09-12
Unknown	Coaxial Cable	C-NJNJ-50	C-0075-01	2019-09-05	2020-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-01	2019-09-05	2020-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-1400-01	2020-05-06	2021-05-06
HP	Amplifier	8447D	2727A05902	2019-09-05	2020-09-05
Farad	Test Software	EZ-EMC	V1.1.4.2	N/A	N/A
ETS-Lindgren	Horn Antenna	3115	000 527 35	2018-10-12	2021-10-12
Agilent	Spectrum Analyzer	E4440A	SG43360054	2020-05-09	2021-05-09
Unknown	Coaxial Cable	C-SJSJ-50	C-0800-01	2019-09-05	2020-09-05
Mini-Circuit	Amplifier	ZVA-213-S+	54201245	2019-09-05	2020-09-05

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Environmental Conditions

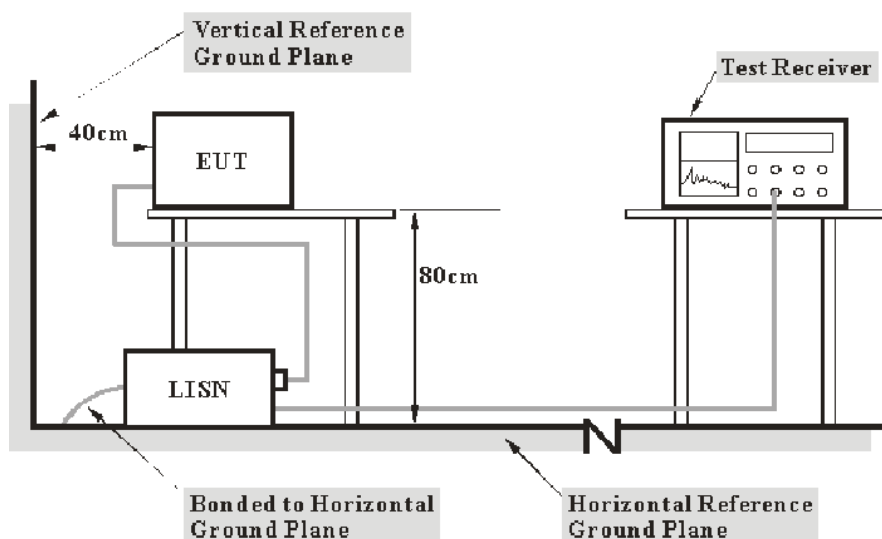
Test Items	AC Line Conducted emission	Radiation Below 1GHz	Radiation Above 1GHz
Temperature:	28.9 °C	28.1°C	29°C
Relative Humidity:	65%	46 %	56 %
ATM Pressure:	100.8 kPa	100.1kPa	99.9kPa
Tester:	Barry Yang	Daniel Liang	Joker Chen
Test Date:	2020-07-29	2020-07-17	2020-07-19

SUMMARY OF TEST RESULTS

SN	Rule and Clause	Description of Test	Test Result
1	FCC §15.107	Conducted emissions	Compliance
2	FCC §15.109	Radiated emissions	Compliance

CONDUCTED EMISSIONS

EUT Setup



- Note: 1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.4-2014 measurement procedure. The specification used was with the FCC Part 15 B Class B limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The adapter was connected to the Main LISN with 120V/60Hz AC power source.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

Test Procedure

During the conducted emission test, the PC was connected to the outlet of the first LISN and the other support equipments were connected to the outlet of the second LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT, the report shall list the six emissions with the smallest margin relative to the limit, unless the margin is greater than 20 dB.

All data was recorded in the Quasi-peak and average detection mode.

Corrected Amplitude & Margin Calculation

The basic equation is as follows:

$$V_C = V_R + A_C + VDF$$

Herein,

V_C : corrected voltage amplitude

V_R : reading voltage amplitude

A_C : attenuation caused by cable loss

VDF: voltage division factor of AMN or ISN

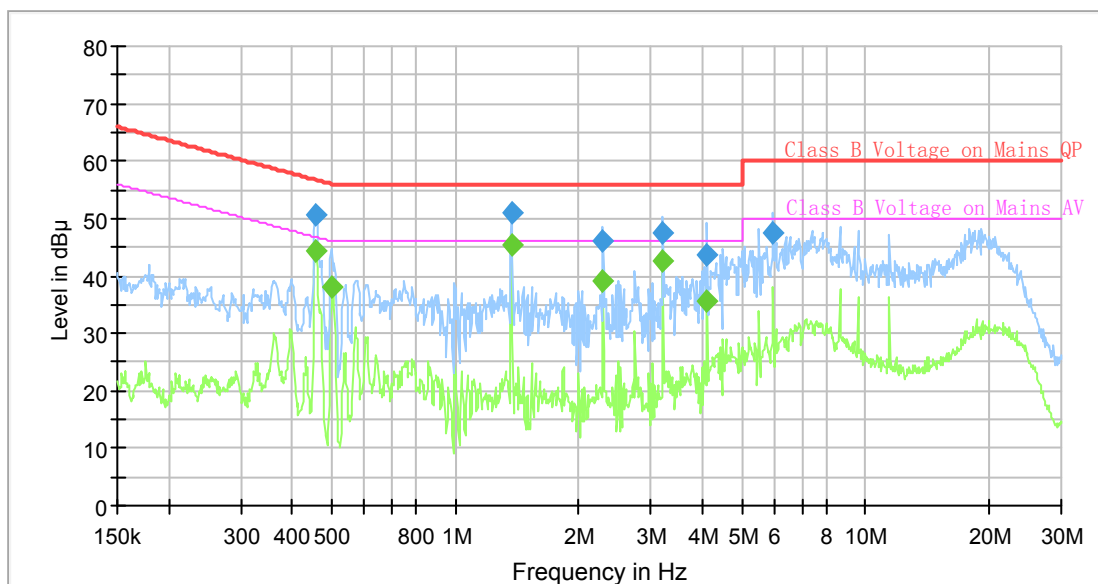
The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Limit} - \text{Corrected Amplitude}$$

Test Data

Please refer to following table and plots:

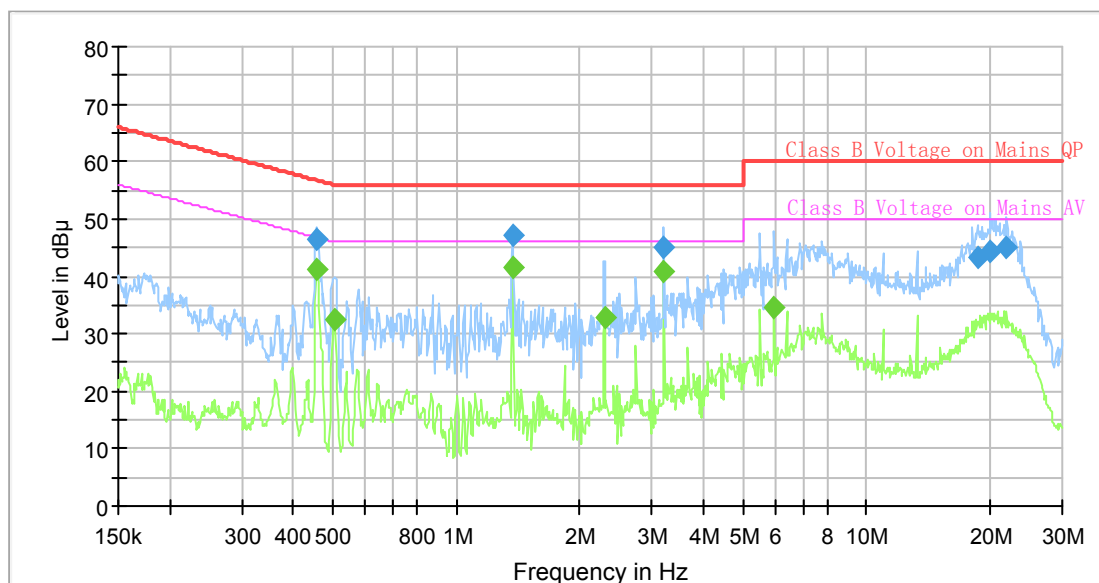
Port: L
 Test Mode: M1
 Power Source: AC 120V/60Hz
 Note:



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.456166	---	44.42	46.76	2.34	9.000	L1	9.7
0.458447	50.53	---	56.72	6.19	9.000	L1	9.7
0.501508	---	37.97	46.00	8.03	9.000	L1	9.7
1.373481	---	45.43	46.00	0.57	9.000	L1	9.7
1.373481	50.89	---	56.00	5.11	9.000	L1	9.7
2.284341	---	39.20	46.00	6.80	9.000	L1	9.8
2.284341	46.20	---	56.00	9.80	9.000	L1	9.8
3.206662	47.59	---	56.00	8.41	9.000	L1	9.8
3.206662	---	42.63	46.00	3.37	9.000	L1	9.8
4.114871	43.75	---	56.00	12.25	9.000	L1	9.8
4.114871	---	35.61	46.00	10.39	9.000	L1	9.8
5.951752	47.66	---	60.00	12.34	9.000	L1	9.8

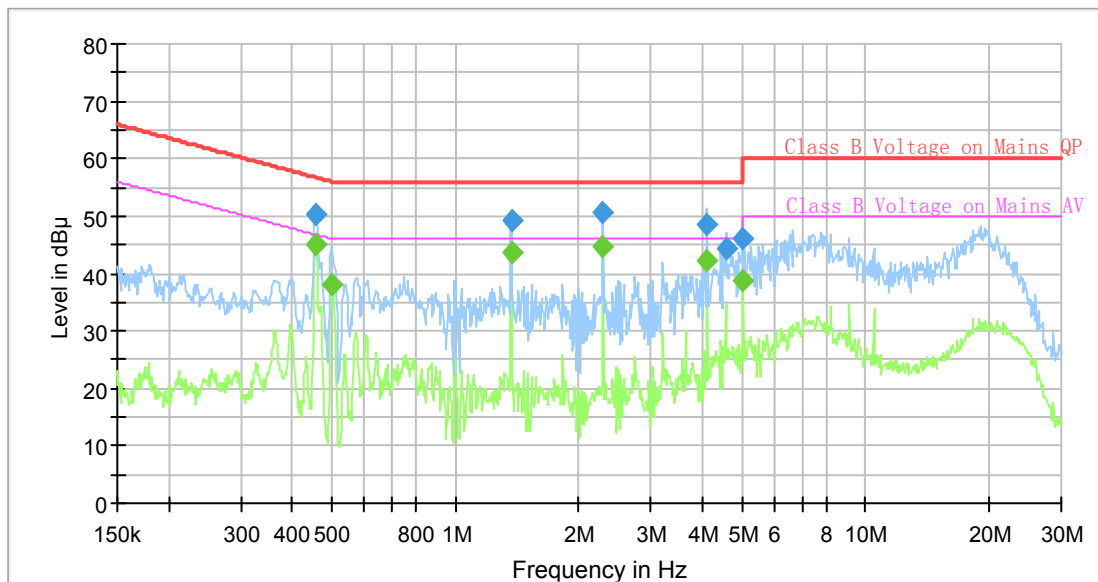
Port: N
Test Mode: M1
Power Source: AC 120V/60Hz
Note:



