



TESTING LABORATORY
CERTIFICATE #4820.01



FCC PART 15 B

TEST REPORT

For

SZ DJI TECHNOLOGY CO., LTD

14th floor, West Wing, Skyworth Semiconductor Design Building NO.18 Gaoxin South 4th Ave,
Nanshan, Shenzhen, Guangdong, China

FCC ID: SS3-RC1B1809

Report Type: Original Report	Product Type: Remote Controller
Report Number:	RDG180921002-00A
Report Date:	2018-10-10
Reviewed By:	Jerry Zhang EMC Manager <i>Jerry Zhang</i>
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GENERAL INFORMATION

Product Description for Equipment Under Test (EUT)

EUT Type:		Remote Controller
EUT Name:		C2
EUT Model:		RC1B
FCC ID:		SS3-RC1B1809
Highest Operation Frequency:		5846.5MHz
Rated Input Voltage:		DC 3.83V from battery or DC 5 V from adapter
Nominal Adapter Information	Model:	F2C60
	Input:	100-240V~1.8A, 50-60Hz
	Output:	17.6V-3.41A or 17.0V-3.53A (Main);5V-2A Total(USB A + Micro USB)
External Dimension:		145mm(L)*80mm(W)*60mm(H)
Serial Number:		180921002
EUT Received Date:		2018.09.21

Objective

This test report is prepared on behalf of *SZ DJI TECHNOLOGY CO., LTD* In accordance with Part 2, Subpart J, and Part 15-Subparts A and B 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 15C DTS and Part 15E NII submissions with FCC ID: SS3-RC1B1809
Part of system submissions with FCC ID: SS3-L1P1805, FCC ID: SS3-L1Z1805

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)

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 test site has been approved by the FCC 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 test site has been registered with ISED Canada under ISED Canada Registration Number 3062D.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

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

Test Mode 1(M1): Charging. The EUT was charged by adapter, and the adapter charging the battery and mobile phone.

Test Mode 2(M2): Operating with Micro USB. The EUT was connecting mobile phone with Micro USB and the phone was playing the video on the DJI APP:DJI GO 4.

Test Mode 3(M3): Operating with USB-A. The EUT was connecting mobile phone with USB-A and the phone was playing the video on the DJI APP:DJI GO 4.

Note: The Micro USB and USB-A ports can't used simultaneously.

EUT Exercise Software

The Mobile phone APP "DJI Go 4" was used during test.

Equipment Modifications

No modification was made to the EUT tested.

Local Support Equipment List and Details

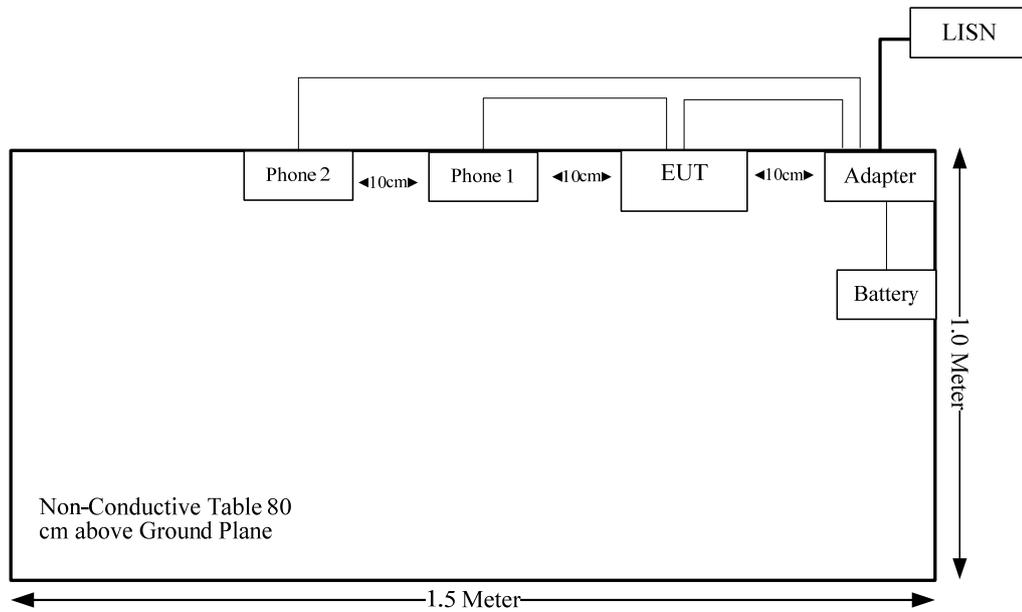
Manufacturer	Description	Model	Serial Number
APPLE	iPhone 8(Phone 1)	MGAA2CG/A	FK1R96UYG5QT
APPLE	iPhone 8(Phone 2)	MNH22CH/A	DNPSLHL1HG78
DJI	UAV(unmanned aerial vehicle)	MAVIC 2	N/A
DJI	Battery	FB2-3850mAh-15.4V	N/A

Support Cable List and Details

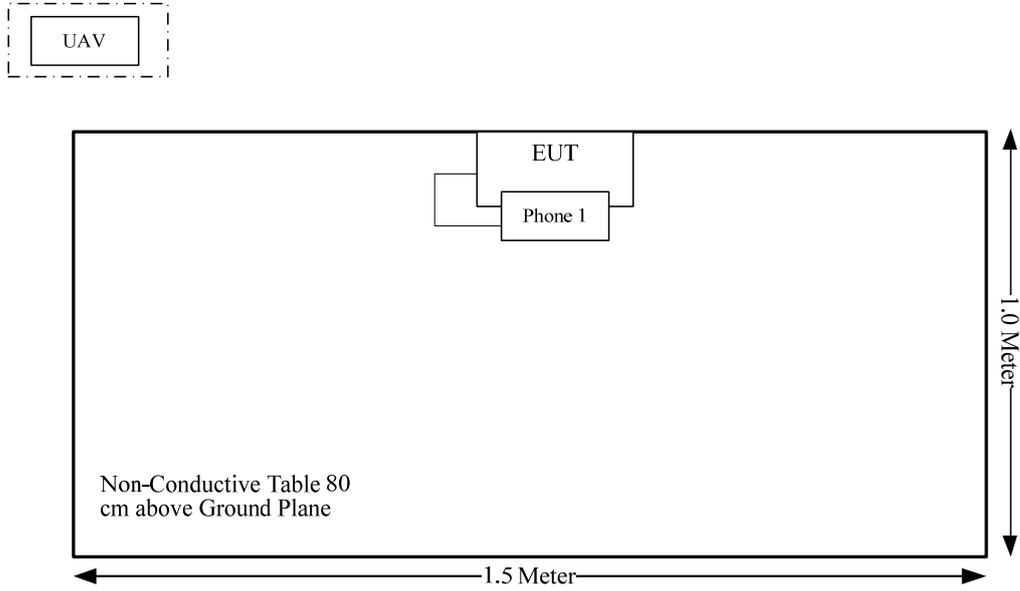
Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
Micro USB Cable	yes	no	0.1	Micro USB Port of EUT	Phone 1
USB-A Cable	yes	no	1.2	USB A Port of Adapter	Phone 2
Micro USB Cable of adapter	yes	no	0.1	Adapter	EUT
DC Power Cable of adapter	yes	no	0.2	Adapter	Battery
USB-A Cable	yes	no	1.2	EUT	Phone 1

Configuration of Test Setup

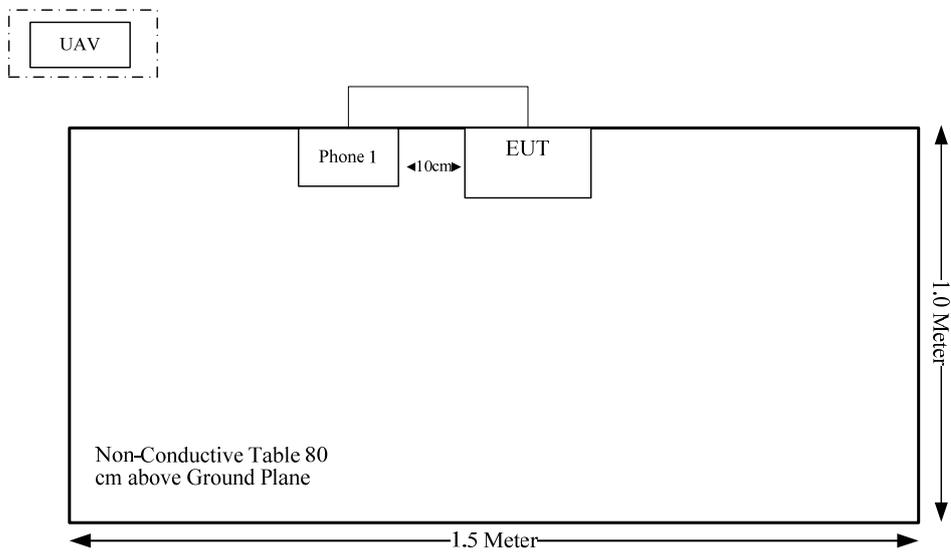
Test mode 1(Conducted emissions Test)



Test mode 2 (Radiation Emissions):



Test mode 3 (Radiation Emissions):



Test Equipment List

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	EMI Test Receiver	ESCS 30	830245/006	2017-12-11	2018-12-11
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	2017-12-08	2018-12-08
R&S	EMI Test Receiver	ESCI	100224	2017-12-11	2018-12-11
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-1000-01	2018-09-05	2019-09-05
HP	Amplifier	8447D	2727A05902	2018-09-05	2019-09-05
Agilent	Spectrum Analyzer	E4440A	SG43360054	2018-01-04	2019-01-04
ETS-Lindgren	Horn Antenna	3115	000 527 35	2016-01-05	2019-01-04
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
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
Sinoscite	Bandstop Filters	BSF5150-5850MN-08 99-003	0899003	2018-05-06	2019-05-06
E-Microwave	Band-stop Filters	OBSF-2400-2483.5-S	OE01601525	2018-06-16	2019-06-16

* 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

Temperature:	24.6~26.4 °C
Relative Humidity:	34~52 %
ATM Pressure:	100.4~100.5 kPa
Tester:	Vern Shen, Tyler Pan, Lily Xie
Test Date:	2018.09.28-2018.09.29

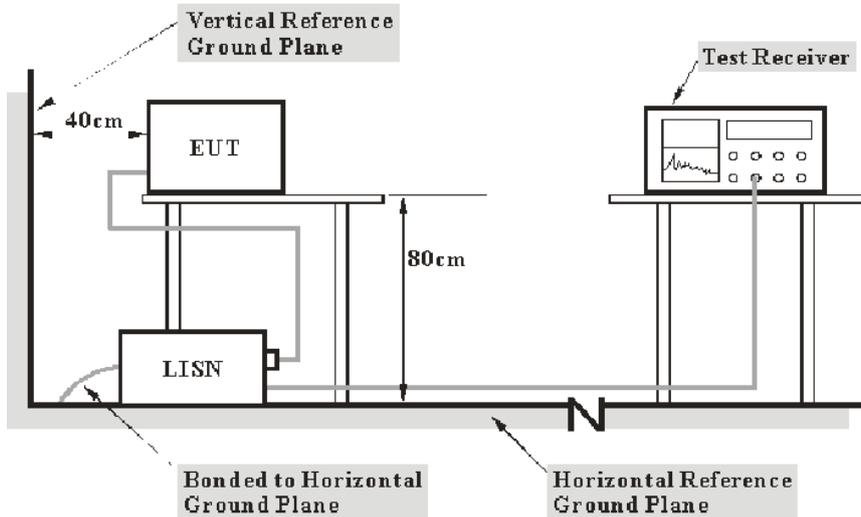
SUMMARY OF TEST RESULTS

FCC Part 15B

Clause	Description of Test	Test Result
§15.107	Conducted emissions	Compliance
§15.109	Radiated emissions	Compliance

FCC Part 15B §15.107 – 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.

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 adapter 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:

Result (QuasiPeak or Average) = Meter Reading + Corr.

