

APPLICATION FOR CERTIFICATION

On Behalf of

Hobbico Inc.

Radio Control

Model No. : JM912

FCC ID : IYFTM12J-24G

Prepared for : Hobbico Inc.
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Illinois, United States, 61821

Prepared by : AUDIX Technology Corporation
EMC Department
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Date of Report : May 05, 2009

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APPENDIX I (Radiated Test Data for frequency rang above 1GHz at Semi-Anechoic Chamber)

TEST REPORT CERTIFICATION

Applicant : Hobbico Inc.
 Manufacturer : Futaba Corporation
 EUT Description : Radio Control
 FCC ID : IYFTM12J-24G
 (A) Model No. : JM912
 (B) Serial No. : N/A
 (C) Power Supply : DC 9.6V
 (D) Test Voltage : DC 9.6V (Via Remote Control)

Measurement Procedure Used:

FCC RULES AND REGULATIONS PART 15 SUBPART C, July. 2008
AND ANSI C63.4/2003

(FCC CFR 47 Part 15C, §15.207 and §15.209 and §15.247)

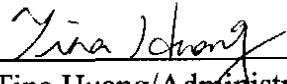
The device described above was tested by AUDIX Technology Corporation to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 15 subpart C limits.

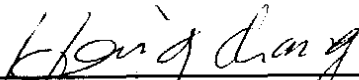
The measurement results are contained in this test report and AUDIX Technology Corporation is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the FCC official limits.

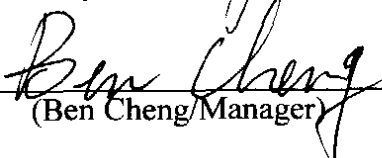
This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX Technology Corporation.

Date of Test : Apr. 29, 2009

Date of Report : May 05, 2009

Producer : 
 (Tina Huang/Administrator)

Review : 
 (Henning Chang/Supervisor)

Signatory : 
 (Ben Cheng/Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	Radio Control (Transmitter Unit)
Model Number	:	JM912
Serial Number	:	N/A
FCC ID	:	IYFTM12J-24G
Applicant	:	Hobbico Inc. 2904 Research Road, Champaign, Illinois, United States, 61821
Manufacturer	:	Futaba Corporation 1080 Yabutsuka Chosei-son Chosei-gun Chiba, 299-4395 Japan.
Radio Technology	:	DSSS Modulation
Frequency Band	:	2405.376MHz ~ 2479.104MHz
Tested Frequency	:	2405.376MHz (Channel 02) 2442.240MHz (Channel 38) 2479.104MHz (Channel 74)
Frequency Channel	:	36 channels
Antenna (Pencil Antenna)	:	Antenna Gain: 2.0dBi
Date of Receipt of Sample	:	Apr. 13, 2009
Date of Test	:	Apr. 29, 2009

1.2. Tested Supporting System Details

1.2.1. REMOTE CONTROL (LINK TO EUT)

Model Number : X-3810
 Serial Number : N/A
 Brand : JR PROPO

1.2.2. DC POWER SUPPLY (LINK TO REMOTE CONTROL)

Model Number : 3303A
 Serial Number : 721773
 Manufacturer : TOP WARD
 DC Power Cable : Non-Shielded, Detachable, 0.8m
 AC Power Cord : Non-Shielded, Detachable, 1.8m

1.3. Description of Test Facility

Name of Firm : **AUDIX Technology Corporation**
EMC Department
 No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,
 Taipei Hsien, Taiwan

Test Location & Facility (AC) : **Semi-Anechoic Chamber**
 No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,
 Taipei Hsien, Taiwan.
 May 15, 2006 File on
 Federal Communication Commission
 Registration Number: 90993

NVLAP Lab. Code : 200077-0
 (NVLAP is a NATA accredited body under Mutual Recognition Agreement)

TAF Accreditation No : 1724

1.4. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty (dB)
Radiation Test (Distance: 3m)	30MHz~300MHz	± 2.91dB
	300MHz~1000MHz	± 2.74dB
	Above 1GHz	± 5.02dB

Remark : Uncertainty = $ku_c(y)$

Test Item	Uncertainty
6dB Bandwidth	± 0.05kHz
Emission Limitations	± 0.13dB
Maximum peak output power	± 0.33dBm
Band edges	± 0.13dB
Power spectral density	± 0.13dB

2. CONDUCTED EMISSION MEASUREMENT

【The EUT only employs battery power for operation, no conductive emission limits are required according to FCC Part 15 Section §15.207】

3. RADIATED EMISSION MEASUREMENT

3.1. Test Equipment

The following test equipment was used during the radiated emission measurement:

3.1.1. For Frequency Range 30MHz~1000MHz (at Semi-Anechoic Chamber)

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	HP	8564EC	3946A00249	Oct. 24, 08'	Oct. 23, 09'
2.	Test Receiver	R & S	ESCS30	100265	Aug. 28, 08'	Aug. 27, 09'
3.	Pre-Amplifier	HP	8447D	2944A06305	Feb. 04, 09'	Feb. 03, 10'
4.	Biconical Antenna	CHASE	VBA6106A	1264	Mar. 20, 09'	Mar. 19, 10'
5.	Log Periodic Antenna	Schwarzbeck	UHALP91 08-A	0810	Mar. 20, 09'	Mar. 19, 10'

3.1.2. For Frequency Above 1GHz (at Semi-Anechoic Chamber)

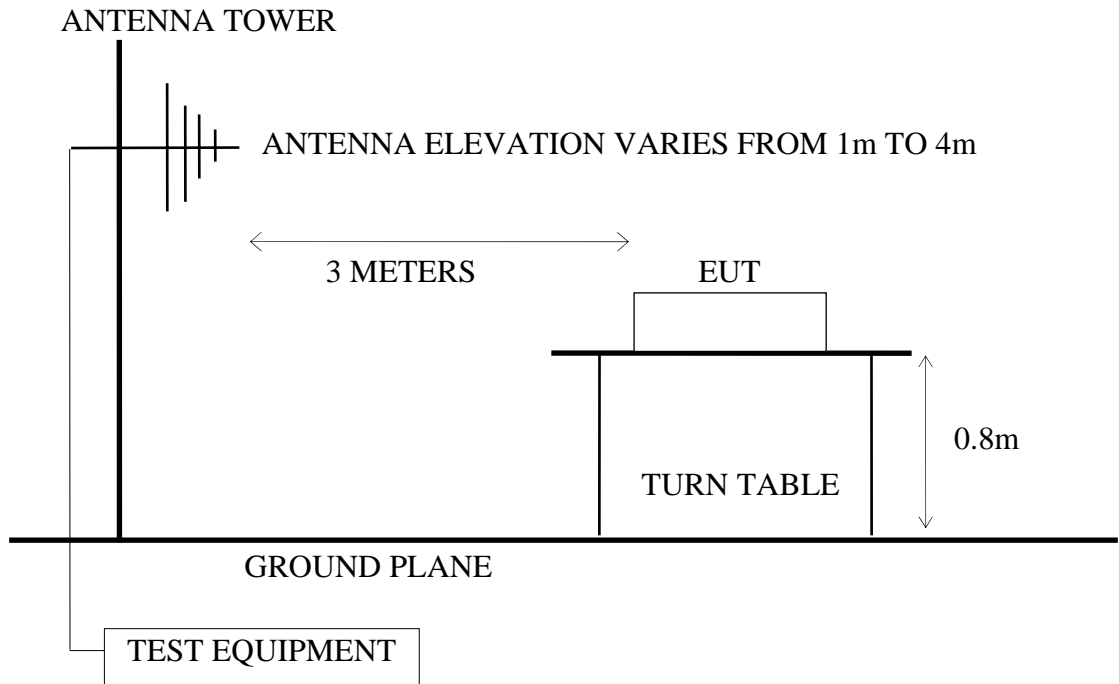
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	HP	8564EC	3946A00249	Oct. 24, 08'	Oct. 23, 09'
2.	Pre-Amplifier	HP	8449B	3008A01284	Jun. 17, 08'	Jun. 16, 09'
3.	2.4GHz Notch Filter	EWT	EWT-14-0 070	G2	Dec. 08, 08'	Dec. 07, 09'
4.	3.5G High Pass Filter	HP	84300- 80038	005	Jan. 09, 09'	Jan. 08, 10'
5.	Horn Antenna	EMCO	3115	9112-3775	May 20, 08'	May 19, 09'
6.	Horn Antenna	EMCO	3116	2653	Oct. 03, 08'	Oct. 02, 09'

3.2. Test Setup

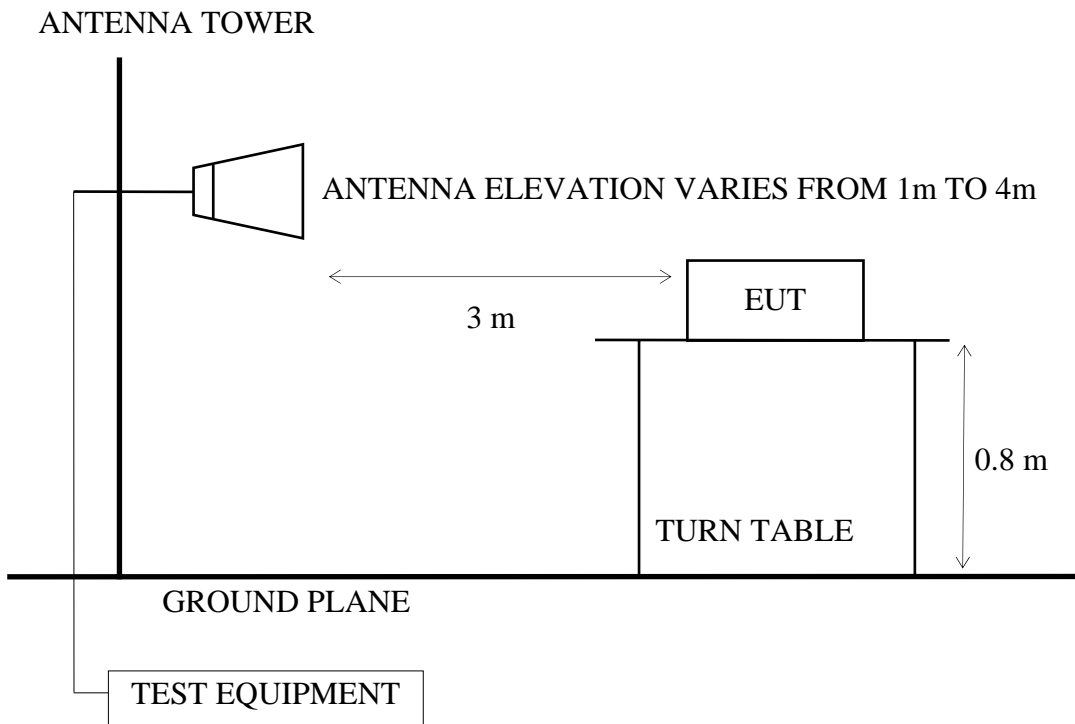
3.2.1. Block Diagram of connection between EUT and simulators



3.2.2. Semi-Anechoic Chamber (3m) Setup Diagram for 30-1000MHz



3.2.3. Semi-Anechoic Chamber (3m) Setup Diagram for above 1GHz



3.3. Radiated Emission Limits (§15.209)

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMITS	
		$\mu\text{V/m}$	$\text{dB}\mu\text{V/m}$
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
Above 960	3	500	54.0
Above 1000	3	74.0 $\text{dB}\mu\text{V/m}$ (Peak) 54.0 $\text{dB}\mu\text{V/m}$ (Average)	

- Remark :
- (1) Emission level ($\text{dB}\mu\text{V/m}$) = 20 log Emission level ($\mu\text{V/m}$)
 - (2) The tighter limit applies at the edge between two frequency bands.
 - (3) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
 - (4) The limits in this table are based on CFR 47 Part 15.205(a)(b) and Part 15.209 (a).
 - (5) The over 1GHz limit, FCC limit is used based on CFR 47 Part 15.35 (b) and Part 15.205(b) & Part 15.209(e) and Part 15.207(c).

3.4. Operating Condition of EUT

- 3.4.1. Set up the EUT (Radio Control) as shown on 3.2.
- 3.4.2. To turn on the power of all equipment.
- 3.4.3. The EUT was set the PC system using test program “Futaba Term”.
- 3.4.4. Transmit Mode: The EUT was set to continuously transmit signals at 2405.376MHz、2442.240MHz and 2479.104MHz during testing.
- 3.4.5. Receive Mode: The EUT was set to continuously receive signals at 2442.240MHz during testing.

3.5. Test Procedure

The EUT and its simulators were placed on a turn table which was 0.8 meter above the ground. The turn table rotated 360 degrees to determine the position of the maximum emission level. EUT was set 3 meters away from the receiving antenna which was mounted on an antenna tower. The antenna moved up and down between 1 to 4 meters to find out the maximum emission level. Broadband antenna such as calibrated biconical and log-periodical antenna or horn antenna were used as a receiving antenna. Both horizontal and vertical polarization of the antenna were set on measurement. In order to find the maximum emission, all of the interface cables were manipulated according to FCC ANSI C63.4-2003 regulation.

The bandwidth of the R&S Test Receiver ESCS30 was set at 120kHz. (For 30MHz to 1000MHz)

The resolution bandwidth and video bandwidth of test spectrum analyzer is 1MHz for peak detection (PK) at frequency above 1GHz.

The resolution bandwidth of test spectrum analyzer is 1MHz and the video bandwidth is 10Hz for average detection (AV) at frequency above 1GHz.

The frequency range from 30MHz to 25GHz (Up to 10th harmonics from fundamental frequency) was checked.

3.6. Test Results

PASSED.

(All emissions not reported below are too low against the prescribed limits.)

EUT : Radio Control M/N : JM912

Test Date : Apr. 29, 2009 Temperature : 25°C Humidity : 51%

For Frequency Range 30MHz~1000MHz:

The EUT select **worst position “stand”** and with following test modes were performed during this section testing and all the test results are listed in section 3.6.1.

Mode	Channel	Frequency	Test Mode	Position	Reference Test Data	
					Horizontal	Vertical
1.	02	2405.376MHz	Transmit	Stand	# 9	# 10
2.	38	2442.240MHz		Stand	# 12	# 11
3.	74	2479.104MHz		Stand	# 11	# 12
4.	38	2442.240MHz	Receive	Stand	# 10	# 9

* Above all final readings were measured with Quasi-Peak detector.

For Frequency above 1GHz:

The EUT select **worst position “stand”** and with the following test modes were measured within semi-anechoic chamber. All the graphical results are attached in Appendix I and all the final readings are listed in section 3.6.2.

Mode	Channel	Frequency	Test Mode	Position
1.	02	2405.376MHz	Transmit	Stand
2.	38	2442.240MHz		Stand
3.	74	2479.104MHz		Stand
4.	38	2442.240MHz	Receive	Stand

* Above all final readings were measured with Peak detector and Average detector.

For Restricted Bands:

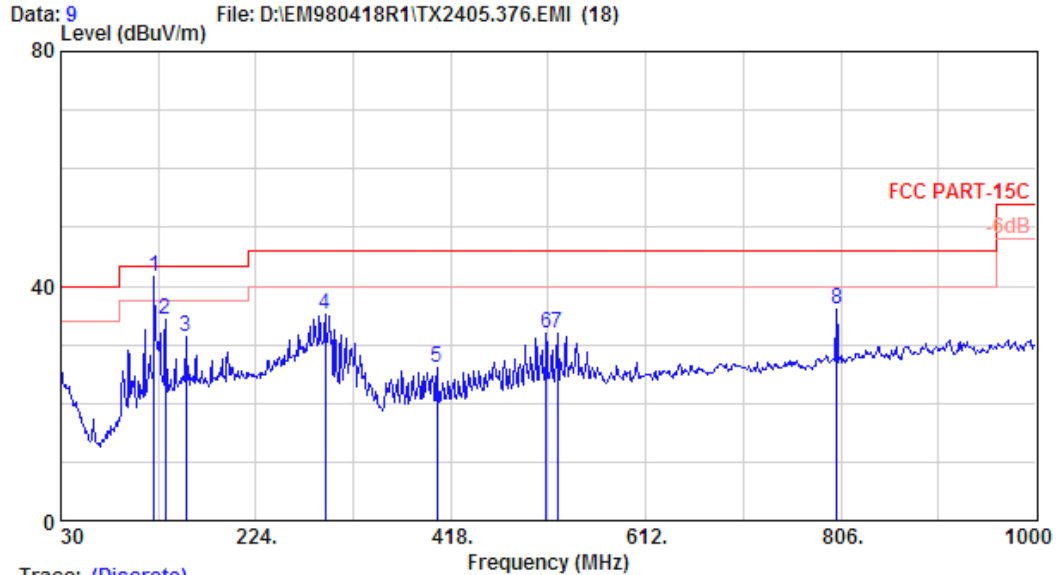
The EUT was tested in restricted bands and all the test results are listed in section 3.6.3. (The restricted bands defined in part 15.205(a))

Mode	Channel	Frequency	Test Mode	Reference Test Data	
				Horizontal	Vertical
1.	02	2405.376MHz	Transmit	# 2, #3	#1, #4
2.	74	2479.104MHz	Transmit	#8, #5	#7, #6

3.6.1. Frequency Range 30-1000MHz



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Trace: (Discrete)

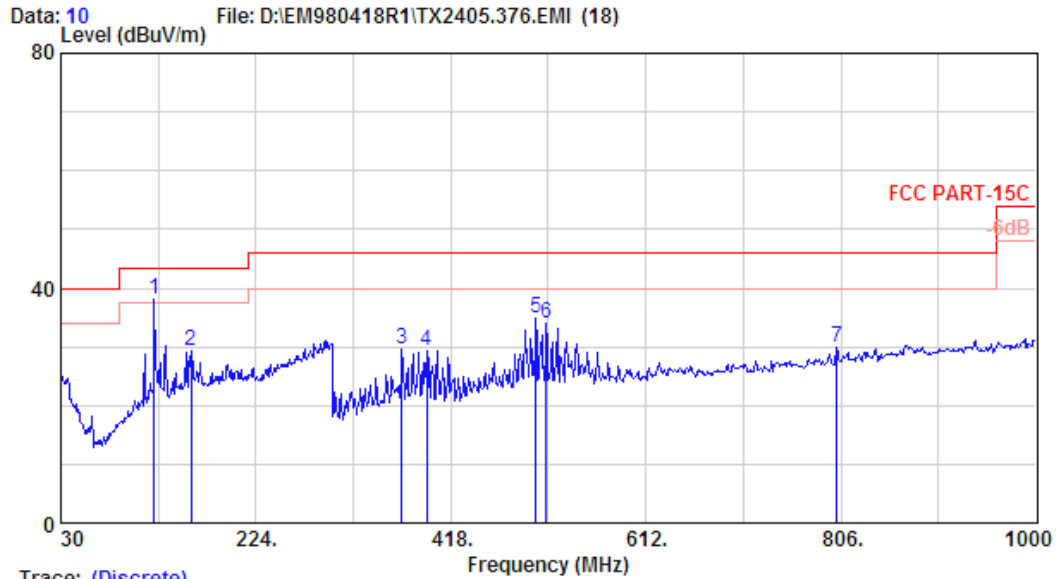
Site no. : A/C Chamber	Data no. : 9
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C	
Env. / Ins. : 8564EC 25*C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2405.376MHz	

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	123.120	19.27	2.30	20.03	41.60	43.50	1.90	
2	133.790	19.89	2.40	12.02	34.32	43.50	9.18	
3	154.160	20.71	2.60	8.05	31.36	43.50	12.14	
4	292.870	26.24	3.90	4.88	35.02	46.00	10.98	
5	404.420	17.47	4.90	3.75	26.12	46.00	19.88	
6	513.060	19.95	6.80	5.20	31.94	46.00	14.06	
7	523.730	19.76	6.90	5.18	31.84	46.00	14.16	
8	802.120	24.17	6.90	4.85	35.91	46.00	10.09	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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Trace: (Discrete)

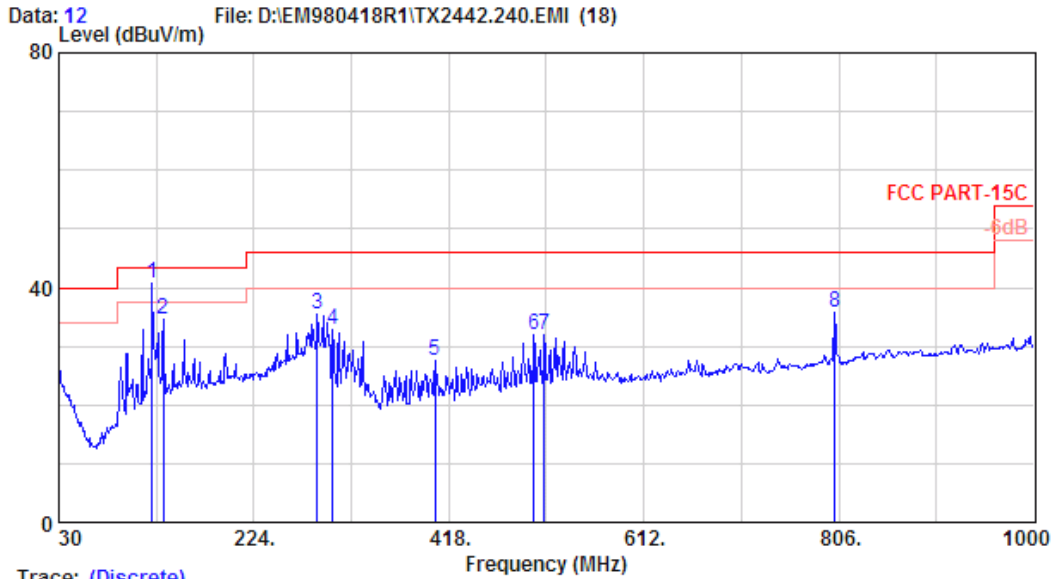
Site no. : A/C Chamber	Data no. : 10
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : VERTICAL
Limit : FCC PART-15C	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2405.376MHz	

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission		Limits (dBµV/m)	Margin (dB)	Remark
				Level (dBµV/m)				
1	123.120	19.27	2.30	16.64	38.21	43.50	5.29	
2	159.980	20.80	2.70	5.87	29.36	43.50	14.14	
3	369.500	16.93	4.60	8.19	29.72	46.00	16.28	
4	393.750	17.56	4.70	7.15	29.41	46.00	16.59	
5	502.390	19.00	6.60	9.41	35.01	46.00	10.99	
6	513.060	19.95	6.80	7.29	34.03	46.00	11.97	
7	802.120	24.17	6.90	-1.09	29.97	46.00	16.03	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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Trace: (Discrete)

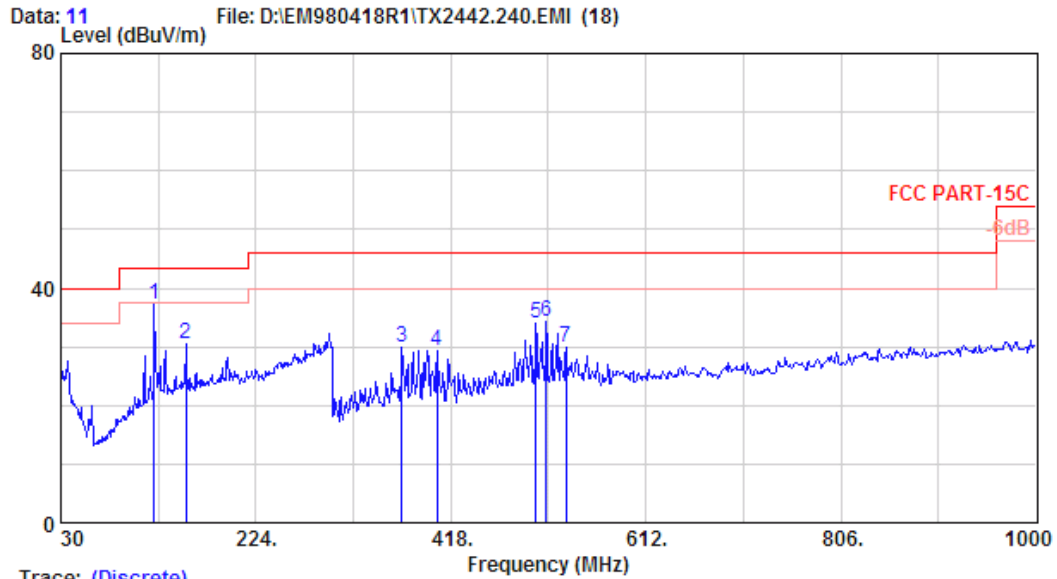
Site no.	: A/C Chamber	Data no.	: 12
Dis. / Ant.	: 3m VBA6106A/UHALP9108A	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C		
Env. / Ins.	: 8564EC 25°C/51%	Engineer	: Jarwei Wang
EUT	: Radio Control M/N:JM912		
Power Rating	: DC 9.6V		
Test Mode	: TX2442.240MHz		

	Ant. Factor	Cable Loss	Reading	Emission Level	Limits	Margin	Remark
Freq. (MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)	
1	123.120	19.27	2.30	19.19	40.76	43.50	2.74
2	133.790	19.89	2.40	12.32	34.62	43.50	8.88
3	287.050	25.69	3.80	5.98	35.47	46.00	10.53
4	302.570	14.73	3.90	14.27	32.91	46.00	13.09
5	404.420	17.47	4.90	5.17	27.54	46.00	18.46
6	502.390	19.00	6.60	6.44	32.04	46.00	13.96
7	513.060	19.95	6.80	5.29	32.03	46.00	13.97
8	802.120	24.17	6.90	4.66	35.72	46.00	10.28

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 11
Dis. / Ant.	: 3m VBA6106A/UHALP9108A	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C		
Env. / Ins.	: 8564EC 25°C/51%	Engineer	: Jarwei Wang
EUT	: Radio Control M/N:JM912		
Power Rating	: DC 9.6V		
Test Mode	: TX2442.240MHz		

