

FCC Test Report

for

Industrial Remote Control

Trade Name : Fomotech
Model Number : ALPHA 612 series
FCC ID : LZ6ALPHA612SERIES
IC : 2838A-A612
Report Number : RF-A340-0910-399
Date of Receipt : Feb. 2, 2009
Date of Report : May 21, 2009

Prepared for

Fomotech International Corp.

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Prepared by



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NVLAP LAB CODE 200575-0

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Verification of Compliance

Equipment under Test : Industrial Remote Control
Trade Name : Fomotech
Model No. : ALPHA 612 series
FCC ID : LZ6ALPHA612SERIES
IC : 2838A-A612
Manufacturer : Fomotech International Corp.
Applicant : Fomotech International Corp.
Address : 2F-1, 286-3, Hsin Ya Road, Chien Chen District,
Kaohsiung City 806, Taiwan, R.O.C.
Applicable Standards : 47 CFR part 15, Subpart C
RSS-210 Issue 7
Date of Testing : Feb. 20 ~27, 2009
Deviation : N/A
Condition of Test Sample : Engineering Sample

We, **Central Research Technology Co.**, hereby certify that one sample of the designated product was tested in our facility during the period mentioned above. The test records, data evaluation and Equipment Under Test (EUT) configurations shown in the present report are true and accurate representation of the measurements of the sample's RF characteristics under the conditions herein specified.

The test results show that the EUT as described in the present report is in compliance with the requirements set forth in the standards mentioned above and apply to the tested sample identified in the present report only. The test report shall not be reproduced, except in its entirety, without the written approval of Central Research Technology Co.

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Attachment 1 – Photographs of the Test Configurations

Attachment 2 –External Photographs of EUT

Attachment 3 –Internal Photographs of EUT

1 General Description

1.1 General Description of EUT

Equipment underTest : Industrial Remote Control
 Model No. : ALPHA 612 series
 Power in : Transmitter: 2.4Vdc; Receiver: 100 ~ 240Vac/50Hz,60Hz
 Test Voltage : Transmitter: 2.4Vdc; Receiver: 220Vac/60Hz
 Manufacturer : Fomotech International Corp.
 Channel Numbers : 68
 Frequency Range : 433.075~434.775MHz
 Test Frequency : 433.075MHz, 434.775MHz
 Modulation : F1D
 Function Description :

The EUT is used to transmit control command only. Please refer to the user's manual for the details.

1.2 Test Methodology

For this E.U.T., the radiated emissions measurement performed according to the procedures illustrated in ANSI C63.4:2003 and other required were illustrated in separate sections of this test report for detail.

Since the EUT is considered a portable unit, it was pre-tested on the positioned of each 3 axes. There for only the test configuration of the worse case- y axis was used for Radiated test.

Test Mode	Test Description
Mode 1	Operating on frequency 433.075MHz
Mode 2	Operating on frequency 434.775MHz

1.3 Applied standards

(1) Radiated Emission Requirement(15.231.(b))

In addition to the provisions of Section 15.205, the field strength of emissions from intentional radiators operated under this Section shall not exceed the following:

Fundamental Frequency (MHz)	Field Strength of Fundament (uV/m)	Field Strength of Spurious Emission (uV/m)
40.66 - 40.70	2250	225
70 – 130	1250	125
130 – 174	1250 to 3750**	125 to 375**
174 – 260	3750	375
260 – 470	3750 to 12500**	375 to 1250**
Above 470	12500	1250

** linear interpolations

[Where F is the frequency in MHz, the formulas for calculating the maximum permitted fundamental field strengths are as follows: for the band 130-174 MHz, uV/m at 3 meters = 56.81818(F) - 6136.3636; for the band 260-470 MHz, uV/m at 3 meters = 41.6667(F) - 7083.3333. The maximum permitted unwanted emission level is 20 dB below the maximum permitted fundamental level.]

(2) Bandwidth

The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.

(3) Dwell Time

A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

(4) Restricted Band

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
² 1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(2)
13.36 - 13.41			

¹ Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

² Above 38.6

1.4 The Support Units :

No.	Unit	Model No./ Serial No.	Teade Name	PowerCode	Supported by lab.
N/A					

1.5 Layout of Setup



(Transmitter)

Connecting Cables :

No.	Cable	Length	Shielded	Core	Shielded Backshell	Supported by lab.	Note
N/A							

Justification:

For both conducted and radiated emission below 1GHz, the system was configured for typical fashion as a customer could normal use it.

For radiated emission, measurement of radiated emission from digital circuit is performed with normal transmitting.

1.6 Test Capability

Test Facility

The test facility used for evaluating the conformance of the EUT with each standard in the present report meets what required in CISPR16-1-4, CISPR16-2-3 and ANSI C63.4.

Test Room	Type of Test Room	Descriptions
TR1	10m semi-anechoic chamber (23m×14m×9m)	Complying with the NSA requirements in documents CISPR 22 and ANSI C63.4. For the radiated emission measurement.
TR11	3m semi-anechoic chamber (9m × 6m × 6m)	
TR13	Test Site	For the RF conducted emission measurement.
TR5	Shielding Room (8m×5m×4m)	For the conducted emission measurement.

Test Laboratory Competence Information

Central Research Technology Co. has been accredited/filed/authorized by the agencies listed in the following table.

Certificate	Nation	Agency	Code	Mark
Accreditation Certificate	USA	NVLAP	200575-0	ISO/IEC 17025
	R.O.C. (Taiwan)	TAF	0905	ISO/IEC 17025
	R.O.C. (Taiwan)	BSMI	SL2-IN-E-0033, SL2-IS-E-0033, SL2-R1/R2-E-0033, SL2-A1-E-0033	ISO/IEC 17025
Site Filing Document	USA	FCC	474046, TW1053	Test facility list & NSA Data
	Canada	IC	4699A-1, -3	Test facility list & NSA Data
	Japan	VCCI	R-1527,C-1609,T-131,T-1441	Test facility list & NSA Data
Authorization Certificate	Germany	TUV	10021687-2007	ISO/IEC 17025
	Norway	Nemko	ELA212	ISO/IEC 17025

The copy of each certificate can be downloaded from our web site: www.crc-lab.com

2 Radiated Emission

Test Result: Pass

2.1 Applied standard

According to 15.231(b), In addition to the provisions of Section 15.205, the field strength of emissions from intentional radiators operated under this Section shall not exceed the following:

Fundamental Frequency (MHz)	Field Strength of Fundament (uV/m)	Field Strength of Spurious Emission (uV/m)
40.66 - 40.70	2250	225
70 – 130	1250	125
130 – 174	1250 to 3750**	125 to 375**
174 – 260	3750	375
260 – 470	3750 to 12500**	375 to 1250**
Above 470	12500	1250

** linear interpolations

The formula for calculating the limit of field strength of fundament is $41.6667 \times 433.30 - 7083.3333 = 10970.84 \text{ uV/m} = 80.8 \text{ dBuV/m}$, the limit of spurious emission is $60.8 \text{ dBuV/m (Average)}$

Spurious emissions shall be attenuated to the average (or, alternatively, CISPR quasi-peak) limits shown in this table or to the general limits shown in Section 15.209, whichever limit permits a higher field strength.

2.2 Test Instruments

Test Site and Equipment	Manufacturer	Model No./Serial No.	Last Calibration Data	Calibration Due Data
Spectrum Analyzer	Agilent	E4407B/ MY45106795	2008/3/19	2009/3/18
EMI Receiver	R&S	ESCI/ 100316	2009/2/10	2010/2/09
Antenna	EMCO	3142C/52088	2008/7/25	2009/7/24
Antenna	EMCO	3117/ 2847	2009/1/21	2010/1/20
Pre-amplifier	Mini Circuit	ZKL-2/004	2009/2/11	2010/2/10
Pre-amplifier	MITEQ	AMF-4D-005180-24-1 0P/ 1072962	2008/8/19	2009/8/18
Test Software	Audix	e3/ Ver. 4.3.714.e	NCR	NCR
TR11 Semi - anechoic Chamber	ETS-Lindgren	TR11	2008/6/30	2009/6/29

Note:

1. The calibrations are traceable to NML/ROC.
2. NCR : No Calibration Required.
3. The calibration date of the semi-anechoic chamber listed above is the date of NSA measurement.