Note:

Corr. = Cable loss + Factor of coupling device

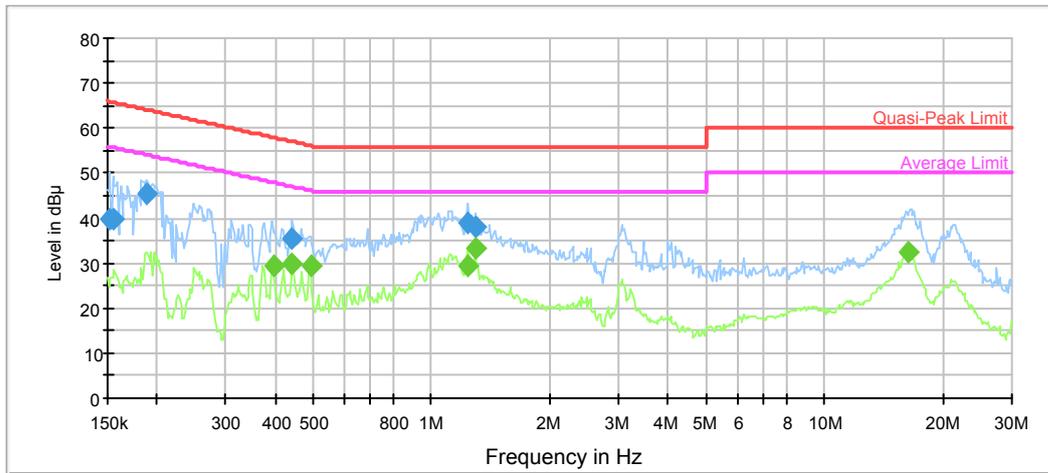
The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin = Limit – Result

Test Data

Please refer to following table and plots:

Model Number: RC1B
 Port: L
 Test Mode: M1
 Power Source: AC 120V/60Hz



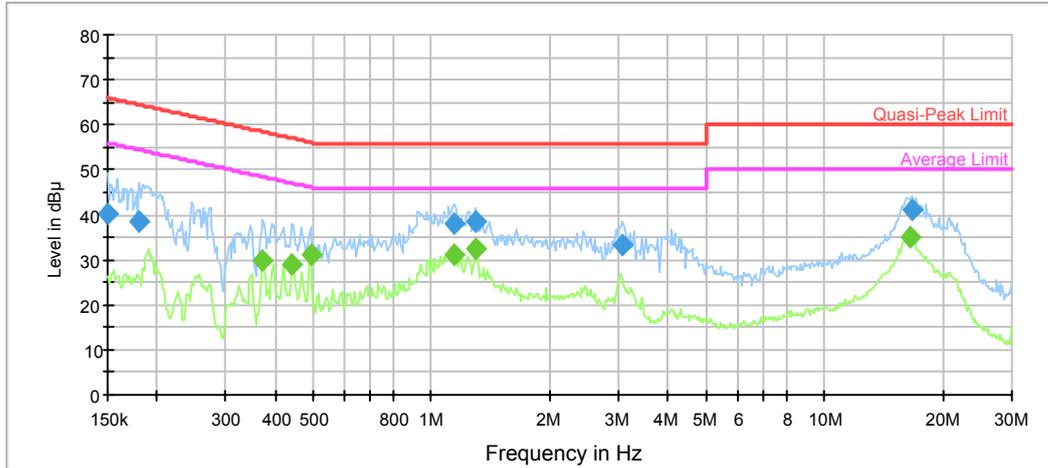
Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.152410	39.6	9.000	L1	11.1	26.3	65.9
0.154858	39.9	9.000	L1	11.1	25.8	65.7
0.188994	45.5	9.000	L1	10.7	18.6	64.1
0.443327	35.5	9.000	L1	9.9	21.5	57.0
1.239175	38.8	9.000	L1	9.8	17.2	56.0
1.289541	38.2	9.000	L1	9.8	17.8	56.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.396530	29.3	9.000	L1	10.0	18.6	47.9
0.443327	29.9	9.000	L1	9.9	17.1	47.0
0.491712	29.5	9.000	L1	9.9	16.6	46.1
1.239175	29.5	9.000	L1	9.8	16.5	46.0
1.289541	33.3	9.000	L1	9.8	12.7	46.0
16.381172	32.5	9.000	L1	10.0	17.5	50.0

Model Number: RC1B
 Port: N
 Test Mode: M1
 Power Source: AC 120V/60Hz



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	40.1	9.000	N	11.2	25.9	66.0
0.180171	38.5	9.000	N	10.8	26.0	64.5
1.144267	38.2	9.000	N	9.8	17.8	56.0
1.289541	38.4	9.000	N	9.8	17.6	56.0
3.073500	33.3	9.000	N	9.8	22.7	56.0
16.644319	41.0	9.000	N	9.9	19.0	60.0

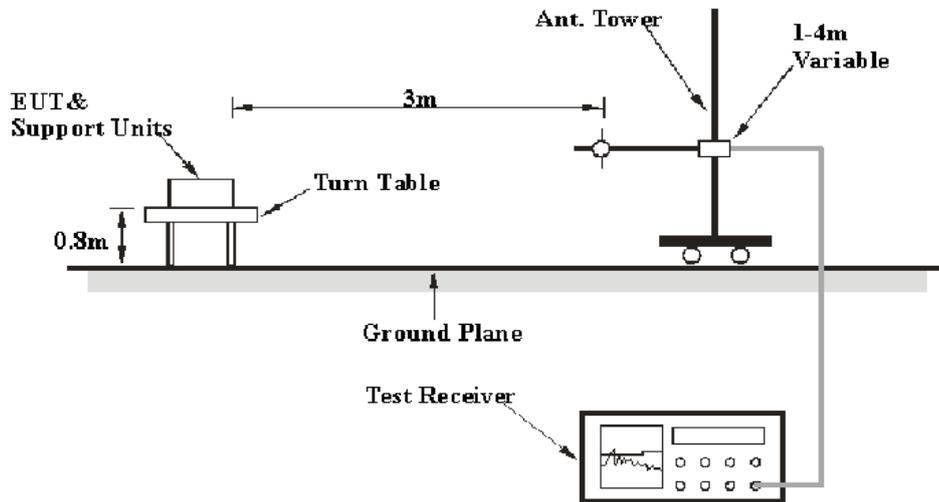
Final Result 2

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.372042	29.9	9.000	N	10.0	18.6	48.5
0.443327	29.1	9.000	N	9.9	17.9	47.0
0.491712	31.1	9.000	N	9.9	15.0	46.1
1.144267	31.3	9.000	N	9.8	14.7	46.0
1.289541	32.6	9.000	N	9.8	13.4	46.0
16.512221	34.8	9.000	N	9.9	15.2	50.0

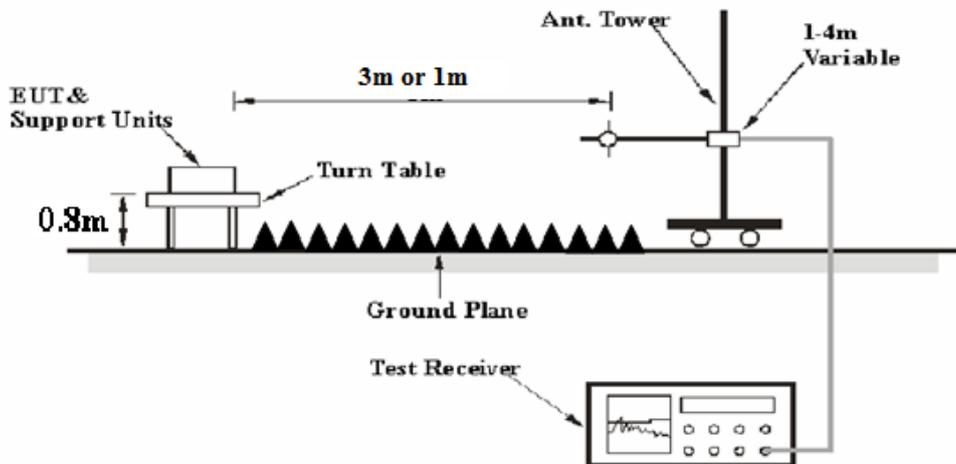
FCC §15.109 - RADIATED SPURIOUS EMISSIONS

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 26.5-40GHz was performed at 1 m distance, using the setup accordance with the ANSI C63.4-2014. The specification used was the FCC Part 15.109 Class B limits.

EMI Test Receiver Setup

The system was investigated from 30 MHz to 40 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	10Hz	/	AVG

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.

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 (specific distance [3m]/test distance [1m]) dB= 9.54 dB

All emissions under the average limit and under the noise floor have not recorded in the report.

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 + Insertion loss of attenuator - Amplifier Gain

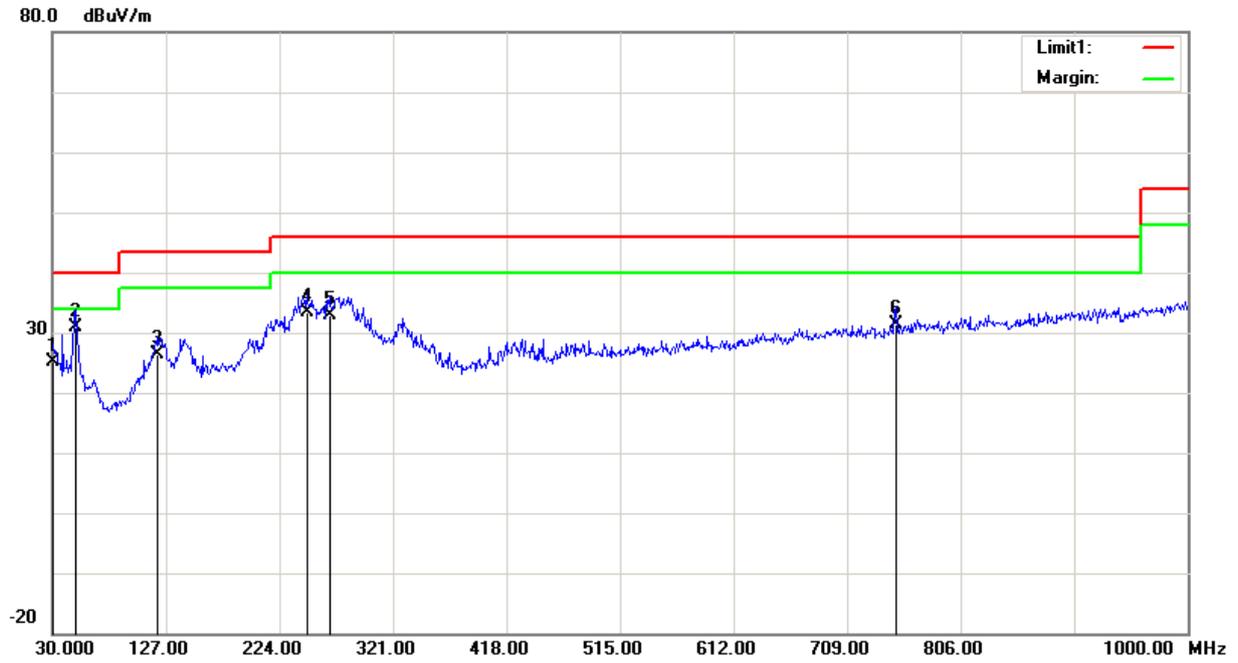
The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7 dB means the emission is 7 dB below the limit. The equation for margin calculation is as follows:

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

Test Data

Please refer to following table and plots:

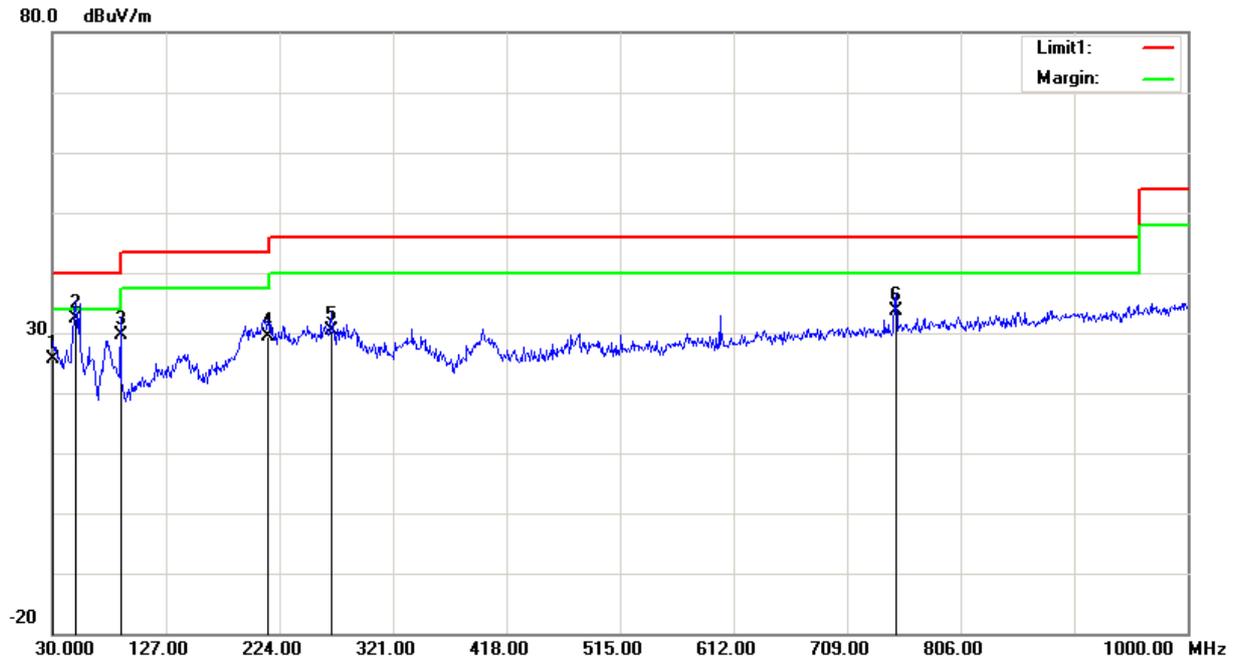
Condition:	FCC Class B 3M Radiation	Polarization:	Horizontal
EUT:	C2	Power:	AC 120V/60Hz
Model:	RC1B	Distance:	3m
Test Mode:	M1		



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected dB/m	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	30.0000	23.66	QP	1.54	25.20	40.00	14.80
2	49.4000	41.88	QP	-11.08	30.80	40.00	9.20
3	120.2100	31.19	QP	-4.89	26.30	43.50	17.20
4	247.2800	39.16	QP	-5.86	33.30	46.00	12.70
5	266.6800	37.31	QP	-4.31	33.00	46.00	13.00
6	750.7100	27.39	QP	3.91	31.30	46.00	14.70