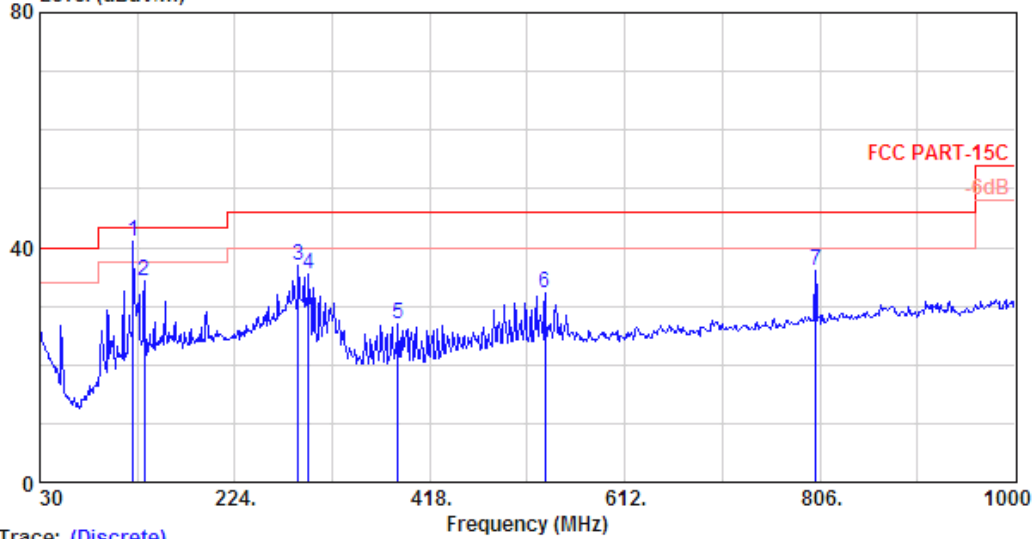
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission		Limits (dBµV/m)	Margin (dB)	Remark
				Level (dBµV/m)				
1	123.120	19.27	2.30	15.75	37.32	43.50	6.18	
2	154.160	20.71	2.60	7.29	30.60	43.50	12.90	
3	369.500	16.93	4.60	8.26	29.79	46.00	16.21	
4	404.420	17.47	4.90	6.99	29.36	46.00	16.64	
5	502.390	19.00	6.60	8.49	34.09	46.00	11.91	
6	513.060	19.95	6.80	7.44	34.18	46.00	11.82	
7	532.460	19.64	7.00	3.32	29.96	46.00	16.04	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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Data: 11 File: D:\EM980418R1\TX2479.104.EMI (18)
 Level (dBuV/m)



Trace: (Discrete)
 Site no. : A/C Chamber Data no. : 11
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 25°C/51% Engineer : Jarwei Wang
 EUT : Radio Control M/N:JM912
 Power Rating : DC 9.6V
 Test Mode : TX2479.104MHz

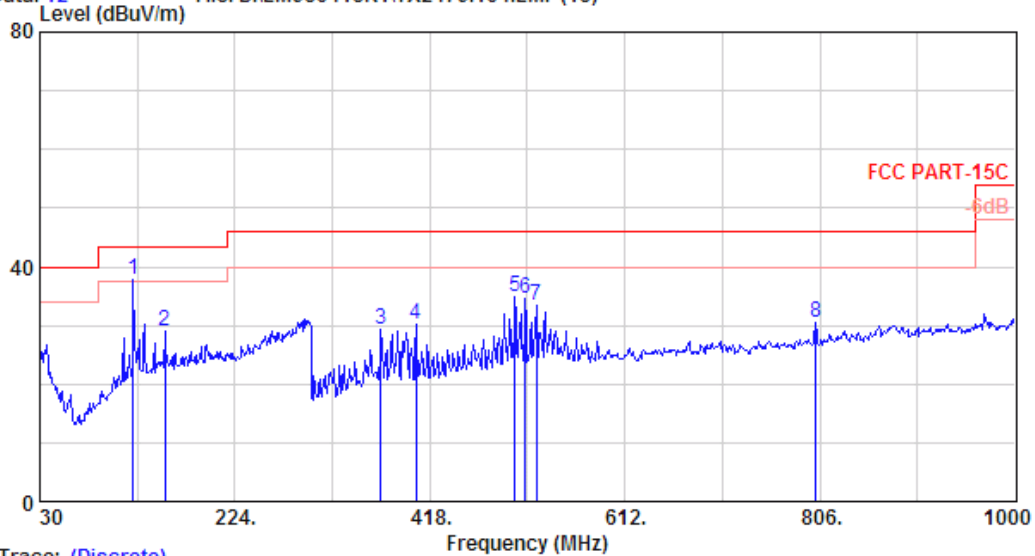
	Ant.	Cable	Emission					
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	123.120	19.27	2.30	19.32	40.89	43.50	2.61	
2	133.790	19.89	2.40	11.91	34.21	43.50	9.29	
3	287.050	25.69	3.80	7.32	36.81	46.00	9.19	
4	297.720	26.68	3.98	4.67	35.33	46.00	10.67	
5	385.990	17.41	4.70	4.96	27.08	46.00	18.92	
6	532.460	19.64	7.00	5.58	32.22	46.00	13.78	
7	802.120	24.17	6.90	5.12	36.18	46.00	9.82	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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Data: 12 File: D:\EM980418R1\TX2479.104.EMI (18)



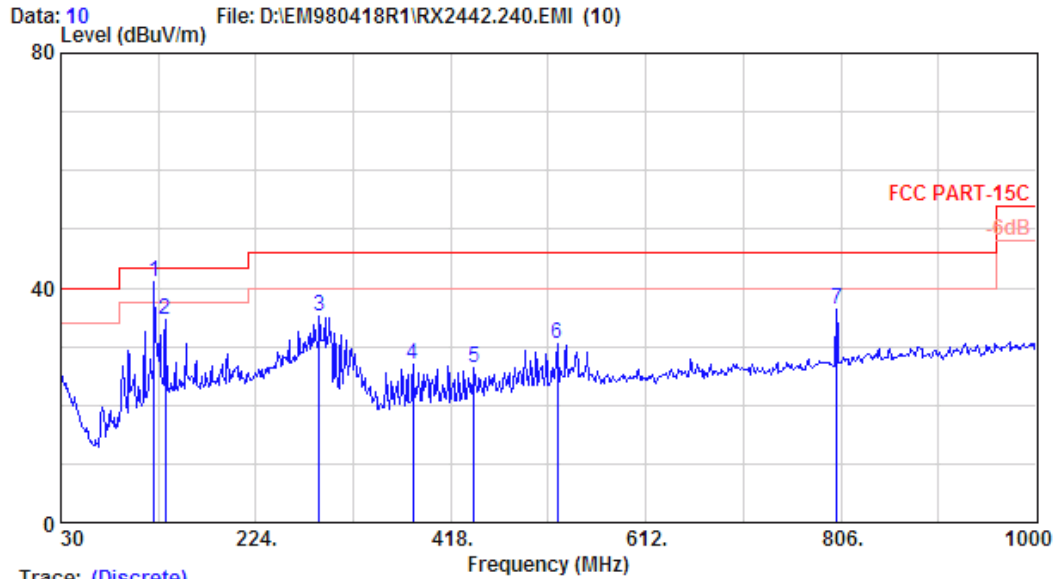
Trace: (Discrete)
 Site no. : A/C Chamber Data no. : 12
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 25*C/51% Engineer : Jarwei Wang
 EUT : Radio Control M/N:JM912
 Power Rating : DC 9.6V
 Test Mode : TX2479.104MHz

	Ant. Factor	Cable Loss	Reading	Emission Level	Limits	Margin	Remark
Freq. (MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)	
1	19.27	2.30	16.13	37.70	43.50	5.80	
2	20.71	2.60	5.80	29.11	43.50	14.39	
3	16.93	4.60	7.79	29.32	46.00	16.68	
4	17.47	4.90	7.96	30.33	46.00	15.67	
5	19.00	6.60	9.15	34.75	46.00	11.25	
6	19.95	6.80	7.86	34.60	46.00	11.40	
7	19.76	6.90	6.87	33.53	46.00	12.47	
8	24.17	6.90	-0.45	30.61	46.00	15.39	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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Trace: (Discrete)

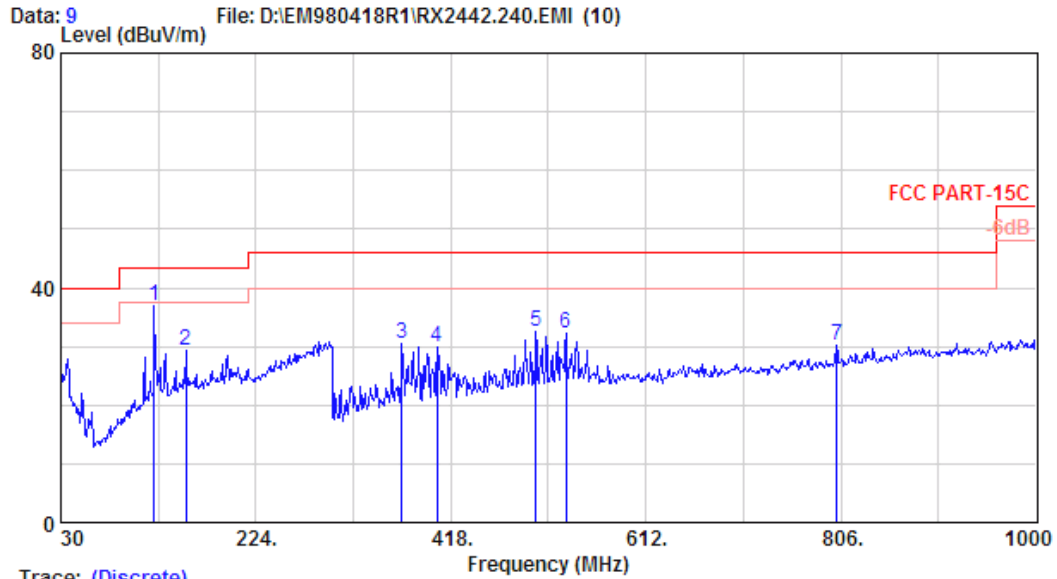
Site no. : A/C Chamber Data no. : 10
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 25*C/51% Engineer : Jarwei Wang
 EUT : Radio Control M/N:JM912
 Power Rating : DC 9.6V
 Test Mode : RX2442.240MHz

	Ant. Factor	Cable Loss	Reading	Emission Level	Limits	Margin	Remark
Freq. (MHz)	(dB/m)	(dB)	(dBμV)	(dBμV/m)	(dBμV/m)	(dB)	
1	123.120	19.27	2.30	19.51	41.08	43.50	2.42
2	133.790	19.89	2.40	12.37	34.67	43.50	8.83
3	287.050	25.69	3.80	5.60	35.09	46.00	10.91
4	380.170	17.25	4.60	5.04	26.89	46.00	19.11
5	441.280	17.63	5.30	3.55	26.49	46.00	19.51
6	523.730	19.76	6.90	3.70	30.36	46.00	15.64
7	802.120	24.17	6.90	5.23	36.29	46.00	9.71

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 9
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : VERTICAL
Limit : FCC PART-15C	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : RX2442.240MHz	

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 123.120	19.27	2.30	15.33	36.90	43.50	6.60	
2 154.160	20.71	2.60	6.06	29.37	43.50	14.13	
3 369.500	16.93	4.60	8.80	30.33	46.00	15.67	
4 404.420	17.47	4.90	7.47	29.84	46.00	16.16	
5 502.390	19.00	6.60	7.04	32.64	46.00	13.36	
6 532.460	19.64	7.00	5.60	32.24	46.00	13.76	
7 802.120	24.17	6.90	-1.00	30.06	46.00	15.94	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

3.6.2. Above 1GHz Frequency Range Measurement Results

Date of Test : Apr. 29, 2009 Temperature : 25°C

EUT : Radio Control Humidity : 51%

Test Mode : Transmit, Channel: 02 (Frequency: 2405.376MHz), Position: Stand

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak	1603.120	25.95	3.65	13.03	42.63	74.00	31.37
	2266.720	28.36	4.99	7.05	40.40	74.00	33.60
	2543.920	28.99	5.30	8.15	42.44	74.00	31.56
	2619.520	29.311	5.38	7.79	42.48	74.00	31.52
	3206.680	31.19	6.34	9.47	47.00	74.00	27.00
	4808.500	33.61	7.96	7.22	48.79	74.00	25.21
Average	1603.120	25.95	3.65	5.00	34.60	54.00	19.40
	2266.720	28.36	4.99	0.28	33.63	54.00	20.37
	2543.920	28.99	5.30	1.53	35.82	54.00	18.18
	2619.520	29.31	5.38	0.48	35.17	54.00	18.83
	3206.680	31.19	6.34	0.76	38.29	54.00	15.71
	4808.500	33.61	7.96	-1.99	39.58	54.00	14.42

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak	1608.160	25.98	3.67	12.38	42.03	74.00	31.97
	2249.920	28.33	5.00	7.12	40.45	74.00	33.55
	2543.920	28.99	5.30	9.63	43.92	74.00	30.08
	2594.320	29.21	5.36	7.90	42.47	74.00	31.53
	3204.040	31.19	6.34	11.65	49.18	74.00	24.82
	4808.500	33.61	7.96	10.74	52.31	74.00	21.69
Average	1608.160	25.98	3.67	4.65	34.30	54.00	19.70
	2249.920	28.33	5.00	-0.87	32.46	54.00	21.54
	2543.920	28.99	5.30	1.29	35.58	54.00	18.42
	2594.320	29.21	5.36	0.39	34.96	54.00	19.04
	3204.040	31.19	6.34	3.31	40.84	54.00	13.16
	4808.500	33.61	7.96	1.99	43.56	54.00	10.44

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Apr. 29, 2009 Temperature : 25°C

EUT : Radio Control Humidity : 51%

Test Mode : Transmit, Channel: 38 (Frequency: 2442.240MHz), Position: Stand

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak	1628.320	26.10	3.69	6.61	36.40	74.00	37.60
	2238.160	28.31	5.02	6.00	39.33	74.00	34.67
	2658.160	29.47	5.45	4.85	39.77	74.00	34.23
	3256.840	31.29	6.21	9.01	46.51	74.00	27.49
	4883.500	33.82	8.35	11.13	53.30	74.00	20.70
Average	1628.320	26.10	3.69	-0.15	29.64	54.00	24.36
	2238.160	28.31	5.02	-0.84	32.49	54.00	21.51
	2658.160	29.47	5.45	-3.23	31.69	54.00	22.31
	3256.840	31.29	6.21	1.45	38.95	54.00	15.05
	4883.500	33.82	8.35	3.51	45.68	54.00	8.32

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak	1628.320	26.10	3.69	12.30	42.09	74.00	31.91
	2263.360	28.36	5.00	7.20	40.56	74.00	33.44
	2658.160	29.47	5.45	6.01	40.93	74.00	33.07
	3252.880	31.28	6.21	11.97	49.46	74.00	24.54
	4880.500	33.78	8.35	10.36	52.49	74.00	21.51
Average	1628.320	26.10	3.69	0.50	30.29	54.00	23.71
	2263.360	28.36	5.00	0.81	34.17	54.00	19.83
	2658.160	29.47	5.45	-0.30	34.62	54.00	19.38
	3252.880	31.28	6.21	5.00	42.49	54.00	11.51
	4880.500	33.78	8.35	1.36	43.49	54.00	10.51

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Apr. 29, 2009 Temperature : 25°C
 EUT : Radio Control Humidity : 51%
 Test Mode : Transmit, Channel: 74 (Frequency: 2479.104MHz), Position: Stand

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak	1653.520	26.22	3.71	9.42	39.35	74.00	34.65
	2275.120	28.37	4.99	6.09	39.45	74.00	34.55
	3305.680	31.38	6.08	10.46	47.92	74.00	26.08
	4130.500	32.87	7.49	8.10	48.46	74.00	25.54
	4955.500	33.99	8.84	11.59	54.42	74.00	19.58
Average	1653.520	26.22	3.71	1.88	31.81	54.00	22.19
	2275.120	28.37	4.99	-1.89	31.47	54.00	22.53
	3305.680	31.38	6.08	2.13	39.59	54.00	14.41
	4130.500	32.87	7.49	0.12	40.48	54.00	13.52
	4955.500	33.99	8.84	3.44	46.27	54.00	7.73

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak	1653.520	26.22	3.71	14.05	43.98	74.00	30.02
	2275.120	28.37	4.99	8.00	41.36	74.00	32.64
	2666.560	29.50	5.45	5.62	40.57	74.00	33.43
	3303.040	31.36	6.12	12.49	49.97	74.00	24.03
	4130.500	32.87	7.49	4.13	44.49	74.00	29.51
	4955.500	33.99	8.84	9.97	52.80	74.00	21.20
Average	1653.520	26.22	3.71	5.36	35.29	54.00	18.71
	2275.120	28.37	4.99	-0.08	33.28	54.00	20.72
	2666.560	29.50	5.45	-2.20	32.75	54.00	21.25
	3303.040	31.36	6.12	3.98	41.46	54.00	12.54
	4130.500	32.87	7.49	-4.08	36.28	54.00	17.72
	4955.500	33.99	8.84	1.44	44.27	54.00	9.73

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Apr. 29, 2009 Temperature : 25°C

EUT : Radio Control Humidity : 51%

Test Mode : Receive, Channel: 38 (Frequency: 2442.240MHz), Position: Stand

Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report. The graphical results are attached in Appendix I.

3.6.3. Restricted Bands Measurement Results

Date of Test : Apr. 29, 2009 Temperature : 25°C

EUT : Radio Control Humidity : 51%

Test Mode : Transmit, Channel: 02, Frequency: 2405.376MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak *	2386.670	28.59	5.22	8.73	42.54	74.00	31.46
Average *	2386.670	28.59	5.22	-0.26	33.55	54.00	20.45

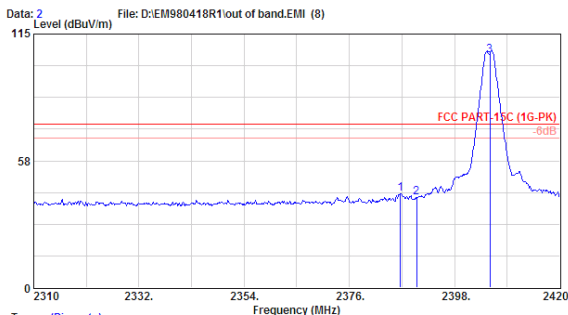
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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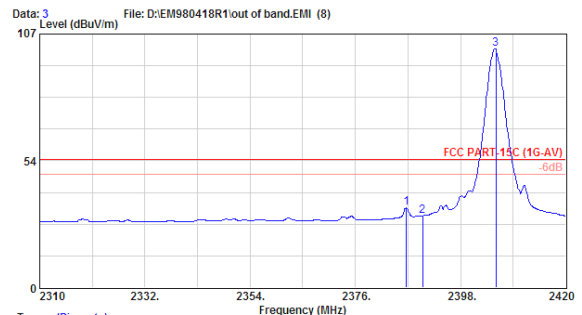
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 Email:ttemc@ttemc.com.tw



Trace: (Discrete)
 Site no. : A/C Chamber Data no. : 2
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564EC 25°C/51% Engineer : Jarwei Wang
 EUT : Radio Control M/N:JM912
 Power Rating : DC 9.6V
 Test Mode : TX2405.376MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2386.670	28.59	5.22	8.73	42.54	74.00	31.46	Peak
2 2390.080	28.59	5.22	6.90	40.71	74.00	33.29	Peak
3 2405.370	28.63	5.22	71.65	105.50	74.00	-31.50	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Trace: (Discrete)
 Site no. : A/C Chamber Data no. : 3
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 25°C/51% Engineer : Jarwei Wang
 EUT : Radio Control M/N:JM912
 Power Rating : DC 9.6V
 Test Mode : TX2405.376MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2386.670	28.59	5.22	-0.26	33.55	54.00	20.45	Average
2 2390.080	28.59	5.22	-3.46	30.35	54.00	23.65	Average
3 2405.370	28.63	5.22	66.77	100.62	54.00	-46.62	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Apr. 29, 2009 Temperature : 25°C
 EUT : Radio Control Humidity : 51%
 Test Mode : Transmit, Channel: 02, Frequency: 2405.376MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak *	2386.890	28.59	5.22	12.86	46.67	74.00	27.33
Average *	2386.670	28.59	5.22	1.36	35.17	54.00	18.83

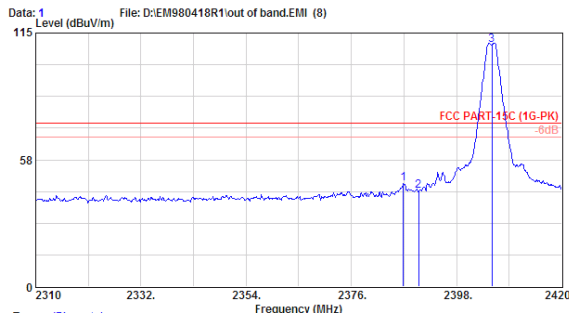
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).
 3. ‘*’ The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



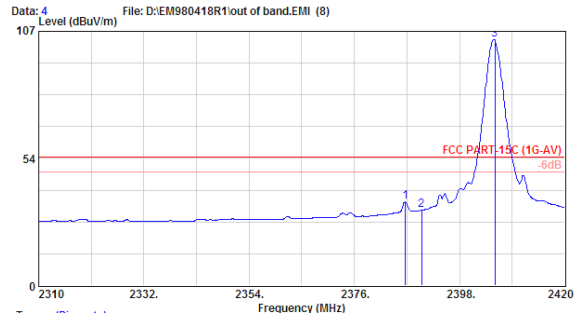
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Site no. : A/C Chamber Data no. : 1
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564EC 25°C/51% Engineer : Jarwei Wang
 EUT : Radio Control M/N:JM912
 Power Rating : DC 9.6V
 Test Mode : TX2405.376MHz



Site no. : A/C Chamber Data no. : 4
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 25°C/51% Engineer : Jarwei Wang
 EUT : Radio Control M/N:JM912
 Power Rating : DC 9.6V
 Test Mode : TX2405.376MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2386.890	28.59	5.22	12.86	46.67	74.00	27.33	Peak
2	2390.080	28.59	5.22	9.39	43.20	74.00	30.80	Peak
3	2405.370	28.63	5.22	75.63	109.48	74.00	-35.48	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2386.670	28.59	5.22	1.36	35.17	54.00	18.83	Average
2	2390.080	28.59	5.22	-2.06	31.75	54.00	22.25	Average
3	2405.370	28.63	5.22	69.61	103.46	54.00	-49.46	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Apr. 29, 2009 Temperature : 25°C

EUT : Radio Control Humidity : 51%

Test Mode : Transmit, Channel: 74, Frequency: 2479.104MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak *	2485.200	28.77	5.23	20.23	54.23	74.00	19.77
Average *	2485.200	28.77	5.23	10.77	44.77	54.00	9.23

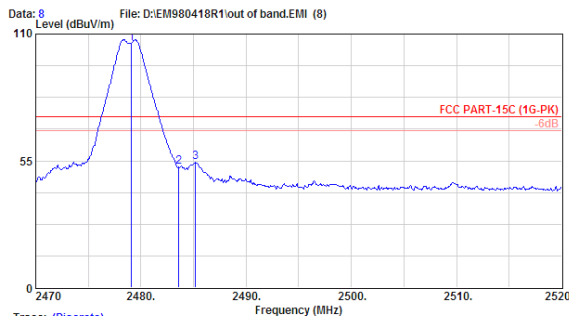
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. High frequency section (spurious in the restricted band 2483.5-2500MHz).
 3. ‘*’ The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



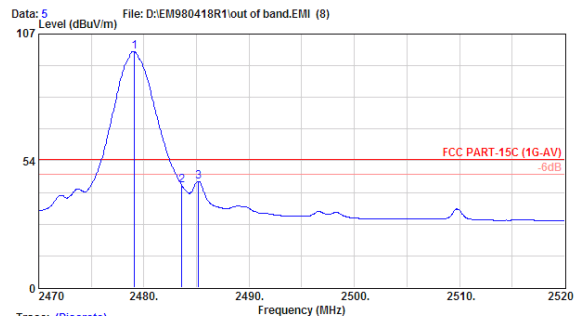
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Site no. : A/C Chamber Data no. : 8
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564EC 25°C/51% Engineer : Jarwei Wang
 EUT : Radio Control M/N:JM912
 Power Rating : DC 9.6V
 Test Mode : TX2479.104MHz



Site no. : A/C Chamber Data no. : 5
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 25°C/51% Engineer : Jarwei Wang
 EUT : Radio Control M/N:JM912
 Power Rating : DC 9.6V
 Test Mode : TX2479.104MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2479.100	28.76	5.23	71.84	105.83	74.00	-31.83	Peak
2	2483.600	28.77	5.23	18.26	52.26	74.00	21.74	Peak
3	2485.200	28.77	5.23	20.23	54.23	74.00	19.77	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2479.100	28.76	5.23	65.60	99.59	54.00	-45.59	Average
2	2483.600	28.77	5.23	9.26	43.26	54.00	10.74	Average
3	2485.200	28.77	5.23	10.77	44.77	54.00	9.23	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Apr. 29, 2009 Temperature : 25°C

EUT : Radio Control Humidity : 51%

Test Mode : Transmit, Channel: 74, Frequency: 2479.104MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak *	2484.950	28.77	5.23	22.01	56.01	74.00	17.99
Average *	2485.200	28.77	5.23	10.77	44.77	54.00	9.23

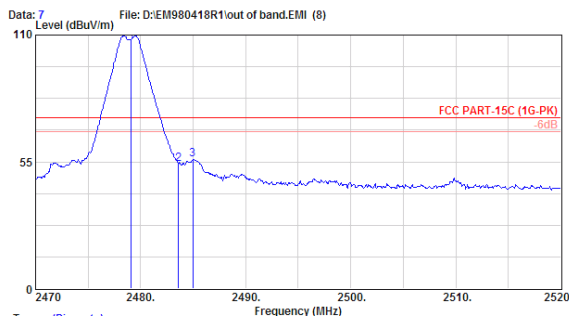
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. High frequency section (spurious in the restricted band 2483.5-2500MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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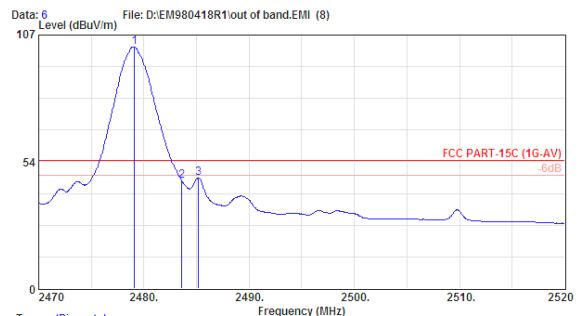
AUDIX TECHNOLOGY Corp. EMC Laboratory
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Trace: (Discrete) File: D:\EM980418R1\out of band.EMI (8)
 Site no. : A/C Chamber Data no. : 7
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564EC 25°C/51% Engineer : Jarwei Wang
 EUT : Radio Control M/N:JM912
 Power Rating : DC 9.6V
 Test Mode : TX2479.104MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2479.100	28.76	5.23	73.99	107.98	74.00	-33.98	Peak
2 2483.600	28.77	5.23	19.99	53.99	74.00	20.01	Peak
3 2484.950	28.77	5.23	22.01	56.01	74.00	17.99	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Trace: (Discrete) File: D:\EM980418R1\out of band.EMI (8)
 Site no. : A/C Chamber Data no. : 6
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 25°C/51% Engineer : Jarwei Wang
 EUT : Radio Control M/N:JM912
 Power Rating : DC 9.6V
 Test Mode : TX2479.104MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2479.100	28.76	5.23	68.03	102.02	54.00	-48.02	Average
2 2483.600	28.77	5.23	11.62	45.62	54.00	8.38	Average
3 2485.200	28.77	5.23	12.59	46.59	54.00	7.41	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

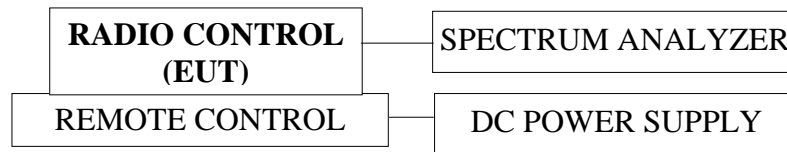
4. 6dB BANDWIDTH MEASUREMENT

4.1. Test Equipment

The following test equipment was used during the Emission Bandwidth measurement:

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	Aug. 07, 08'	Aug. 06, 09'

4.2. Block Diagram of Test Setup



4.3. Specification Limits (§15.247(a)(2))

The minimum 6dB bandwidth shall be at least 500kHz.