Instrument Setting

RBW	VBW	Detector	Trace	Comment
100KHz	N/A	Peak/Average	Maxhold	Field Strength of Fundament
120kHz	N/A	Quasi-Peak	Maxhold	Below 1GHz
1MHz	1MHz	Peak	Maxhold	Above 1GHz Peak

Climatic Condition

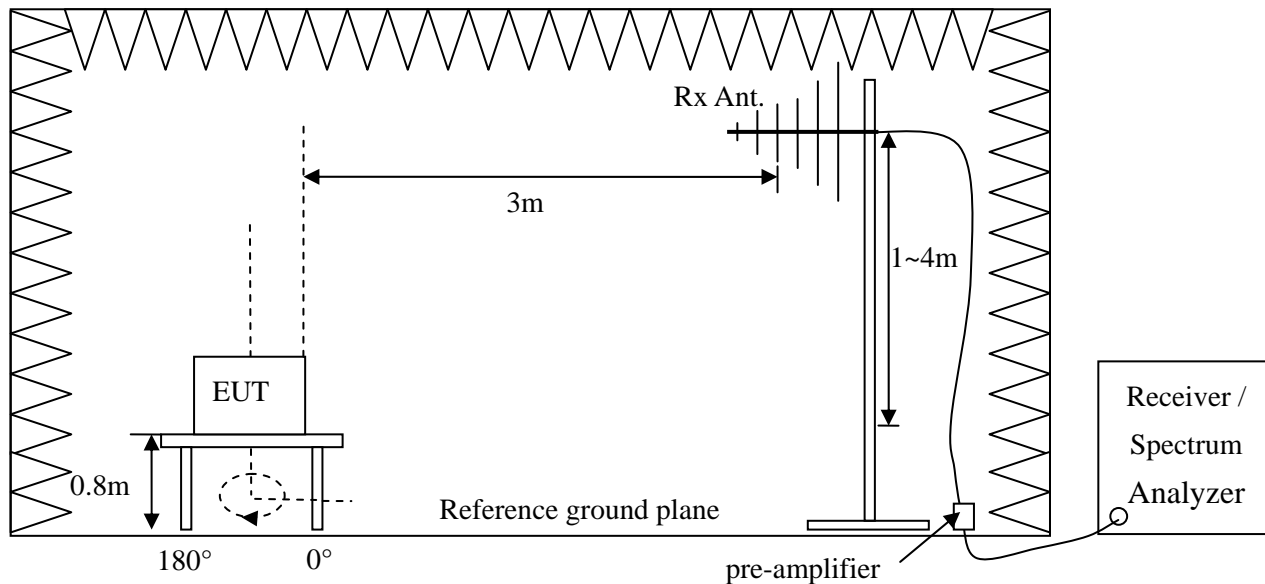
Ambient Temperature : 28°C ; Relative Humidity : 64%

2.3 Measurement Procedure

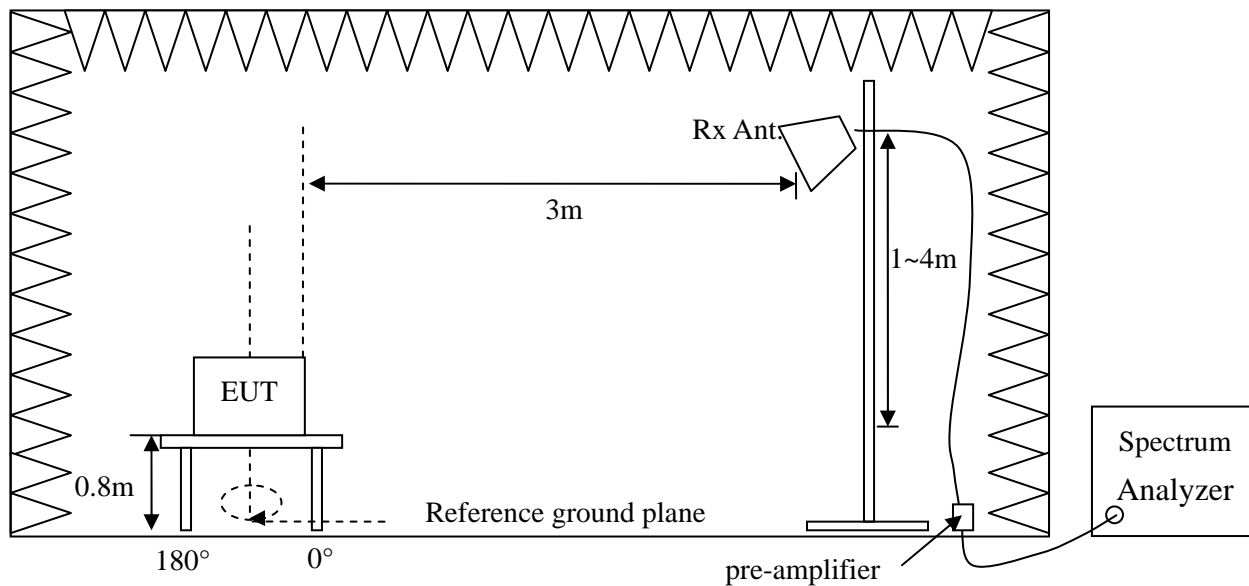
- a. The EUT was set up per the test configuration figured in the next section of this chapter to simulate the typical usage per the user's manual.
- b. If the EUT is tabletop equipment, it was placed on a non-conducted table with a height of 0.8 meters above the reference ground plane in the semi-anechoic chamber. If the EUT is floor-standing equipment, it was placed on a non-conducted support with a height of 12 millimeters above the reference ground plane in the semi-anechoic chamber.
- c. The EUT was set 3m away from the interference receiving antenna.
- d. Rapidly sweep the signal in the test frequency range by using the spectrum through the Maximum-peak detector.
- e. Rotate the EUT from 0° to 360° and position the receiving antenna at heights from 1 to 4 meters above the reference ground plane continuously to determine at least six frequencies associated with higher emission levels and record them.
- f. For measurement of frequency above 1000MHz, the beamwidth of receiving horn antenna should keep covering EUT when the receiving horn antenna height varied.
- g. Then measure each frequency found from step e. by using the spectrum with rotating the EUT and positioning the receiving antenna height to determine the maximum level.
- h. Finely tune the antenna and turntable around the recorded position of each frequency found from step f.
- i. For measurement of frequency below 1000MHz, set the receiver detector to be Quasi-Peak per CISPR 16-1 to find out the maximum level occurred.
- j. For measurement of frequency above 1000MHz, set the spectrum detector to be Peak or Average to find out the maximum level occurred, if any.
- k. Record frequency, azimuth angle of the turntable, height, and polarization of the receiving antenna and compare the maximum level with the required limit.
- l. Change the receiving antenna to another polarization to measure radiated emission by following step d. to k. again.
- m. If the peak emission level measured from step e. is 4dB lower than the limit specified, then the emission values presented will be the peak value only. Otherwise, accurate Q.P. value will be measured and presented.

