

FCC PART 15B

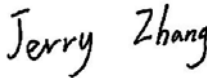
TEST REPORT

For

AKUVOX (XIAMEN) NETWORKS CO., LTD.

10/F, No.56, Software Park II , Xiamen, China

FCC ID: 2AHCR-VPR73G

Report Type: Original Report	Product Name: Video Phone
Report Number:	RXM190225051-00B
Report Date:	2019-09-18
Reviewed By:	Jerry Zhang EMC 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

Note: This test report is prepared for the customer shown above and for the device described herein. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Dongguan).

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GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

EUT Name:		Video Phone
EUT Model:		VP-R73G
Multiple Models:		R73G
Highest Operation Frequency:		5825MHz
Rated Input Voltage:		DC 12V from adapter or DC48V from PoE
Adapter Information	Model:	KL-AD3060VA
	Input:	100-240Vac
	Output:	DC 12V 1.5A
External Dimension:		260mm(L)*90mm(W)*230mm(H)
Serial Number:		190225051
EUT Received Date:		2019/3/2

Notes: Model VP-R73G and R73G are identical, was selected for fully testing except radiation emission test both modes, the detailed information about the difference among R73G and model VP-R73G can be referred to the declaration letter which was stated and guaranteed by the manufacturer.

Objective

This report is prepared on behalf of **AKUVOX (XIAMEN) NETWORKS CO., LTD.** in accordance with FCC Part 15B of the Federal Communications Commission's rules.

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

Related Submittal(s)/Grant(s)

FCC Part 15E NII submissions with FCC ID: 2AHCR-VPR73G
FCC Part 15C DTS submissions with FCC ID: 2AHCR-VPR73G
FCC Part 15E DTS submissions with FCC ID: 2AHCR-VPR73G

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	$\pm 1^{\circ}\text{C}$
Humidity	$\pm 5\%$
AC Power Lines Conducted Emission	3.12 dB (150 kHz to 30 MHz)

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.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in operating.

Equipment Modifications

No modification was made to the EUT.

EUT Exercise Software

No Software was used in test.

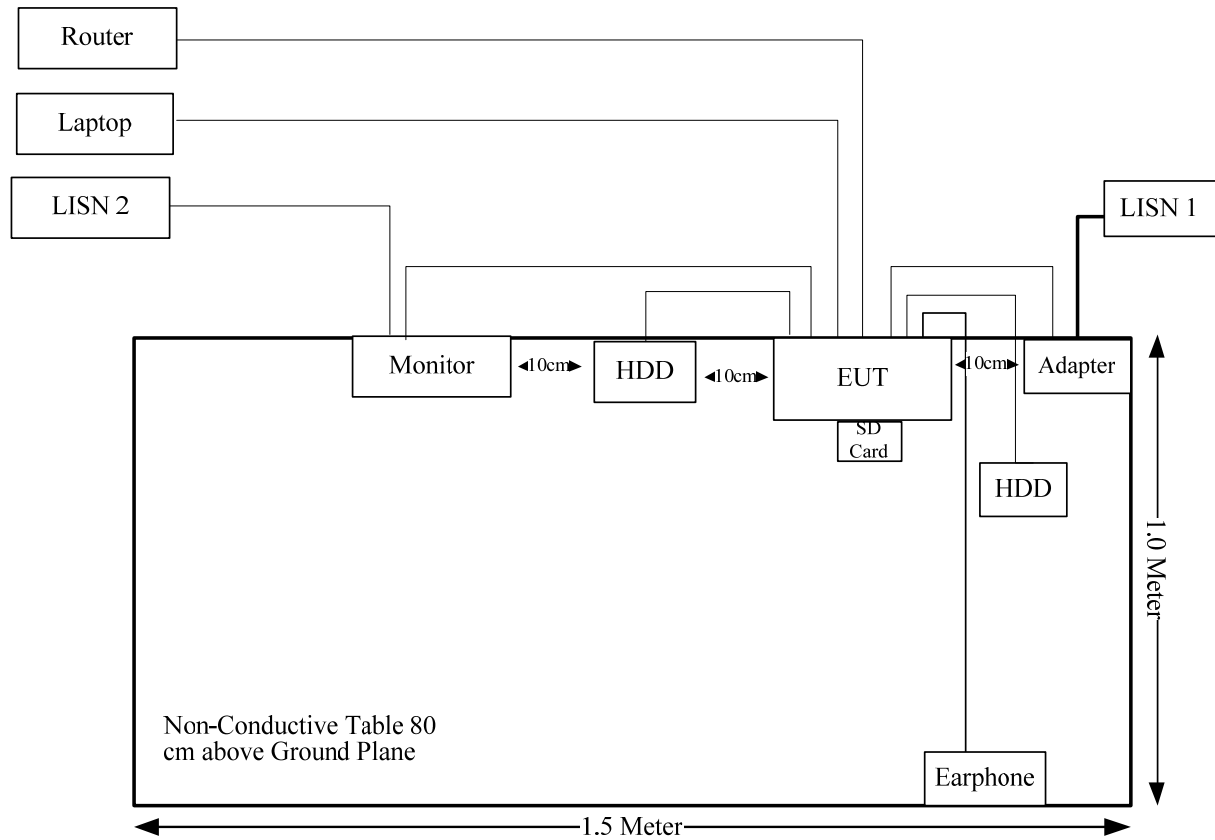
Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
SanDisk	SD Card	CZ36	521253
TOSKIBA	USB-HDD	Un-known	/
TOSKIBA	USB-HDD	Un-known	/
Un-known	Earphone	Un-known	/
SAMSUNG	Monitor	S22C330H	JPTVOB2337
A Division of Cisco Systems, Inc	POE	SA06-20S48-V	GPSESU-48P401-AM5BH
DELL	Laptop	PP11L	QDS-BRCM1017
Huawei	Router	WS5200	2.01701E+15

Support Cable List and Details

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
Earphone cable	No	No	1	EUT	Earphone
adapter cable	No	No	1.5	adapter	EUT
USB Cable	Yes	No	0.5	EUT	HDD
HDMI Cable	Yes	No	1	EUT	Monitor
RJ45 Cable	No	No	1	Router	EUT
RJ45 Cable	No	No	1	EUT	Laptop

Block Diagram of Test Setup



Test Equipment List

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted emissions					
R&S	EMI Test Receiver	ESCS 30	830245/006	2018-12-10	2019-12-10
Unknown	Coaxial Cable	C-NJNJ-50	C-0200-01	2018-09-05	2019-09-05
R&S	Test Software	EMC32	Version8.53.0	N/A	N/A
R&S	Two-line V-network	ENV 216	101614	2018-12-10	2019-12-10
Radiated emissions Below 1GHz					
R&S	EMI Test Receiver	ESR3	102453	2018-06-26	2019-06-26
Farad	Test Software	EZ-EMC	V1.1.4.2	N/A	N/A
Sunol Sciences	Antenna	JB3	A060611-1	2017-11-10	2020-11-10
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-01	2018-09-05	2019-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-0075-01	2018-09-05	2019-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-1400-01	2019-05-06	2020-05-06
HP	Amplifier	8447D	2727A05902	2018-09-05	2019-09-05
Radiated emissions Above 1GHz					
Agilent	Spectrum Analyzer	E4440A	SG43360054	2019-05-09	2020-05-09
R&S	Spectrum Analyzer	FSP 38	100478	2019-05-09	2020-05-09
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
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-01 1304	2016-11-18	2019-11-18
Ducommun Technologies	Horn Antenna	ARH-2823-02	1007726-01 1302	2016-11-18	2019-11-18
Unknown	Coaxial Cable	C-SJSJ-50	C-0800-01	2018-09-05	2019-09-05
MICRO-COAX	Coaxial Cable	UFA147-1-2362-100100	64639 231029-001	2019-02-24	2020-02-24
MITEQ	Amplifier	AFS42-00101800-25-S-42	2001271	2018-09-05	2019-09-05
Quinstar	Amplifier	QLW-18405536-JO	15964001001	2018-06-27	2019-06-27

* 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

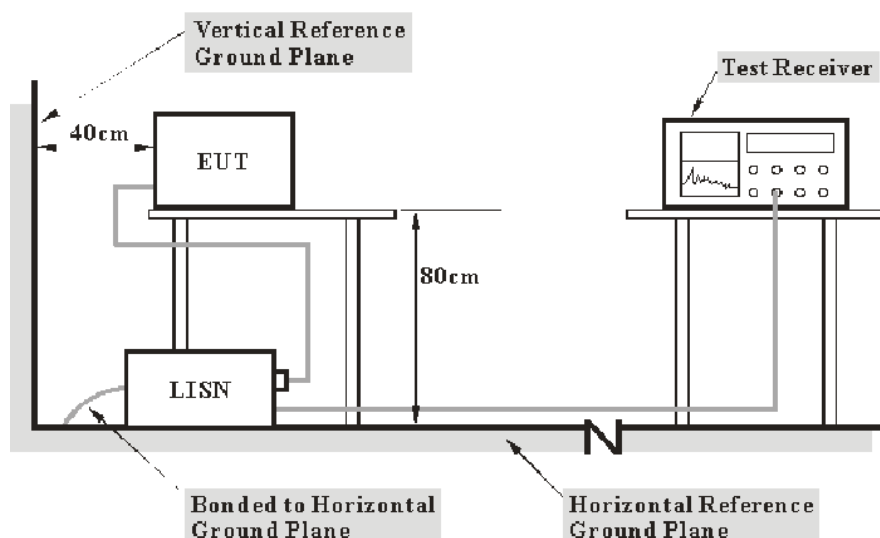
Test Item:	Conducted emissions	Radiated emissions
Test Date:	2019-05-01	2019-01-08~2019-08-27
Tester:	Lily Xie	Tyler Pan
Temperature:	27.1 °C	20.7~30 °C
Relative Humidity:	58%	36~56%
ATM Pressure:	99.8kPa	99.2~ 100. 6kPa

SUMMARY OF TEST RESULTS

Rule and Clause	Description of Test	Test Result
FCC §15.107	Conducted emissions	Compliance
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 EUT 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 EUT 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.