4.4. Operating Condition of EUT

The test program “Futaba Term” was used to enable the EUT to transmit data at different channel frequency individually.

4.5. Test Procedure

The transmitter output was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measure by spectrum analyzer with 100kHz RBW and 100kHz VBW. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

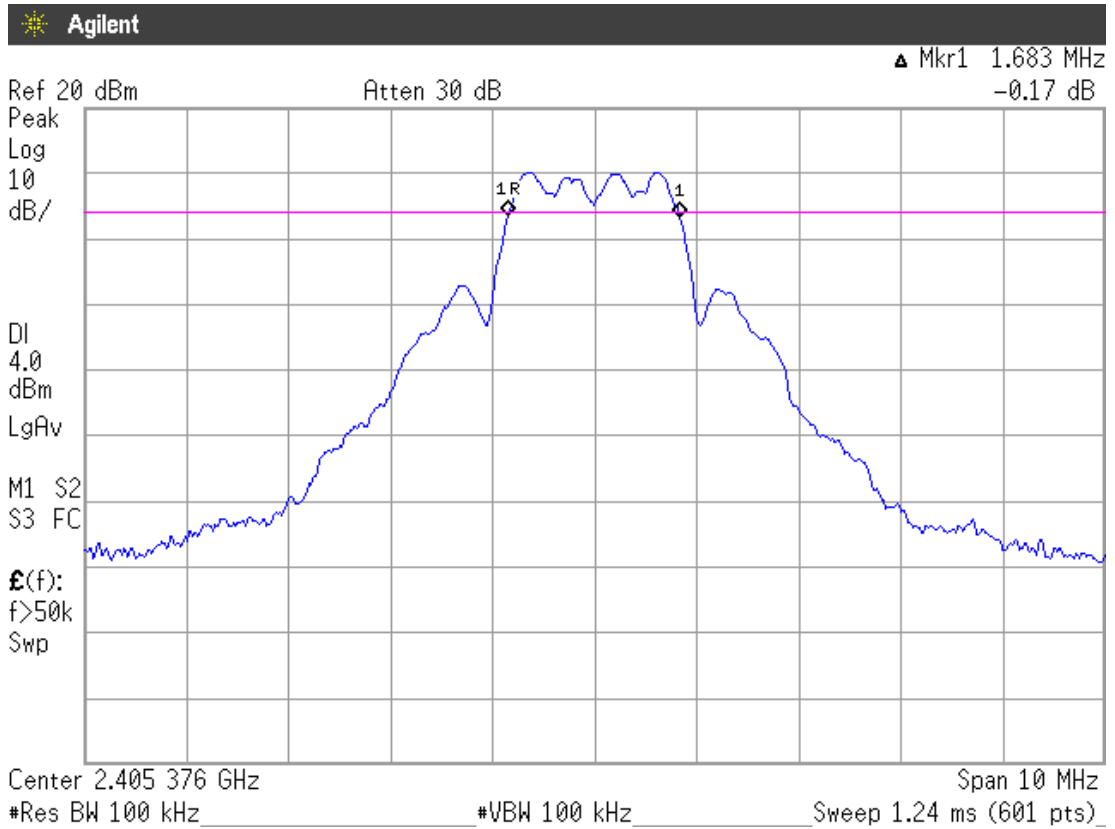
4.6. Test Results

PASSED. All the test results are attached in next pages.

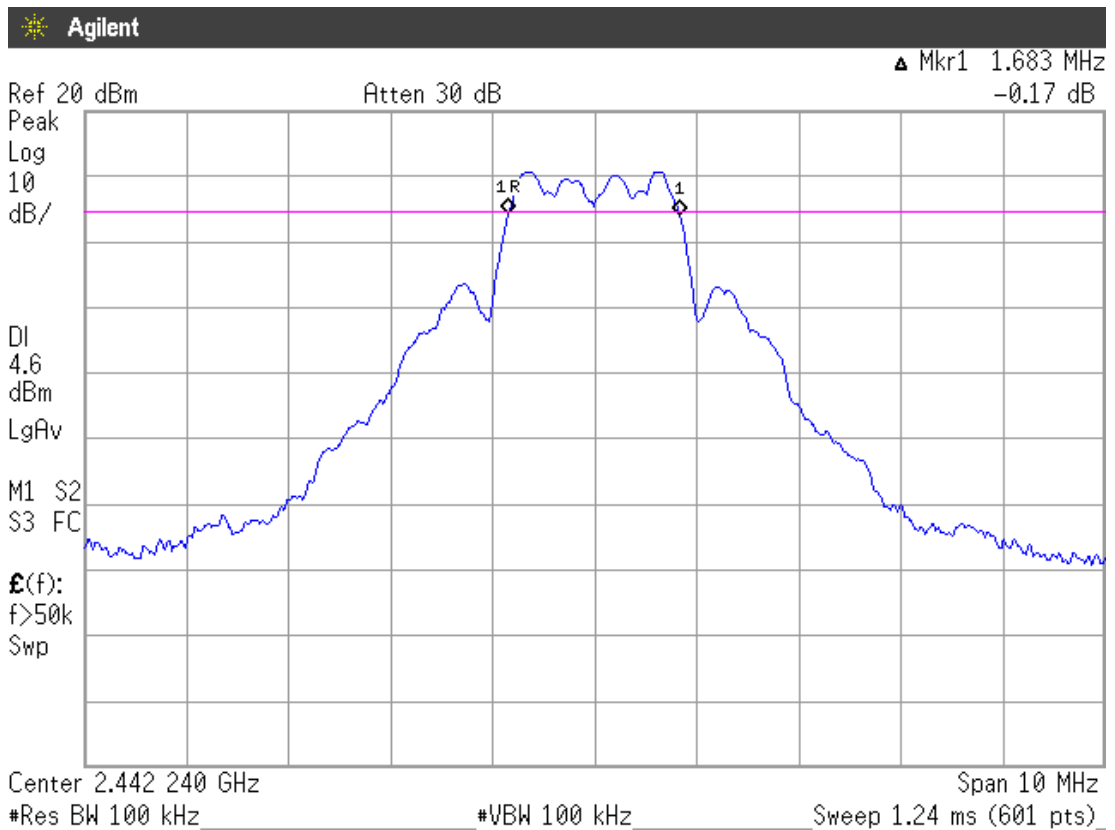
(Test Date : Apr. 29, 2009 Temperature : 26°C Humidity : 50 %)

Channel	Frequency	6dB Bandwidth
0	2405.376MHz	1.683MHz
38	2442.240MHz	1.683MHz
74	2479.104MHz	1.683MHz

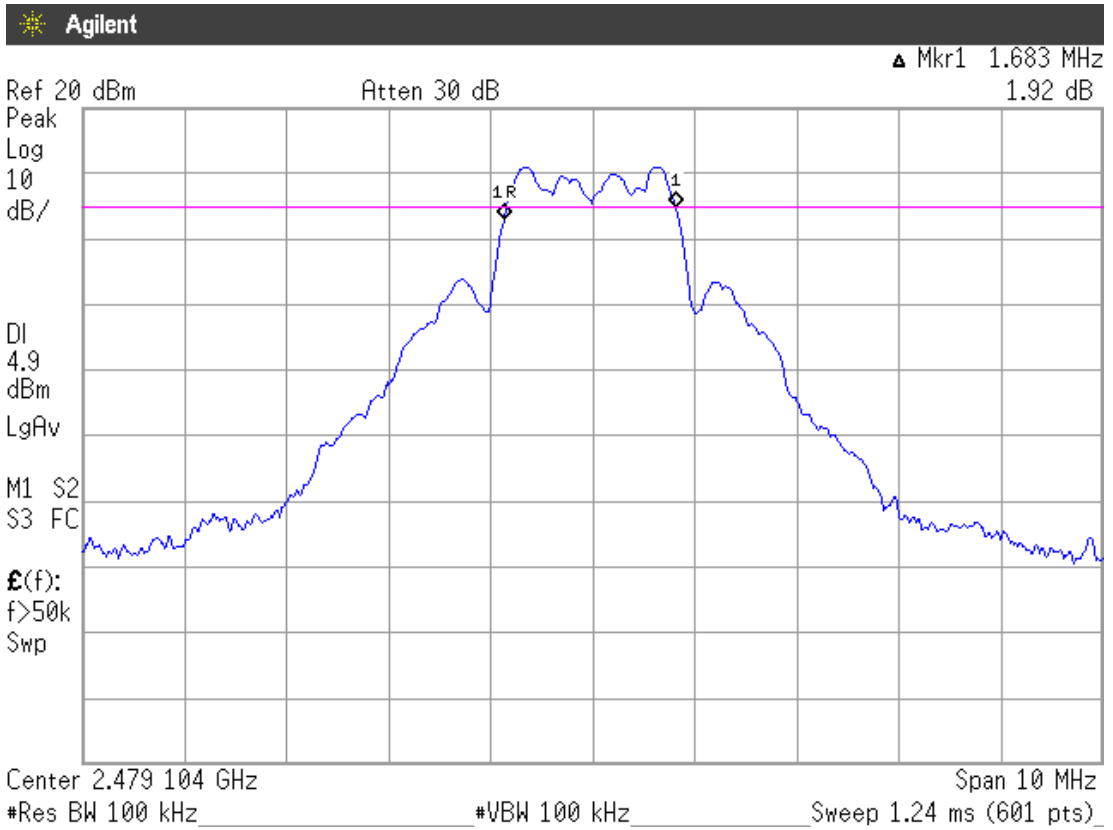
Frequency: 2405.376MHz



Frequency: 2442.240MHz



Frequency: 2479.104MHz



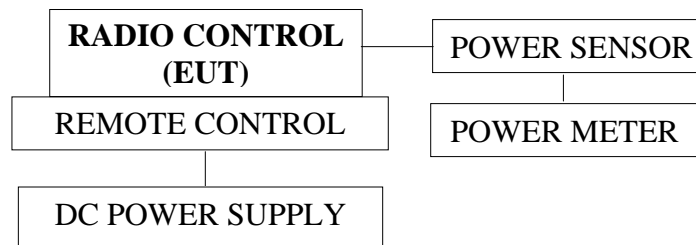
5. MAXIMUM PEAK OUTPUT POWER MEASUREMENT

5.1. Test Equipment

The following test equipment was used during the maximum peak output power measurement:

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Power Meter	Anritsu	ML2487A	6K00005406	Feb. 19, 09'	Feb. 18, 10'
2.	Power Sensor	Anritsu	MA2491A	030873	Feb. 19, 09'	Feb. 18, 10'

5.2. Block Diagram of Test Setup



5.3. Specification Limits (§15.247(b)-(3))

The Limits of maximum Peak Output Power for digital modulation in 2400-2483.5MHz is : 1Watt. (30dBm)

5.4. Operating Condition of EUT

The test program “Futaba Term” was used to enable the EUT to transmit data at different channel frequency individually.

5.5. Test Procedure

The transmitter output was connected to the power meter that was designed to detect peak value automatically.

5.6. Test Results

PASSED. All the test results are listed below.

(Test Date : Apr. 29, 2009 Temperature : 26°C Humidity : 50 %)

Channel	Frequency	Peak Output Power	Limit
02	2405.376MHz	15.73dBm	30dBm
38	2442.240MHz	16.32dBm	30dBm
74	2479.104MHz	16.48dBm	30dBm

6. EMISSION LIMITATIONS MEASUREMENT

6.1. Test Equipment

The following test equipment was used during the emission limitations test :

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	Aug. 07, 08'	Aug. 06, 09'

6.2. Block Diagram of Test Setup

The same as section.4.2.

6.3. Specification Limits (§15.247(c))

In any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (See Section 15.205(c)).(※
This test result attaching to §3.6.3)

6.4. Operating Condition of EUT

The test program “Futaba Term” was used to enable the EUT to transmit data at different channel frequency individually.

6.5. Test Procedure

The transmitter output was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measure by spectrum analyzer with 100kHz RBW and 100kHz VBW.

6.6. Test Results

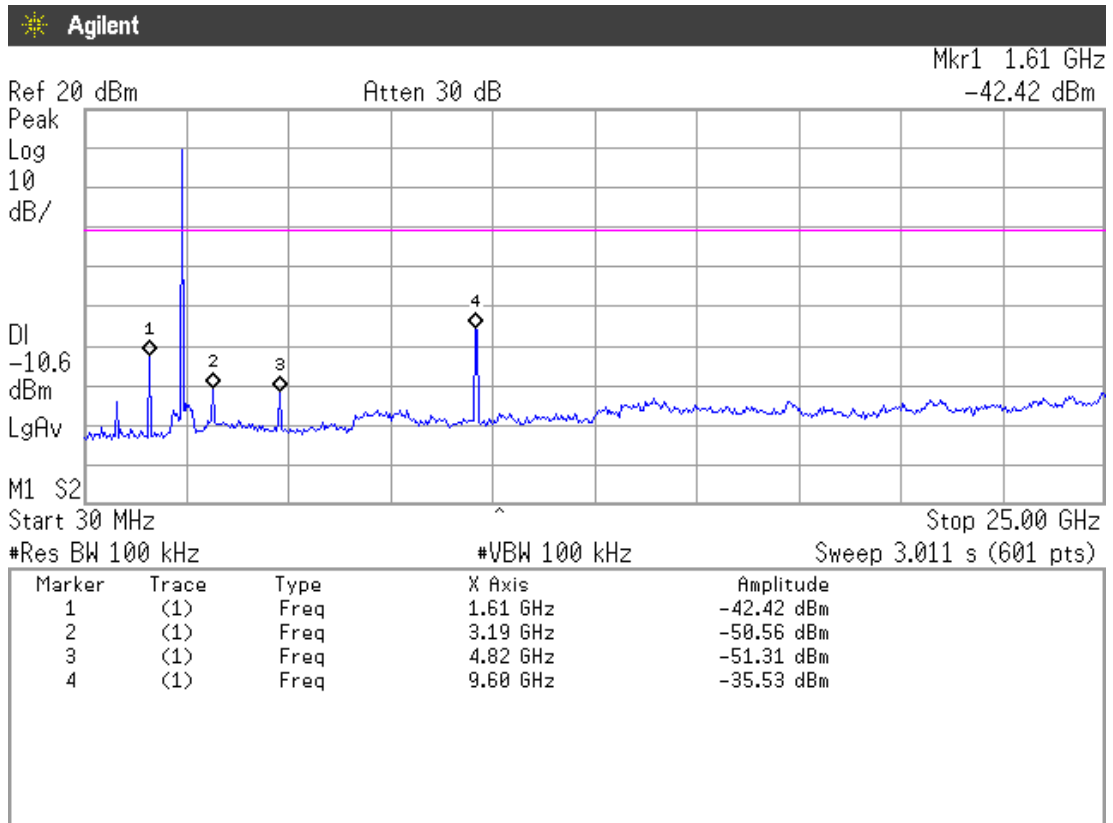
PASSED. The testing data was attached in the next pages.

(Test Date : Apr. 29, 2009 Temperature : 26°C Humidity : 50 %)

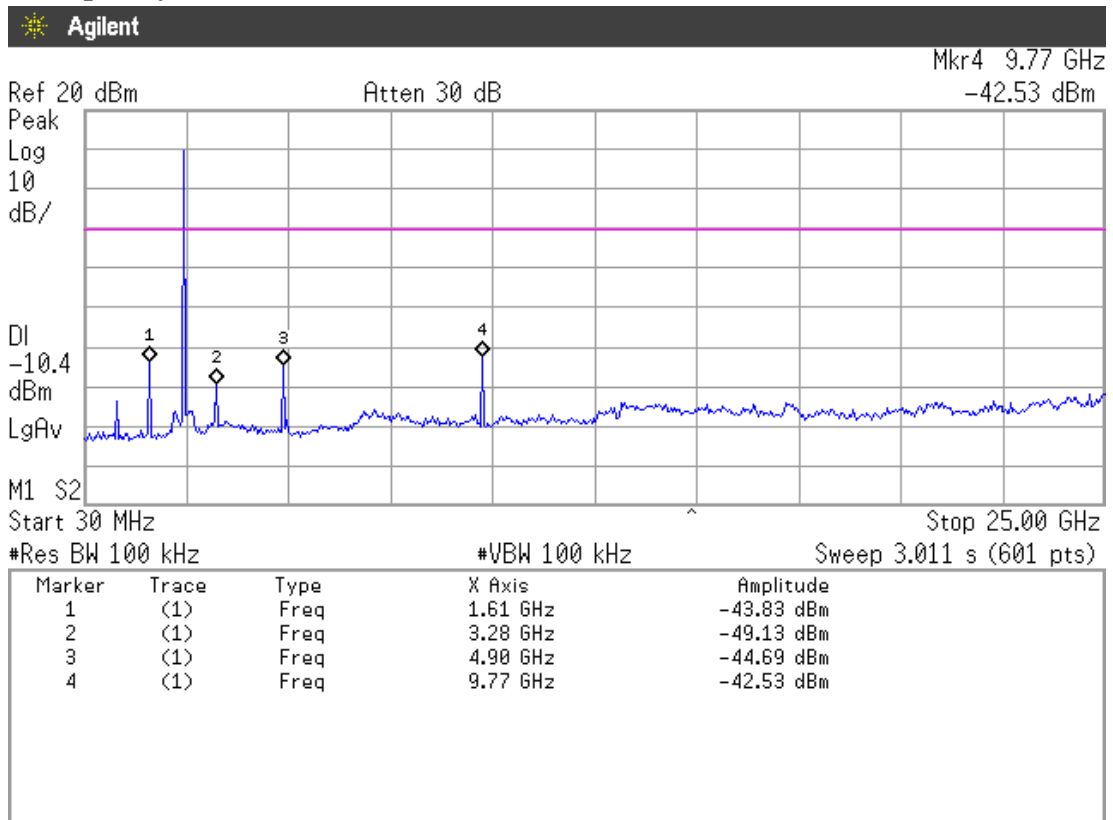
1. 2405.376MHz: During 30MHz~25GHz bandwidth. In the 9.60GHz, the -35.53dBm is max value that is lower than 20dB of primary channel.
2. 2442.240MHz: During 30MHz~25GHz bandwidth. In the 9.77GHz, the -42.53dBm is max value that is lower than 20dB of primary channel.
3. 2479.104MHz: During 30MHz~25GHz bandwidth. In the 1.65GHz, the -41.76dBm is max value that is lower than 20dB of primary channel.

Note: The peak above the limit line is the carrier frequency.

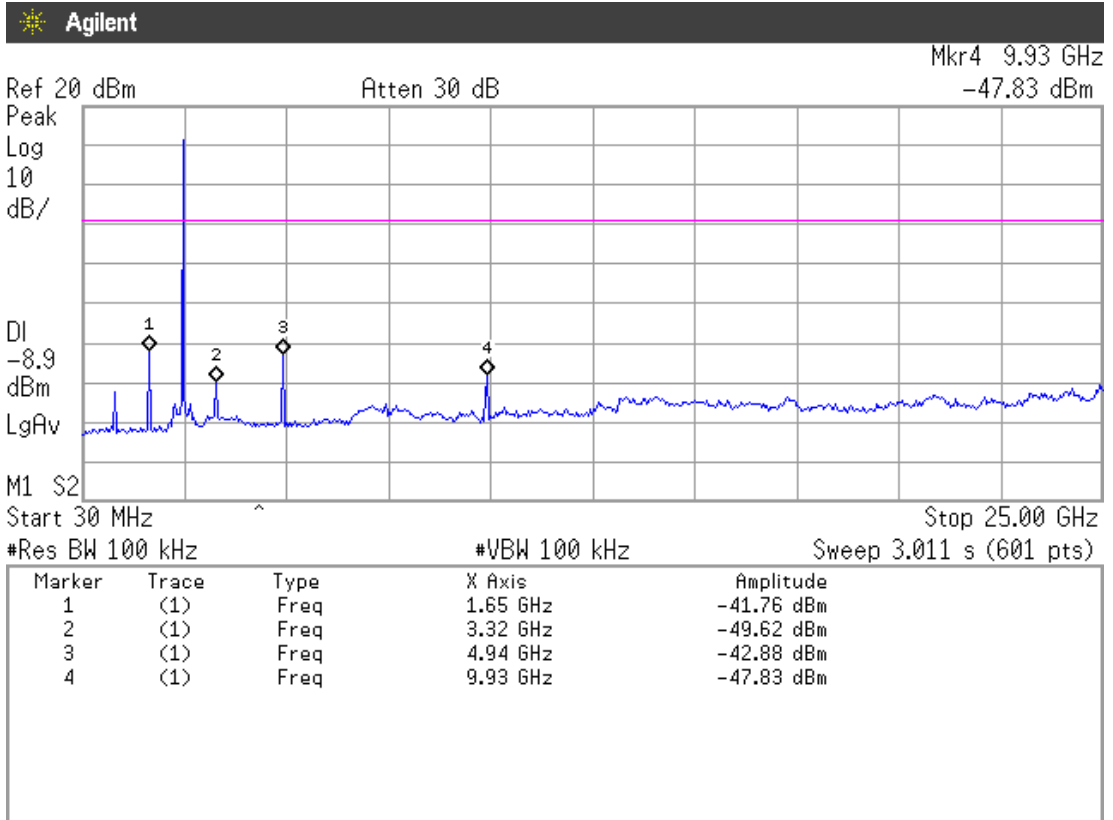
Frequency: 2405.376MHz



Frequency: 2442.240MHz



Frequency: 24797.104MHz



7. BAND EDGES MEASUREMENT

7.1. Test Equipment

The following test equipment was used during the band edges measurement:

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	Aug. 07, 08'	Aug. 06, 09'

7.2. Block Diagram of Test Setup

The same as section.4.2.

7.3. Specification Limits (§15.247(c))

The highest level should be at least 20 dB below that in the 100kHz bandwidth.

7.4. Operating Condition of EUT

The test program “Futaba Term” was used to enable the EUT to transmit data at different channel frequency individually.

7.5. Test Procedure

The transmitter output was connected to the spectrum analyzer. Set both RBW and VBW of spectrum analyzer to 100kHz with suitable frequency span including 100kHz bandwidth from band edge.