2.4 Test configuration

Radiated Emission Measurement below 2000MHz



Radiated Emission Measurement above 1000MHz (if any)



2.5 Test Data

Field Strength of Fundament

Test Mode : mode 1
Test Distance : 3m **Tester** : Jun

Frequency (MHz)	Polarization	Reading Data (dBuV)		Correction Factor (dB/m)	Field Strength (dBµV/m)		Limit (dBµV/m)		Margin (dB)	
		PK	AV		PK	AV	PK	AV	PK	AV
433.075	V	80.31	--	-8.66	71.65	68.35	100.8	80.8	29.15	12.45
433.075	H	92.48	--	-8.66	83.82	80.52	100.8	80.8	16.98	0.28

Test Mode : mode 2

Frequency (MHz)	Polarization	Reading Data (dBuV)		Correction Factor (dB/m)	Field Strength (dBµV/m)		Limit (dBµV/m)		Margin (dB)	
		PK	AV		PK	AV	PK	AV	PK	AV
434.775	V	81.12	--	-8.62	72.50	69.20	100.8	80.8	28.30	11.60
434.775	H	92.17	--	-8.62	83.55	80.25	100.8	80.8	17.25	0.55

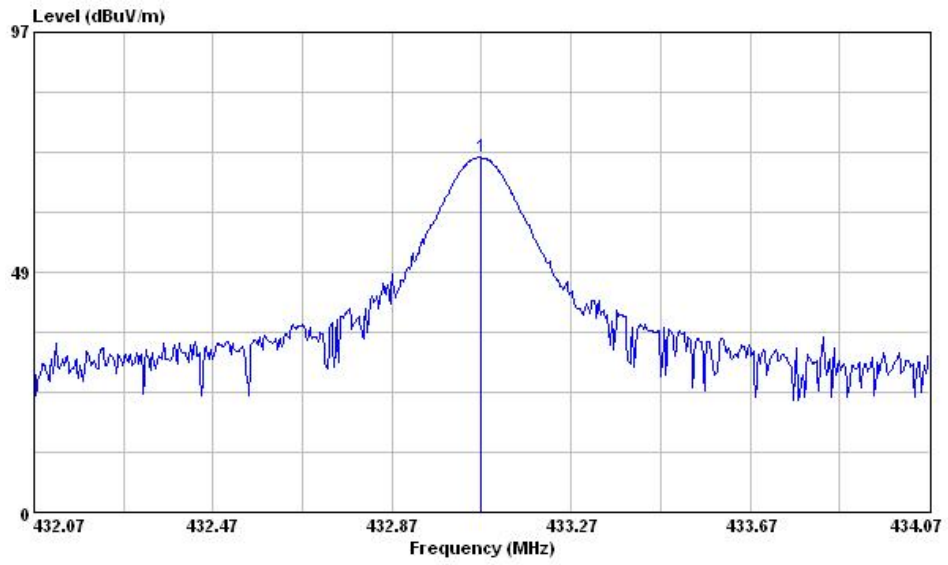
Note :

1. Correction Factor (dB/m) = Cable Loss + Antenna Factor – Gain of Preamplifier
2. Field Strength (dBuV/m) = Reading Data + Correction Factor
3. Margin (dB) = Limit – Field Strength
4. The average value of fundamental frequency is: Average = Peak value + 20log(Duty cycle)
 Where the duty factor is calculated from following formula:

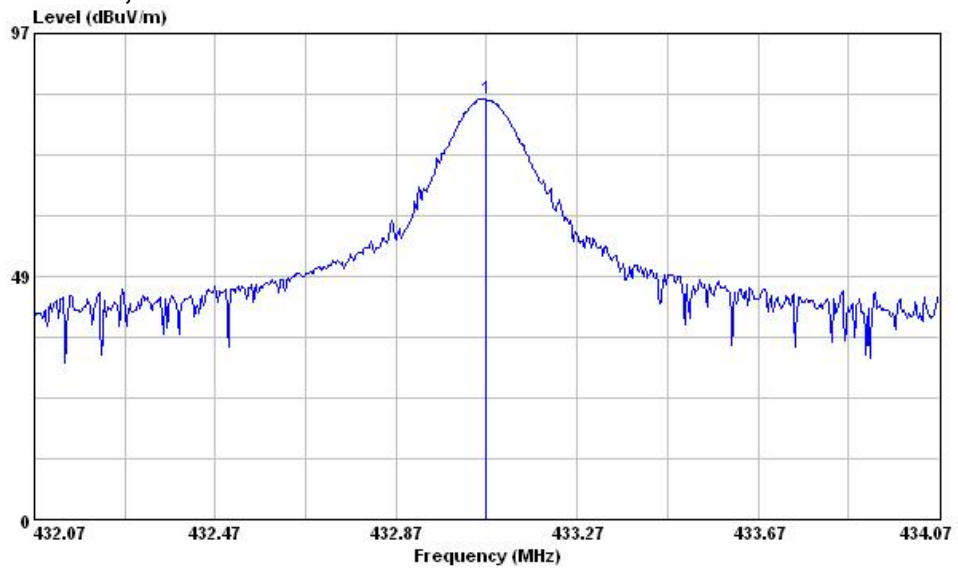
$$20\log(\text{Duty cycle}) = 20\log \frac{68.4}{100} = -3.30\text{dB}$$

please see page 17 for plotted duty cycle.