Condition: FCC Class B 3M Radiation
EUT: C2
Model: RC1B
Test Mode: M1

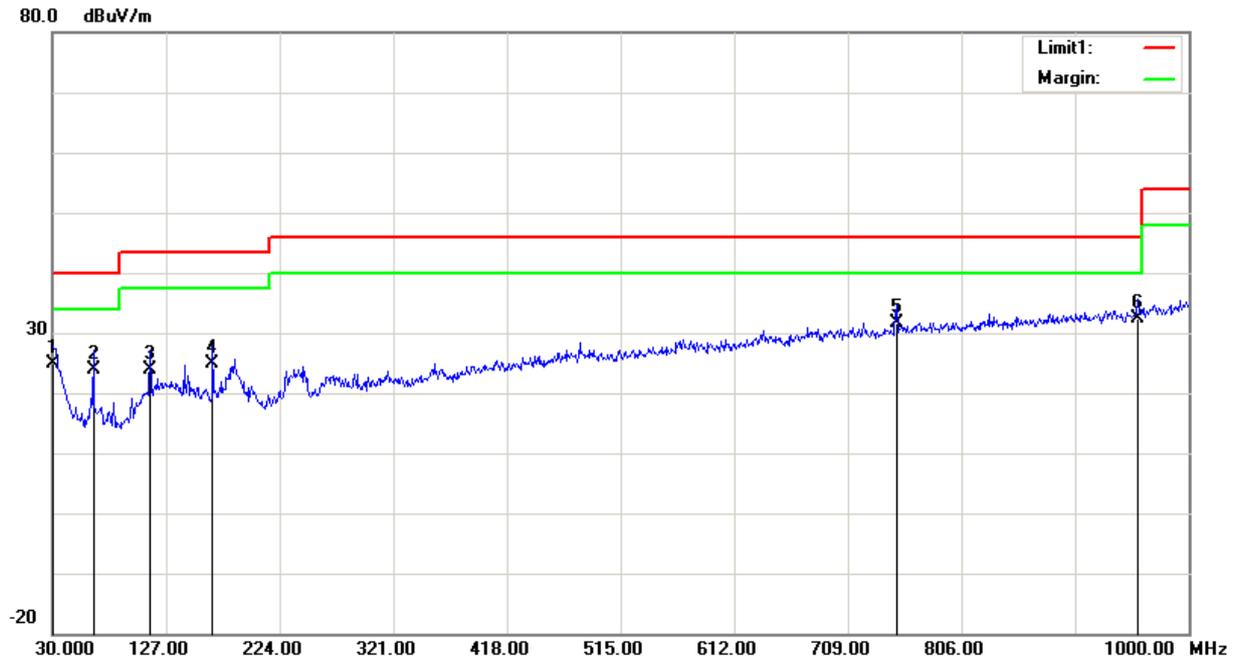
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected dB/m	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	30.0000	24.16	QP	1.54	25.70	40.00	14.30
2	50.3700	43.76	QP	-11.36	32.40	40.00	7.60
3	88.2000	41.19	QP	-11.49	29.70	43.50	13.80
4	214.3000	36.48	QP	-7.18	29.30	43.50	14.20
5	268.6200	34.62	QP	-4.22	30.40	46.00	15.60
6	750.7100	29.69	QP	3.91	33.60	46.00	12.40

Condition: FCC Class B 3M Radiation
EUT: C2
Model: RC1B
Test Mode: M2

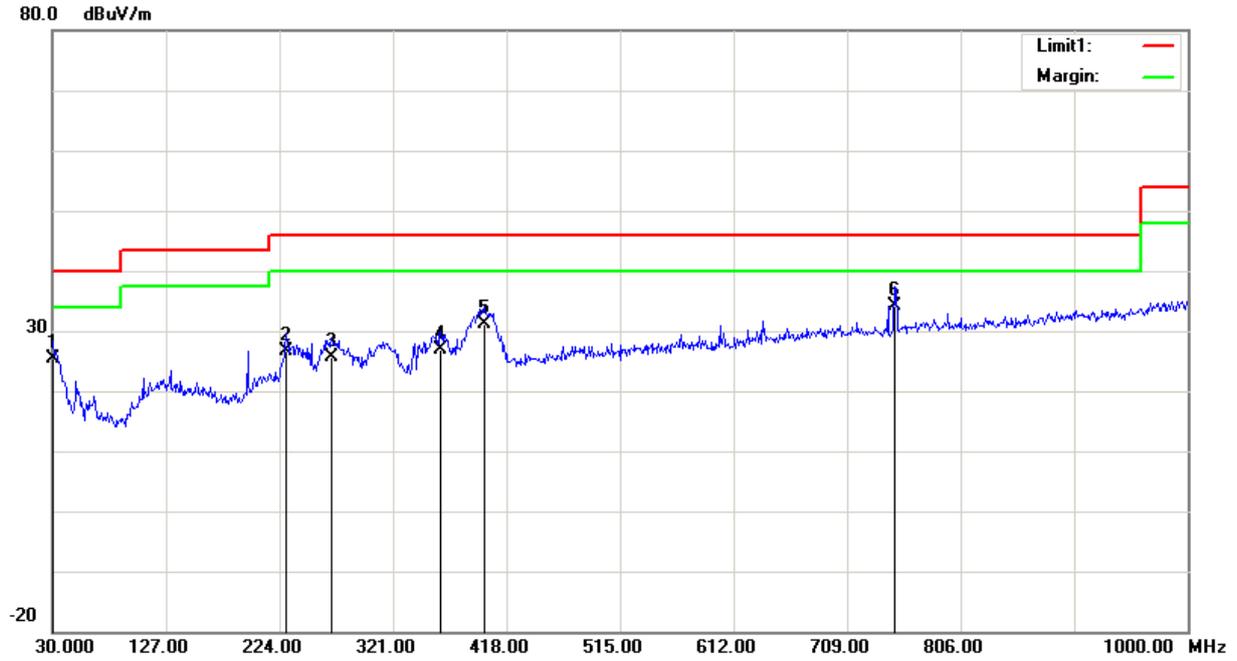
Polarization: Horizontal
Power: DC 3.83V
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected dB/m	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	30.9700	24.05	QP	0.85	24.90	40.00	15.10
2	64.9200	35.70	QP	-11.70	24.00	40.00	16.00
3	113.4200	29.64	QP	-5.64	24.00	43.50	19.50
4	166.7700	31.10	QP	-6.30	24.80	43.50	18.70
5	750.7100	27.79	QP	3.91	31.70	46.00	14.30
6	956.3500	35.76	QP	-3.26	32.50	46.00	13.50

Condition: FCC Class B 3M Radiation
EUT: C2
Model: RC1B
Test Mode: M2

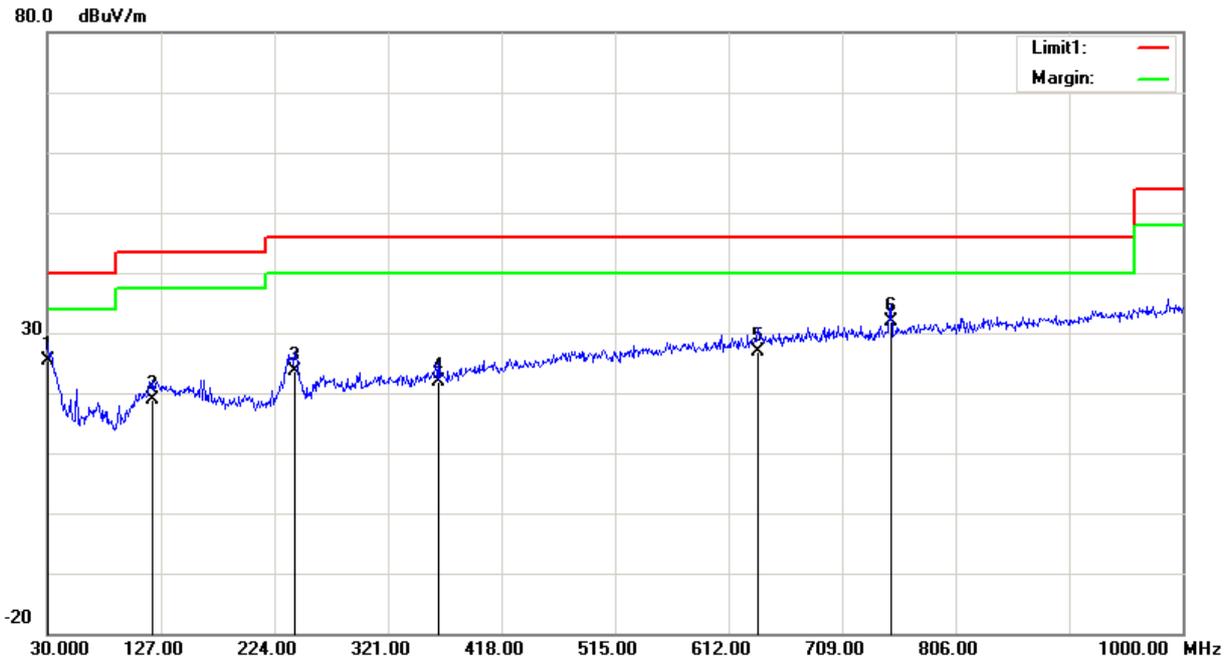
Polarization: Vertical
Power: DC 3.83V
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected dB/m	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	30.0000	23.86	QP	1.54	25.40	40.00	14.60
2	229.8200	33.08	QP	-6.38	26.70	46.00	19.30
3	268.6200	29.92	QP	-4.22	25.70	46.00	20.30
4	361.7400	29.54	QP	-2.64	26.90	46.00	19.10
5	398.6000	32.93	QP	-1.83	31.10	46.00	14.90
6	749.7400	30.33	QP	3.87	34.20	46.00	11.80

Condition: FCC Class B 3M Radiation
EUT: C2
Model: RC1B
Test Mode: M3

Polarization: Horizontal
Power: DC 3.83V
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected dB/m	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	30.0000	23.86	QP	1.54	25.40	40.00	14.60
2	120.2100	23.89	QP	-4.89	19.00	43.50	24.50
3	241.4600	29.58	QP	-5.88	23.70	46.00	22.30
4	364.6500	24.60	QP	-2.60	22.00	46.00	24.00
5	637.2200	24.46	QP	2.54	27.00	46.00	19.00
6	750.7100	27.89	QP	3.91	31.80	46.00	14.20

Condition: FCC Class B 3M Radiation
EUT: C2
Model: RC1B
Test Mode: M3

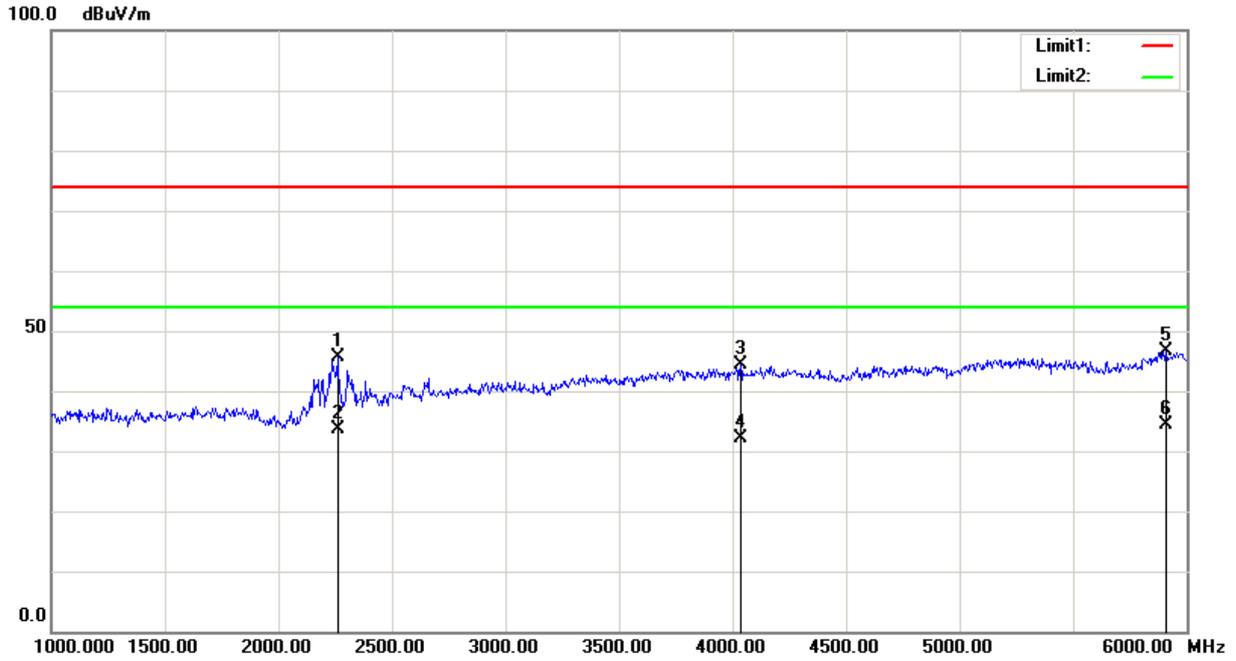
Polarization: Vertical
Power: DC 3.83V
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected dB/m	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	30.9700	24.75	QP	0.85	25.60	40.00	14.40
2	229.8200	31.18	QP	-6.38	24.80	46.00	21.20
3	265.7100	29.75	QP	-4.35	25.40	46.00	20.60
4	363.6800	31.21	QP	-2.61	28.60	46.00	17.40
5	394.7200	33.65	QP	-1.95	31.70	46.00	14.30
6	750.7100	29.79	QP	3.91	33.70	46.00	12.30

