FCC COMPLIANCE REPORT

for

Nelson Electronics Ltd

INTERNET RADIO

Model Number : NE-3703iTR, NE-3905, NE-3906, NE-3907(NELSON); R227 (SANYO)

Prepared for : Nelson Electronics Ltd
Address : 7/F.,Chung Mei Centre, 15A Hing Yip Street, Kwun Tong, Kowloon, Hong Kong

Prepared By : NS Technology Co., Ltd.
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Report Number : NSE-F08082382
Date of Test : Jul. 22~Aug. 10, 2008
Date of Report : Aug. 15, 2008

TABLE OF CONTENTS

NS Technology Co., Ltd.

Applicant: **Address:**	Nelson Electronics Ltd 7/F.,Chung Mei Centre, 15A Hing Yip Street, Kwun Tong, Kowloon, Hong Kong		
Manufacturer: **Address:**	Nelson Plastic & Electronics Factory Xia Bian Industrial Centre, Chang An Town, Dong Guan City Guang Dong Province, China		
E.U.T:	INTERNET RADIO		
Model Number:	NE-3703iTR,NE-3905, NE-3906, NE-3907	**Trade Name:**	NELSON
Model Number:	R227	**Trade Name:**	SANYO
Operating Frequency:	2412MHz to 2462MHz		
Date of Receipt:	Jul. 8, 2008	**Date of Test:**	Jul. 22~Aug. 10, 2008
Test Specification:	FCC Part 15 Subpart C: Jul. 2008 ANSI C63.4:2003 KDB558074		
Test Result:	The equipment under test was found to be compliance with the requirements of the standards applied. **Issue Date: Aug. 15, 2008**		

Tested by:	Reviewed by:	Approved by:
David / Engineer	Iceman Hu / Supervisor	Steven Lee / Manager

Other Aspects:
None.

Abbreviations: OK/P=passed fail/F=failed n.a/N=not applicable E.U.T=equipment under tested

1. GENERAL PRODUCT INFORMATION

1.1. Product Function

Details please refer to Technical Construction Form and User Manual.

1.2. Description of Device (EUT)

E.U.T.	:	INTERNET RADIO
Model No.	:	NE-3703iTR
Operating Frequency	:	2.412GHz-----2.462GHz ISM Band
Number of Channels	:	11 Channels
Channel frequency	:	F = 2412 + 5(K-1) K=1,2,…….11
Radio Technology	:	IEEE 802.11b/g
Modulation Technology	:	DSSS for IEEE 802.11b/g
Output power	:	13.32dBm(Maximum measured)
Antenna Assembly Gain	:	2dBi (maximum)
System Input Voltage	:	AC 120V/60Hz

1.3. Difference between Model Numbers

The product use identical circuit and PCB layout. Only the model numbers are different.

1.4. Independent Operation Modes

The basic operation modes are:

Channel No.	Operation Frequency(MHz)
CH1	2412
CH2	2417
CH3	2422
CH4	2427
CH5	2432
CH6	2437
CH7	2442
CH8	2447
CH9	2452
CH10	2457
CH11	2462

The tested modes are:

1.4.1. IEEE 802.11b; TX CH1 (2412MHz)

1.4.2. IEEE 802.11b; TX CH 6 (2437MHz)

1.4.3. IEEE 802.11b; TX CH11 (2462MHz)

1.4.4. IEEE 802.11g; TX CH1 (2412MHz)

1.4.5. IEEE 802.11g; TX CH 6 (2437MHz)

1.4.6. IEEE 802.11g; TX CH11 (2462MHz)

2. TEST SITES

2.1. Test Facilities

EMC Lab : Certificated by TUV Rheinland, Germany.
Date of registration: July 28, 2003

Certificated by FCC, USA
Registration No.: 897109
Date of registration: October 10, 2003

Certificated by VCCI, Japan
Registration No.: R-1798 & C-1926
Date of registration: January 30, 2004

Certificated by CNAL, CHINA
Registration No.: L1744
Date of registration: November 25, 2004

Certificated by Intertek ETL SEMKO
Registration No.: TMP-013
Date of registration: June 11, 2005

Certificated by TUV/PS, Hong Kong
Date of registration: December 1, 2005

Certificated by Industry Canada
Registration No.: 5936
Date of registration: March 24, 2006

Certificated by ATCB, America
Date of registration: August 03, 2006

Name of Firm : NS Technology Co., Ltd.

Site Location : Chenwu Industrial Zone, Houjie Town, Dongguan City, Guangdong, China

2.2. List of Test and Measurement Instruments

2.2.1. For Conducted emission at the mains terminal test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Test Receiver	Rohde & Schwarz	ESCS30	100199	Mar.20,08	Mar.20,09
L.I.S.N.#1	Rohde & Schwarz	ESH2-Z5	100071	Mar.20,08	Mar.20,09
L.I.S.N.#2(AUX)	Rohde & Schwarz	ESH3-Z5	100317	Mar.20,08	Mar.20,09

2.2.2. For Radiation emission test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Test Receiver	Rohde & Schwarz	ESCS30	100199	Mar.20,08	Mar.20,09
Spectrum Analyzer	HP	8593E	3448U00806	Mar.20,08	Mar.20,09
Amplifier	Agilent	8447D	2944A10488	May 2,08	May 2,09
Signal Generator	HP	8648A	3426A01263	Apr.8,08	Apr.8,09
Bilog Antenna	EMCO	3142B	00022050	May 2,08	May 2,09
Horn Antenna	EMCO	3117	00062558	May 2,08	May 2,09

2.2.3. For 6dB bandwidth test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Spectrum Analyzer	R/S	ESPI	1142.8007.03	Mar.20,08	Mar.20,09

2.2.4. For Output power test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Power Meter	Agilent	E4416A	MY45100656	Mar.20,08	Mar.20,09
Power Sensor	Agilent	E9327A	MY44420694	Mar.20,08	Mar.20,09

2.2.6. For Band edge compliance test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Spectrum Analyzer	R/S	ESPI	1142.8007.03	Mar.20,08	Mar.20,09

2.2.7. For Power spectral density test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Spectrum Analyzer	R/S	ESPI	1142.8007.03	Mar.20,08	Mar.20,09

2.2.8. For Conducted emission test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Spectrum Analyzer	Agilent	E4407B	MY41440292	Mar.20,08	Mar.20,09

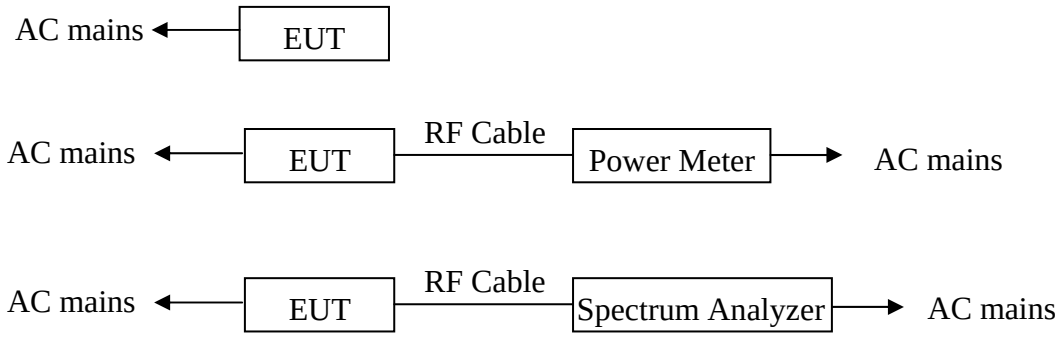
3. TEST SET-UP AND OPERATION MODES

3.1. Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its highest possible radiated level. The test modes were adapted accordingly in reference to the Operating Instructions.

3.2. Block Diagram of Test Set-up

System Diagram of Connections Between EUT and Simulators



(EUT: INTERNET RADIO)

3.3. Test Operation Mode and Test Software

Refer to clause 1.4

3.4. Special Accessories and Auxiliary Equipment

None.

3.5. Countermeasures to Achieve EMC Compliance

None.

4. TEST SUMMARY

Test items and result lists

EMISSION		
Description of Test Item	**Standard**	**Results**
Conducted Emission Test	FCC Part 15: 15.207 ANSI C63.4: 2003 KDB558074	PASS
Radiated Emission Test	FCC Part 15: 15.209 ANSI C63.4: 2003 KDB558074	PASS
6dB Bandwidth Test	FCC Part 15: 15.247 KDB558074	PASS
Output Power Test	FCC Part 15: 15.247 KDB558074	PASS
Band Edge Compliance Test	FCC Part 15: 15.247 KDB558074	PASS
Power Spectral Density Test	FCC Part 15: 15.247 KDB558074	PASS
MPE ESTIMATION	FCC Part 2: 2.1093	PASS
Antenna requirement	FCC Part 15: 15.203	PASS

4.1. Conducted Emission at The Mains Terminals Test

RESULT	:	**Pass**
Test procedure	:	ANSI C63.4: 2003 KDB558074
Frequency range	:	0.15～30MHz
Test Site	:	Shielded Room
Limits	:	FCC Part 15: 15.207

Test Setup

Date of test	:	Jul. 22, 2008
Input Voltage	:	AC 120V/60Hz
Operation Mode	:	IEEE 802.11b; TX CH1 (2412MHz)
		IEEE 802.11g; TX CH1 (2412MHz)

The EUT was put on a wooden table which was 0.8metre high above the ground and connected to the AC mains through a Artificial Mains Network (A.M.N). The mains lead in excess of 1 m separating the EUT from the AMN was folded back and forth parallel to the lead so as to form a bundle with a length of 0.3m to 0.4m.

