

APPLICATION FOR CERTIFICATION

On Behalf of

Futaba Corporation

Radio Control

Model No. : T8FG

FCC ID : AZPT8FG-24G

Brand : Futaba

Prepared for : Futaba Corporation
1080 Yabutsuka Chosei-son Chosei-gun
Chiba, 299-4395 Japan.

Prepared by : AUDIX Technology Corporation
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Date of Test : Aug. 10 ~ 20, 2009
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APPENDIX I (Radiated Test Data for frequency rang above 1GHz at Semi-Anechoic Chamber)

TEST REPORT CERTIFICATION

Applicant : Futaba Corporation
 Manufacturer : Futaba Corporation
 EUT Description : Radio Control
 FCC ID : AZPT8FG-24G
 (A) Model No. : T8FG
 (B) Serial No. : N/A
 (C) Brand : Futaba
 (D) Power Supply : DC 7.2V
 (E) Test Voltage : (1) AC 120V/60Hz (Via Ni-MH Charger)
 (2) DC 7.2V (Via Ni-MH Battery)

Measurement Procedure Used:

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

(FCC CFR 47 Part 15B, §15.107 and §15.109)

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

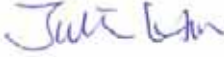
The device described above was tested by AUDIX Technology Corporation to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 15 subpart B & C limits.

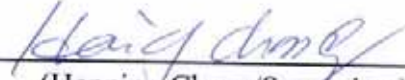
The measurement results are contained in this test report and AUDIX Technology Corporation is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the FCC official limits.

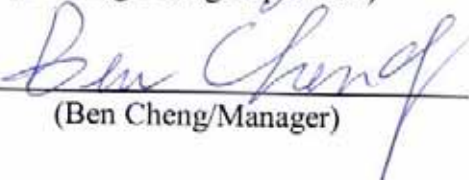
This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX Technology Corporation.

Date of Test : Aug. 10 ~ 20, 2009

Date of Report : Aug. 25, 2009

Producer : 
 (Julie Hsu/Assistant 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	:	T8FG
Serial Number	:	N/A
Brand	:	Futaba
FCC ID	:	AZPT8FG-24G
Applicant	:	Futaba Corporation 1080 Yabutsuka Chosei-son Chosei-gun Chiba, 299-4395 Japan.
Manufacturer	:	Futaba Corporation 1080 Yabutsuka Chosei-son Chosei-gun Chiba, 299-4395 Japan.
Radio Technology	:	DSSS Modulation
Frequency Band	:	2405.376MHz ~ 2477.056MHz
Tested Frequency	:	2405.376MHz (Channel 02) 2442.240MHz (Channel 38) 2477.056MHz (Channel 72)
Frequency Channel	:	36 channels
Antenna (Pencil Antenna)	:	Antenna Gain: 1.5dBi
Ni-MH Battery	:	Futaba, M/N HT6F1700B 7.2VDC, 1700mA
Ni-MH Charger	:	Futaba, M/N HBC-2B(4) DC Power Cord Link to EUT: Non-Shielded, Undetachable, 1.8m Link to Ni-Cd Battery: Non-Shielded, Undetachable, 1.8m
Date of Receipt of Sample	:	Jun. 29, 2009
Date of Test	:	Aug. 10 ~ 20, 2009

1.2. Tested Supporting System Details

1.2.1. Ni-Cd BATTERY

Model Number : NR5F600
 Serial Number : N/A
 Manufacturer : Futaba
 Capacity : 6VDC, 600mAh

1.2.2. POWER SOCKET

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 (C2/AC) : **No. 2 Shielded Room**
 No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,
 Taipei Hsien, Taiwan.

Semi-Anechoic Chamber
 No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,
 Taipei Hsien, Taiwan.

May 14, 2009 Renewal on
 Federal Communication Commission
 Registration Number: 90993

NVLAP Lab. Code : 200077-0

TAF Accreditation No : 1724

1.4. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty (dB), (V/m)
Conduction Test	150kHz~30MHz	±1.73dB
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

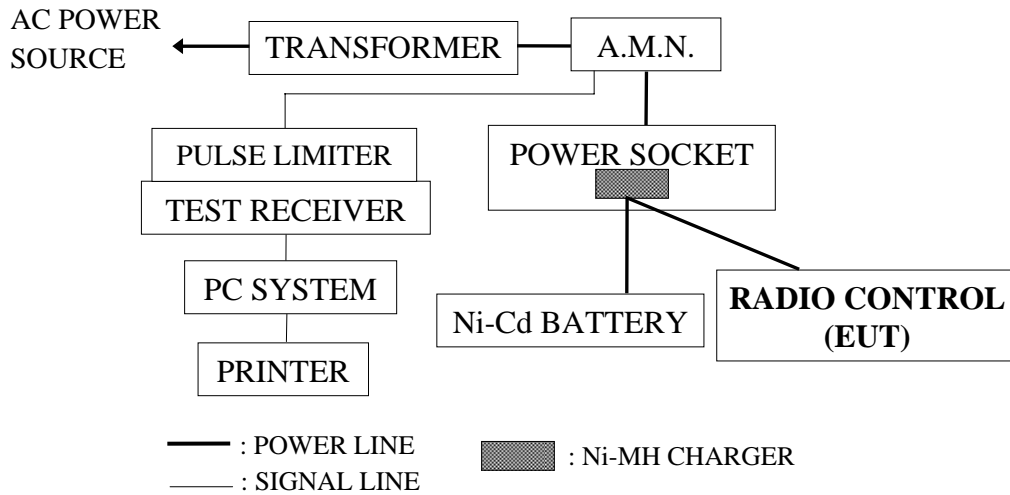
2. CONDUCTED EMISSION MEASUREMENT

2.1. Test Equipment

The following test equipment were used during the conducted measurement:
(No. 2 Shielded Room)

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Test Receiver	R&S	ESCS30	100339	Mar. 05, 09'	Mar. 04, 10'
2.	A.M.N.	R & S	ESH2-Z5	890485/023	Jan. 14, 09'	Jan. 13, 10'
3.	Pulse Limiter	R&S	ESH3-Z2	001	Feb. 20, 09'	Feb. 19, 10'

2.2. Block Diagram of Test Setup



2.3. Powerline Conducted Emission Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level	Average Level
150kHz ~ 500kHz	66 ~ 56 dB μ V	56 ~ 46 dB μ V
500kHz ~ 5MHz	56 dB μ V	46 dB μ V
5MHz ~ 30MHz	60 dB μ V	50 dB μ V

Remark 1.: If the average limit is met when using a Quasi-Peak detector, the EUT shall be deemed to meet both limits and measurement with the average detector is unnecessary.

2.: The lower limit applies at the band edges.

2.4. Operating Condition of EUT

- 2.4.1. Set up the EUT (Radio Control) and simulator as shown on 2.2.
- 2.4.2. To turn on the power of all equipments.
- 2.4.3. Both of EUT and Ni-Cd Battery were via Ni-MH charger and on charging status during all testing.

2.5. Test Procedure

The EUT (via Ni-Cd Charger) was put on table which was above the ground by 80cm and Ni-Cd Charger connected to the AC mains through an Artificial Mains Network (A.M.N.). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provided a 50 ohm coupling impedance for the measuring equipment. (Please refer to the block diagram of the test setup and photographs.)

Both sides of A.C. line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions simulators of the interface cables should be manipulated according to FCC ANSI C63.4-2003 during conducted measurement.

The bandwidth of the R&S Test Receiver ESCS30 was set at 9kHz.

The frequency range from 150kHz to 30MHz was checked.

All the final readings from Test Receiver were measured with the Quasi-Peak detector and Average detector. (Remark: If the Average limit is met when using a Quasi-Peak detector, the Average detector is unnecessary)

2.6. Conducted Emission Measurement Results

PASSED.

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

EUT (via Ni-MH Charger) was performed during this section testing and all the test results are attached in next pages.

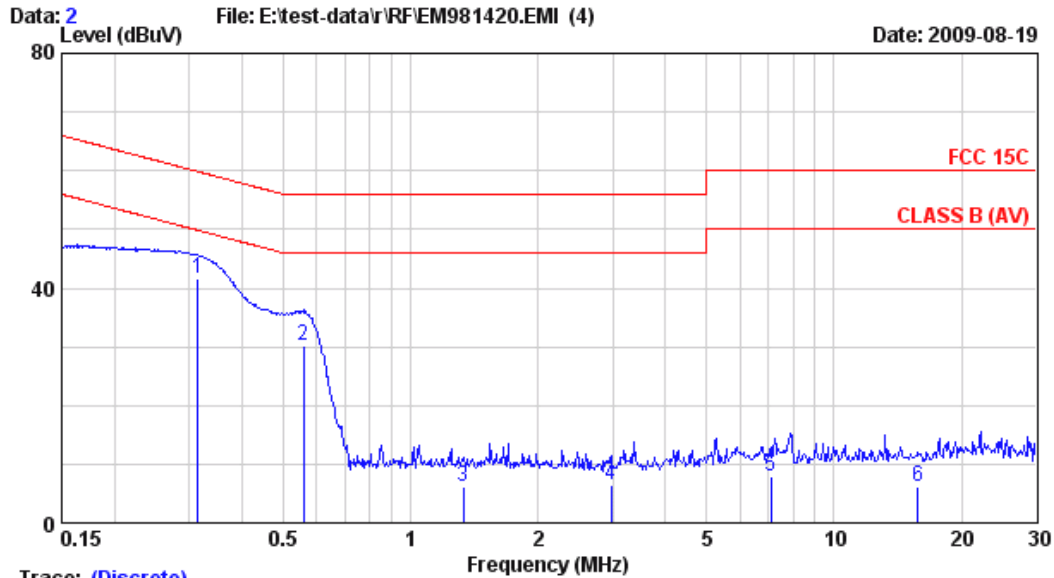
EUT : Radio Control M/N : T8FG

Test Date : Aug. 19, 2009 Temperature : 26 Humidity : 56%

Reference Test Data No.: Neutral: # 2 ; Line: # 1



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Trace: (Discrete)

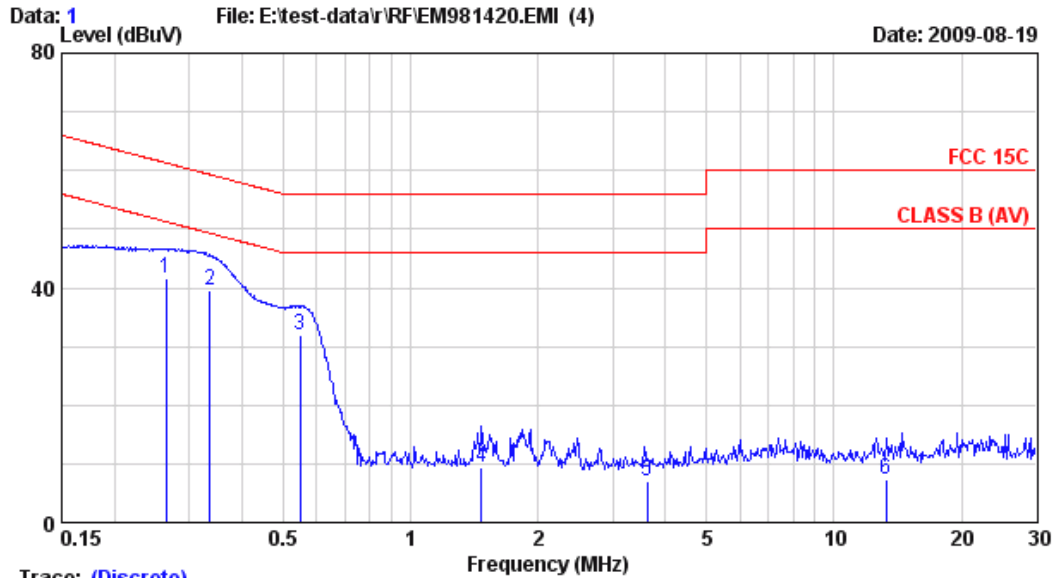
Site	: No.2 Shielded room	Data	: 2
Condition	: ESH2-Z5	Phase	: NEUTRAL
Limit	: FCC 15C	Engineer:	Albert_Liang
Env. / Ins.	: 26°C,56% / ESCS 30(339)		
EUT	: Radio Control M/N:T8FG		
Power Rating	: 120Vac/60Hz		
Test Mode	: CHARGE		

Freq. (MHz)	LISN		Emission		Limits (dBμV)	Margin (dB)	Remark
	Factor (dB)	Cable Loss (dB)	Reading (dBμV)	Level (dBμV)			
1	0.10	0.30	41.17	41.57	59.84	18.27	QP
2	0.14	0.35	29.76	30.25	56.00	25.75	QP
3	0.20	0.40	5.47	6.07	56.00	49.93	QP
4	0.20	0.40	5.71	6.31	56.00	49.69	QP
5	0.26	0.59	7.03	7.88	60.00	52.12	QP
6	0.42	0.70	4.99	6.11	60.00	53.89	QP

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
 2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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Trace: (Discrete)

Site	: No.2 Shielded room	Data	: 1
Condition	: ESH2-Z5	Phase	: LINE
Limit	: FCC 15C	Engineer:	Albert_Liang
Env. / Ins.	: 26°C,56% / ESCS 30(339)		
EUT	: Radio Control M/N:T8FG		
Power Rating	: 120Vac/60Hz		
Test Mode	: CHARGE		

Freq. (MHz)	LISN		Emission		Limits (dBμV)	Margin (dB)	Remark
	Factor (dB)	Cable Loss (dB)	Reading (dBμV)	Level (dBμV)			
1	0.10	0.28	41.22	41.60	61.29	19.69	QP
2	0.10	0.30	39.17	39.57	59.31	19.74	QP
3	0.13	0.35	31.47	31.95	56.00	24.05	QP
4	0.20	0.40	8.77	9.37	56.00	46.63	QP
5	0.20	0.40	6.32	6.92	56.00	49.08	QP
6	0.37	0.70	6.32	7.39	60.00	52.61	QP

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
 2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

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'

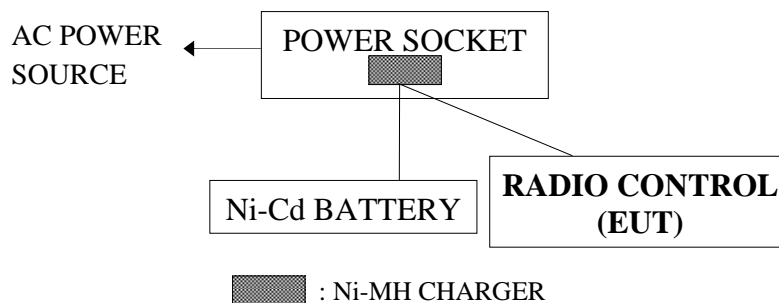
3.1.2. For Frequency Above 1GHz (at Semi-Anechoic Chamber)

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	3008A00529	Dec. 31, 08'	Dec. 30, 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 15, 09'	May 14, 10'
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

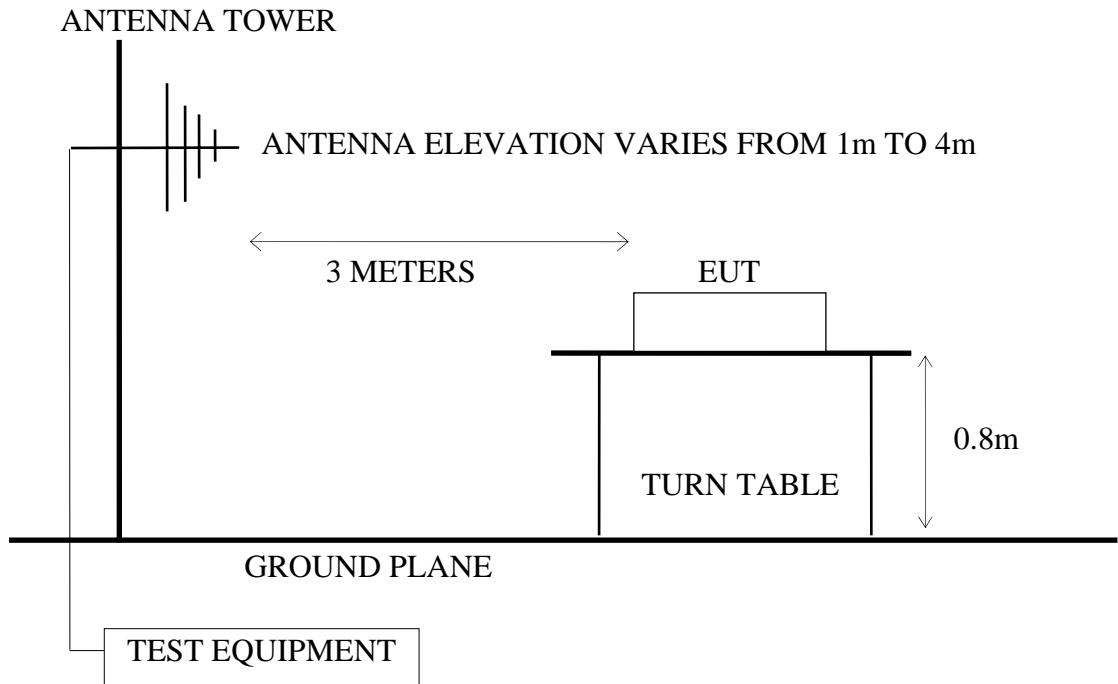
3.2.1.1. Test Mode: Charge



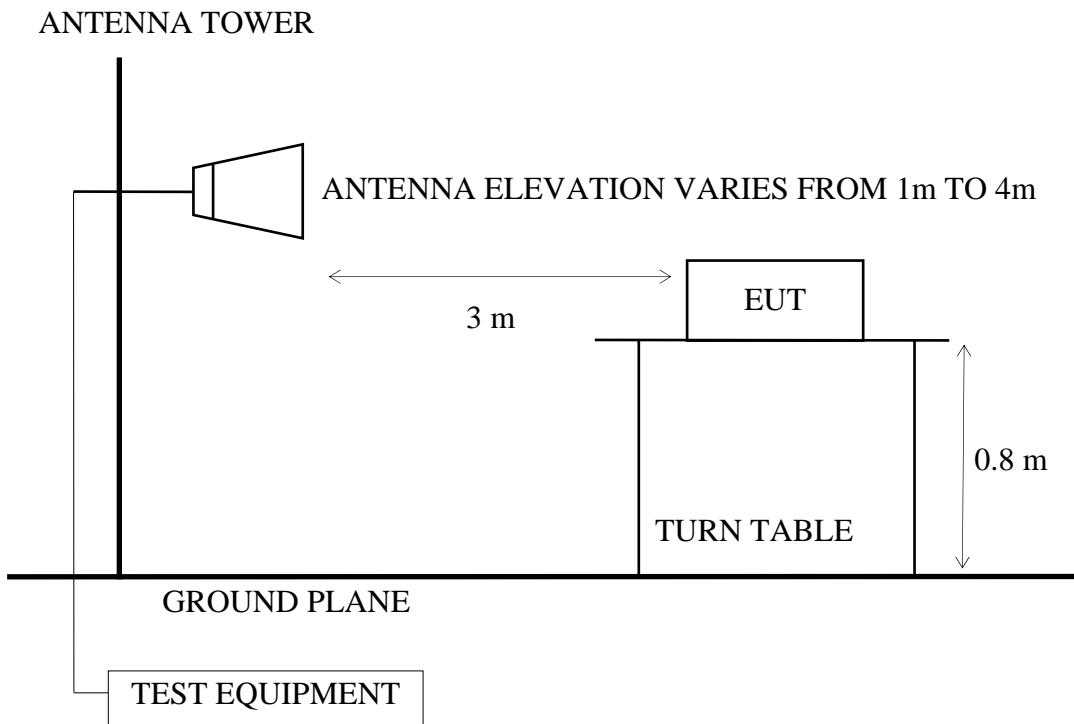
3.2.1.2. Test Modes: Transmit and Receive

RADIO CONTROL (EUT)

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. Charge Mode: Both of EUT and Ni-Cd Battery were via Ni-MH charger and on charging status during all testing.
- 3.4.5. Transmit Mode: The EUT was set to continuously transmit signals at 2405.376MHz, 2442.240MHz and 2477.056MHz during testing.
- 3.4.6. 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 : T8FG

Test Date : Aug. 20, 2009 Temperature : 26 Humidity : 53%

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	Test Voltage	Channel	Frequency	Test Mode	Position	Reference Test Data	
						Horizontal	Vertical
1.	AC 120V/60Hz	--	--	Charge	--	# 2	# 1
2.	DC 7.2V	02	2405.376MHz	Transmit	Stand	# 12	# 11
3.		38	2442.240MHz	Transmit	Stand	# 11	# 12
4.		72	2477.056MHz	Transmit	Stand	# 12	# 11
5.		38	2442.240MHz	Receive	Stand	# 9	# 10

* 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	Test Voltage	Channel	Frequency	Test Mode	Position
1.	DC 7.2V	02	2405.376MHz	Transmit	Stand
2.		38	2442.240MHz	Transmit	Stand
3.		72	2477.056MHz	Transmit	Stand
4.		38	2442.240MHz	Receive	Stand

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

For Restricted Bands:

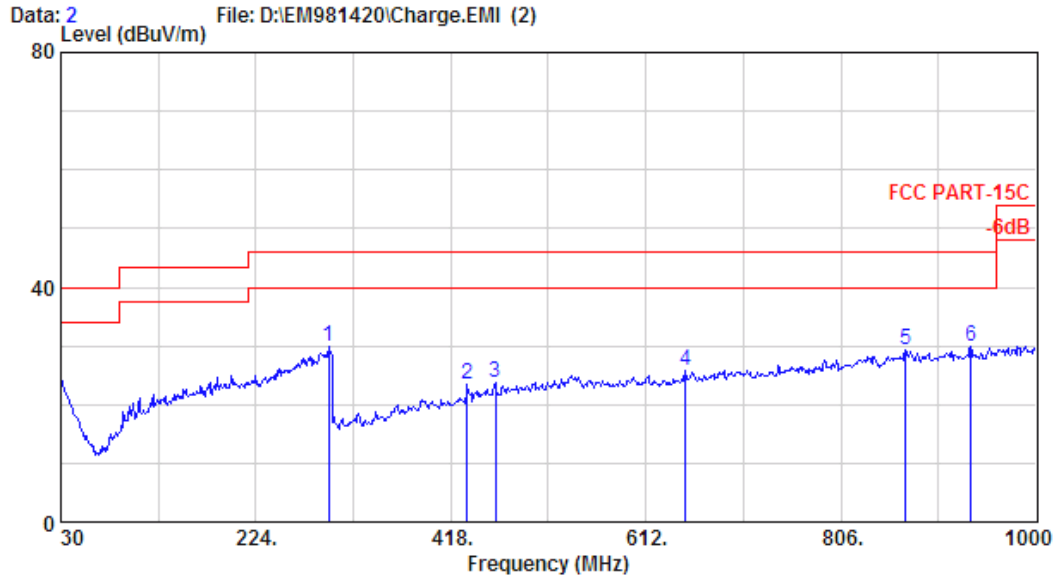
The EUT was tested in restricted bands and all the test results are listed in section 3.6.3. (The restricted bands defined in part 15.205(a))

Mode	Channel	Frequency	Test Mode	Reference Test Data	
				Horizontal	Vertical
1.	02	2405.376MHz	Transmit	# 2, #3	#1, #4
2.	72	2477.056MHz	Transmit	#7, #6	#8, #5

3.6.1. Frequency Range 30-1000MHz



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Site no. : site Data no. : 2
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26°C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : 120Vac/60Hz
 Test Mode : Charge

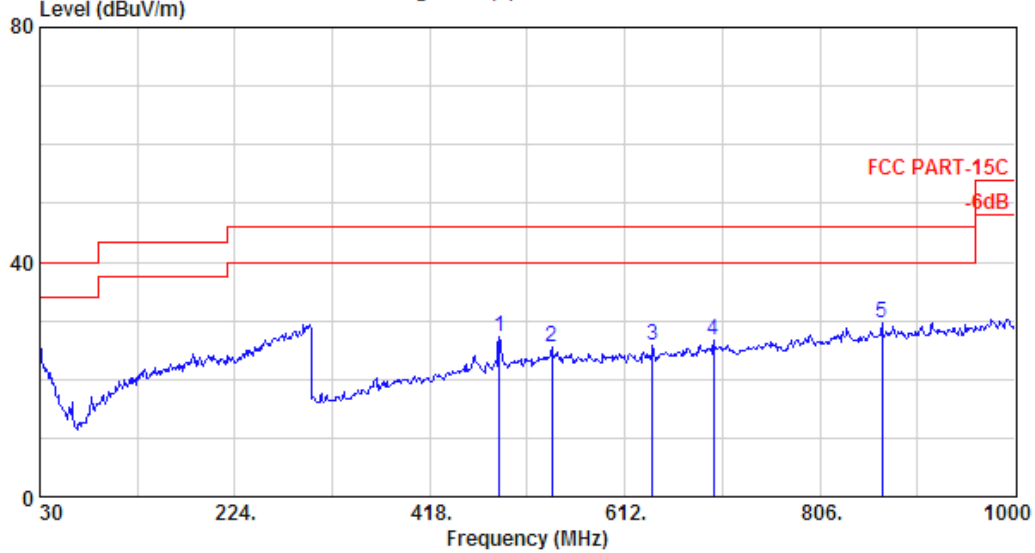
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	296.750	26.59	4.00	-0.64	29.95	46.00	16.05	
2	434.490	17.36	5.24	0.73	23.32	46.00	22.68	
3	462.620	17.99	5.70	0.18	23.87	46.00	22.13	
4	651.770	21.72	6.30	-2.17	25.85	46.00	20.15	
5	870.020	25.71	7.20	-3.57	29.34	46.00	16.66	
6	935.010	25.42	7.50	-2.97	29.95	46.00	16.05	

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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 Email:ttemc@ttemc.com.tw

Data: 1 File: D:\EM981420\Charge.EMI (2)



Site no. : site Data no. : 1
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : 120Vac/60Hz
 Test Mode : Charge

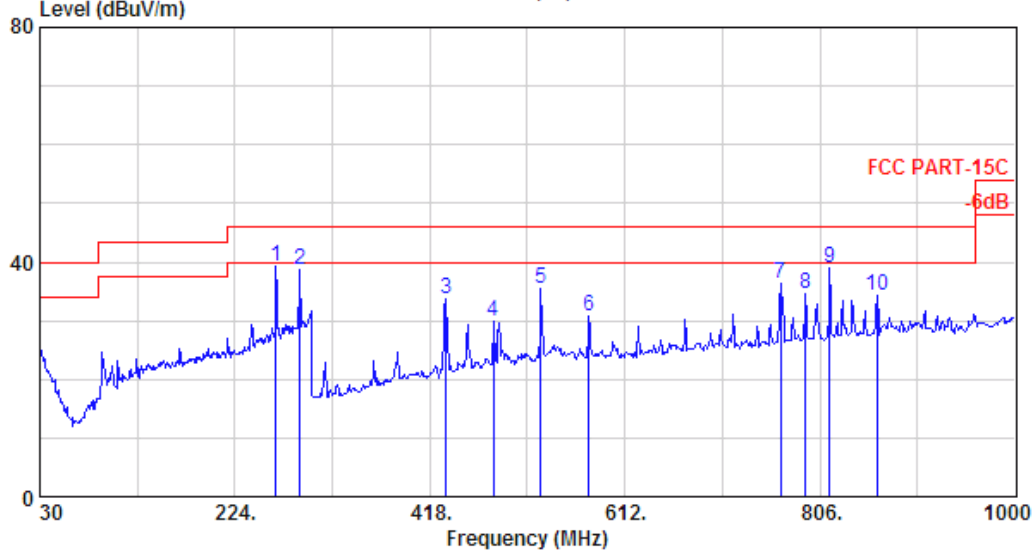
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	486.870	18.67	6.20	2.29	27.16	46.00	18.84	
2	539.250	19.34	7.10	-1.02	25.43	46.00	20.57	
3	639.160	20.95	6.28	-1.36	25.88	46.00	20.12	
4	700.270	23.46	6.50	-3.26	26.71	46.00	19.29	
5	868.080	25.89	7.20	-3.57	29.52	46.00	16.48	

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:\EM981420\TX2405.376.EMI (18)



Site no. : site Data no. : 12
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2405.376MHz