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.458447	---	41.08	46.72	5.64	9.000	N	9.6
0.458447	46.62	---	56.72	10.10	9.000	N	9.6
0.504016	---	32.55	46.00	13.45	9.000	N	9.6
1.373481	---	41.41	46.00	4.59	9.000	N	9.6
1.373481	47.02	---	56.00	8.98	9.000	N	9.6
2.295763	---	32.87	46.00	13.13	9.000	N	9.6
3.206662	45.12	---	56.00	10.88	9.000	N	9.6
3.206662	---	40.92	46.00	5.08	9.000	N	9.6
5.951752	---	34.72	50.00	15.28	9.000	N	9.7
18.649748	43.39	---	60.00	16.61	9.000	N	10.1
19.998519	44.42	---	60.00	15.58	9.000	N	10.1
21.986344	44.96	---	60.00	15.04	9.000	N	10.1

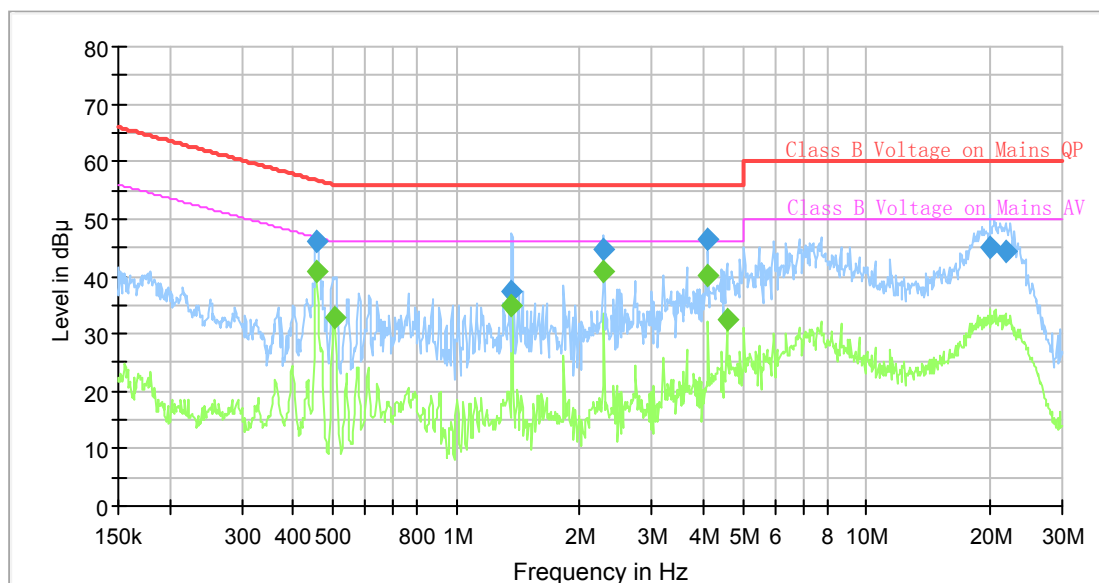
Port: L
 Test Mode: M2
 Power Source: AC 120V/60Hz
 Note:



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.456166	---	44.92	46.76	1.84	9.000	L1	9.7
0.456166	50.43	---	56.76	6.33	9.000	L1	9.7
0.501508	---	38.02	46.00	7.98	9.000	L1	9.7
1.373481	49.25	---	56.00	6.75	9.000	L1	9.7
1.373481	---	43.57	46.00	2.43	9.000	L1	9.7
2.284341	50.68	---	56.00	5.32	9.000	L1	9.8
2.284341	---	44.78	46.00	1.22	9.000	L1	9.8
4.114871	---	42.27	46.00	3.73	9.000	L1	9.8
4.114871	48.63	---	56.00	7.37	9.000	L1	9.8
4.569236	44.50	---	56.00	11.50	9.000	L1	9.8
5.023411	---	38.78	50.00	11.22	9.000	L1	9.8
5.023411	46.00	---	60.00	14.00	9.000	L1	9.8

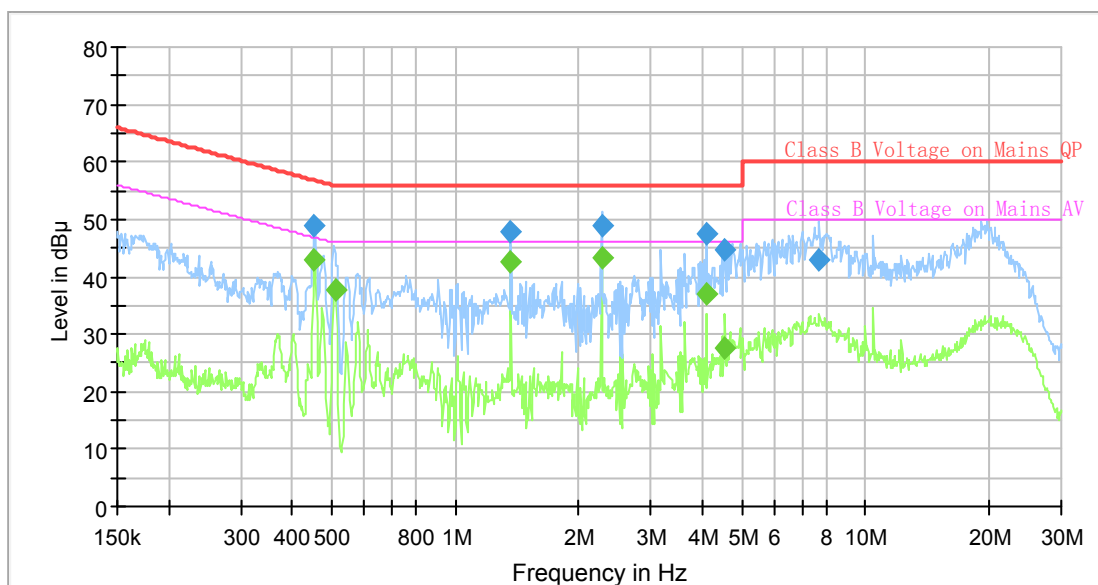
Port: N
 Test Mode: M2
 Power Source: AC 120V/60Hz
 Note:



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.456166	---	40.75	46.76	6.01	9.000	N	9.6
0.456166	45.99	---	56.76	10.77	9.000	N	9.6
0.504016	---	32.68	46.00	13.32	9.000	N	9.6
1.366648	---	34.91	46.00	11.09	9.000	N	9.6
1.366648	37.44	---	56.00	18.56	9.000	N	9.6
2.284341	---	40.71	46.00	5.29	9.000	N	9.6
2.284341	44.66	---	56.00	11.34	9.000	N	9.6
4.114871	46.31	---	56.00	9.69	9.000	N	9.7
4.114871	---	40.09	46.00	5.91	9.000	N	9.7
4.569236	---	32.36	46.00	13.64	9.000	N	9.7
19.998519	44.90	---	60.00	15.10	9.000	N	10.1
21.876959	44.24	---	60.00	15.76	9.000	N	10.1

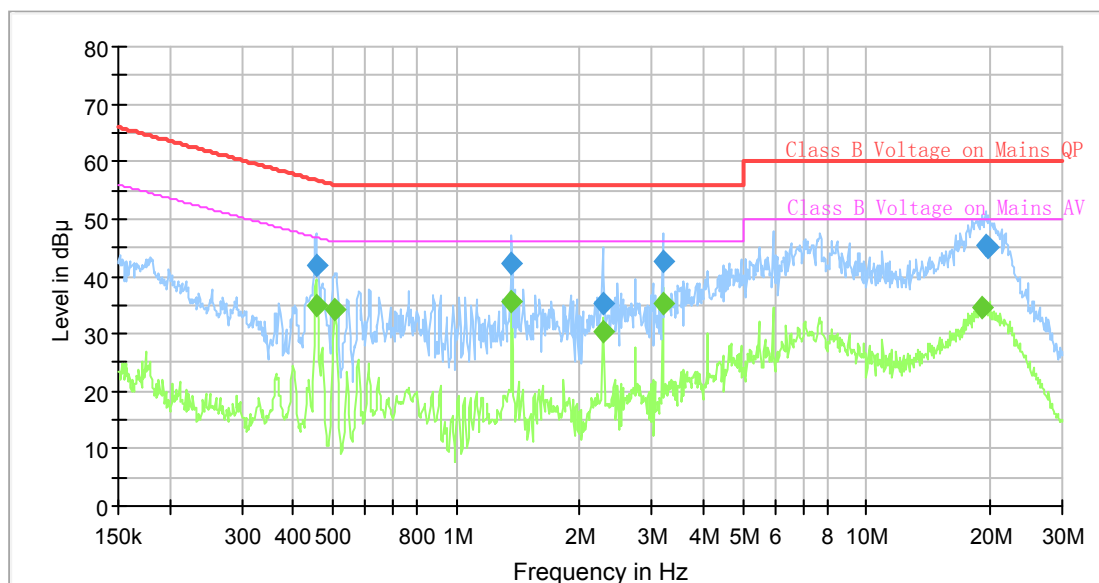
Port: L
 Test Mode: M3
 Power Source: AC 120V/60Hz
 Note:



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.453897	---	43.11	46.80	3.69	9.000	L1	9.7
0.453897	49.03	---	56.80	7.77	9.000	L1	9.7
0.509069	---	37.76	46.00	8.24	9.000	L1	9.7
1.366648	---	42.71	46.00	3.29	9.000	L1	9.7
1.366648	47.70	---	56.00	8.30	9.000	L1	9.7
2.272976	---	43.31	46.00	2.69	9.000	L1	9.8
2.272976	49.04	---	56.00	6.96	9.000	L1	9.8
4.094399	47.67	---	56.00	8.33	9.000	L1	9.8
4.094399	---	36.98	46.00	9.02	9.000	L1	9.8
4.546503	44.68	---	56.00	11.32	9.000	L1	9.8
4.546503	---	27.66	46.00	18.34	9.000	L1	9.8
7.714007	42.97	---	60.00	17.03	9.000	L1	9.9

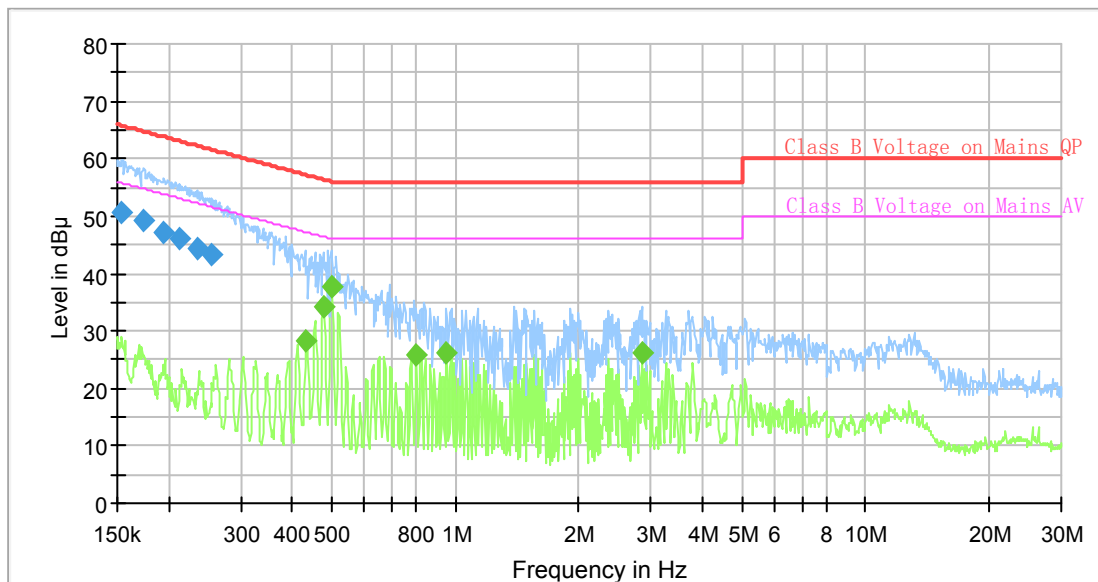
Port: N
 Test Mode: M3
 Power Source: AC 120V/60Hz
 Note:



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.456166	---	35.07	46.76	11.69	9.000	N	9.6
0.456166	41.84	---	56.76	14.92	9.000	N	9.6
0.506536	---	34.33	46.00	11.67	9.000	N	9.6
1.366648	---	35.64	46.00	10.36	9.000	N	9.6
1.366648	42.37	---	56.00	13.63	9.000	N	9.6
2.272976	---	30.39	46.00	15.61	9.000	N	9.6
2.272976	35.43	---	56.00	20.57	9.000	N	9.6
3.190708	42.60	---	56.00	13.40	9.000	N	9.6
3.190708	---	35.13	46.00	10.87	9.000	N	9.6
19.216281	---	34.56	50.00	15.44	9.000	N	10.1
19.505969	45.42	---	60.00	14.58	9.000	N	10.1
19.800024	45.05	---	60.00	14.95	9.000	N	10.1

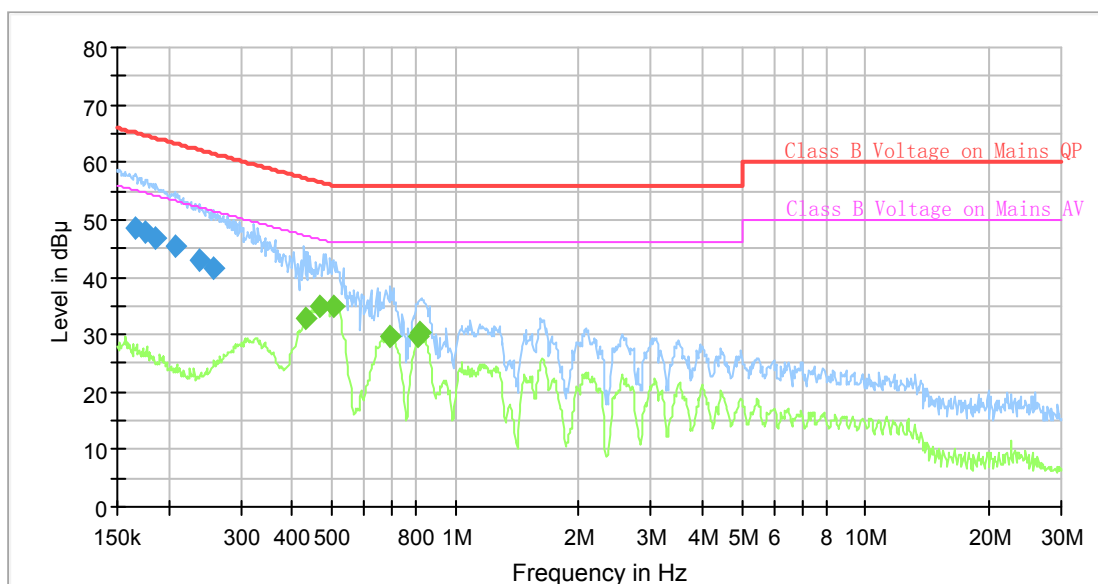
Port: L
Test Mode: M4
Power Source: AC 120V/60Hz
Note:



Final Result

Frequency (MHz)	QuasiPeak (dB μ V)	Average (dB μ V)	Limit (dB μ V)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.153788	50.49	---	65.79	15.30	9.000	L1	9.7
0.174210	49.16	---	64.76	15.60	9.000	L1	9.7
0.195386	47.32	---	63.80	16.48	9.000	L1	9.7
0.213738	46.16	---	63.06	16.90	9.000	L1	9.7
0.234983	44.27	---	62.27	18.00	9.000	L1	9.7
0.255776	43.45	---	61.57	18.12	9.000	L1	9.7
0.431814	---	28.18	47.22	19.04	9.000	L1	9.7
0.477109	---	34.27	46.39	12.12	9.000	L1	9.7
0.499013	---	37.82	46.02	8.20	9.000	L1	9.7
0.805479	---	25.81	46.00	20.19	9.000	L1	9.7
0.954334	---	26.26	46.00	19.74	9.000	L1	9.7
2.844905	---	26.32	46.00	19.68	9.000	L1	9.8

Port: N
Test Mode: M4
Power Source: AC 120V/60Hz
Note:

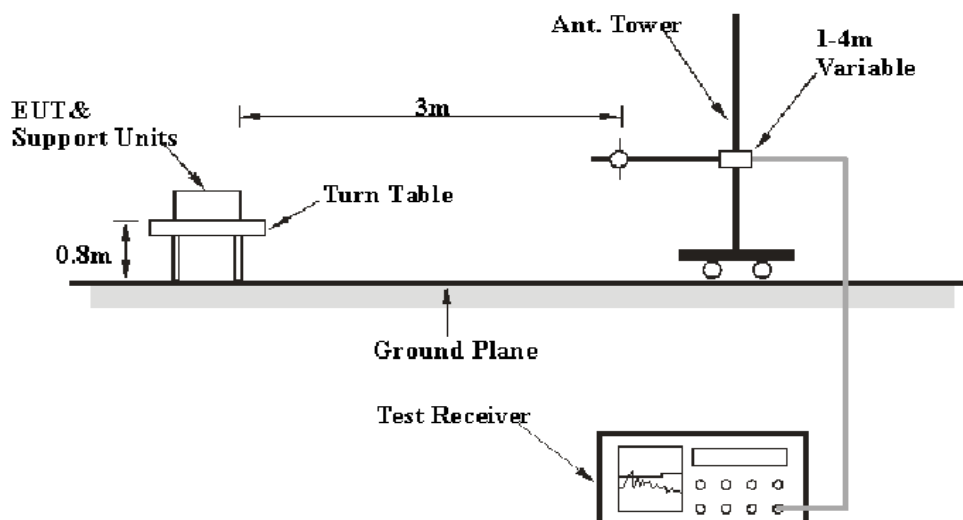


Final Result

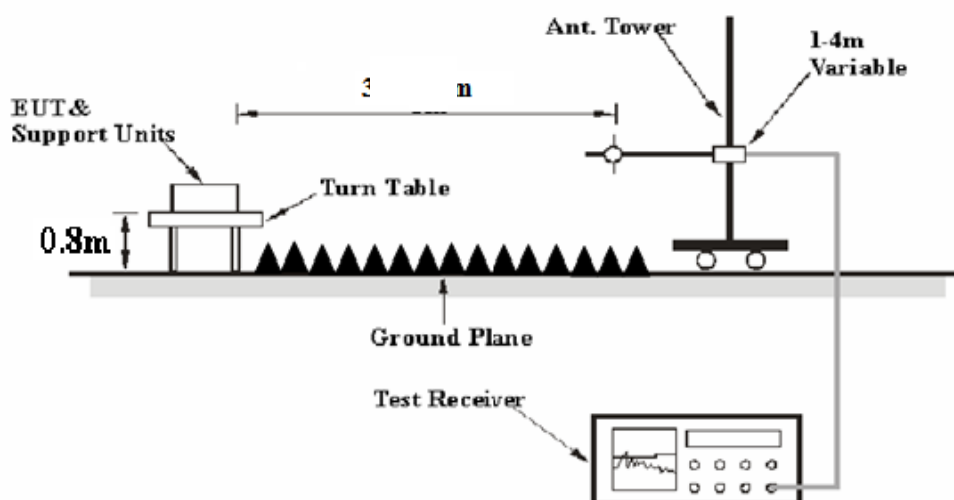
Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.166563	48.57	---	65.13	16.56	9.000	N	9.7
0.175956	47.88	---	64.67	16.79	9.000	N	9.7
0.185880	46.69	---	64.22	17.53	9.000	N	9.7
0.207437	45.28	---	63.31	18.03	9.000	N	9.7
0.238526	43.11	---	62.15	19.04	9.000	N	9.7
0.258340	41.58	---	61.48	19.90	9.000	N	9.7
0.431814	---	32.88	47.22	14.34	9.000	N	9.6
0.467685	---	34.90	46.55	11.65	9.000	N	9.6
0.504016	---	34.86	46.00	11.14	9.000	N	9.6
0.693541	---	29.74	46.00	16.26	9.000	N	9.6
0.813554	---	29.77	46.00	16.23	9.000	N	9.6
0.817621	---	30.22	46.00	15.78	9.000	N	9.6

RADIATED EMISSIONS

EUT Setup Below 1GHz:



Above 1GHz:



The radiated emission below 1GHz tests were performed in the 3 meters chamber test site A, above 1GHz tests were performed in the 3 meters chamber test site B, using the setup accordance with the ANSI C63.4-2014. The specification used was with the FCC Part 15 B Class B limits.