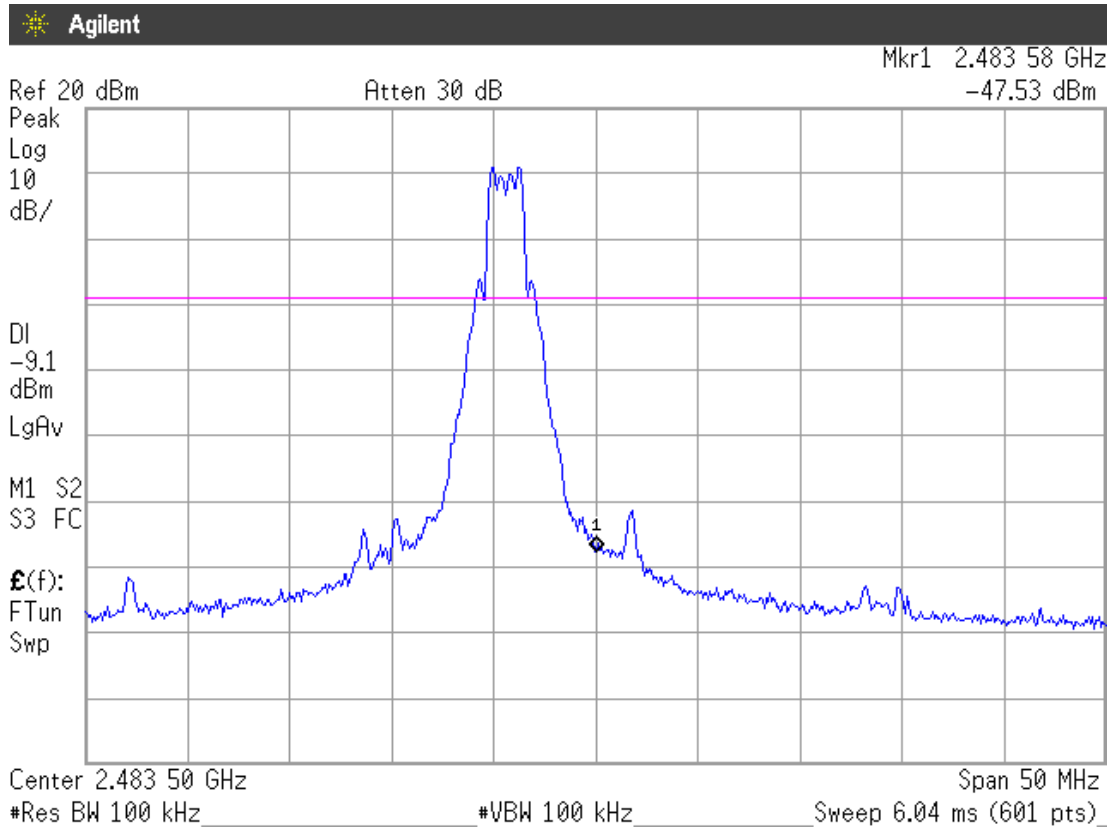
7.6. Test Results

PASSED. All the test results are attached in next pages.

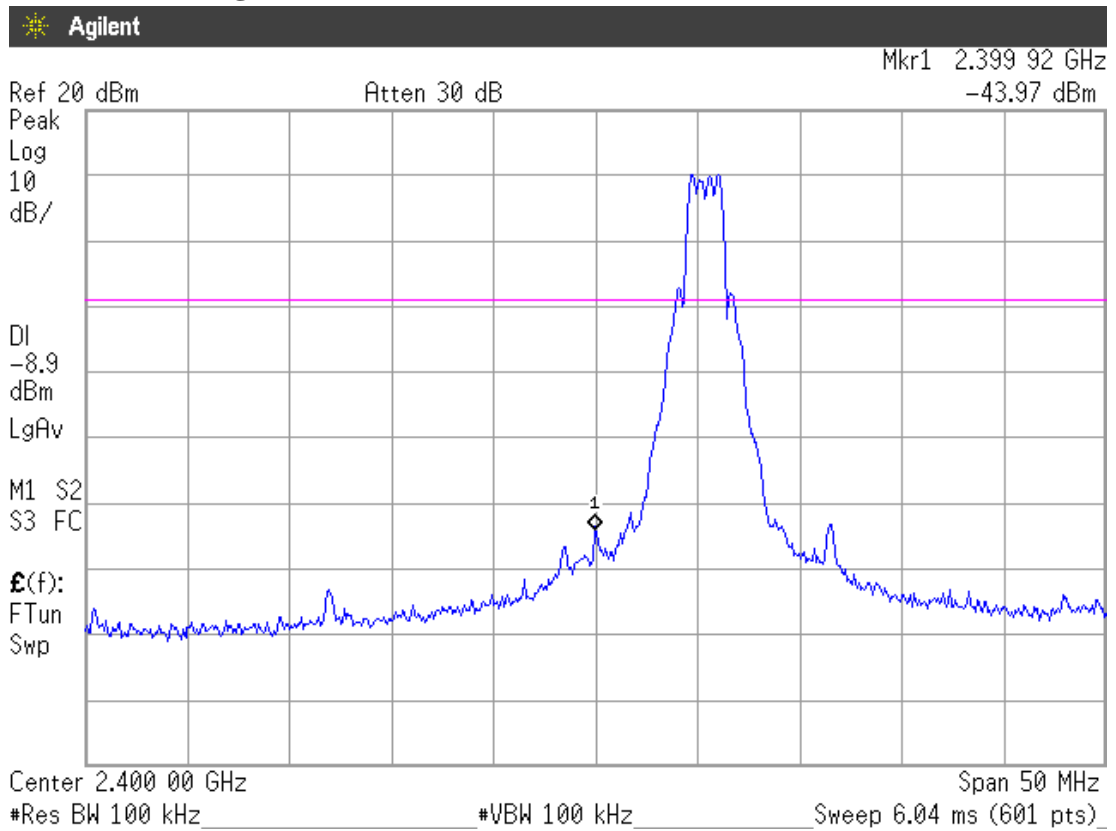
(Test Date : Apr. 29, 2009 Temperature : 26°C Humidity : 50 %)

1. Upper Band edge: The highest emission level is -47.53dBm on 2.48358GHz ◦
2. Below Band edge : The highest emission level is -43.97dBm on 2.39992GHz ◦

Upper Band edge



Below Band edge



8. POWER SPECTRAL DENSITY MEASUREMENT

8.1. Test Equipment

The following test equipment was used during the power spectral density measurement:

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	Aug. 07, 08'	Aug. 06, 09'

8.2. Block Diagram of Test Setup

The same as section.4.2.

8.3. Specification Limits (§15.247(d))

The peak power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band.

8.4. Operating Condition of EUT

The test program “Futaba Term” was used to enable the EUT to transmit data at different channel frequency individually.

8.5. Test Procedure

The transmitter output was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measured with the spectrum analyzer using 3kHz RBW and 30kHz VBW, set sweep time = span/3kHz.

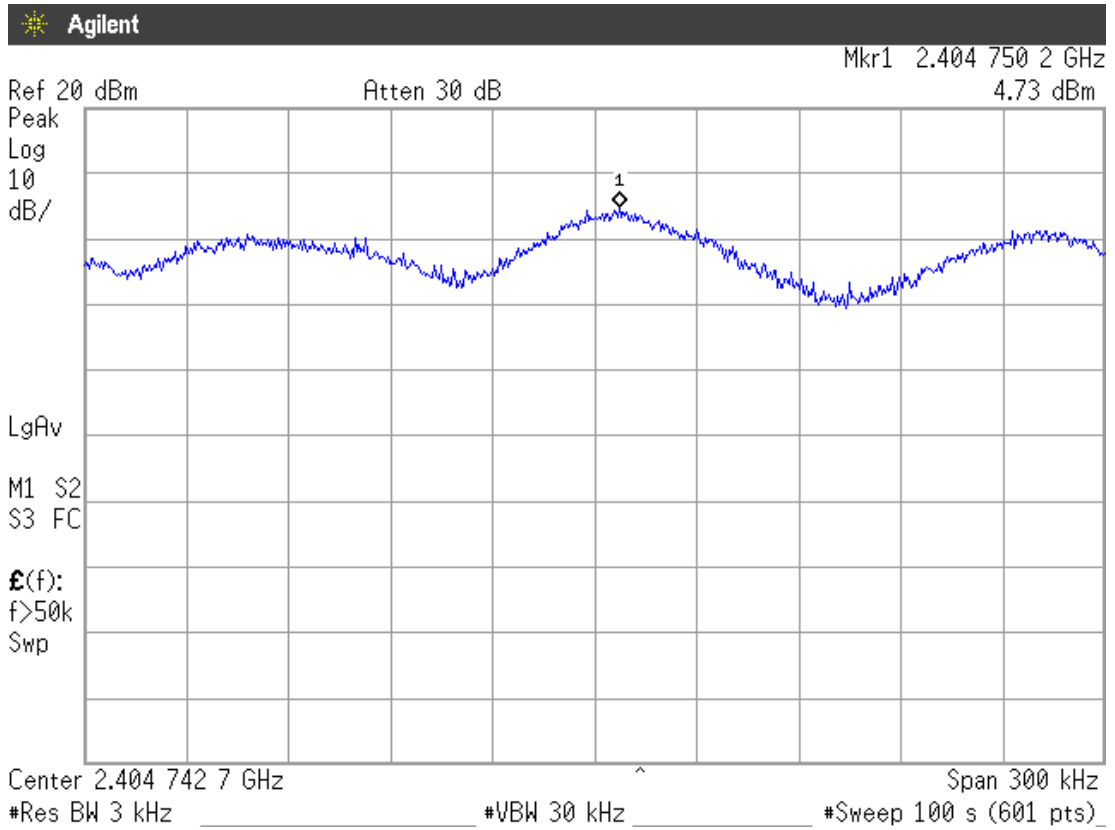
8.6. Test Results

PASSED. All the test results are attached in next pages.

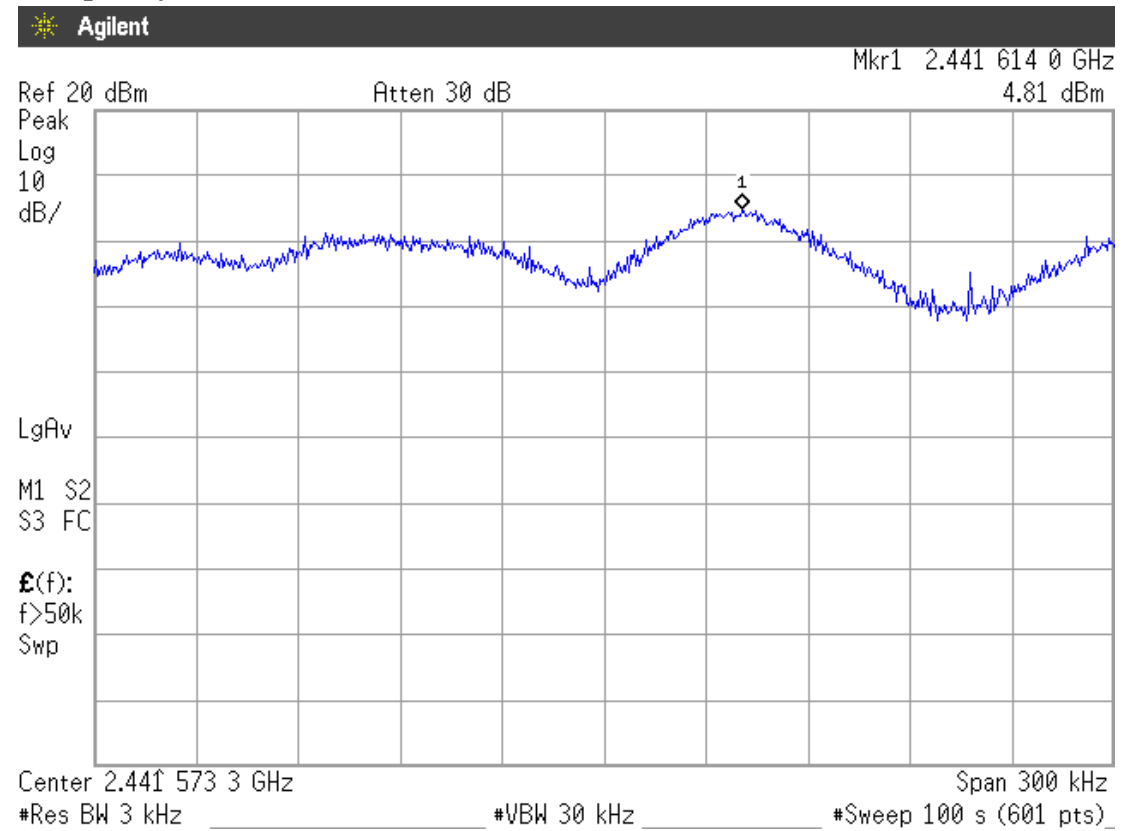
(Test Date : Apr. 29, 2009 Temperature : 26°C Humidity : 50 %)

Channel	Frequency	Power Spectral Density	Limit
02	2405.376MHz	4.73dBm	8dBm
38	2442.240MHz	4.81dBm	8dBm
74	2479.104MHz	5.06dBm	8dBm

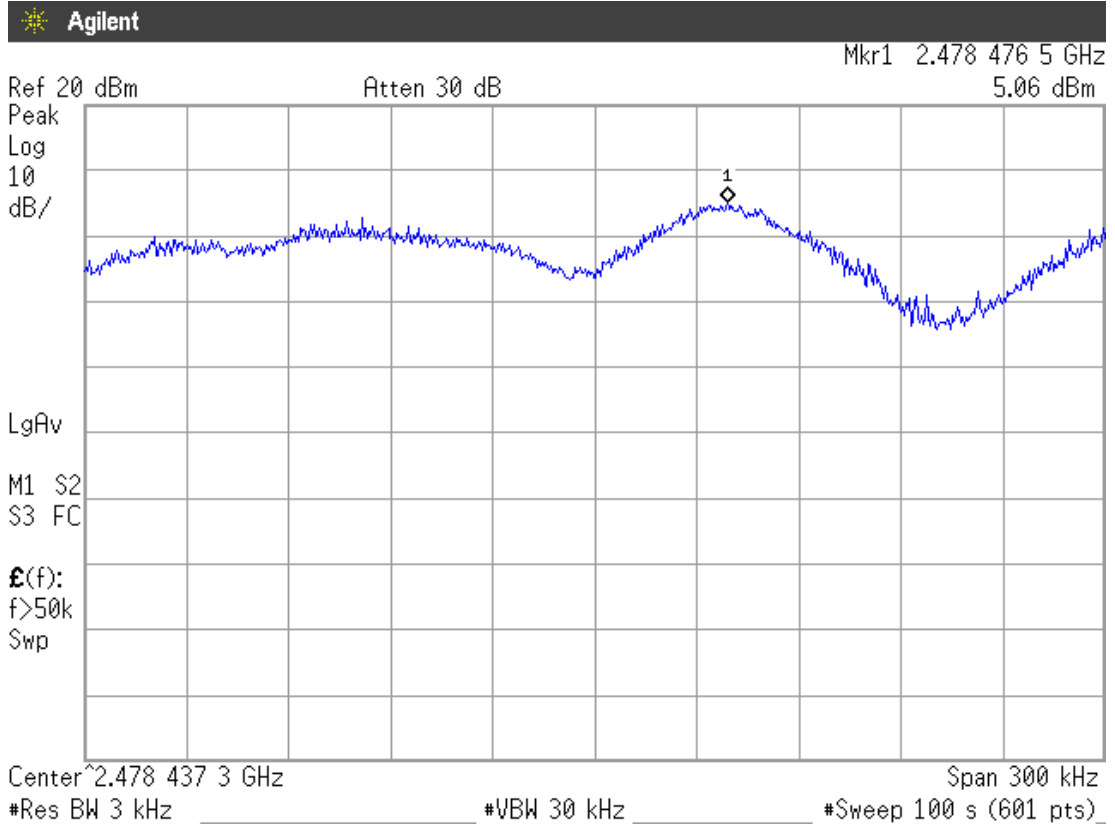
Frequency: 2405.376MHz



Frequency: 2442.240MHz



Frequency: 2479.104MHz



9. DEVIATION TO TEST SPECIFICATIONS

【NONE】

10. PHOTOGRAPHS

10.1. Photos of Radiated Measurement at Semi-Anechoic Chamber

10.1.1. Frequency Below 1GHz



FRONT VIEW OF RADIATED MEASUREMENT



BACK VIEW OF RADIATED MEASUREMENT

10.1.2. Frequency Above 1GHz



FRONT VIEW OF RADIATED MEASUREMENT



BACK VIEW OF RADIATED MEASUREMENT

10.2. Photo of 6dB Bandwidth Measurement



10.3. Photo of Maximum Peak Output Measurement



10.4. Photo of Emission Limitations Measurement



10.5. Photo of Band Edges Measurement



10.6. Photo of Power Spectral Density Measurement



APPENDIX I

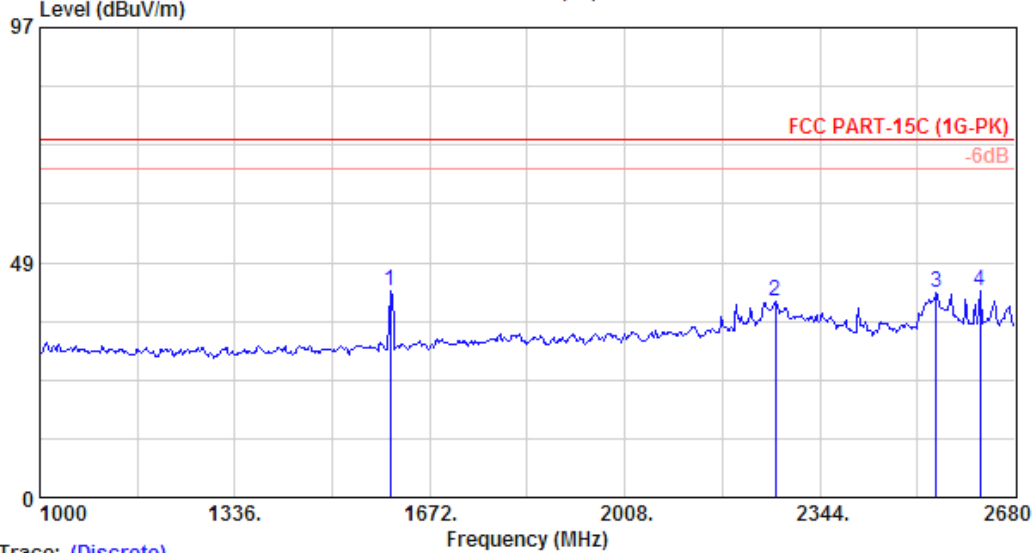
(Radiated Test Data for frequency rang above
1GHz at Semi-Anechoic Chamber)

Total Pages: 28 Pages



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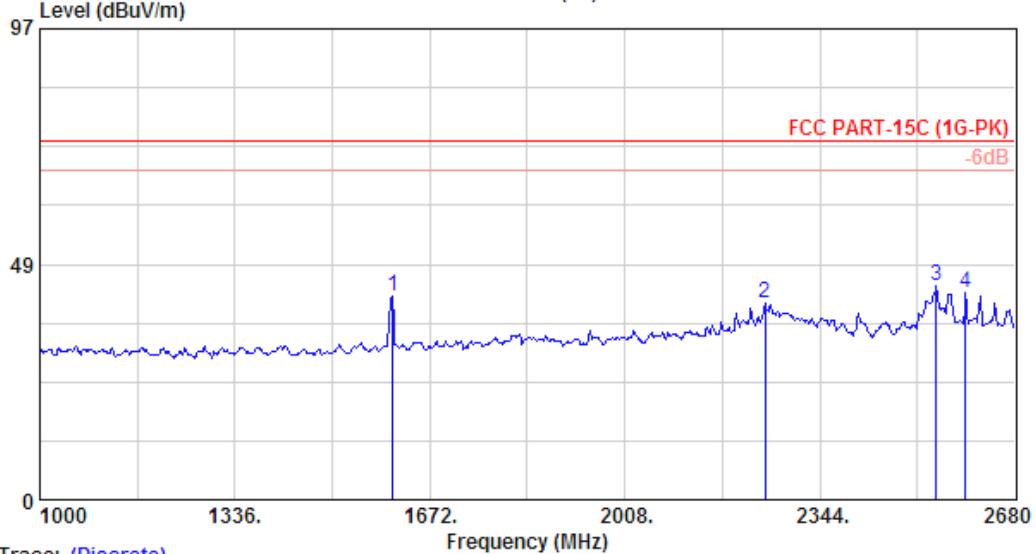
Data: 2 File: D:\EM980418R1\TX2405.376.EMI (18)



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 2
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2405.376MHz	

Data: 1 File: D:\EM980418R1\TX2405.376.EMI (18)



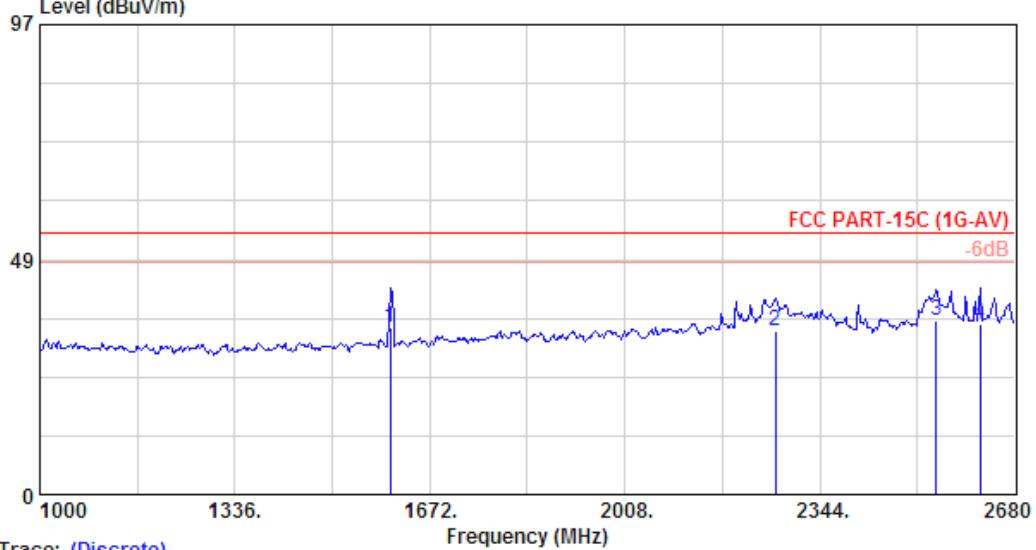
Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 1
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2405.376MHz	



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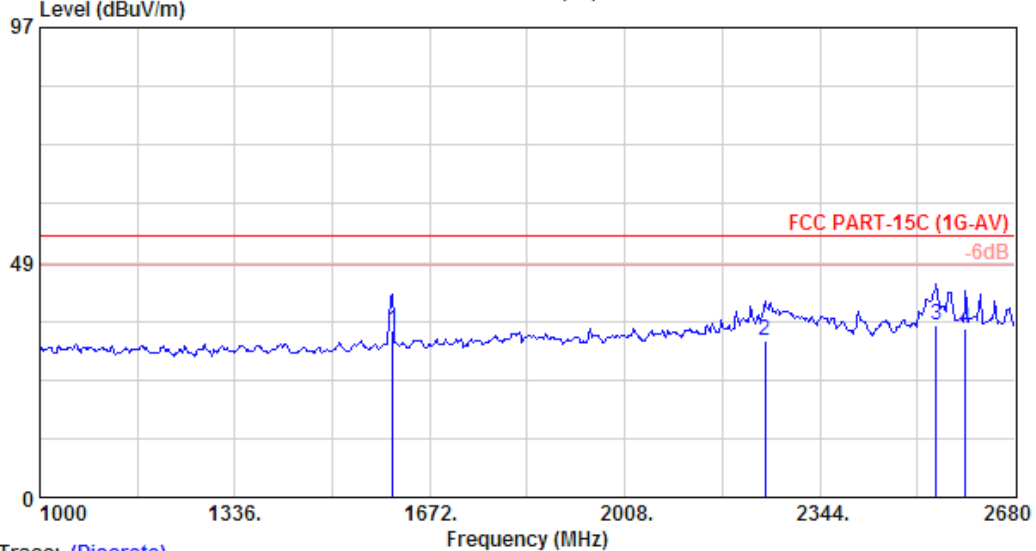
Data: 14 File: D:\EM980418R1\TX2405.376.EMI (18)



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 14
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : 8564EC 25*C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2405.376MHz	

Data: 13 File: D:\EM980418R1\TX2405.376.EMI (18)



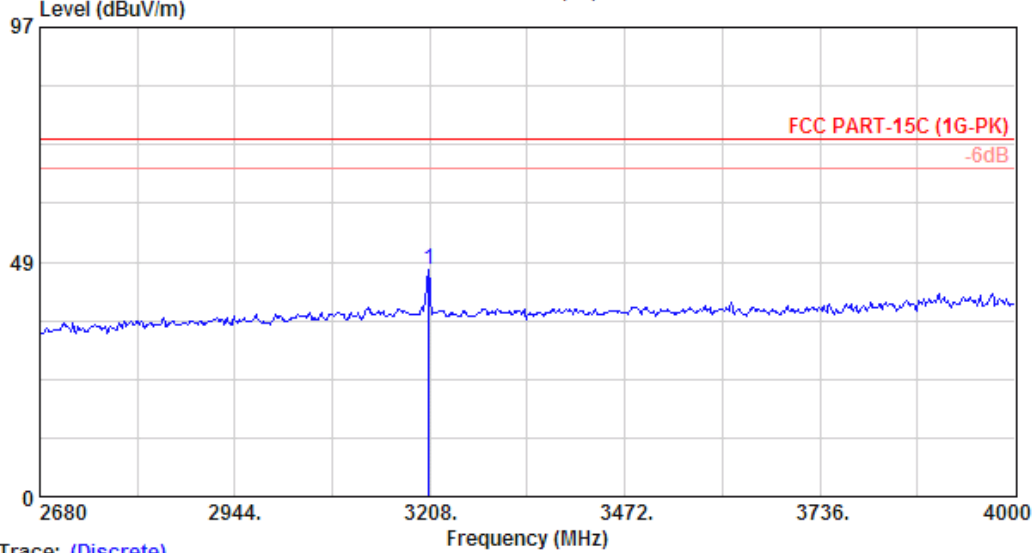
Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 13
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : 8564EC 25*C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2405.376MHz	