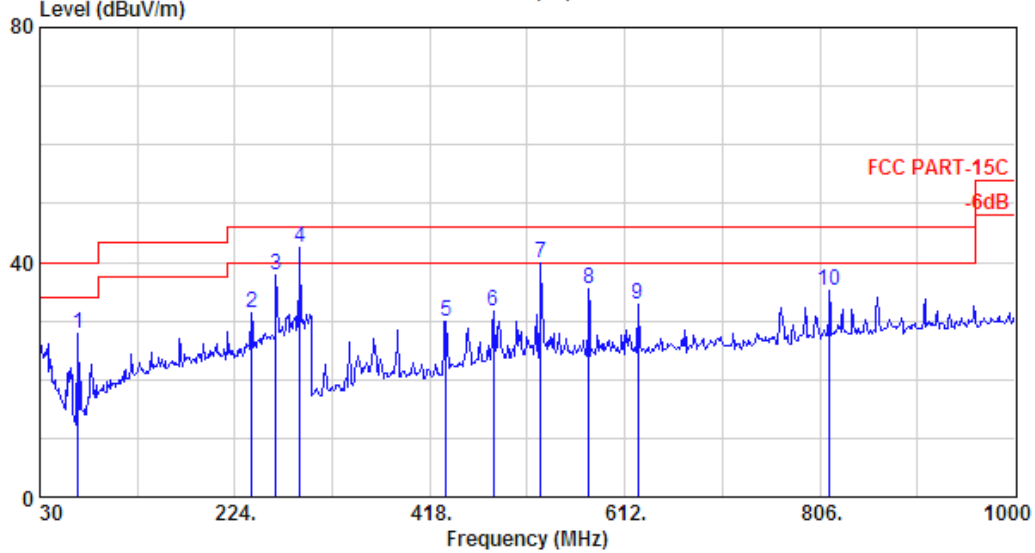
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	264.740	24.62	3.70	11.02	39.34	46.00	6.66	
2	288.990	25.97	3.80	8.85	38.61	46.00	7.39	
3	434.490	17.36	5.24	11.11	33.70	46.00	12.30	
4	481.050	18.74	6.10	5.11	29.95	46.00	16.05	
5	528.580	19.69	6.90	8.89	35.48	46.00	10.52	
6	576.110	21.05	6.40	3.33	30.78	46.00	15.22	
7	767.200	23.86	6.80	5.54	36.19	46.00	9.81	
8	791.450	23.94	6.90	3.65	34.48	46.00	11.52	
9	815.700	23.89	7.00	8.11	39.01	46.00	6.99	
10	863.230	26.09	7.20	1.02	34.31	46.00	11.69	

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:\EM981420\TX2405.376.EMI (18)



Site no. : site Data no. : 11
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2405.376MHz

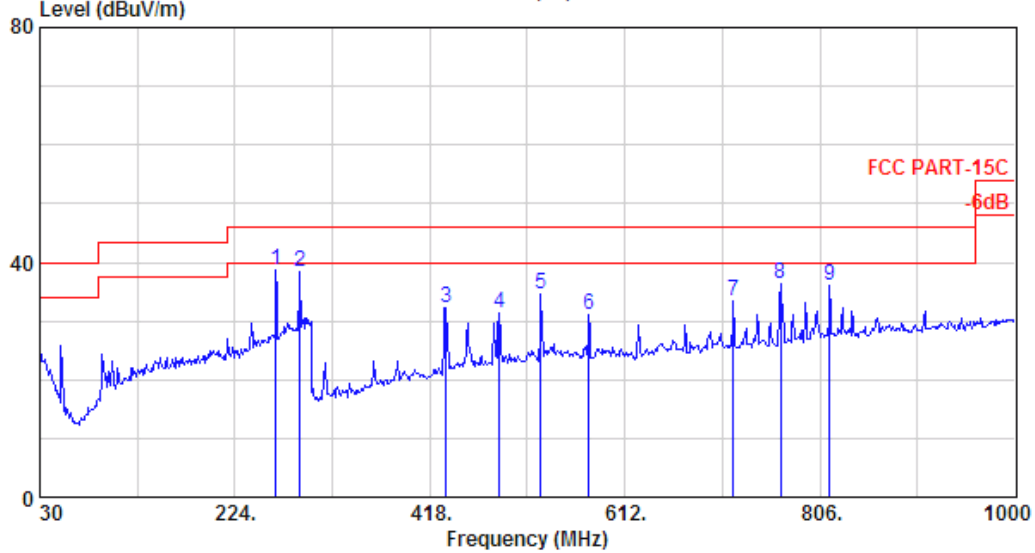
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	67.830	11.84	1.70	14.33	27.87	40.00	12.13	
2	240.490	23.10	3.40	4.81	31.31	46.00	14.69	
3	264.740	24.62	3.70	9.51	37.83	46.00	8.17	
4	288.990	25.97	3.80	12.59	42.35	46.00	3.65	
5	434.490	17.36	5.24	7.41	30.00	46.00	16.00	
6	481.050	18.74	6.10	6.71	31.55	46.00	14.45	
7	528.580	19.69	6.90	13.24	39.83	46.00	6.17	
8	576.110	21.05	6.40	8.01	35.46	46.00	10.54	
9	624.610	21.31	6.20	5.19	32.70	46.00	13.30	
10	815.700	23.89	7.00	4.30	35.20	46.00	10.80	

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:\EM981420\TX2442.240.EMI (18)



Site no. : site Data no. : 11
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2442.240MHz

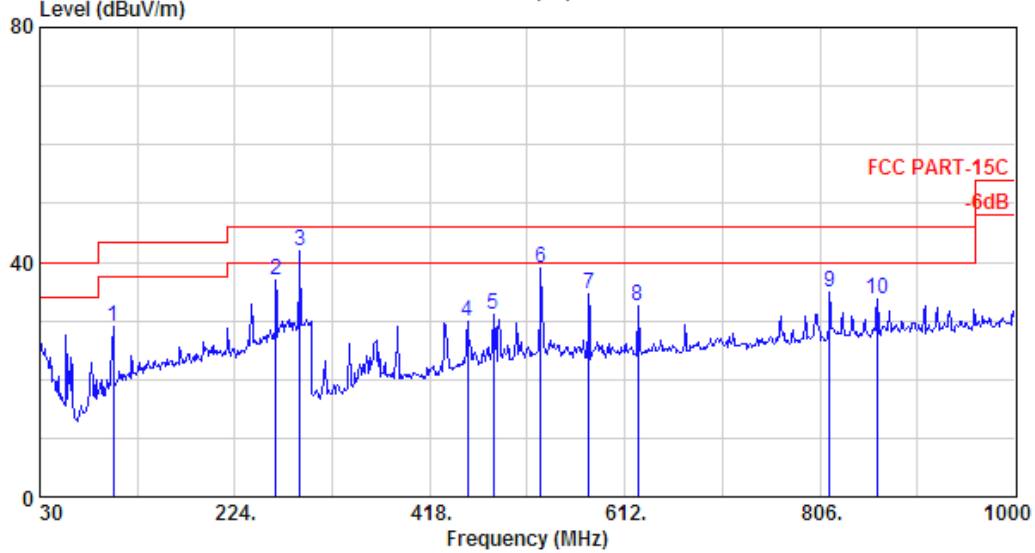
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	264.740	24.62	3.70	10.49	38.81	46.00	7.19	
2	288.990	25.97	3.80	8.64	38.40	46.00	7.60	
3	434.490	17.36	5.24	9.66	32.25	46.00	13.75	
4	486.870	18.67	6.20	6.59	31.46	46.00	14.54	
5	528.580	19.69	6.90	8.09	34.68	46.00	11.32	
6	576.110	21.05	6.40	3.65	31.10	46.00	14.90	
7	719.670	22.30	6.60	4.42	33.32	46.00	12.68	
8	767.200	23.86	6.80	5.83	36.48	46.00	9.52	
9	815.700	23.89	7.00	5.10	36.00	46.00	10.00	

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:\EM981420\TX2442.240.EMI (18)



Site no. : site Data no. : 12
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2442.240MHz

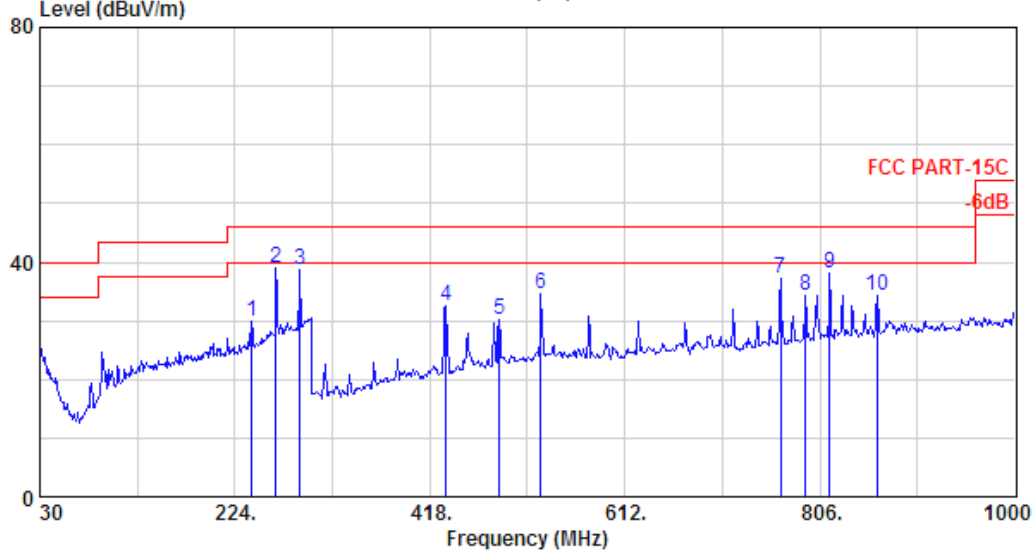
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	102.750	17.40	2.10	9.45	28.95	43.50	14.55	
2	264.740	24.62	3.70	8.47	36.79	46.00	9.21	
3	288.990	25.97	3.80	12.03	41.79	46.00	4.21	
4	455.830	17.75	5.50	6.50	29.75	46.00	16.25	
5	481.050	18.74	6.10	6.09	30.93	46.00	15.07	
6	528.580	19.69	6.90	12.36	38.95	46.00	7.05	
7	576.110	21.05	6.40	7.05	34.50	46.00	11.50	
8	624.610	21.31	6.20	5.07	32.58	46.00	13.42	
9	815.700	23.89	7.00	3.90	34.80	46.00	11.20	
10	863.230	26.09	7.20	0.34	33.63	46.00	12.37	

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:\EM981420\TX2477.056.EMI (18)



Site no. : site Data no. : 12
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2477.056MHz

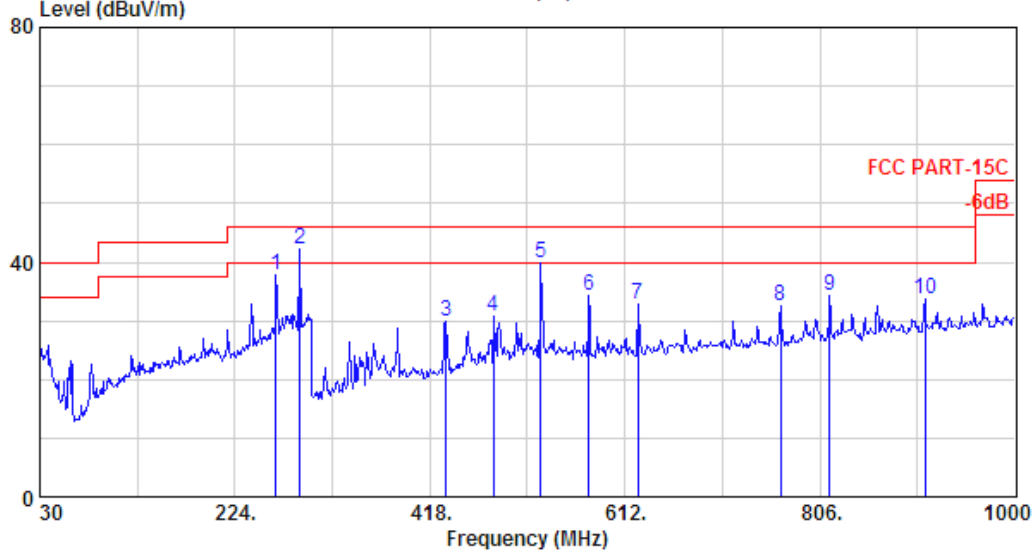
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	240.490	23.10	3.40	3.29	29.79	46.00	16.21	
2	264.740	24.62	3.70	10.60	38.92	46.00	7.08	
3	288.990	25.97	3.80	8.96	38.72	46.00	7.28	
4	434.490	17.36	5.24	9.85	32.44	46.00	13.56	
5	486.870	18.67	6.20	5.38	30.25	46.00	15.75	
6	528.580	19.69	6.90	8.04	34.63	46.00	11.37	
7	767.200	23.86	6.80	6.42	37.07	46.00	8.93	
8	791.450	23.94	6.90	3.50	34.33	46.00	11.67	
9	815.700	23.89	7.00	7.27	38.17	46.00	7.83	
10	863.230	26.09	7.20	0.99	34.28	46.00	11.72	

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:\EM981420\TX2477.056.EMI (18)



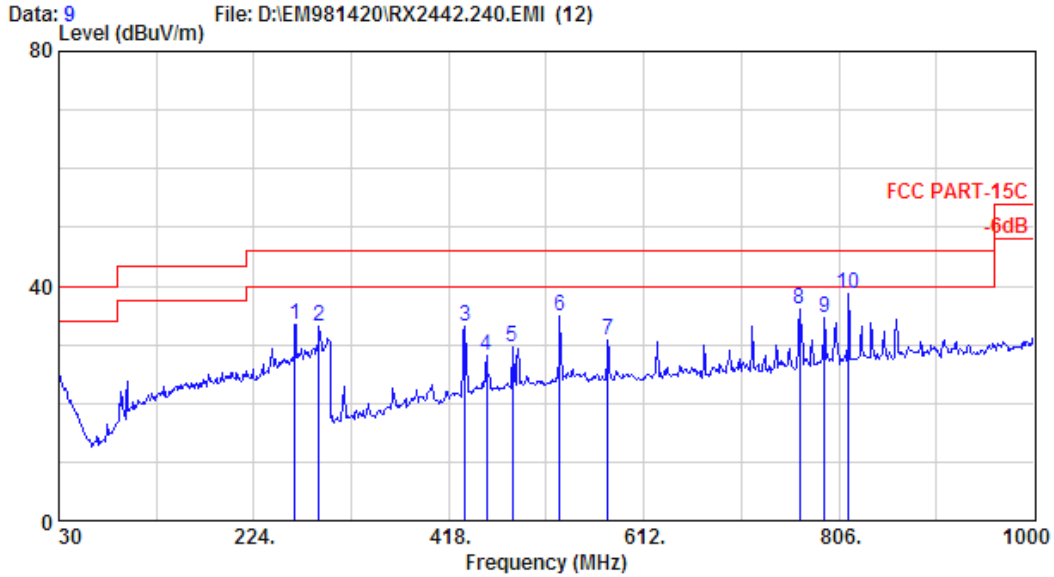
Site no. : site Data no. : 11
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2477.056MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	264.740	24.62	3.70	9.51	37.83	46.00	8.17	
2	288.990	25.97	3.80	12.50	42.26	46.00	3.74	
3	434.490	17.36	5.24	7.17	29.76	46.00	16.24	
4	481.050	18.74	6.10	5.91	30.75	46.00	15.25	
5	528.580	19.69	6.90	13.13	39.72	46.00	6.28	
6	576.110	21.05	6.40	6.91	34.36	46.00	11.64	
7	624.610	21.31	6.20	5.21	32.72	46.00	13.28	
8	767.200	23.86	6.80	1.99	32.64	46.00	13.36	
9	815.700	23.89	7.00	3.37	34.27	46.00	11.73	
10	910.760	25.03	7.40	1.24	33.67	46.00	12.33	

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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Site no. : site Data no. : 9
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : RX2442.240MHz

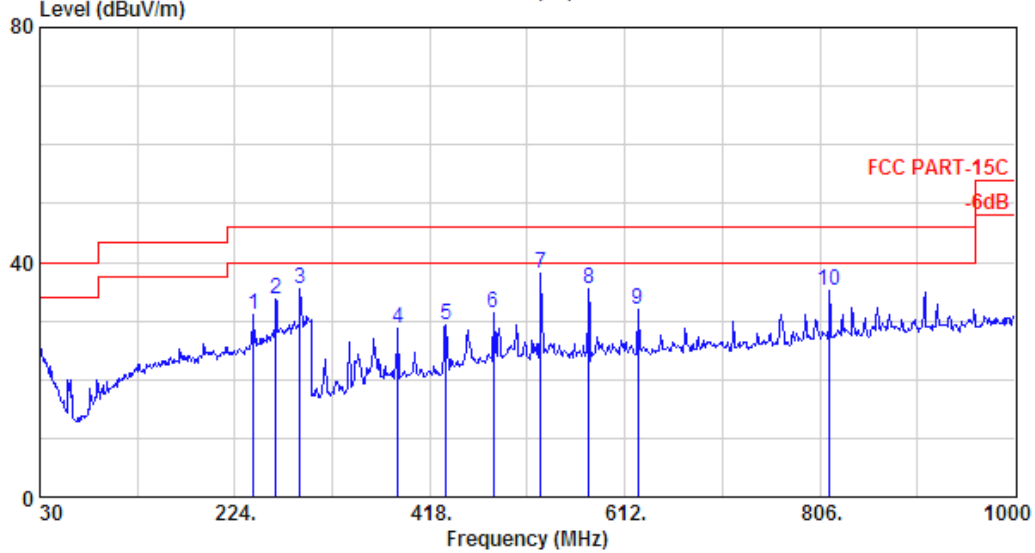
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	264.740	24.62	3.70	5.07	33.39	46.00	12.61	
2	288.990	25.97	3.80	3.45	33.22	46.00	12.78	
3	434.490	17.36	5.24	10.43	33.02	46.00	12.98	
4	455.830	17.75	5.50	4.75	28.00	46.00	18.00	
5	481.050	18.74	6.10	4.90	29.74	46.00	16.26	
6	528.580	19.69	6.90	8.26	34.85	46.00	11.15	
7	576.110	21.05	6.40	3.38	30.83	46.00	15.17	
8	767.200	23.86	6.80	5.31	35.96	46.00	10.04	
9	791.450	23.94	6.90	3.72	34.55	46.00	11.45	
10	815.700	23.89	7.00	7.92	38.82	46.00	7.18	

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: 10 File: D:\EM981420\RX2442.240.EMI (12)



Site no. : site Data no. : 10
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : RX2442.240MHz

	Freq.	Ant.	Cable	Emission		Limits	Margin	Remark
	(MHz)	Factor	Loss	Reading	Level	(dBuV/m)	(dB)	
		(dB/m)	(dB)	(dBuV)	(dBuV/m)			
1	242.430	23.23	3.40	4.37	31.01	46.00	14.99	
2	264.740	24.62	3.70	5.28	33.60	46.00	12.40	
3	288.990	25.97	3.80	5.68	35.45	46.00	10.55	
4	385.990	17.41	4.70	6.54	28.66	46.00	17.34	
5	434.490	17.36	5.24	6.59	29.18	46.00	16.82	
6	481.050	18.74	6.10	6.48	31.32	46.00	14.68	
7	528.580	19.69	6.90	11.37	37.96	46.00	8.04	
8	576.110	21.05	6.40	8.05	35.50	46.00	10.50	
9	624.610	21.31	6.20	4.54	32.05	46.00	13.95	
10	815.700	23.89	7.00	4.13	35.03	46.00	10.97	

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 : Aug. 20, 2009 Temperature : 26

EUT : Radio Control Humidity : 53%

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	1241.920	25.31	4.66	12.05	42.02	74.00	31.98
	1608.160	25.98	6.21	21.37	53.56	74.00	20.44
	2355.760	28.53	6.29	10.71	45.53	74.00	28.47
	3210.640	31.21	7.36	14.18	52.75	74.00	21.25
	4010.500	32.90	8.51	11.54	52.95	74.00	21.05
	4811.500	33.64	9.14	10.28	53.06	74.00	20.94
Average	1241.920	25.31	4.66	7.43	37.40	54.00	16.60
	1608.160	25.98	6.21	14.73	46.92	54.00	7.08
	2355.760	28.53	6.29	5.53	40.35	54.00	13.65
	3210.640	31.21	7.36	7.65	46.22	54.00	7.78
	4010.500	32.90	8.51	2.51	43.92	54.00	10.08
	4811.500	33.64	9.14	2.59	45.37	54.00	8.63

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	1603.120	25.95	6.18	21.08	53.21	74.00	20.79
	2355.760	28.53	6.29	14.69	49.51	74.00	24.49
	2644.720	29.40	6.71	15.59	51.70	74.00	22.30
	2689.240	29.59	6.76	10.18	46.53	74.00	27.47
	3206.680	31.19	7.36	15.38	53.93	74.00	20.07
	4010.500	32.90	8.51	9.23	50.64	74.00	23.36
	4813.000	33.64	9.14	10.63	53.41	74.00	20.59
Average	1603.120	25.95	6.18	14.09	46.22	54.00	7.78
	2355.760	28.53	6.29	9.36	44.18	54.00	9.82
	2644.720	29.40	6.71	9.46	45.57	54.00	8.43
	2689.240	29.59	6.76	7.15	43.50	54.00	10.50
	3206.680	31.19	7.36	7.81	46.36	54.00	7.64
	4010.500	32.90	8.51	2.07	43.48	54.00	10.52
	4813.000	33.64	9.14	2.80	45.58	54.00	8.42

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.

Date of Test : Aug. 20, 2009 Temperature : 26

EUT : Radio Control Humidity : 53%

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	1633.360	26.12	6.38	14.57	47.07	74.00	26.93
	2653.120	29.47	6.71	3.80	39.98	74.00	34.02
	3259.480	31.29	7.40	6.95	45.64	74.00	28.36
	4073.500	32.89	8.53	8.59	50.01	74.00	23.99
	4888.000	33.82	9.16	8.70	51.68	74.00	22.32
Average	1633.360	26.12	6.38	8.98	41.48	54.00	12.52
	2653.120	29.47	6.71	-1.60	34.58	54.00	19.42
	3259.480	31.29	7.40	1.72	40.41	54.00	13.59
	4073.500	32.89	8.53	2.86	44.28	54.00	9.72
	4888.000	33.82	9.16	2.06	45.04	54.00	8.96

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	6.35	15.77	48.22	74.00	25.78
	1796.320	26.91	6.92	5.18	39.01	74.00	34.99
	2350.720	28.53	6.29	8.13	42.95	74.00	31.05
	2658.160	29.47	6.71	9.30	45.48	74.00	28.52
	2702.440	29.66	6.79	4.34	40.79	74.00	33.21
	3256.840	31.29	7.40	14.97	53.66	74.00	20.34
	4073.500	32.89	8.53	6.35	47.77	74.00	26.23
	4885.000	33.82	9.15	10.76	53.73	74.00	20.27
Average	1628.320	26.10	6.36	11.00	43.46	54.00	10.54
	1796.320	26.91	6.92	0.88	34.71	54.00	19.29
	2350.720	28.53	6.29	1.96	36.78	54.00	17.22
	2658.160	29.47	6.71	4.40	40.58	54.00	13.42
	2702.440	29.66	6.79	-0.83	35.62	54.00	18.38
	3256.740	31.29	7.40	8.60	47.29	54.00	6.71
	4073.500	32.89	8.53	1.07	42.49	54.00	11.51
	4885.000	33.82	9.15	2.32	45.29	54.00	8.71

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 : Aug. 20, 2009 Temperature : 26
 EUT : Radio Control Humidity : 53%
 Test Mode : Transmit, Channel: 72 (Frequency: 2477.056MHz), 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	6.52	14.99	47.73	74.00	26.27
	1796.320	26.91	6.92	4.98	38.81	74.00	35.19
	2322.160	28.46	6.25	9.30	44.01	74.00	29.99
	2666.560	29.50	6.73	8.50	44.73	74.00	29.27
	2689.240	29.59	6.76	7.25	43.60	74.00	30.40
	2711.680	29.68	6.80	6.95	43.43	74.00	30.57
	3305.680	31.38	7.47	9.98	48.83	74.00	25.17
	4130.500	32.87	8.54	9.50	50.91	74.00	23.09
	4955.500	33.99	9.10	8.86	51.95	74.00	22.05
Average	1653.620	26.22	6.52	8.85	41.59	54.00	12.41
	1796.320	26.91	6.92	0.35	34.18	54.00	19.82
	2322.160	28.46	6.25	2.76	37.47	54.00	16.53
	2666.560	29.50	6.73	2.18	38.41	54.00	15.59
	2689.240	29.59	6.76	1.36	37.71	54.00	16.29
	2711.680	29.69	6.80	0.00	36.49	54.00	17.51
	3305.680	31.38	7.47	5.44	44.29	54.00	9.71
	4130.500	32.87	8.54	2.15	43.56	54.00	10.44
	4955.500	33.99	9.10	3.12	46.21	54.00	7.79

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 : Aug. 20, 2009 Temperature : 26

EUT : Radio Control Humidity : 53%

Test Mode : Transmit, Channel: 72 (Frequency: 2477.056MHz), Position: Stand

	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	6.52	15.21	47.95	74.00	26.05
	1801.360	26.94	6.92	5.56	39.42	74.00	34.58
	2322.160	28.46	6.25	9.76	44.47	74.00	29.53
	2641.360	29.40	6.69	8.88	44.97	74.00	29.03
	2689.240	29.59	6.76	6.70	43.05	74.00	30.95
	2711.680	29.69	6.80	5.86	42.35	74.00	31.65
	3305.680	31.38	7.47	9.68	48.53	74.00	25.47
	4130.500	32.87	8.54	9.00	50.41	74.00	23.59
	4955.500	33.99	9.10	10.87	53.96	74.00	20.04
Average	1653.520	26.22	6.52	8.64	41.38	54.00	12.62
	1801.360	26.94	6.92	-0.27	33.59	54.00	20.41
	2322.160	28.46	6.25	2.80	37.51	54.00	16.49
	2641.360	29.40	6.69	1.30	37.39	54.00	16.61
	2689.240	29.59	6.76	-0.20	36.15	54.00	17.85
	2711.680	29.69	6.80	-0.11	36.38	54.00	17.62
	3305.680	31.38	7.47	3.44	42.29	54.00	11.71
	4130.500	32.87	8.54	2.25	43.66	54.00	10.34
	4955.500	33.99	9.10	3.73	46.82	54.00	7.18

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 : Aug. 20, 2009 Temperature : 26

EUT : Radio Control Humidity : 53%

Test Mode : Receive, 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	6.36	3.77	36.23	74.00	37.77
Average	1628.320	26.10	6.36	-1.02	31.44	54.00	22.56

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	6.36	3.38	35.84	74.00	38.16
Average	1628.320	26.10	6.36	-1.98	30.48	54.00	23.52

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.