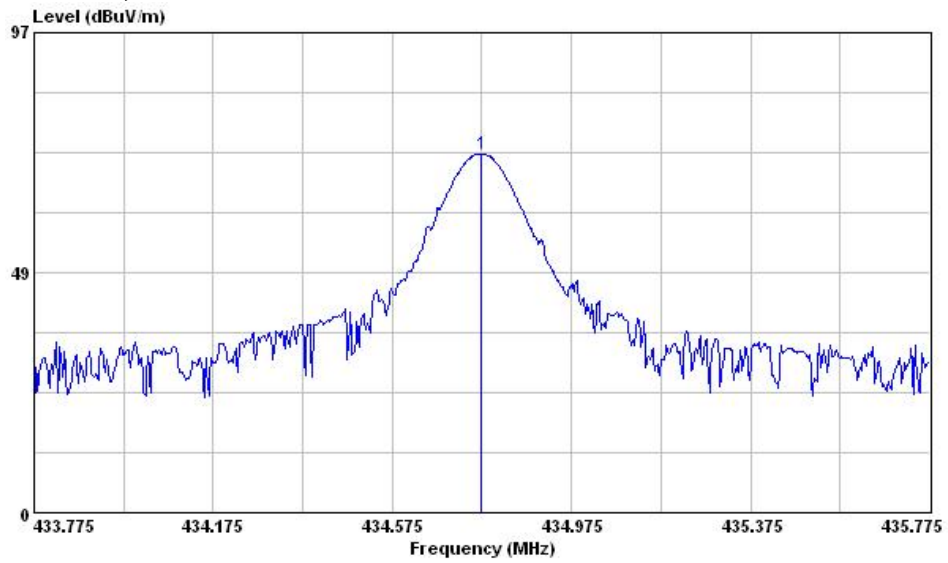
Mode 1 (433.075MHz)
V Polarization, PK



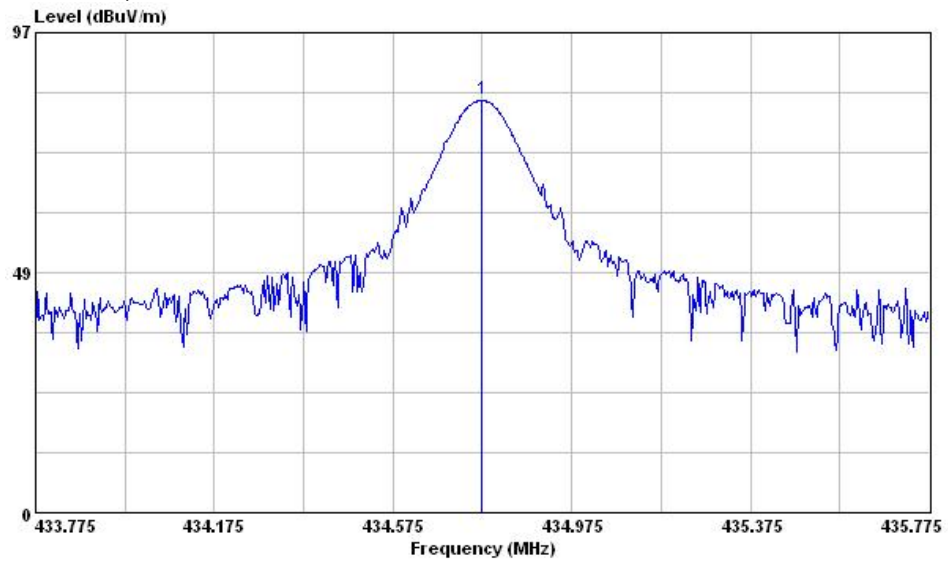
H Polarization, PK



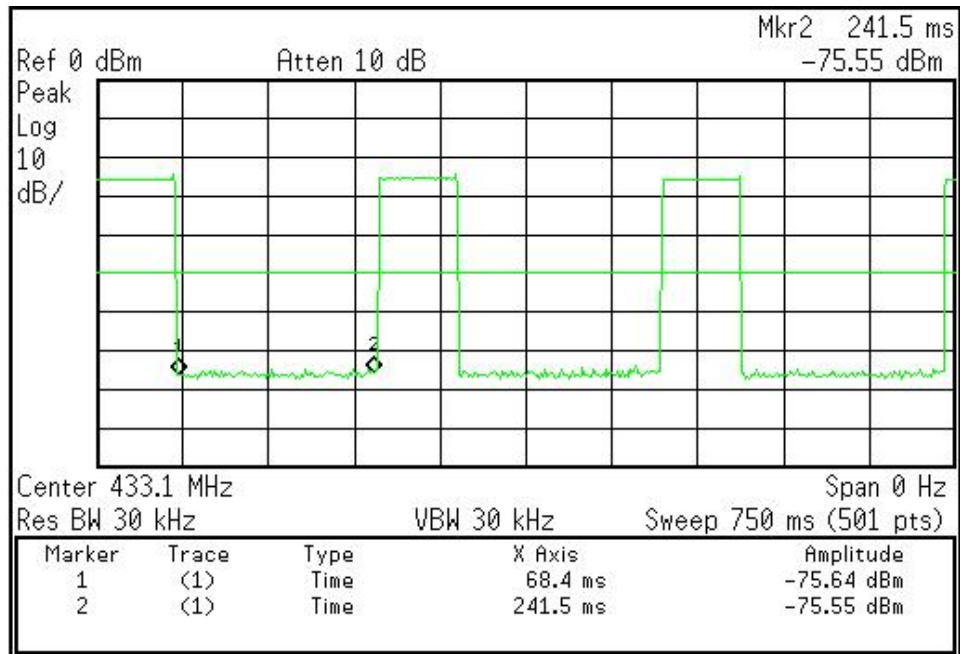
Mode 2 (434.775MHz)
V Polarization, PK



H Polarization, PK



Duty cycle



The Dwell time is 68.4ms and the period is 241.5ms.

Radiated Emission Measurement below 1000MHz

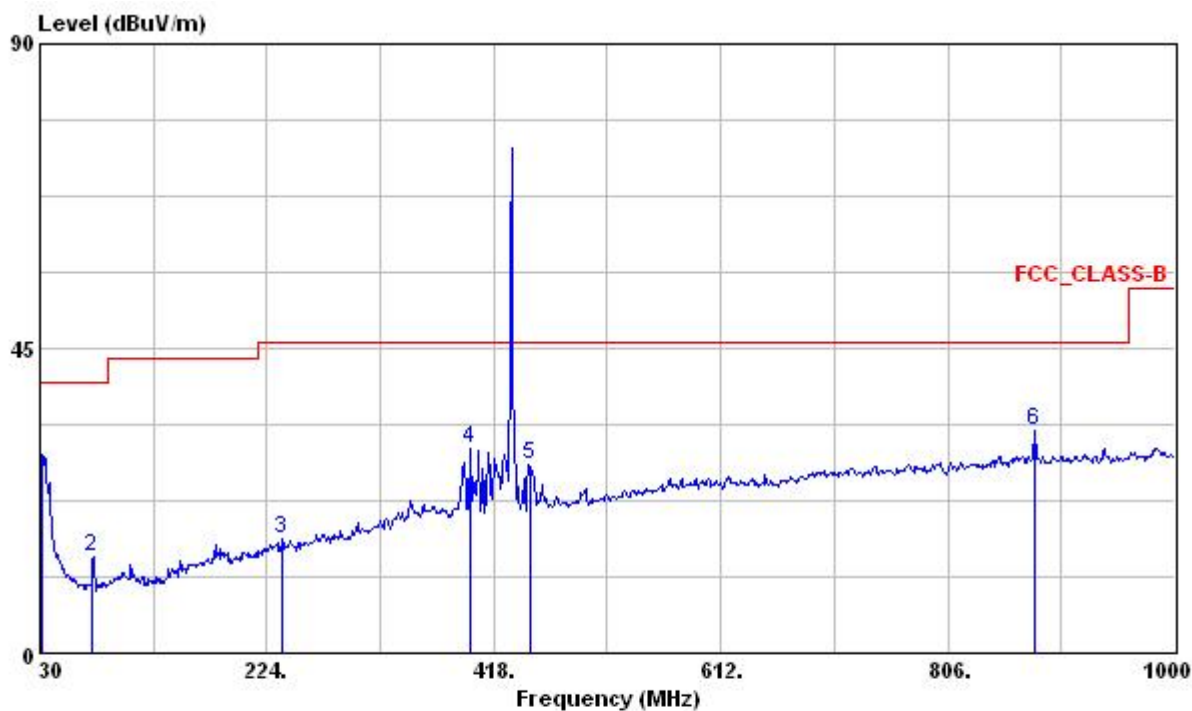
Test Mode : mode 1

Test Distance : 3m

Polarization : Vertical

Tester : Jun

Frequency Range : 30MHz~1GHz



	Freq	Level	Read	Limit	Over	Ant	Table	Pol/Phase	Remark
	MHz	dBuV/m	Level	Line	Limit	Pos	Pos		
			dBuV	dB/m	dB	cm	deg		
1 @	31.890	29.31	38.93	-9.62	40.00	-10.69	---	---	VERTICAL Peak
2	75.090	14.17	34.44	-20.27	40.00	-25.83	---	---	VERTICAL Peak
3	236.820	16.92	31.19	-14.27	46.00	-29.08	---	---	VERTICAL Peak
4	398.000	30.11	39.00	-8.89	46.00	-15.89	---	---	VERTICAL Peak
5	448.400	27.91	36.24	-8.33	46.00	-18.09	---	---	VERTICAL Peak
6	880.300	32.80	33.81	-1.01	46.00	-13.20	---	---	VERTICAL Peak

Note:

1. Correction Factor (dB/m) = Cable Loss + Antenna Factor – Gain of Pre-amplifier
2. Emission Level (dBuV/m) = Reading Data + Correction Factor