The EUT was kept 0.4m from any other earthed conducting surface. Both sides of AC line were checked to find out the maximum conducted emission levels according to the test procedure during conducted emission test.

The bandwidth of the test receiver (R&S ESCS30) was set at 9KHz.

The frequency range from 150 KHz to 30 MHz was investigated.

The test data of the worst case condition(s) was reported on the following page.

Test Data

EUT:	INTERNET RADIO	Temperature:	25.3℃
M/N:	NE-3703iTR	Humidity:	54%
Test Mode:	IEEE 802.11b; TX CH1 (2412MHz)	Test Engineer:	David

Conducted Emission at The Mains Terminals Test					
Frequency (MHz)	Reading (dBμV)			Limit (dBμV)	
	Quasi-Peak	Average	Ports	Quasi-Peak	Average
0.203	47.8	41.4	Neutral	63.5	53.5
0.273	42.4	35.8	Neutral	61.0	51.0
0.343	37.9	30.9	Neutral	59.1	49.1
0.546	31.7	24.3	Neutral	56.0	46.0
0.822	28.2	23.6	Neutral	56.0	46.0
1.303	26.5	21.8	Neutral	56.0	46.0
0.206	45.3	39.5	Line	63.4	53.4
0.274	40.1	33.9	Line	61.0	51.0
0.410	31.7	25.9	Line	57.6	47.6
0.821	27.4	22.7	Line	56.0	46.0
1.166	25.9	21.0	Line	56.0	46.0
10.905	21.8	16.7	Line	60.0	50.0

Note: 1. Test uncertainty: ±1.99dB at a level of confidence of 95%.

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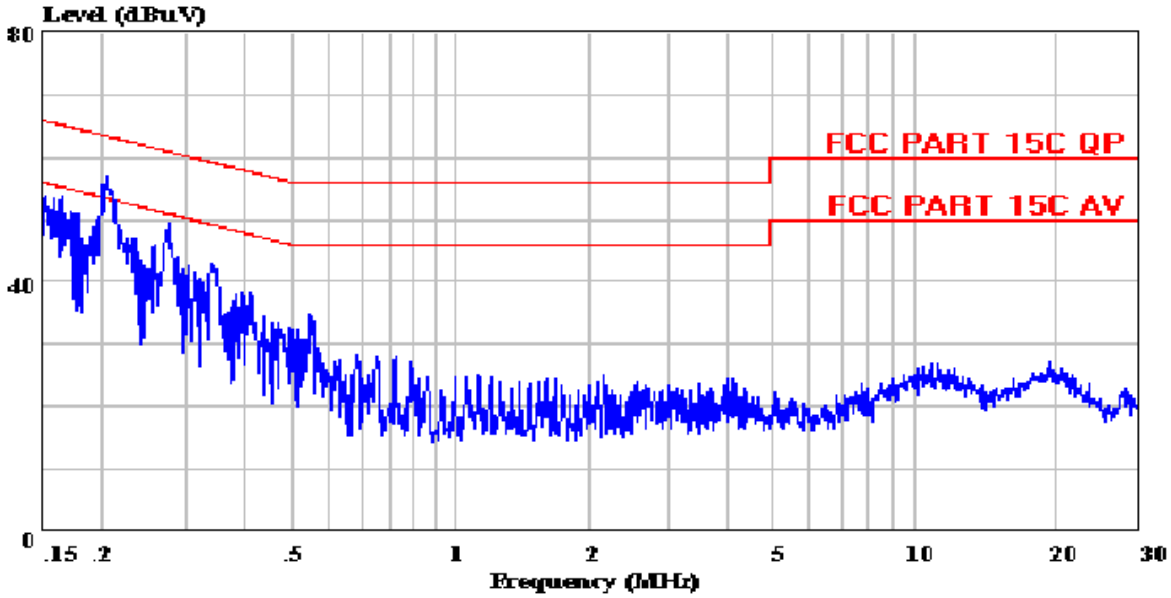

Site : 733 Shielded Room
Condition : FCC PART 15C AV FACTOR NEUTRAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test engineer: David
Comment : Temp:25.3'C Humi:58%
Memo : IEEE 802.11b; TX CH1 2412MHz

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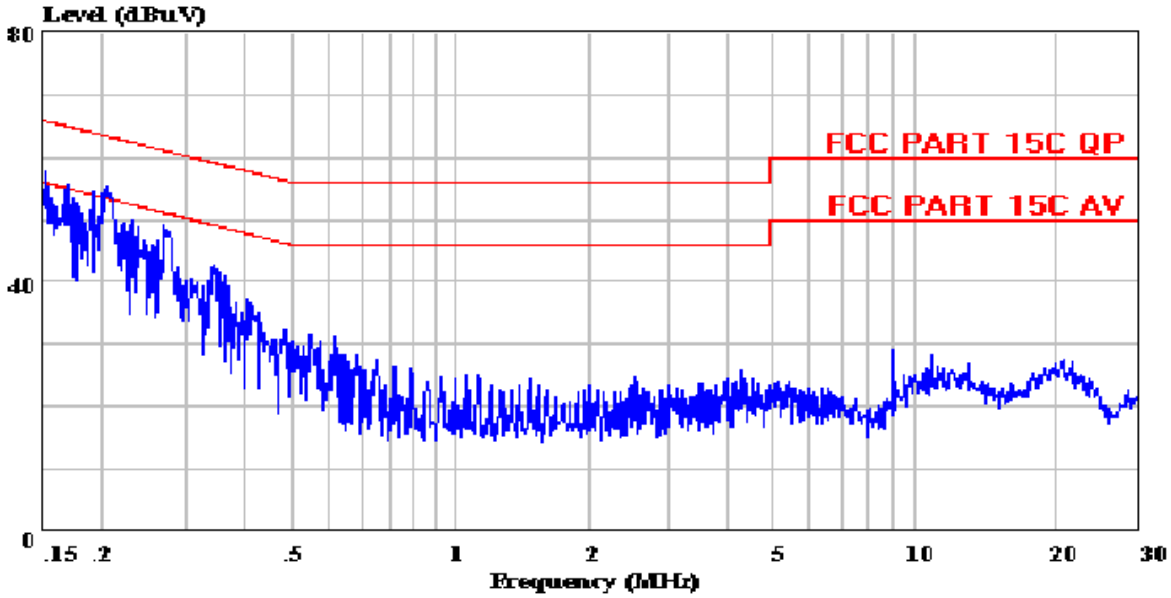

Site : 733 Shielded Room
Condition : FCC PART 15C AV FACTOR LINE
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test engineer: David
Comment : Temp:25.3'C Humi:58%
Memo : IEEE 802.11b; TX CH1 2412MHz

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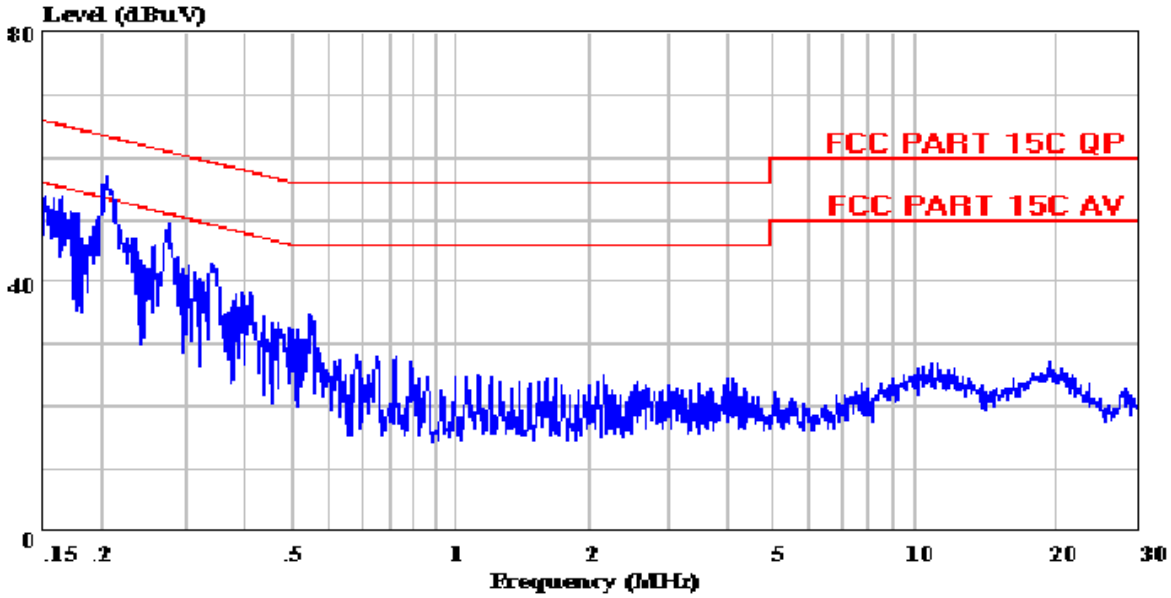