3.6.3. Restricted Bands Measurement Results

Date of Test : Aug. 20, 2009 Temperature : 26

EUT : Radio Control Humidity : 53%

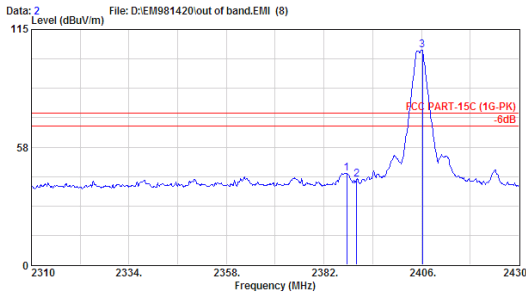
Test Mode : Transmit, Channel: 02, Frequency: 2405.376MHz

	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 *	2387.640	28.59	6.34	9.84	44.77	74.00	29.23
Average *	2386.440	28.59	6.33	0.25	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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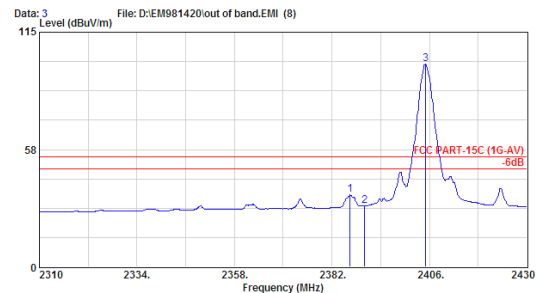
Site no. : site Data no. : 2
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564EC 26°C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2405.376MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2387.640	28.59	6.34	9.84	44.77	74.00	29.23	Peak
2 2390.040	28.59	6.34	6.62	41.56	74.00	32.44	Peak
3 2406.240	28.63	6.36	69.88	104.87	74.00	-30.87	Peak X

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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Site no. : site Data no. : 3
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 26°C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 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 2386.440	28.59	6.33	0.25	35.18	54.00	18.82	Average
2 2390.040	28.59	6.34	-5.01	29.93	54.00	24.07	Average
3 2405.040	28.63	6.36	64.27	99.26	54.00	-45.26	Average 8

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 : Aug. 20, 2009 Temperature : 26

EUT : Radio Control Humidity : 53%

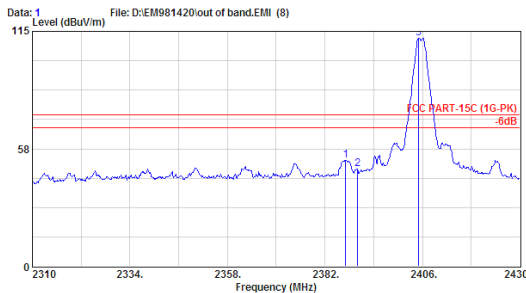
Test Mode : Transmit, Channel: 02, Frequency: 2405.376MHz

	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 *	2387.040	28.59	6.33	17.02	51.94	74.00	22.06
Average *	2386.680	28.59	6.33	3.91	38.83	54.00	15.17

- 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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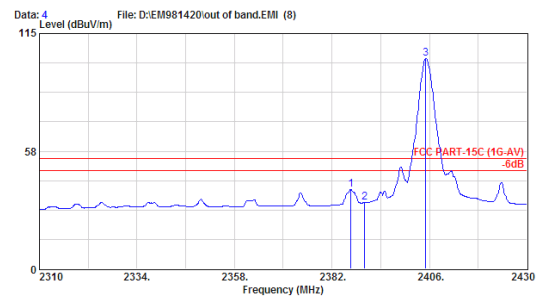
Site no. : site Data no. : 1
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564EC 26°C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2405.376MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2387.040	28.59	6.33	17.02	51.95	74.00	22.05	Peak
2	2390.040	28.59	6.34	12.72	47.66	74.00	26.34	Peak
3	2405.040	28.63	6.36	76.67	111.66	74.00	-37.66	Peak

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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Site no. : site Data no. : 4
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 26°C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 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	2386.680	28.59	6.33	3.91	38.84	54.00	15.16	Average
2	2390.040	28.59	6.34	-2.70	32.24	54.00	21.76	Average
3	2405.040	28.63	6.36	67.93	102.92	54.00	-48.92	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 : Aug. 20, 2009 Temperature : 26

EUT : Radio Control Humidity : 53%

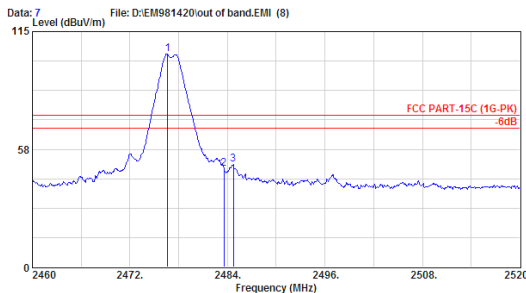
Test Mode : Transmit, Channel: 72, Frequency: 2477.056MHz

	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 *	2484.720	28.77	6.45	14.79	50.01	74.00	23.99
Average *	2484.420	28.77	6.45	6.45	41.67	54.00	12.33

- 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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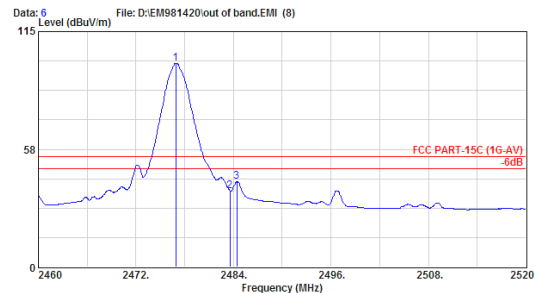
Site no. : site Data no. : 7
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ina. : 8564EC 26°C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2477.056MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2476.620	28.76	6.44	68.69	103.89	74.00	-29.89	Peak
2 2483.580	28.77	6.45	12.92	48.15	74.00	25.85	Peak
3 2484.720	28.77	6.45	14.79	50.02	74.00	23.98	Peak

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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Site no. : site Data no. : 6
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ina. : 8564EC 26°C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2477.056MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2476.620	28.76	6.44	64.34	99.54	74.00	-45.54	Average
2 2483.580	28.77	6.45	1.98	37.20	54.00	16.80	Average
3 2484.420	28.77	6.45	6.45	41.68	54.00	12.32	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 : Aug. 20, 2009 Temperature : 26

EUT : Radio Control Humidity : 53%

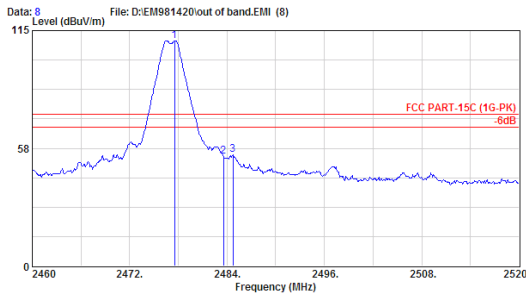
Test Mode : Transmit, Channel: 72, Frequency: 2477.056MHz

	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 *	2484.720	28.77	6.45	19.10	54.32	74.00	19.68
Average *	2484.420	28.77	6.45	10.37	45.59	54.00	8.41

- 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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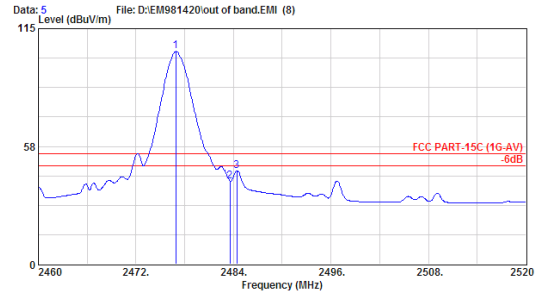
Site no. : site Data no. : 8
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564EC 26°C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2477.056MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2477.520	28.76	6.44	74.95	110.15	74.00	-36.15	Peak
2	2483.580	28.77	6.45	18.14	53.37	74.00	20.63	Peak
3	2484.720	28.77	6.45	19.10	54.33	74.00	19.67	Peak

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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Site no. : site Data no. : 5
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 26°C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2477.056MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2476.920	28.76	6.44	68.67	103.87	54.00	-49.87	Average
2	2483.580	28.77	6.45	5.39	40.62	54.00	13.38	Average
3	2484.420	28.77	6.45	10.37	45.60	54.00	8.40	Average

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

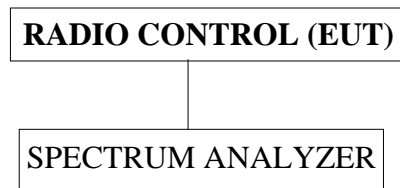
4. 6dB BANDWIDTH MEASUREMENT

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	N9020A	MY48011382	Sep. 22, 08'	Sep. 21, 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 EUT was set to continuously transmit signals at 2405.376MHz, 2442.240MHz and 2477.056MHz during testing.

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.

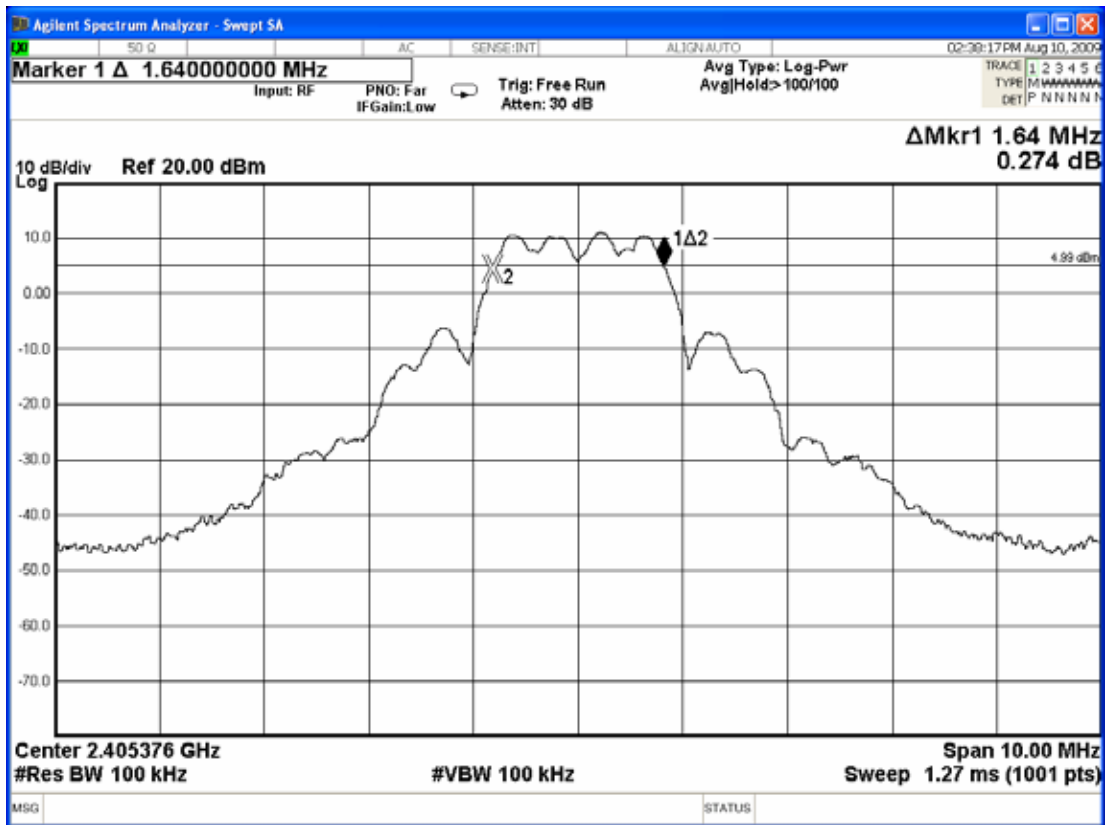
4.6. Test Results

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

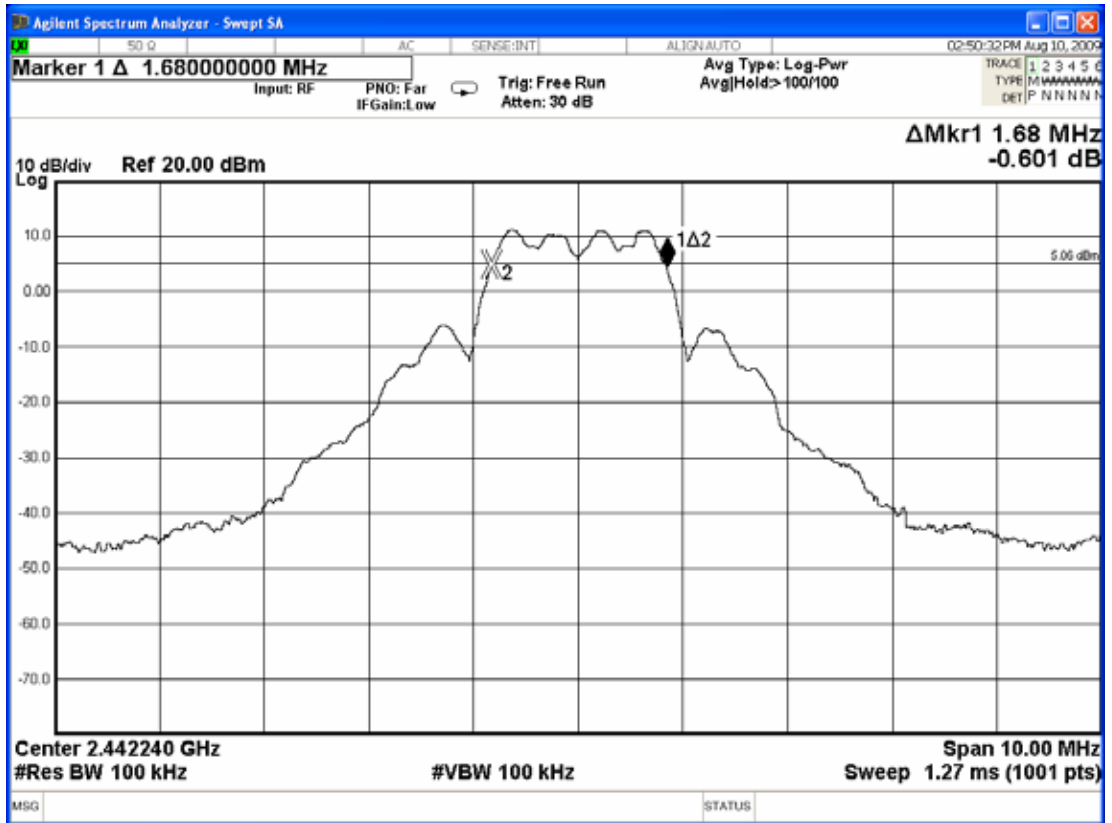
(Test Date : Aug. 10, 2009 Temperature : 26 Humidity : 54%)

Channel	Frequency	6dB Bandwidth
0	2405.376MHz	1.64MHz
38	2442.240MHz	1.68MHz
72	2477.056MHz	1.68MHz

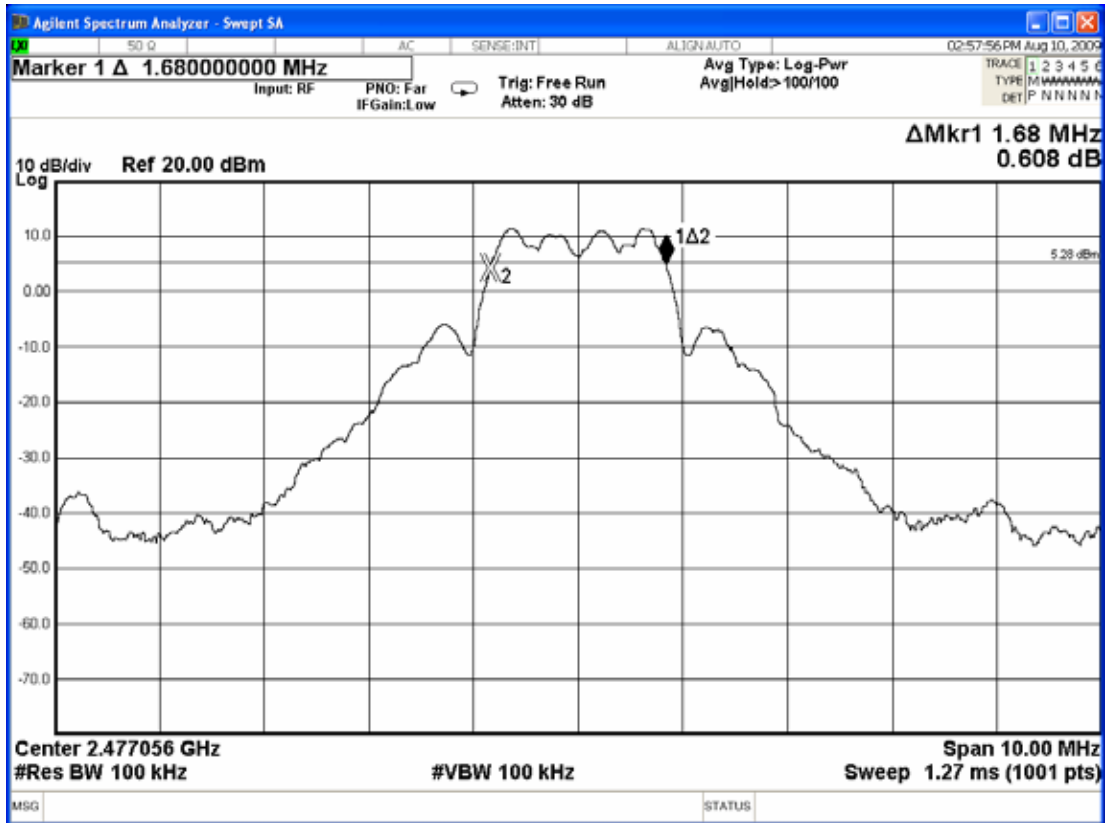
Frequency: 2405.376MHz



Frequency: 2442.240MHz



Frequency: 2477.056MHz



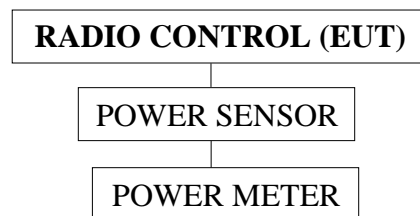
5. MAXIMUM PEAK OUTPUT POWER MEASUREMENT

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 EUT was set to continuously transmit signals at 2405.376MHz、 2442.240MHz and 2477.056MHz during testing.

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 : Aug. 13, 2009 Temperature : 26 Humidity : 54%)

Channel	Frequency	Peak Output Power	Limit
02	2405.376MHz	16.26dBm	30dBm
38	2442.240MHz	16.54dBm	30dBm
72	2477.056MHz	16.77dBm	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	N9020A	MY48011382	Sep. 22, 08'	Sep. 21, 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 EUT was set to continuously transmit signals at 2405.376MHz, 2442.240MHz and 2477.056MHz during testing.

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

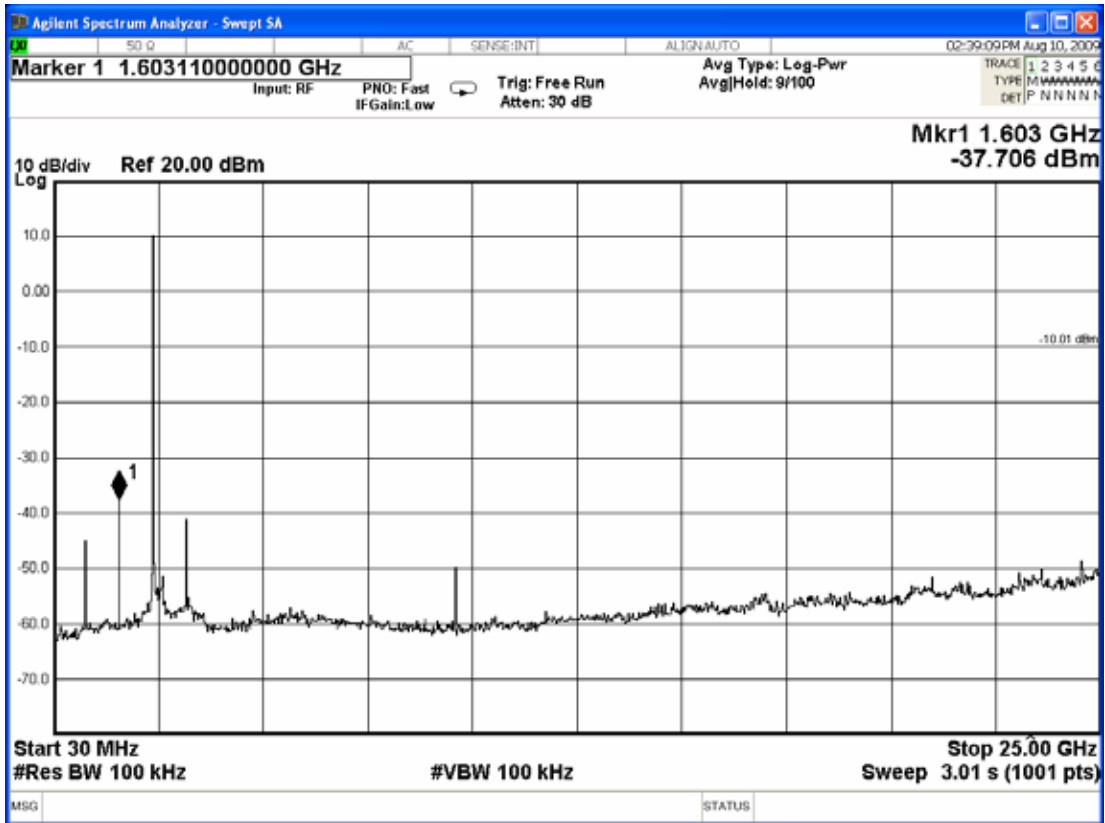
PASSED. The testing data was attached in the next pages.

(Test Date : Aug. 10, 2009 Temperature : 26 Humidity : 54%)

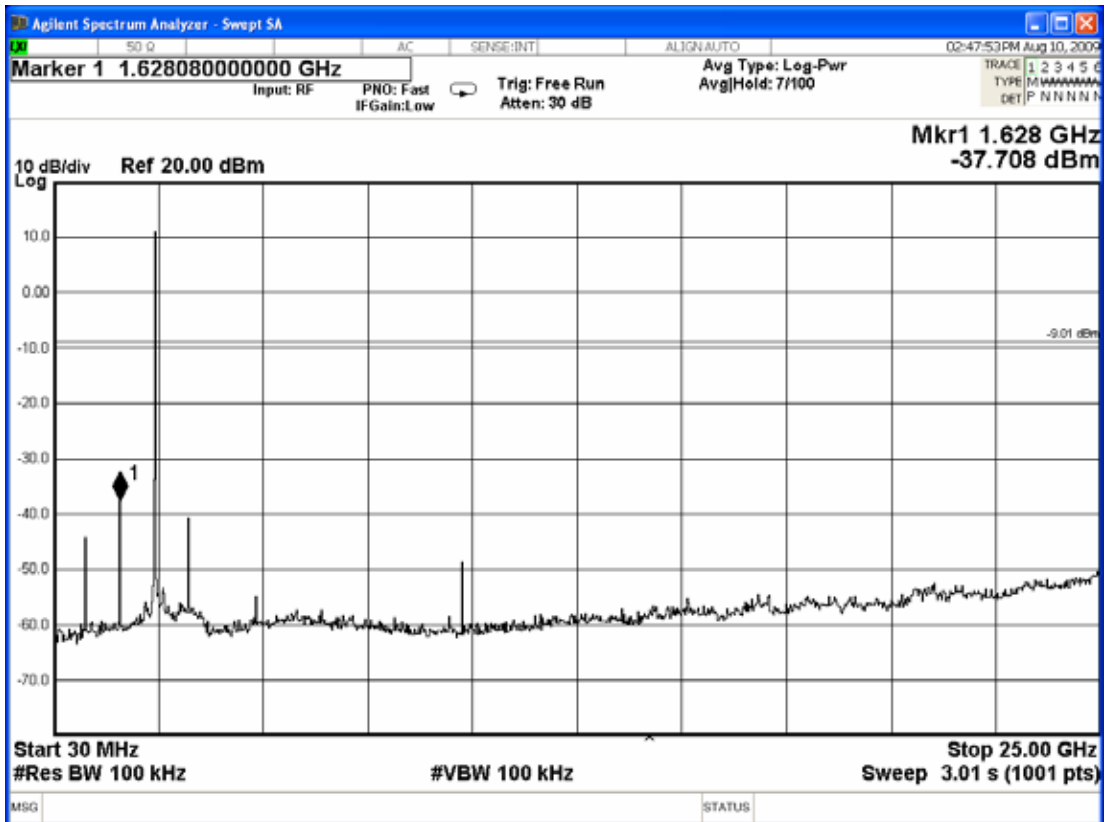
1. 2405.376MHz: During 30MHz~25GHz bandwidth. In the 1.603GHz, the -37.706dBm is max value that is lower than 20dB of primary channel.
2. 2442.240MHz: During 30MHz~25GHz bandwidth. In the 1.628GHz, the -37.708dBm is max value that is lower than 20dB of primary channel.
3. 2477.056MHz: During 30MHz~25GHz bandwidth. In the 1.653GHz, the -39.210dBm 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: 2477.056MHz



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	N9020A	MY48011382	Sep. 22, 08'	Sep. 21, 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 EUT was set to continuously transmit signals at 2405.376MHz、 2442.240MHz and 2477.056MHz during testing.

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.

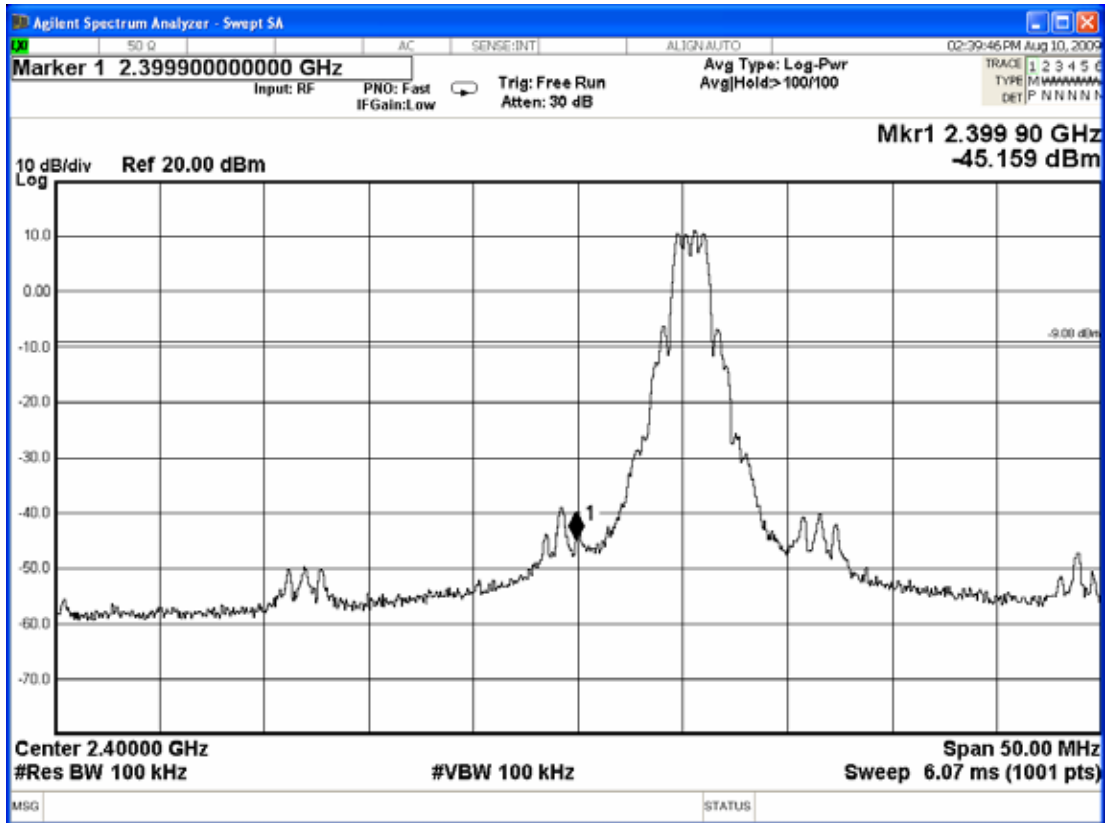
7.6. Test Results

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

(Test Date : Aug. 10, 2009 Temperature : 26 Humidity : 54%)

1. Below Band edge: The highest emission level is -45.159dBm on 2.39990GHz .
2. Upper Band edge : The highest emission level is -48.435dBm on 2.48360GHz .

Below Band edge



Upper 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	N9020A	MY48011382	Sep. 22, 08'	Sep. 21, 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 EUT was set to continuously transmit signals at 2405.376MHz, 2442.240MHz and 2477.056MHz during testing.

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/300kHz.