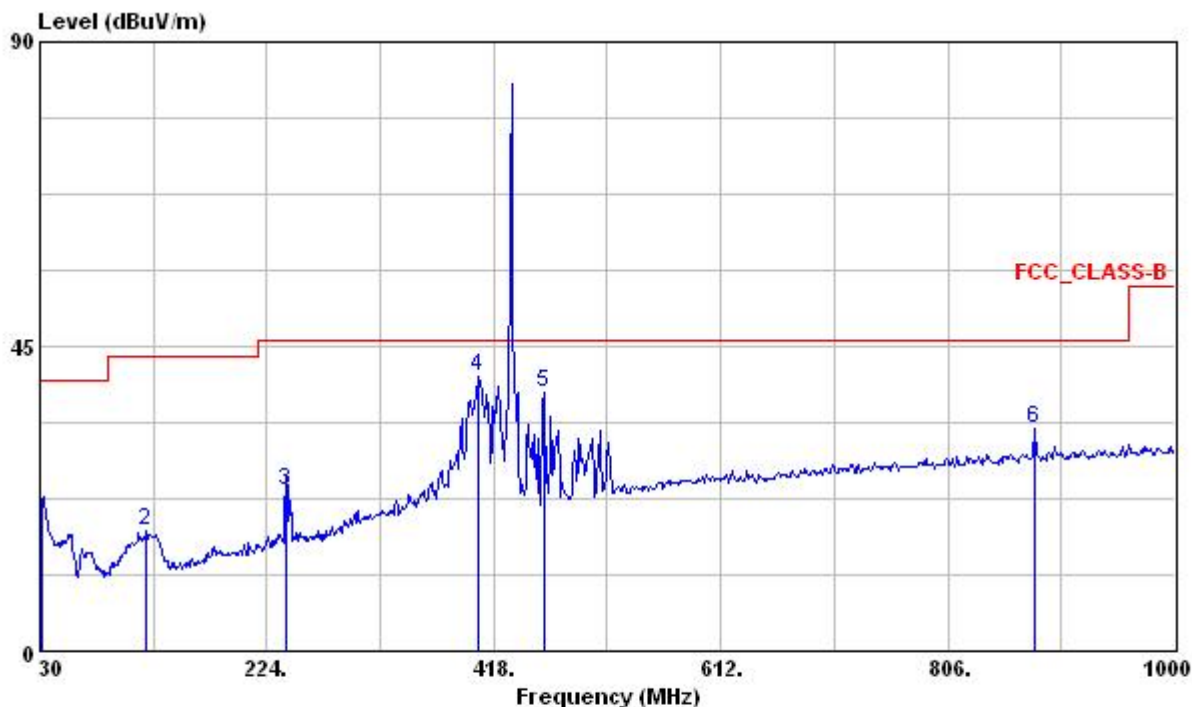
Test Mode : mode 1

Test Distance : 3m

Polarization : Horizontal

Tester : Jun

Frequency Range : 30MHz~1GHz



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Ant Pos	Table Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	32.430	22.87	32.84	-9.97	40.00	-17.13	---	---	HORIZONTAL	Peak
2	120.450	17.85	37.40	-19.55	43.50	-25.65	---	---	HORIZONTAL	Peak
3	240.870	23.61	37.81	-14.20	46.00	-22.39	---	---	HORIZONTAL	Peak
4	405.000	40.54	49.31	-8.77	46.00	-5.46	---	---	HORIZONTAL	Peak
5	461.000	38.11	46.15	-8.04	46.00	-7.89	---	---	HORIZONTAL	Peak
6	880.300	32.97	33.98	-1.01	46.00	-13.03	---	---	HORIZONTAL	Peak

Note:

1. Correction Factor (dB/m) = Cable Loss + Antenna Factor – Gain of Pre-amplifier
2. Emission Level (dBuV/m) = Reading Data + Correction Factor

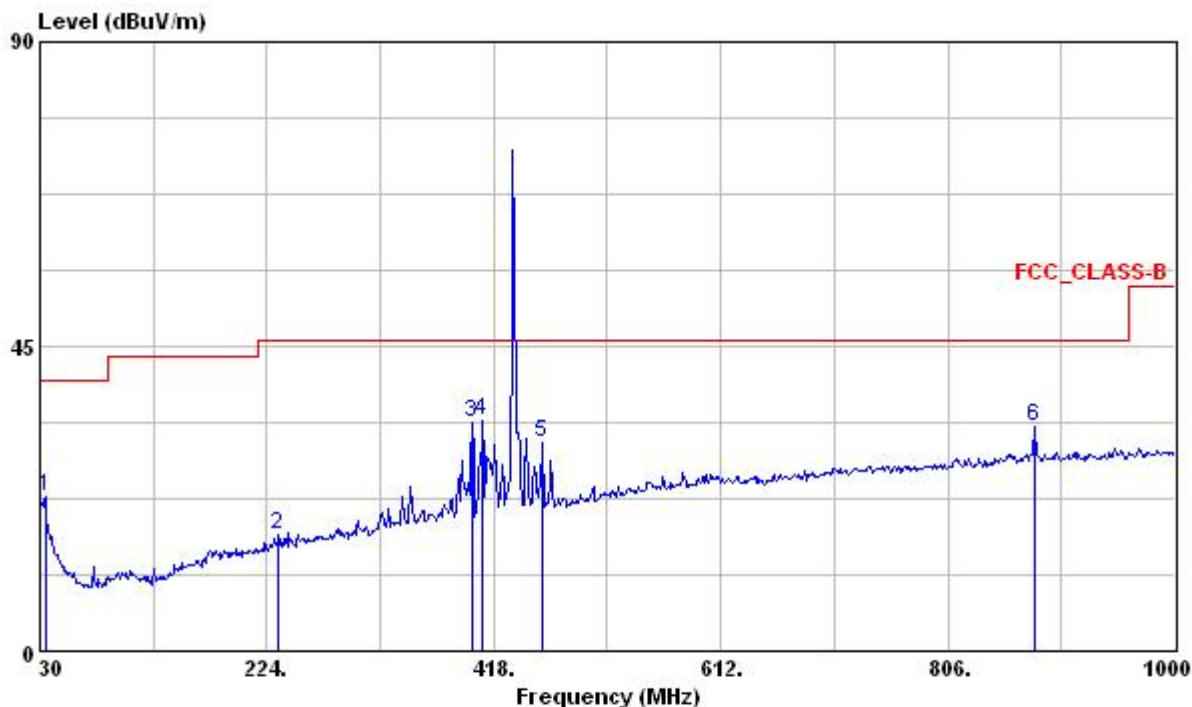
Test Mode : mode 2

Test Distance : 3m

Polarization : Vertical

Tester : Jun

Frequency Range : 30MHz~1GHz



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Ant Pos	Table Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	34.590	22.68	34.01	-11.33	40.00	-17.32	---	---	VERTICAL	Peak
2	233.580	17.20	31.52	-14.32	46.00	-28.80	---	---	VERTICAL	Peak
3	399.400	33.79	42.63	-8.84	46.00	-12.21	---	---	VERTICAL	Peak
4 @	408.500	34.02	42.75	-8.73	46.00	-11.98	---	---	VERTICAL	Peak
5	458.900	30.88	38.97	-8.09	46.00	-15.12	---	---	VERTICAL	Peak
6	880.300	33.27	34.28	-1.01	46.00	-12.73	---	---	VERTICAL	Peak

Note:

1. Correction Factor (dB/m) = Cable Loss + Antenna Factor – Gain of Pre-amplifier
2. Emission Level (dBUV/m) = Reading Data + Correction Factor

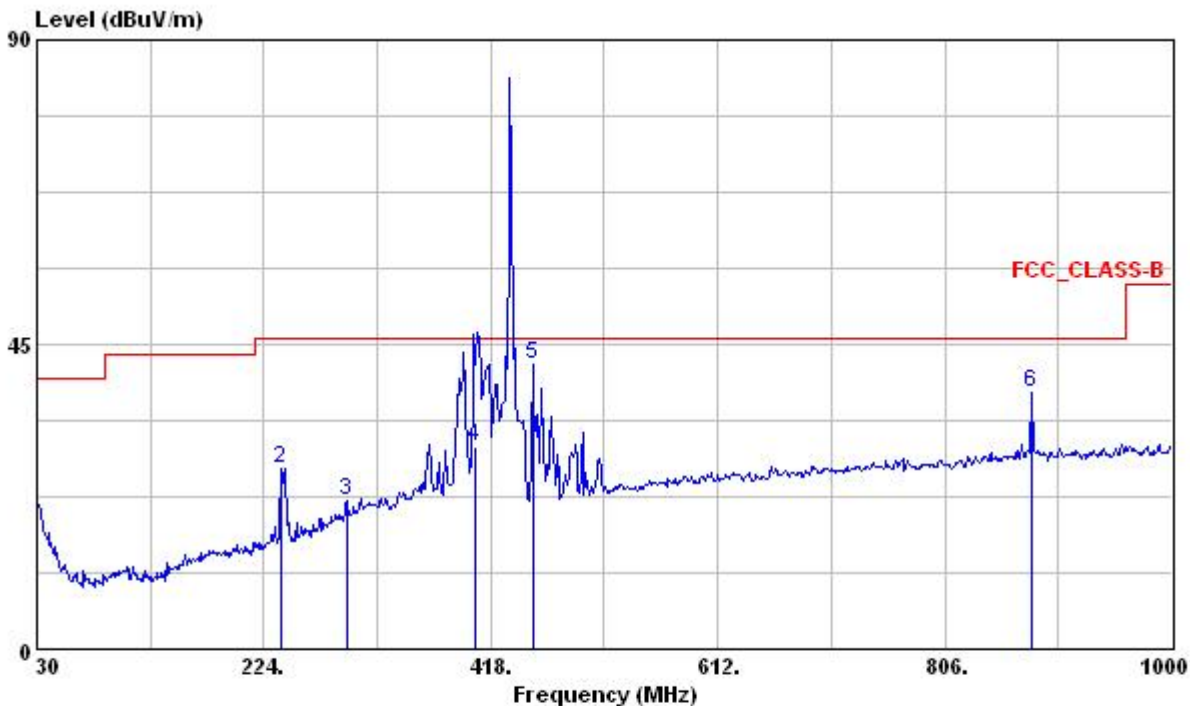
Test Mode : mode 2

Test Distance : 3m

Polarization : Horizontal

Tester : Jun

Frequency Range : 30MHz~1GHz



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Ant Pos	Table Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	30.000	21.51	29.93	-8.42	40.00	-18.49	---	---	HORIZONTAL	Peak
2	239.520	26.75	40.97	-14.22	46.00	-19.25	---	---	HORIZONTAL	Peak
3	294.330	22.05	34.71	-12.66	46.00	-23.95	---	---	HORIZONTAL	Peak
4	405.500	29.79	38.56	-8.77	46.00	-16.21	100	360	HORIZONTAL	QP
5 @	454.000	41.99	50.21	-8.22	46.00	-4.01	---	---	HORIZONTAL	Peak
6 @	880.300	38.03	39.04	-1.01	46.00	-7.97	---	---	HORIZONTAL	Peak