Condition: FCC Part 15 Class B
 EUT: C2
 Model: RC1B
 Test Mode: M1

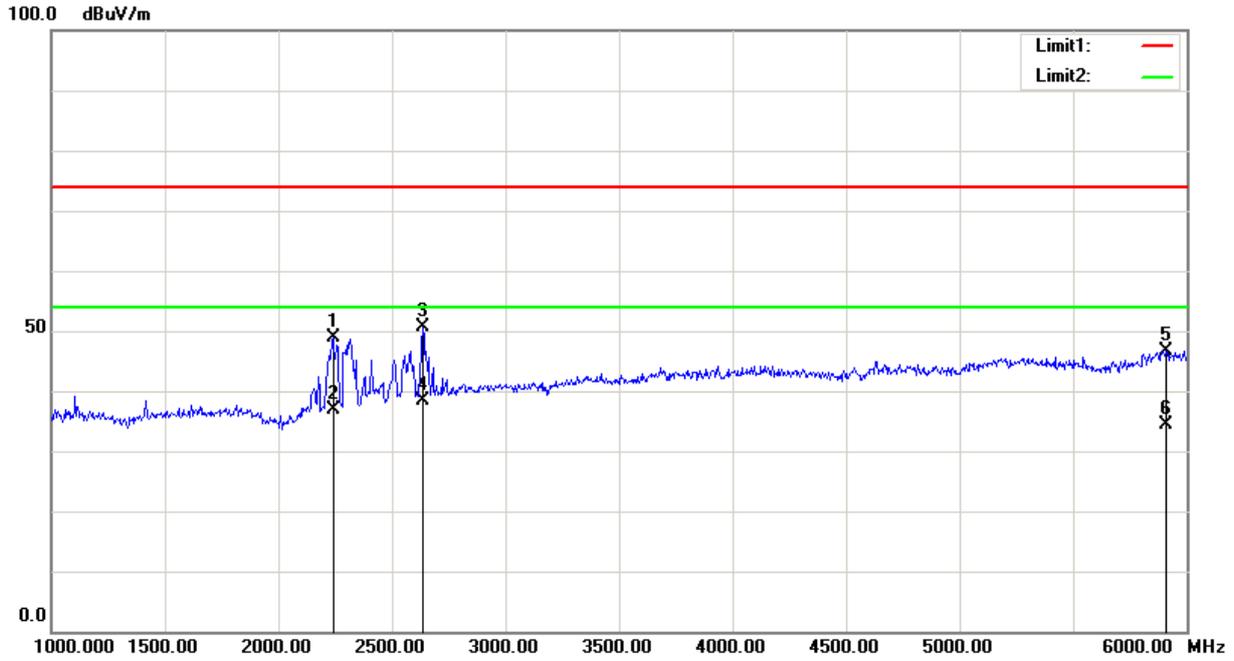
Polarization: Horizontal
 Power: AC 120V/60Hz
 Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	2260.000	52.44	peak	-6.75	45.69	74.00	28.31
2	2260.000	40.33	AVG	-6.75	33.58	54.00	20.42
3	4035.000	46.25	peak	-1.95	44.30	74.00	29.70
4	4035.000	34.10	AVG	-1.95	32.15	54.00	21.85
5	5910.000	45.70	peak	0.82	46.52	74.00	27.48
6	5910.000	33.45	AVG	0.82	34.27	54.00	19.73

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M1

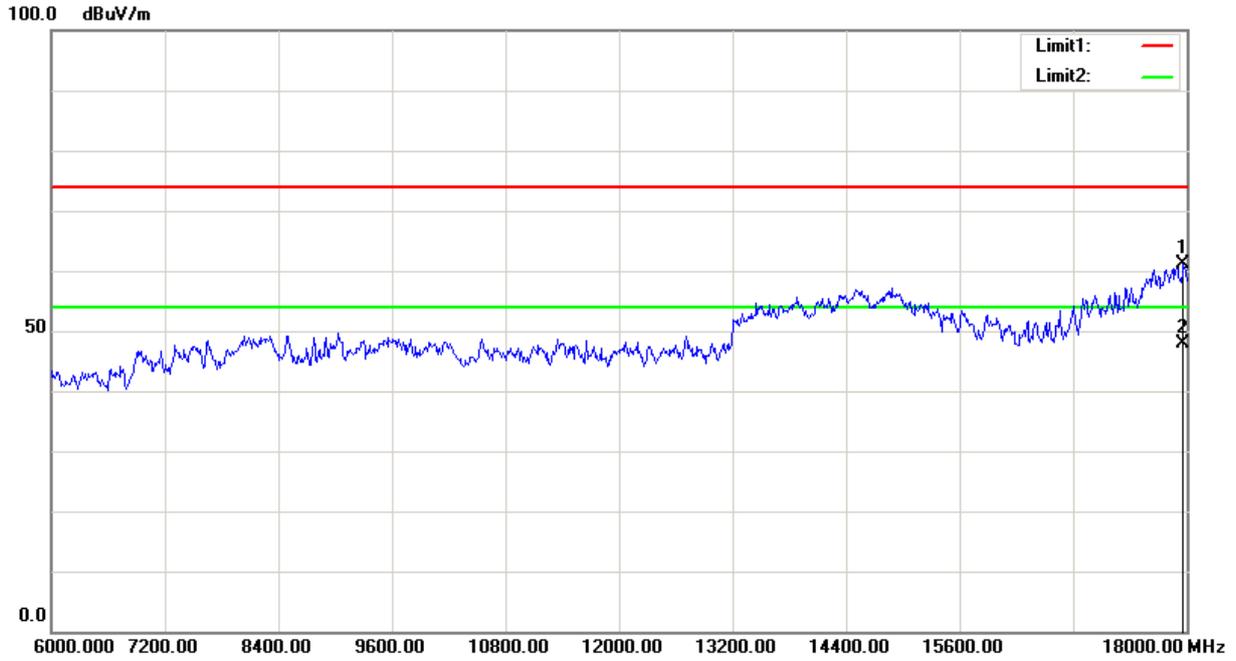
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	2240.000	55.73	peak	-6.74	48.99	74.00	25.01
2	2240.000	43.54	AVG	-6.74	36.80	54.00	17.20
3	2637.500	56.30	peak	-5.73	50.57	74.00	23.43
4	2637.500	44.10	AVG	-5.73	38.37	54.00	15.63
5	5910.000	45.81	peak	0.82	46.63	74.00	27.37
6	5910.000	33.56	AVG	0.82	34.38	54.00	19.62

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M1

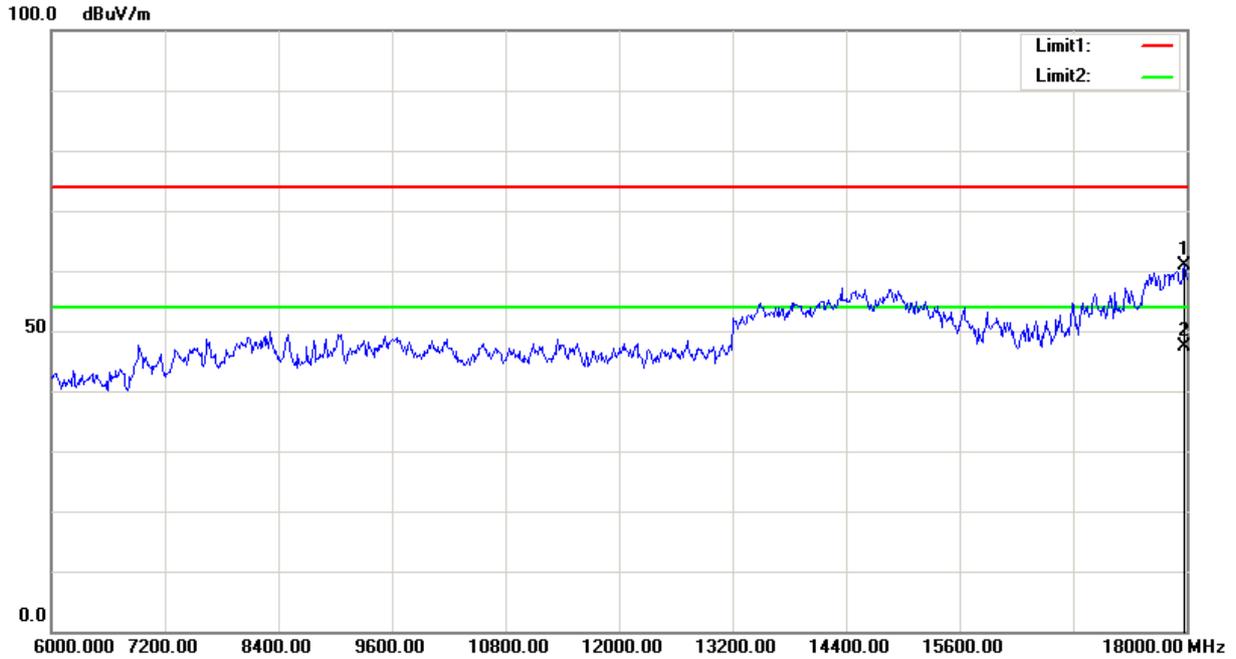
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	17964.000	44.34	peak	16.89	61.23	74.00	12.77
2	17964.000	30.88	AVG	16.89	47.77	54.00	6.23

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M1

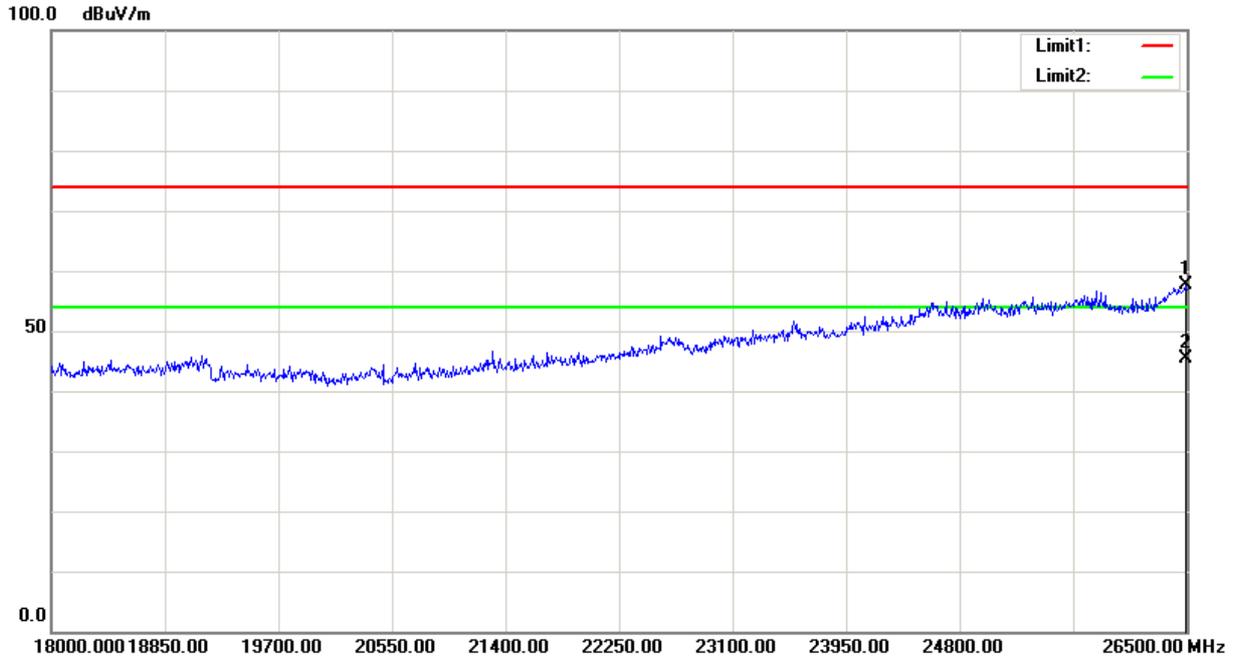
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	17982.000	43.80	peak	17.02	60.82	74.00	13.18
2	17982.000	30.45	AVG	17.02	47.47	54.00	6.53