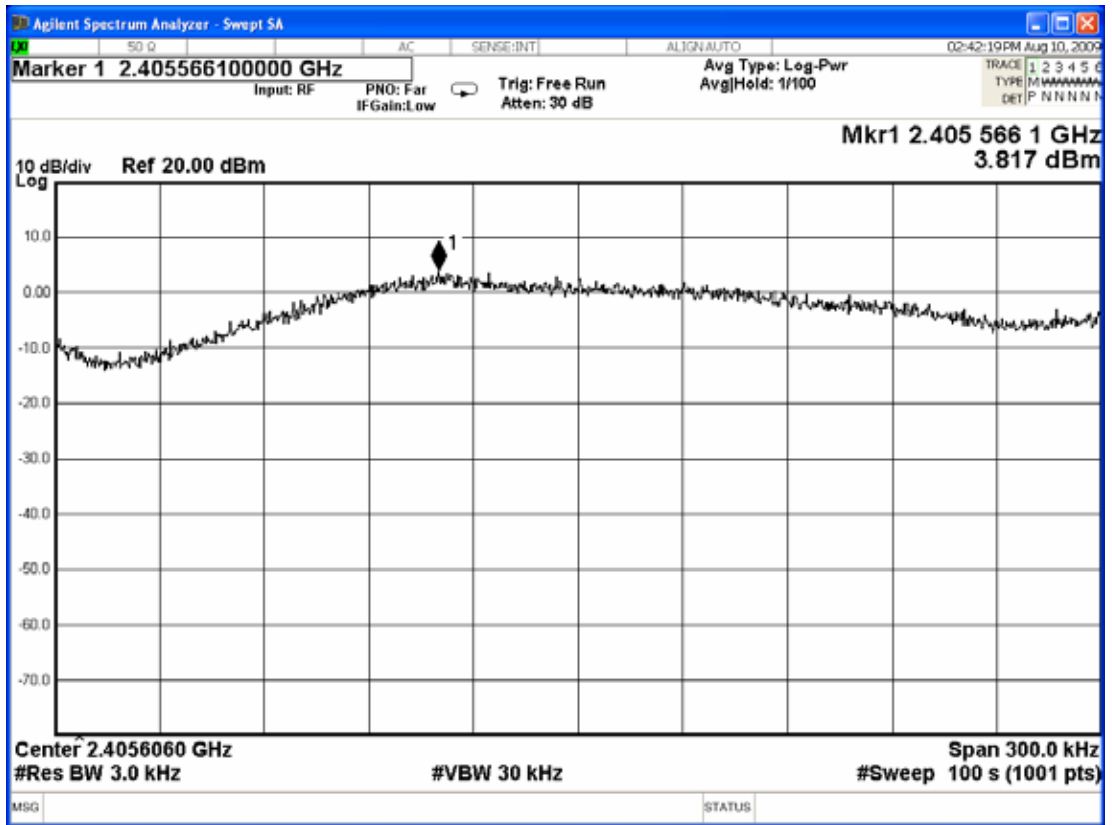
8.6. Test Results

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

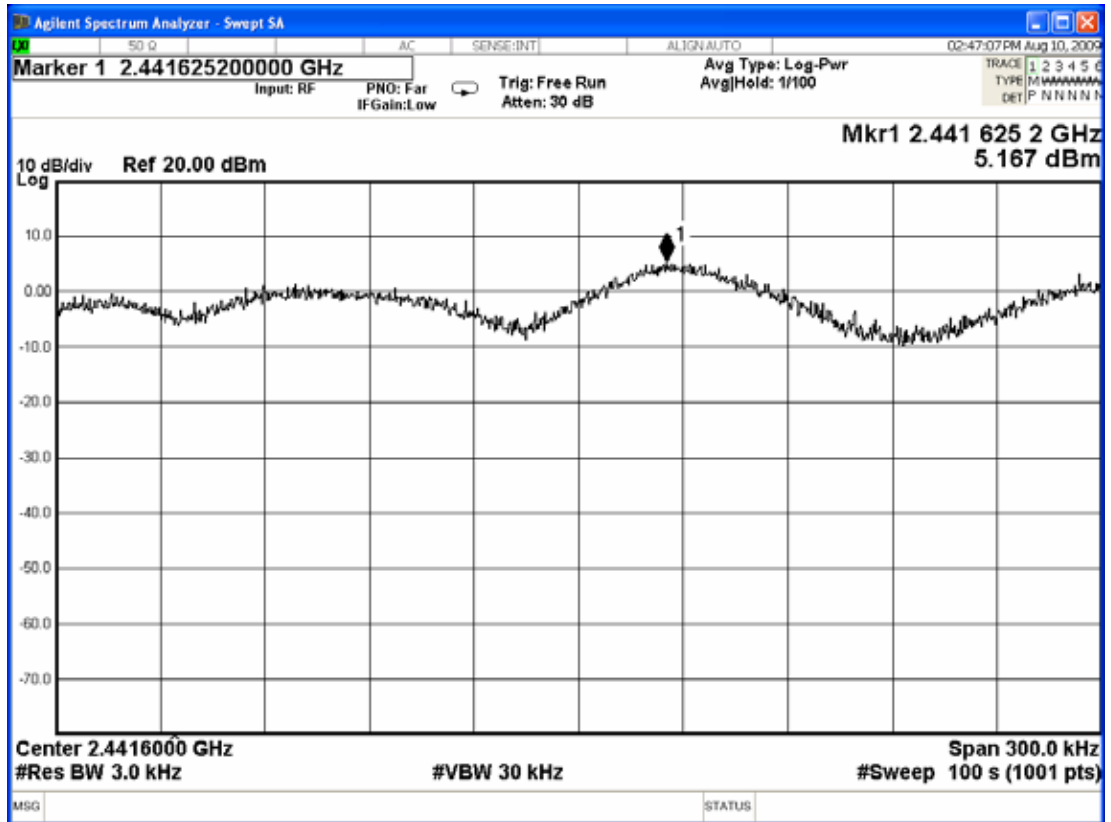
(Test Date : Aug. 10, 2009 Temperature : 26 Humidity : 54%)

Channel	Frequency	Power Spectral Density	Limit
02	2405.376MHz	3.817dBm	8dBm
38	2442.240MHz	5.167dBm	8dBm
72	2477.056MHz	6.053dBm	8dBm

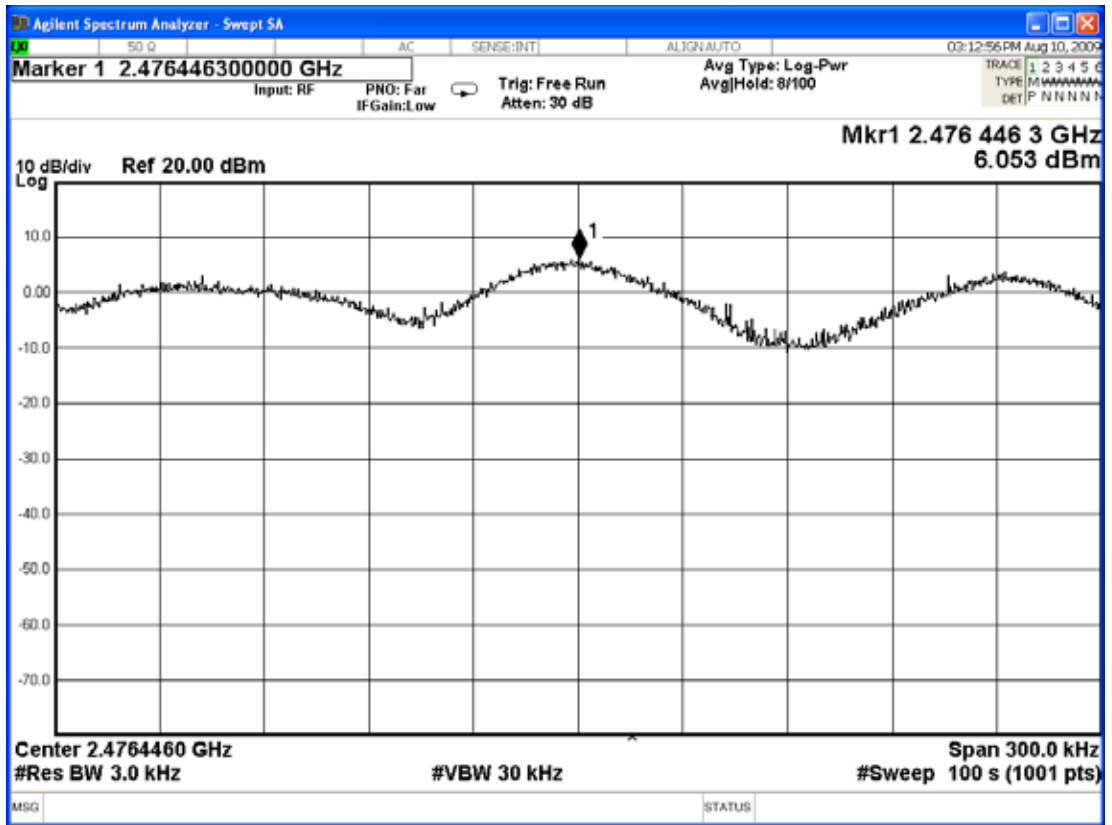
Frequency: 2405.376MHz



Frequency: 2442.240MHz



Frequency: 2477.056MHz



9. DEVIATION TO TEST SPECIFICATIONS

【NONE】

10. PHOTOGRAPHS

10.1. Photos of Conducted Disturbance Measurement



FRONT VIEW OF CONDUCTED MEASUREMENT



BACK VIEW OF CONDUCTED MEASUREMENT

10.2.Photos of Radiated Measurement at Semi-Anechoic Chamber

10.2.1. Frequency Below 1GHz

Test Mode: Charge



FRONT VIEW OF RADIATED MEASUREMENT



BACK VIEW OF RADIATED MEASUREMENT

Test Mode: Transmit and Receiver (Position: Stand)



10.2.2. Frequency Above 1GHz

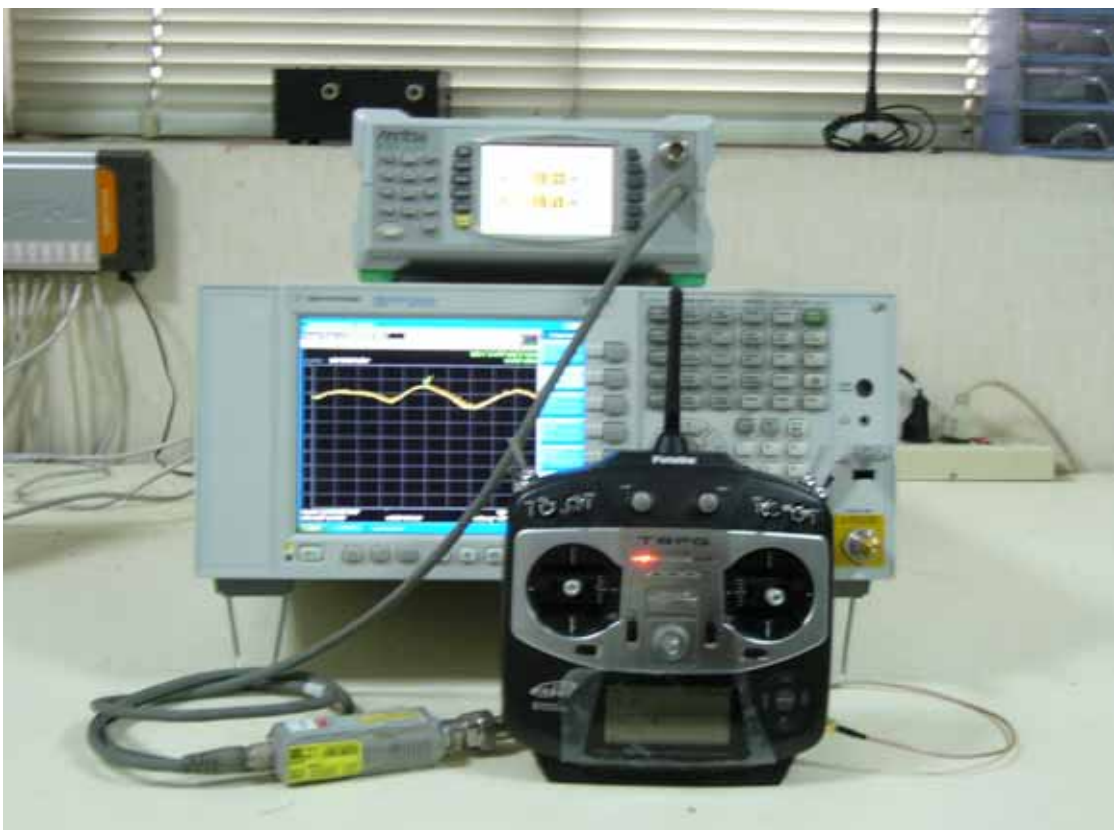
Test Mode: Transmit and Receiver (Position: Stand)



10.3.Photo of 6dB Bandwidth Measurement



10.4.Photo of Maximum Peak Output Measurement



10.5. Photo of Emission Limitations Measurement



10.6. Photo of Band Edges Measurement



10.7. Photo of Power Spectral Density Measurement



APPENDIX I

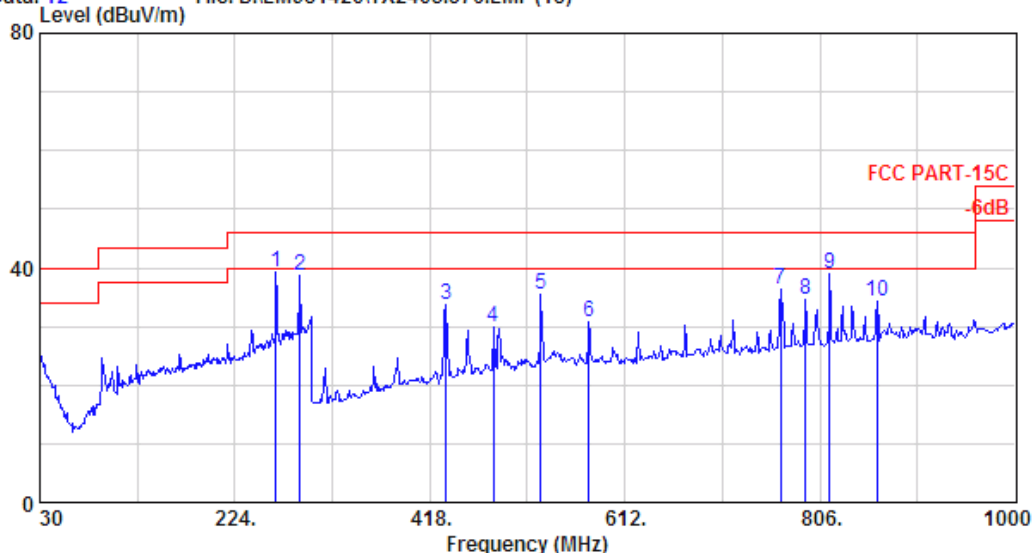
(Radiated Test Data for frequency rang above
1GHz at Semi-Anechoic Chamber)

Total Pages: 33 Pages



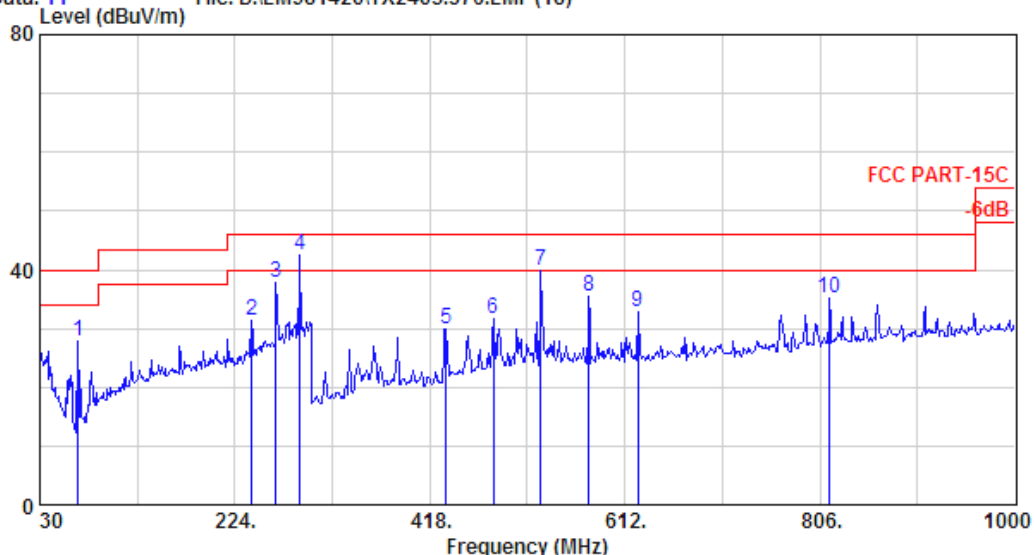
AUDIX TECHNOLOGY Corp. EMC Laboratory
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 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttemc@ttemc.com.tw

Data: 12 File: D:\EM981420\TX2405.376.EMI (18)



Site no. : site Data no. : 12
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2405.376MHz

Data: 11 File: D:\EM981420\TX2405.376.EMI (18)

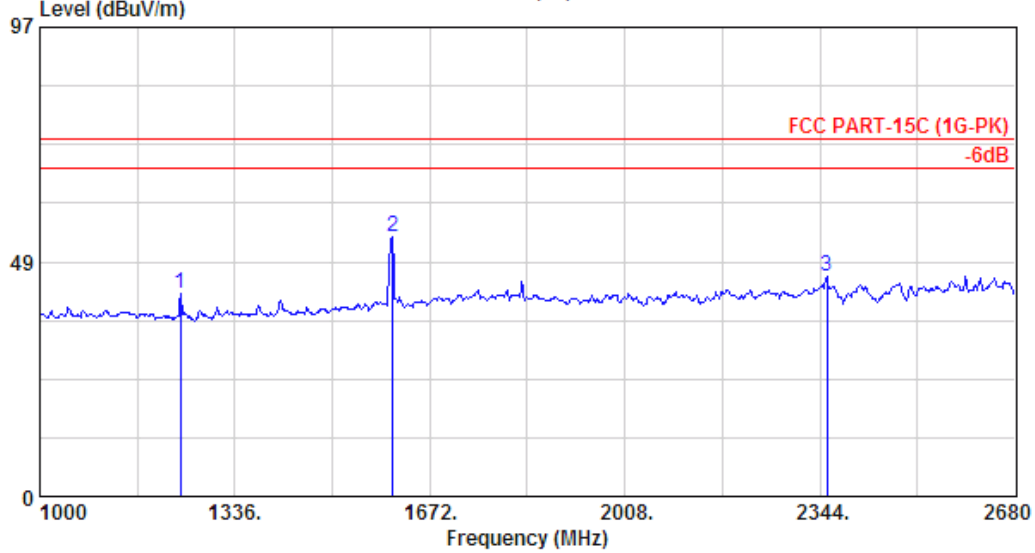


Site no. : site Data no. : 11
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2405.376MHz



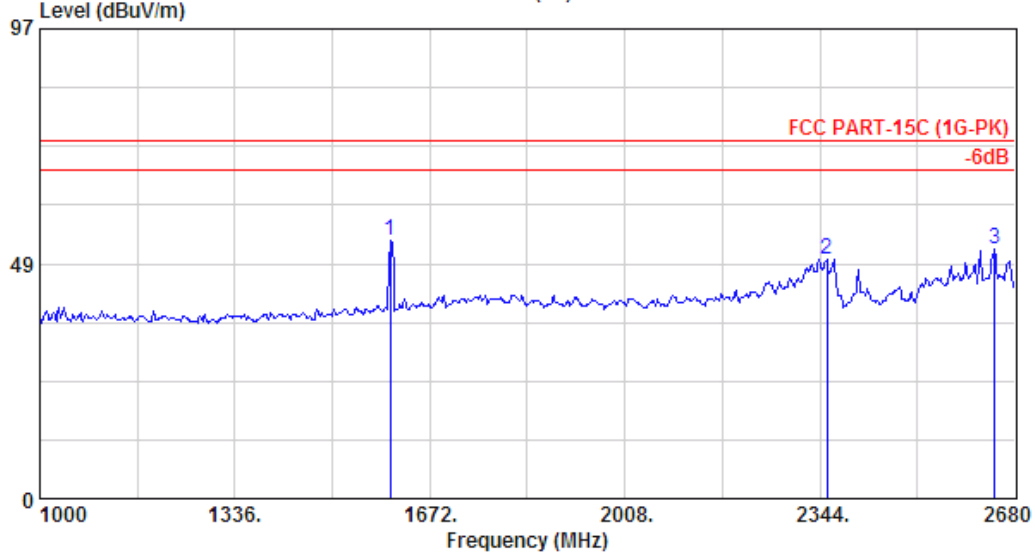
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 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttemc@ttemc.com.tw

Data: 1 File: D:\EM981420\TX2405.376.EMI (18)



Site no.	: site	Data no.	: 1
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2405.376MHz		

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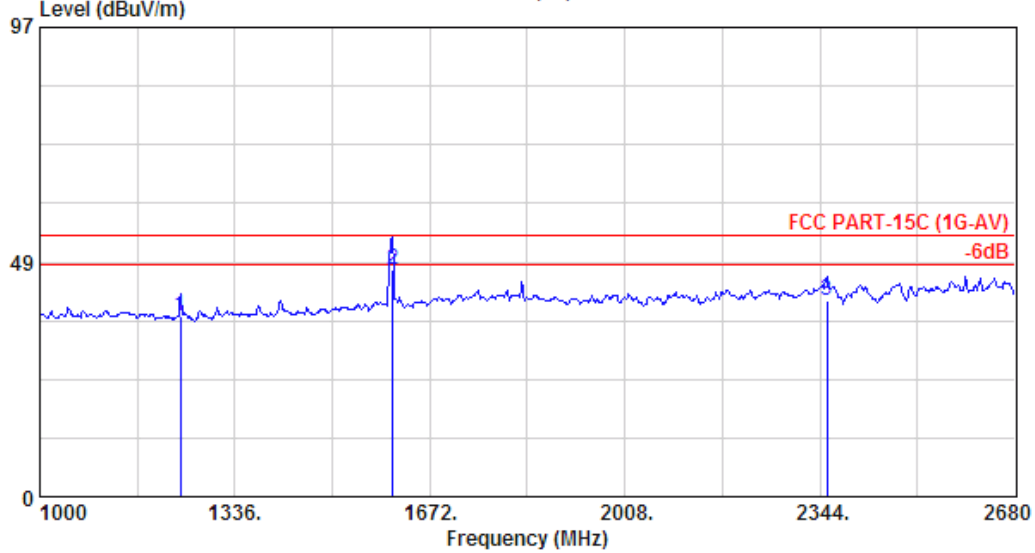


Site no.	: site	Data no.	: 2
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2405.376MHz		



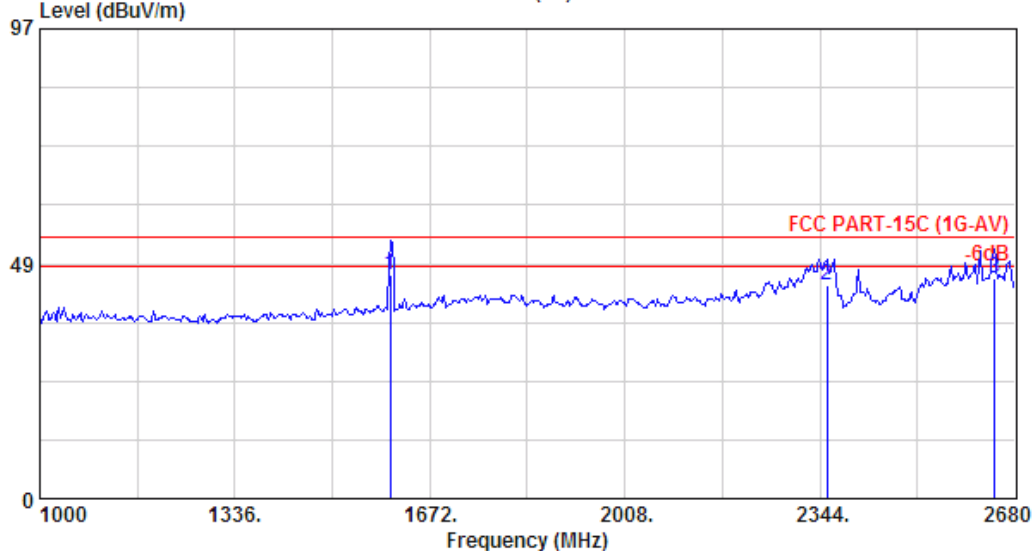
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 Email:ttemc@ttemc.com.tw

Data: 17 File: D:\EM981420\TX2405.376.EMI (18)



Site no.	: site	Data no.	: 17
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2405.376MHz		

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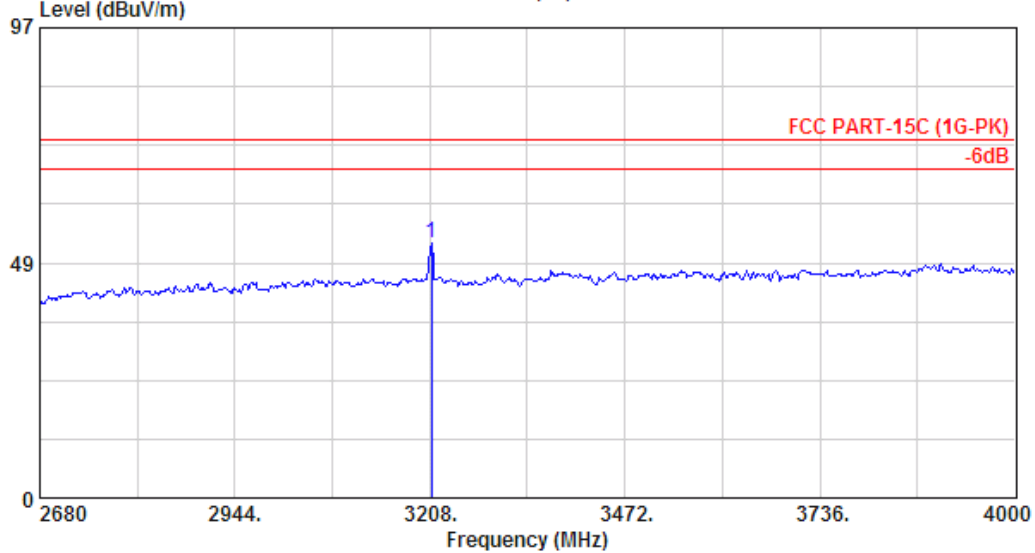


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Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2405.376MHz		



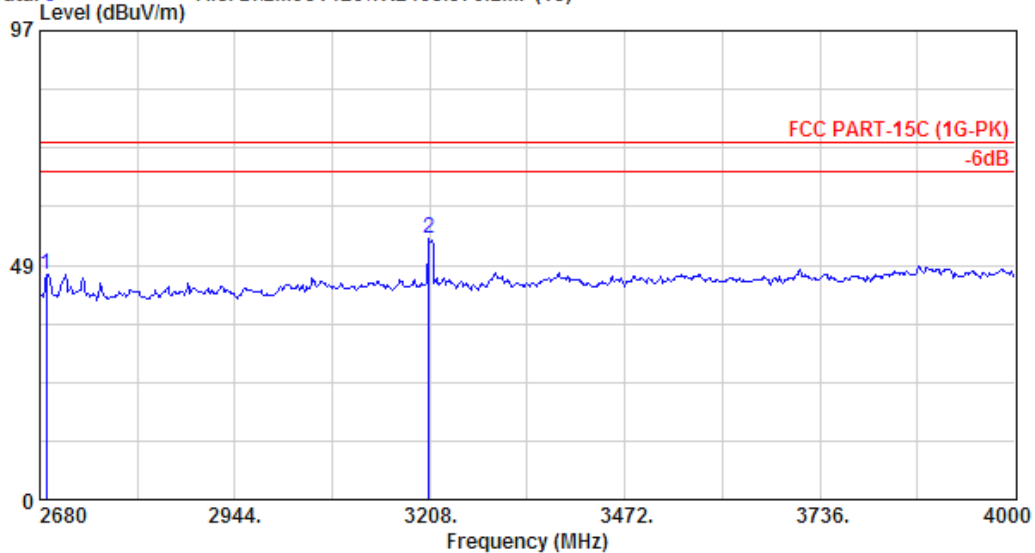
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 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttemc@ttemc.com.tw

Data: 4 File: D:\EM981420\TX2405.376.EMI (18)



Site no.	: site	Data no.	: 4
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2405.376MHz		

Data: 3 File: D:\EM981420\TX2405.376.EMI (18)