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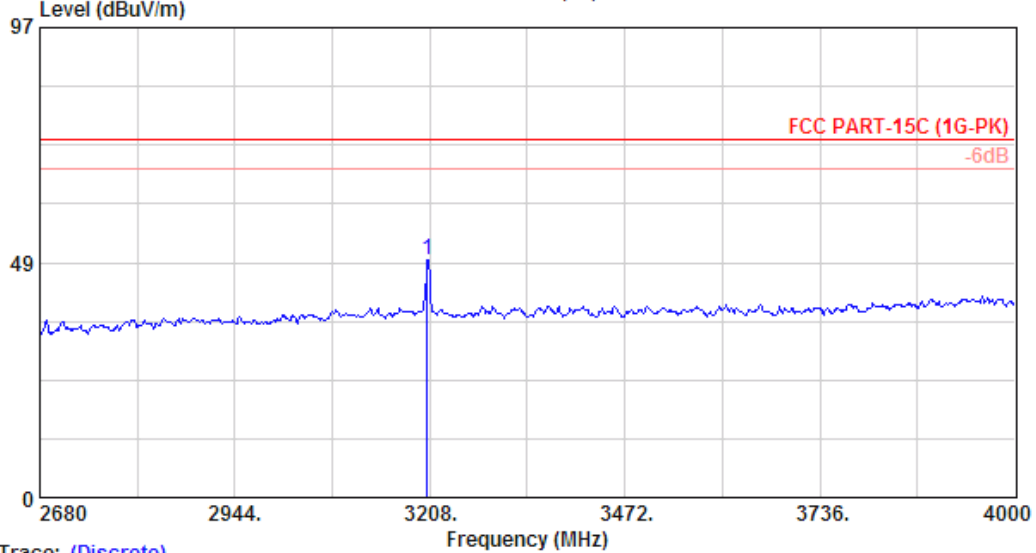
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Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 4
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 25*C/51%		
EUT	: Radio Control M/N:JM912		
Power Rating	: DC 9.6V		
Test Mode	: TX2405.376MHz		

Data: 3 File: D:\EM980418R1\TX2405.376.EMI (18)



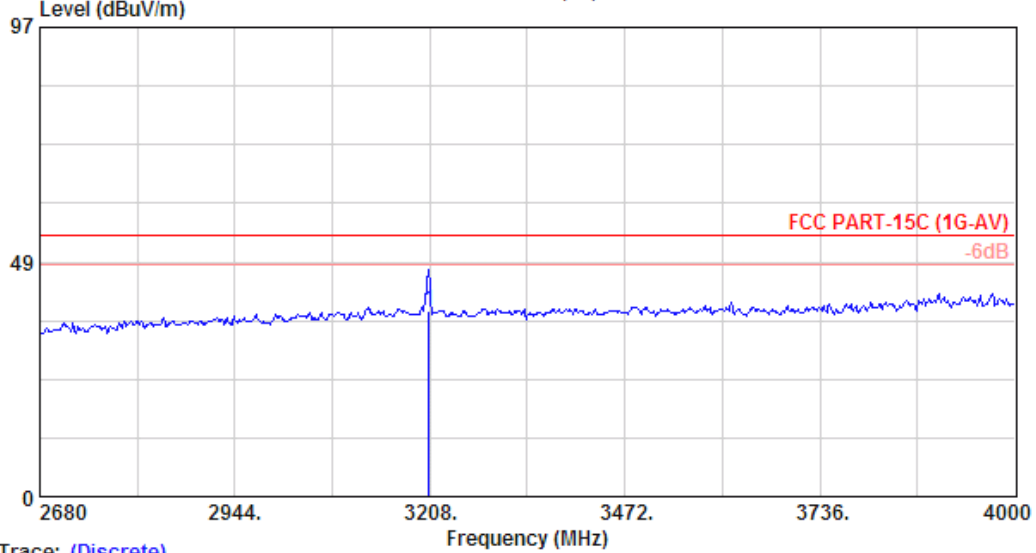
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 3
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 25*C/51%		
EUT	: Radio Control M/N:JM912		
Power Rating	: DC 9.6V		
Test Mode	: TX2405.376MHz		



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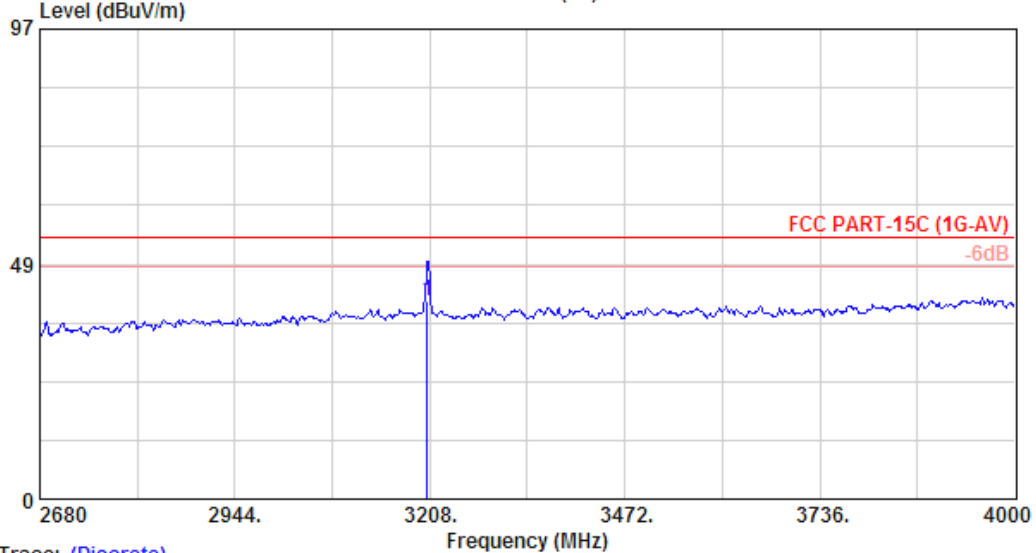
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Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 16
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 25*C/51%		
EUT	: Radio Control M/N:JM912		
Power Rating	: DC 9.6V		
Test Mode	: TX2405.376MHz		

Data: 15 File: D:\EM980418R1\TX2405.376.EMI (18)



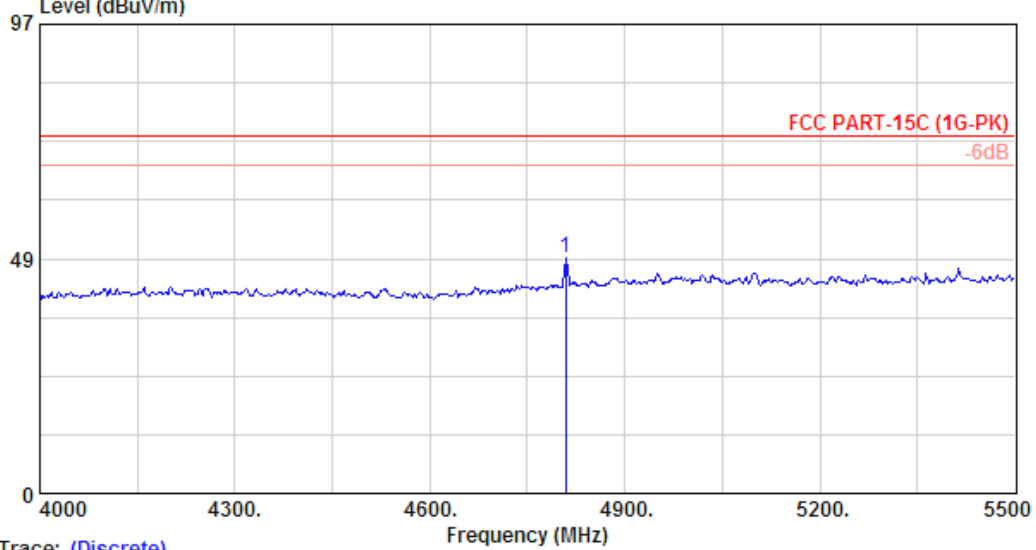
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 15
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 25*C/51%		
EUT	: Radio Control M/N:JM912		
Power Rating	: DC 9.6V		
Test Mode	: TX2405.376MHz		



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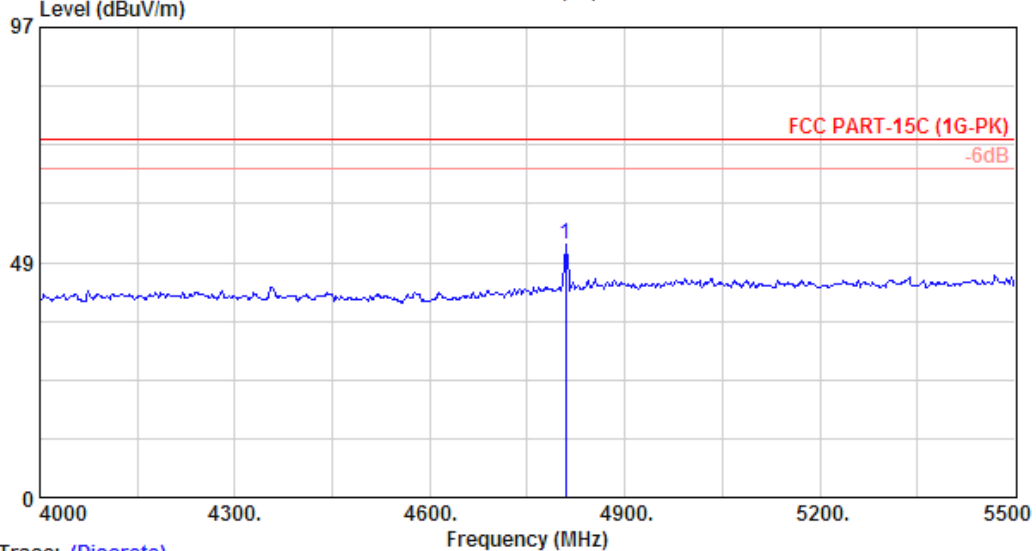
Data: 6 File: D:\EM980418R1\TX2405.376.EMI (18)



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 6
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25*C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2405.376MHz	

Data: 5 File: D:\EM980418R1\TX2405.376.EMI (18)



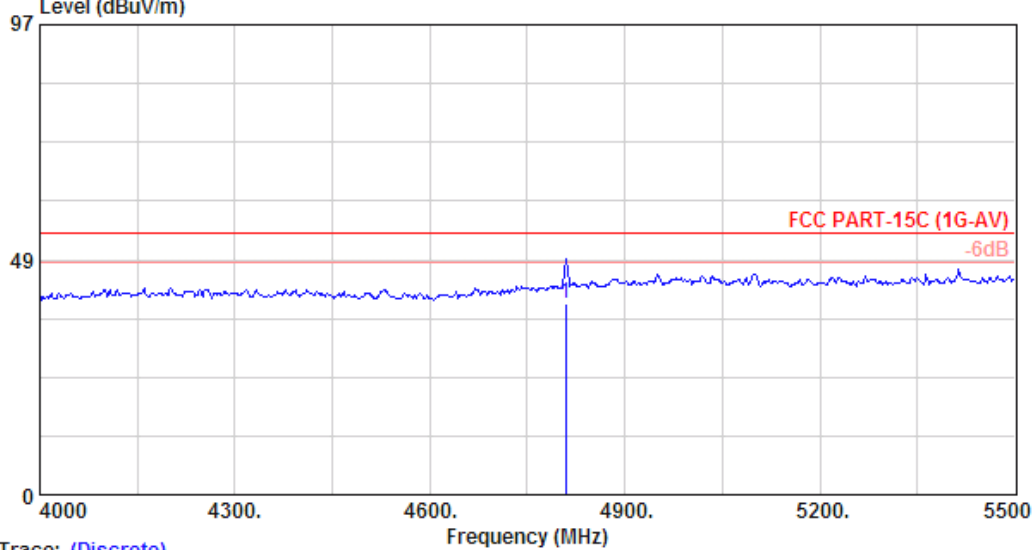
Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 5
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25*C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2405.376MHz	



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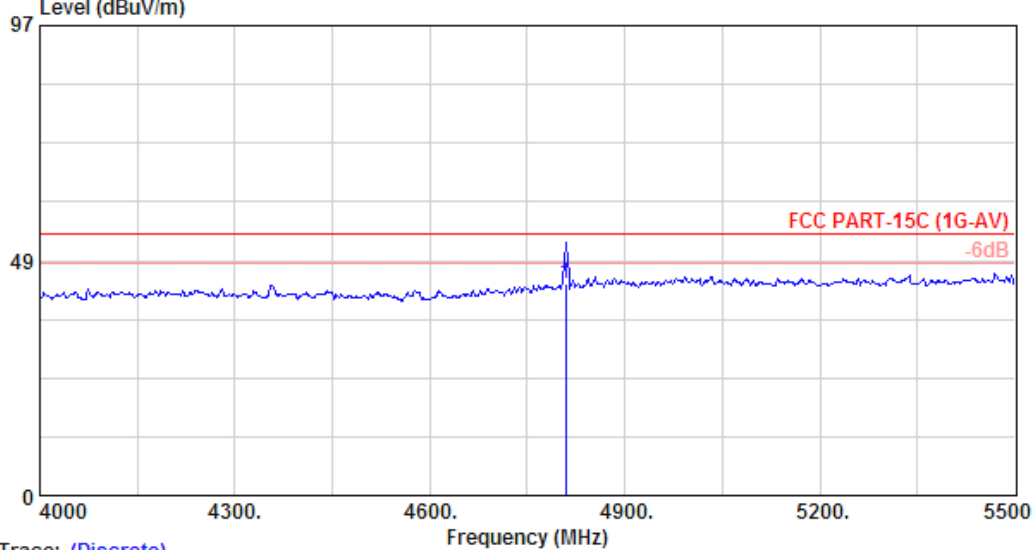
Data: 18 File: D:\EM980418R1\TX2405.376.EMI (18)



Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 18
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 25*C/51%		
EUT	: Radio Control M/N:JM912		
Power Rating	: DC 9.6V		
Test Mode	: TX2405.376MHz		

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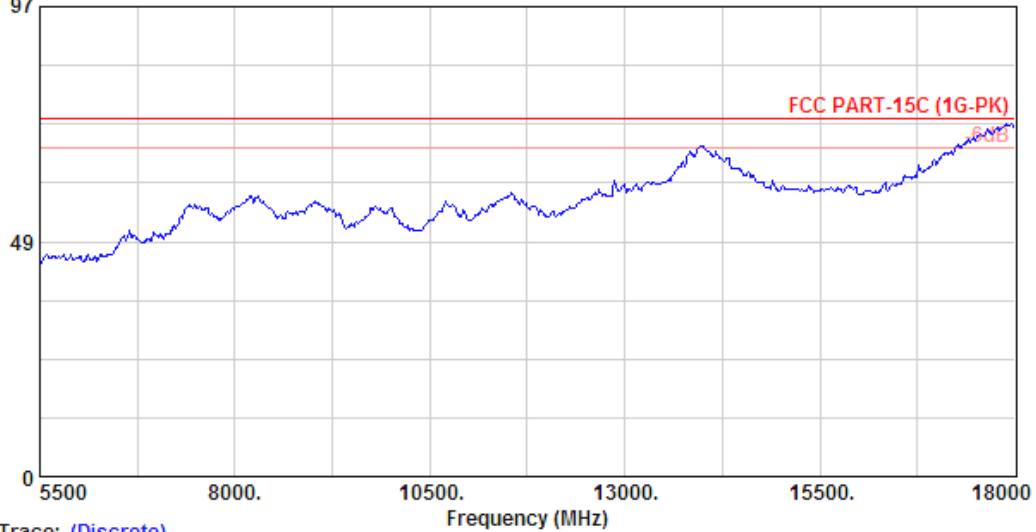
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 17
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 25*C/51%		
EUT	: Radio Control M/N:JM912		
Power Rating	: DC 9.6V		
Test Mode	: TX2405.376MHz		



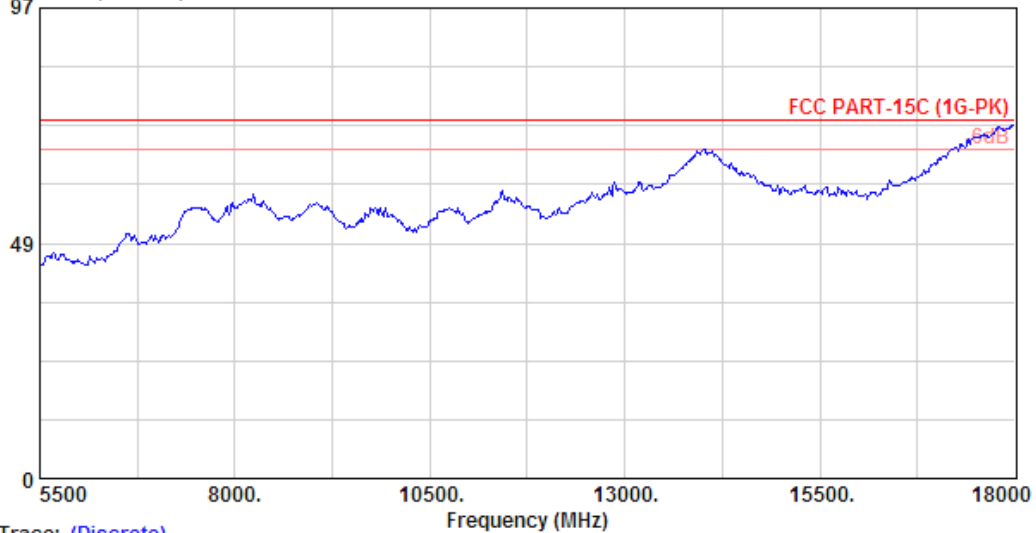
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 Email:ttemc@ttemc.com.tw

Data: 8 File: D:\EM980418R1\TX2405.376.EMI (18)
 Level (dBuV/m)



Trace: (Discrete)
 Site no. : A/C Chamber Data no. : 8
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564EC 25°C/51% Engineer : Jarwei Wang
 EUT : Radio Control M/N:JM912
 Power Rating : DC 9.6V
 Test Mode : TX2405.376MHz

Data: 7 File: D:\EM980418R1\TX2405.376.EMI (18)
 Level (dBuV/m)

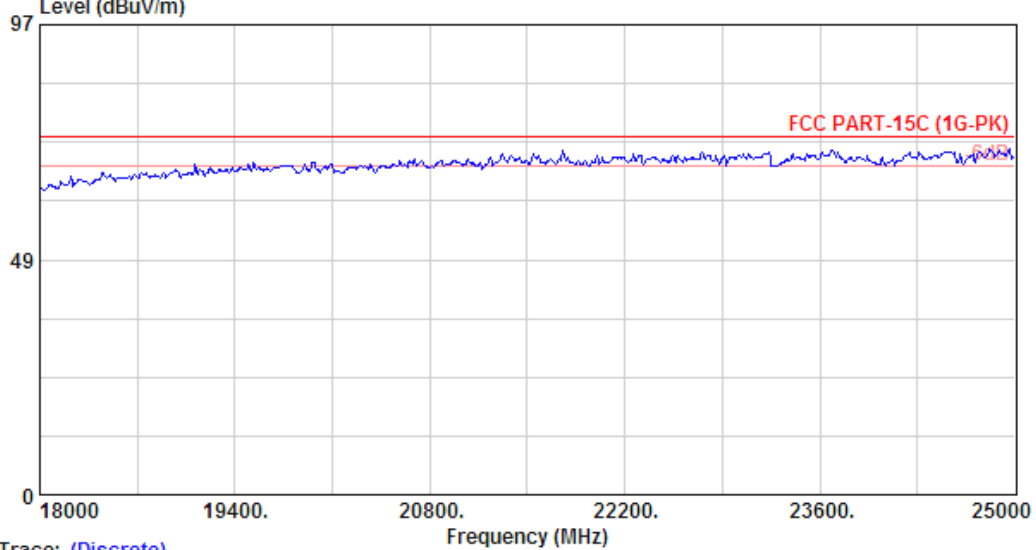


Trace: (Discrete)
 Site no. : A/C Chamber Data no. : 7
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564EC 25°C/51% Engineer : Jarwei Wang
 EUT : Radio Control M/N:JM912
 Power Rating : DC 9.6V
 Test Mode : TX2405.376MHz



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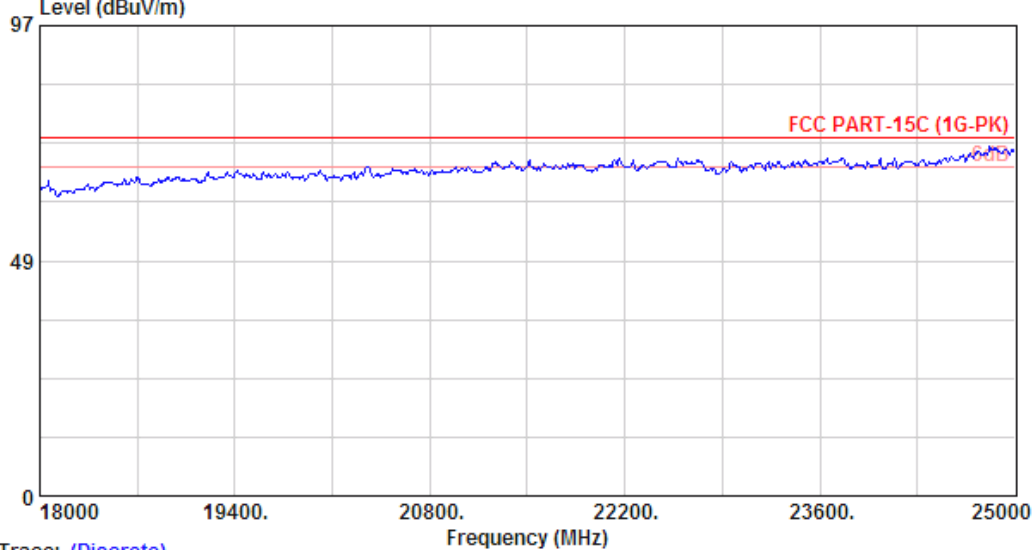
Data: 12 File: D:\EM980418R1\TX2405.376.EMI (18)



Trace: (Discrete)

Site no. : site	Data no. : 12
Dis. / Ant. : 3m 3116	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2405.376MHz	

Data: 11 File: D:\EM980418R1\TX2405.376.EMI (18)



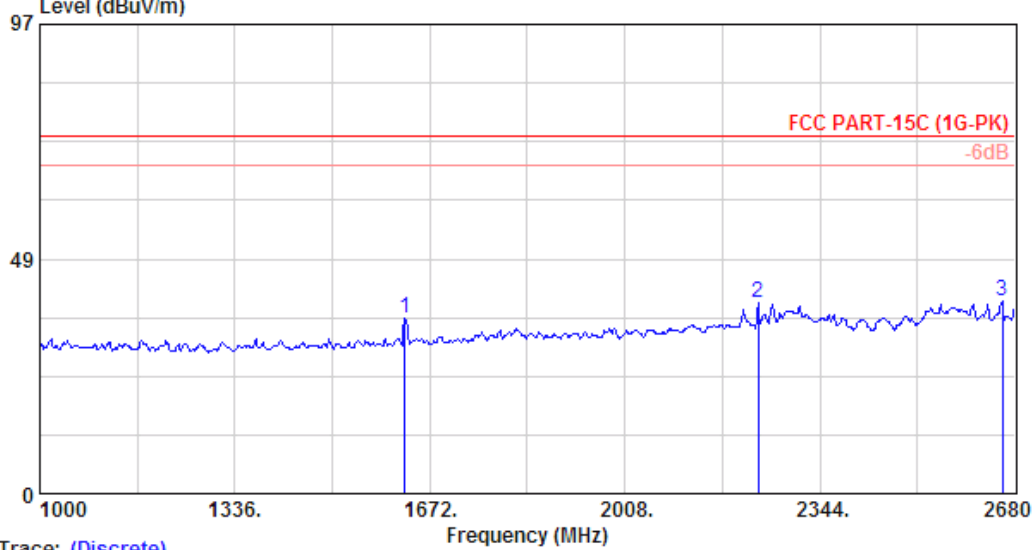
Trace: (Discrete)

Site no. : site	Data no. : 11
Dis. / Ant. : 3m 3116	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2405.376MHz	



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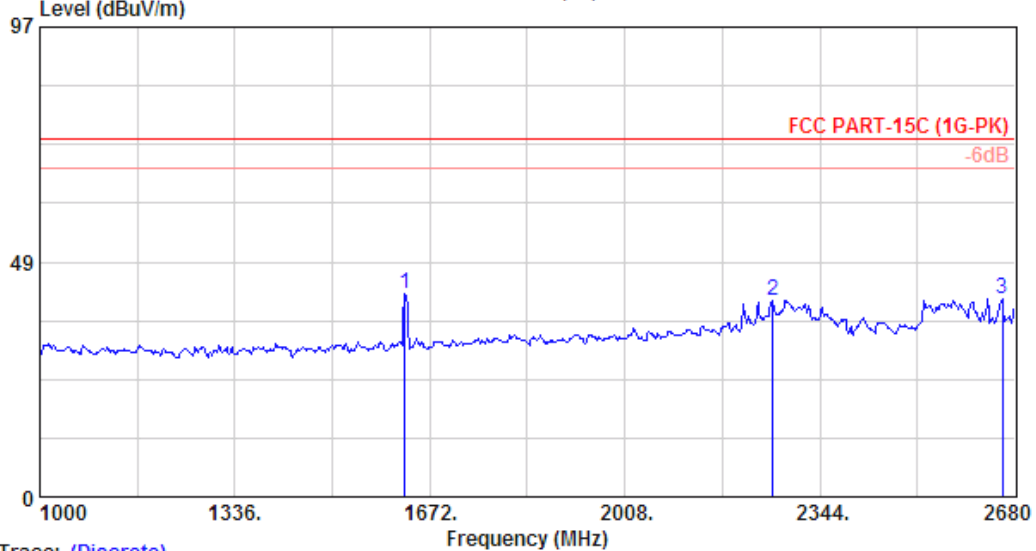
Data: 5 File: D:\EM980418R1\TX2442.240.EMI (18)