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M1

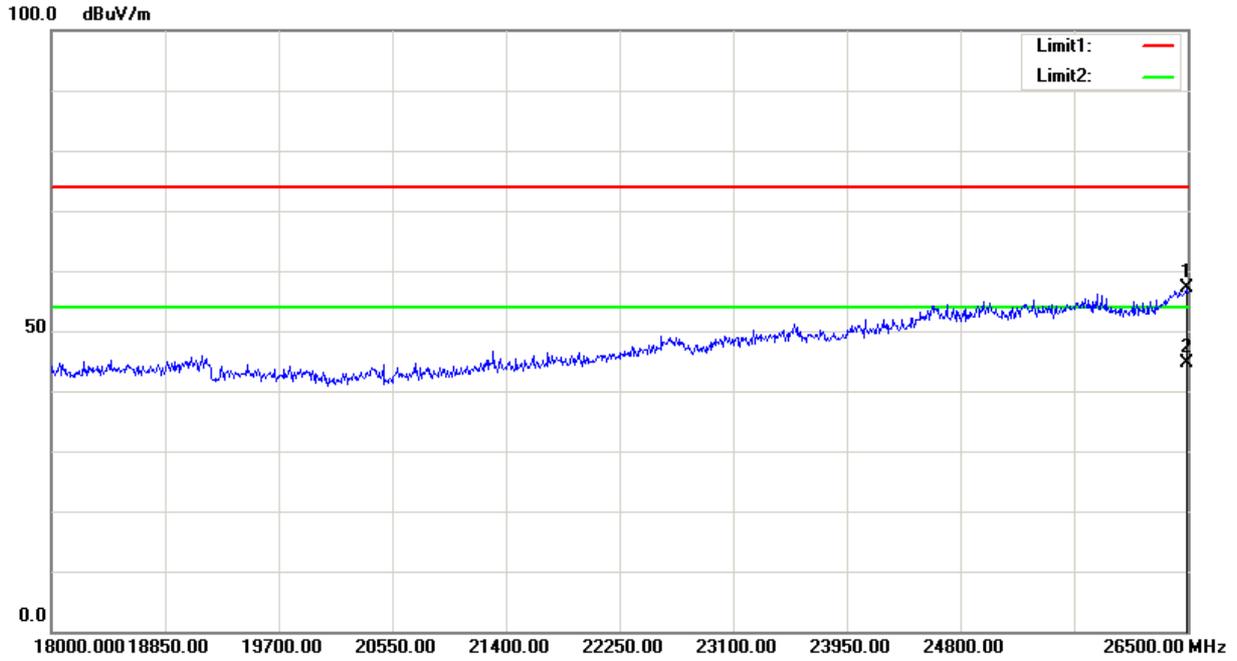
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	26495.750	35.85	peak	21.82	57.67	74.00	16.33
2	26495.750	23.45	AVG	21.82	45.27	54.00	8.73

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M1

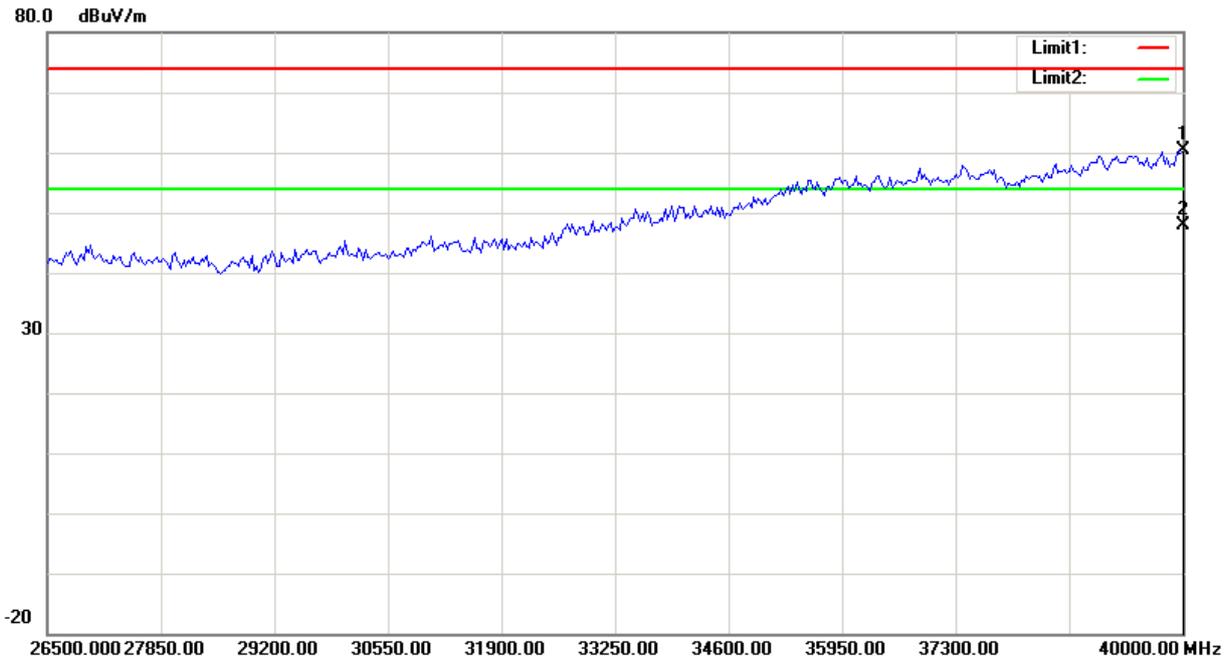
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	26495.750	35.35	peak	21.82	57.17	74.00	16.83
2	26495.750	22.86	AVG	21.82	44.68	54.00	9.32

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M1

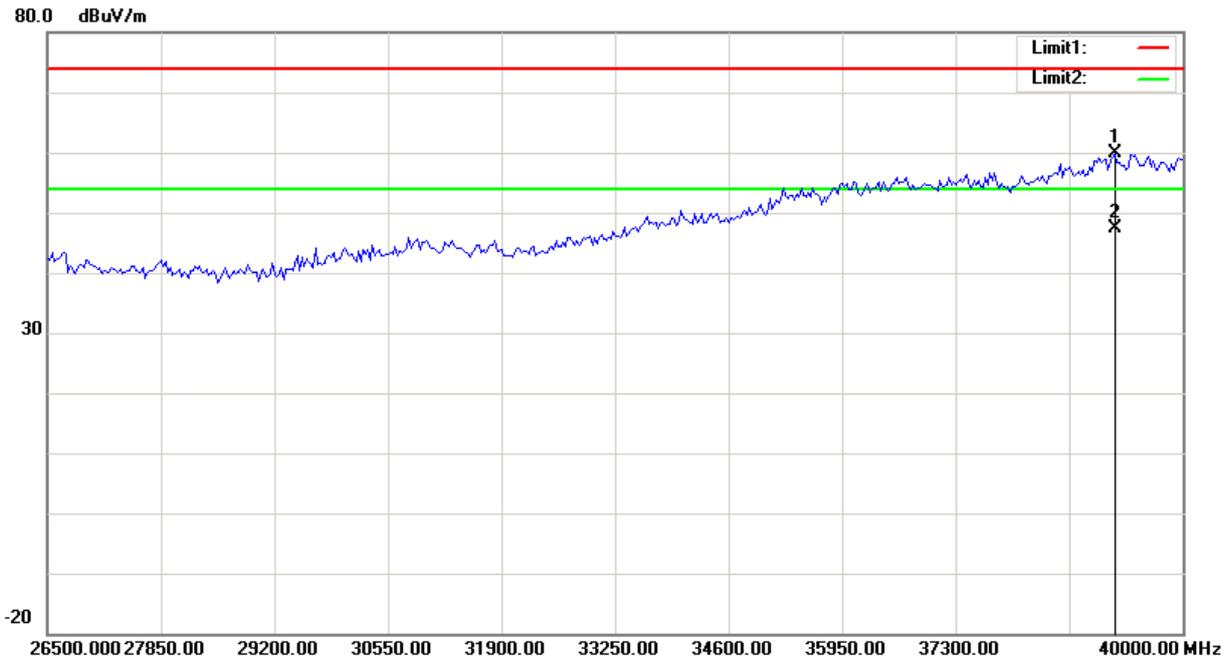
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 1m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	40000.000	44.50	peak	15.97	60.47	74.00	13.53
2	40000.000	31.87	AVG	15.97	47.84	54.00	6.16

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M1

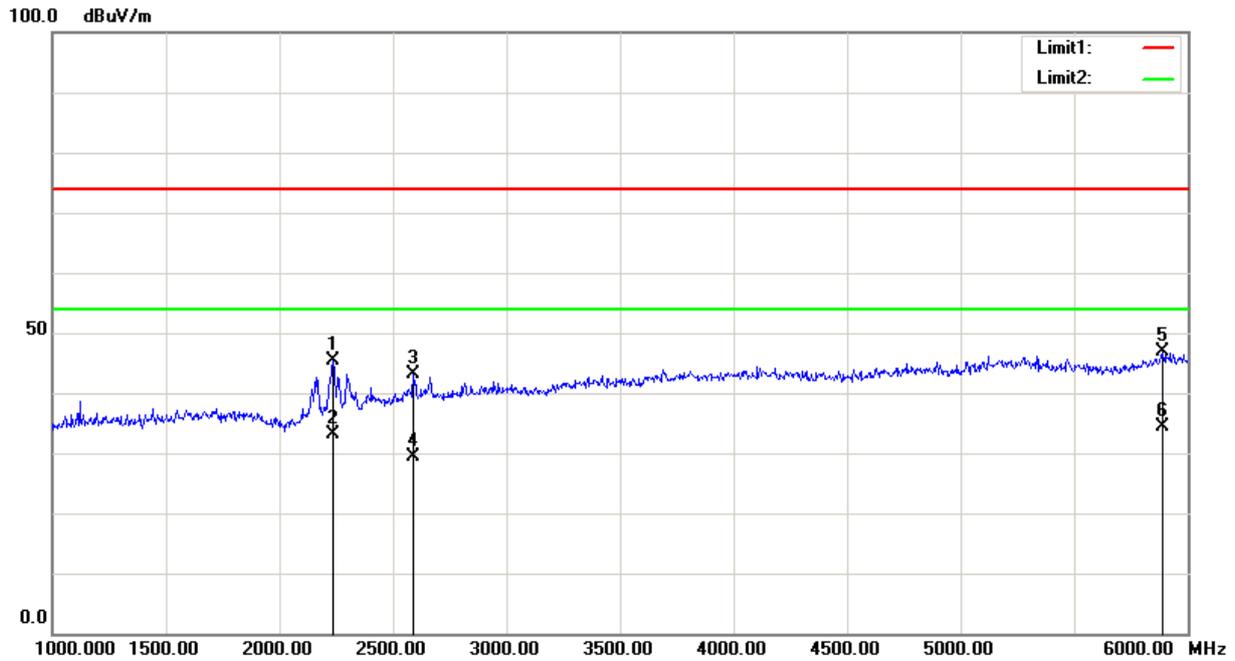
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Power: AC 120V/60Hz
Distance: 1m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	39190.000	43.83	peak	15.95	59.78	74.00	14.22
2	39190.000	31.45	AVG	15.95	47.40	54.00	6.60

Condition: FCC Part 15 Class B
 EUT: C2
 Model: RC1B
 Test Mode: M2

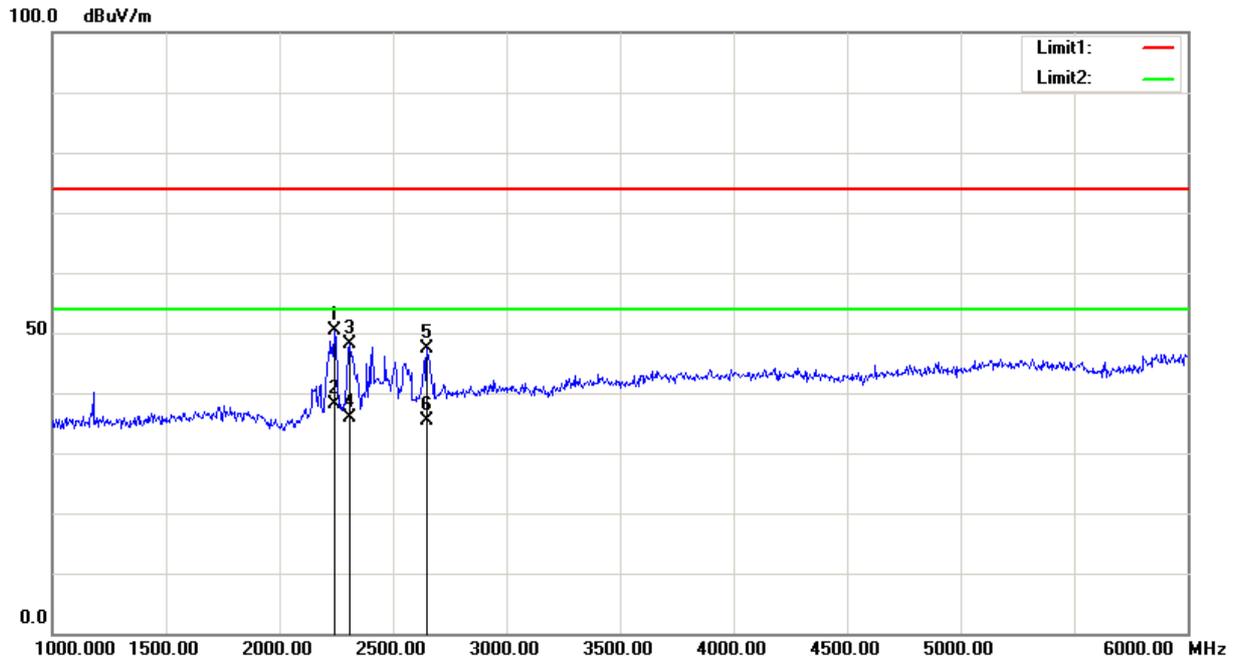
Polarization: Horizontal
 Power: AC 120V/60Hz
 Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	2237.500	52.03	peak	-6.73	45.30	74.00	28.70
2	2237.500	39.87	AVG	-6.73	33.14	54.00	20.86
3	2592.500	48.88	peak	-5.87	43.01	74.00	30.99
4	2592.500	35.34	AVG	-5.87	29.47	54.00	24.53
5	5892.500	46.14	peak	0.82	46.96	74.00	27.04
6	5892.500	33.65	AVG	0.82	34.47	54.00	19.53