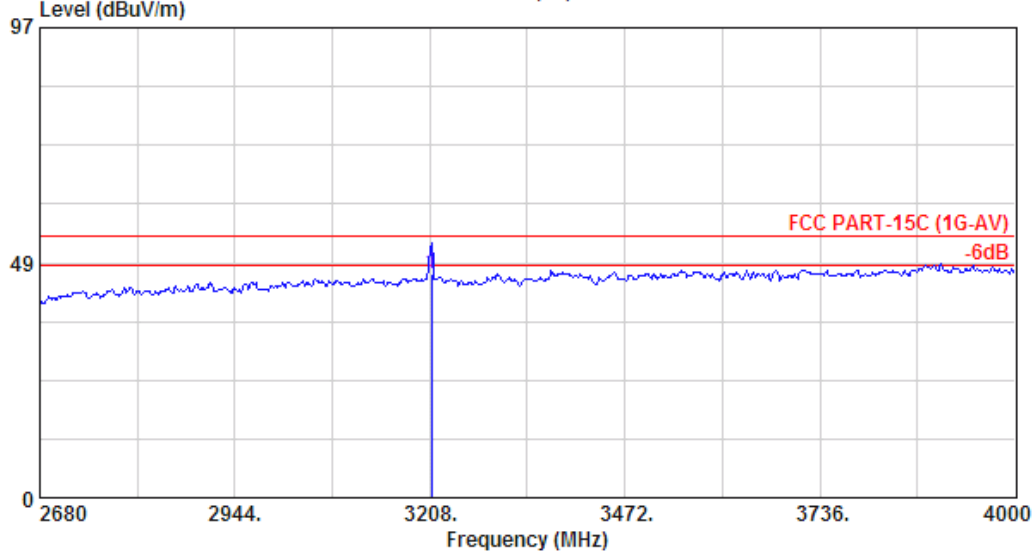


Site no.	: site	Data no.	: 3
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2405.376MHz		



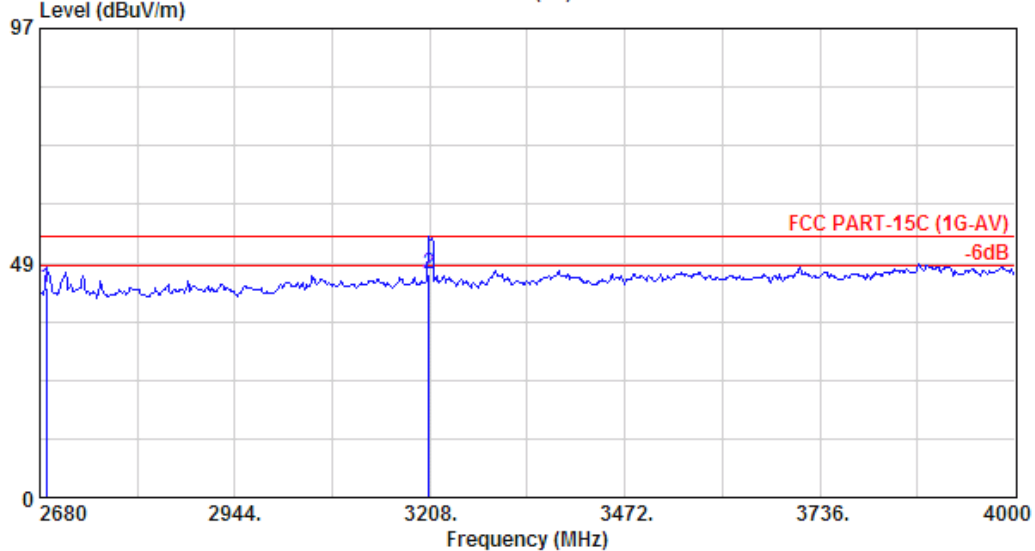
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 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttemc@ttemc.com.tw

Data: 14 File: D:\EM981420\TX2405.376.EMI (18)



Site no.	: site	Data no.	: 14
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2405.376MHz		

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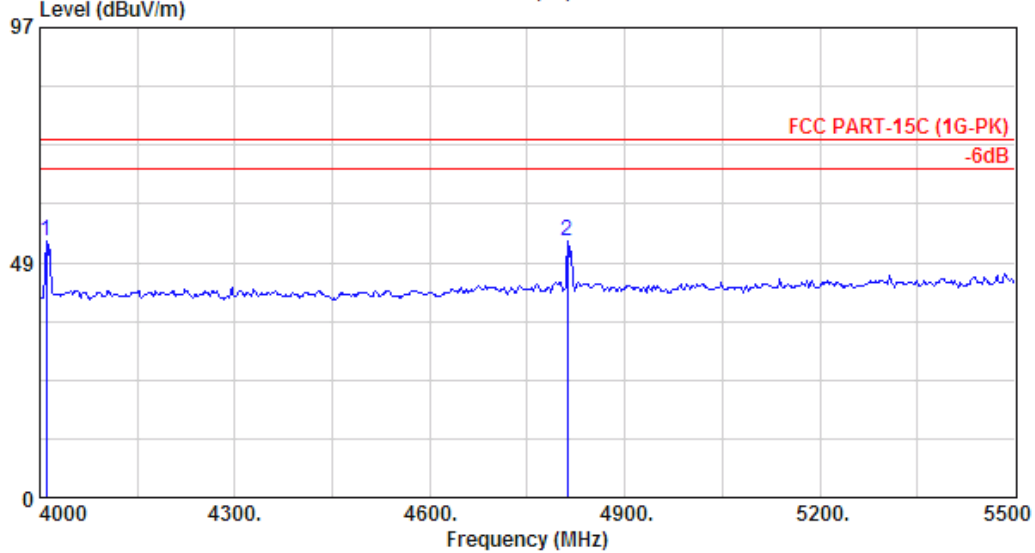


Site no.	: site	Data no.	: 13
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2405.376MHz		



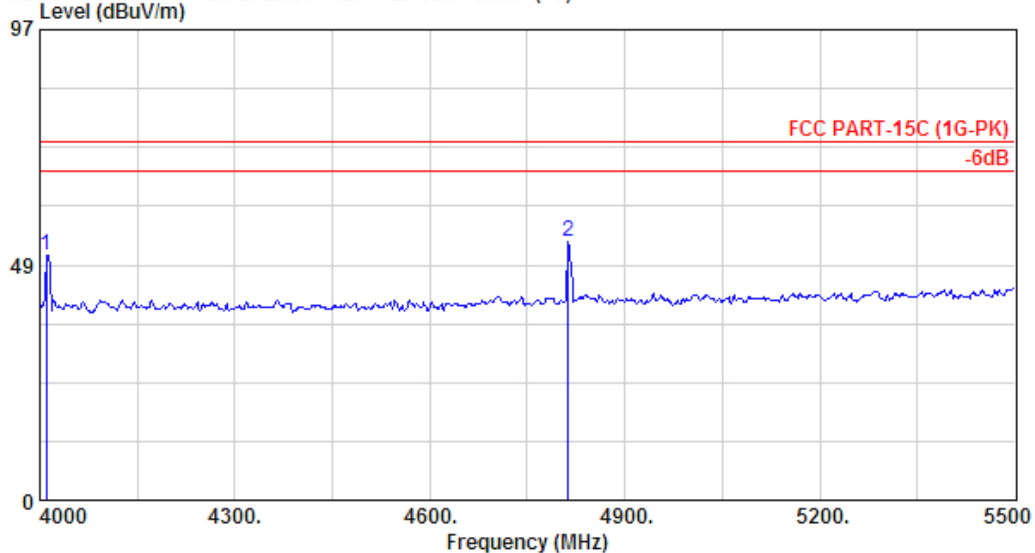
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 Email:ttenc@ttenc.com.tw

Data: 5 File: D:\EM981420\TX2405.376.EMI (18)



Site no.	: site	Data no.	: 5
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2405.376MHz		

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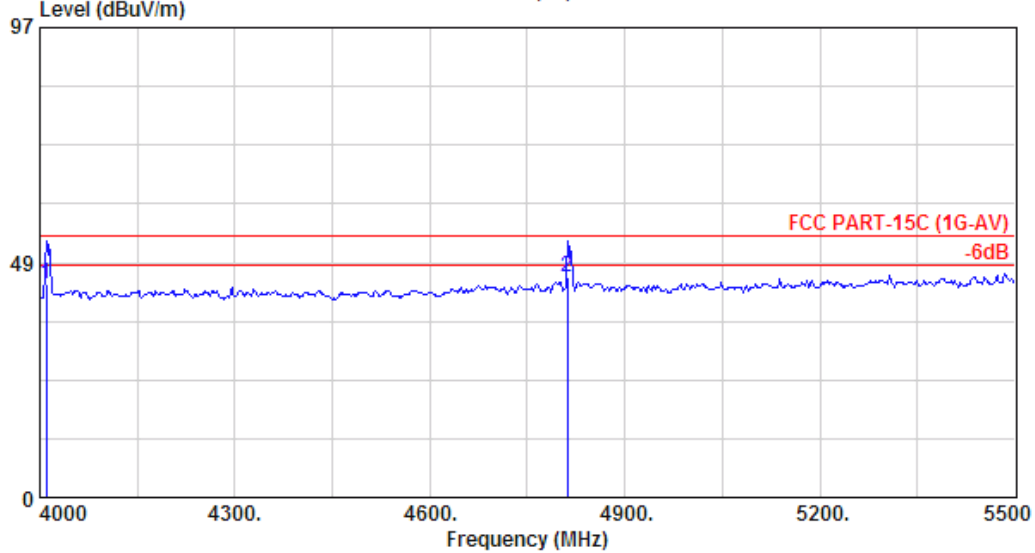


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Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2405.376MHz		



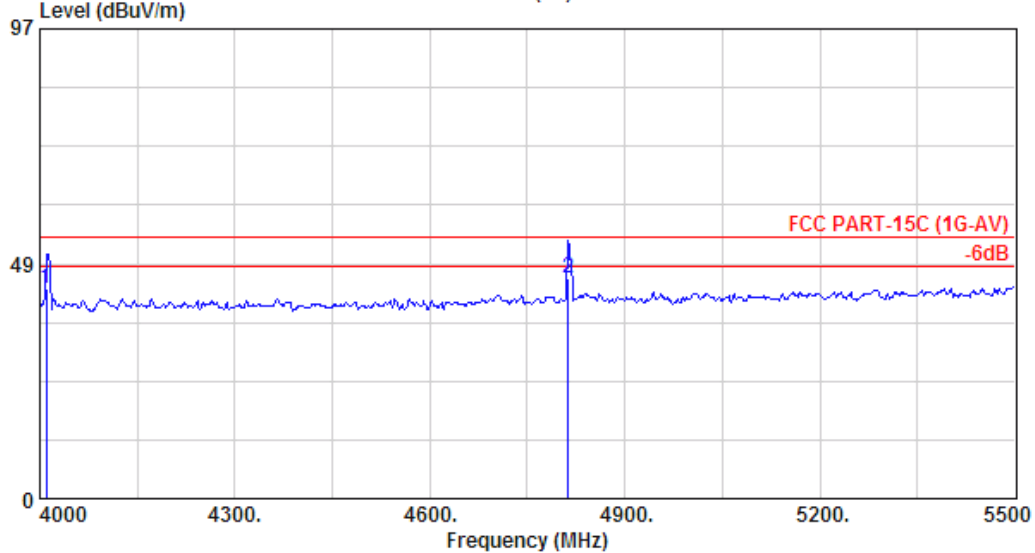
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Site no.	: site	Data no.	: 15
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2405.376MHz		

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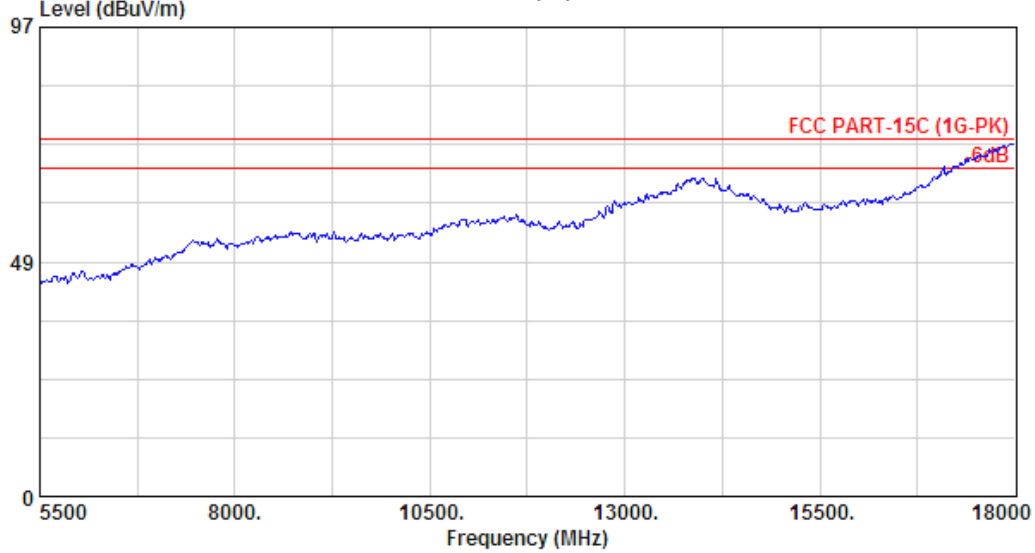


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Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2405.376MHz		



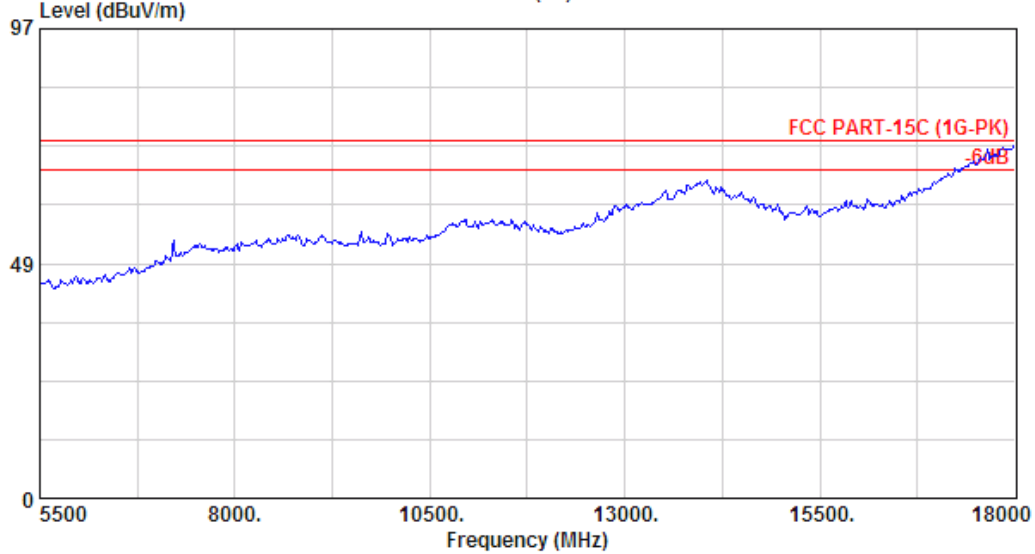
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 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttemc@ttemc.com.tw

Data: 8 File: D:\EM981420\TX2405.376.EMI (18)



Site no.	: site	Data no.	: 8
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2405.376MHz		

Data: 7 File: D:\EM981420\TX2405.376.EMI (18)

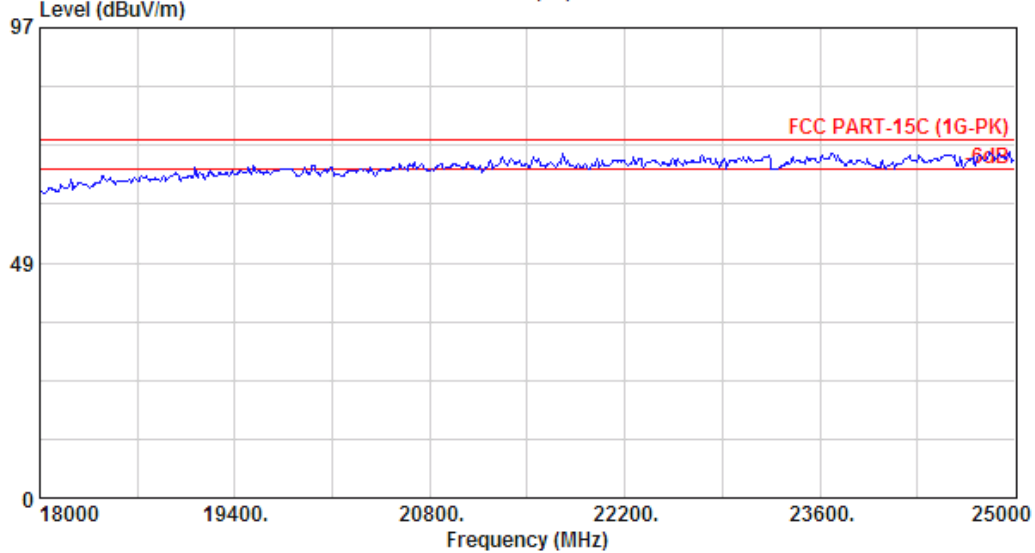


Site no.	: site	Data no.	: 7
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2405.376MHz		



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 Email:ttemc@ttemc.com.tw

Data: 10 File: D:\EM981420\TX2405.376.EMI (18)



Site no.	: site	Data no.	: 10
Dis. / Ant.	: 3m 3116	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2405.376MHz		

Data: 9 File: D:\EM981420\TX2405.376.EMI (18)

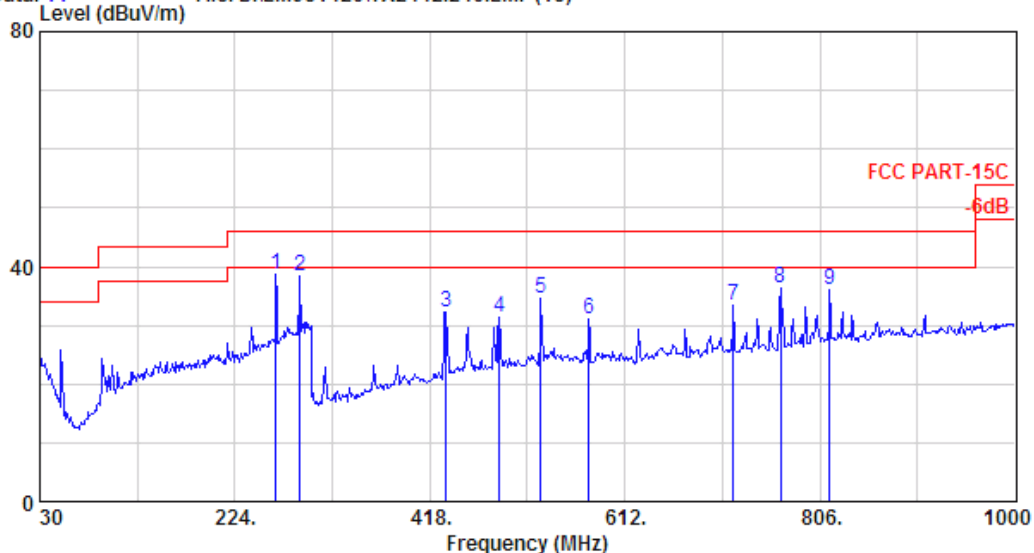


Site no.	: site	Data no.	: 9
Dis. / Ant.	: 3m 3116	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2405.376MHz		



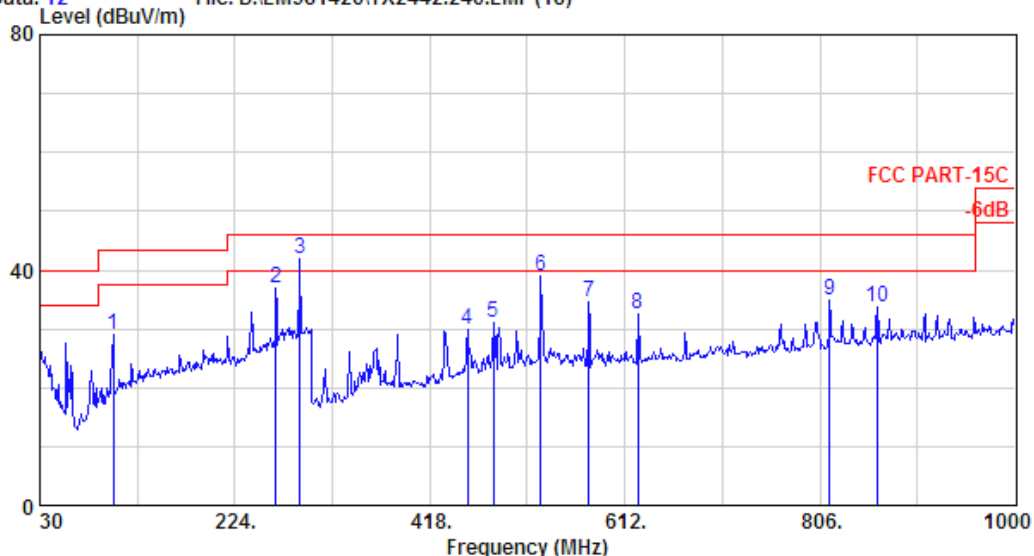
AUDIX TECHNOLOGY Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttemc@ttemc.com.tw

Data: 11 File: D:\EM981420\TX2442.240.EMI (18)



Site no. : site Data no. : 11
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2442.240MHz

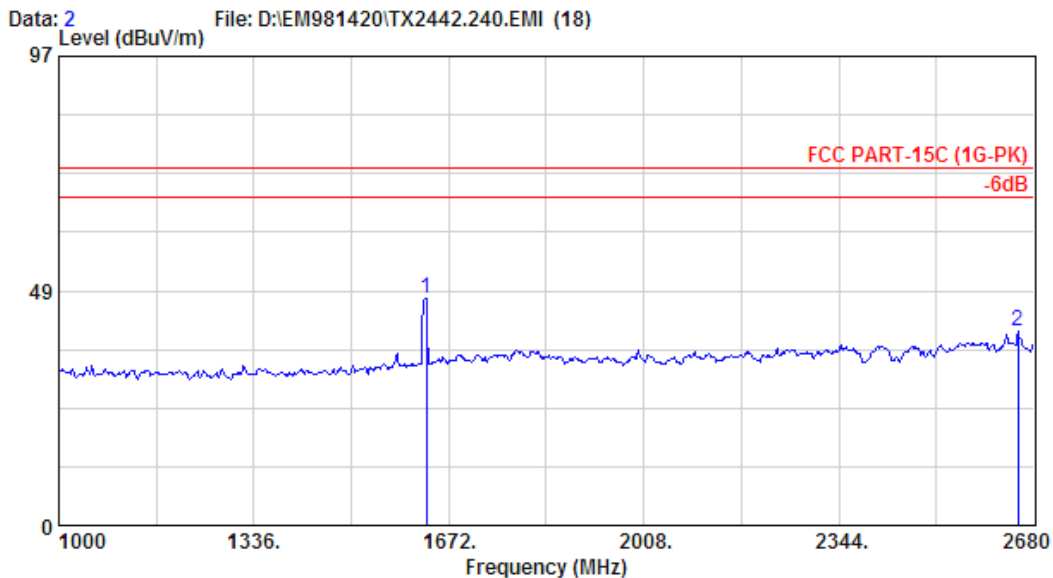
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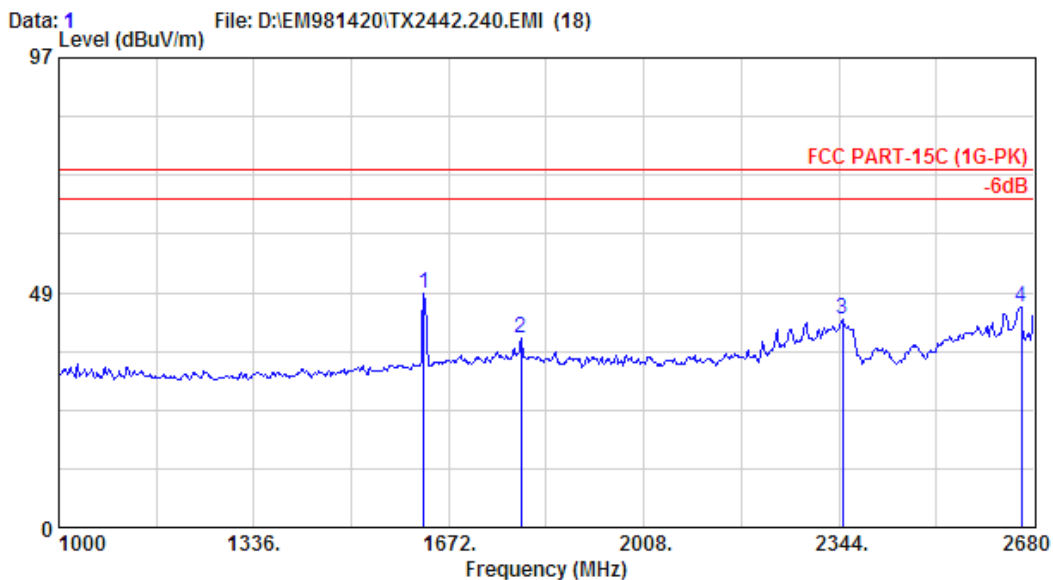
Site no. : site Data no. : 12
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2442.240MHz



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 Email:ttemc@ttemc.com.tw



Site no.	: site	Data no.	: 2
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2442.240MHz		

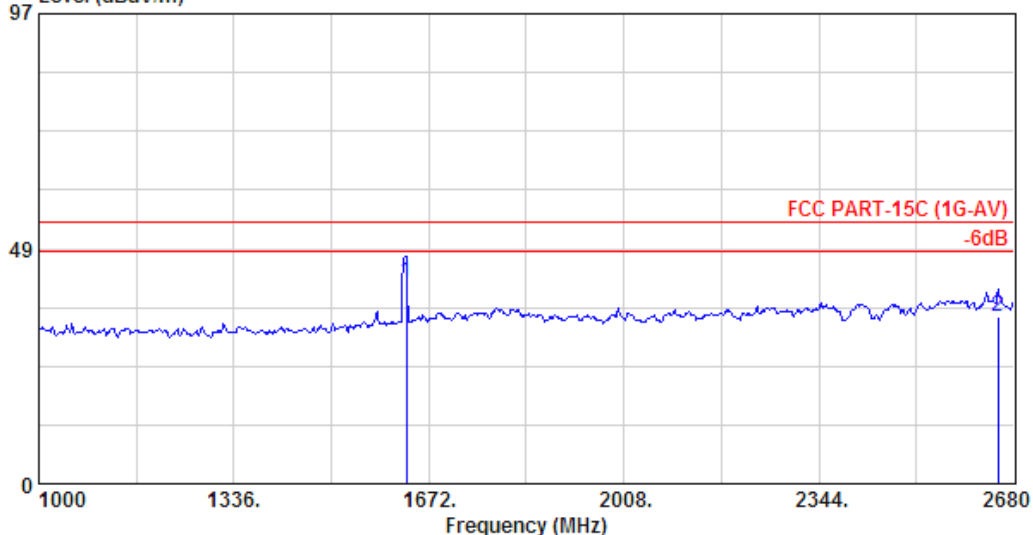


Site no.	: site	Data no.	: 1
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2442.240MHz		



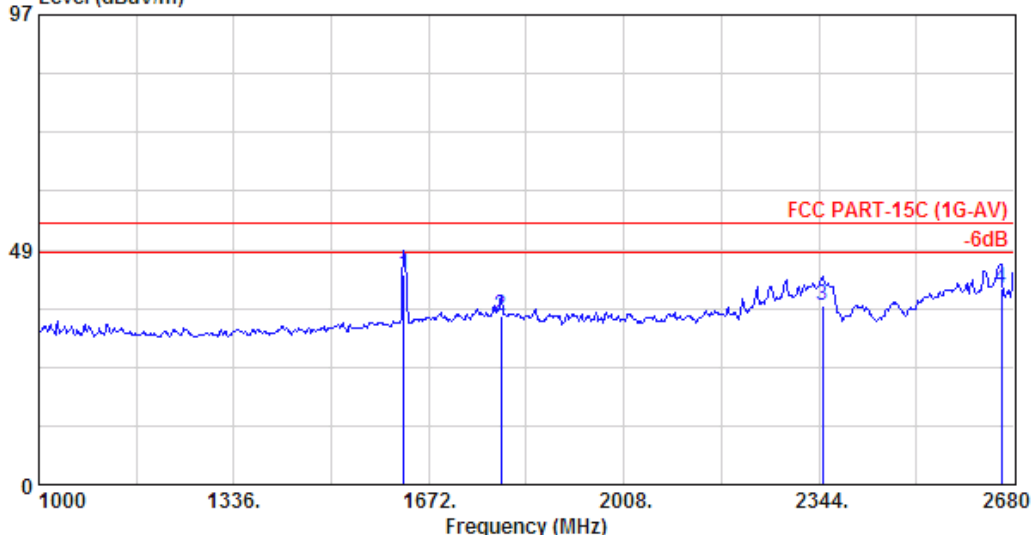
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 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttenc@ttenc.com.tw