Note:

1. Correction Factor (dB/m) = Cable Loss + Antenna Factor – Gain of Pre-amplifier
2. Emission Level (dBuV/m) = Reading Data + Correction Factor

Radiated Emission Measurement above 1000MHz

Test Model : mode 1

Test Distance : 3m

Tester : Jun

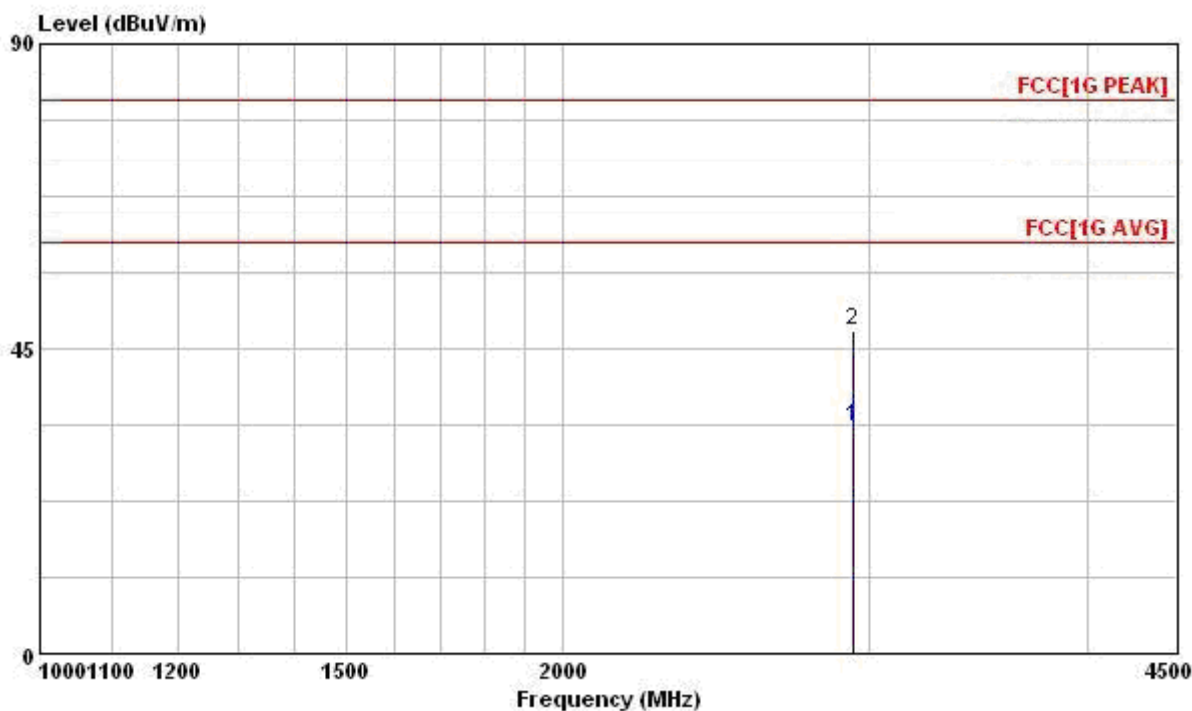
Antenna Polarization : Vertical

Frequency Range :1GHz~4.5GHz

Frequency (MHz)	Reading Data (dBuV)		Correction Factor (dB/m)	Emission Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	PK.	AV.		PK.	AV.	PK.	AV.	PK.	AV.
2935	74.21	59.85	-26.47	47.74	33.38	80.80	60.80	33.06	27.42

Note:

1. Emission Level (dBuV/m) = Reading Value + Correction Factor.
2. Correction Factor (dB/m) = Cable Loss + Antenna Factor – Gain of Pre-amplifier.
3. Margin (dB) = Limit–Emission Level.



Test Model : mode 1

Test Distance : 3m

Tester : Jun

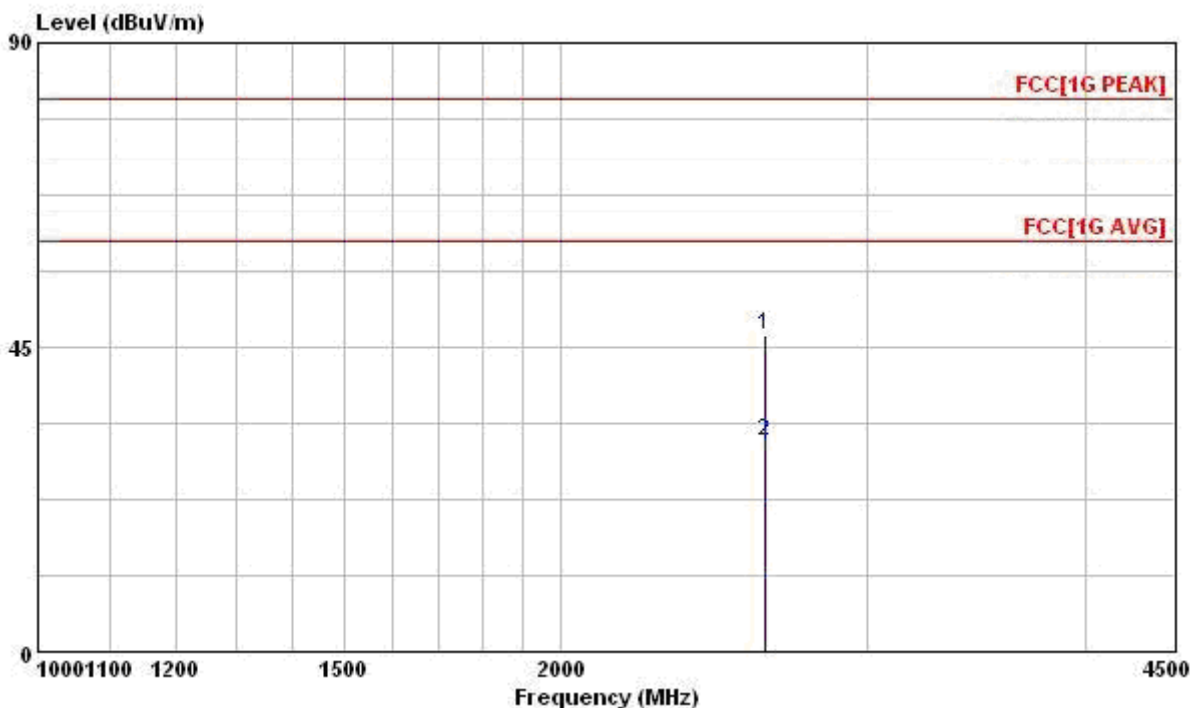
Antenna Polarization : Horizontal

Frequency Range :1GHz~4.5GHz

Frequency (MHz)	Reading Data (dBuV)		Correction Factor (dB/m)	Emission Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	PK.	AV.		PK.	AV.	PK.	AV.	PK.	AV.
2620	73.86	58.11	-27.05	46.81	31.06	80.80	60.80	33.99	29.74

Note:

1. Emission Level (dBuV/m) = Reading Value + Correction Factor.
2. Correction Factor (dB/m) = Cable Loss + Antenna Factor – Gain of Pre-amplifier.
3. Margin (dB) = Limit–Emission Level.