Condition: FCC Part 15 Class B
 EUT: C2
 Model: RC1B
 Test Mode: M2

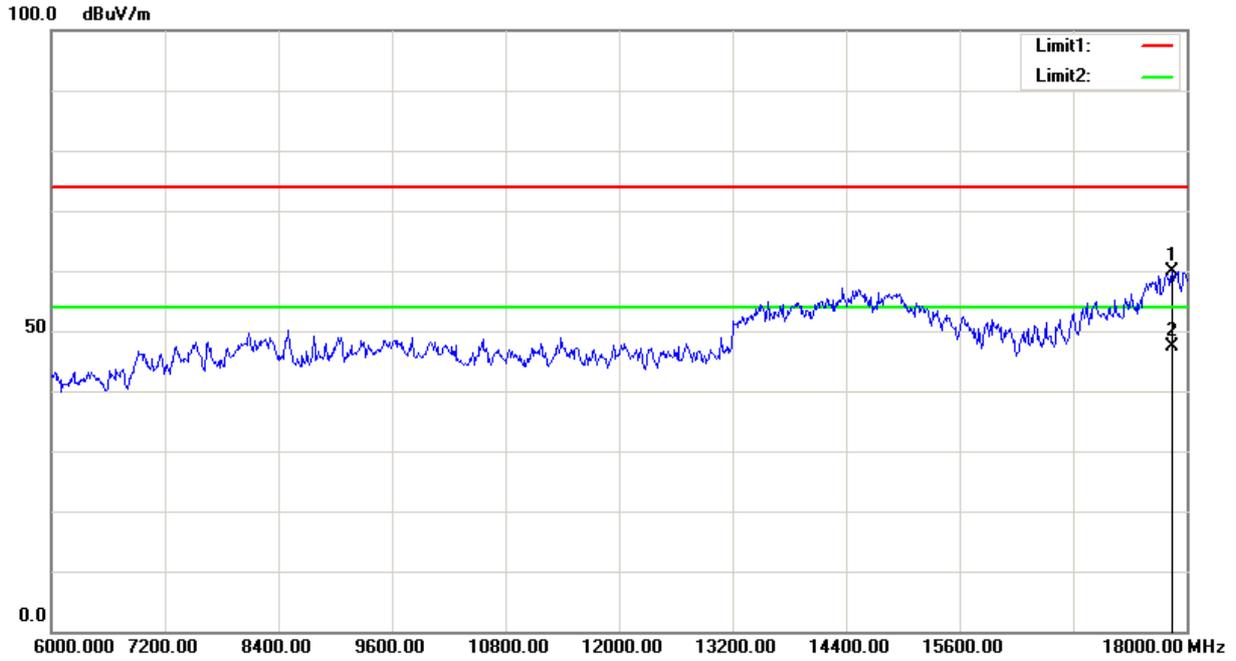
Polarization: Vertical
 Power: AC 120V/60Hz
 Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	2242.500	57.20	peak	-6.73	50.47	74.00	23.53
2	2242.500	44.75	AVG	-6.73	38.02	54.00	15.98
3	2310.000	54.90	peak	-6.76	48.14	74.00	25.86
4	2310.000	42.63	AVG	-6.76	35.87	54.00	18.13
5	2650.000	53.08	peak	-5.70	47.38	74.00	26.62
6	2650.000	41.02	AVG	-5.70	35.32	54.00	18.68

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M2

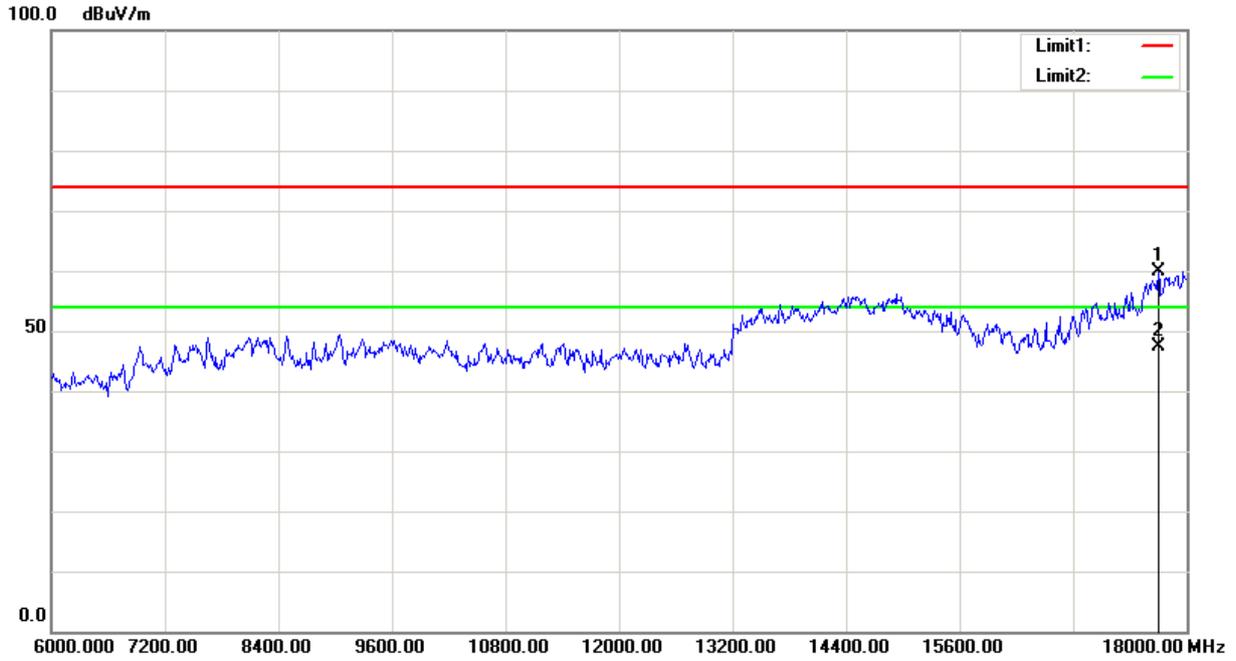
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	17850.000	43.91	peak	16.06	59.97	74.00	14.03
2	17850.000	31.35	AVG	16.06	47.41	54.00	6.59

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M2

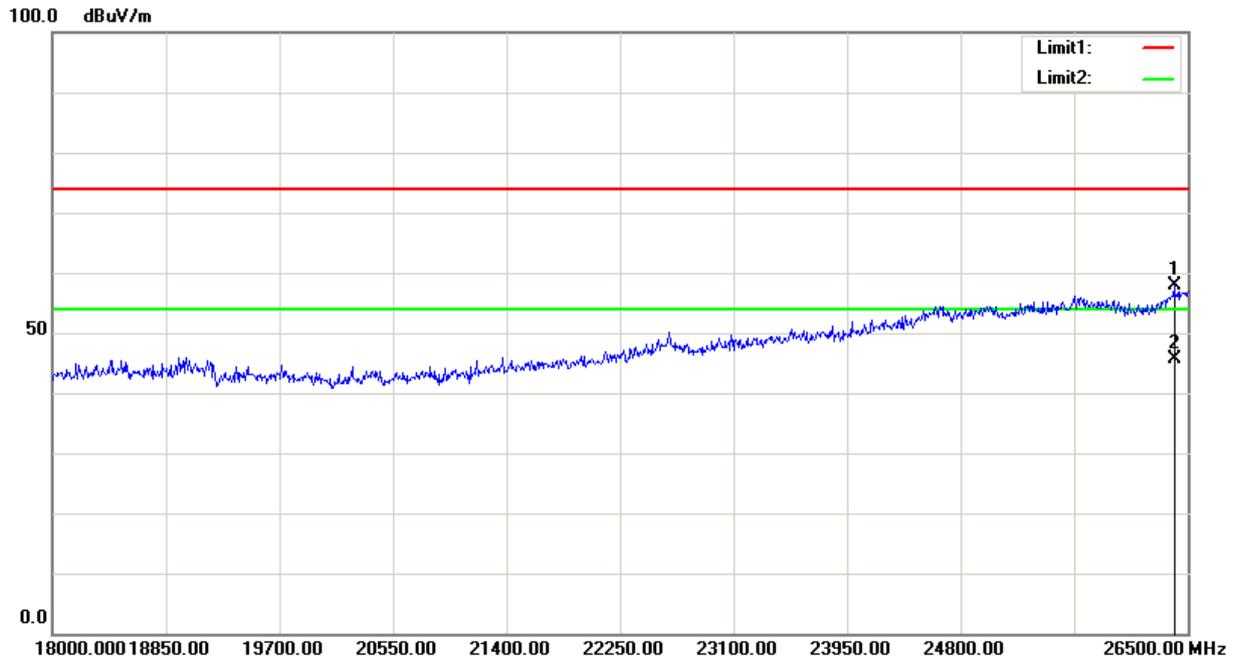
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	17706.000	44.93	peak	15.02	59.95	74.00	14.05
2	17706.000	32.45	AVG	15.02	47.47	54.00	6.53

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M2

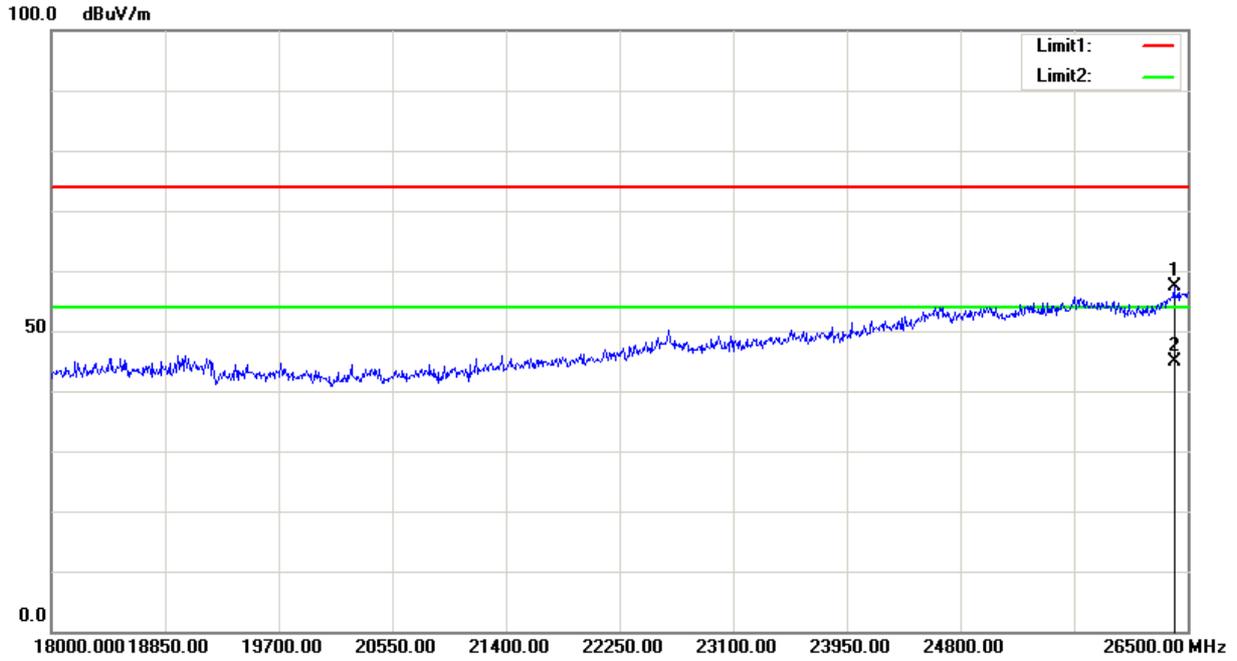
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	26402.250	36.55	peak	21.41	57.96	74.00	16.04
2	26402.250	24.10	AVG	21.41	45.51	54.00	8.49

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M2

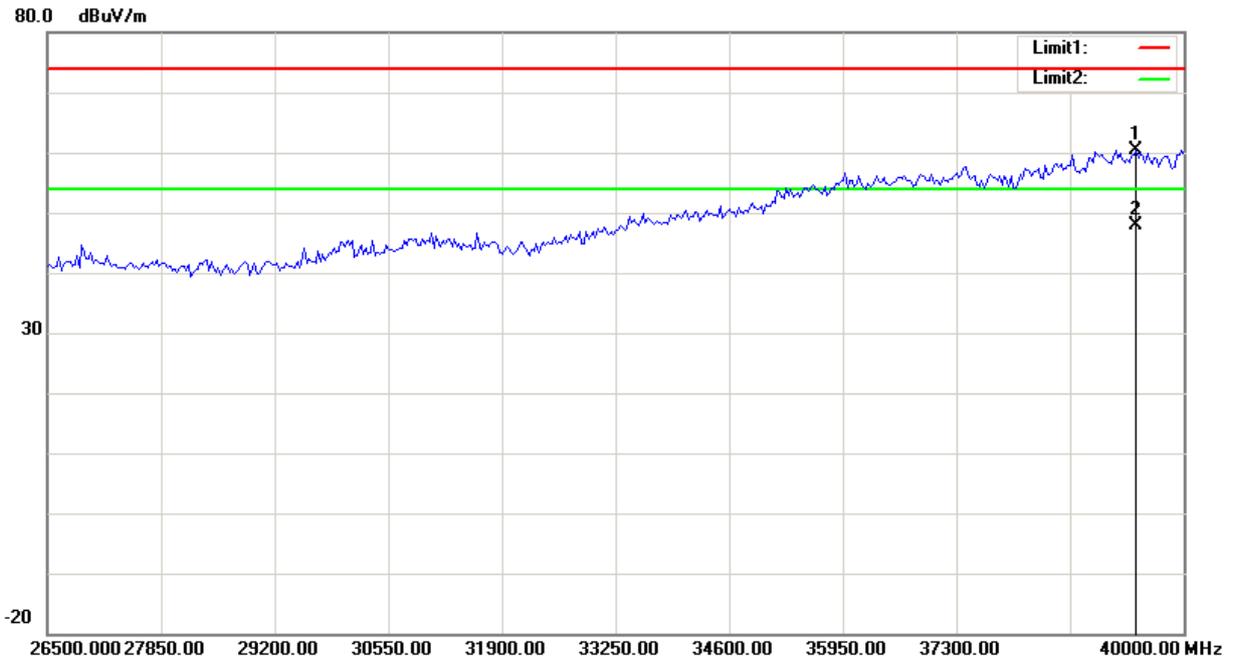
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	26402.250	36.05	peak	21.41	57.46	74.00	16.54
2	26402.250	23.54	AVG	21.41	44.95	54.00	9.05