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:

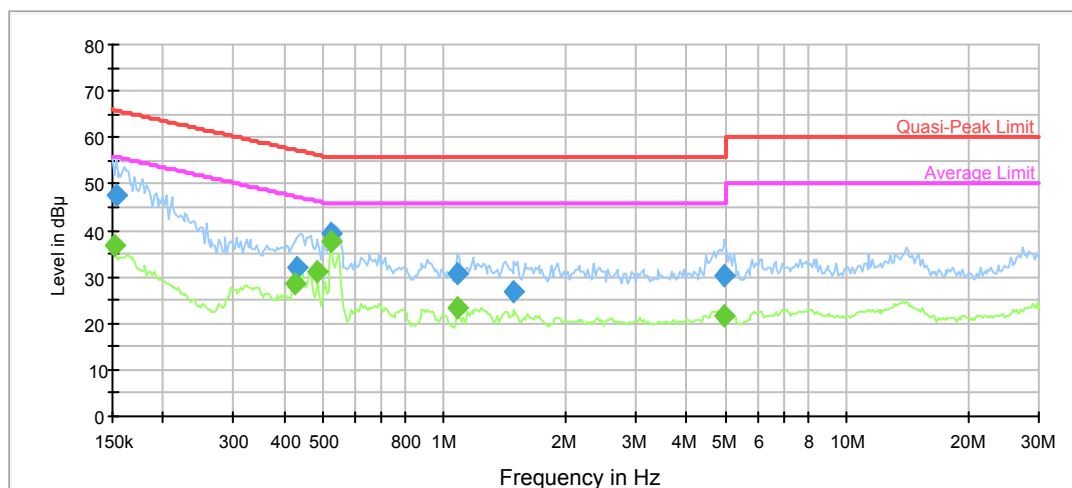
$$\text{Margin} = \text{Limit} - \text{Corrected Amplitude}$$

Test Data

Please refer to following table and plots:

Adapter:

Port: L
 Test Mode: Operating
 Power Source: AC120V/60Hz



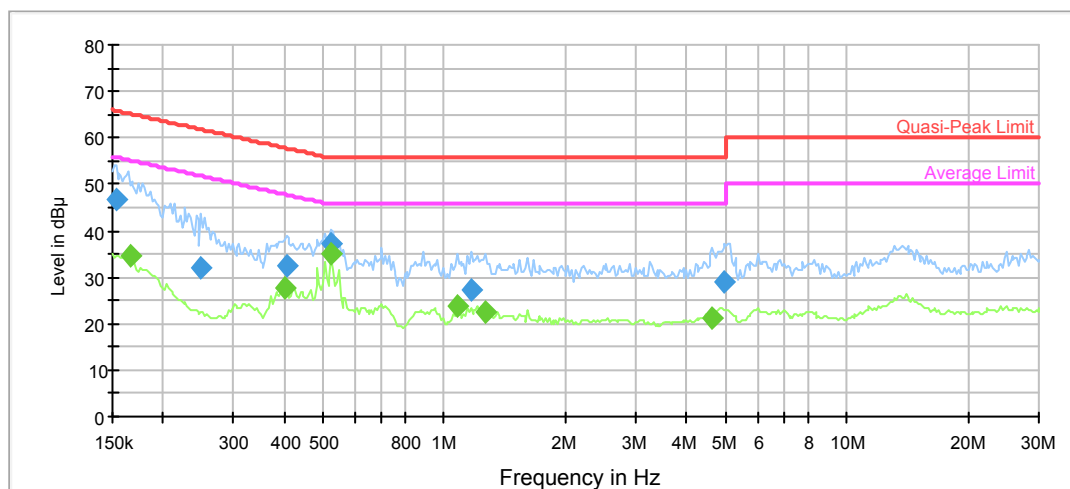
Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.153015	47.5	9.000	L1	11.1	18.3	65.8
0.430682	32.2	9.000	L1	9.9	25.0	57.2
0.525514	39.5	9.000	L1	9.9	16.5	56.0
1.075780	30.9	9.000	L1	9.8	25.1	56.0
1.493925	26.9	9.000	L1	9.8	29.1	56.0
4.979837	30.4	9.000	L1	9.8	25.6	56.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.151500	36.9	9.000	L1	11.2	19.0	55.9
0.426418	28.5	9.000	L1	9.9	18.8	47.3
0.485304	31.0	9.000	L1	9.9	15.2	46.2
0.525514	37.5	9.000	L1	9.9	8.5	46.0
1.075780	23.4	9.000	L1	9.8	22.6	46.0
4.979837	21.8	9.000	L1	9.8	24.2	46.0

Port: N
 Test Mode: Operating
 Power Source: AC120V/60Hz



Final Result 1

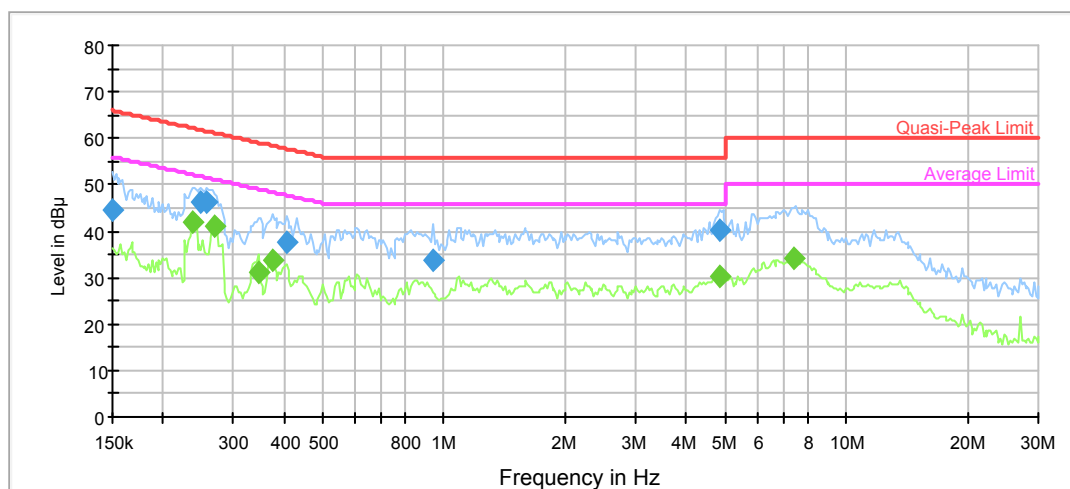
Frequency (MHz)	QuasiPeak (dB μ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin	Limit (dB μ V)
0.153015	46.9	9.000	N	11.1	18.9	65.8
0.249162	32.0	9.000	N	10.3	29.8	61.8
0.405722	32.5	9.000	N	10.0	25.2	57.7
0.525514	37.0	9.000	N	9.9	19.0	56.0
1.164916	27.3	9.000	N	9.8	28.7	56.0
4.979837	29.2	9.000	N	9.8	26.8	56.0

Final Result 2

Frequency (MHz)	Average (dB μ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin	Limit (dB μ V)
0.165693	34.8	9.000	N	10.9	20.4	55.2
0.401705	27.5	9.000	N	10.0	20.3	47.8
0.525514	35.2	9.000	N	9.9	10.8	46.0
1.075780	23.7	9.000	N	9.8	22.3	46.0
1.261437	22.5	9.000	N	9.8	23.5	46.0
4.644784	21.1	9.000	N	9.8	24.9	46.0

PoE:

Port: L
Test Mode: Operating
Power Source: AC120V/60Hz

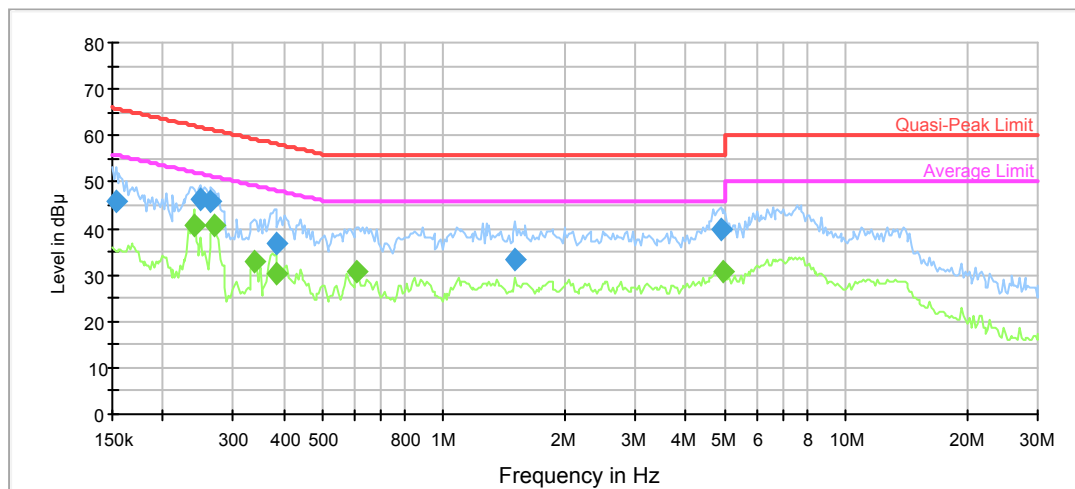
**Final Result 1**

Frequency (MHz)	QuasiPeak (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.150000	44.6	9.000	L1	11.2	21.4	66.0
0.249162	46.5	9.000	L1	10.3	15.3	61.8
0.256712	46.2	9.000	L1	10.3	15.3	61.5
0.405722	37.5	9.000	L1	10.0	20.2	57.7
0.935889	33.8	9.000	L1	9.8	22.2	56.0
4.833381	40.4	9.000	L1	9.8	15.6	56.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.237069	41.9	9.000	L1	10.4	10.3	52.2
0.269807	41.0	9.000	L1	10.2	10.1	51.1
0.346009	31.0	9.000	L1	10.0	18.1	49.1
0.374678	33.9	9.000	L1	10.0	14.5	48.4
4.833381	30.5	9.000	L1	9.8	15.5	46.0
7.414299	34.2	9.000	L1	9.8	15.8	50.0

Port: N
Test Mode: Operating
Power Source: AC120V/60Hz



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin	Limit (dB μ)
0.153015	45.7	9.000	N	11.1	20.1	65.8
0.249162	46.3	9.000	N	10.3	15.5	61.8
0.264490	45.9	9.000	N	10.3	15.4	61.3
0.382209	36.9	9.000	N	10.0	21.3	58.2
1.508865	33.2	9.000	N	9.8	22.8	56.0
4.881714	39.9	9.000	N	9.8	16.1	56.0