Test Model : mode 2

Test Distance : 3m

Tester : Jun

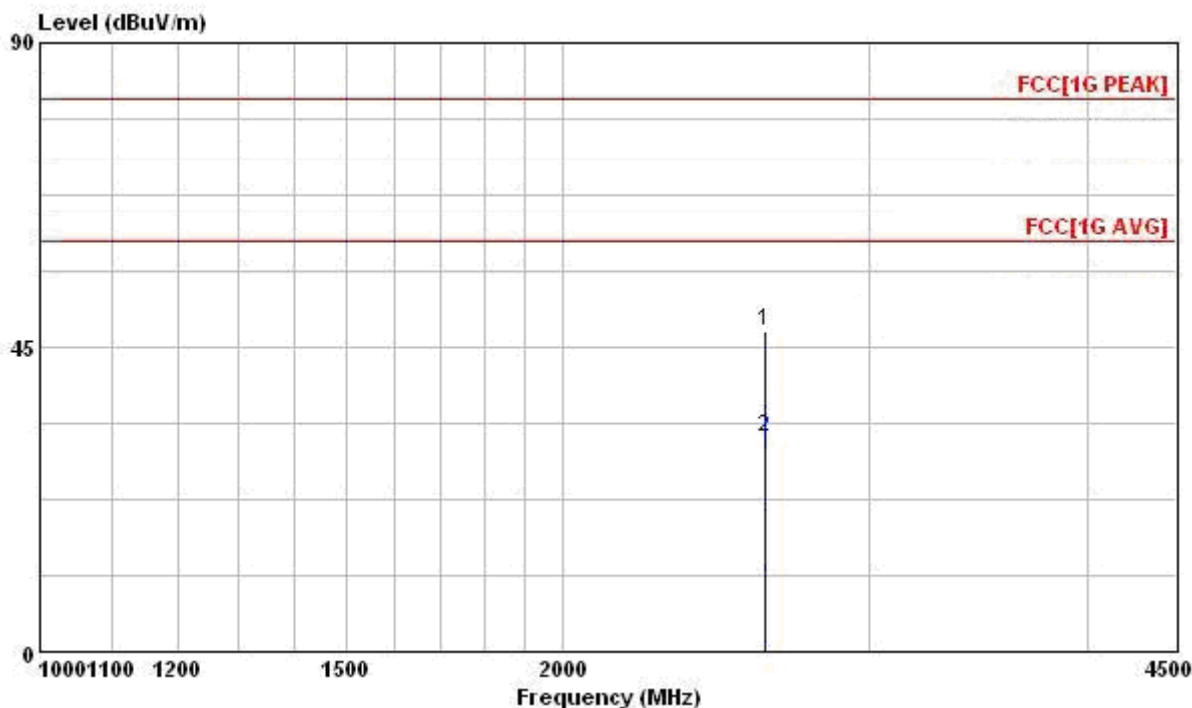
Antenna Polarization : Vertical

Frequency Range :1GHz~4.5GHz

Frequency (MHz)	Reading Data (dBuV)		Correction Factor (dB/m)	Emission Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	PK.	AV.		PK.	AV.	PK.	AV.	PK.	AV.
2610	74.37	58.78	-27.07	47.30	31.71	80.80	60.80	33.50	29.09

Note:

1. Emission Level (dBuV/m) = Reading Value + Correction Factor.
2. Correction Factor (dB/m) = Cable Loss + Antenna Factor – Gain of Pre-amplifier.
3. Margin (dB) = Limit–Emission Level.



Test Model : mode 2

Test Distance : 3m

Tester : Jun

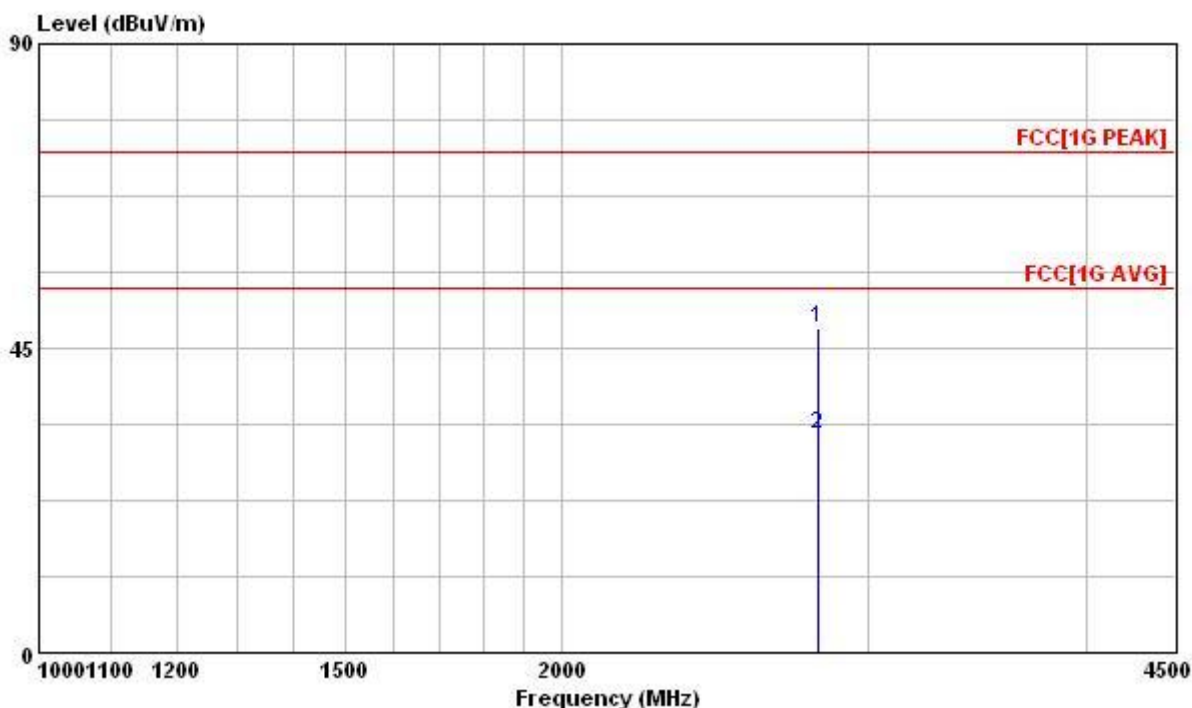
Antenna Polarization : Horizontal

Frequency Range :1GHz~4.5GHz

Frequency (MHz)	Reading Data (dBuV)		Correction Factor (dB/m)	Emission Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	PK.	AV.		PK.	AV.	PK.	AV.	PK.	AV.
2806	74.64	59.09	-26.74	47.90	32.35	74	54	26.10	21.65

Note:

1. Emission Level (dBuV/m) = Reading Value + Correction Factor.
2. Correction Factor (dB/m) = Cable Loss + Antenna Factor – Gain of Pre-amplifier.
3. Margin (dB) = Limit–Emission Level.



3 Bandwidth

Test Result: Pass

3.1 Applied standard

According to 15.231(c), The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.

3.2 Test Instruments

Test Site and Equipment	Manufacturer	Model No./ Serial No.	Last Calibration Data	Calibration Due Data
Test site	--	TR13/ -	NCR	NCR
Spectrum Analyzer	Agilent	E4405B/ MY45106706	2008/3/25	2009/3/24

Note:

1. The calibrations are traceable to NML/ROC.
2. NCR:No Calibration Required.

Instrument Setting

RBW	VBW	Span	Detector	Comment
100Hz	300Hz	Peak	Maxhold	

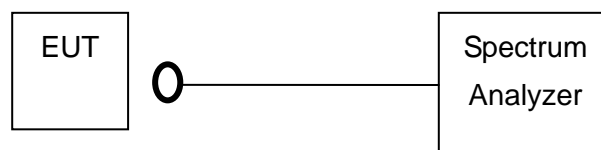
Climatic Condition

Ambient Temperature : 28°C ; Relative Humidity : 64%

3.3 Measurement Procedure

1. The EUT was set up per the test configuration figured in the next section of this chapter to simulate the typical usage per the user's manual.
2. The Transmitter output of EUT was connected to the spectrum analyzer.
3. Measure the 20dB bandwidth and compare with the required limit.