EMI Test Receiver Setup

The system was investigated from 30 MHz to 13 GHz.

During the radiated emission test, the EMI test receiver was set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Measurement
30 MHz – 1000 MHz	120 kHz	300 kHz	120 kHz	QP
Above 1 GHz	1 MHz	3 MHz	/	Peak
	1 MHz	Reduced VBW	/	AVG

If the maximized peak measured value complies with under the limit more than 6dB, then it is unnecessary to perform an QP/Average measurement.

Test Procedure

During the radiated emissions, the adapter was connected to the first AC floor outlet and the other support equipments were connected to the second AC floor outlet.

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

The data was recorded in the Quasi-peak detection mode for below 1 GHz, peak and average detection mode above 1 GHz.

Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Meter Reading+ Corrected

Note:

Corrected = Antenna Factor + Cable Loss - Amplifier Gain

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7 dB means the emission is 7 dB below the limit. The equation for margin calculation is as follows:

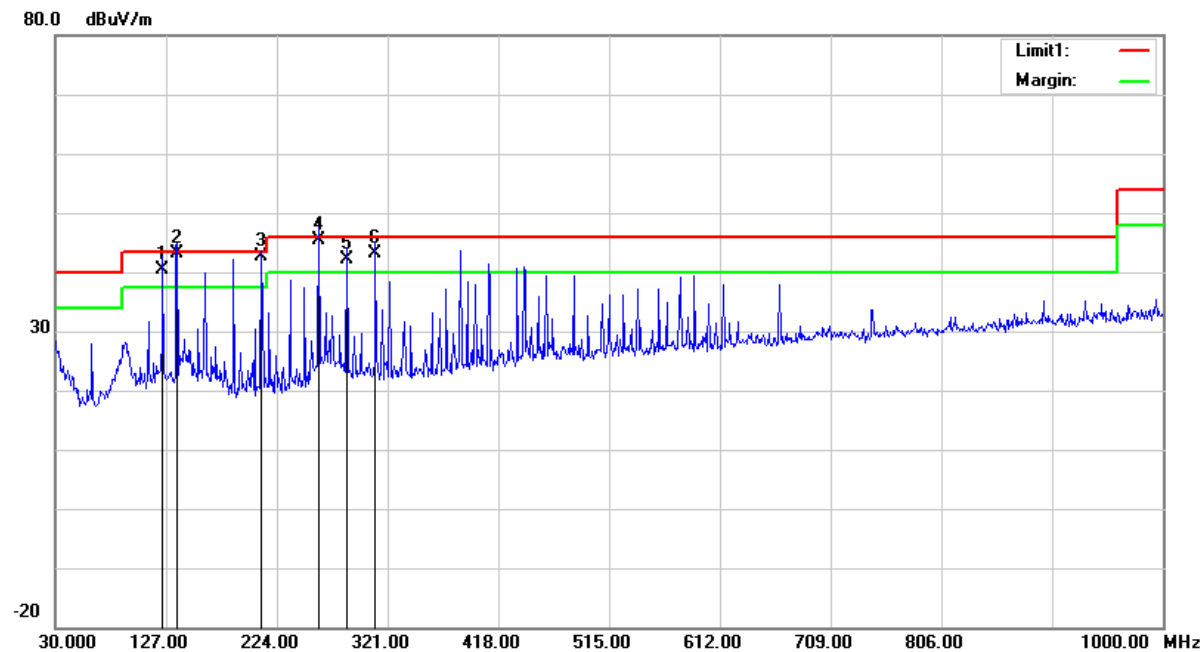
$$\text{Margin} = \text{Limit} - \text{Result}$$

Test Data

Please refer to following table and plots:

Condition: FCC Part 15B Class B
Test Mode: M1

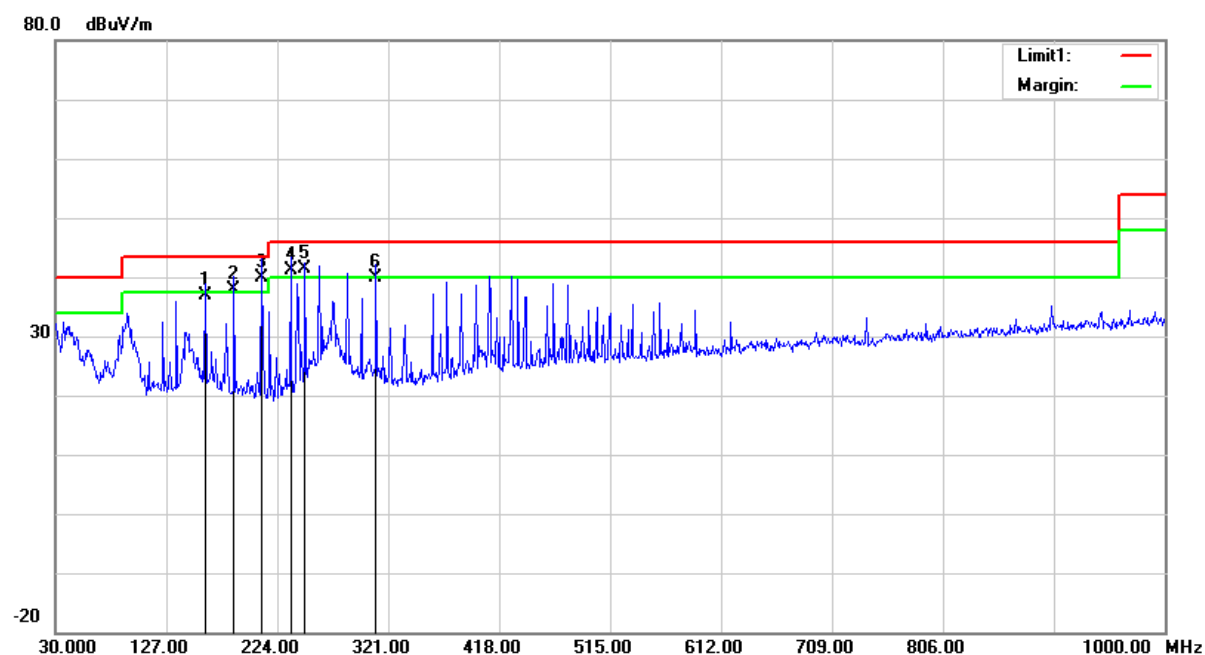
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	124.0900	45.18	QP	-4.75	40.43	43.50	3.07
2	136.7000	48.60	QP	-5.45	43.15	43.50	0.35
3	210.4200	49.90	QP	-7.34	42.56	43.50	0.94
4	260.8600	50.50	QP	-5.05	45.45	46.00	0.55
5	285.1100	46.01	QP	-3.91	42.10	46.00	3.90
6	310.3300	46.72	QP	-3.49	43.23	46.00	2.77

Condition: FCC Part 15B Class B
Test Mode: M1

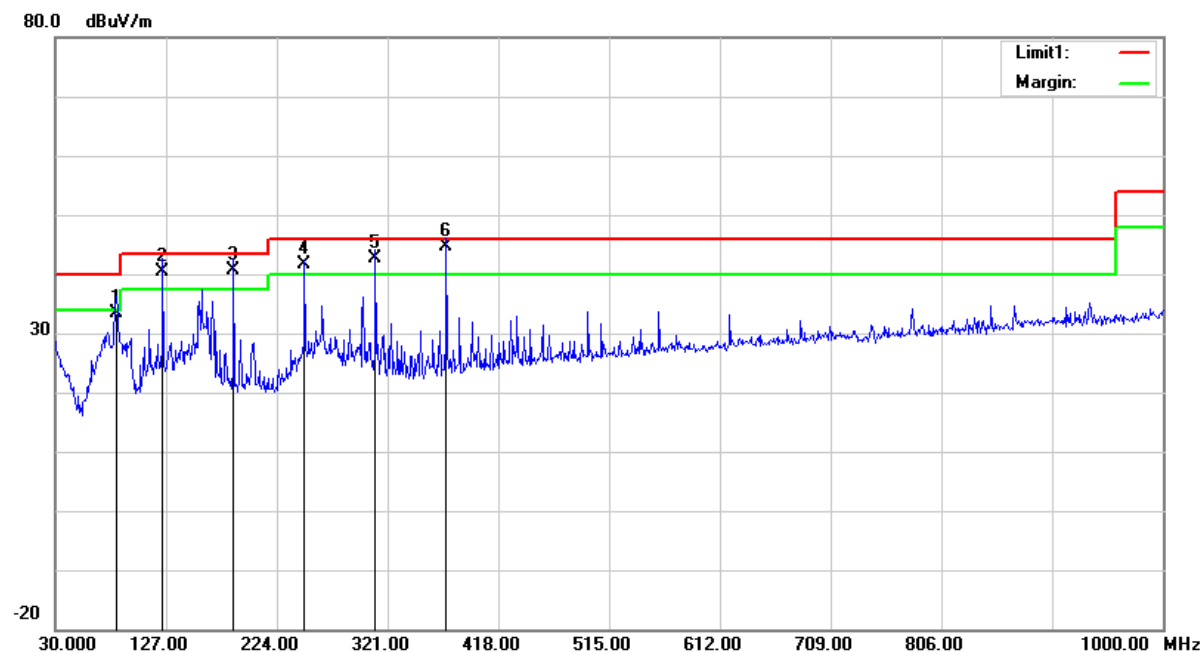
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	160.9500	43.07	QP	-6.13	36.94	43.50	6.56
2	186.1700	45.10	QP	-7.15	37.95	43.50	5.55
3	210.4200	47.13	QP	-7.34	39.79	43.50	3.71
4	235.6400	47.22	QP	-6.18	41.04	46.00	4.96
5	248.2500	47.32	QP	-5.87	41.45	46.00	4.55
6	310.3300	43.39	QP	-3.49	39.90	46.00	6.10