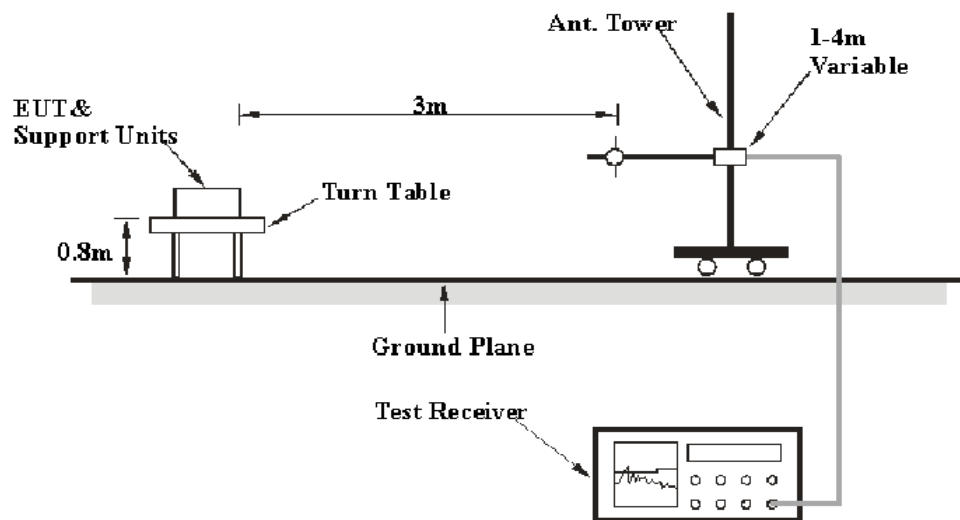
Final Result 2

Frequency (MHz)	Average (dB μ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin	Limit (dB μ)
0.239440	40.7	9.000	N	10.4	11.4	52.1
0.269807	40.7	9.000	N	10.2	10.4	51.1
0.339191	32.9	9.000	N	10.1	16.3	49.2
0.382209	30.3	9.000	N	10.0	17.9	48.2
0.610106	30.7	9.000	N	9.8	15.3	46.0
4.930532	30.7	9.000	N	9.8	15.3	46.0

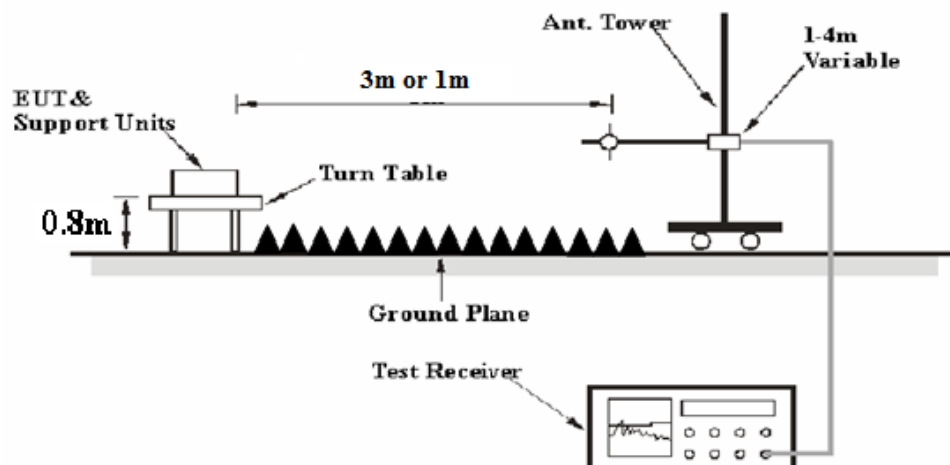
RADIATED EMISSIONS

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, 1GHz-26.5GHz were performed at the 3 m distance and 26.5-30 GHz was performed at 1 m distance, 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 30 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 video bandwidth	/	AVG

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

Test Procedure

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.

According to C63.4, the above 1G test result shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade from 3m to 1 m

Distance extrapolation factor = $20 \log (\text{specific distance [3m]}/\text{test distance [1m]})$ dB = 9.54 dB

Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Meter Reading+ Corrected

Note:

Corrected = Antenna Factor + Cable Loss - Amplifier Gain

or

Corrected = Antenna Factor + Cable Loss + Distance extrapolation factor - 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:

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

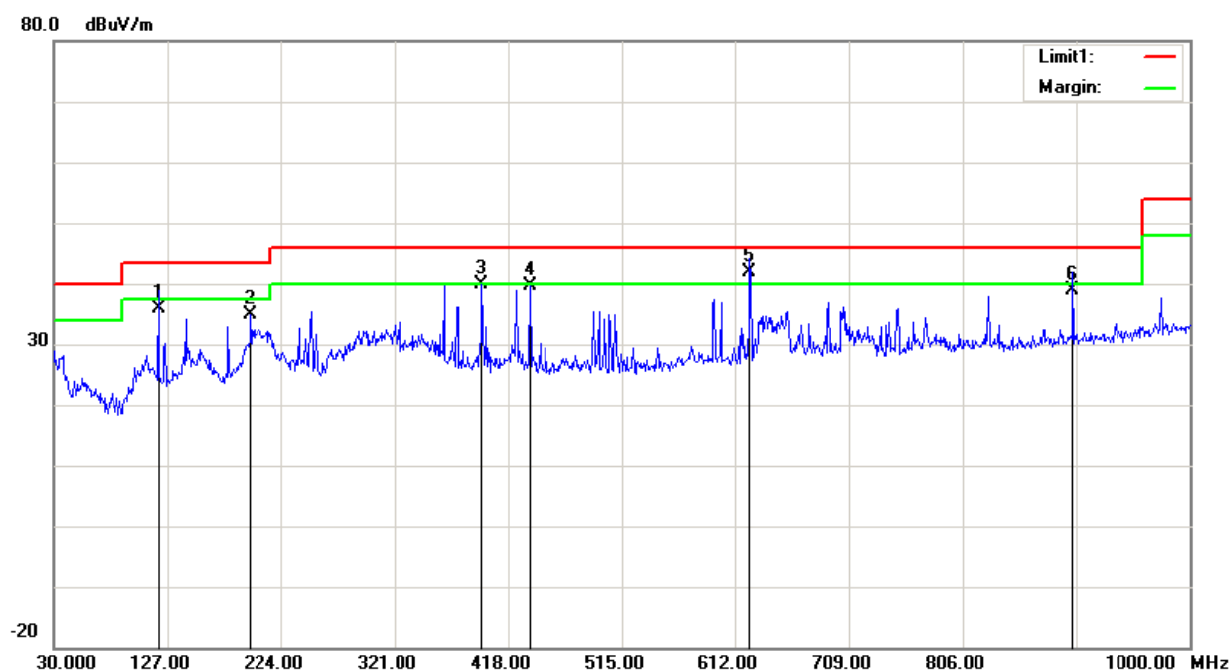
Test Data

Please refer to following table and plots:

Adapter:

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

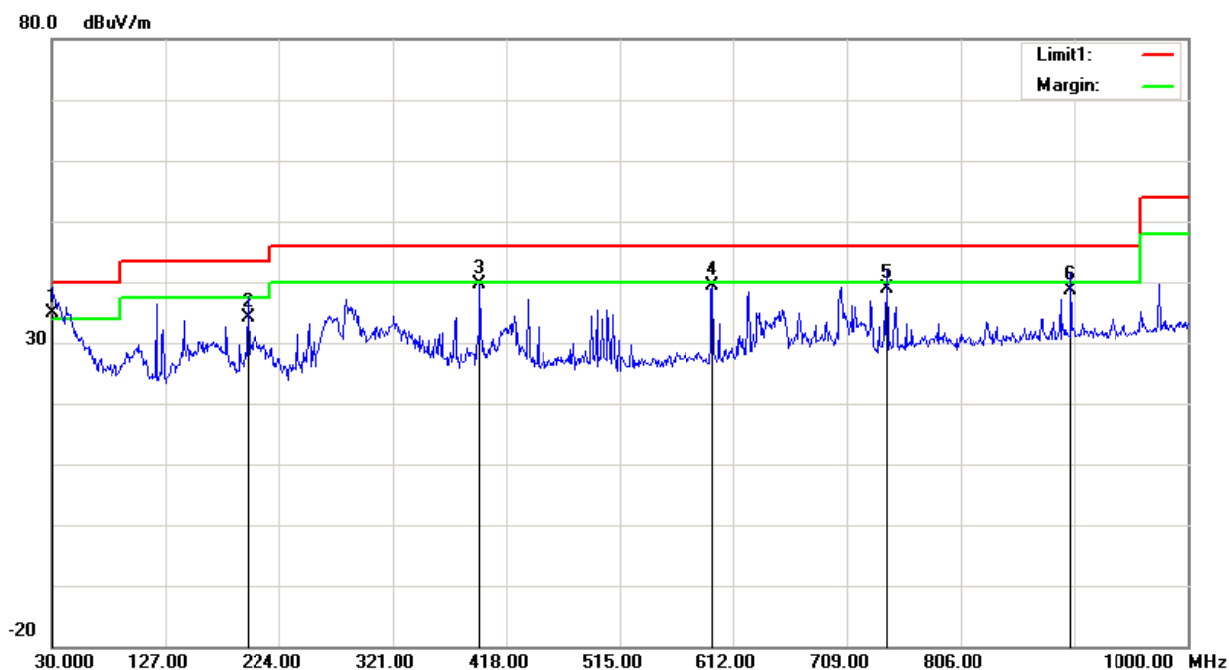
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
119.2400	40.61	peak	-4.84	35.77	43.50	7.73
197.8100	41.04	peak	-6.26	34.78	43.50	8.72
395.6900	41.85	peak	-2.07	39.78	46.00	6.22
436.4300	40.80	peak	-1.21	39.59	46.00	6.41
624.6100	40.11	QP	1.75	41.86	46.00	4.14
900.0900	38.65	QP	0.12	38.77	46.00	7.23