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 5
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25*C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2442.240MHz	

Data: 6 File: D:\EM980418R1\TX2442.240.EMI (18)



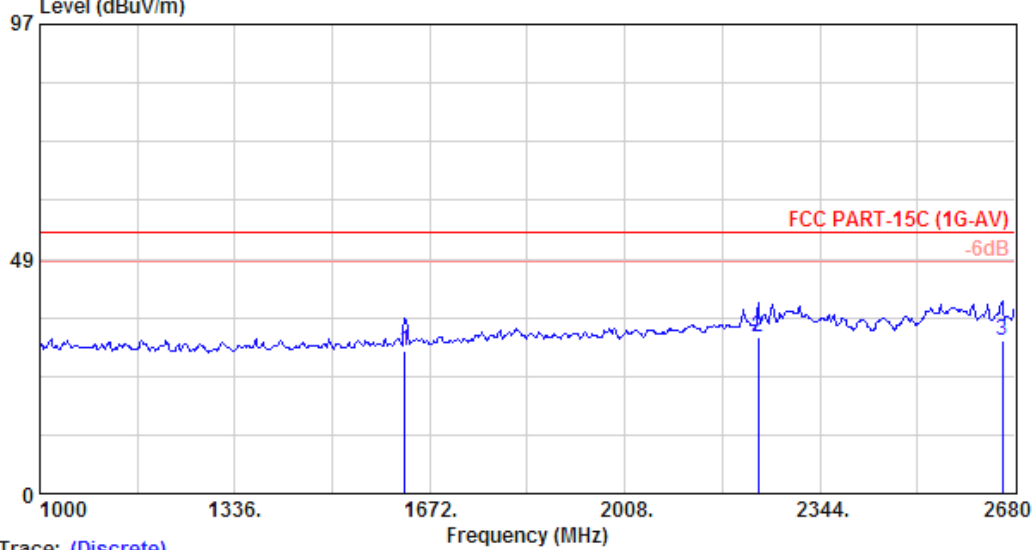
Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 6
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25*C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2442.240MHz	



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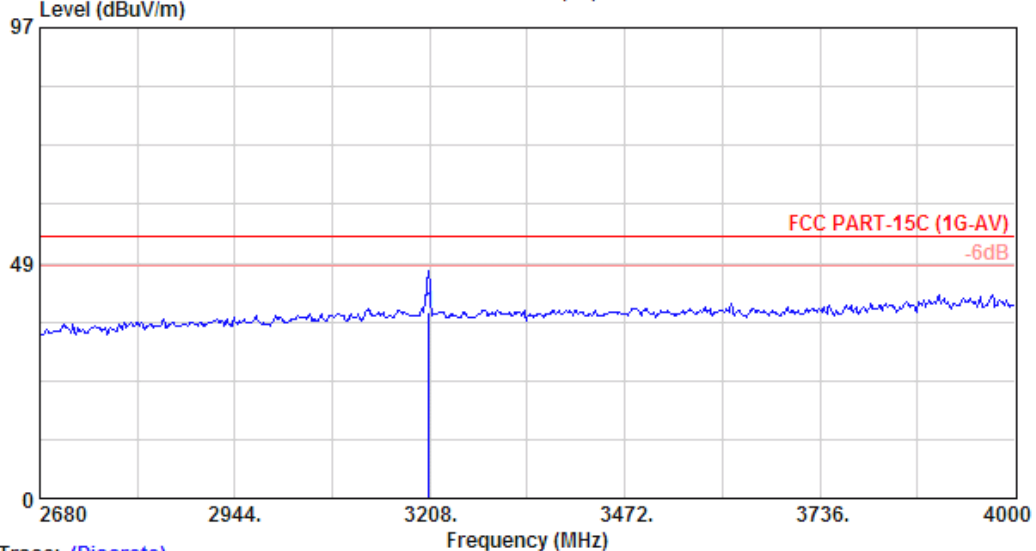
Data: 15 File: D:\EM980418R1\TX2442.240.EMI (18)



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 15
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : 8564EC 25*C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2442.240MHz	

Data: 16 File: D:\EM980418R1\TX2405.376.EMI (18)



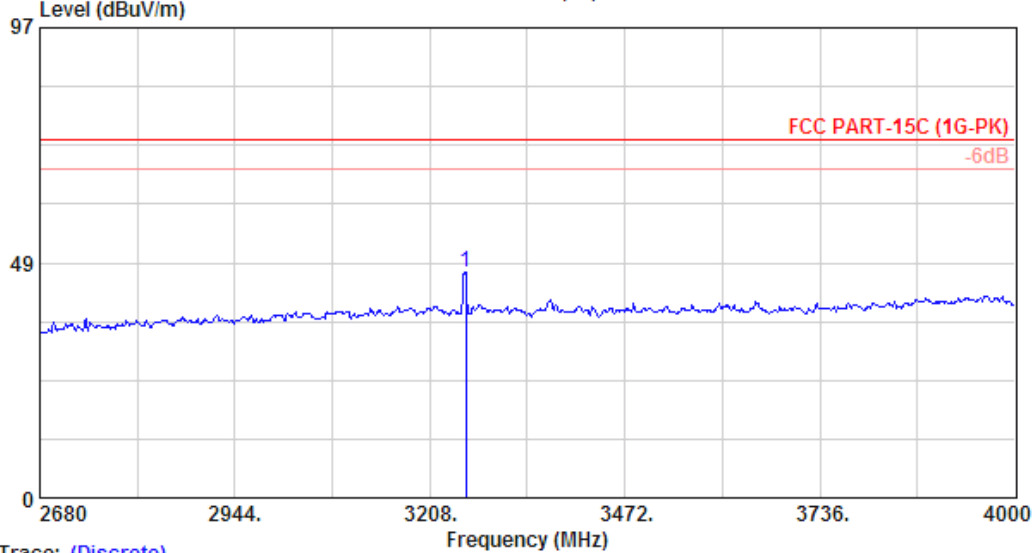
Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 16
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : 8564EC 25*C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2405.376MHz	



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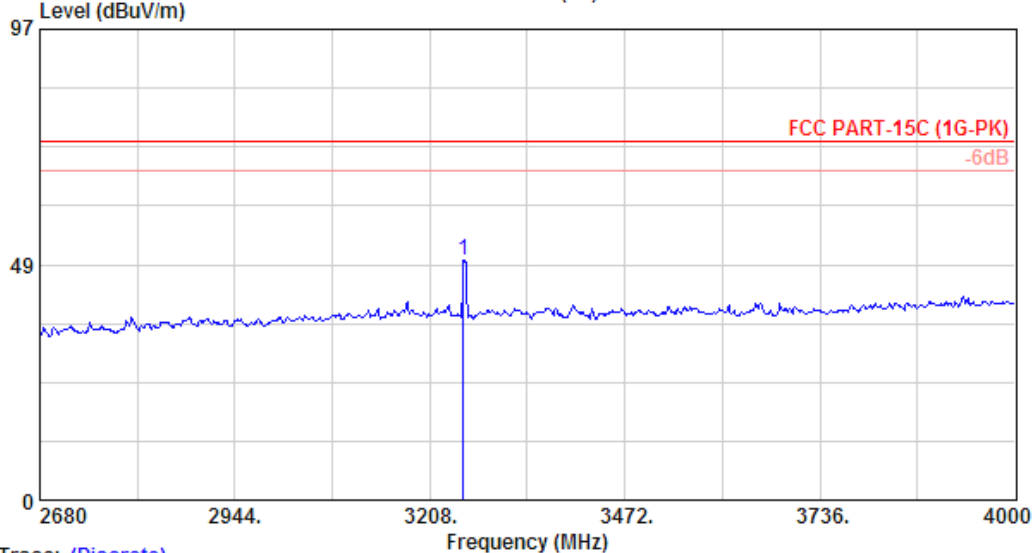
Data: 8 File: D:\EM980418R1\TX2442.240.EMI (18)



Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 8
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 25*C/51%		
EUT	: Radio Control M/N:JM912		
Power Rating	: DC 9.6V		
Test Mode	: TX2442.240MHz		

Data: 7 File: D:\EM980418R1\TX2442.240.EMI (18)



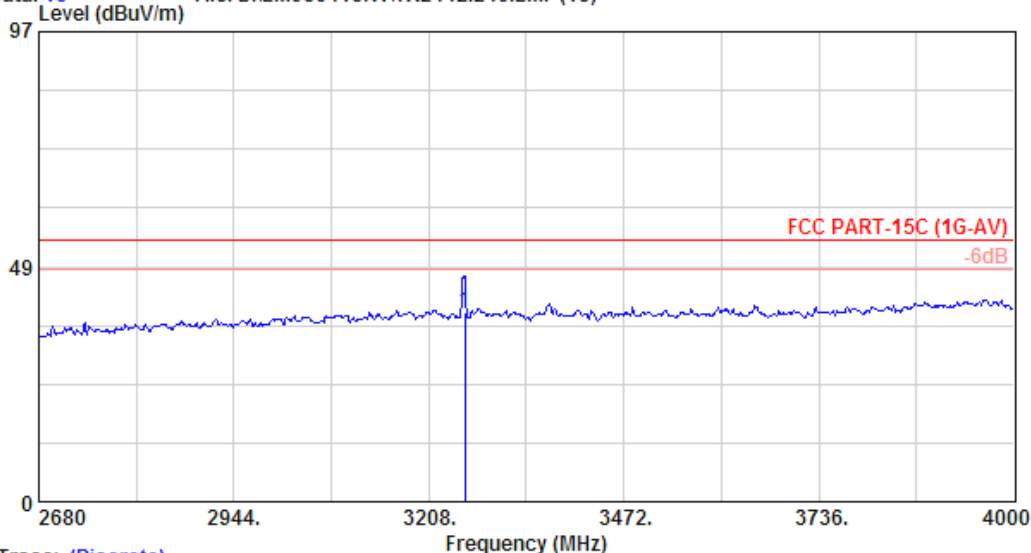
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 7
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 25*C/51%		
EUT	: Radio Control M/N:JM912		
Power Rating	: DC 9.6V		
Test Mode	: TX2442.240MHz		



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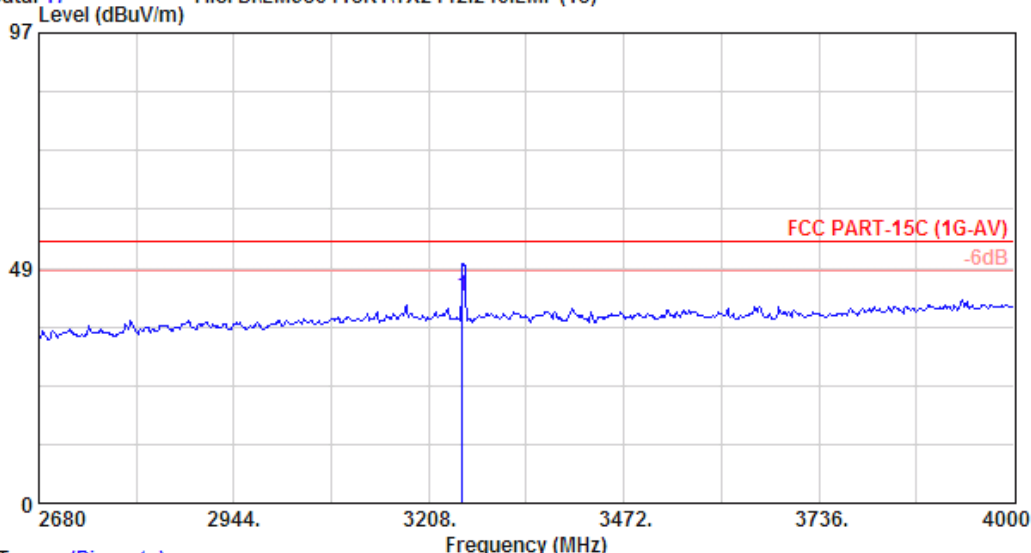
Data: 18 File: D:\EM980418R1\TX2442.240.EMI (18)



Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 18
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 25*C/51%		
EUT	: Radio Control M/N:JM912		
Power Rating	: DC 9.6V		
Test Mode	: TX2442.240MHz		

Data: 17 File: D:\EM980418R1\TX2442.240.EMI (18)



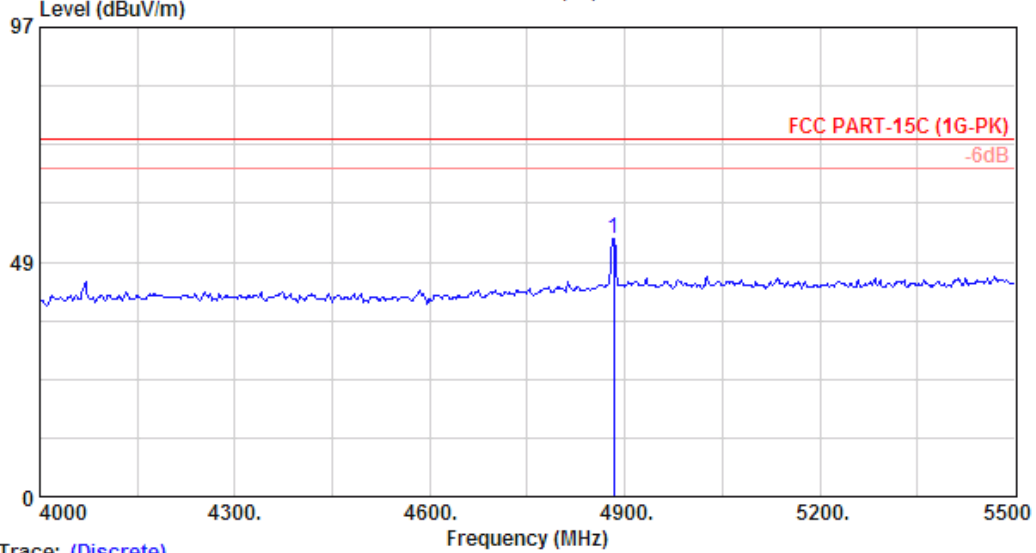
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 17
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 25*C/51%		
EUT	: Radio Control M/N:JM912		
Power Rating	: DC 9.6V		
Test Mode	: TX2442.240MHz		



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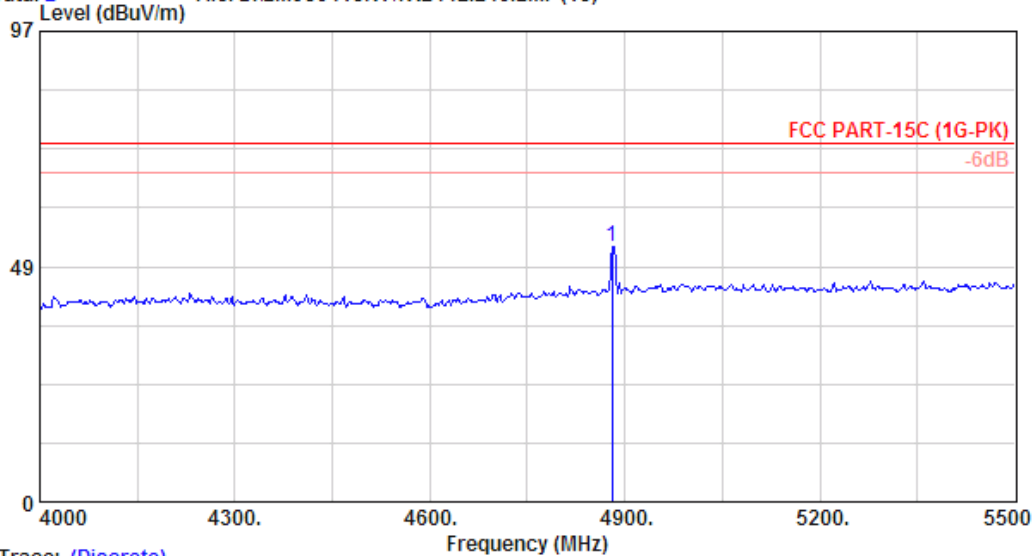
Data: 1 File: D:\EM980418R1\TX2442.240.EMI (18)



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 1
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25*C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2442.240MHz	

Data: 2 File: D:\EM980418R1\TX2442.240.EMI (18)



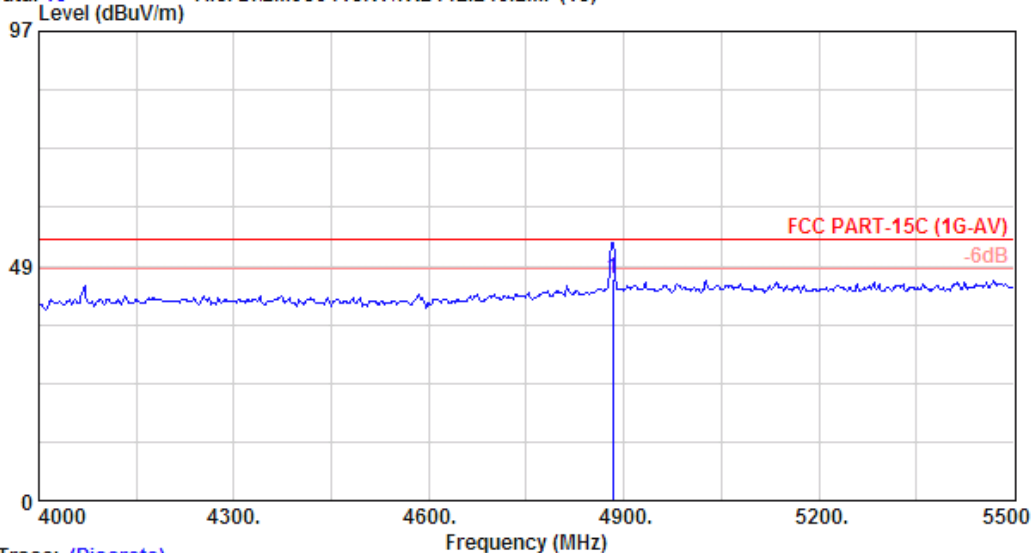
Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 2
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25*C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2442.240MHz	



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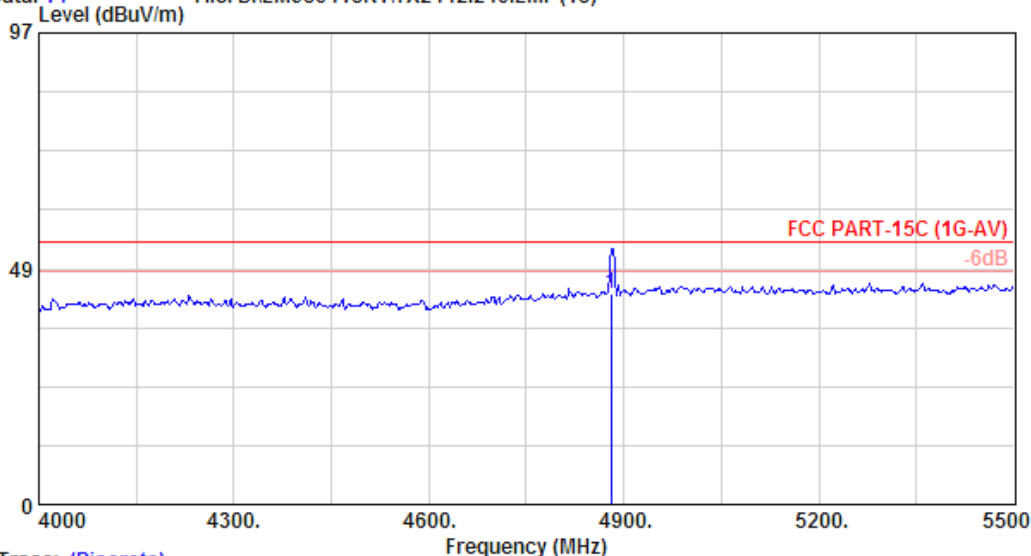
Data: 13 File: D:\EM980418R1\TX2442.240.EMI (18)



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 13
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : 8564EC 25*C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2442.240MHz	

Data: 14 File: D:\EM980418R1\TX2442.240.EMI (18)



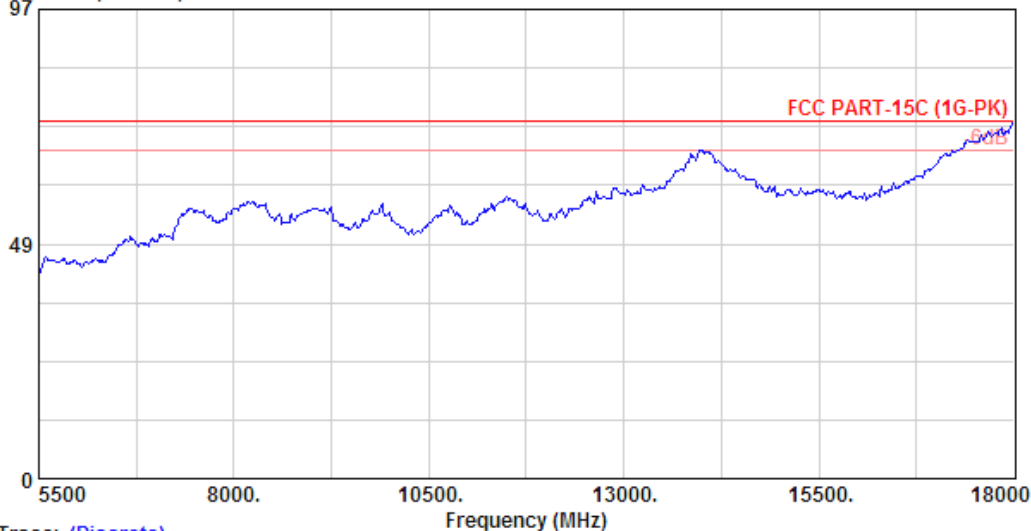
Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 14
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : 8564EC 25*C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2442.240MHz	



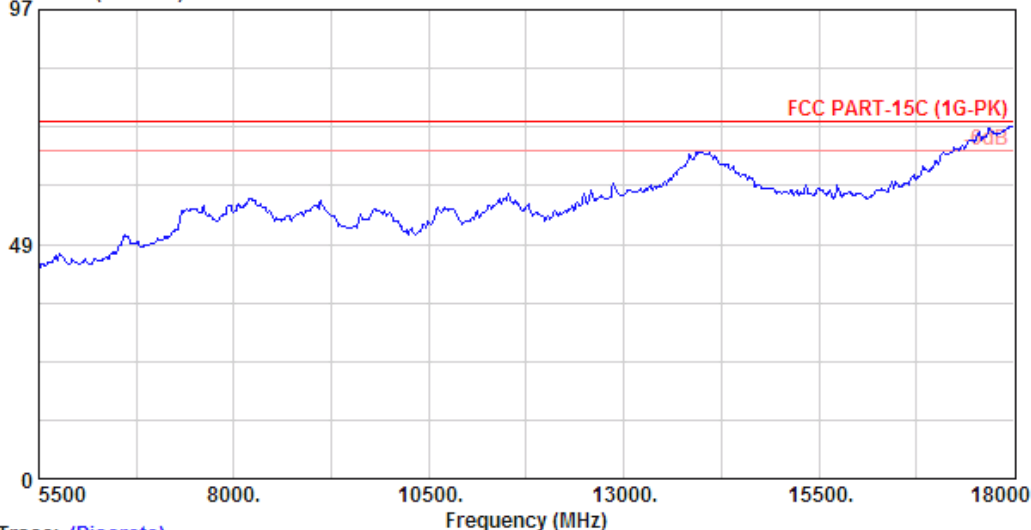
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Data: 4 File: D:\EM980418R1\TX2442.240.EMI (18)
 Level (dBuV/m)



Trace: (Discrete)
 Site no. : A/C Chamber Data no. : 4
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564EC 25°C/51% Engineer : Jarwei Wang
 EUT : Radio Control M/N:JM912
 Power Rating : DC 9.6V
 Test Mode : TX2442.240MHz

Data: 3 File: D:\EM980418R1\TX2442.240.EMI (18)
 Level (dBuV/m)

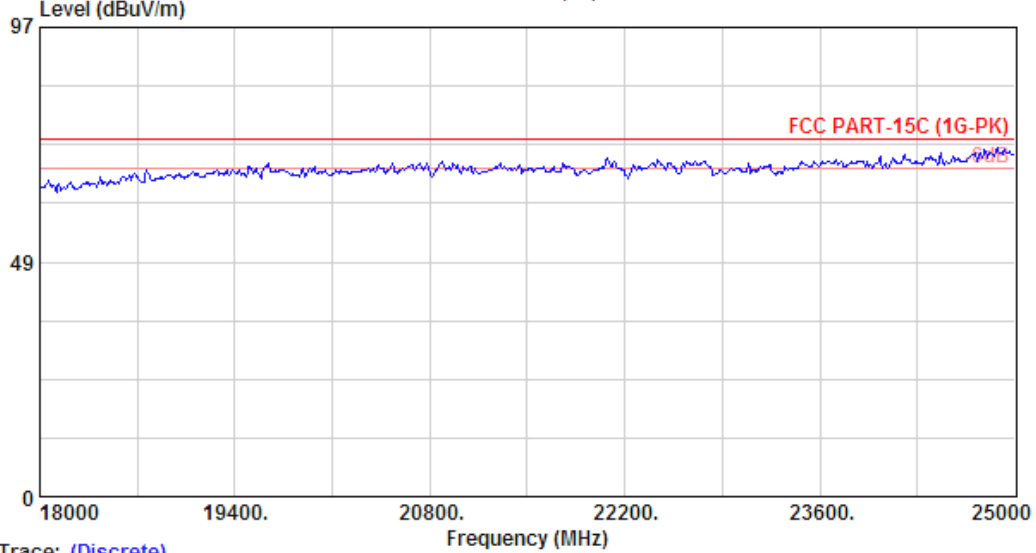


Trace: (Discrete)
 Site no. : A/C Chamber Data no. : 3
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564EC 25°C/51% Engineer : Jarwei Wang
 EUT : Radio Control M/N:JM912
 Power Rating : DC 9.6V
 Test Mode : TX2442.240MHz