Site : 733 Shielded Room
Condition : FCC PART 15C AV FACTOR NEUTRAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test engineer: David
Comment : Temp:25.3'C Humi:58%
Memo : IEEE 802.11g; TX CH1 2412MHz

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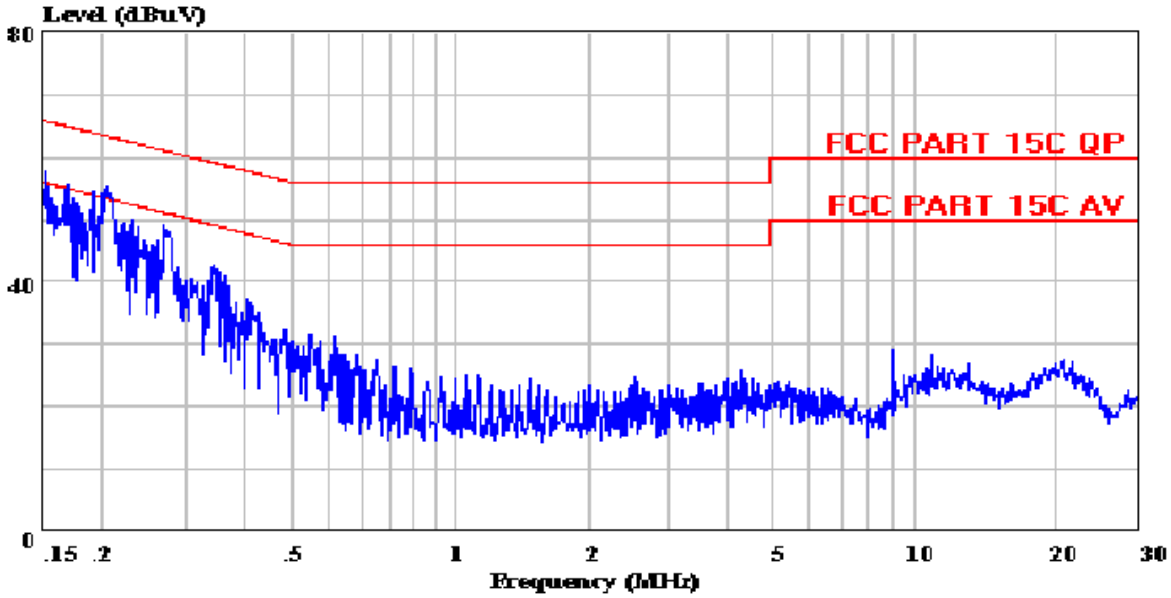


Site : 733 Shielded Room
Condition : FCC PART 15C AV FACTOR LINE
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test engineer: David
Comment : Temp:25.3'C Humi:58%
Memo : IEEE 802.11g; TX CH1 2412MHz

4.2. Conducted Emission

4.2.1. Test limits

intentional radiator shall be at least 20dB below that in 100kHz bandwidth within the band that contains the highest level of the desired power.

4.2.2. Test procedure

1. Connect EUT RF output port to the spectrum analyzer through an RF attenuator. attenuator loss=20dB.
2. Set the EUT work on the CH1, CH6,CH11 individually.
4. Set SPA Frequency = Operation frequency, for PK: RBW =100kHz, VBW=300KHz.
5. Set SPA trace max hold, then view.

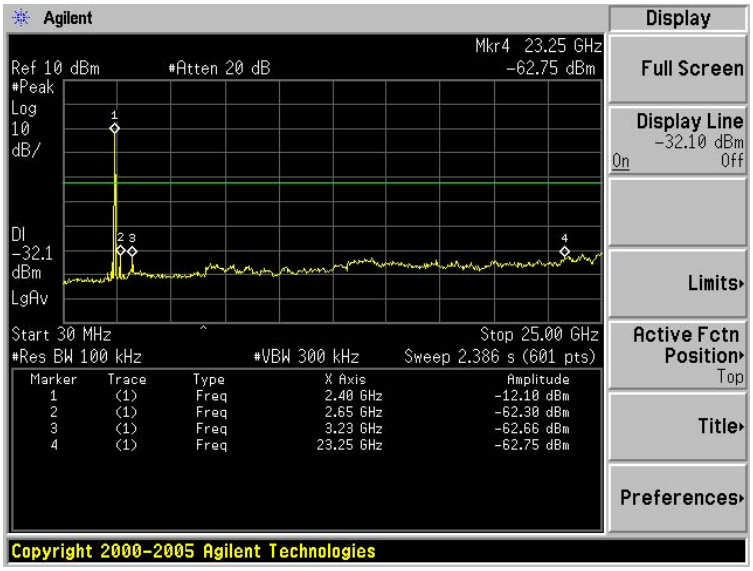
4.2.3. Test result

PASS.

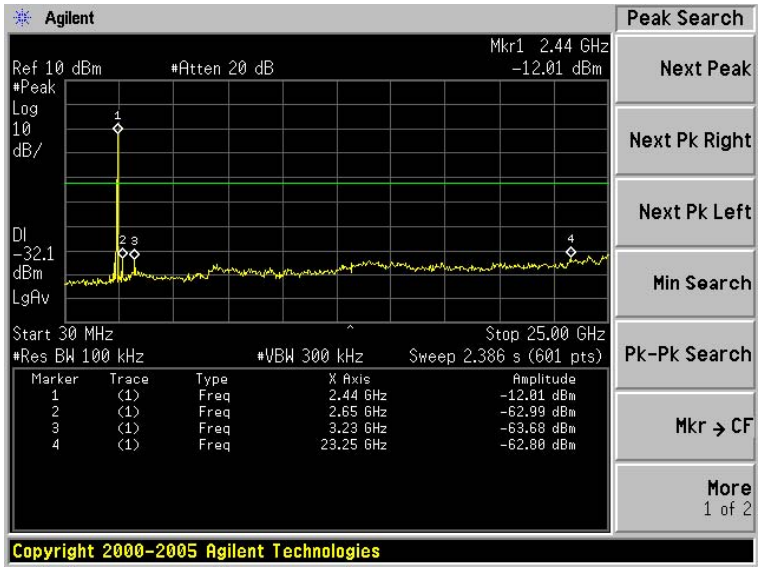
The test plots as following:

Test Mode: IEEE 802.11b TX

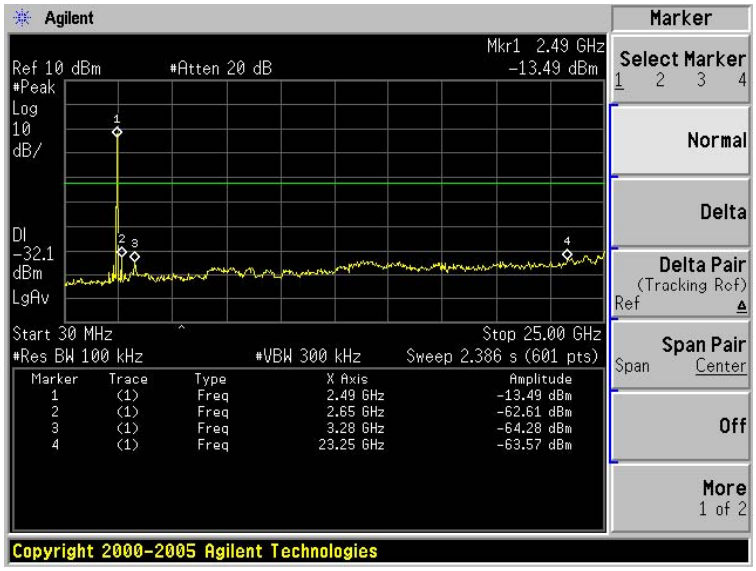
Test CH1: 2412MHz



Test CH6: 2437MHz

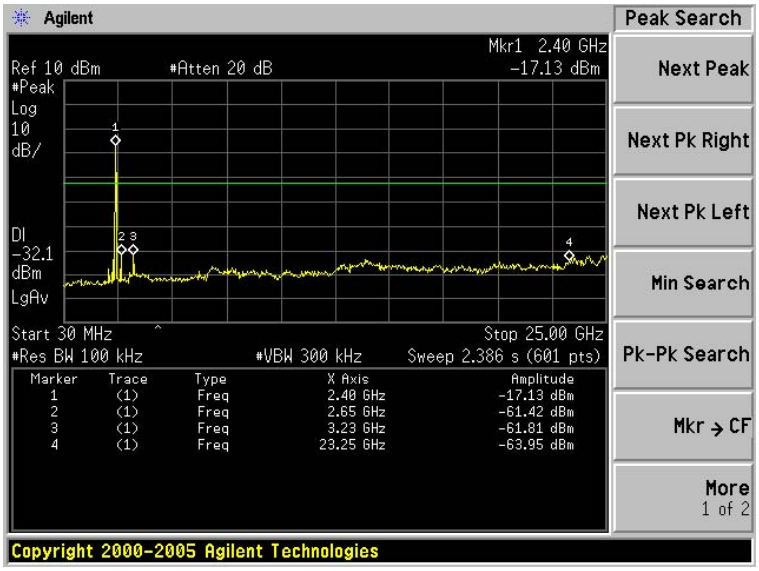


Test CH11: 2462MHz

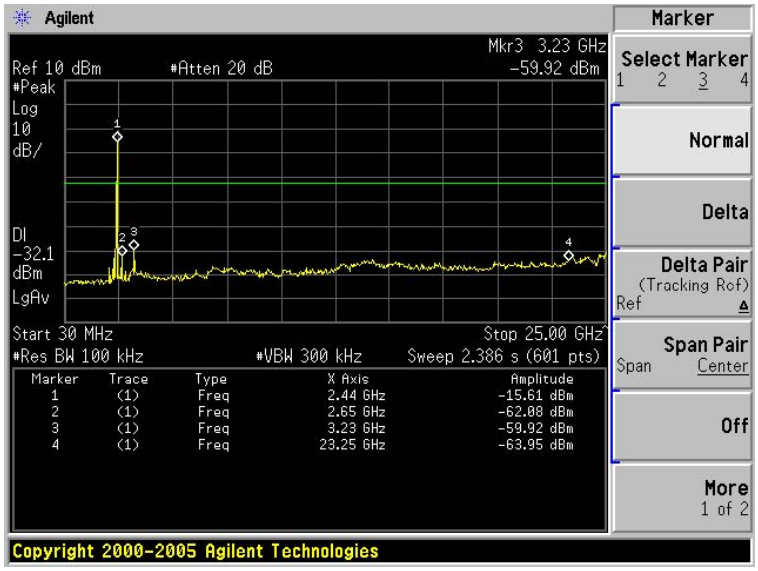


Test Mode: IEEE 802.11g TX

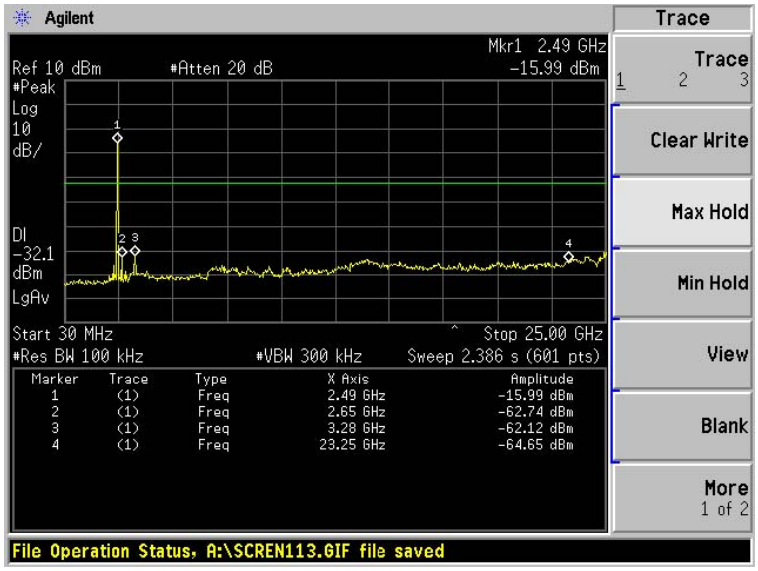
Test CH1: 2412MHz



Test CH6: 2437MHz



Test CH11: 2462MHz

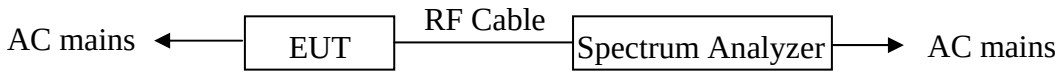


4.3. 6dB Bandwidth Test

4.3.1. Test procedure

1. Connect EUT RF output port to the spectrum analyzer through an RF terminal.
2. Set the EUT work on the CH1, CH6,CH11 individually.
3. Set SA Center Frequency = Operation frequency, RBW=100kHz,VBW=300kHz.
4. Set SA trace max hold, then view.
5. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB. The minimum 6dB bandwidth shall be at least 500KHz.

4.3.2. Test setup diagram



4.3.3. Test result

Pass

Test Mode: IEEE 802.11b TX

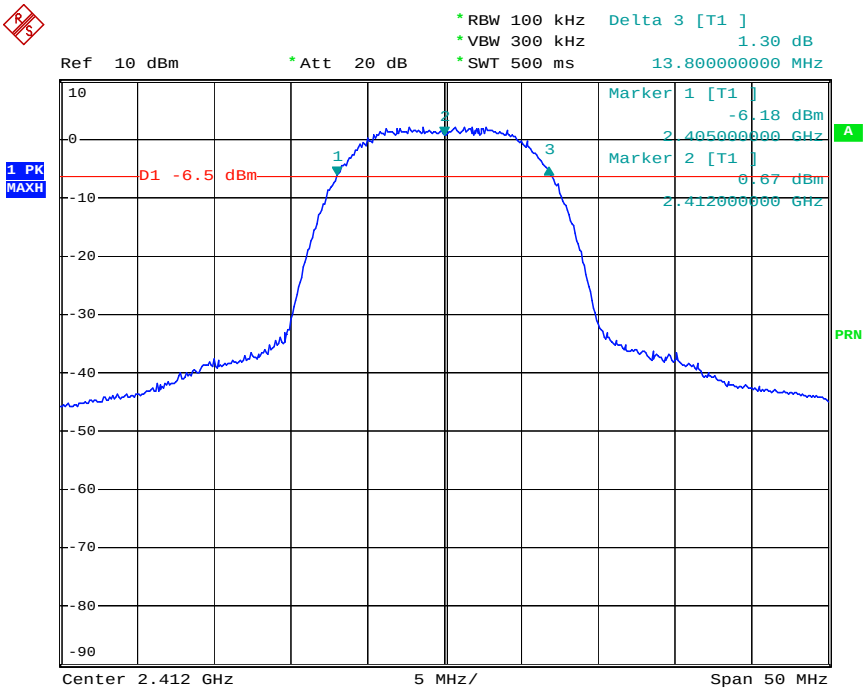
CH	6dB Bandwidth (MHz)	Limit	Conclusion
1	13.8	>500	PASS
6	13.6	>500	PASS
11	14.2	>500	PASS

Test Mode: IEEE 802.11g TX

CH	6dB Bandwidth (MHz)	Limit	Conclusion
1	16.4	>500	PASS
6	16.3	>500	PASS
11	15.8	>500	PASS

The test plots as following:

Test Mode: IEEE 802.11b TX Test CH1: 2412MHz



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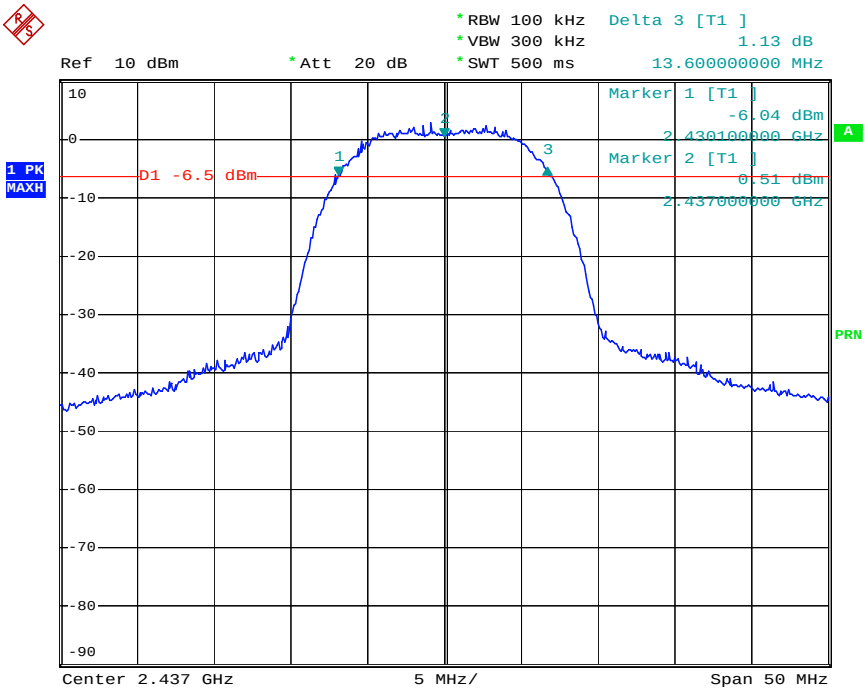
Test Mode: IEEE 802.11b TX Test CH6: 2437MHz