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M2

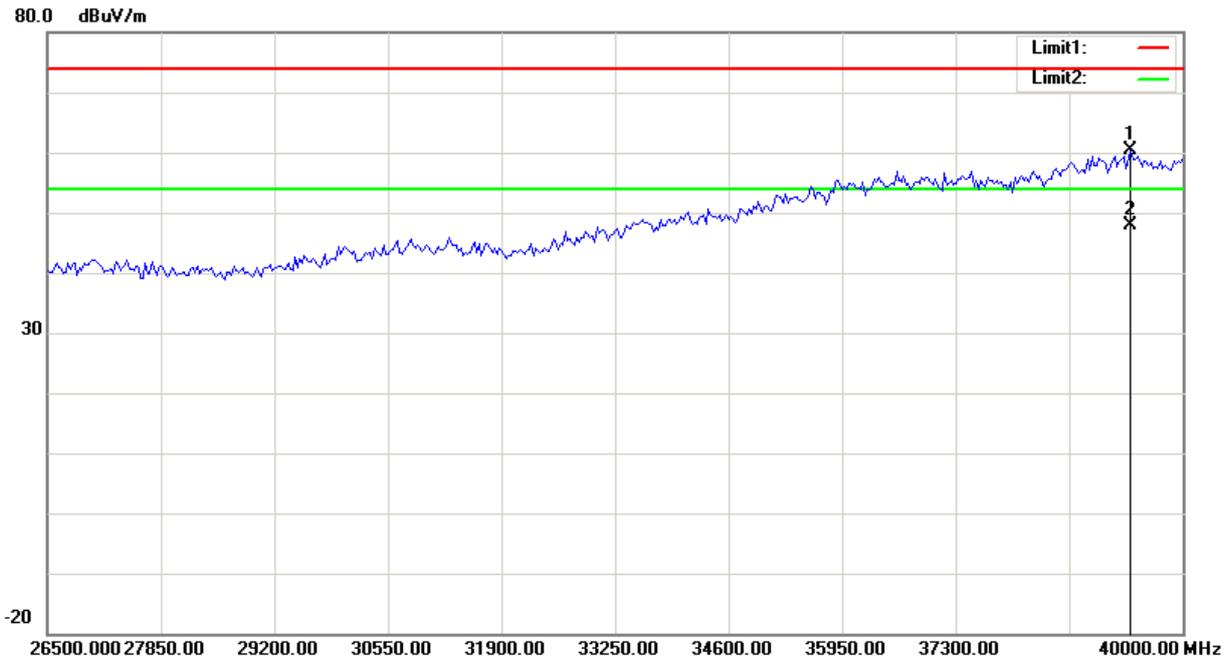
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 1m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	39433.000	44.57	peak	15.90	60.47	74.00	13.53
2	39433.000	32.05	AVG	15.90	47.95	54.00	6.05

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M2

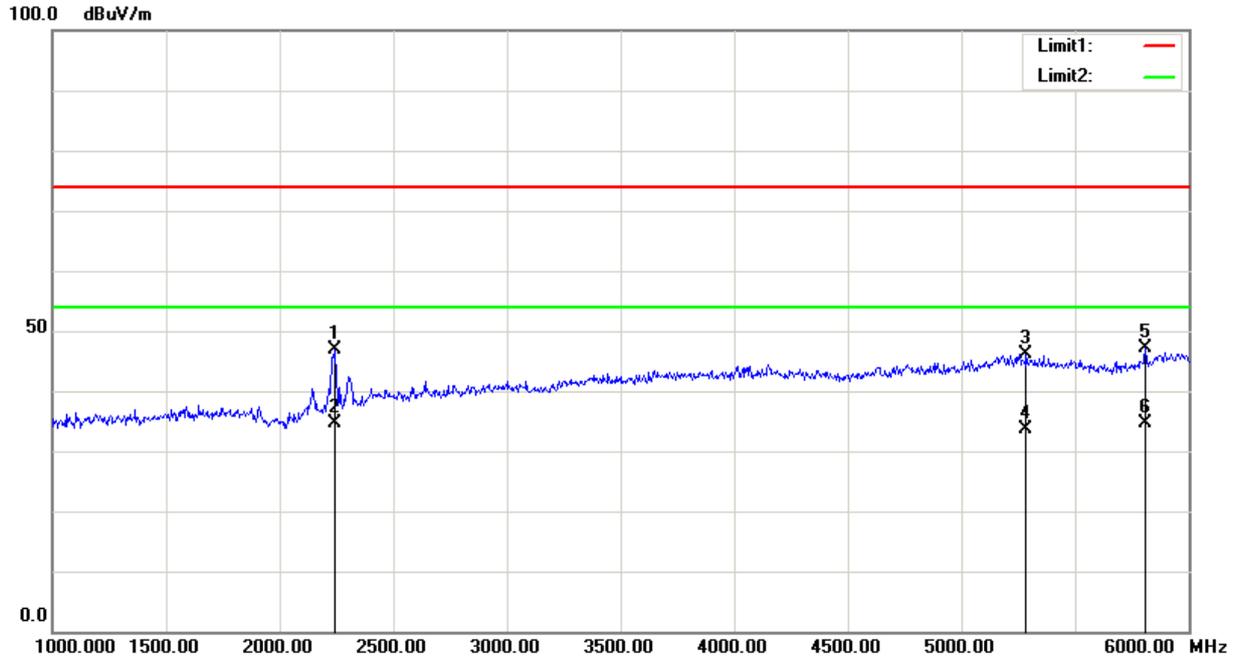
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 1m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	39379.000	44.33	peak	16.02	60.35	74.00	13.65
2	39379.000	31.78	AVG	16.02	47.80	54.00	6.20

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M3

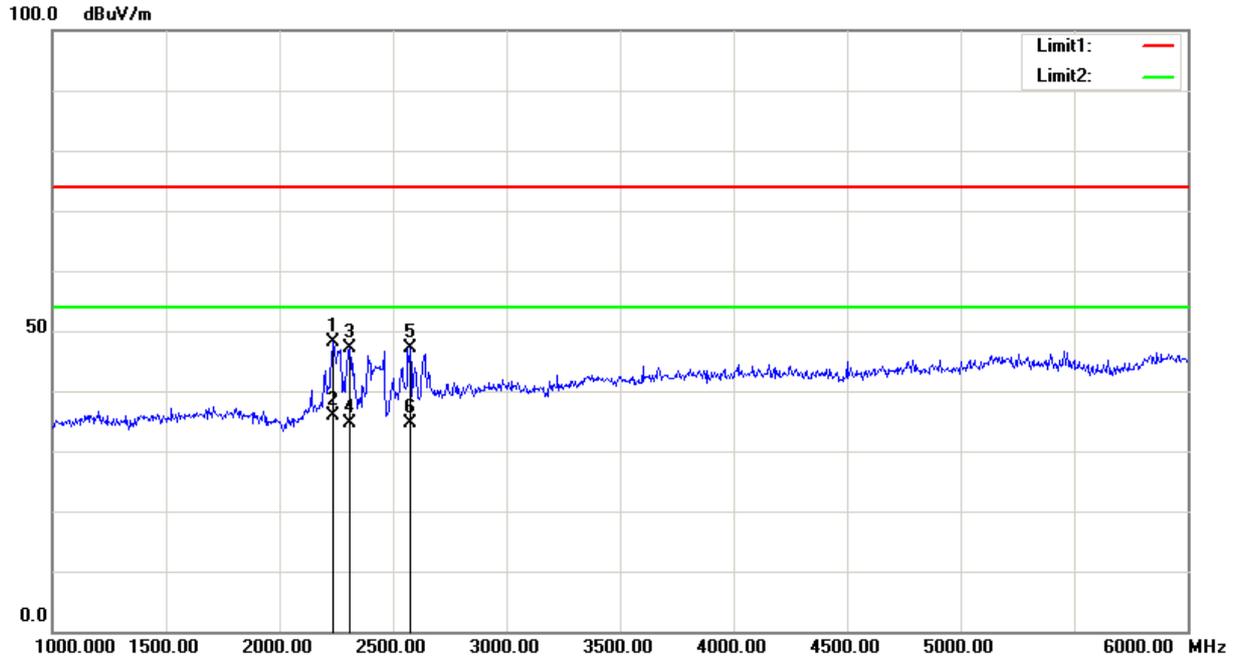
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	2240.000	53.65	peak	-6.74	46.91	74.00	27.09
2	2240.000	41.35	AVG	-6.74	34.61	54.00	19.39
3	5287.500	46.35	peak	-0.16	46.19	74.00	27.81
4	5287.500	33.87	AVG	-0.16	33.71	54.00	20.29
5	5812.500	46.38	peak	0.68	47.06	74.00	26.94
6	5812.500	33.85	AVG	0.68	34.53	54.00	19.47

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M3

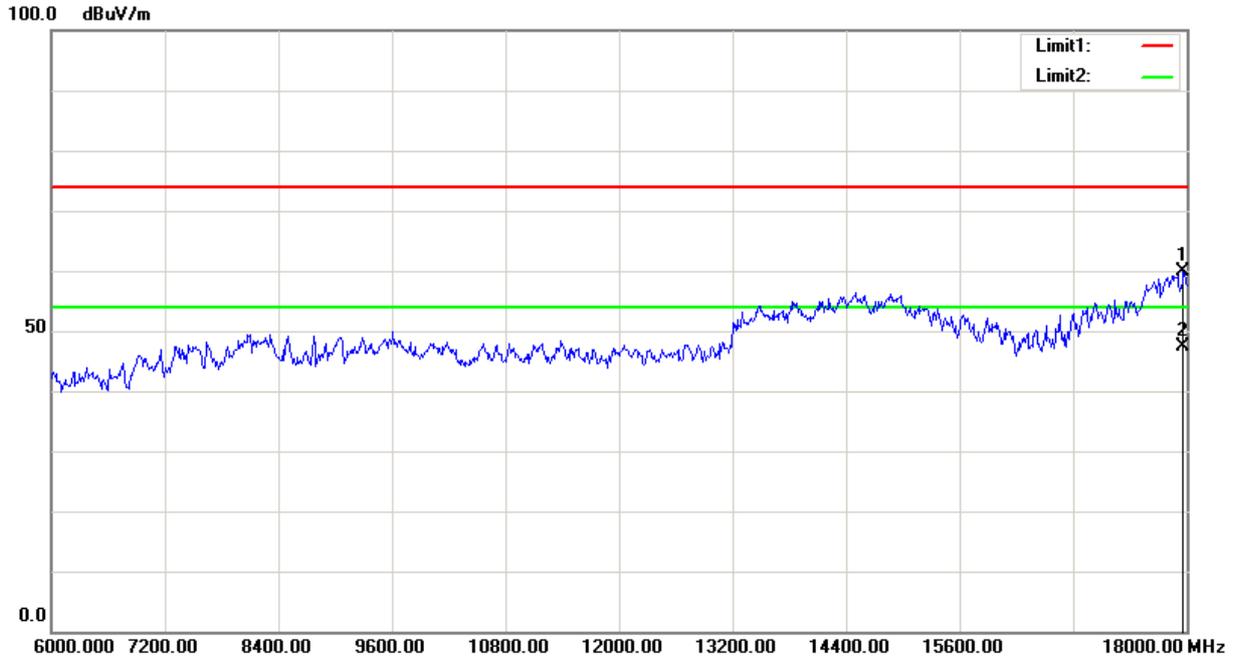
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	2235.000	54.85	peak	-6.73	48.12	74.00	25.88
2	2235.000	42.53	AVG	-6.73	35.80	54.00	18.20
3	2310.000	53.85	peak	-6.76	47.09	74.00	26.91
4	2310.000	41.45	AVG	-6.76	34.69	54.00	19.31
5	2577.500	52.99	peak	-5.93	47.06	74.00	26.94
6	2577.500	40.56	AVG	-5.93	34.63	54.00	19.37