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

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

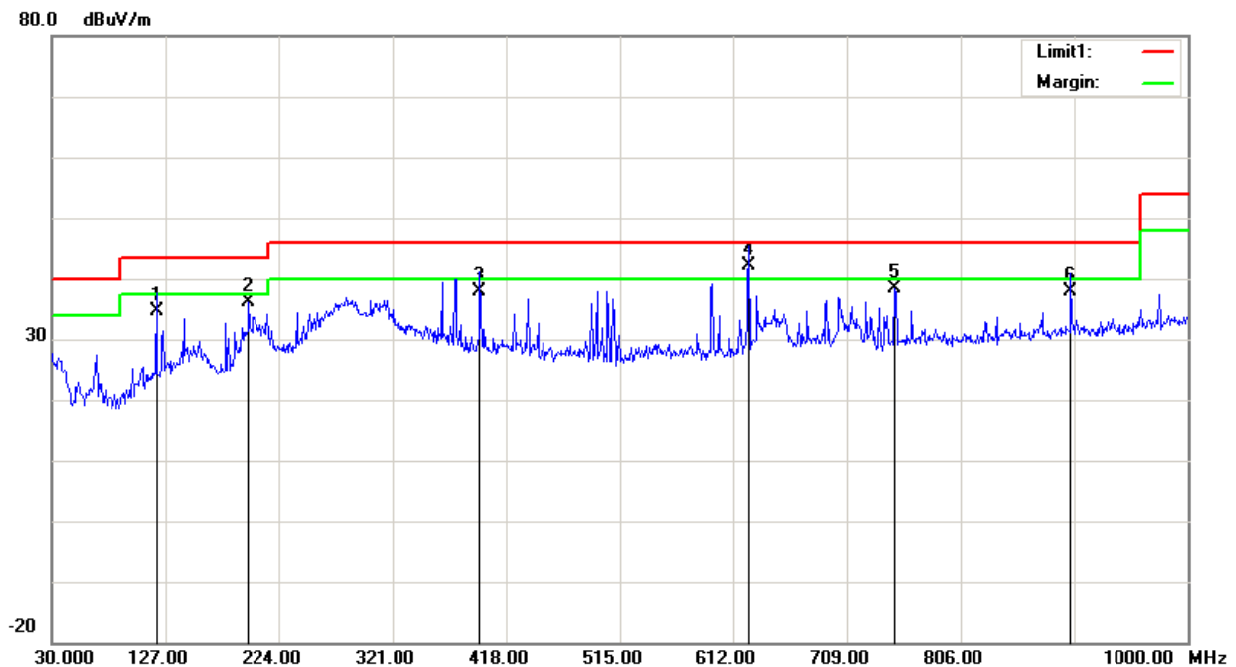


Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
30.0000	33.10	QP	1.72	34.82	40.00	5.18
196.8400	40.65	QP	-6.44	34.21	43.50	9.29
395.6900	41.70	peak	-2.07	39.63	46.00	6.37
594.5400	38.49	peak	0.86	39.35	46.00	6.65
742.9500	35.34	QP	3.51	38.85	46.00	7.15
900.0900	38.42	QP	0.12	38.54	46.00	7.46

PoE:

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

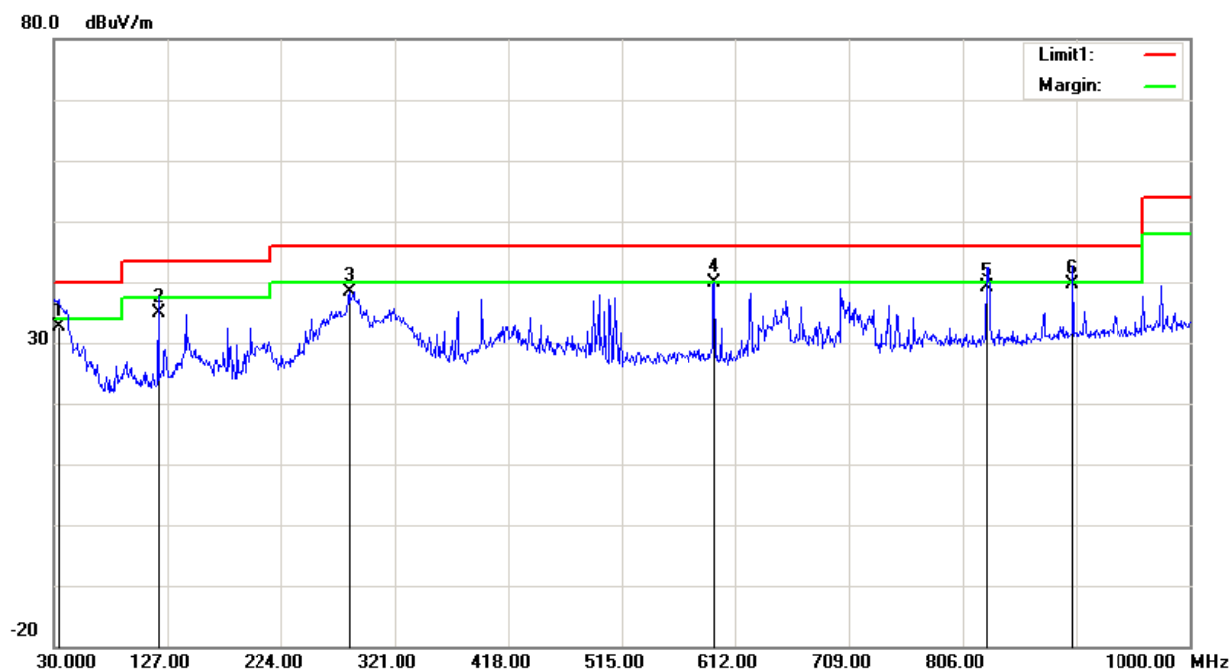
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
119.2400	39.35	QP	-4.84	34.51	43.50	8.99
197.8100	42.29	peak	-6.26	36.03	43.50	7.47
395.6900	40.03	QP	-2.07	37.96	46.00	8.04
625.5800	40.23	QP	1.79	42.02	46.00	3.98
749.7400	34.64	peak	3.62	38.26	46.00	7.74
900.0900	37.66	QP	0.12	37.78	46.00	8.22

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

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

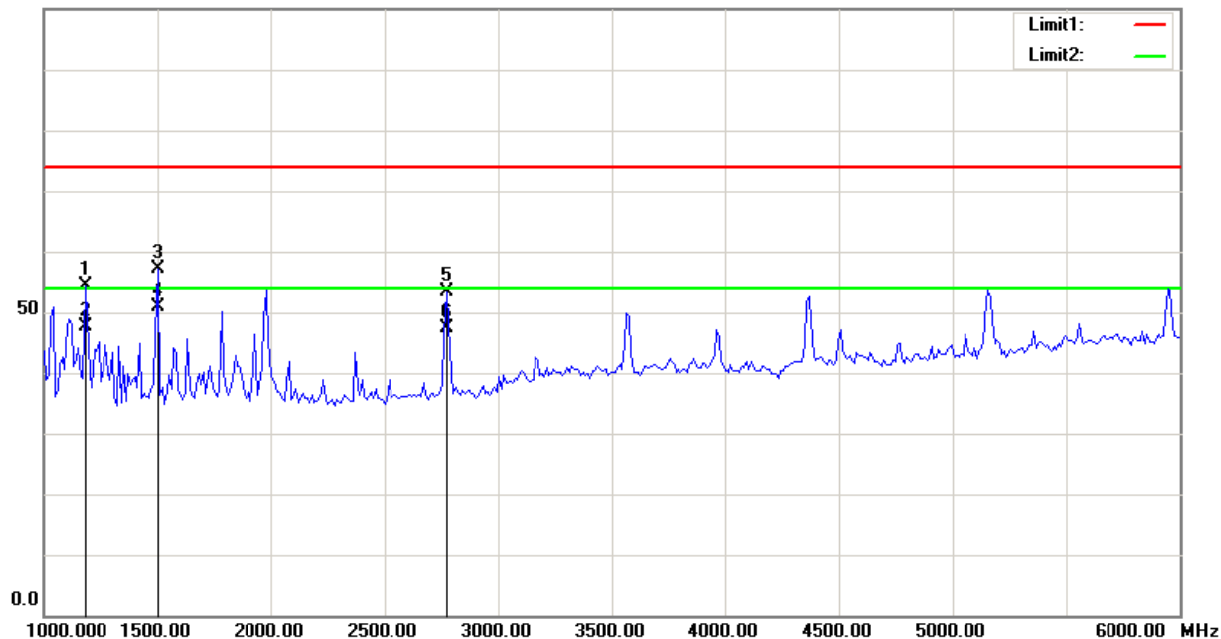


Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
33.8800	33.99	QP	-1.29	32.70	40.00	7.30
119.2400	39.65	QP	-4.84	34.81	43.50	8.69
282.2000	42.48	peak	-4.09	38.39	46.00	7.61
594.5400	39.06	peak	0.86	39.92	46.00	6.08
827.3400	34.10	QP	5.06	39.16	46.00	6.84
900.0900	39.55	QP	0.12	39.67	46.00	6.33

Adapter:

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

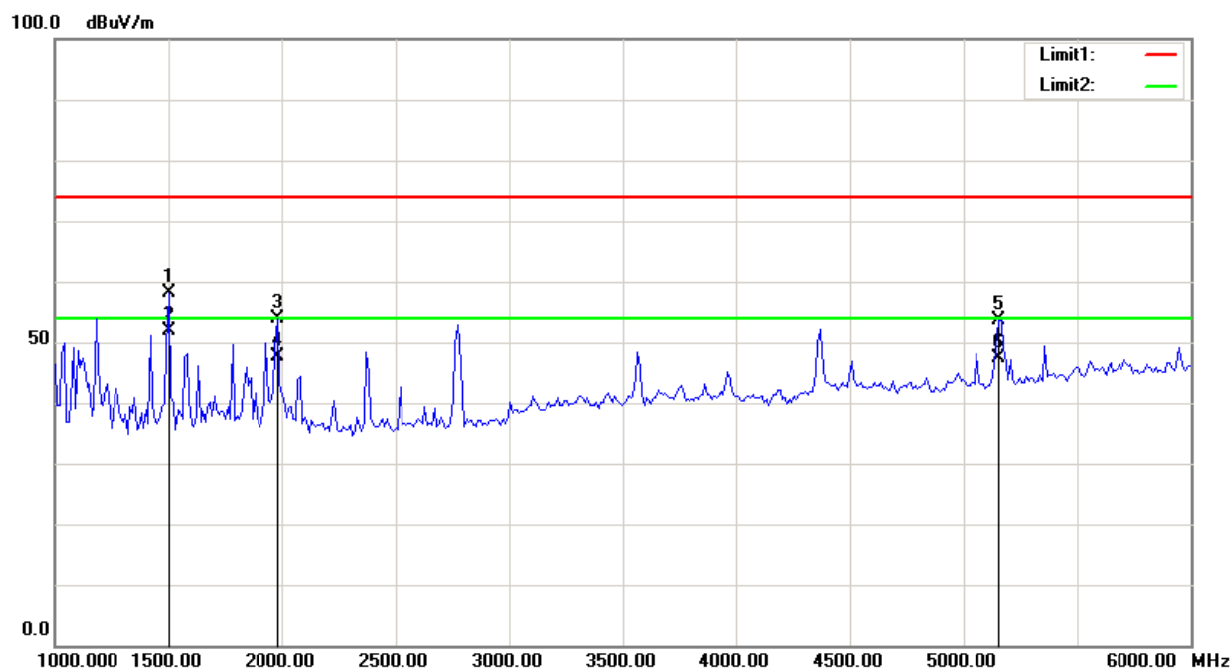
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m