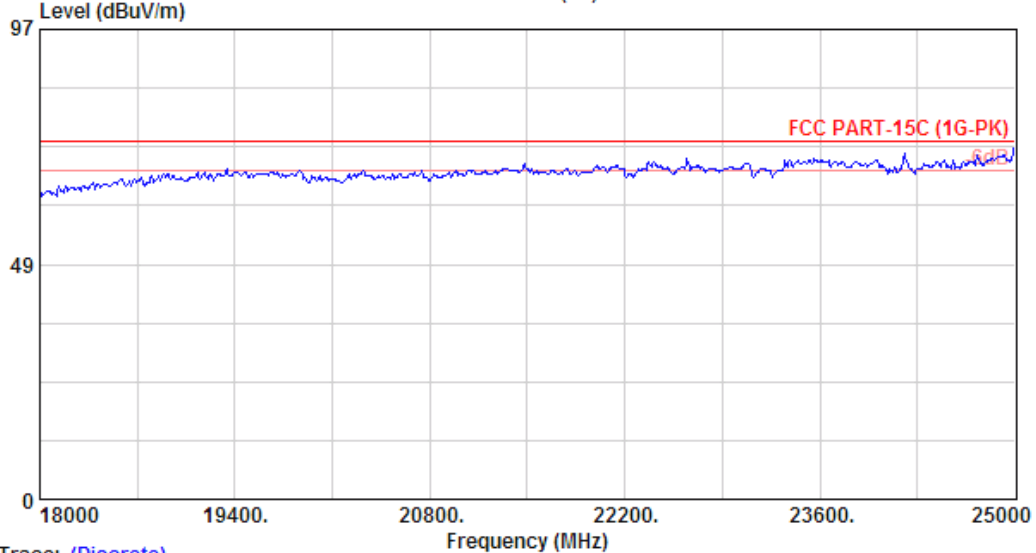
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Data: 9 File: D:\EM980418R1\TX2442.240.EMI (18)



Trace: (Discrete)
 Site no. : site Data no. : 9
 Dis. / Ant. : 3m 3116 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564EC 25*C/51% Engineer : Jarwei Wang
 EUT : Radio Control M/N:JM912
 Power Rating : DC 9.6V
 Test Mode : TX2442.240MHz

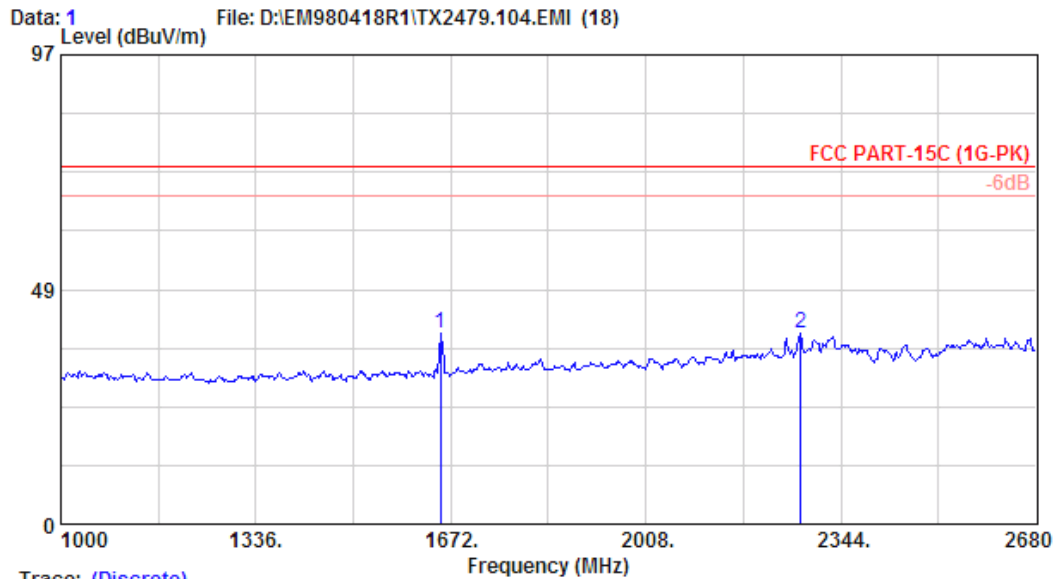
Data: 10 File: D:\EM980418R1\TX2442.240.EMI (18)



Trace: (Discrete)
 Site no. : site Data no. : 10
 Dis. / Ant. : 3m 3116 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564EC 25*C/51% Engineer : Jarwei Wang
 EUT : Radio Control M/N:JM912
 Power Rating : DC 9.6V
 Test Mode : TX2442.240MHz

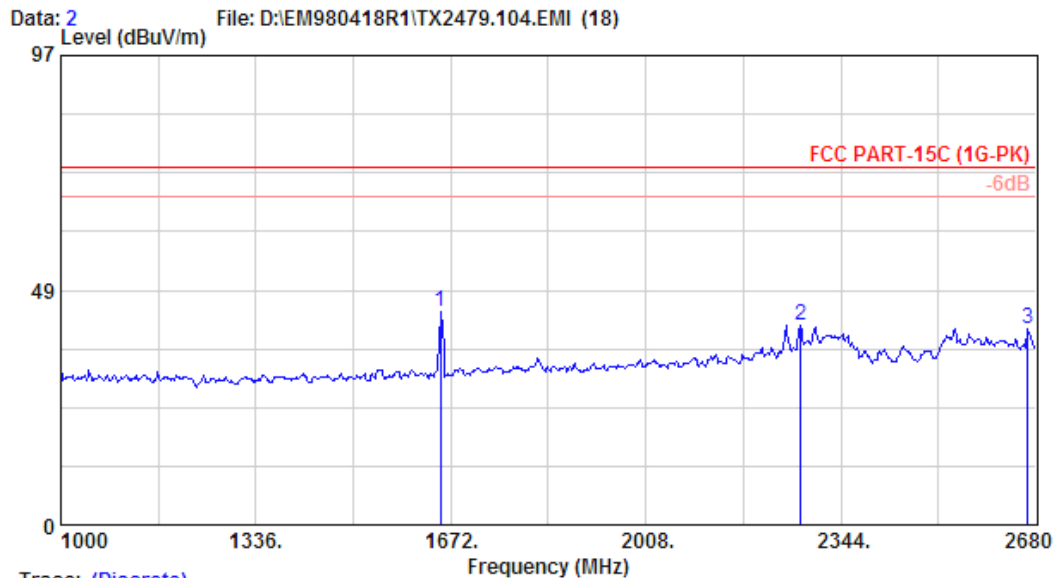


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 Email:ttmc@ttmc.com.tw



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 1
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25*C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2479.104MHz	

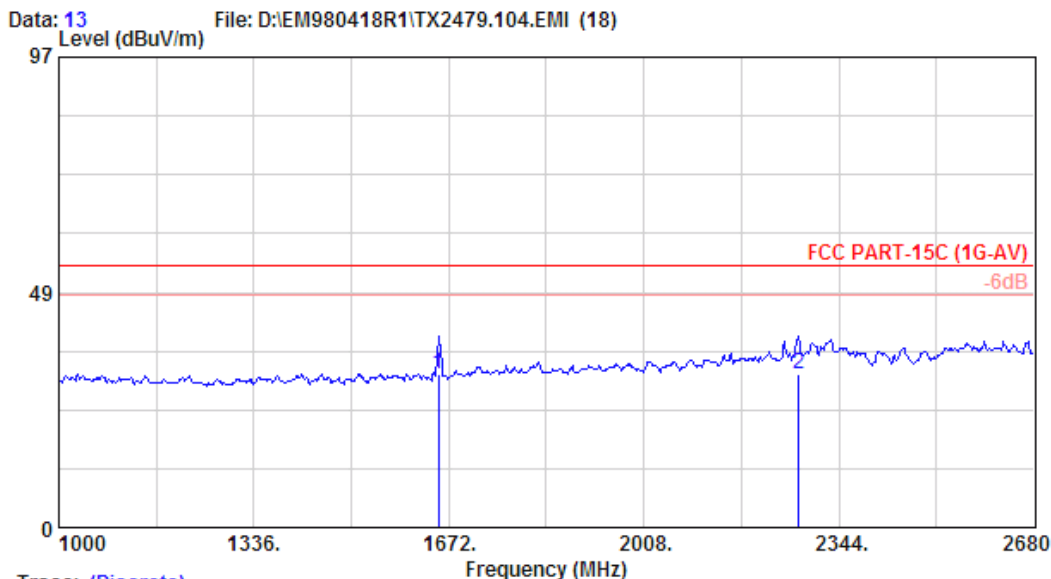


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 2
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25*C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2479.104MHz	

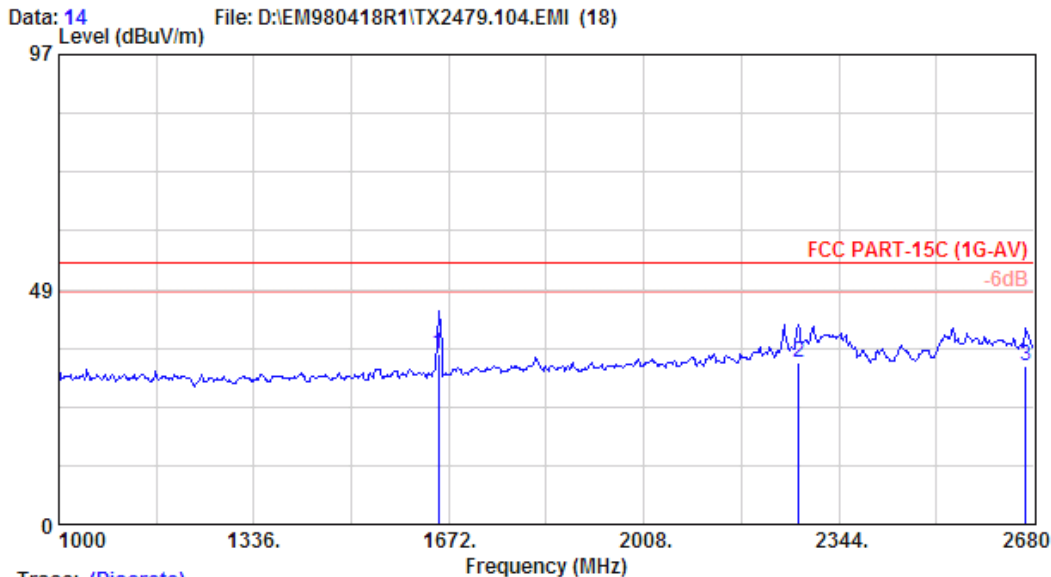


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 Email:ttenc@ttenc.com.tw



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 13
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2479.104MHz	

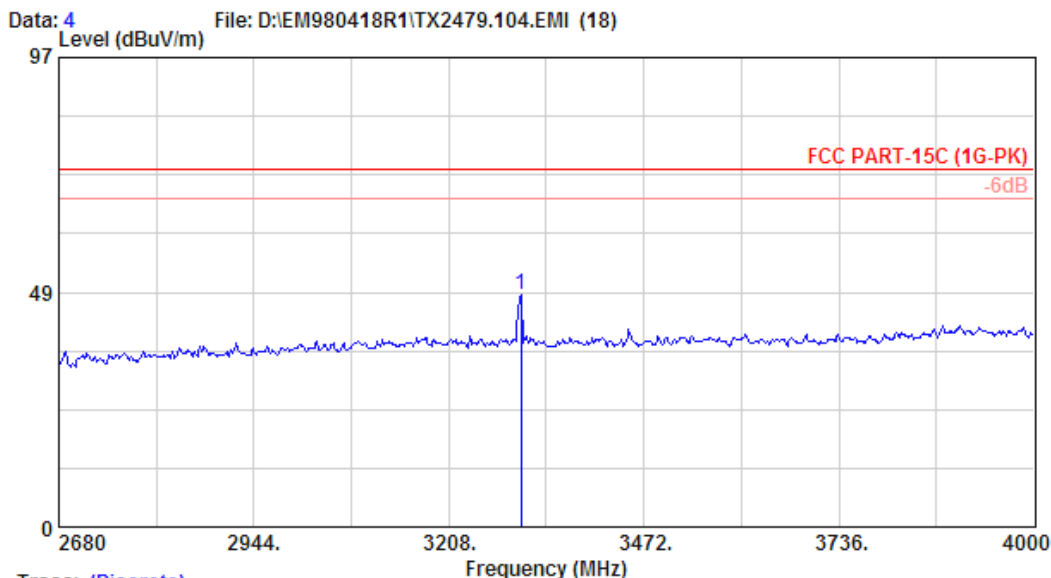


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 14
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2479.104MHz	

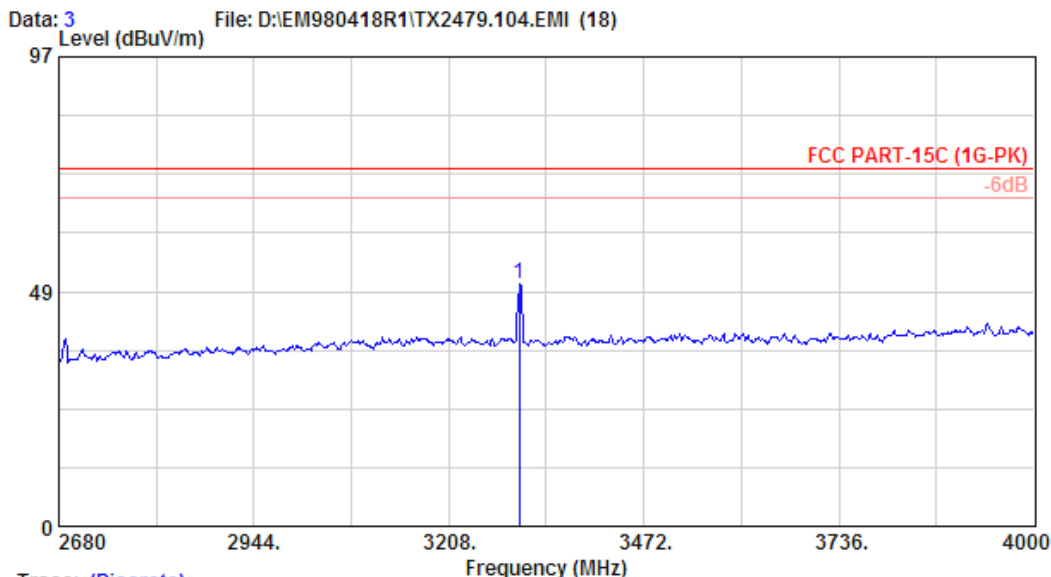


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Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 4
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 25*C/51%		
EUT	: Radio Control M/N:JM912		
Power Rating	: DC 9.6V		
Test Mode	: TX2479.104MHz		

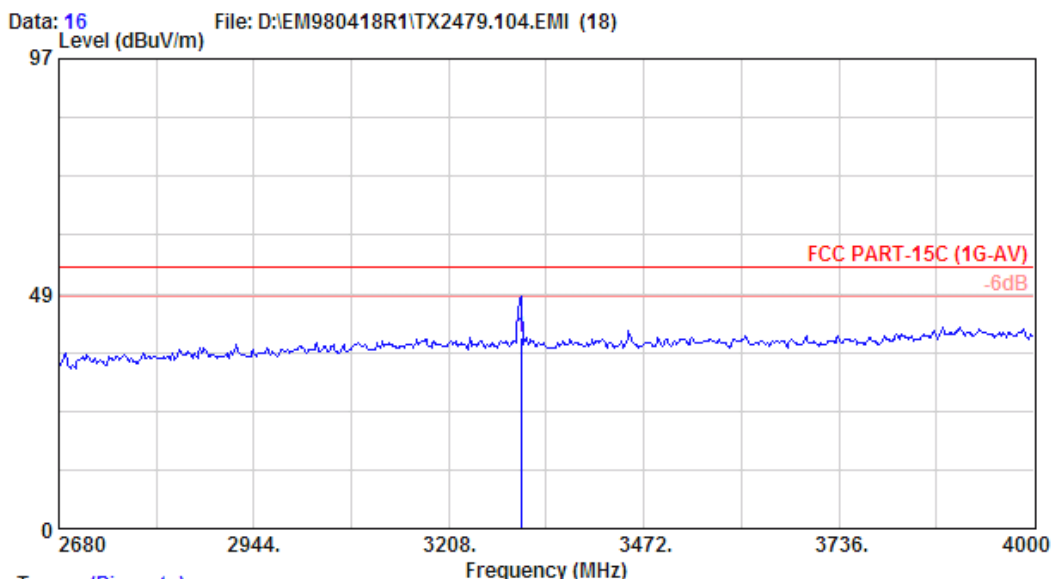


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 3
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 25*C/51%		
EUT	: Radio Control M/N:JM912		
Power Rating	: DC 9.6V		
Test Mode	: TX2479.104MHz		

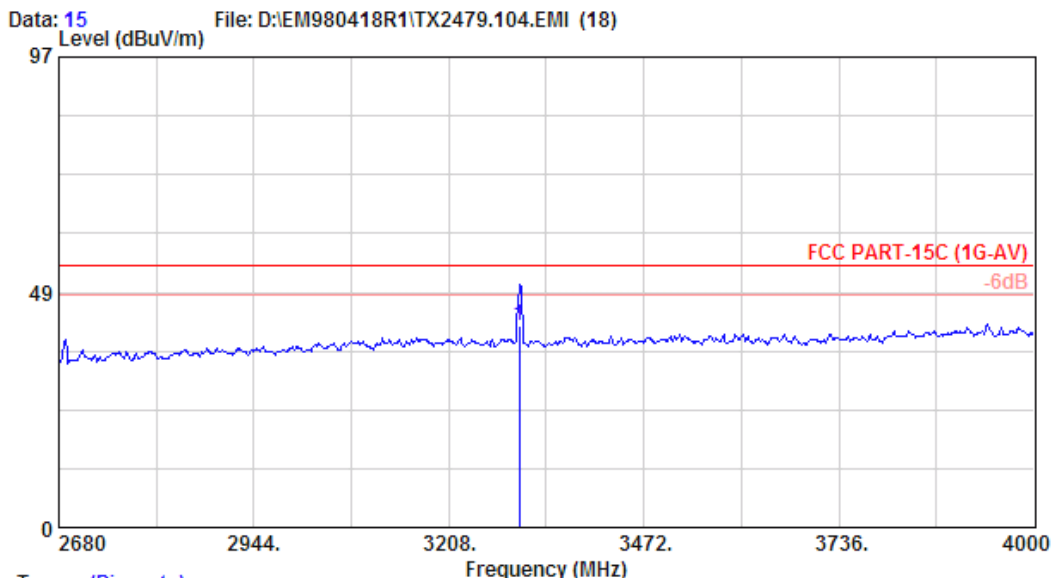


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 16
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2479.104MHz	

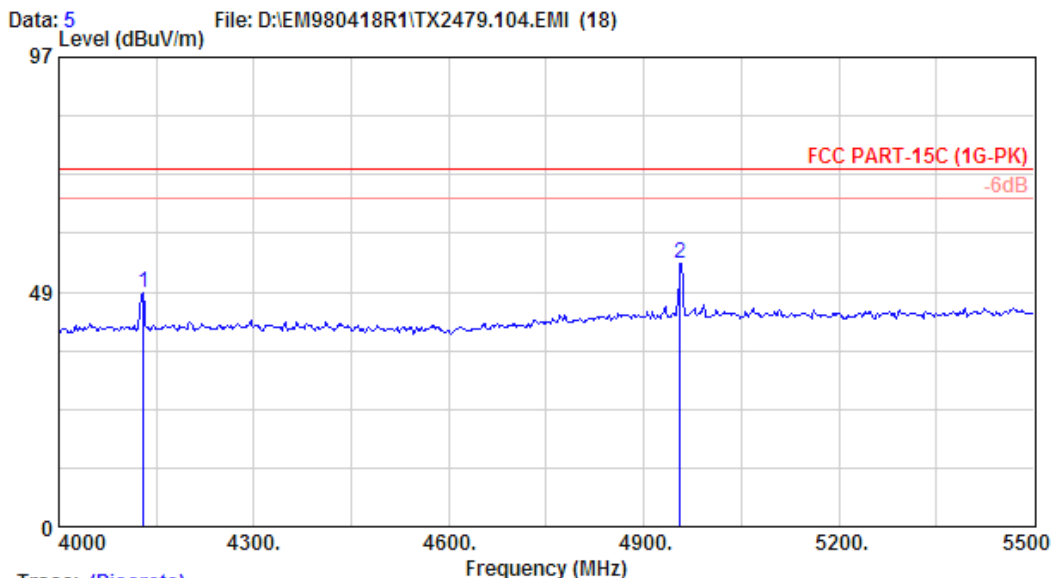


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 15
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2479.104MHz	

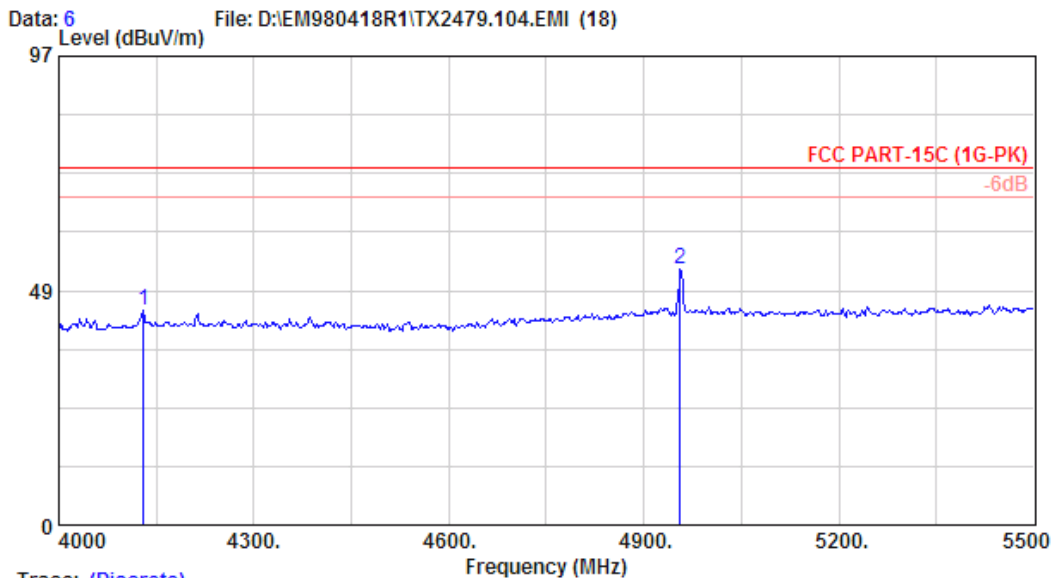


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 Email:ttemc@ttemc.com.tw



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 5
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2479.104MHz	

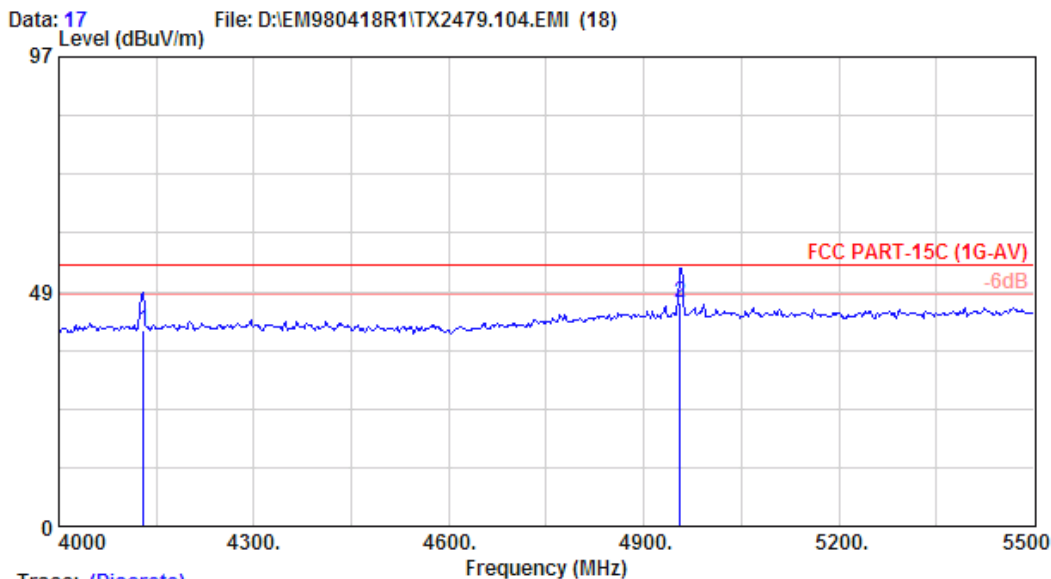


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 6
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2479.104MHz	