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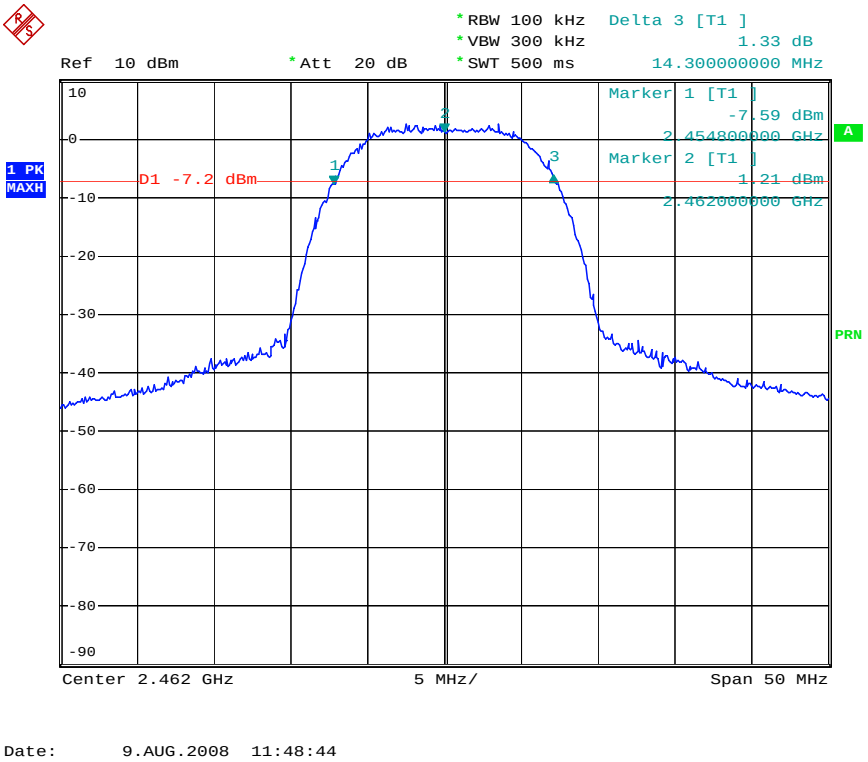
Test Mode: IEEE 802.11b TX Test CH11: 2462MHz



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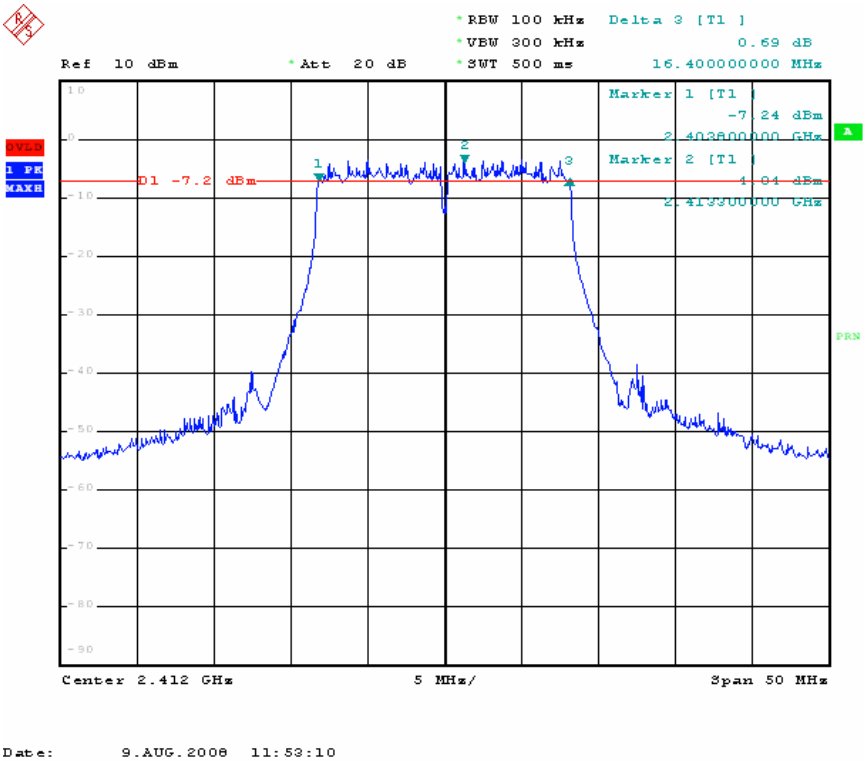
Test Mode: IEEE 802.11g TX Test CH1: 2412MHz



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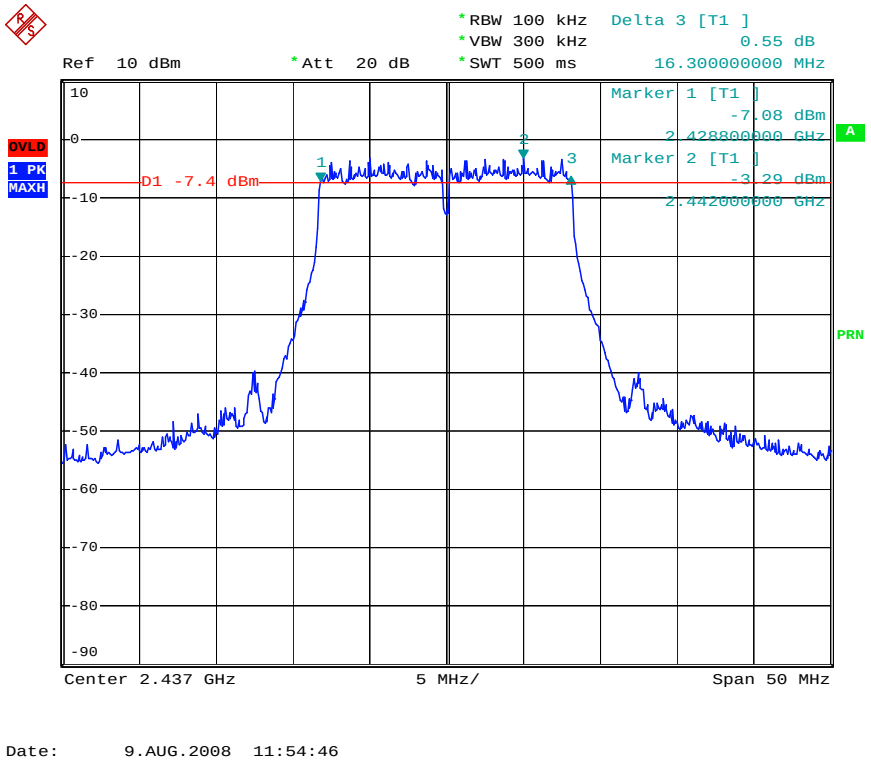
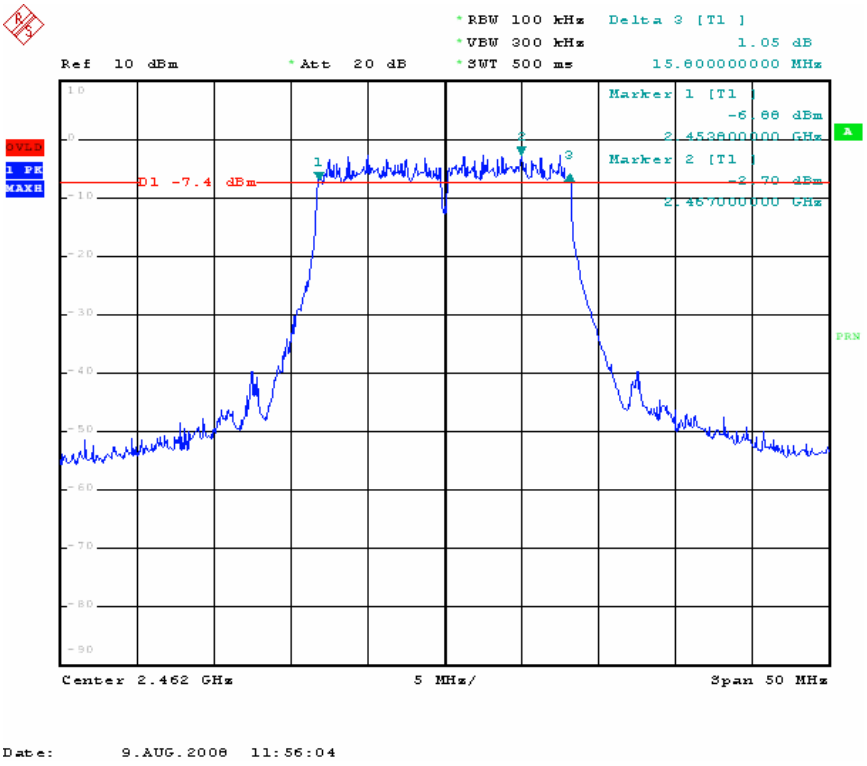
Test Mode: IEEE 802.11g TX Test CH6: 2437MHz



Test Mode: IEEE 802.11g TX Test CH11: 2462MHz



4.4. OUTPUT POWER TEST

4.4.1. Test procedure

The transmitter output was connected to a power meter, use the power meter to read out the peak output power.