Condition: FCC Part 15B Class B
Test Mode: M2

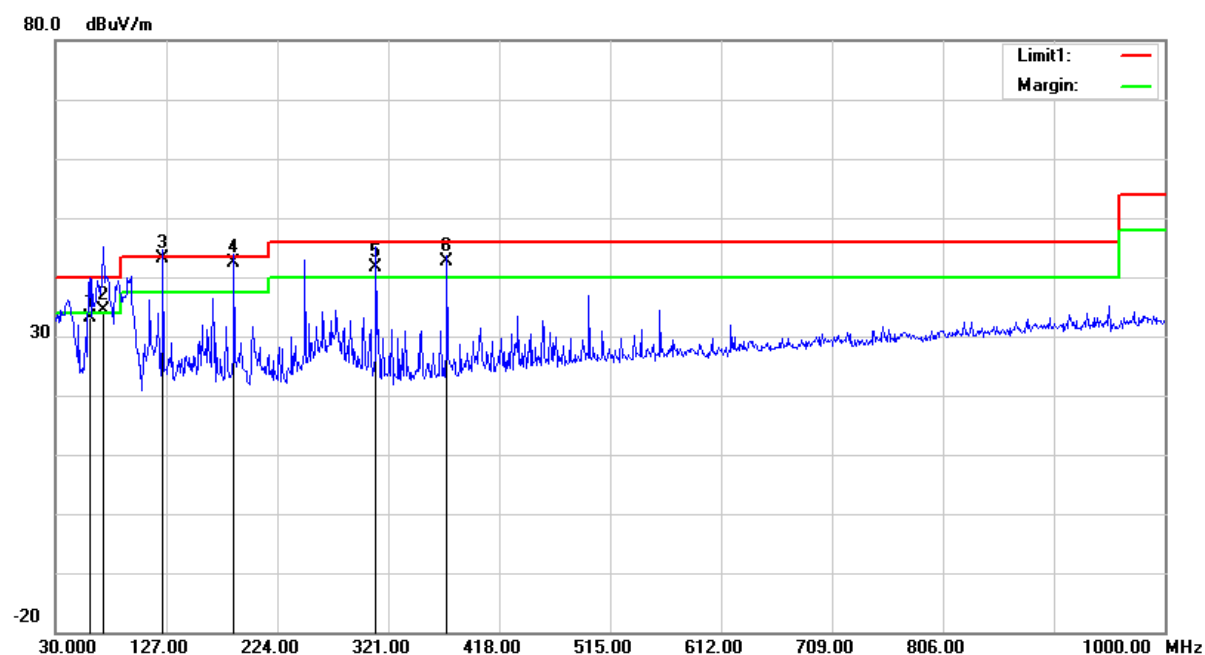
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	83.3500	44.95	QP	-11.54	33.41	40.00	6.59
2	124.0900	45.10	QP	-4.75	40.35	43.50	3.15
3	186.1700	47.76	QP	-7.15	40.61	43.50	2.89
4	248.2500	47.55	QP	-5.87	41.68	46.00	4.32
5	310.3300	46.08	QP	-3.49	42.59	46.00	3.41
6	372.4100	47.23	QP	-2.68	44.55	46.00	1.45

Condition: FCC Part 15B Class B
Test Mode: M2

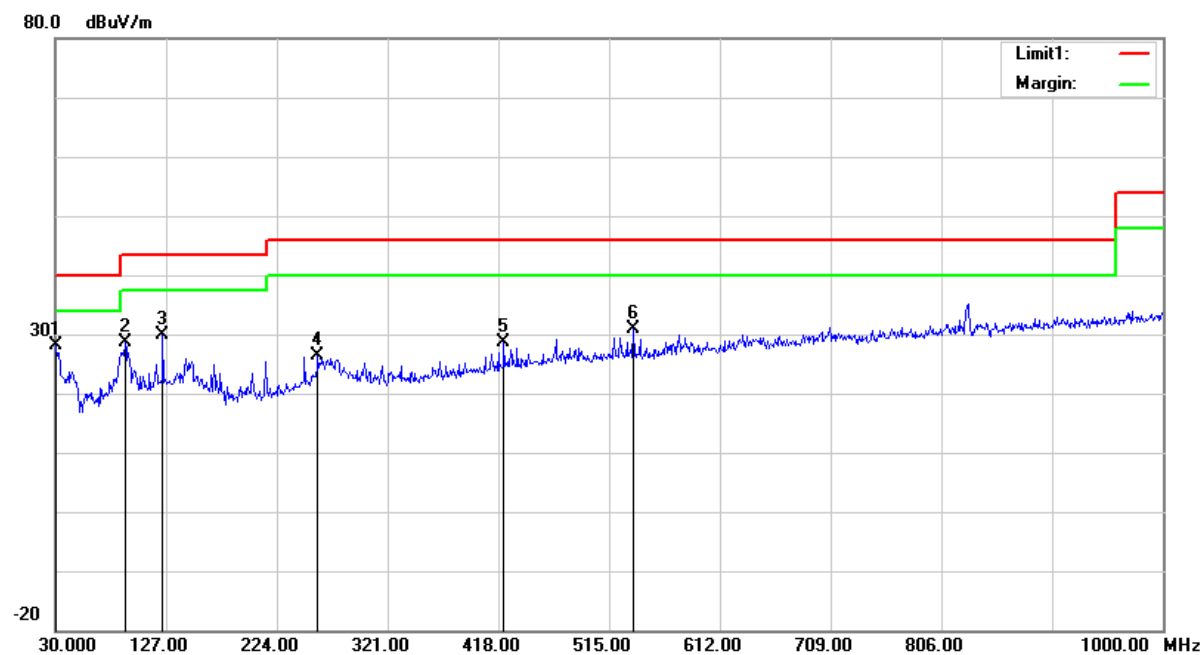
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	60.0700	45.50	QP	-12.34	33.16	40.00	6.84
2	71.7100	45.60	QP	-11.27	34.33	40.00	5.67
3	124.0900	47.83	QP	-4.75	43.08	43.50	0.42
4	186.1700	49.50	QP	-7.15	42.35	43.50	1.15
5	310.3300	45.20	QP	-3.49	41.71	46.00	4.29
6	372.4100	45.30	QP	-2.68	42.62	46.00	3.38

Condition: FCC Part 15B Class B
Test Mode: M3

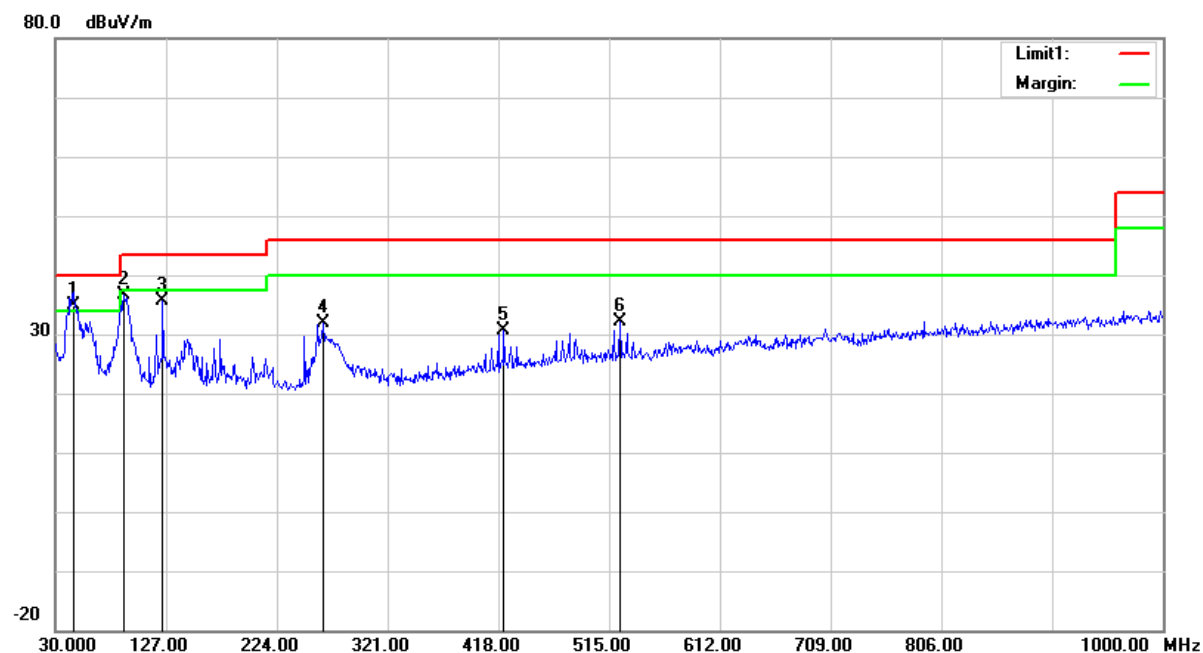
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	30.0000	26.55	peak	1.46	28.01	40.00	11.99
2	91.1100	39.95	peak	-11.29	28.66	43.50	14.84
3	124.0900	34.71	peak	-4.75	29.96	43.50	13.54
4	259.8900	31.49	peak	-5.21	26.28	46.00	19.72
5	422.8500	30.20	peak	-1.57	28.63	46.00	17.37
6	536.3400	30.72	peak	0.09	30.81	46.00	15.19