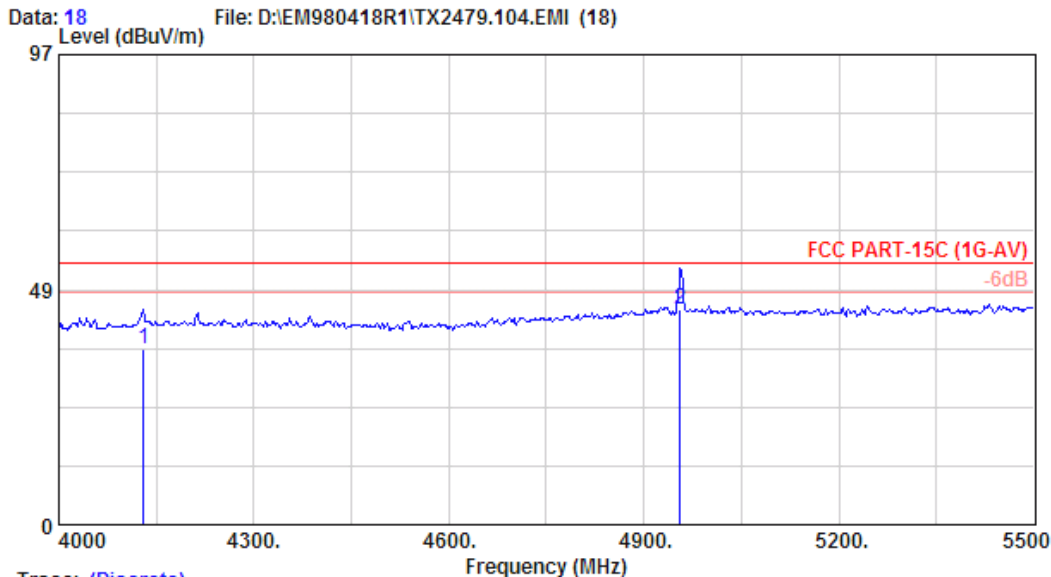


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Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 17
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-AV)		
Env. / Ins.	: 8564EC 25°C/51%	Engineer	: Jarwei Wang
EUT	: Radio Control M/N:JM912		
Power Rating	: DC 9.6V		
Test Mode	: TX2479.104MHz		

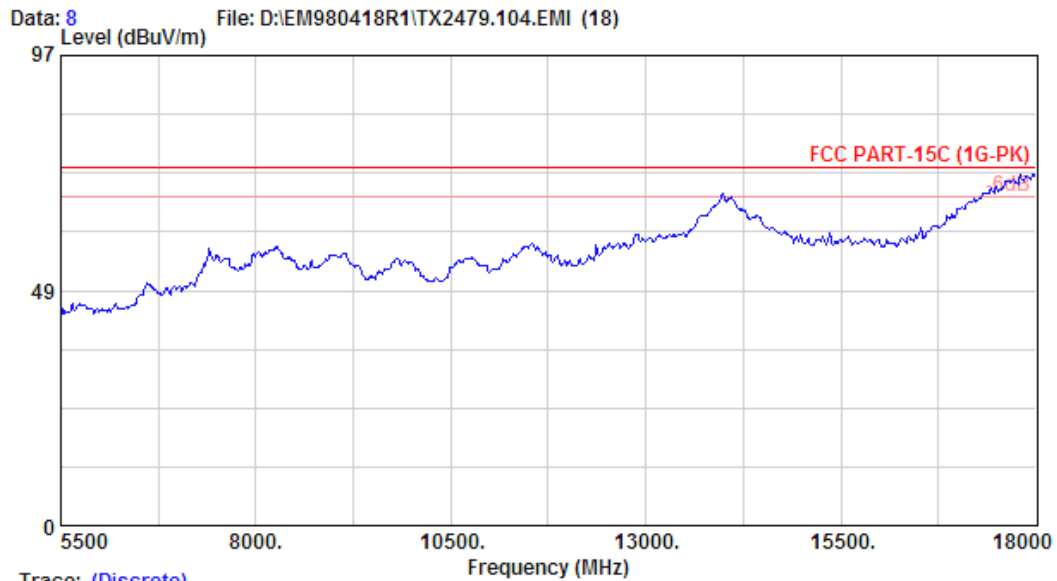


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 18
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-AV)		
Env. / Ins.	: 8564EC 25°C/51%	Engineer	: Jarwei Wang
EUT	: Radio Control M/N:JM912		
Power Rating	: DC 9.6V		
Test Mode	: TX2479.104MHz		

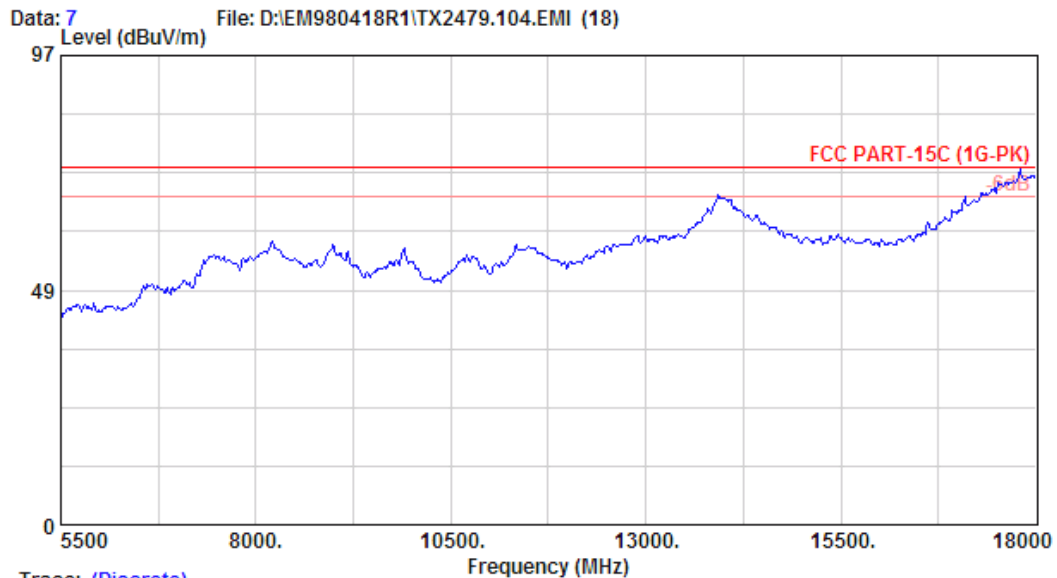


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 8
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25*C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2479.104MHz	

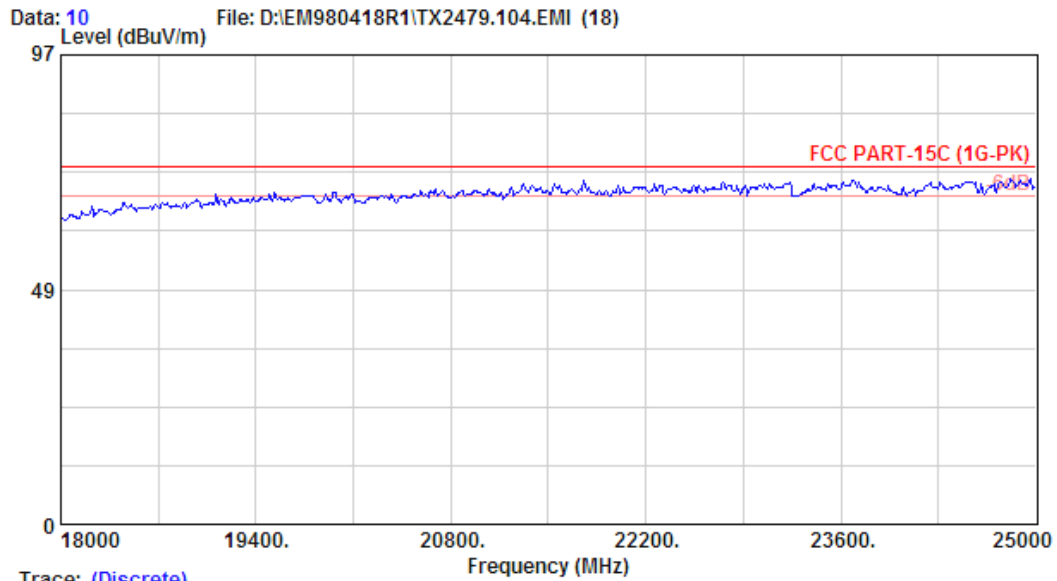


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 7
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25*C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2479.104MHz	

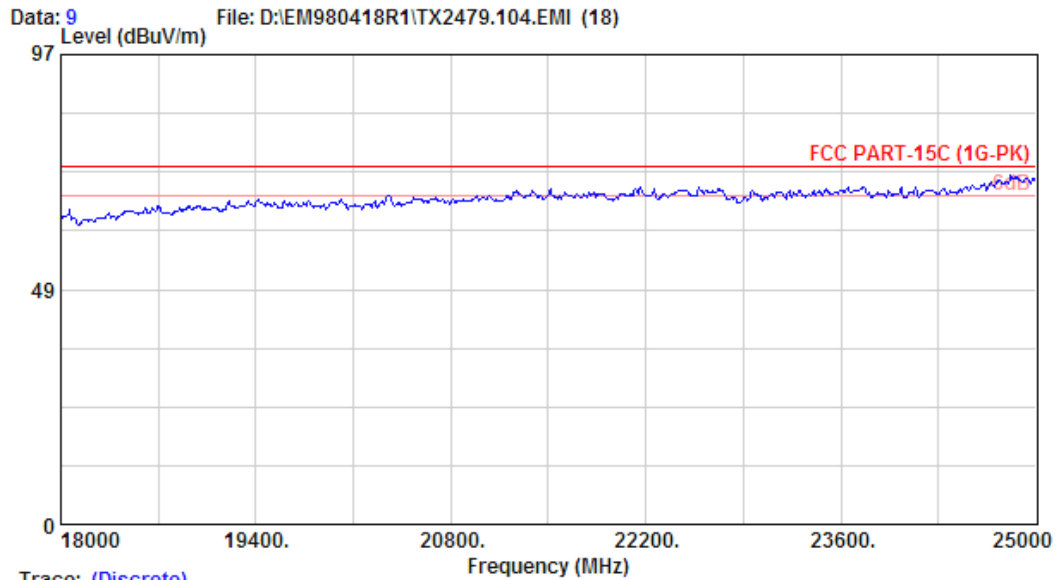


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Trace: (Discrete)

Site no. : site	Data no. : 10
Dis. / Ant. : 3m 3116	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2479.104MHz	

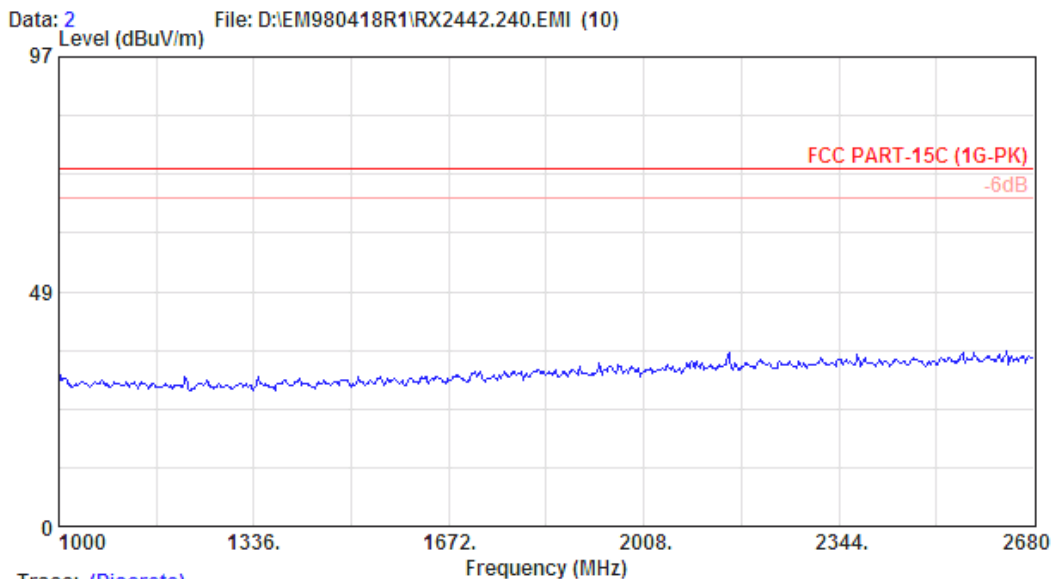


Trace: (Discrete)

Site no. : site	Data no. : 9
Dis. / Ant. : 3m 3116	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : TX2479.104MHz	

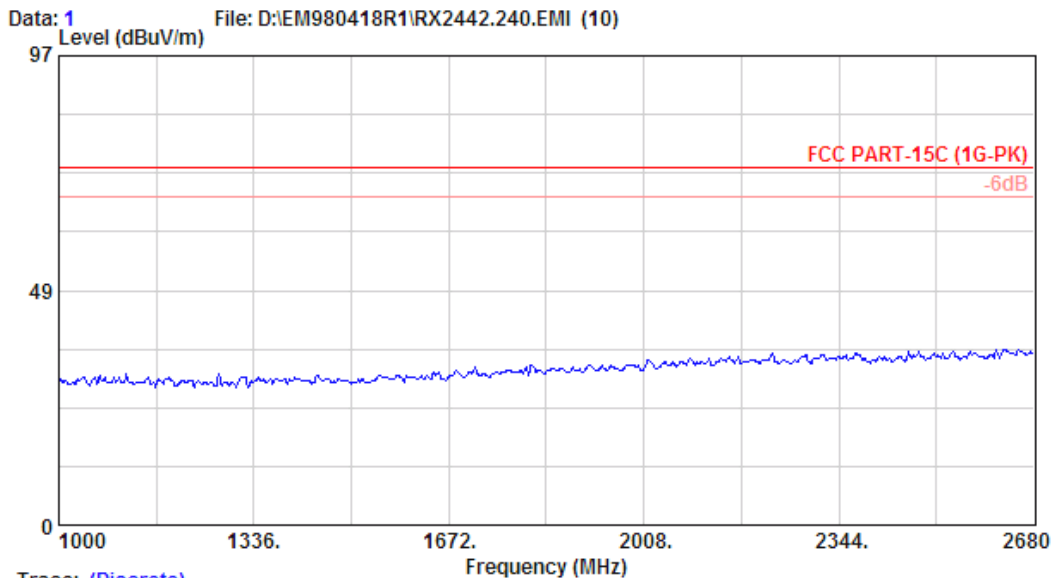


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 2
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : RX2442.240MHz	

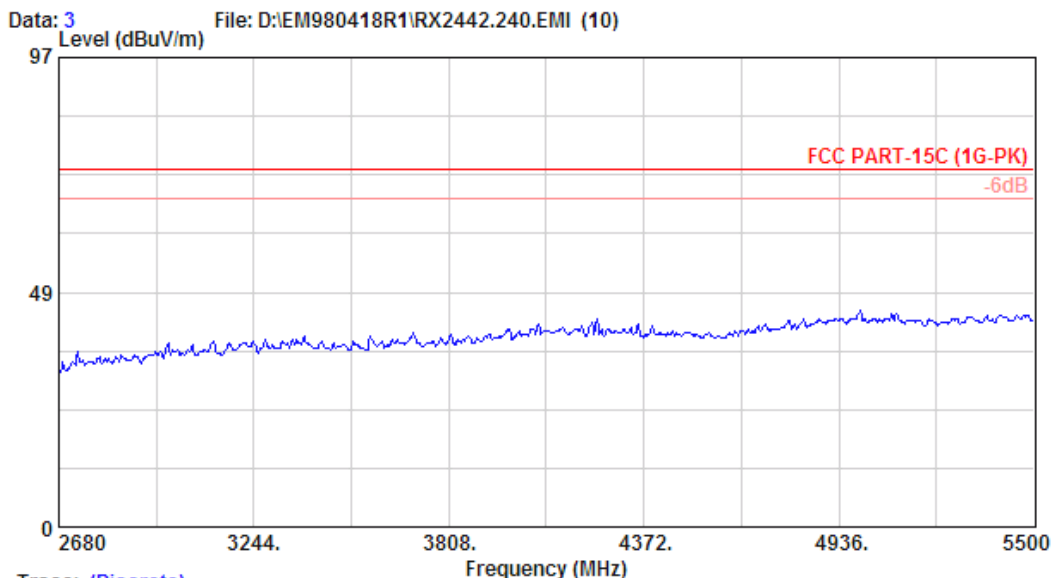


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 1
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : RX2442.240MHz	

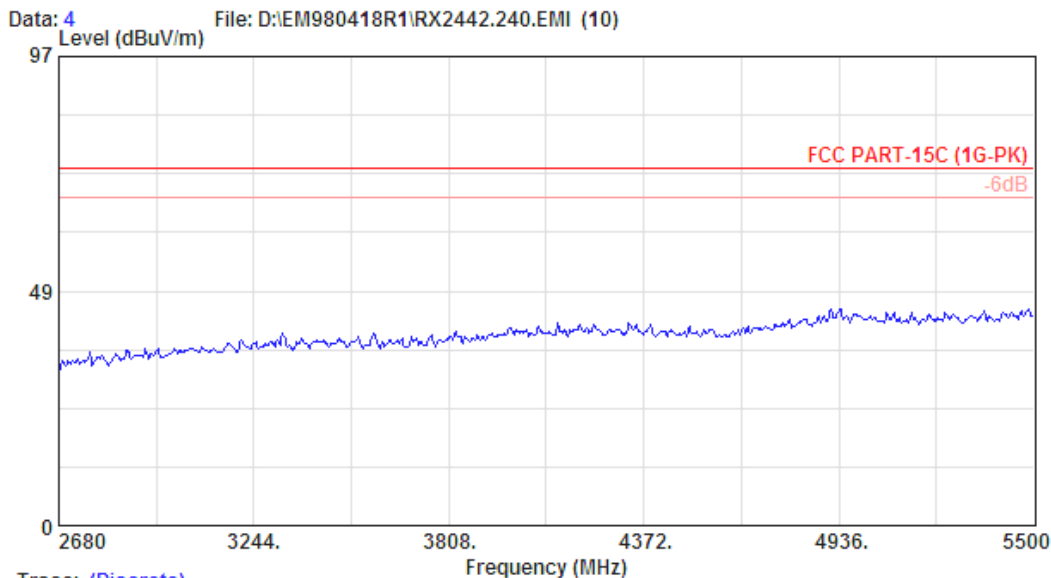


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 3
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : RX2442.240MHz	

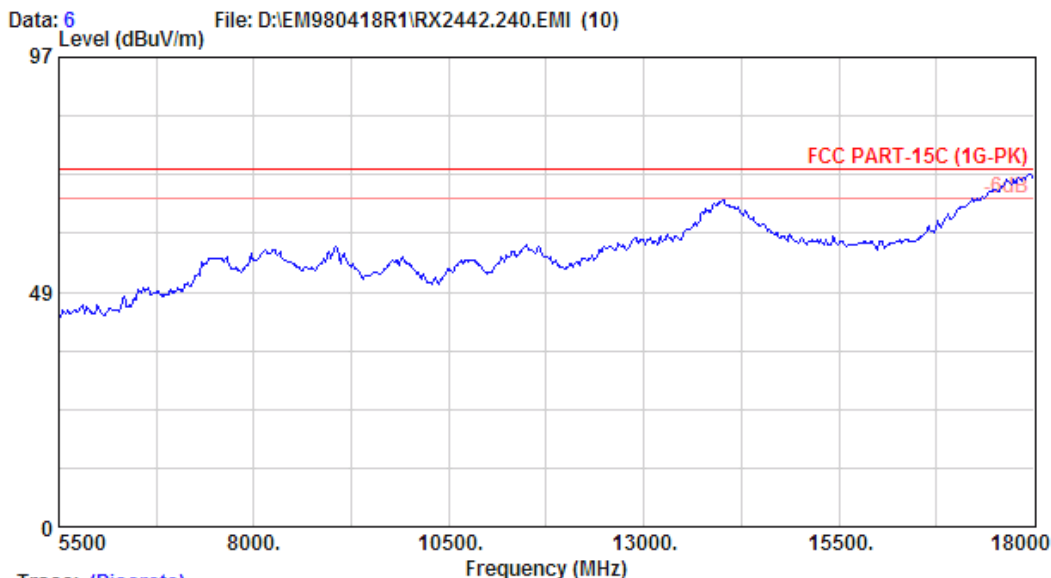


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 4
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : RX2442.240MHz	

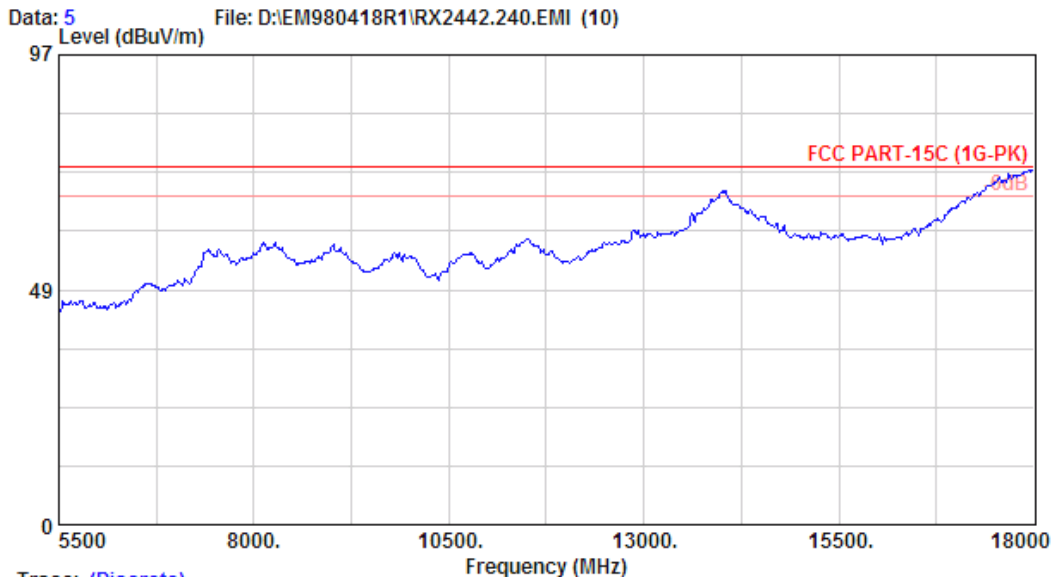


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 6
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : RX2442.240MHz	

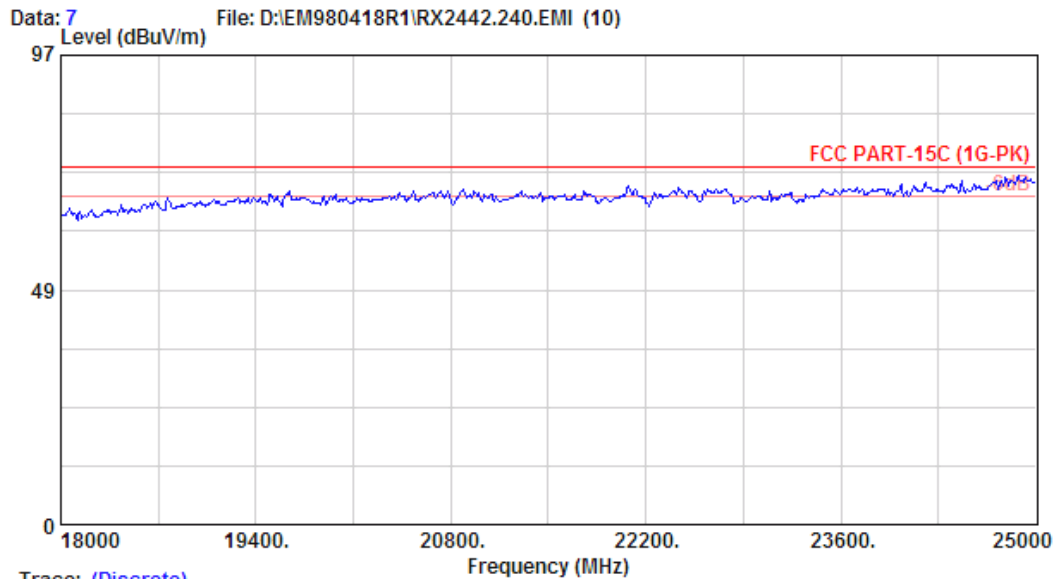


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 5
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : RX2442.240MHz	

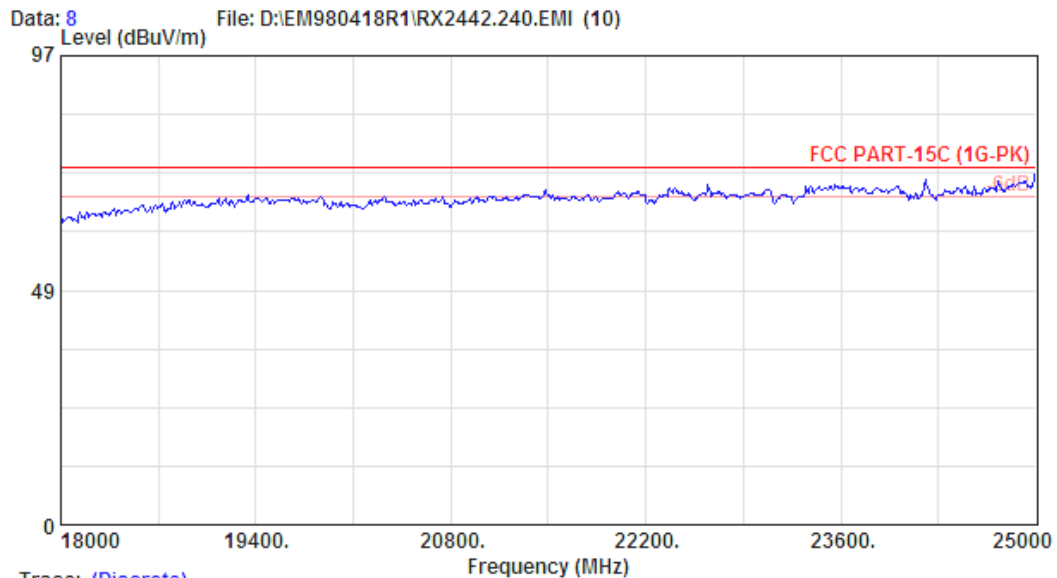


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Trace: (Discrete)

Site no. : site	Data no. : 7
Dis. / Ant. : 3m 3116	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : RX2442.240MHz	



Trace: (Discrete)

Site no. : site	Data no. : 8
Dis. / Ant. : 3m 3116	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : 8564EC 25°C/51%	Engineer : Jarwei Wang
EUT : Radio Control M/N:JM912	
Power Rating : DC 9.6V	
Test Mode : RX2442.240MHz	