4.4.2. Test result

Pass

Test mode: IEEE 802.11b TX

Test CH	Read(PK) (dBm)	Cable loss(dB)	Result (dBm)	Limit (dBm)	Conclusion
1	11.97	0.6	12.57	30	**PASS**
6	12.21	0.6	12.81	30	**PASS**
11	12.72	0.6	13.32	30	**PASS**

Test mode: IEEE 802.11g TX

Test CH	Read(PK) (dBm)	Cable loss(dB)	Result (dBm)	Limit (dBm)	Conclusion
1	4.89	0.6	5.49	30	**PASS**
6	5.20	0.6	5.80	30	**PASS**
11	5.45	0.6	6.05	30	**PASS**

Note：Result= Read + Cable loss

4.5. BAND EDGE COMPLIANCE TEST

4.5.1. Test limits

In any 100kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produce by the intentional radiator shall be at least 20dB below that in 100kHz bandwidth within the band that contains the highest level of the desired power.

4.5.2. Test procedure

1.Connect EUT RF output port to the spectrum analyzer through an RF terminal.

2. Set the EUT work on the CH1, CH11 individually.

3. Set SPA Frequency = Operation frequency, for: RBW =1MHz, VBW≧RBW

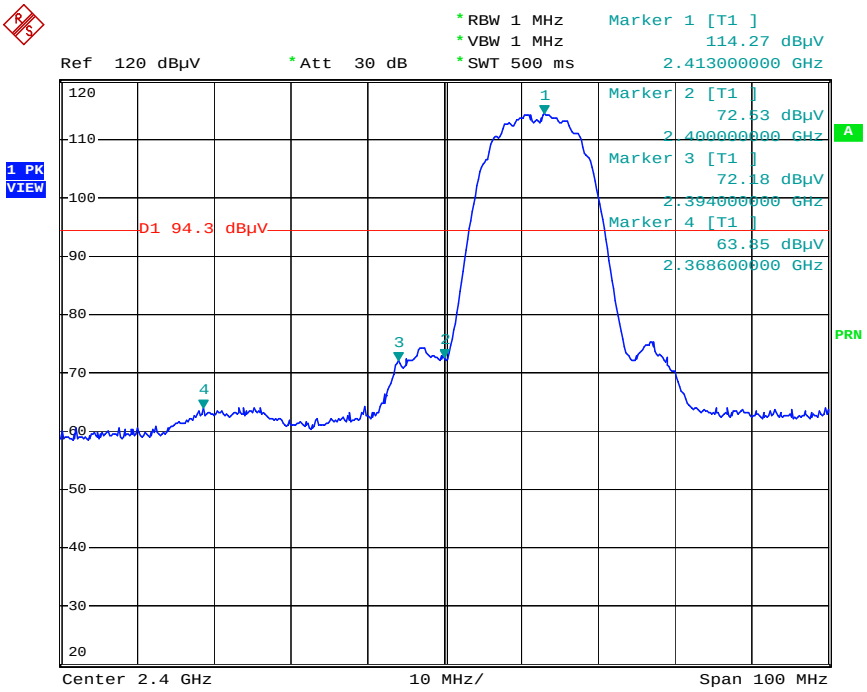
4. Set SPA trace max hold, then view.

4.5.3. Test result

PASS.

The test plots as following:

Test mode: IEEE 802.11b TX



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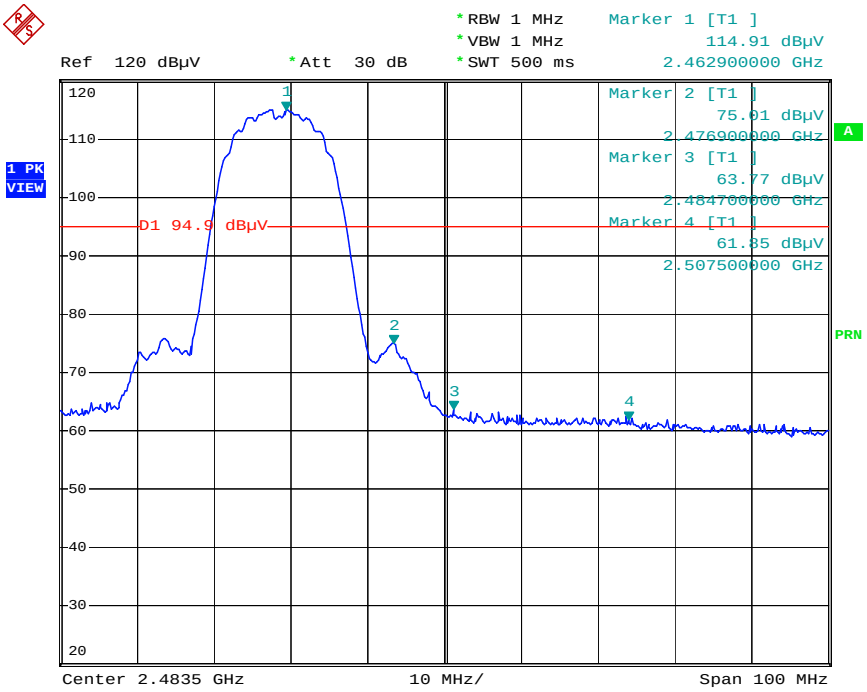

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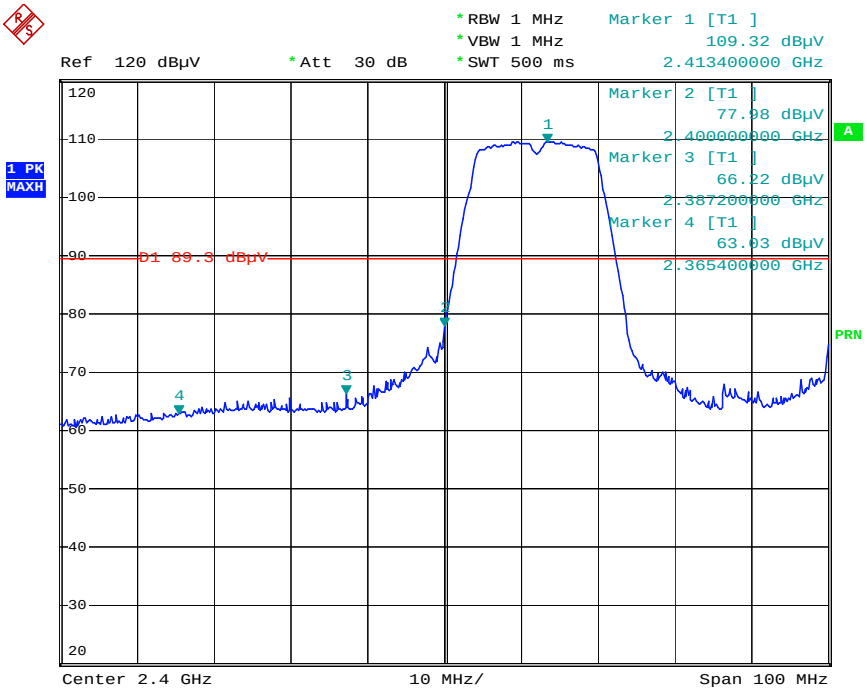
Test mode: IEEE 802.11g TX



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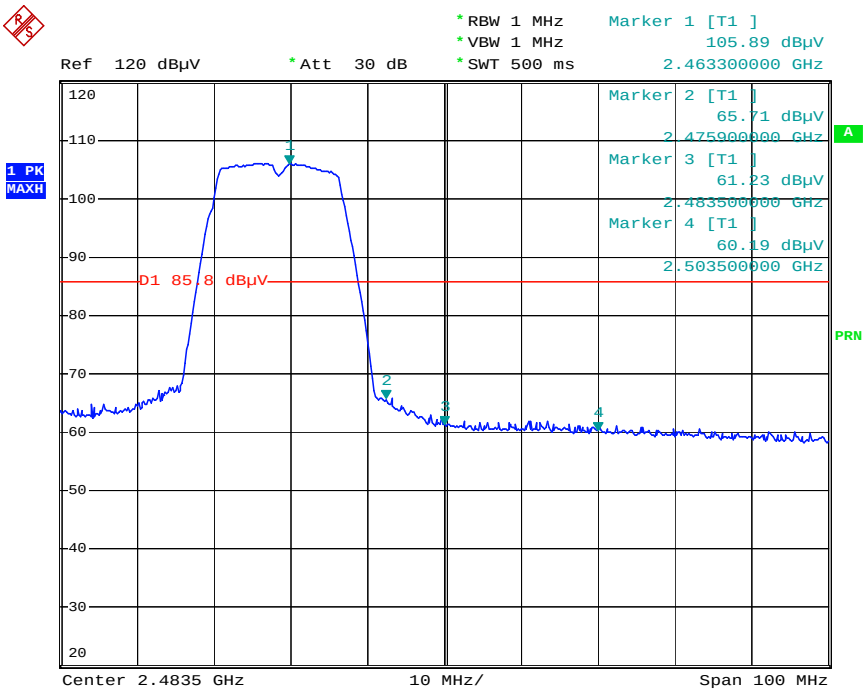


Date: 27.AUG.2008 18:31:18

4.6. POWER SPECTRAL DENSITY TEST

4.6.1. Test procedure

1.Connect EUT RF output port to the spectrum analyzer through an RF attenuator.