Condition: FCC Part 15B Class B
Test Mode: M3

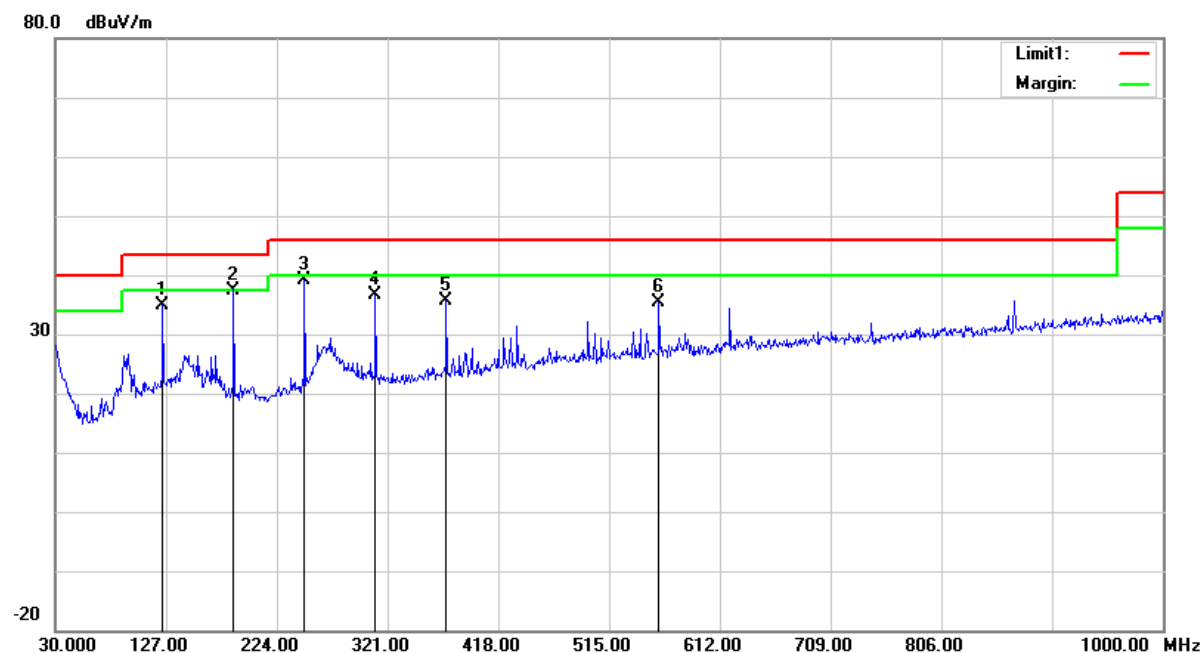
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	45.5200	44.62	QP	-9.63	34.99	40.00	5.01
2	90.1400	48.01	peak	-11.39	36.62	43.50	6.88
3	124.0900	40.47	peak	-4.75	35.72	43.50	7.78
4	264.7400	36.47	peak	-4.47	32.00	46.00	14.00
5	422.8500	32.29	peak	-1.57	30.72	46.00	15.28
6	524.7000	32.24	peak	-0.11	32.13	46.00	13.87

Condition: FCC Part 15B Class B
Test Mode: M4

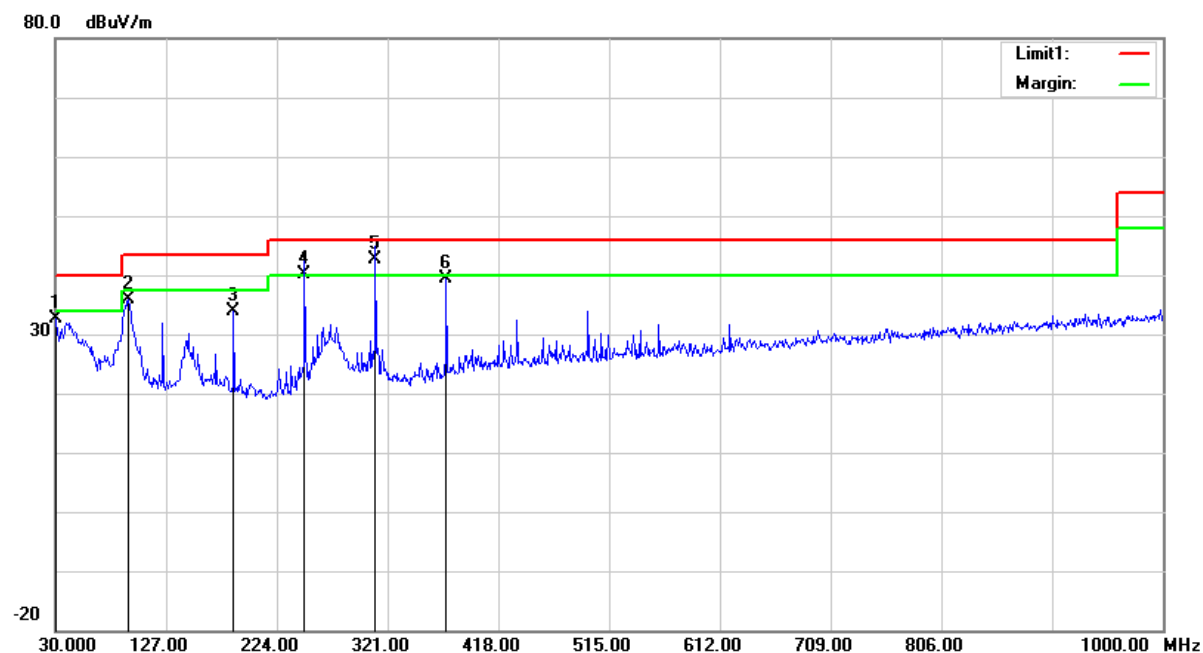
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	124.0900	39.58	peak	-4.75	34.83	43.50	8.67
2	186.1700	44.65	peak	-7.15	37.50	43.50	6.00
3	248.2500	45.05	peak	-5.87	39.18	46.00	6.82
4	310.3300	40.18	peak	-3.49	36.69	46.00	9.31
5	372.4100	38.26	peak	-2.68	35.58	46.00	10.42
6	558.6500	35.06	peak	0.31	35.37	46.00	10.63

Condition: FCC Part 15B Class B
Test Mode: M4

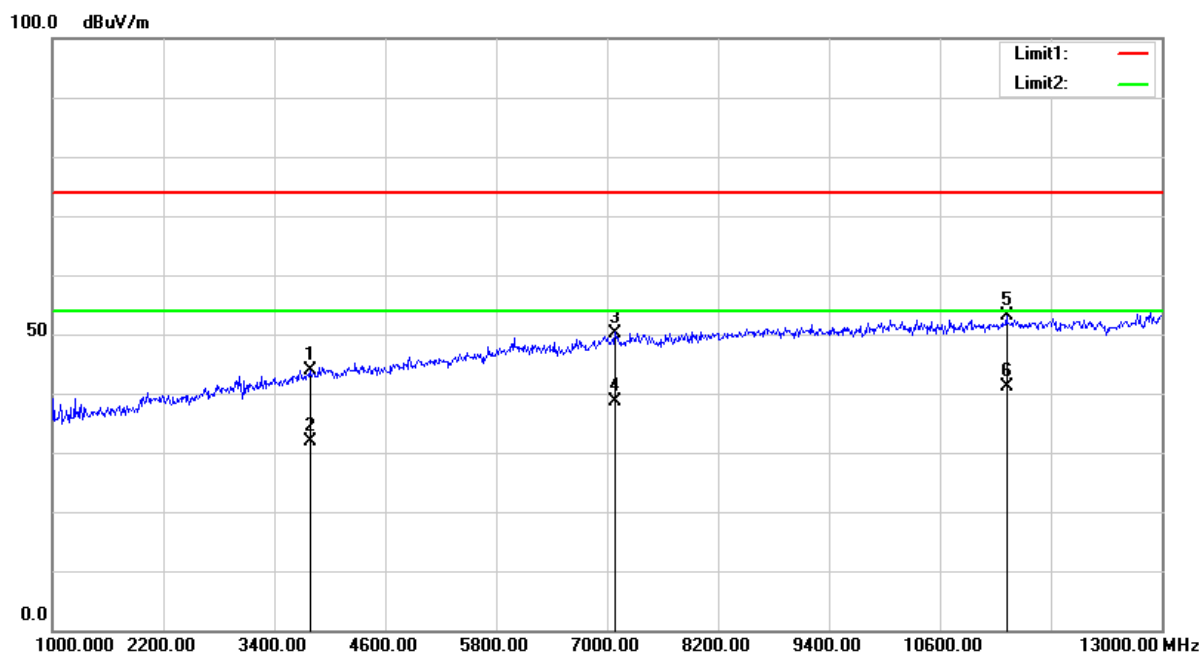
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	30.0000	31.10	peak	1.46	32.56	40.00	7.44
2	94.0200	46.50	peak	-10.66	35.84	43.50	7.66
3	186.1700	41.10	peak	-7.15	33.95	43.50	9.55
4	248.2500	46.05	QP	-5.87	40.18	46.00	5.82
5	310.3300	46.10	QP	-3.49	42.61	46.00	3.39
6	372.4100	42.04	peak	-2.68	39.36	46.00	6.64