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M3

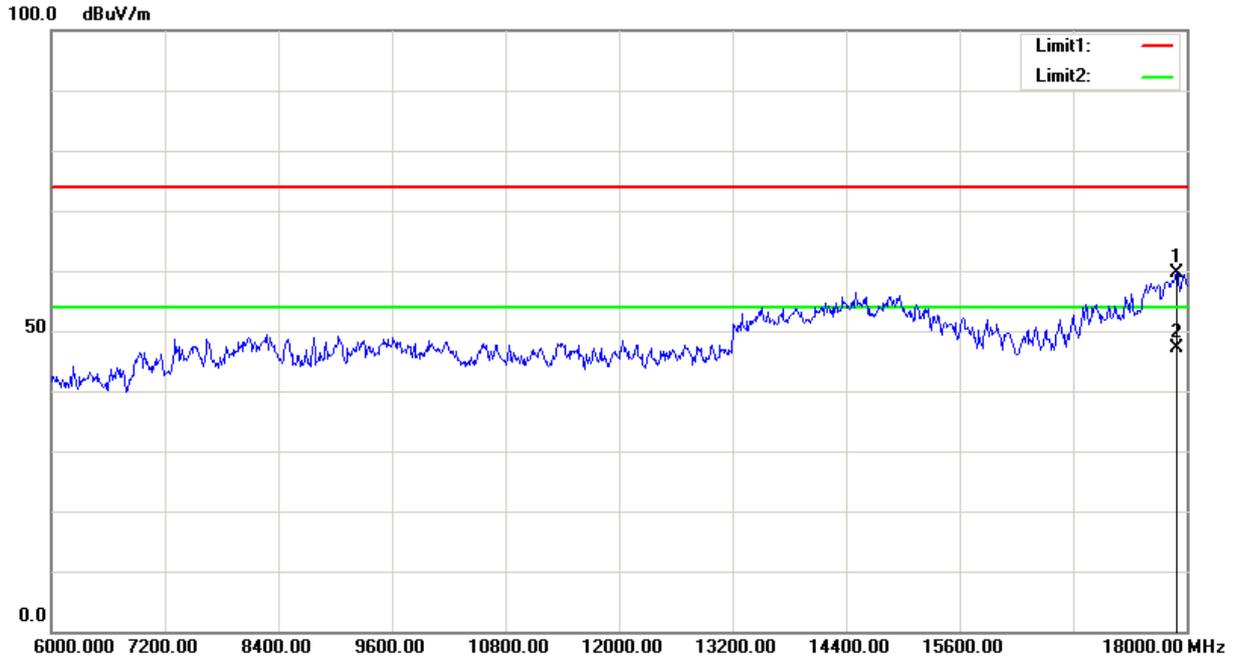
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	17964.000	42.97	peak	16.89	59.86	74.00	14.14
2	17964.000	30.42	AVG	16.89	47.31	54.00	6.69

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M3

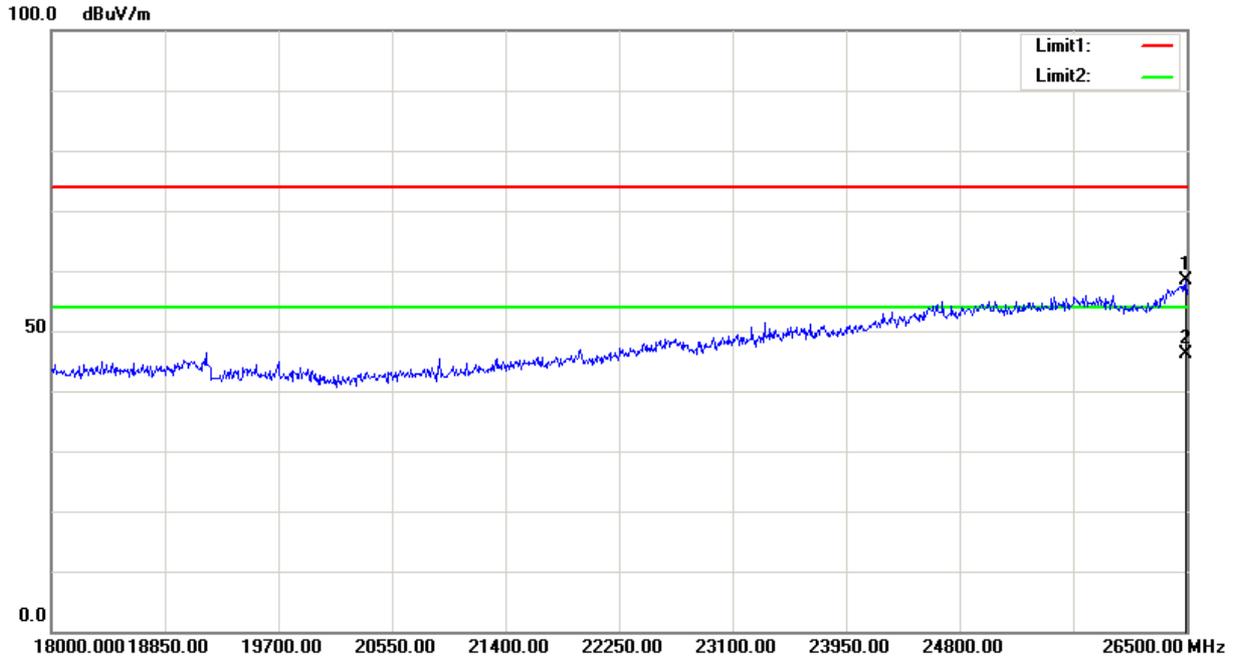
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	17898.000	43.34	peak	16.41	59.75	74.00	14.25
2	17898.000	30.78	AVG	16.41	47.19	54.00	6.81

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M3

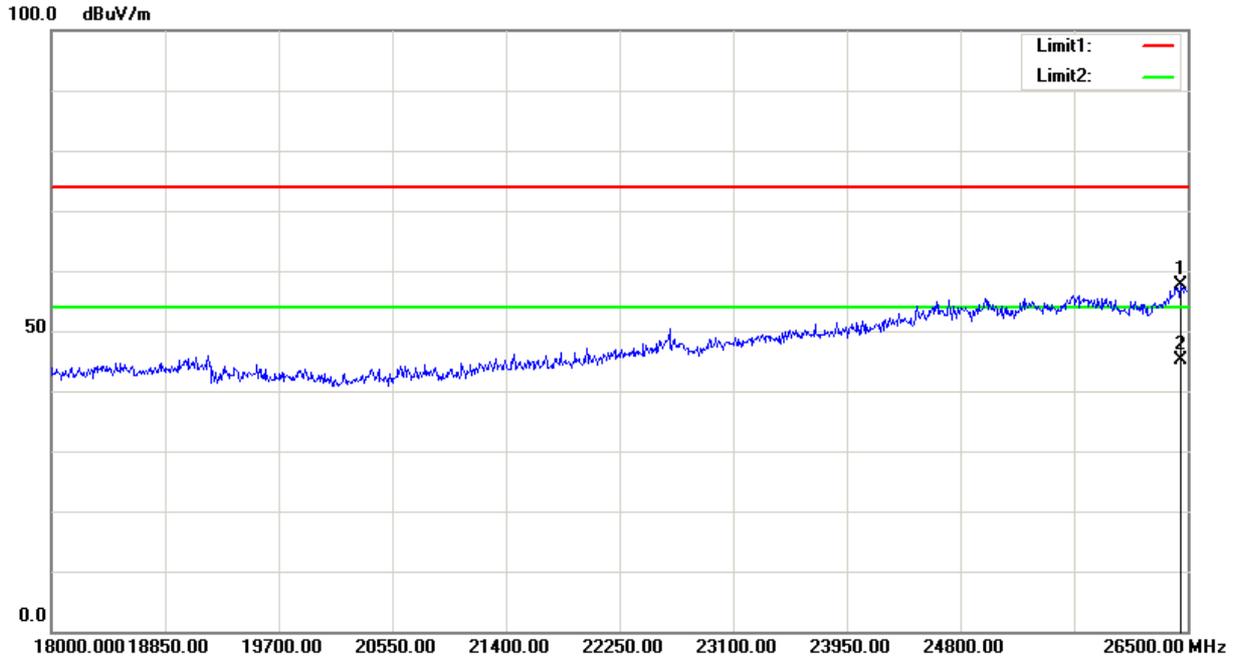
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	26495.750	36.60	peak	21.82	58.42	74.00	15.58
2	26495.750	24.20	AVG	21.82	46.02	54.00	7.98

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M3

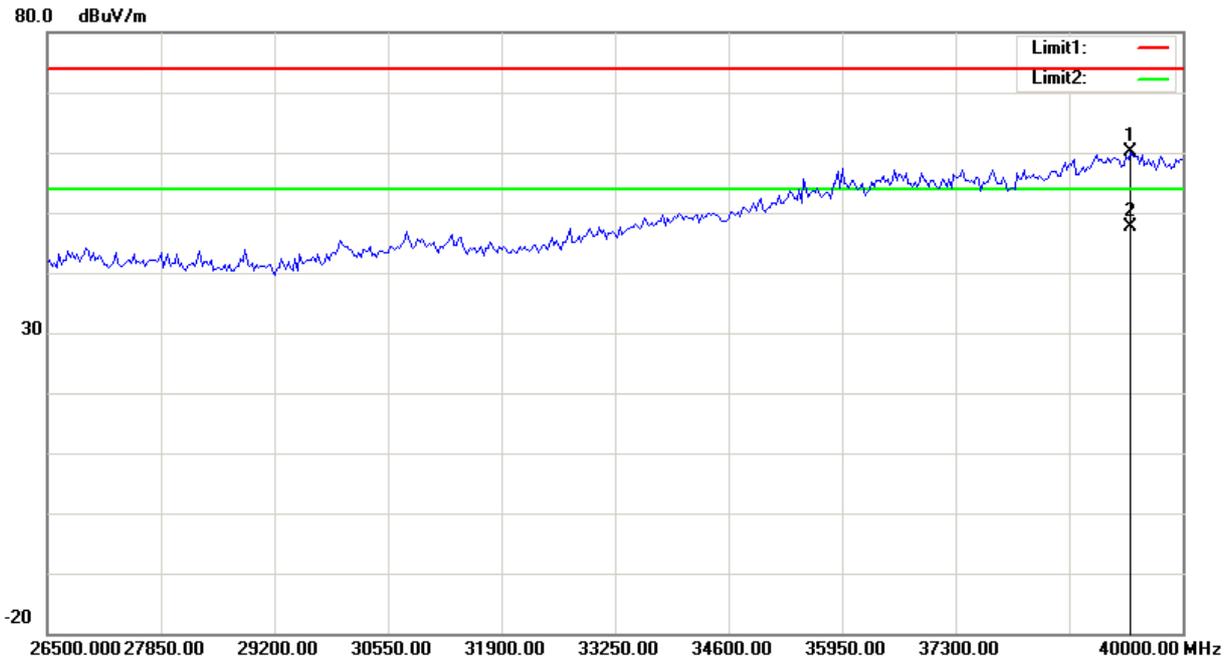
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	26453.250	35.88	peak	21.64	57.52	74.00	16.48
2	26453.250	23.46	AVG	21.64	45.10	54.00	8.90

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M3

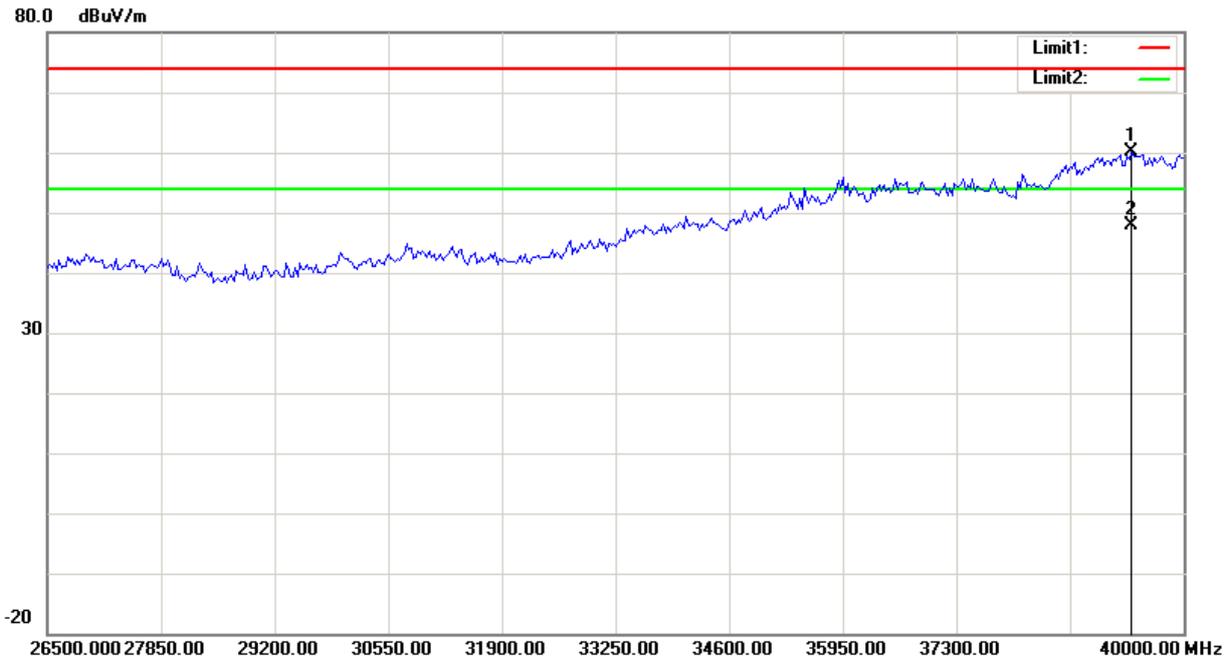
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 1m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	39379.000	44.14	peak	16.02	60.16	74.00	13.84
2	39379.000	31.68	AVG	16.02	47.70	54.00	6.30

Condition: FCC Part 15 Class B
EUT: C2
Model: RC1B
Test Mode: M3

Polarization: Vertical
Power: AC 120V/60Hz
Distance: 1m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	39379.000	44.14	peak	16.02	60.16	74.00	13.84
2	39379.000	31.78	AVG	16.02	47.80	54.00	6.20

END OF REPORT