100.0 dB μ V/m

Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1180.361	56.93	peak	-2.64	54.29	74.00	19.71
1180.361	50.21	AVG	-2.64	47.57	54.00	6.43
1501.002	58.34	peak	-1.32	57.02	74.00	16.98
1501.002	52.21	AVG	-1.32	50.89	54.00	3.11
2773.547	52.30	peak	1.00	53.30	74.00	20.70
2773.547	46.32	AVG	1.00	47.32	54.00	6.68

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

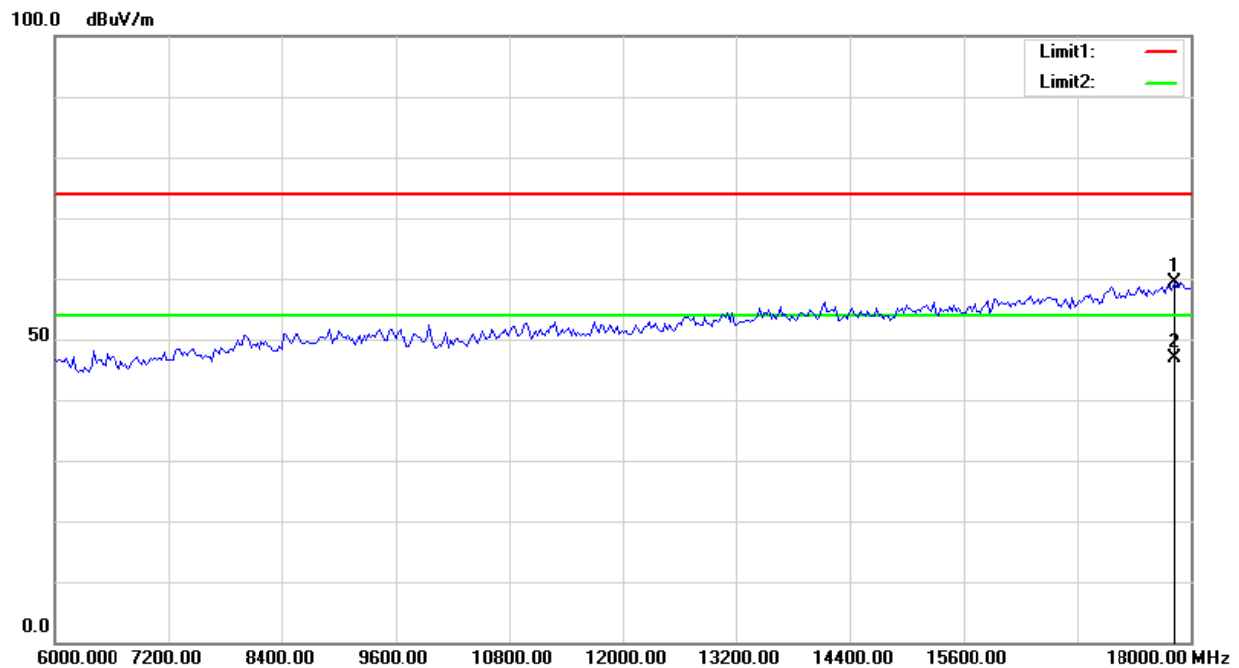
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1501.002	59.38	peak	-1.32	58.06	74.00	15.94
1501.002	53.26	AVG	-1.32	51.94	54.00	2.06
1981.964	54.73	peak	-0.79	53.94	74.00	20.06
1981.964	48.53	AVG	-0.79	47.74	54.00	6.26
5158.317	45.65	peak	8.03	53.68	74.00	20.32
5158.317	39.42	AVG	8.03	47.45	54.00	6.55

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

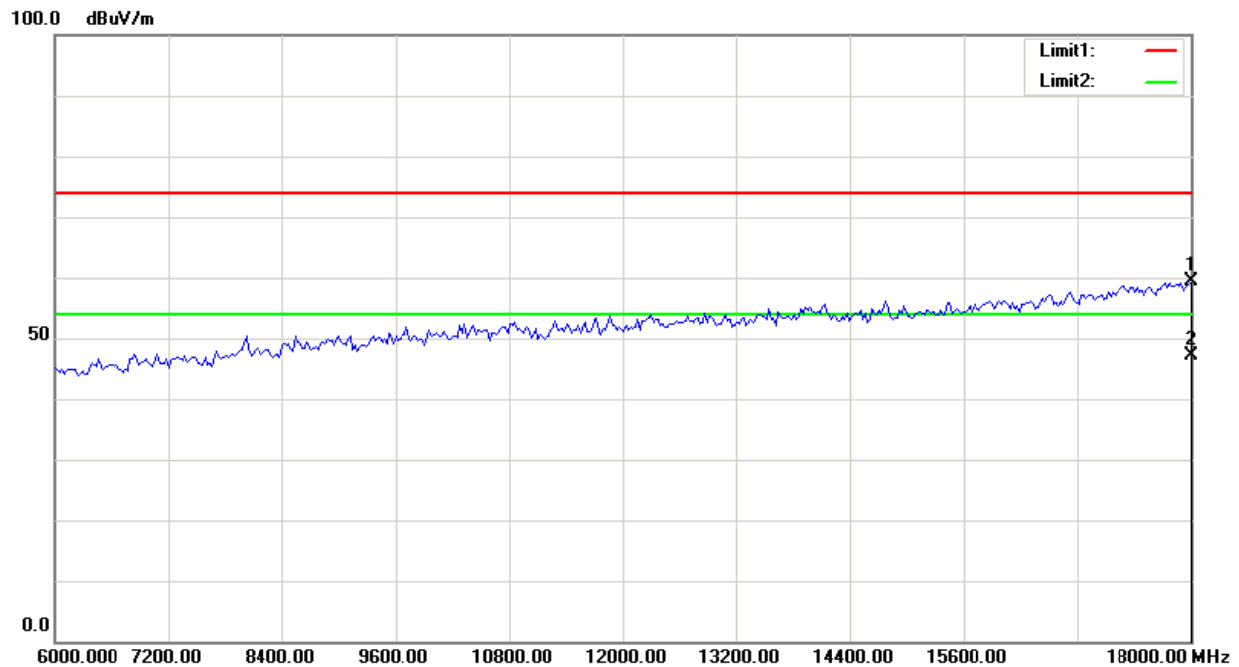
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
17831.663	31.59	peak	27.70	59.29	74.00	14.71
17831.663	19.10	AVG	27.70	46.80	54.00	7.20

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

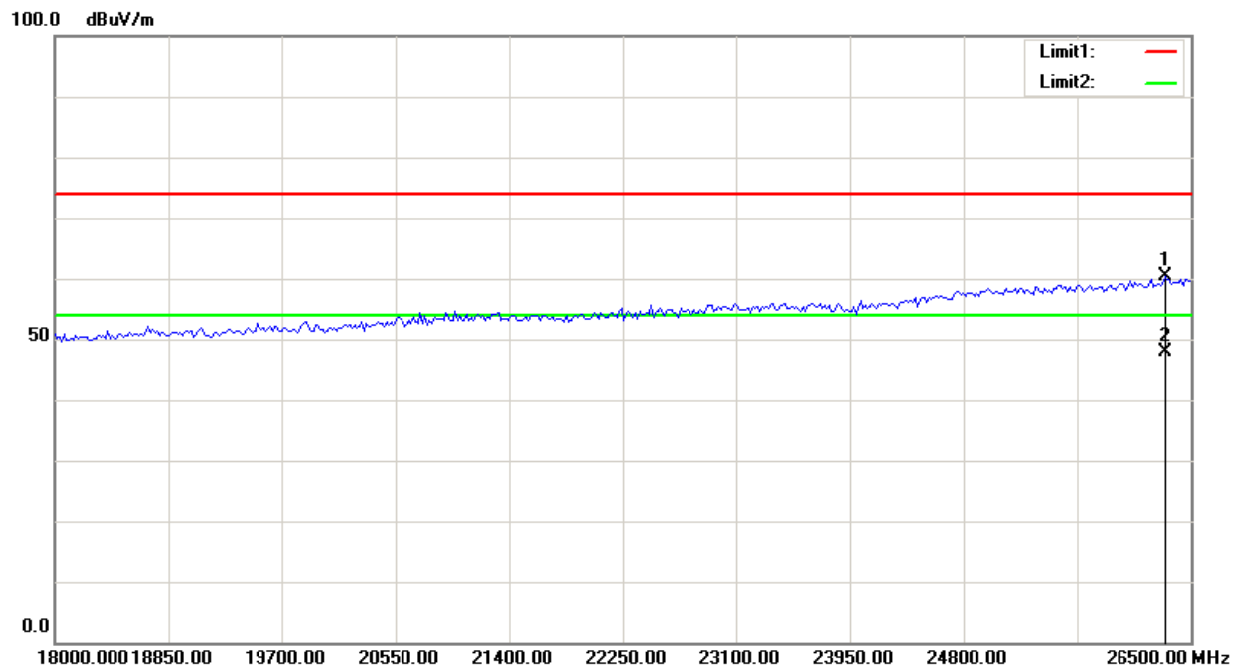
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
18000.000	31.02	peak	28.33	59.35	74.00	14.65
18000.000	18.68	AVG	28.33	47.01	54.00	6.99