Data: 14 File: D:\EM981420\TX2442.240.EMI (18)
 Level (dBuV/m)



Site no.	: site	Data no.	: 14
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2442.240MHz		

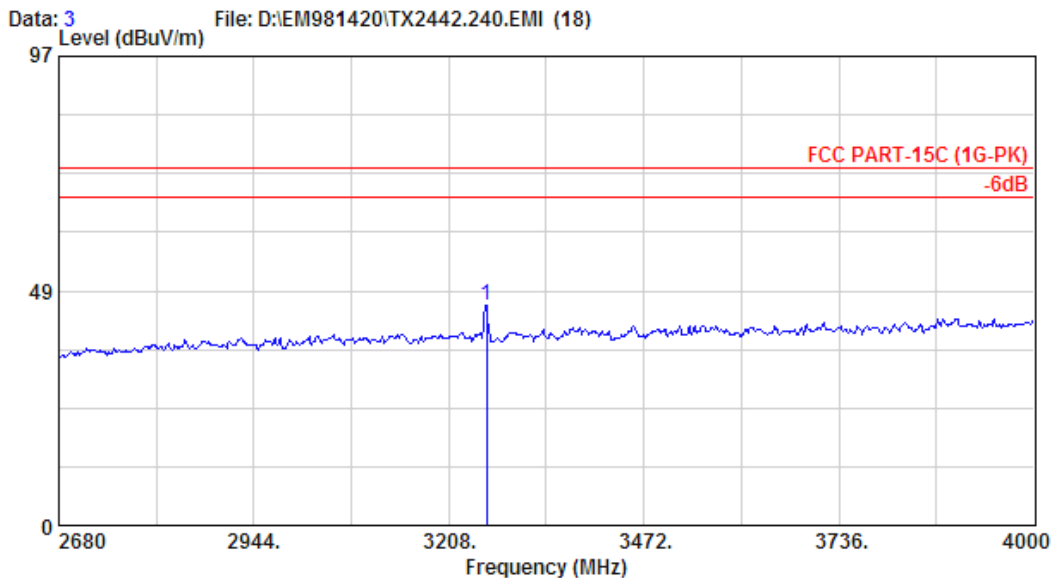
Data: 13 File: D:\EM981420\TX2442.240.EMI (18)
 Level (dBuV/m)



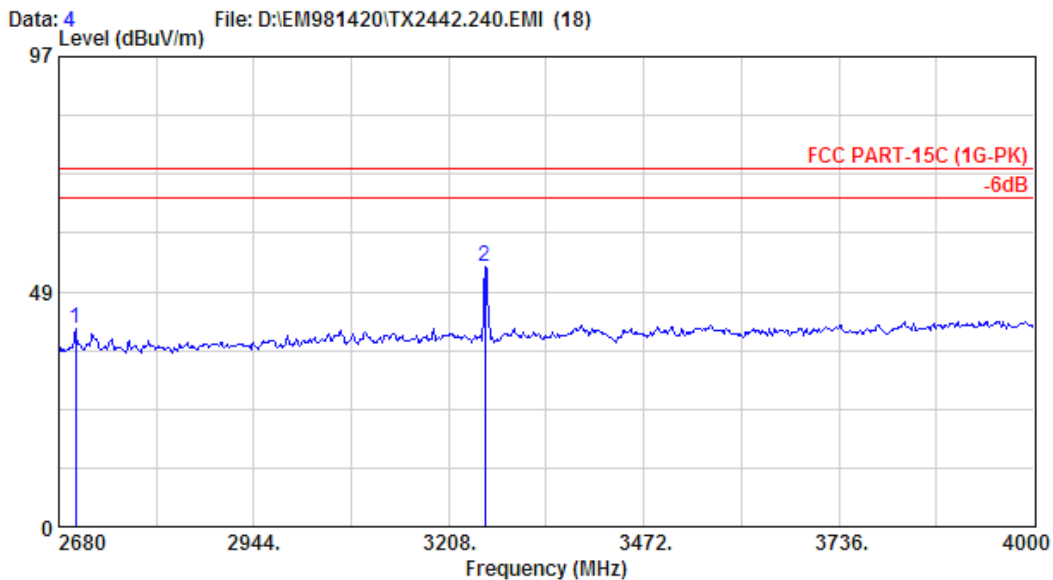
Site no.	: site	Data no.	: 13
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2442.240MHz		



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 Email:ttemc@ttemc.com.tw



Site no.	: site	Data no.	: 3
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2442.240MHz		

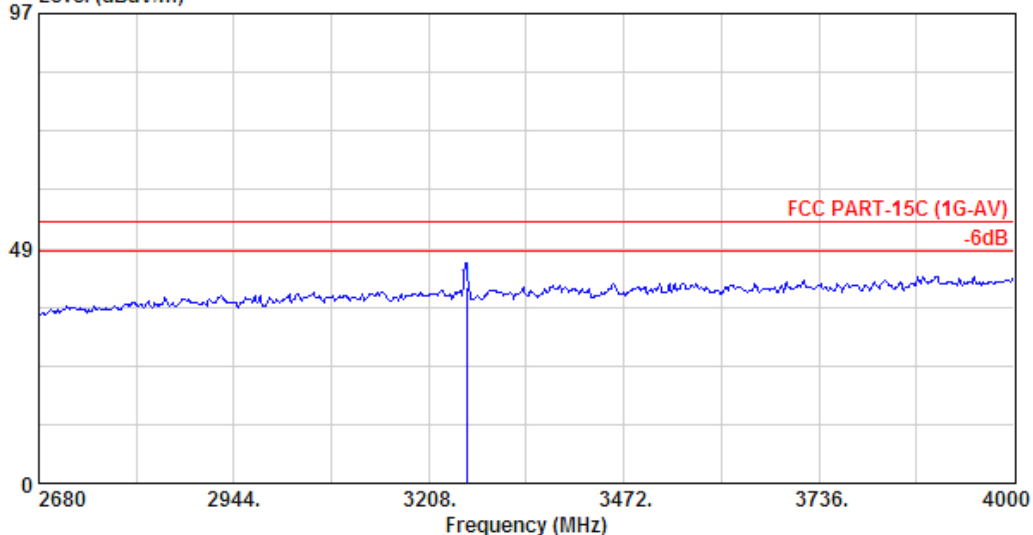


Site no.	: site	Data no.	: 4
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2442.240MHz		



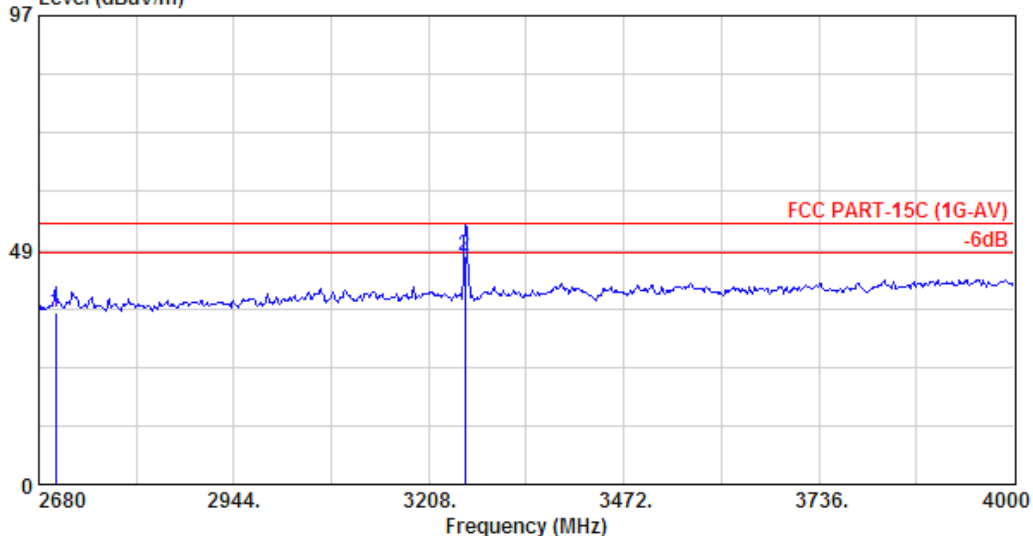
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Data: 15 File: D:\EM981420\TX2442.240.EMI (18)
 Level (dBuV/m)



Site no.	: site	Data no.	: 15
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2442.240MHz		

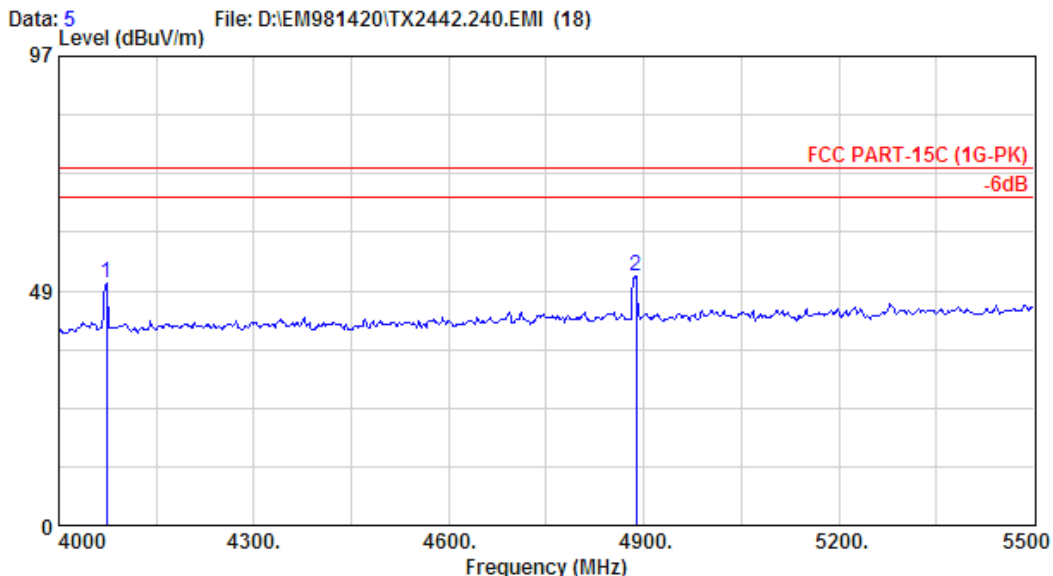
Data: 16 File: D:\EM981420\TX2442.240.EMI (18)
 Level (dBuV/m)



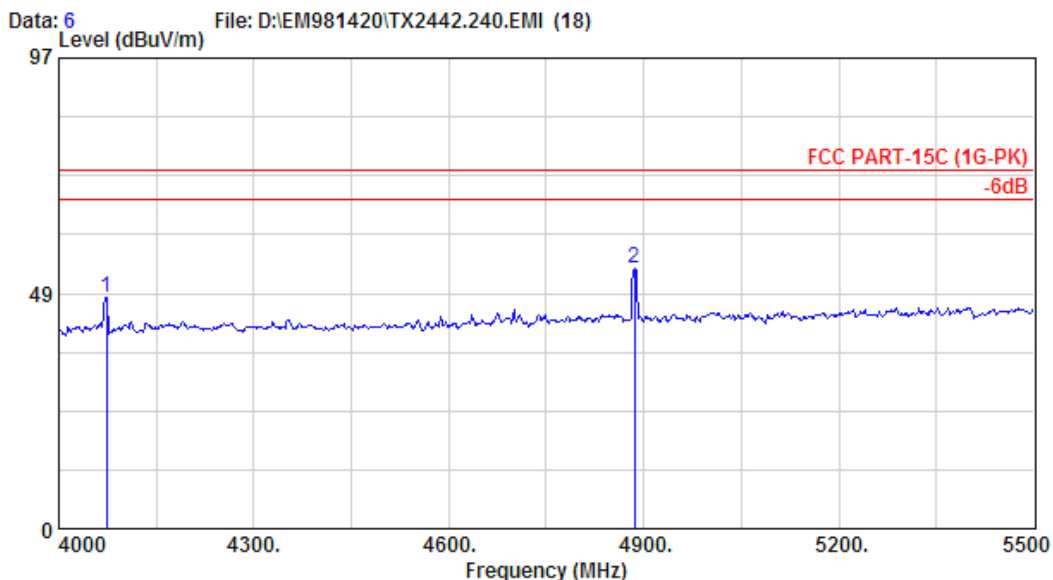
Site no.	: site	Data no.	: 16
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2442.240MHz		



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Site no.	: site	Data no.	: 5
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2442.240MHz		

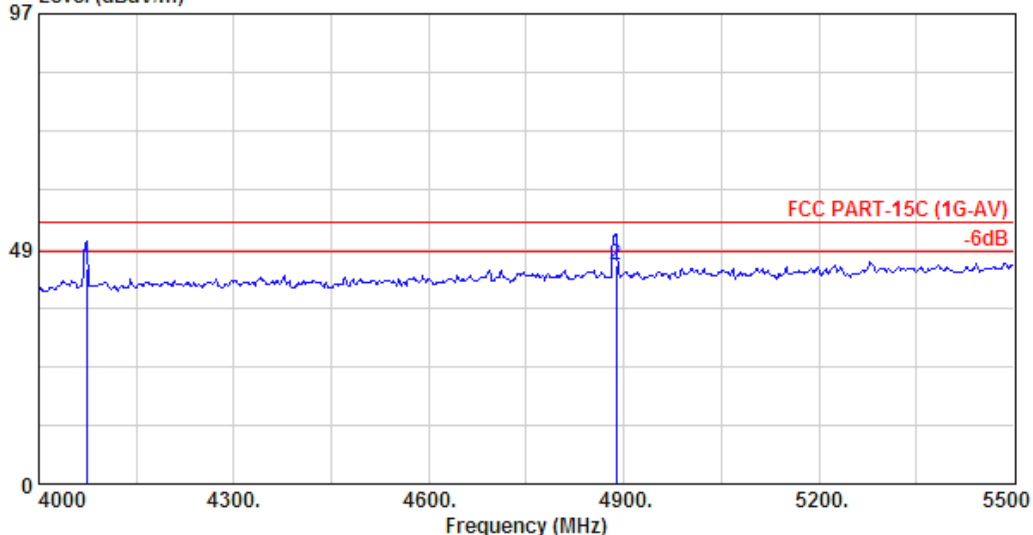


Site no.	: site	Data no.	: 6
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2442.240MHz		



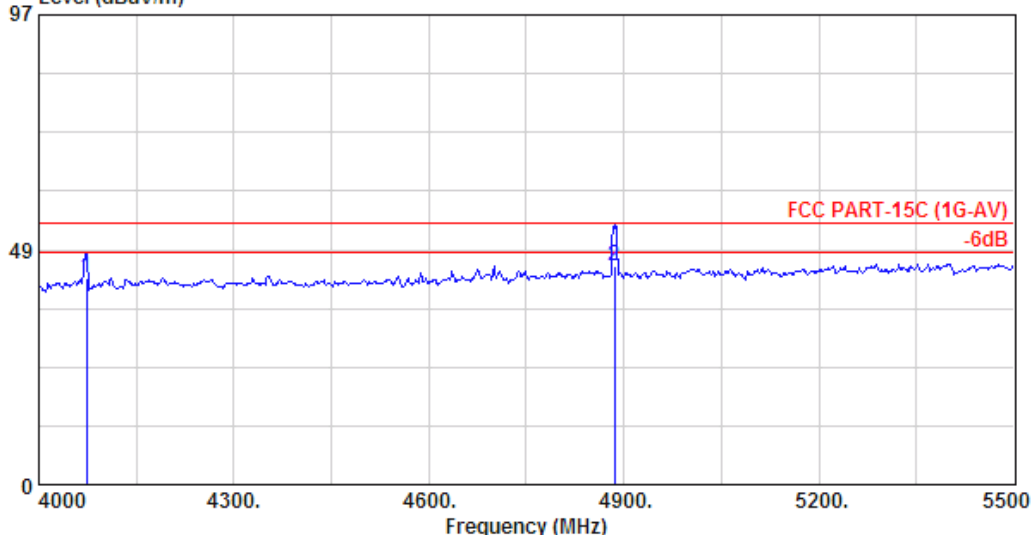
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 Email:ttemc@ttemc.com.tw

Data: 17 File: D:\EM981420\TX2442.240.EMI (18)
 Level (dBuV/m)



Site no.	: site	Data no.	: 17
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2442.240MHz		

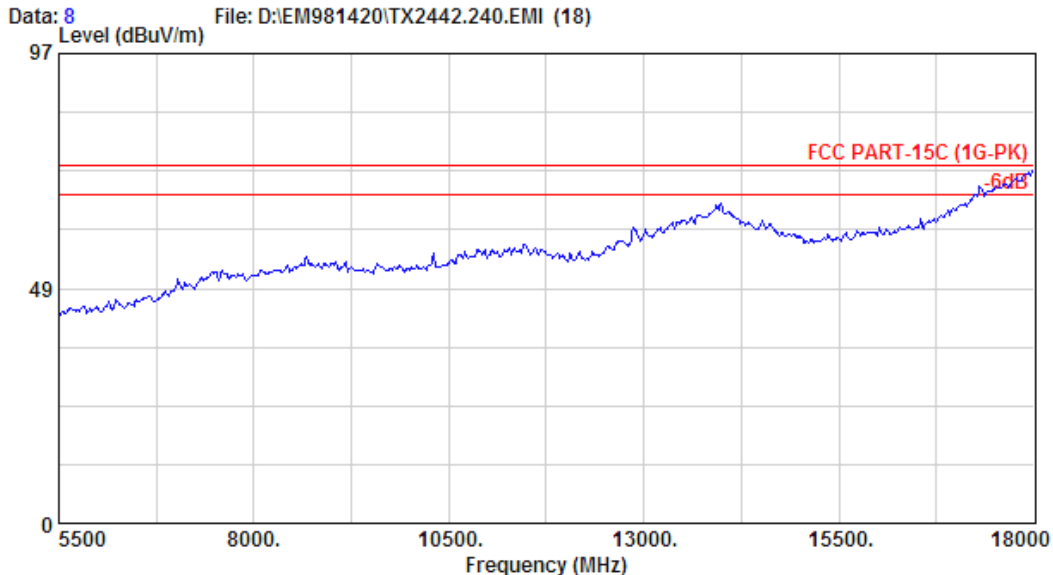
Data: 18 File: D:\EM981420\TX2442.240.EMI (18)
 Level (dBuV/m)



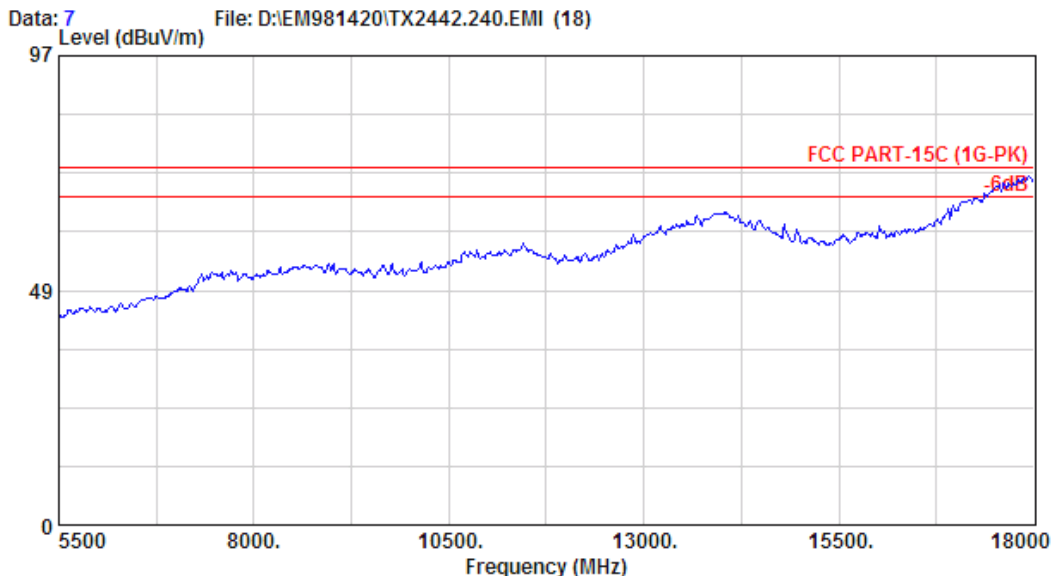
Site no.	: site	Data no.	: 18
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2442.240MHz		



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 Email:ttemc@ttemc.com.tw



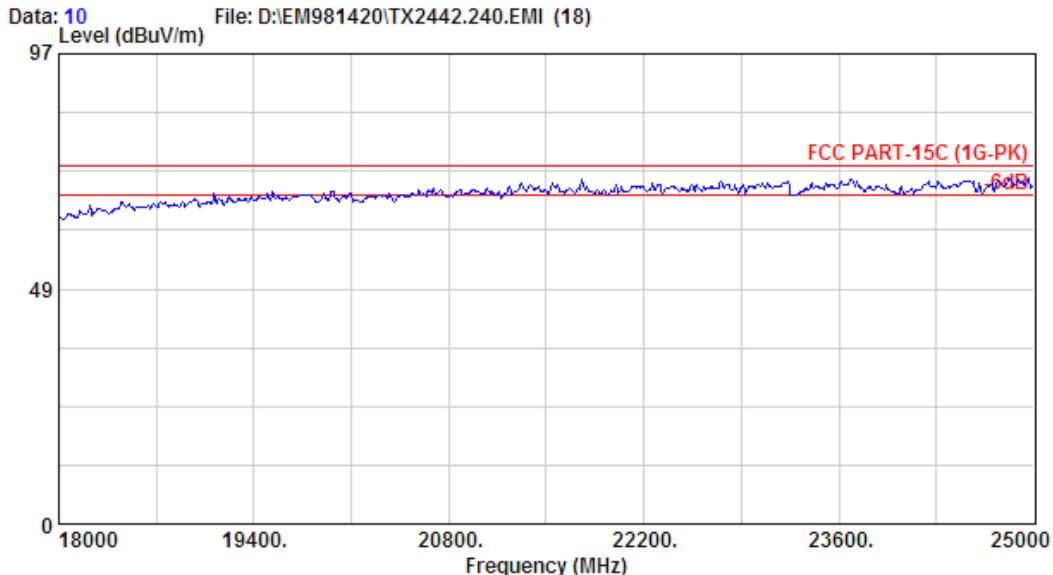
Site no.	: site	Data no.	: 8
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2442.240MHz		



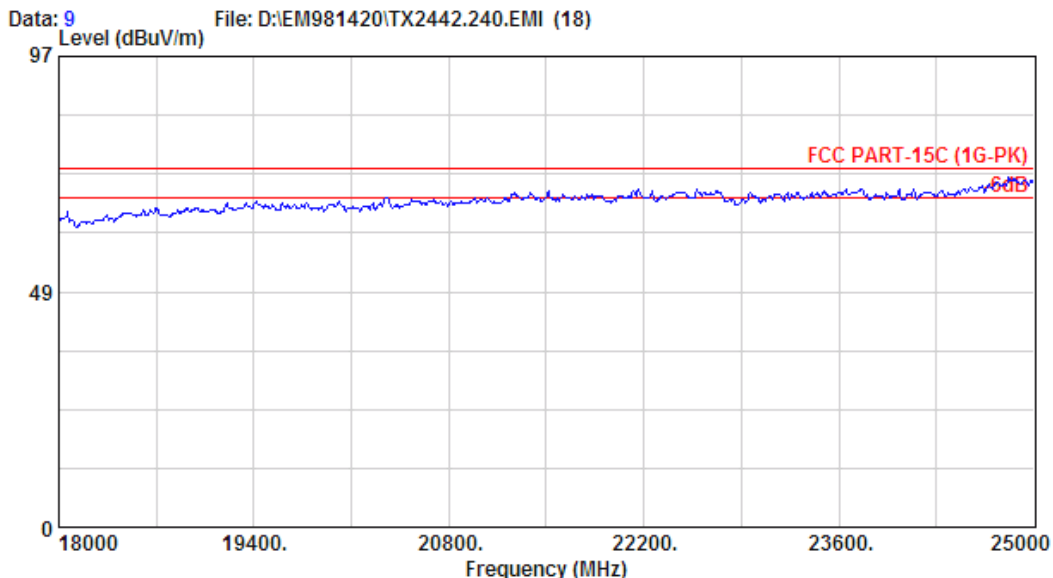
Site no.	: site	Data no.	: 7
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2442.240MHz		



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 Email:ttenc@ttenc.com.tw



Site no.	: site	Data no.	: 10
Dis. / Ant.	: 3m 3116	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2442.240MHz		

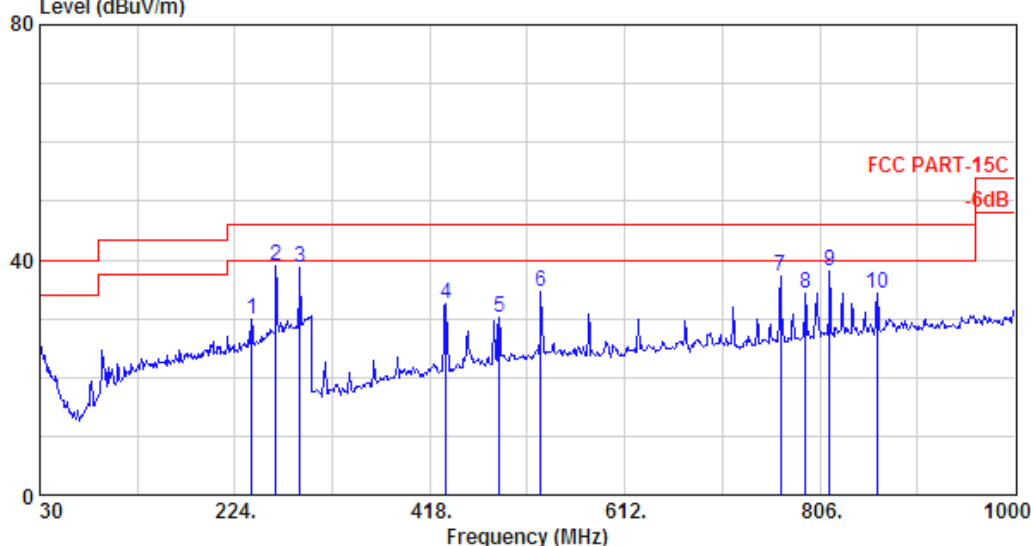


Site no.	: site	Data no.	: 9
Dis. / Ant.	: 3m 3116	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2442.240MHz		



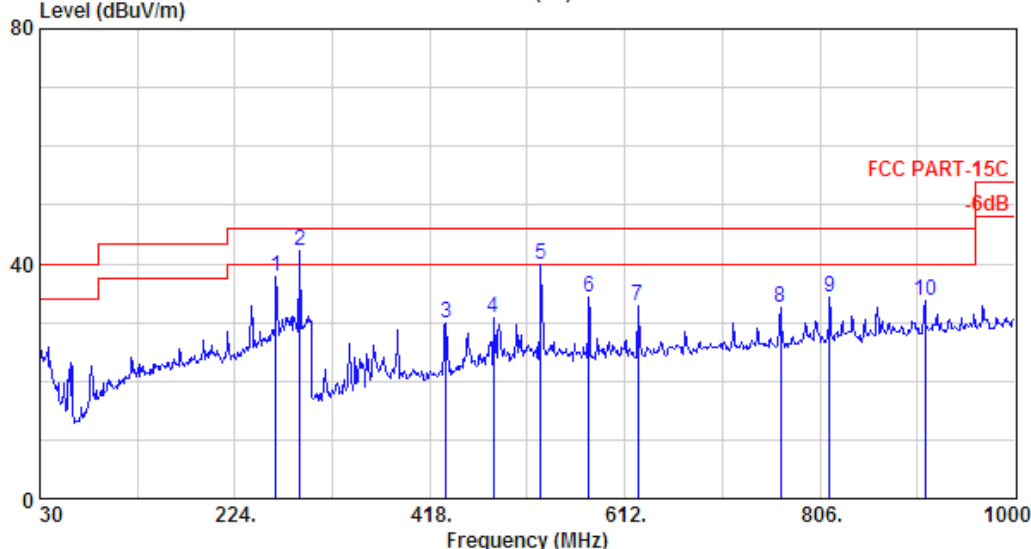
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Data: 12 File: D:\EM981420\TX2477.056.EMI (18)