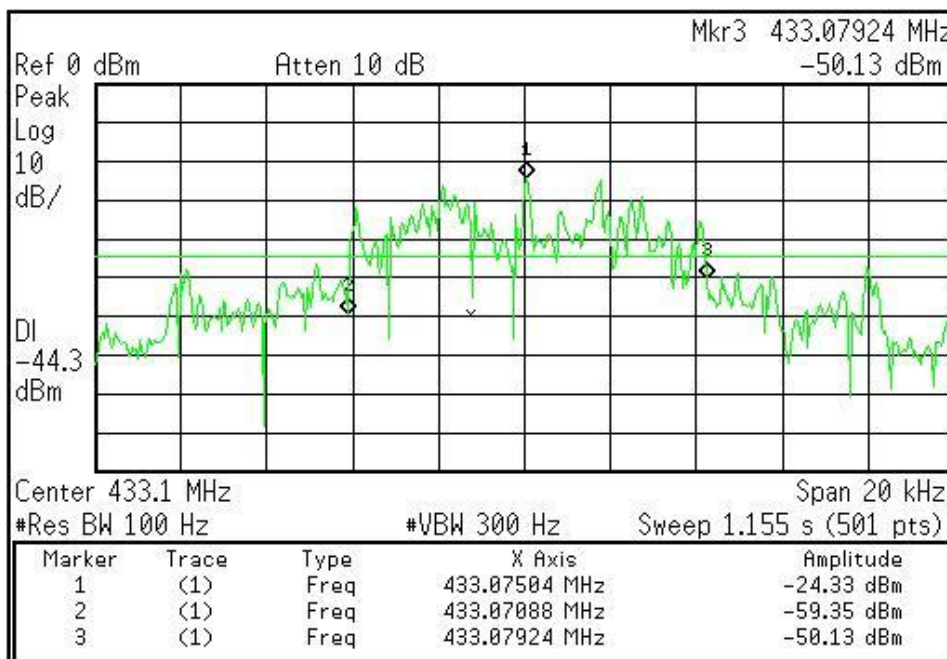
3.4 Test configuration



3.5 Test Data

Test Mode : mode 1

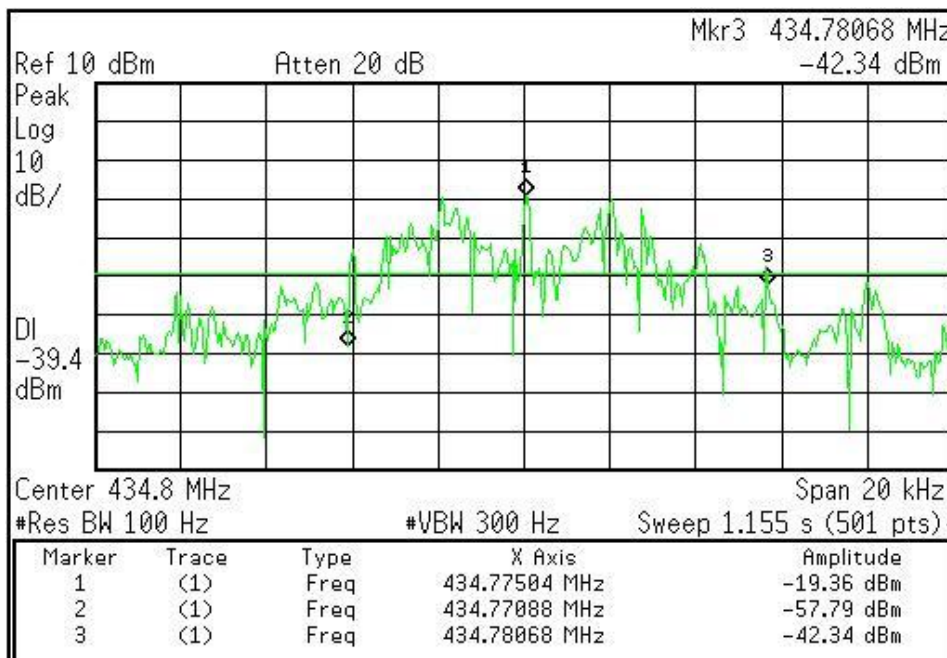
Tester : Jun



Measured 20dB bandwidth is 8.36 kHz < $433.075\text{MHz} \times 0.25\% = 1082.688\text{kHz}$.

Test Mode : mode 2

Tester : Jun



Measured 20dB bandwidth is 9.8 kHz < $434.775\text{MHz} \times 0.25\% = 1086.938\text{kHz}$.

4 Dwell Time

Test Result: Pass

4.1 Applied standard

According to 15.231(a), A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

4.2 Test Instruments

Test Site and Equipment	Manufacturer	Model No./ Serial No.	Last Calibration Data	Calibration Due Data
Test site	--	TR13/ -	NCR	NCR
Spectrum Analyzer	Agilent	E4405B/ MY45106706	2008/3/25	2009/3/24

Note:

1. The calibrations are traceable to NML/ROC.
2. NCR:No Calibration Required.

Instrument Setting

RBW	VBW	Detector	Trace	Comment
100KHz	300kHz	Peak	Maxhold	

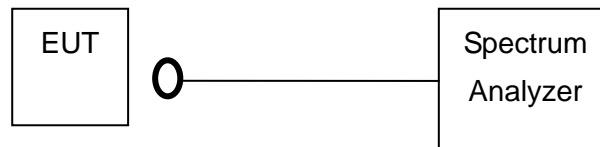
Climatic Condition

Ambient Temperature : 28°C ; Relative Humidity : 64%

4.3 Measurement Procedure

- a. The EUT was set up per the test configuration figured in the next section of this chapter to simulate the typical usage per the user's manual.
- b. The Transmitter output of EUT was connected to the spectrum analyzer.
- c. Measure the dwell time and compare with the required limit.

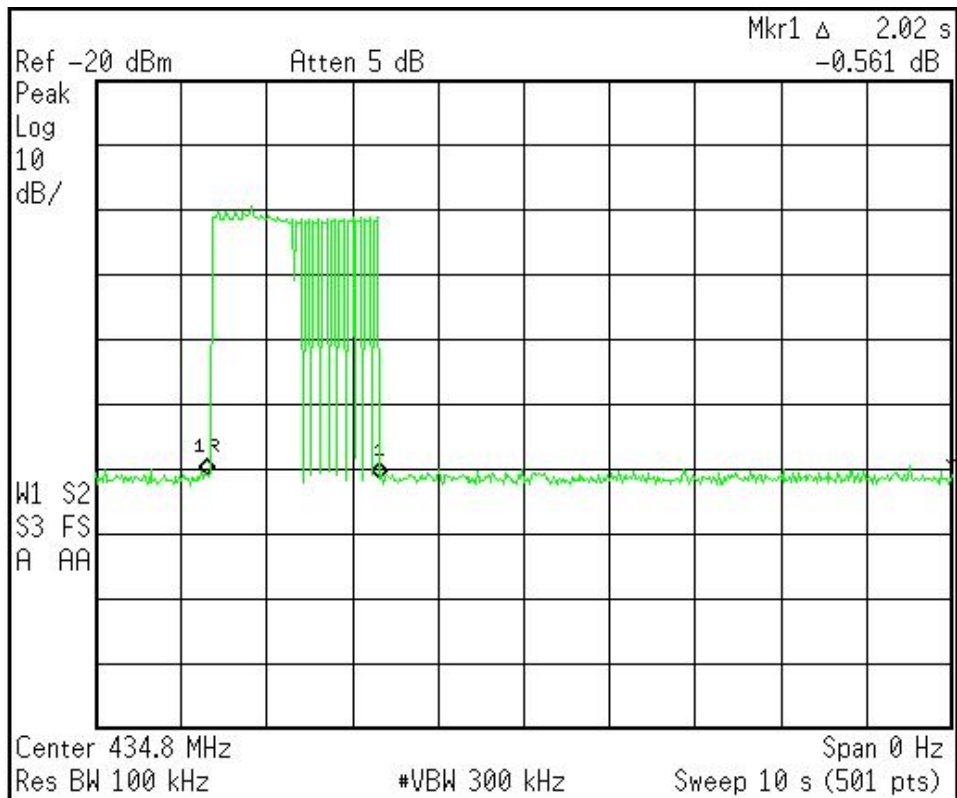
4.4 Test configuration



4.5 Test Data

Test Mode : mode 1

Tester : Jun



The transmitter will automatically deactivate within 2.02 second after release the button of the transmitter.