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

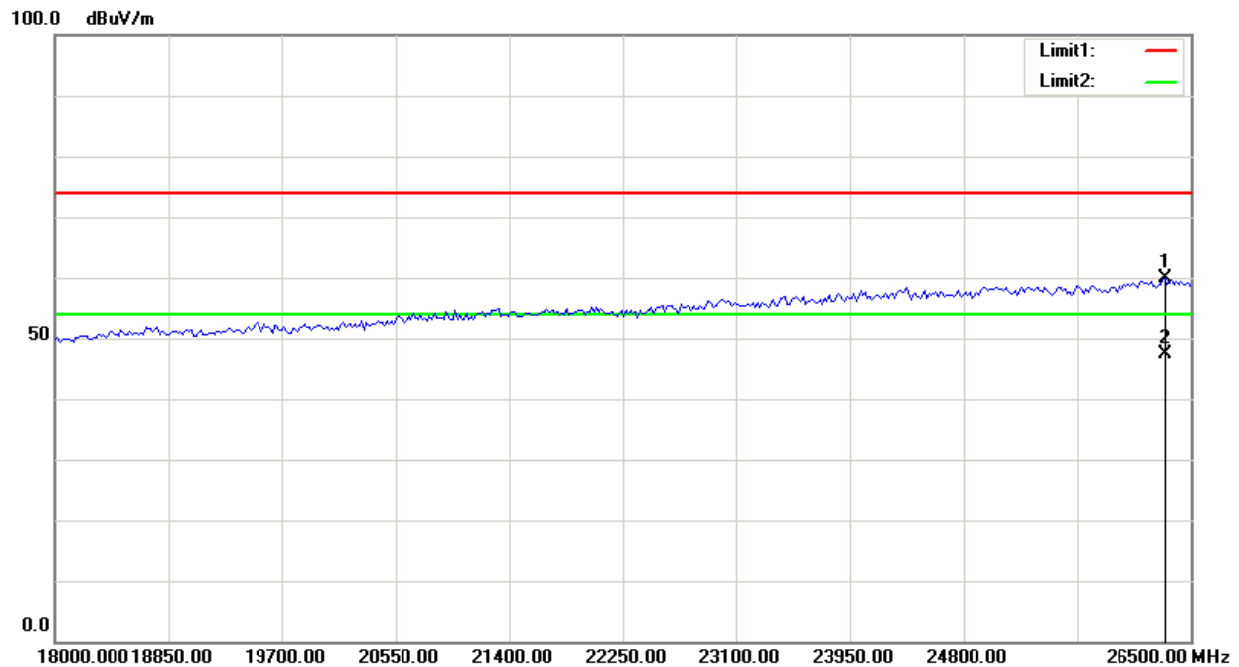
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
26312.625	49.61	peak	10.73	60.34	74.00	13.66
26312.625	37.04	AVG	10.73	47.77	54.00	6.23

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

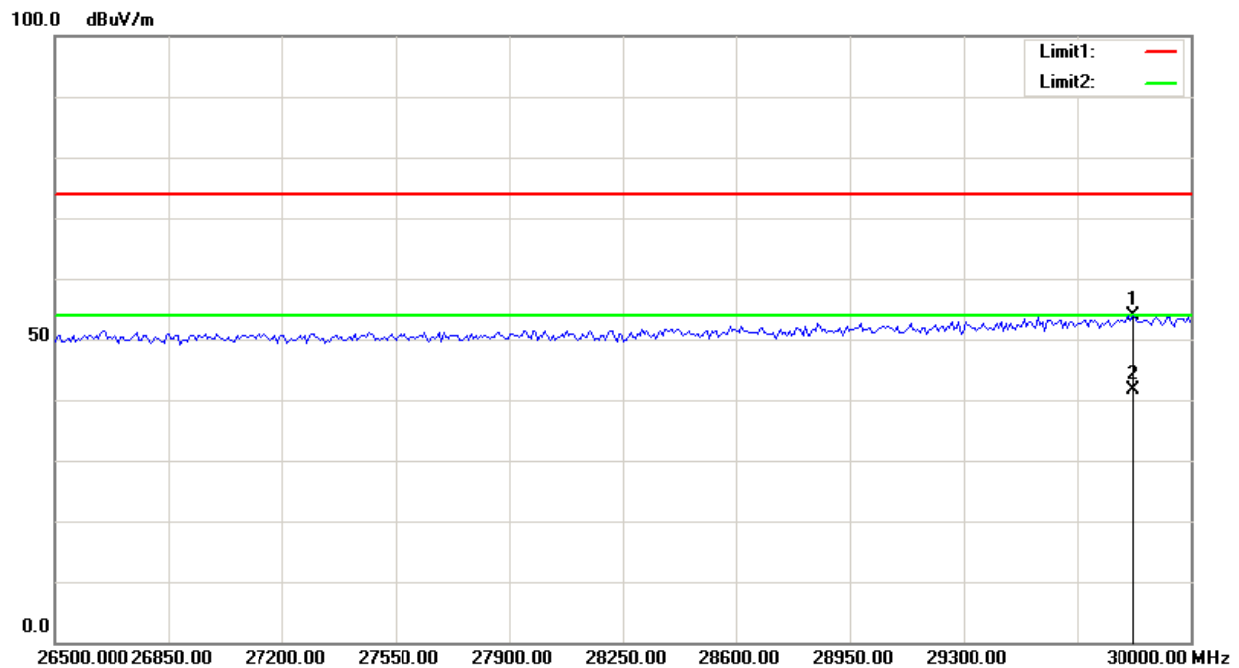
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
26312.625	49.11	peak	10.73	59.84	74.00	14.16
26312.625	36.67	AVG	10.73	47.40	54.00	6.60

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

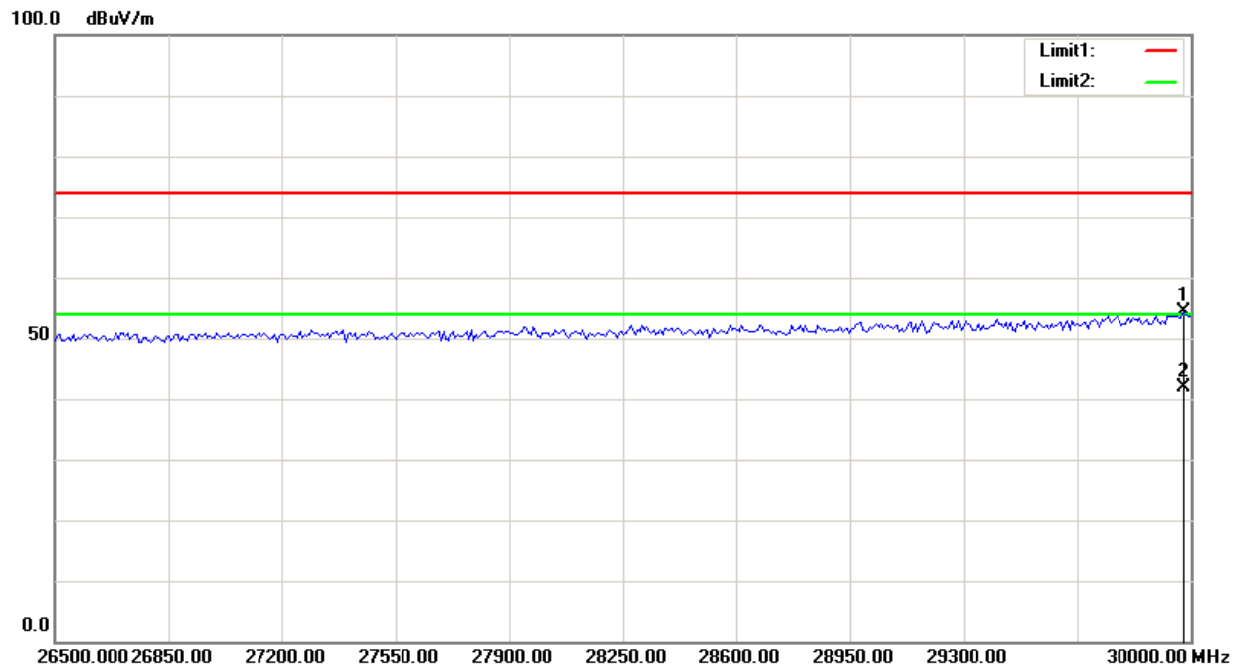
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
29824.649	39.72	peak	14.19	53.91	74.00	20.09
29824.649	27.35	AVG	14.19	41.54	54.00	12.46

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

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

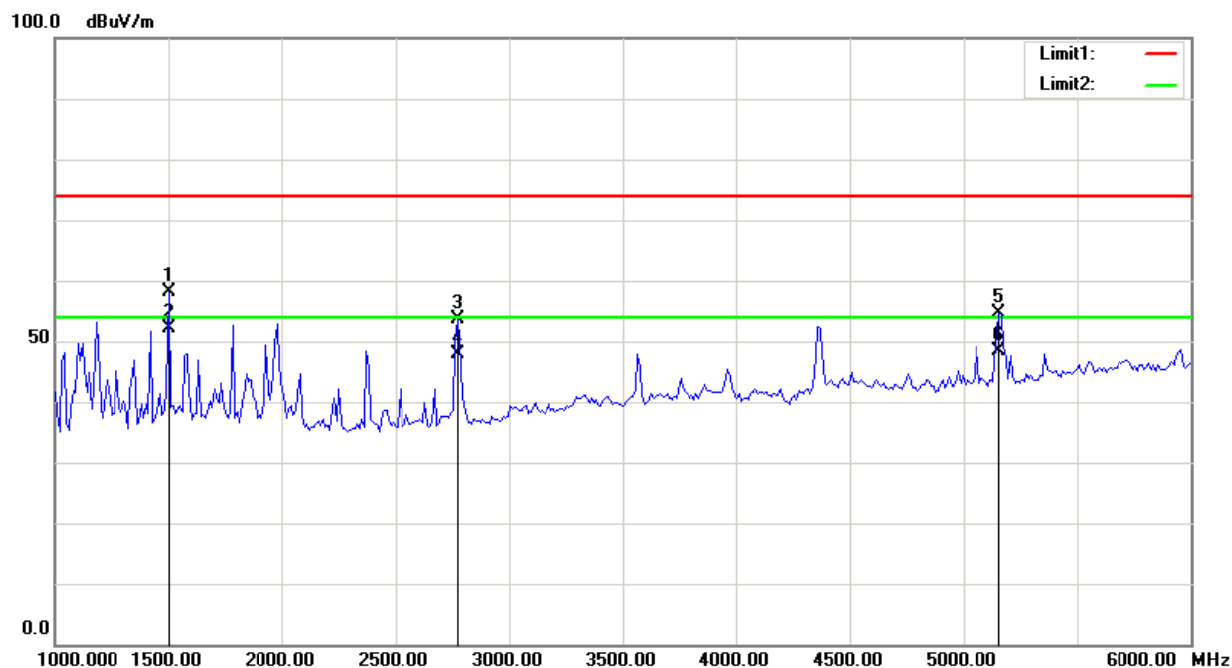


Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
29978.958	39.41	peak	14.85	54.26	74.00	19.74
29978.958	27.06	AVG	14.85	41.91	54.00	12.09