2. Set the EUT work on the CH1,CH6, CH11individually.

3. The power density was measured by spectrum analyzer with 3 KHz RBW and 30KHz VBW, sweep time=span/3KHz

4. Set SPA trace max hold, then view.

4.6.2. Test result

PASS.

Test mode: IEEE 802.11b TX

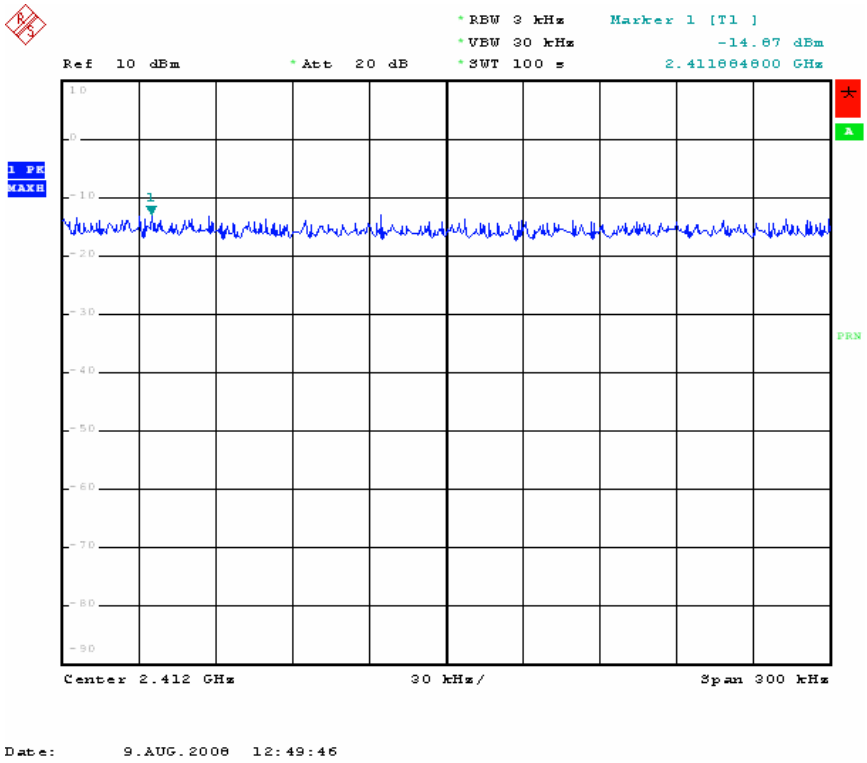
Test CH	Read(PK) (dBm/ 3KHz)	Cable loss(dB)	Atten loss (dB)	Result (dBm/3KHz)	Limit (dBm/3KHz)	Conclusion
1	-14.87	0.6	20	5.73	8	**PASS**
6	-13.74	0.6	20	6.86	8	**PASS**
11	-14.29	0.6	20	6.31	8	**PASS**

Test mode: IEEE 802.11g TX

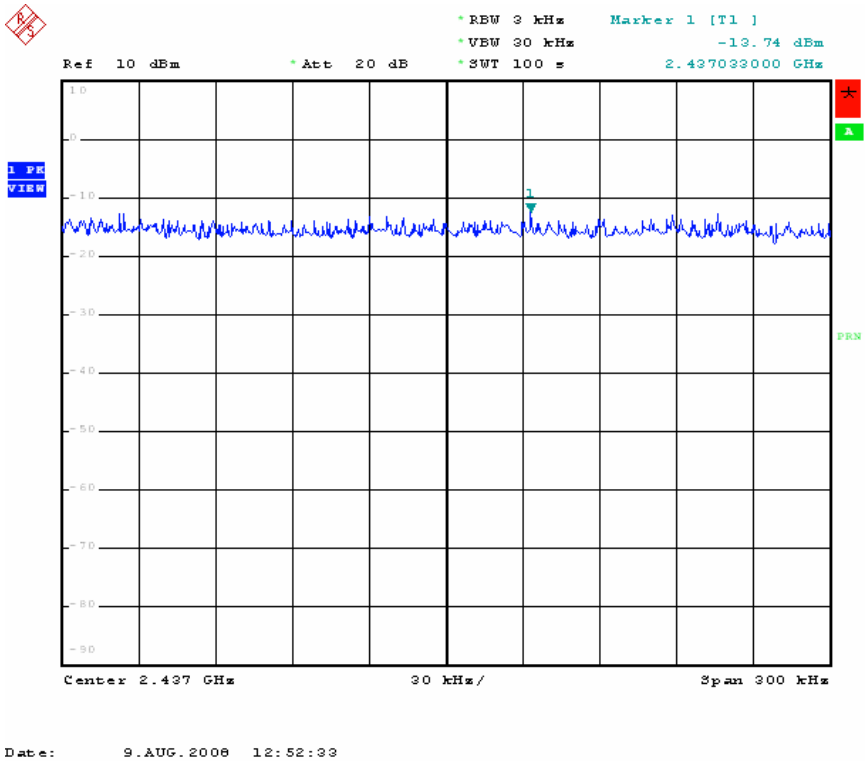
Test CH	Read (dBm/ 3KHz)	Cable loss(dB)	Atten loss (dB)	Result (dBm)	Limit (dBm)	Conclusion
1	-23.76	0.6	20	-3.16	8	**PASS**
6	-26.12	0.6	20	-5.52	8	**PASS**
11	-24.83	0.6	20	-4.23	8	**PASS**

The test plots as following:

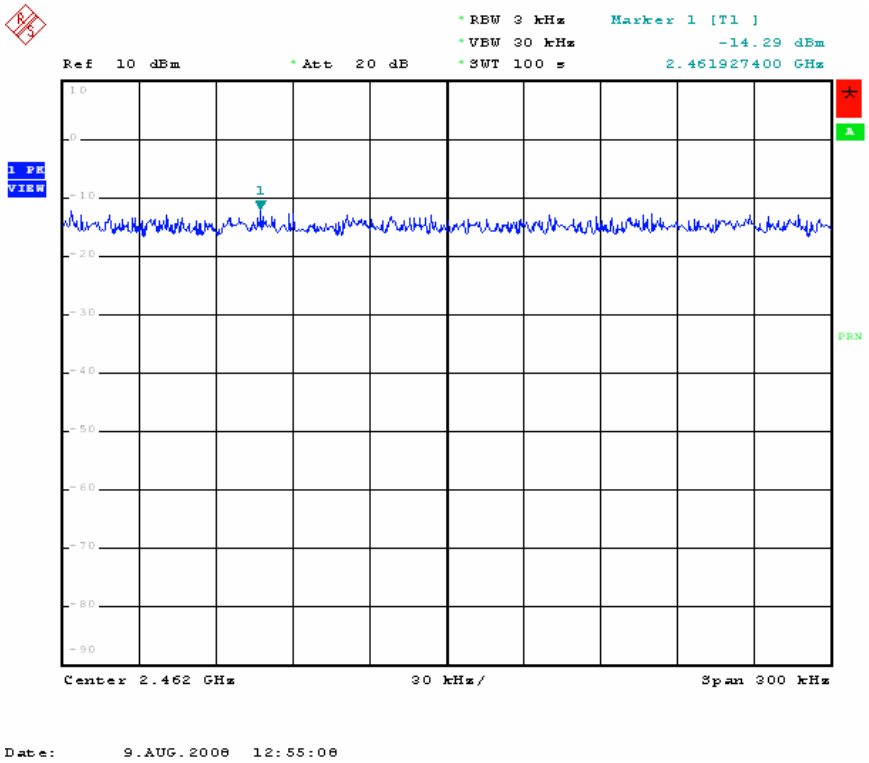
Test Mode: IEEE 802.11b TX Test CH1: 2412MHz