Condition: FCC Part 15B Class B
Test Mode: M1

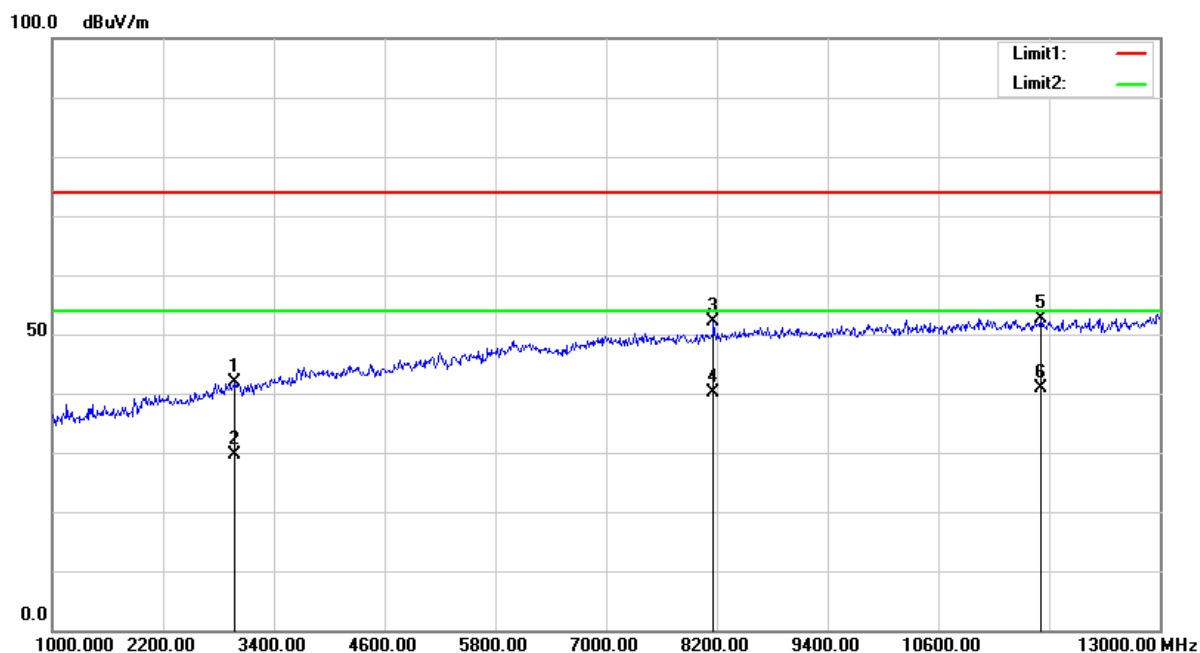
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	3784.000	35.26	peak	8.60	43.86	74.00	30.14
2	3784.000	23.37	AVG	8.60	31.97	54.00	22.03
3	7090.000	35.28	peak	14.97	50.25	74.00	23.75
4	7090.000	23.70	AVG	14.97	38.67	54.00	15.33
5	11320.000	33.19	peak	19.91	53.10	74.00	20.90
6	11320.000	21.33	AVG	19.91	41.24	54.00	12.76

Condition: FCC Part 15B Class B
Test Mode: M1

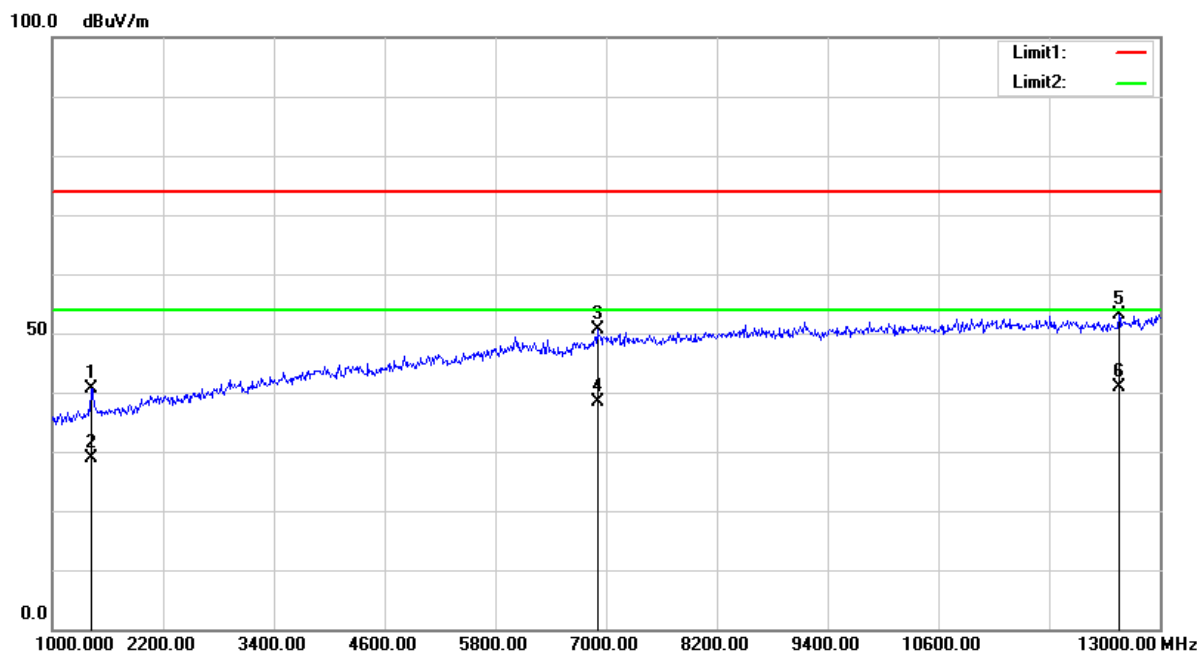
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	2980.000	35.72	peak	6.12	41.84	74.00	32.16
2	2980.000	23.61	AVG	6.12	29.73	54.00	24.27
3	8170.000	36.16	peak	15.85	52.01	74.00	21.99
4	8170.000	24.28	AVG	15.85	40.13	54.00	13.87
5	11722.000	32.43	peak	20.30	52.73	74.00	21.27
6	11722.000	20.55	AVG	20.30	40.85	54.00	13.15

Condition: FCC Part 15B Class B
Test Mode: M2

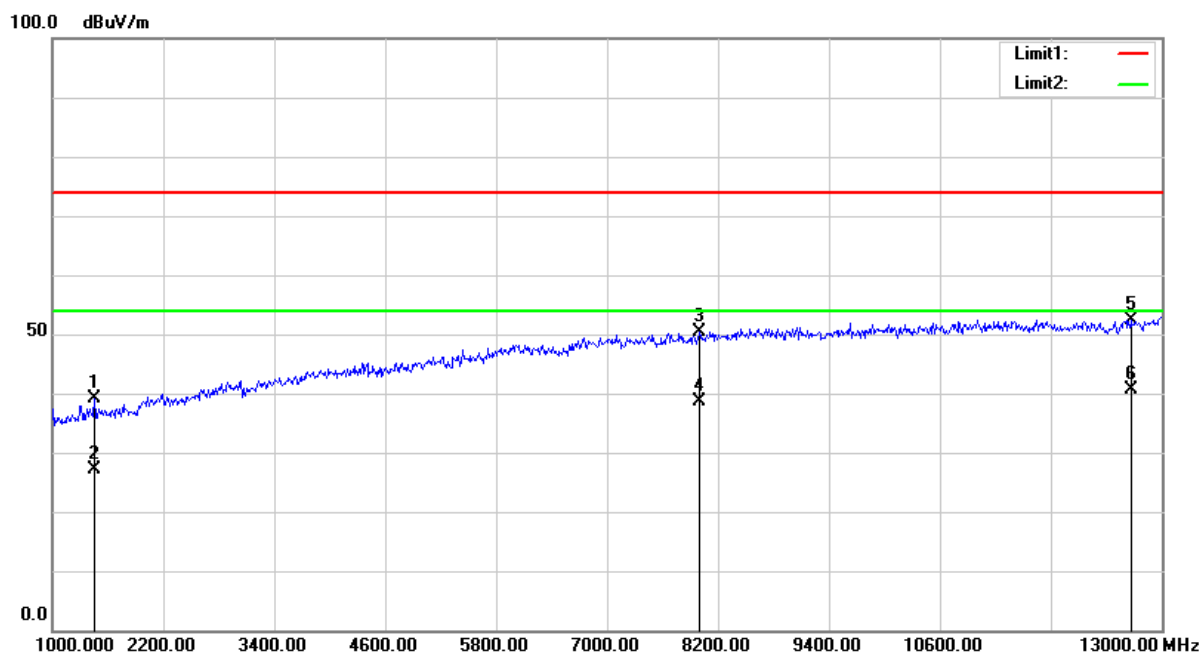
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	1420.000	40.18	peak	0.47	40.65	74.00	33.35
2	1420.000	28.30	AVG	0.47	28.77	54.00	25.23
3	6910.000	35.88	peak	14.74	50.62	74.00	23.38
4	6910.000	23.64	AVG	14.74	38.38	54.00	15.62
5	12556.000	32.65	peak	20.52	53.17	74.00	20.83
6	12556.000	20.42	AVG	20.52	40.94	54.00	13.06

Condition: FCC Part 15B Class B
Test Mode: M2

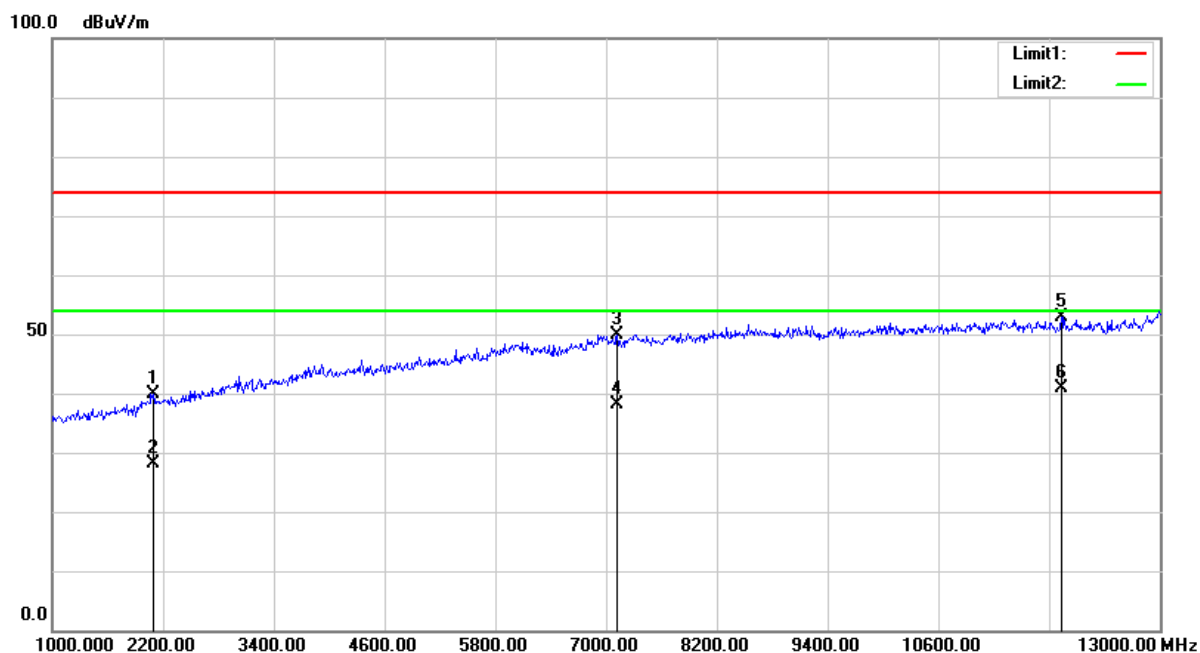
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	1456.000	38.20	peak	0.81	39.01	74.00	34.99
2	1456.000	26.34	AVG	0.81	27.15	54.00	26.85
3	8002.000	34.91	peak	15.52	50.43	74.00	23.57
4	8002.000	23.05	AVG	15.52	38.57	54.00	15.43
5	12670.000	31.64	peak	20.86	52.50	74.00	21.50
6	12670.000	19.72	AVG	20.86	40.58	54.00	13.42