Site no. : site Data no. : 12
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2477.056MHz

Data: 11 File: D:\EM981420\TX2477.056.EMI (18)

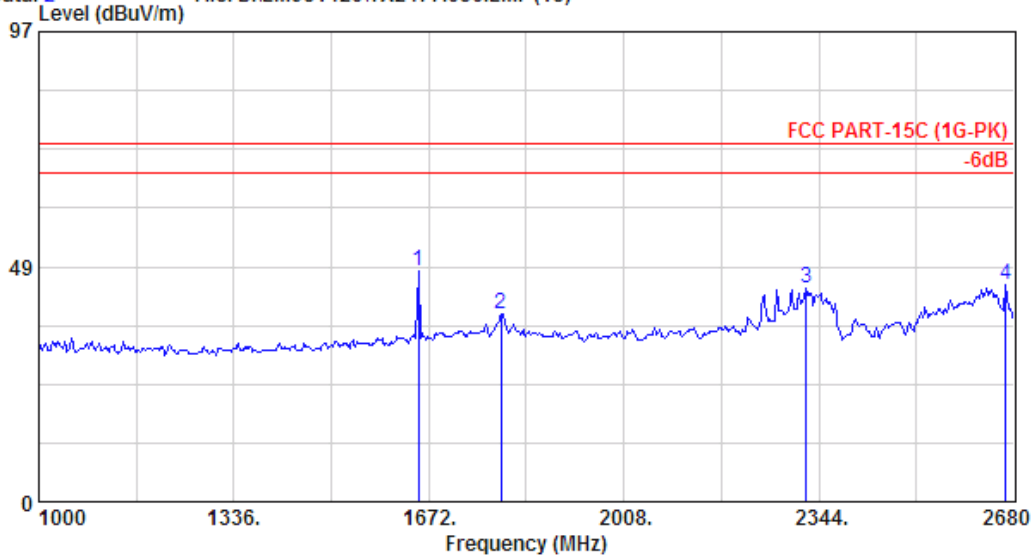


Site no. : site Data no. : 11
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : TX2477.056MHz



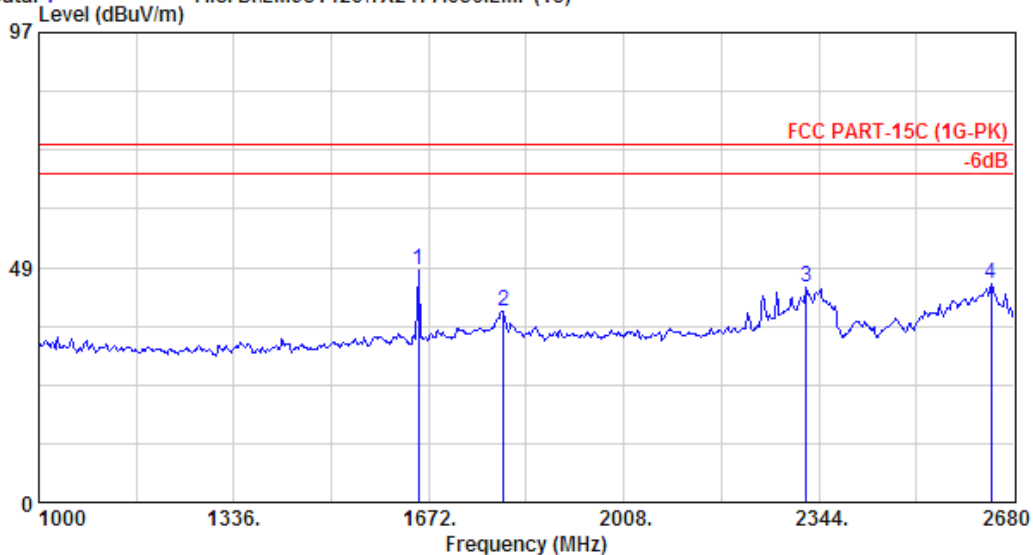
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 Email:ttemc@ttemc.com.tw

Data: 2 File: D:\EM981420\TX2477.056.EMI (18)



Site no.	: site	Data no.	: 2
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2477.056MHz		

Data: 1 File: D:\EM981420\TX2477.056.EMI (18)

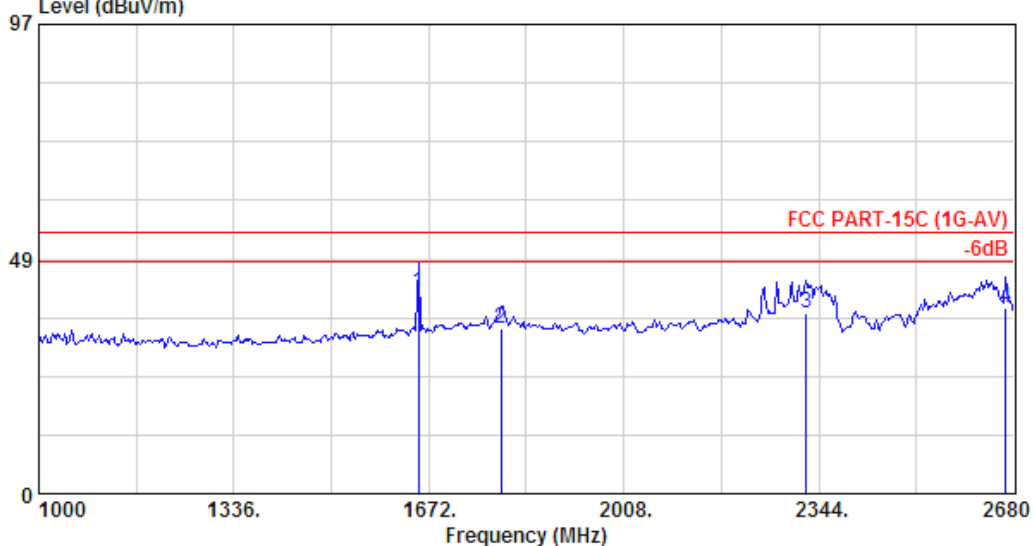


Site no.	: site	Data no.	: 1
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2477.056MHz		



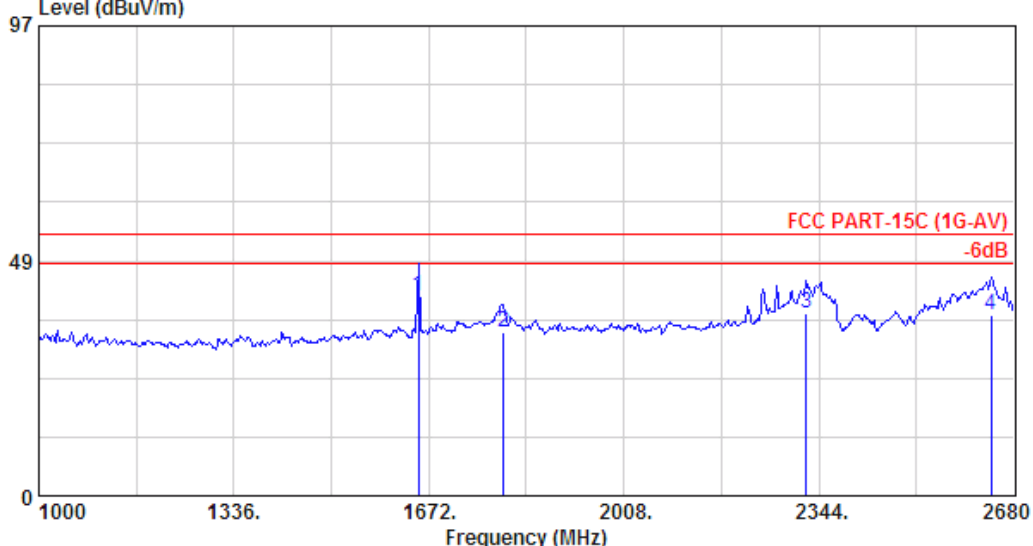
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Data: 14 File: D:\EM981420\TX2477.056.EMI (18)



Site no.	: site	Data no.	: 14
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2477.056MHz		

Data: 13 File: D:\EM981420\TX2477.056.EMI (18)

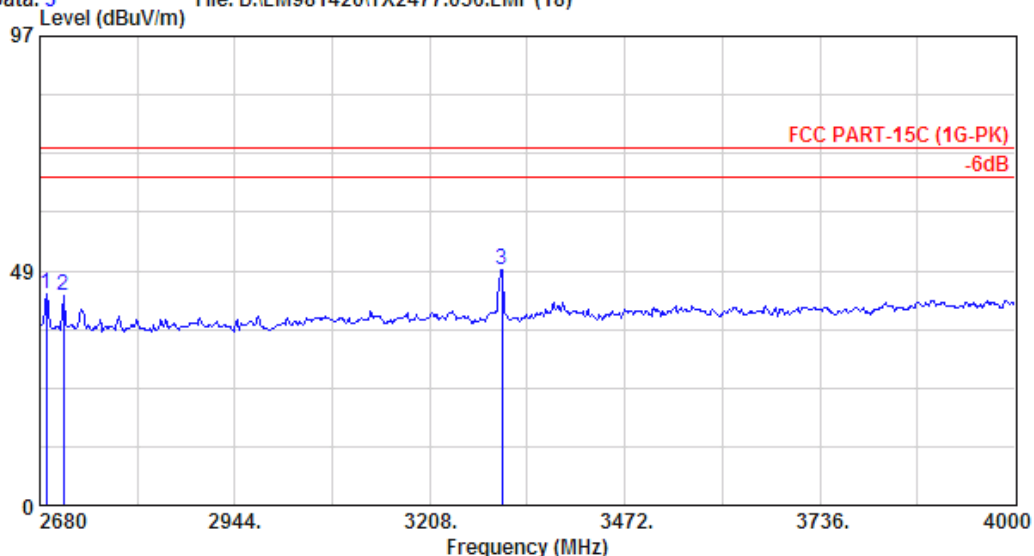


Site no.	: site	Data no.	: 13
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2477.056MHz		



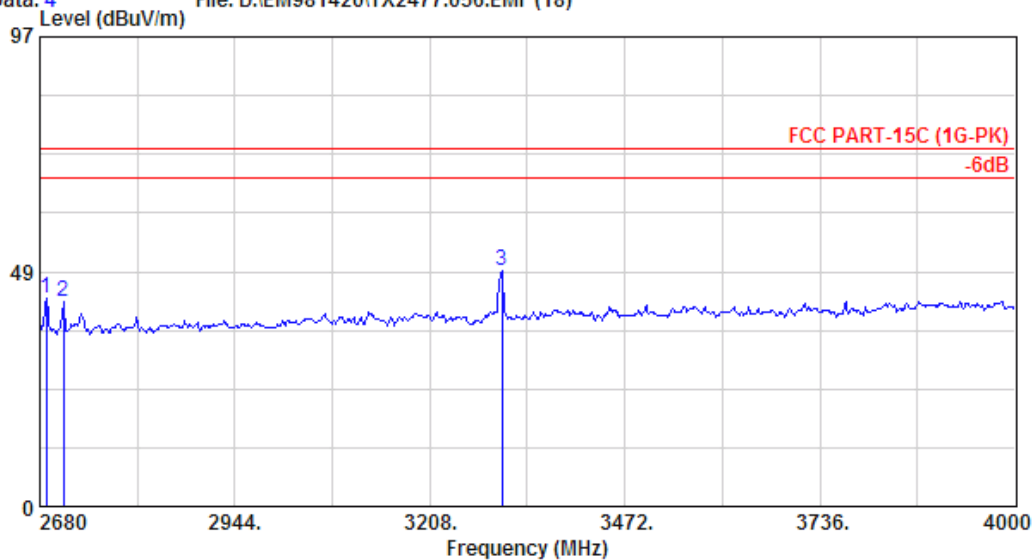
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 Email:ttemc@ttemc.com.tw

Data: 3 File: D:\EM981420\TX2477.056.EMI (18)



Site no.	: site	Data no.	: 3
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2477.056MHz		

Data: 4 File: D:\EM981420\TX2477.056.EMI (18)

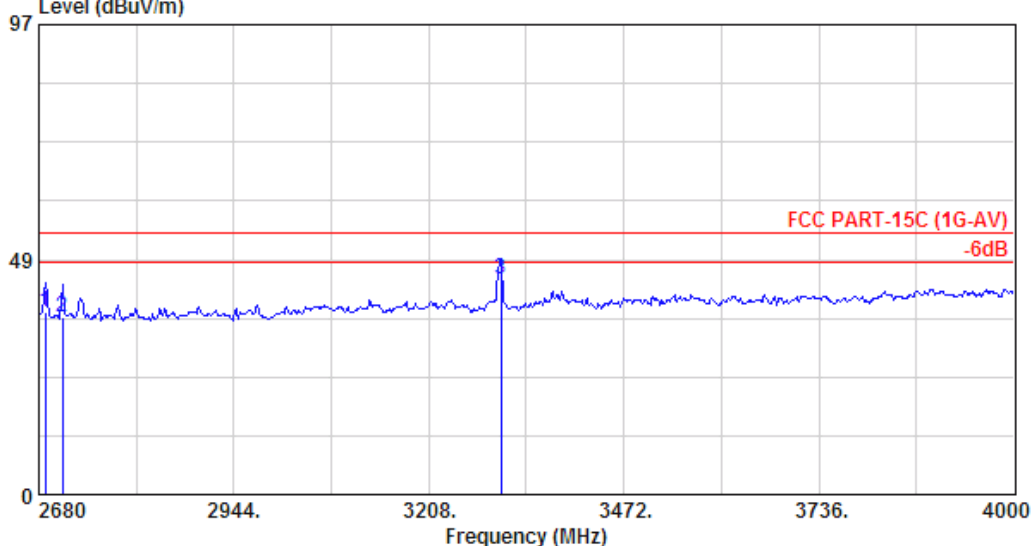


Site no.	: site	Data no.	: 4
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2477.056MHz		



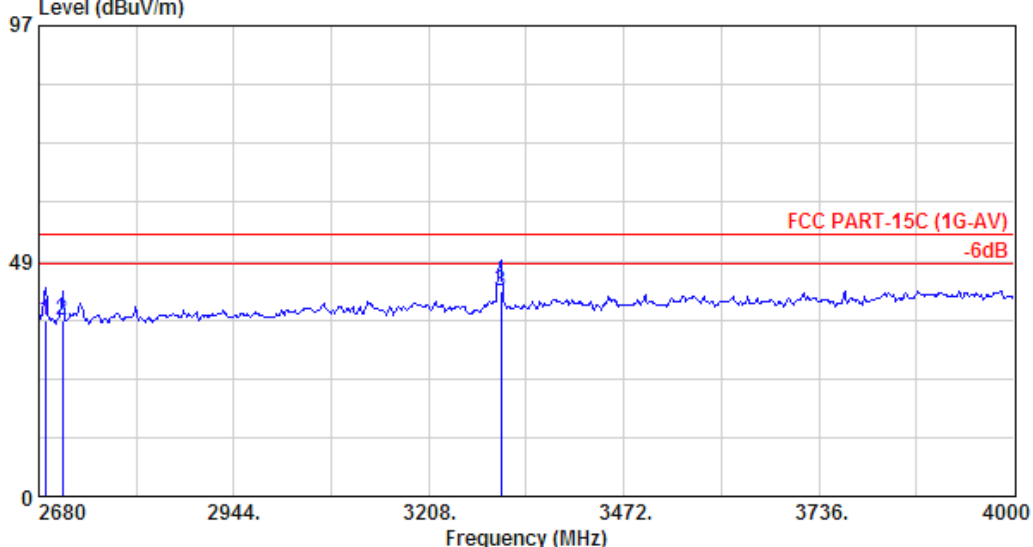
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Data: 15 File: D:\EM981420\TX2477.056.EMI (18)



Site no.	: site	Data no.	: 15
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2477.056MHz		

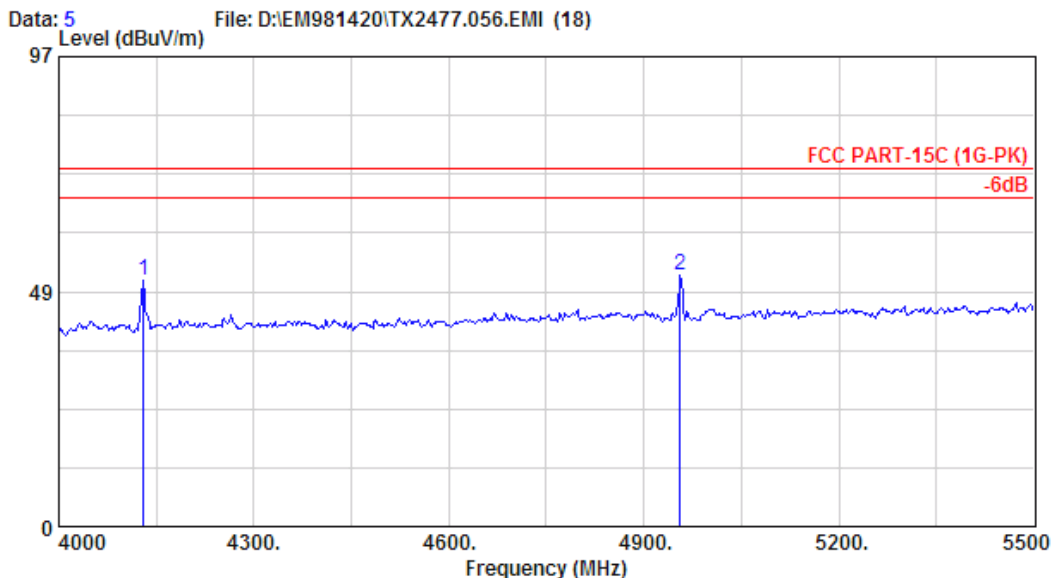
Data: 16 File: D:\EM981420\TX2477.056.EMI (18)



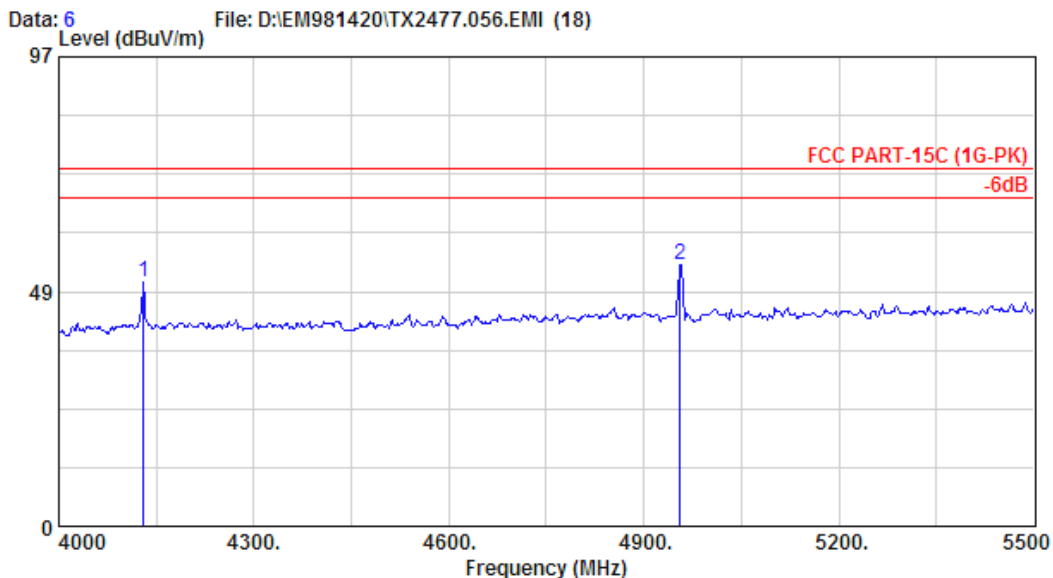
Site no.	: site	Data no.	: 16
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2477.056MHz		



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Site no.	: site	Data no.	: 5
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2477.056MHz		

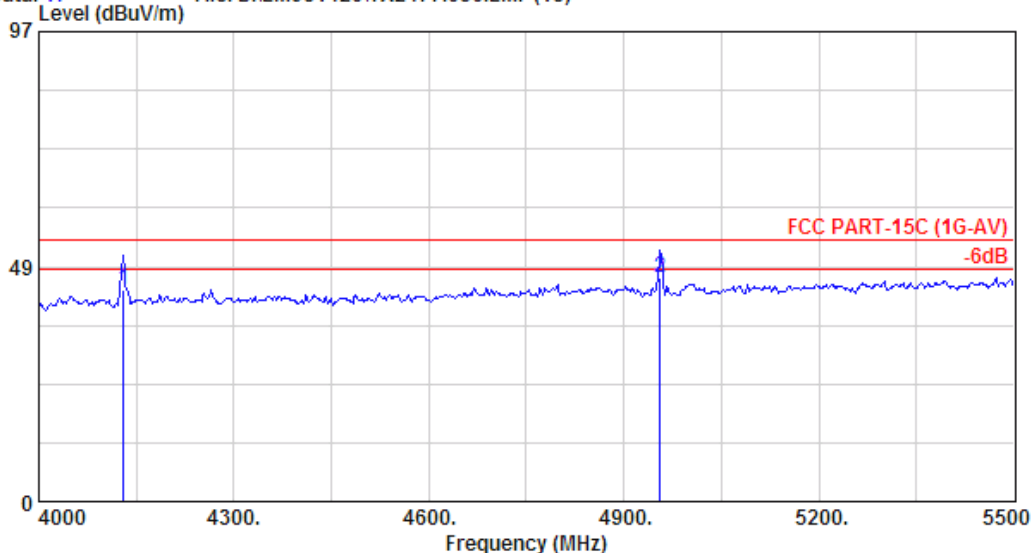


Site no.	: site	Data no.	: 6
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2477.056MHz		



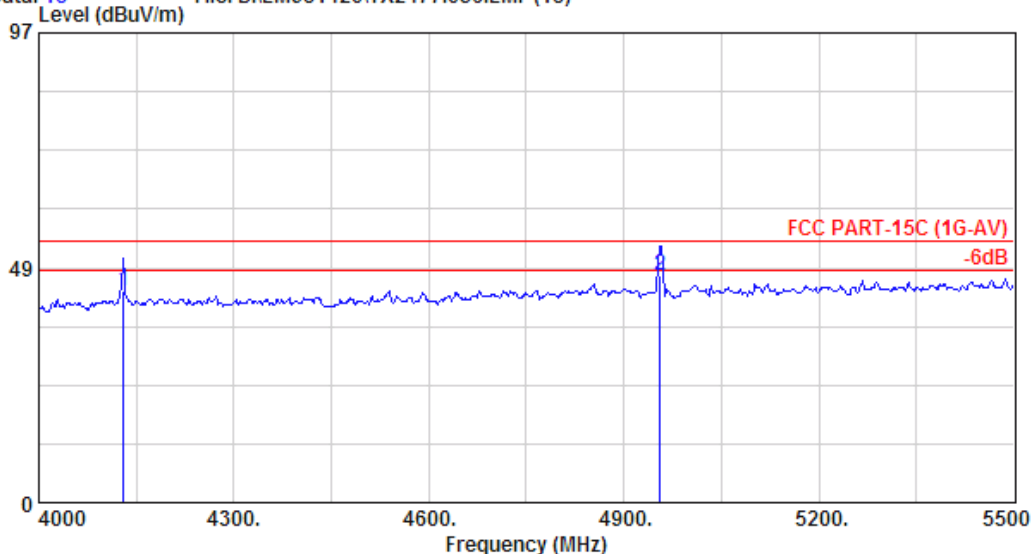
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Data: 17 File: D:\EM981420\TX2477.056.EMI (18)



Site no.	: site	Data no.	: 17
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2477.056MHz		

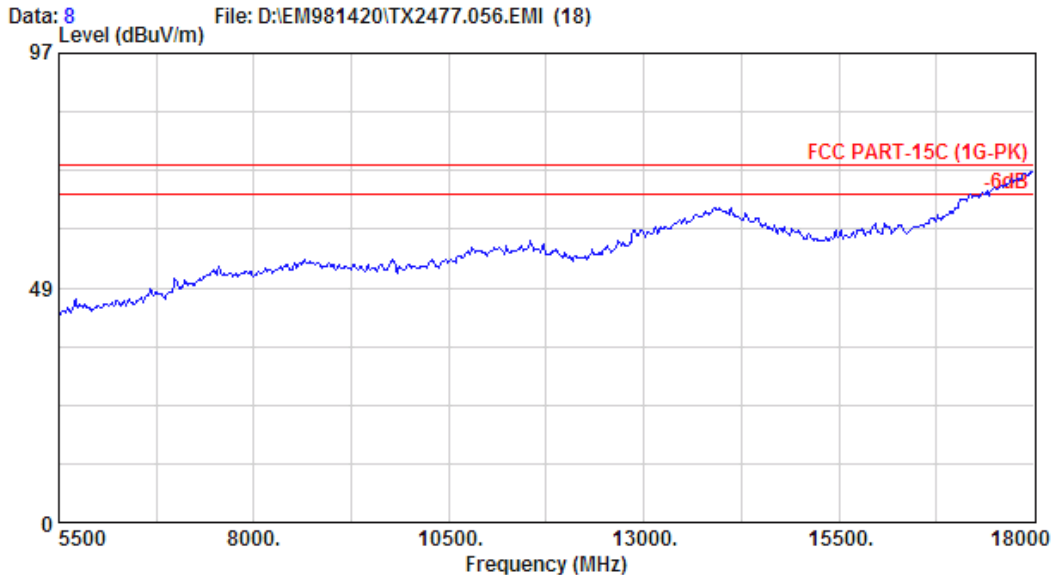
Data: 18 File: D:\EM981420\TX2477.056.EMI (18)



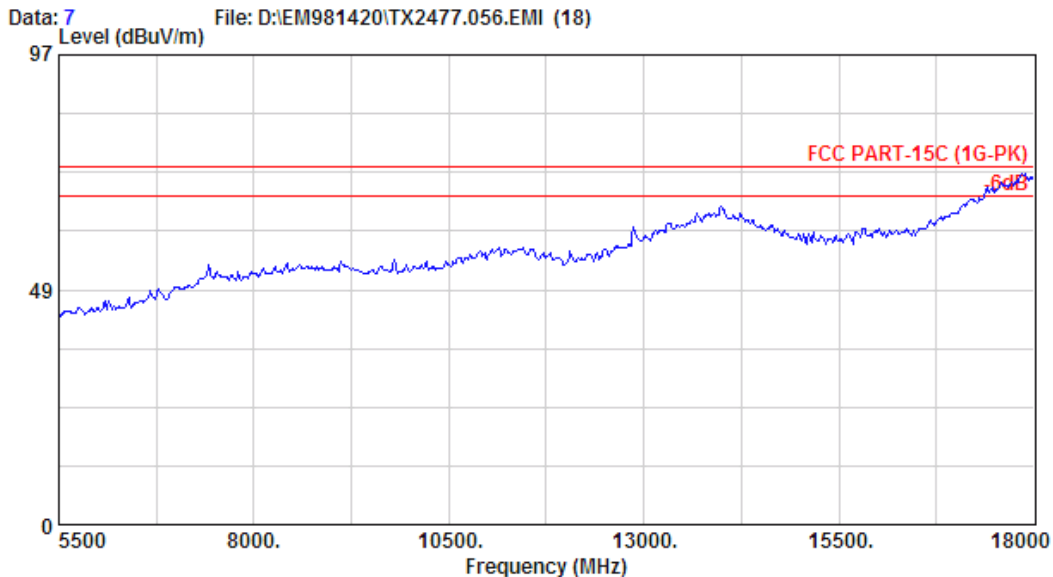
Site no.	: site	Data no.	: 18
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2477.056MHz		