PoE:

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

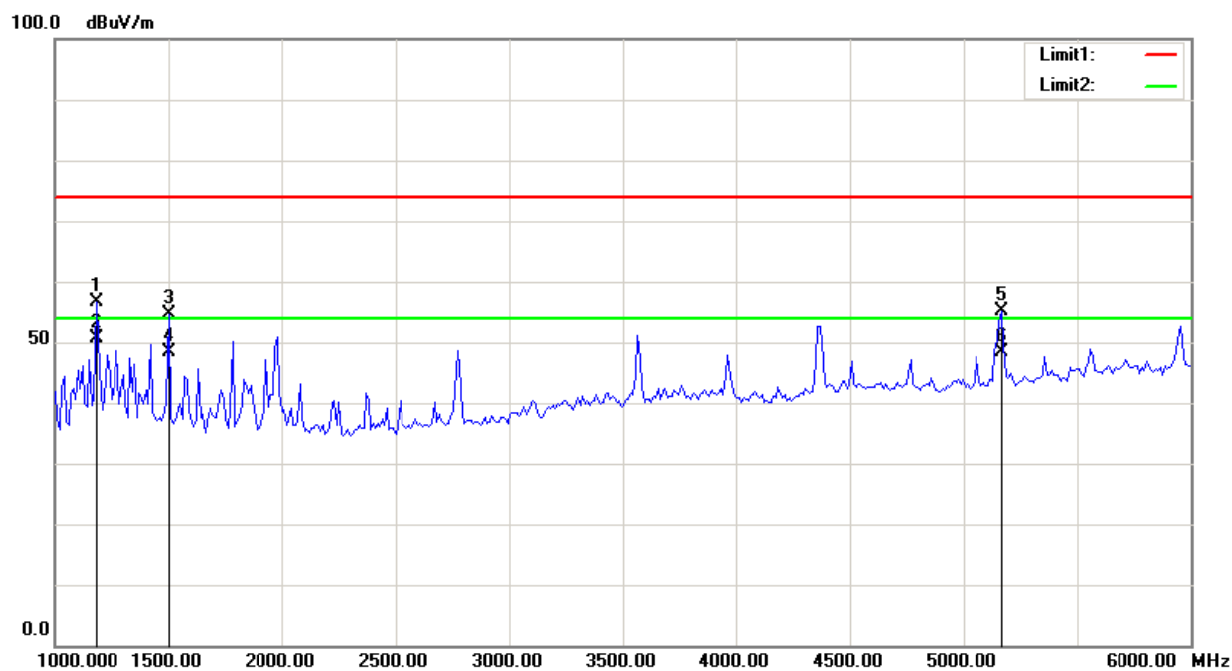
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1501.002	59.55	peak	-1.32	58.23	74.00	15.77
1501.002	53.41	AVG	-1.32	52.09	54.00	1.91
2773.547	52.71	peak	1.00	53.71	74.00	20.29
2773.547	46.87	AVG	1.00	47.87	54.00	6.13
5158.317	46.59	peak	8.03	54.62	74.00	19.38
5158.317	40.32	AVG	8.03	48.35	54.00	5.65

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

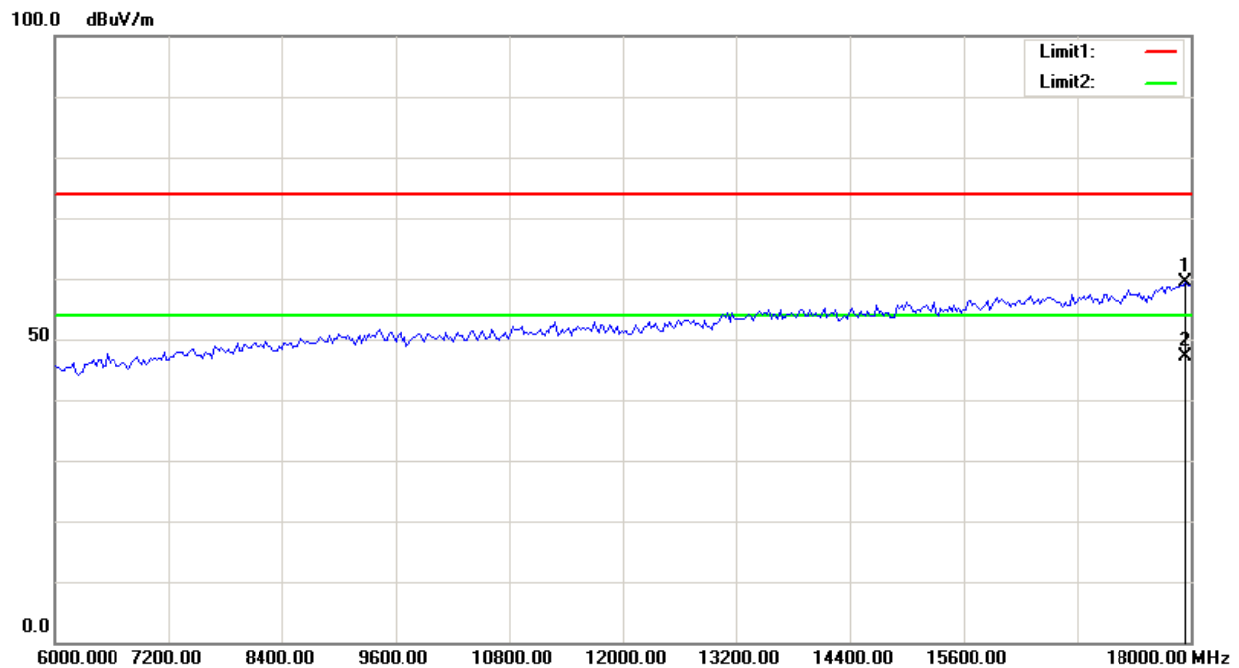
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1180.361	59.36	peak	-2.64	56.72	74.00	17.28
1180.361	53.28	AVG	-2.64	50.64	54.00	3.36
1501.002	55.97	peak	-1.32	54.65	74.00	19.35
1501.002	49.77	AVG	-1.32	48.45	54.00	5.55
5168.337	46.92	peak	8.09	55.01	74.00	18.99
5168.337	40.28	AVG	8.09	48.37	54.00	5.63

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

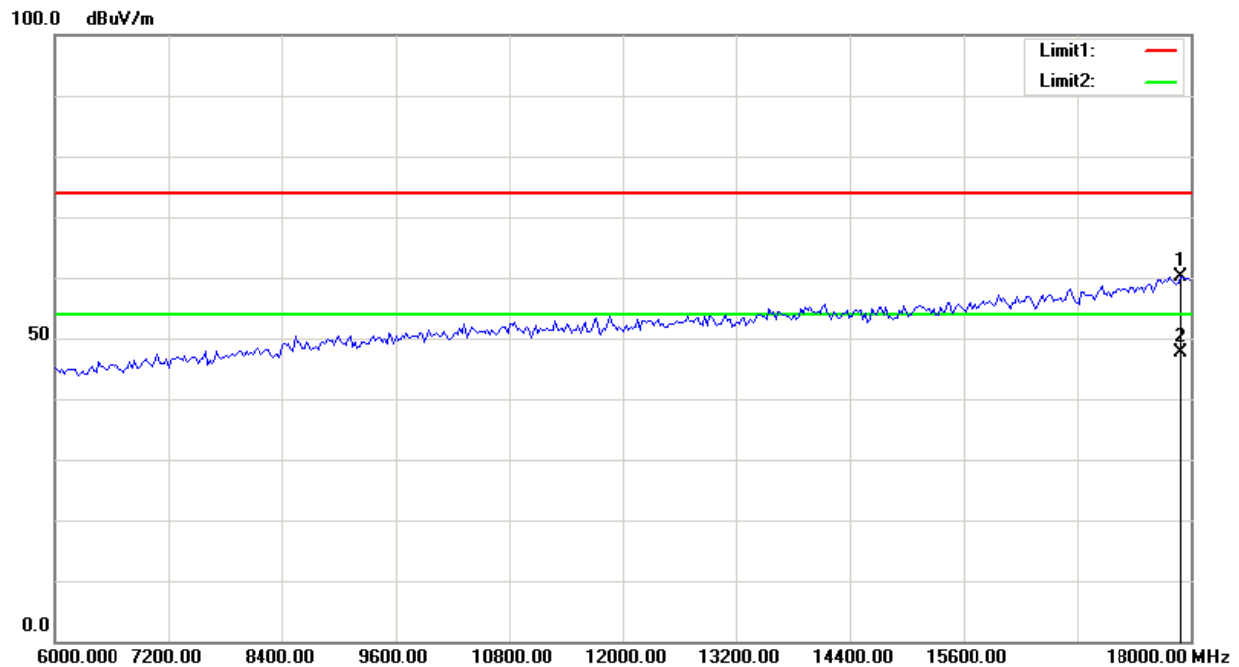
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
17951.904	30.96	peak	28.46	59.42	74.00	14.58
17951.904	18.77	AVG	28.46	47.23	54.00	6.77