Condition: FCC Part 15B Class B
Test Mode: M3

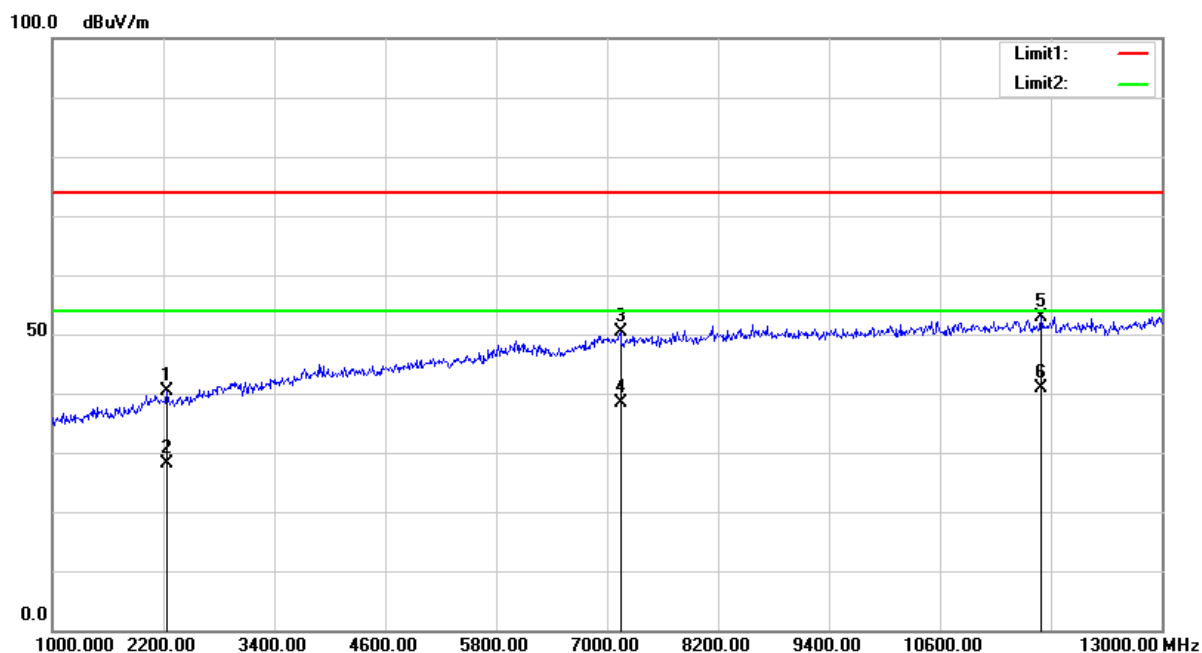
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	2092.000	36.13	peak	3.80	39.93	74.00	34.07
2	2092.000	24.25	AVG	3.80	28.05	54.00	25.95
3	7126.000	34.95	peak	14.97	49.92	74.00	24.08
4	7126.000	23.11	AVG	14.97	38.08	54.00	15.92
5	11932.000	32.46	peak	20.51	52.97	74.00	21.03
6	11932.000	20.29	AVG	20.51	40.80	54.00	13.20

Condition: FCC Part 15B Class B
Test Mode: M3

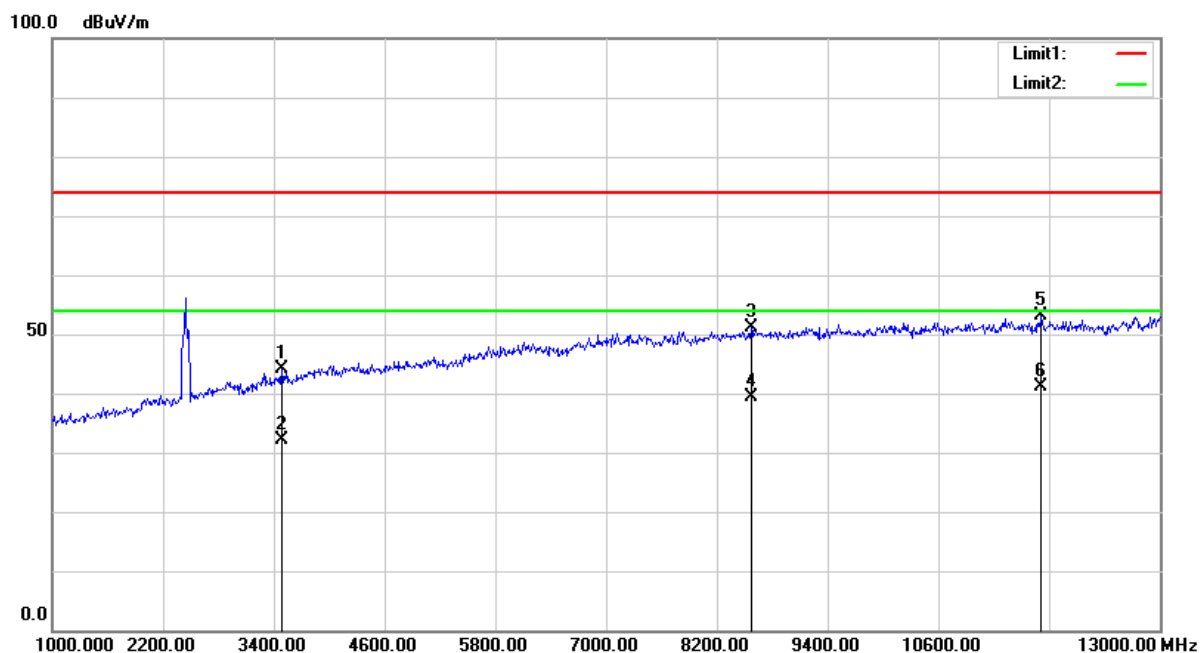
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	2242.000	36.74	peak	3.60	40.34	74.00	33.66
2	2242.000	24.63	AVG	3.60	28.23	54.00	25.77
3	7150.000	35.35	peak	14.96	50.31	74.00	23.69
4	7150.000	23.47	AVG	14.96	38.43	54.00	15.57
5	11692.000	32.70	peak	20.27	52.97	74.00	21.03
6	11692.000	20.49	AVG	20.27	40.76	54.00	13.24

Condition: FCC Part 15B Class B
Test Mode: M4

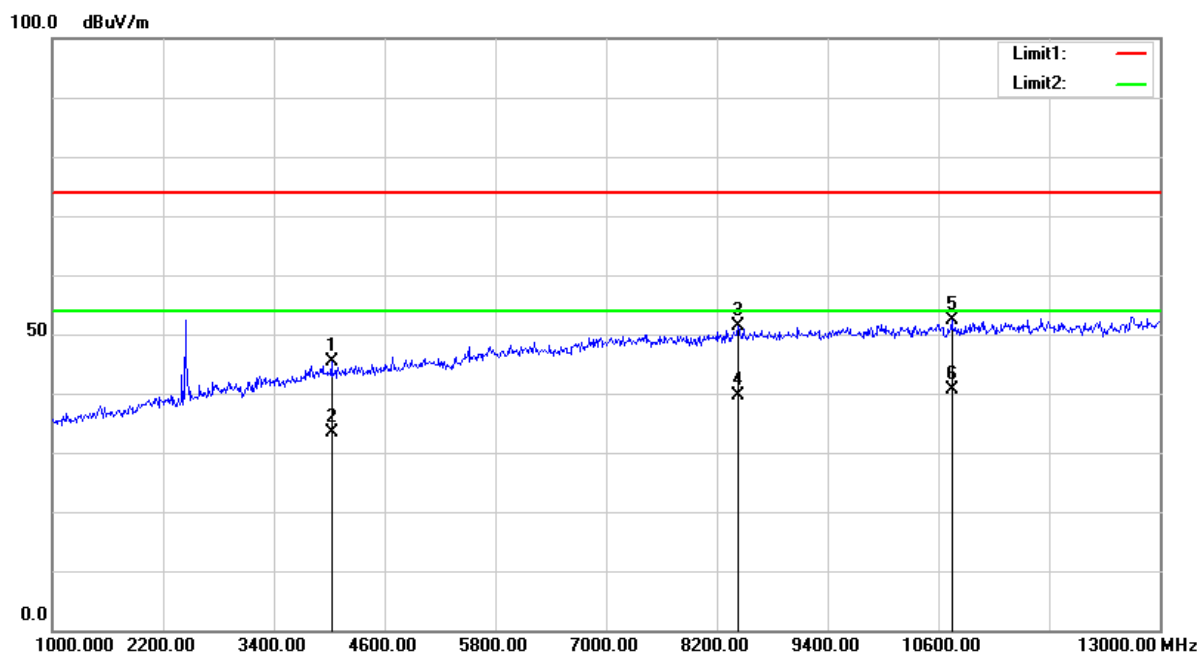
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	3484.000	36.25	peak	7.78	44.03	74.00	29.97
2	3484.000	24.37	AVG	7.78	32.15	54.00	21.85
3	8578.000	34.54	peak	16.63	51.17	74.00	22.83
4	8578.000	22.64	AVG	16.63	39.27	54.00	14.73
5	11716.000	32.76	peak	20.30	53.06	74.00	20.94
6	11716.000	20.88	AVG	20.30	41.18	54.00	12.82

Condition: FCC Part 15B Class B
Test Mode: M4

Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1	4030.000	36.20	peak	9.10	45.30	74.00	28.70
2	4030.000	24.37	AVG	9.10	33.47	54.00	20.53
3	8434.000	34.94	peak	16.37	51.31	74.00	22.69
4	8434.000	23.18	AVG	16.37	39.55	54.00	14.45
5	10750.000	33.08	peak	19.36	52.44	74.00	21.56
6	10750.000	21.16	AVG	19.36	40.52	54.00	13.48

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