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 Email:ttemc@ttemc.com.tw



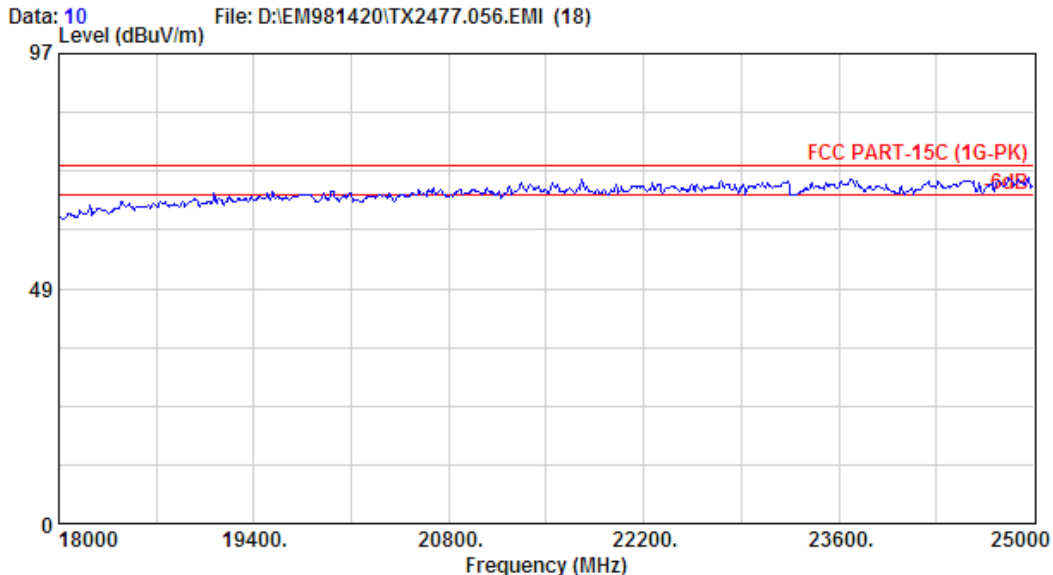
Site no.	: site	Data no.	: 8
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2477.056MHz		



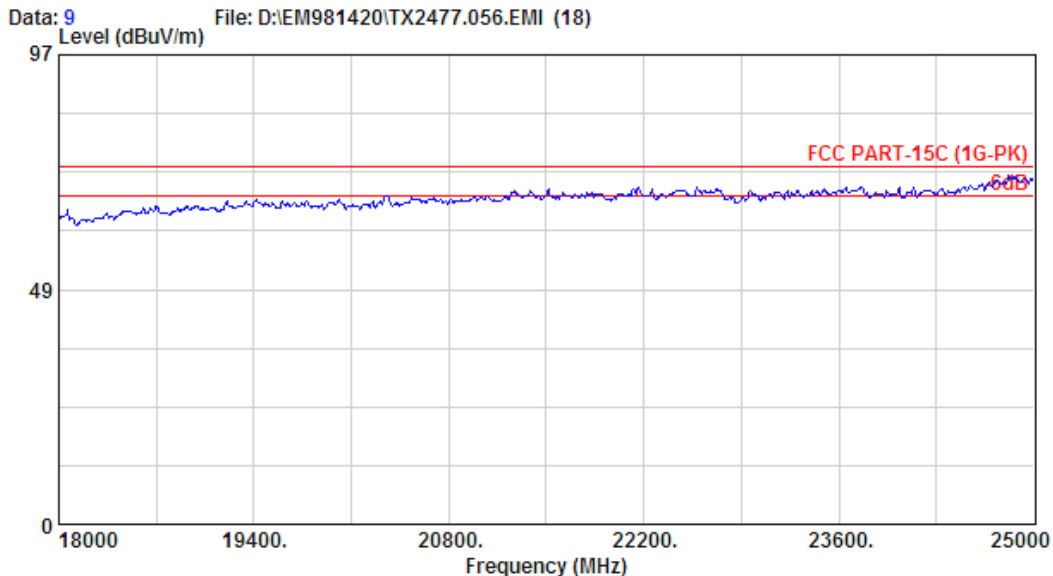
Site no.	: site	Data no.	: 7
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2477.056MHz		



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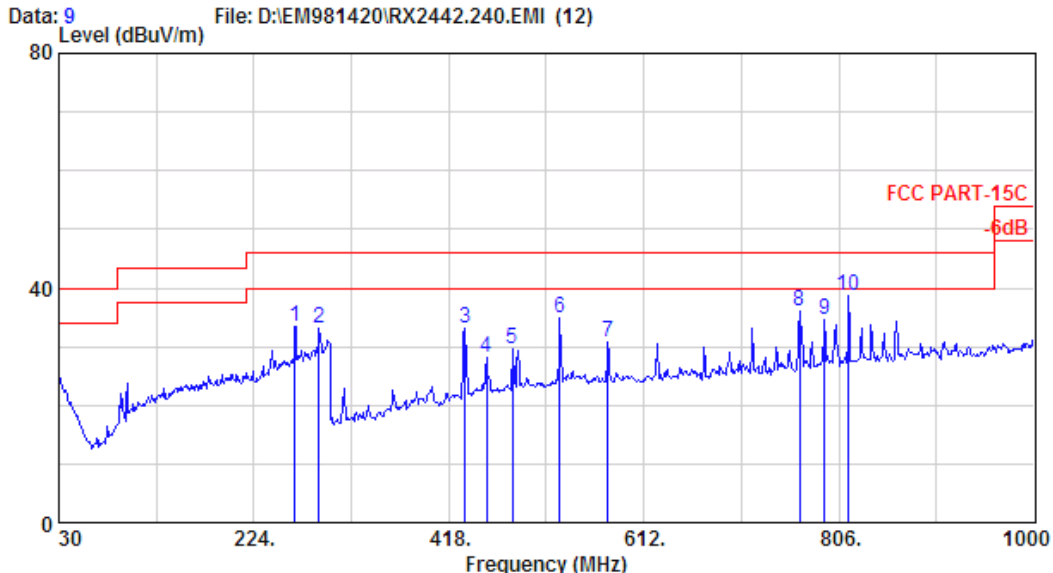
Site no.	: site	Data no.	: 10
Dis. / Ant.	: 3m 3116	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2477.056MHz		



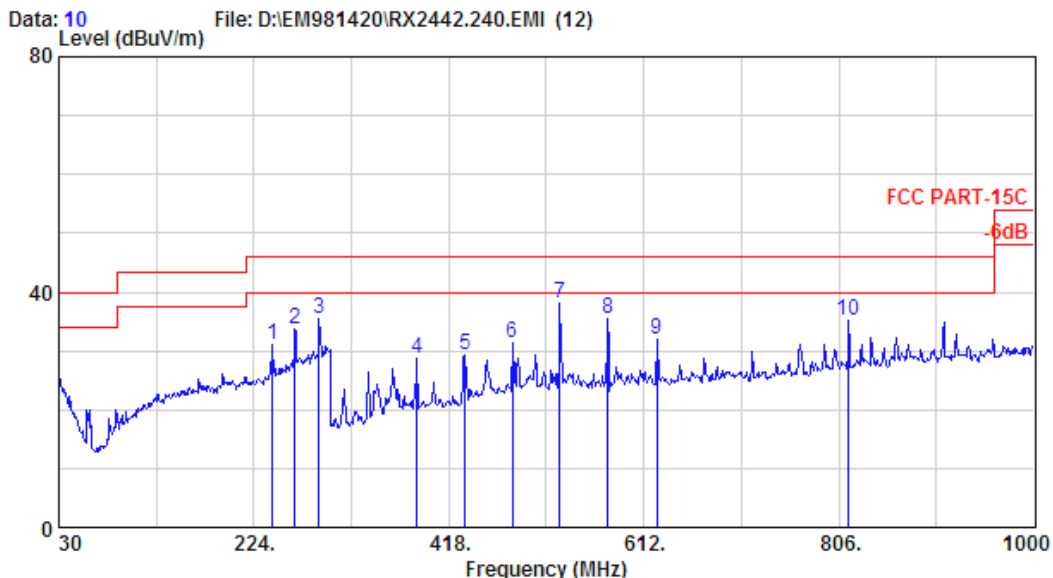
Site no.	: site	Data no.	: 9
Dis. / Ant.	: 3m 3116	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: TX2477.056MHz		



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 Email:ttemc@ttemc.com.tw



Site no. : site Data no. : 9
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : RX2442.240MHz

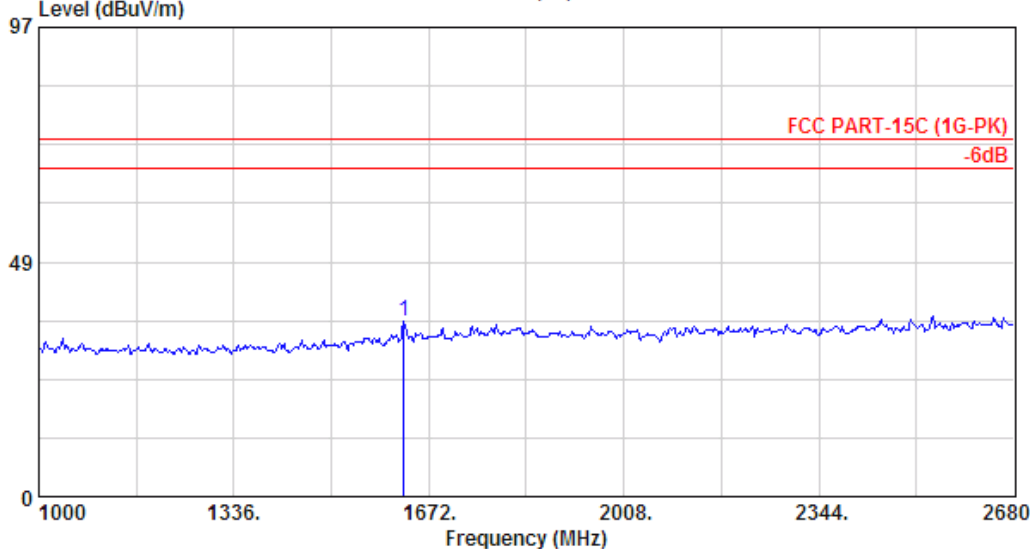


Site no. : site Data no. : 10
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : RX2442.240MHz



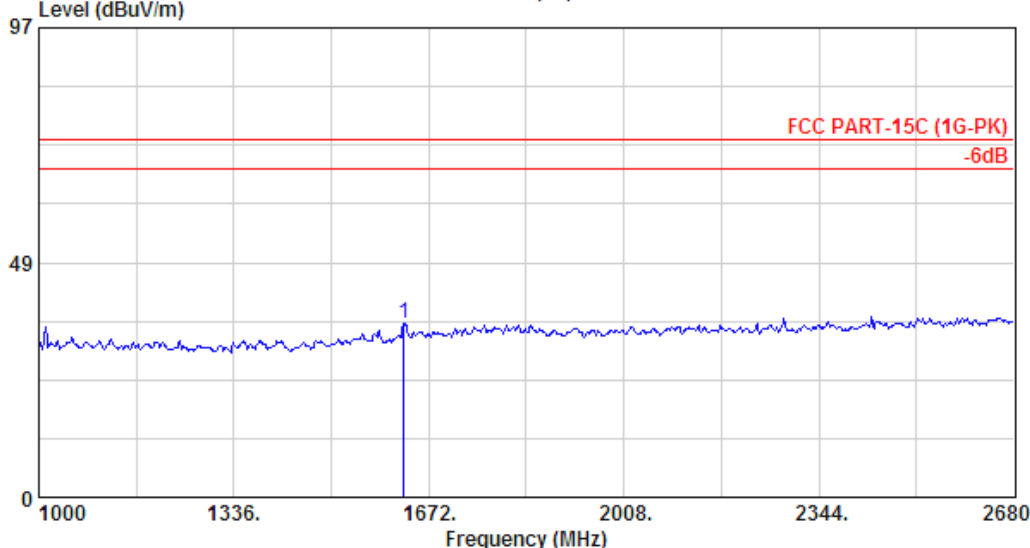
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Data: 1 File: D:\EM981420\RX2442.240.EMI (12)



Site no.	: site	Data no.	: 1
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: RX2442.240MHz		

Data: 2 File: D:\EM981420\RX2442.240.EMI (12)

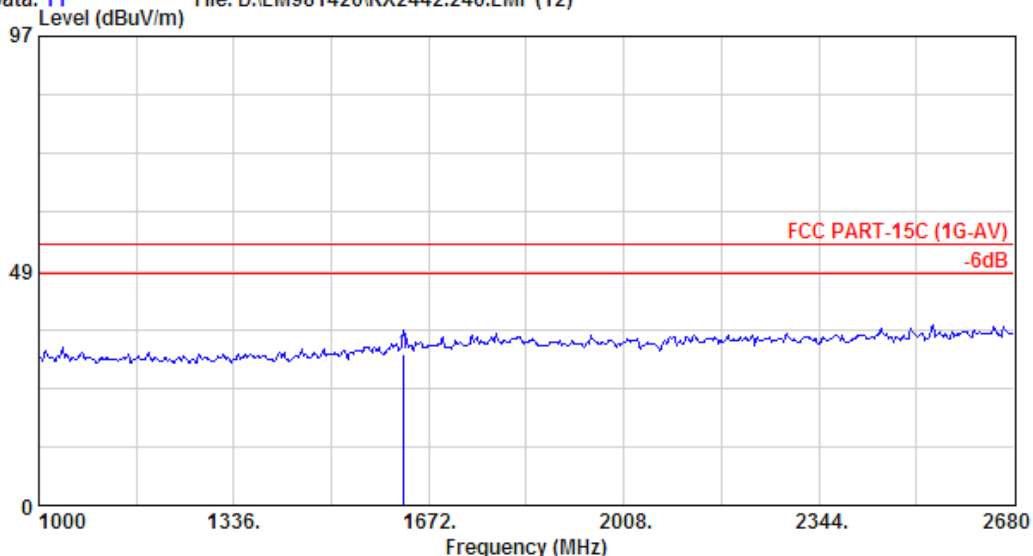


Site no.	: site	Data no.	: 2
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: RX2442.240MHz		



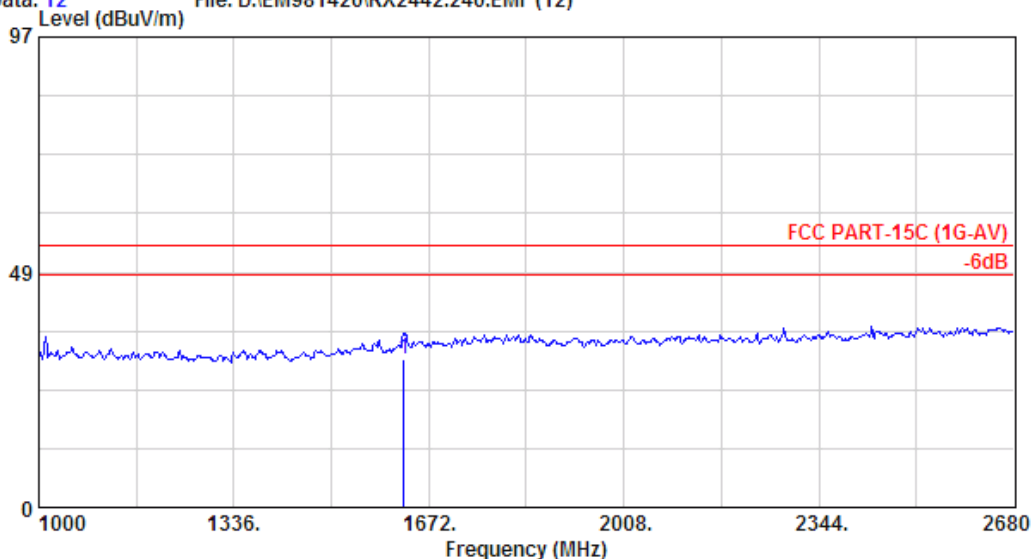
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Data: 11 File: D:\EM981420\RX2442.240.EMI (12)



Site no.	: site	Data no.	: 11
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: RX2442.240MHz		

Data: 12 File: D:\EM981420\RX2442.240.EMI (12)

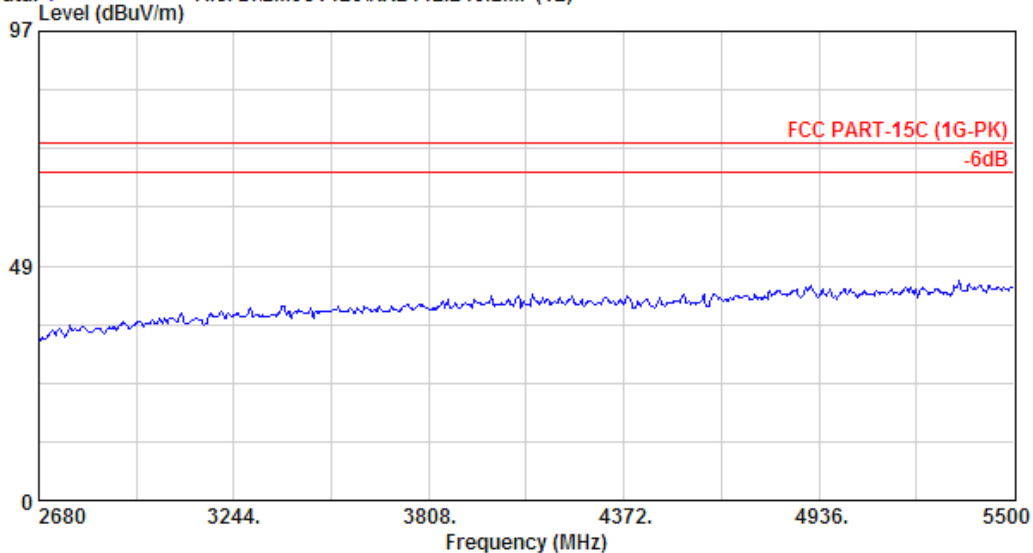


Site no.	: site	Data no.	: 12
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-AV)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: RX2442.240MHz		



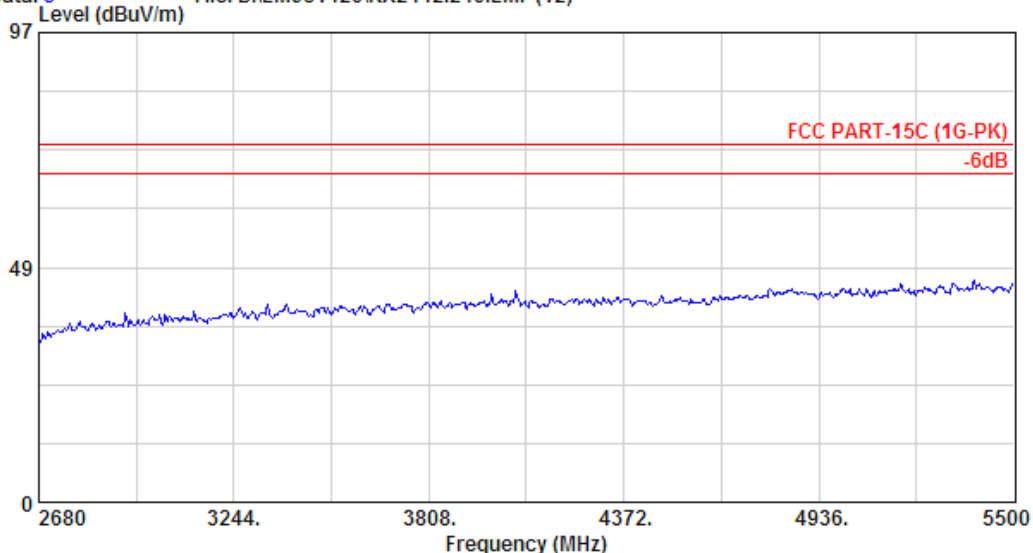
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Data: 4 File: D:\EM981420\RX2442.240.EMI (12)



Site no.	: site	Data no.	: 4
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: RX2442.240MHz		

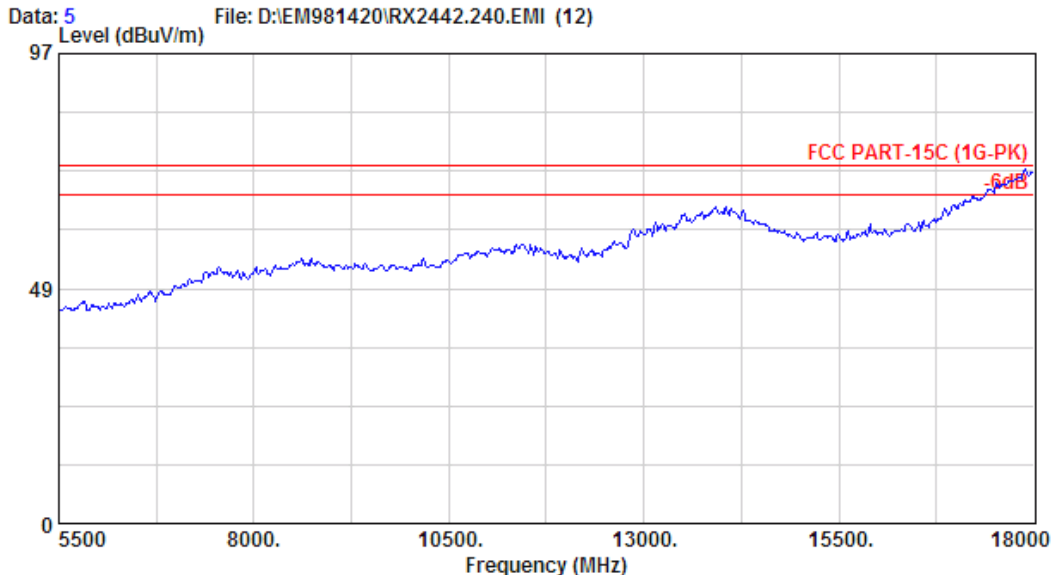
Data: 3 File: D:\EM981420\RX2442.240.EMI (12)



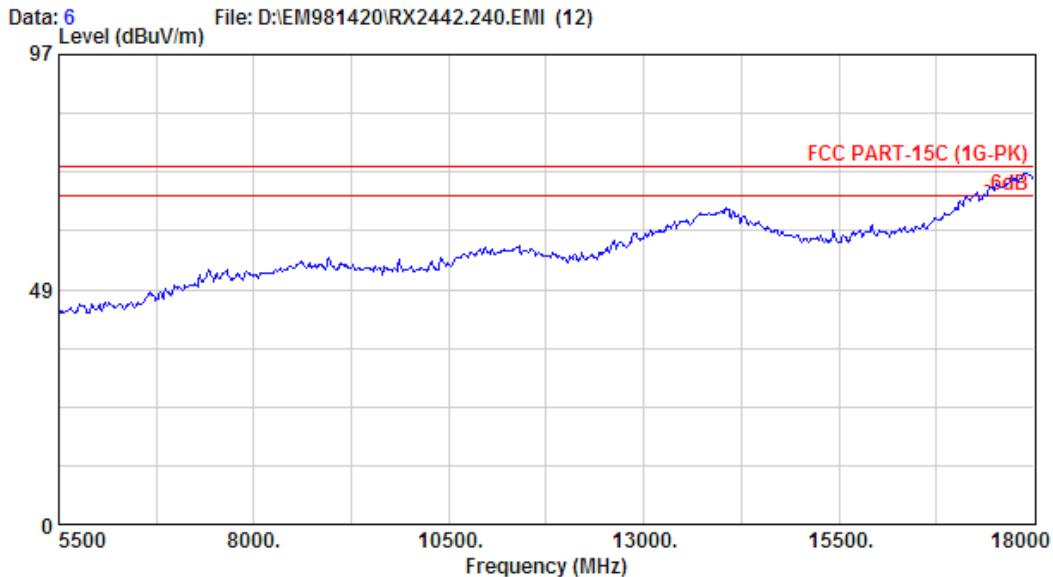
Site no.	: site	Data no.	: 3
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: RX2442.240MHz		



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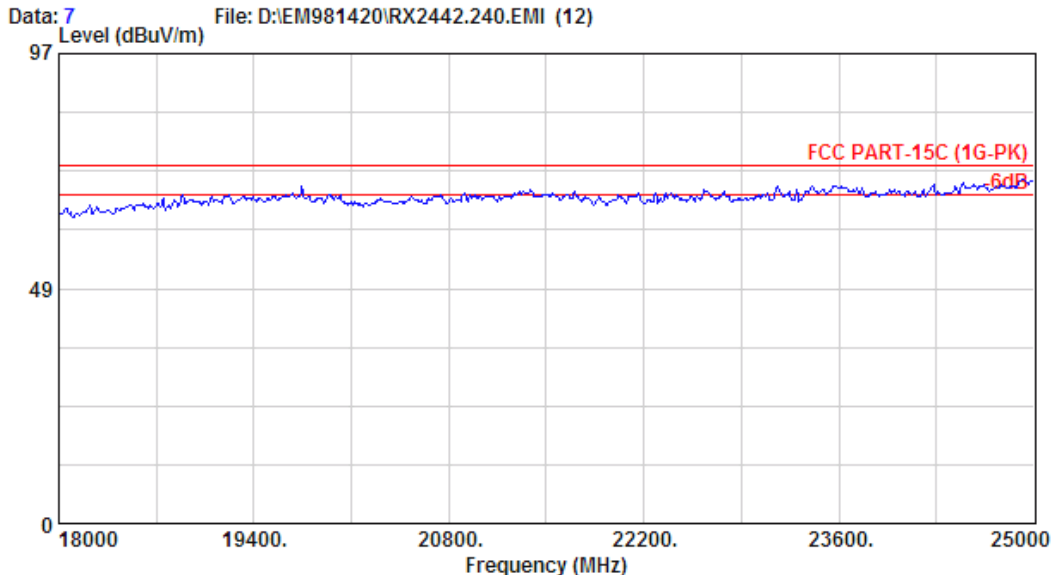
Site no.	: site	Data no.	: 5
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: RX2442.240MHz		



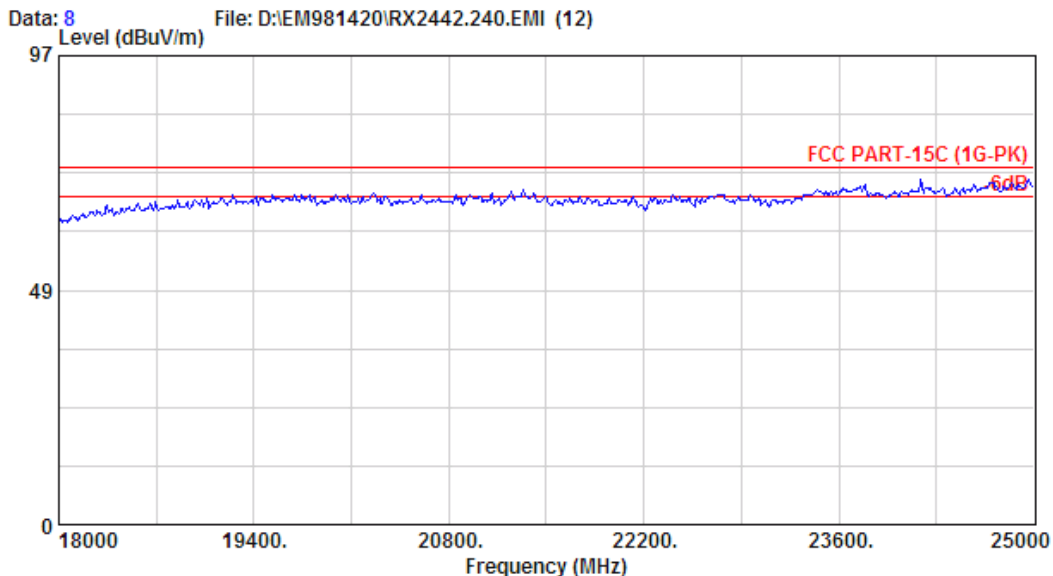
Site no.	: site	Data no.	: 6
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)	Engineer	: Jarwei Wang
Env. / Ins.	: 8564EC 26*C/53%		
EUT	: Radio Control M/N:T8FG		
Power Rating	: DC 7.2V		
Test Mode	: RX2442.240MHz		



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Site no. : site Data no. : 7
 Dis. / Ant. : 3m 3116 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : RX2442.240MHz



Site no. : site Data no. : 8
 Dis. / Ant. : 3m 3116 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564EC 26*C/53% Engineer : Jarwei Wang
 EUT : Radio Control M/N:T8FG
 Power Rating : DC 7.2V
 Test Mode : RX2442.240MHz