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

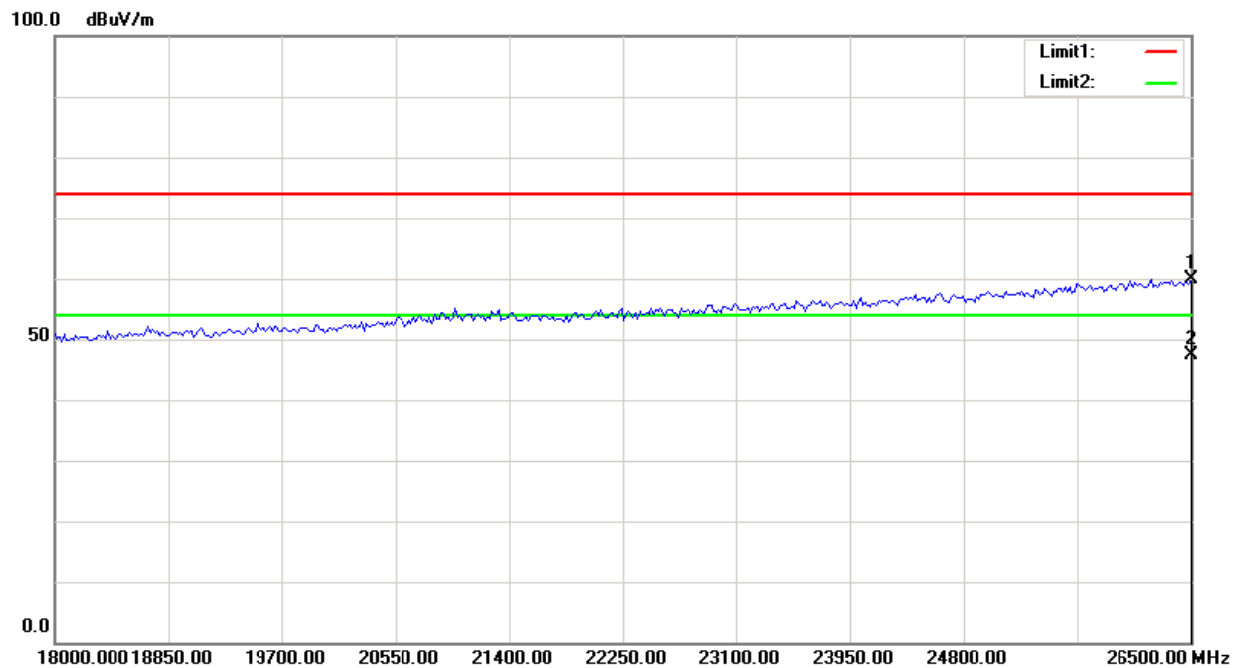
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
17903.808	31.46	peak	28.58	60.04	74.00	13.96
17903.808	18.99	AVG	28.58	47.57	54.00	6.43

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

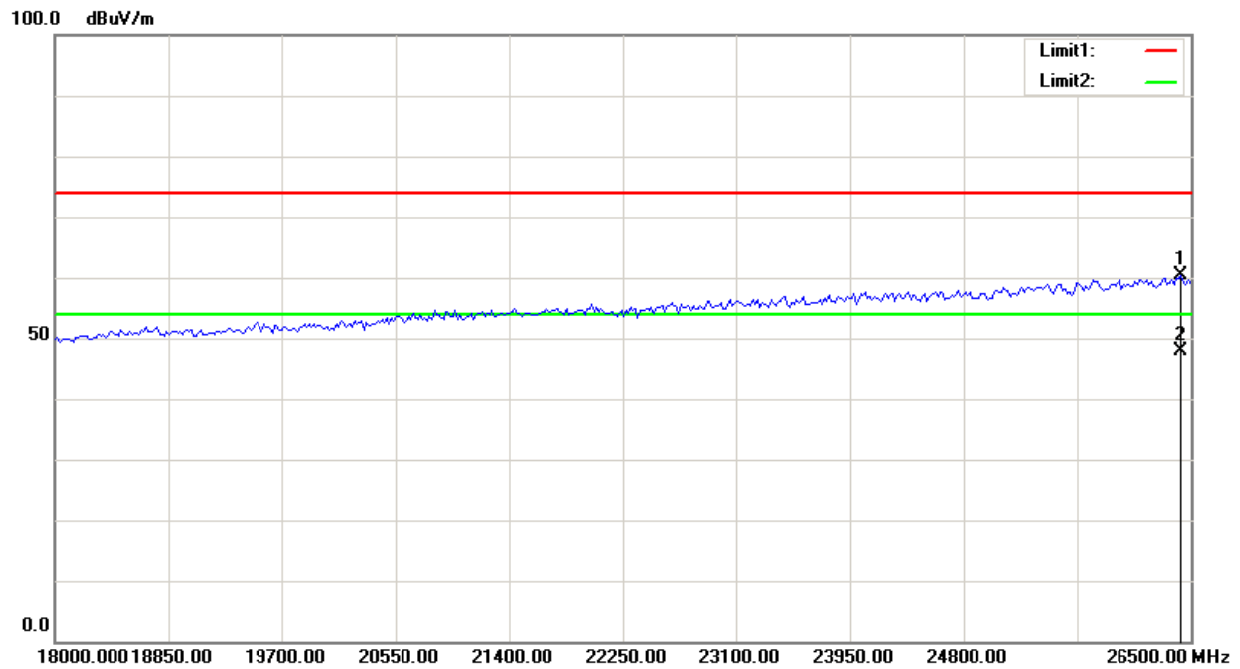
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
26500.000	48.82	peak	11.13	59.95	74.00	14.05
26500.000	36.35	AVG	11.13	47.48	54.00	6.52

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

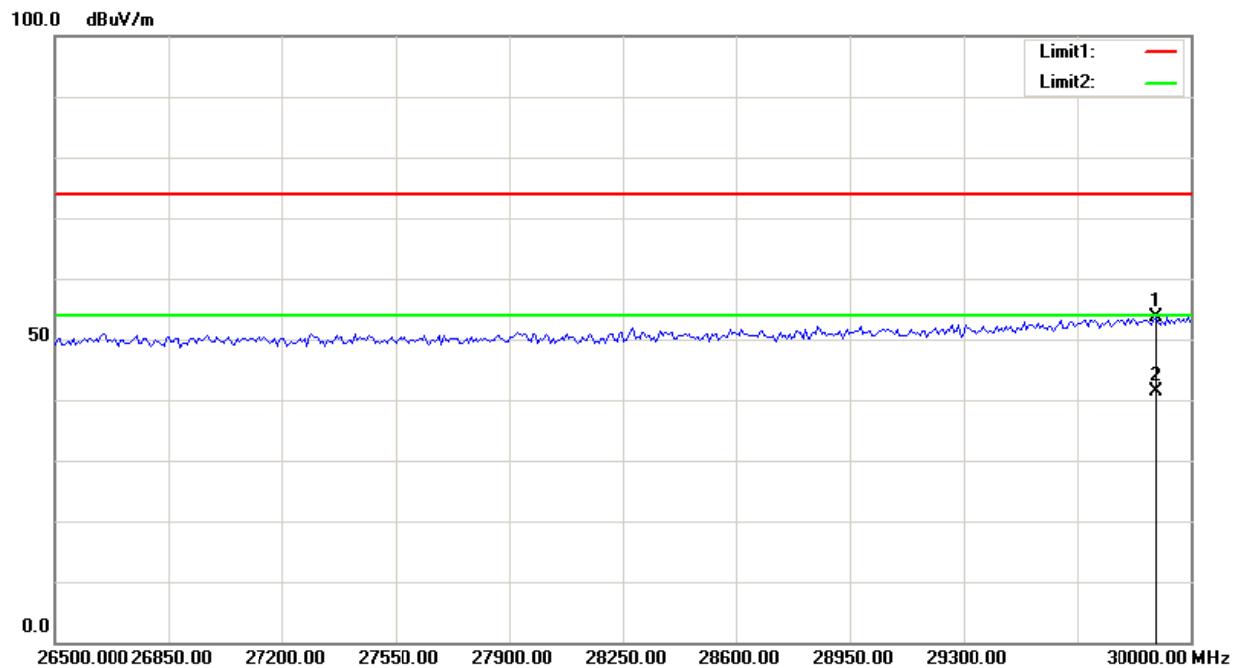
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
26431.864	49.21	peak	11.08	60.29	74.00	13.71
26431.864	36.77	AVG	11.08	47.85	54.00	6.15

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

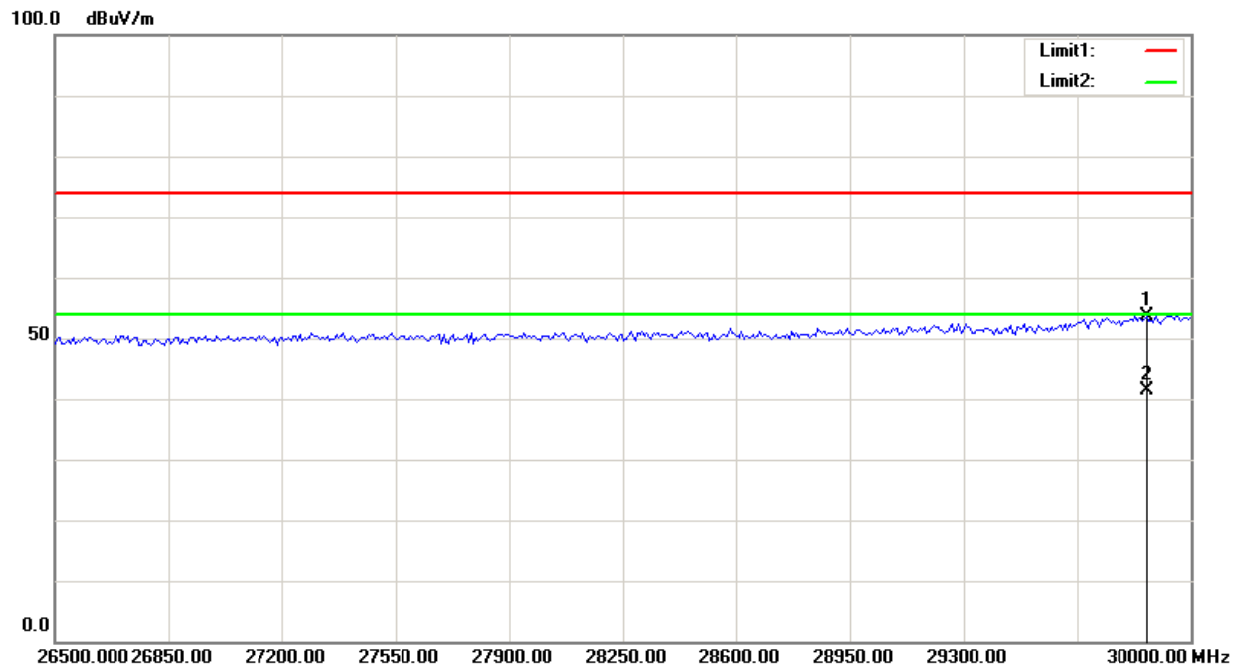
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
29894.790	38.90	peak	14.73	53.63	74.00	20.37
29894.790	26.70	AVG	14.73	41.43	54.00	12.57

Condition: FCC Part 15B Class B
EUT: Video Phone
Model: VP-R73G
Test Mode: Operating

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



Frequency (MHz)	Reading (dB μ V)	Detector	Corrected (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
29866.733	39.22	peak	14.52	53.74	74.00	20.26
29866.733	26.77	AVG	14.52	41.29	54.00	12.71

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