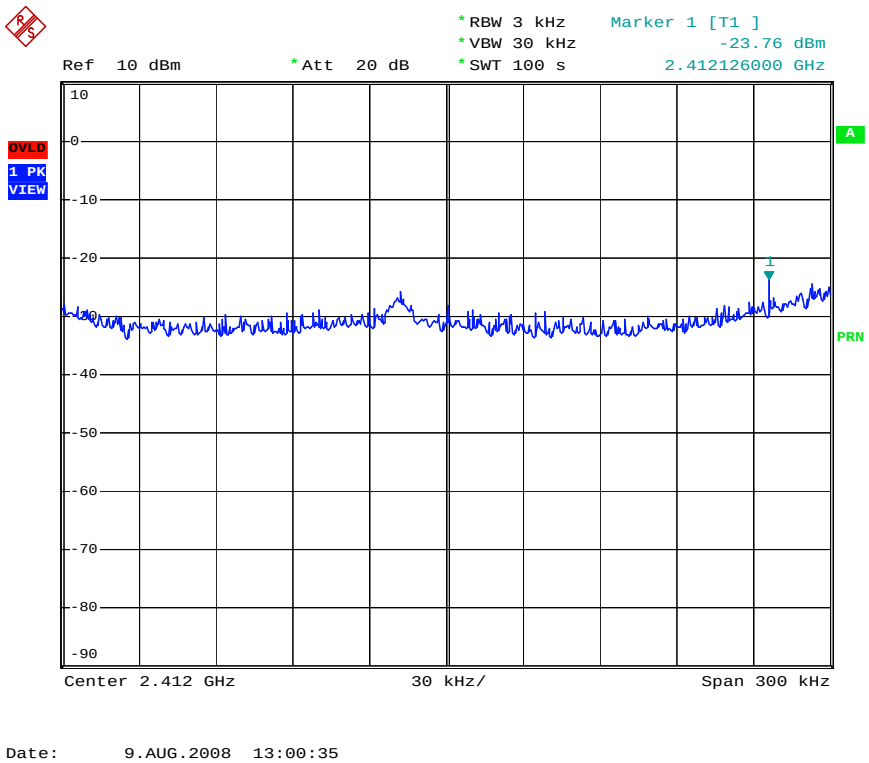
Test Mode: IEEE 802.11b TX Test CH6: 2437MHz



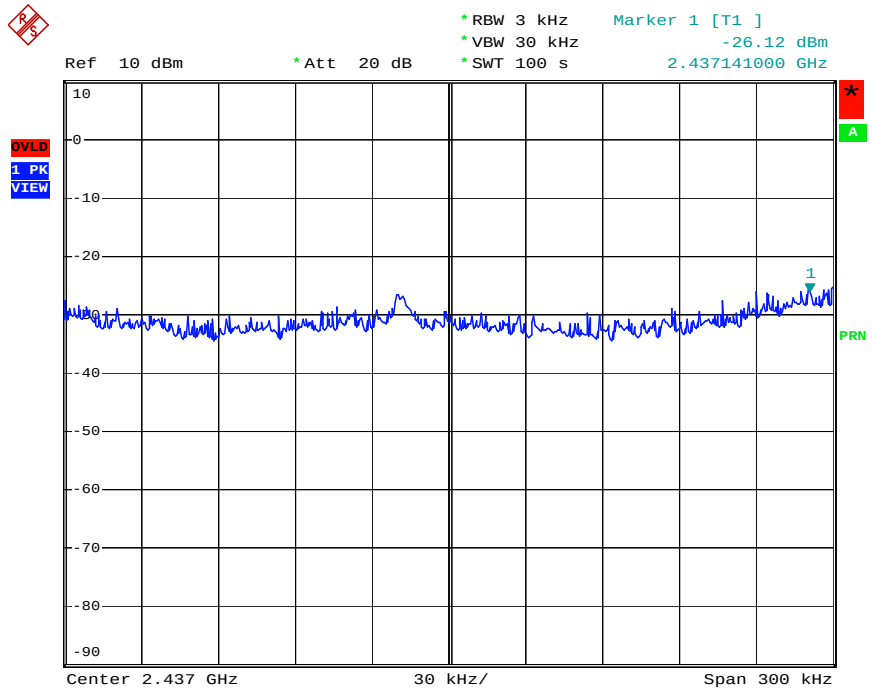
Test Mode: IEEE 802.11b TX Test CH11: 2462MHz



Test Mode: IEEE 802.11g TX Test CH1: 2412MHz

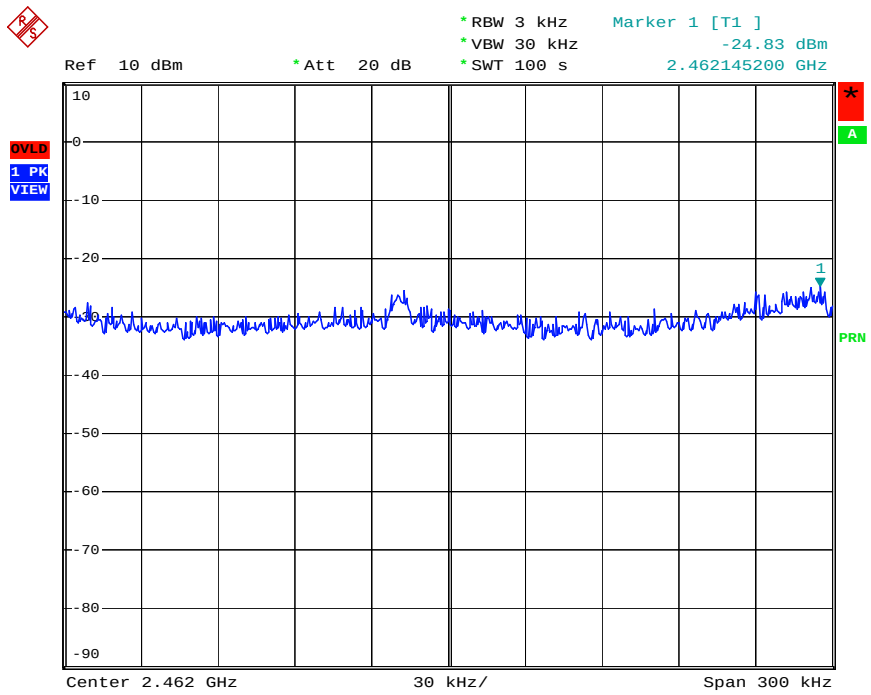


Test Mode: IEEE 802.11g TX Test CH6: 2437MHz



Date: 9.AUG.2008 13:03:34

Test Mode: IEEE 802.11g TX Test CH11: 2462MHz



Date: 9.AUG.2008 13:06:33

4.7. MPE ESTIMATION

4.7.1. Limit for General Population / Uncontrolled Exposures

Frequency	Power density (mW/cm²)	Averaging time (minutes)
300MHz~1.5GHz	F/1500	30
1.5GHz~100GHz	1.0	30

Frequency (MHz)	Power density (mW/cm²)	Averaging time (minutes)
2412	1	30
2437	1	30
2462	1	30

Note: F = Frequency in MHz

4.7.2. Estimation Result

IEEE 802.11b Mode

Channel	Frequency(MHz)	Peak output power(dBm)	antenna gain(dBi)	antenna gain (Linear)
1	2412	12.57	2	1.58489
6	2437	12.81	2	1.58489
11	2462	13.32	2	1.58489

Channel	Frequency(MHz)	Peak output power to antenna (mW)	Power density at 20cm(mW/ cm2)
1	2412	18.0717	0.005698
6	2437	19.0985	0.006022
11	2462	21.4783	0.006772

IEEE 802.11g Mode

Channel	Frequency(MHz)	Peak output power(dBm)	antenna gain(dBi)	antenna gain (Linear)
1	2412	5.49	2	1.58489
6	2437	5.80	2	1.58489
11	2462	6.05	2	1.58489

Channel	Frequency(MHz)	Peak output power to antenna (mW)	Power density at 20cm(mW/ cm2)
1	2412	3.5400	0.001116
6	2437	3.8019	0.001199
11	2462	4.0272	0.001270

4.8. ANTENNA REQUIREMENT

4.8.1. STANDARD APPLICABLE

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

4.8.2. ANTENNA CONNECTED CONSTRUCTION

The antenna used for this product is designed that no antenna other than that furnished by the responsible party shall be used with the device. The maximum peak Gain of this antenna is only 2dBi.

4.8.3. DEVIATION TO TEST SPECIFICATIONS

[NONE]

4.9. Radiated Emission

4.9.1. Test limits

1) FCC part 15C section 15.209
2) FCC part 15C section 15.247(d)

4.9.2. Test procedure

The EUT was placed on a turn table which was 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was set 3 meters away from the receiving antenna which was mounted on a antenna tower.

At the frequency band of 30MHz to 1GHz,The measuring antenna moved up and down to find out the maximum emission level. It moved from 1 to 4 m for horizontal and vertical polarizations. The broadband antenna (calibrated by dipole antenna) was used as a receiving antenna.

At the frequency band of 1GHz to 25GHz,The measuring antenna moved from 1 to 4 m for horizontal and vertical polarization. The horn antenna was usedas a receiving antenna. The resolution bandwidth and video bandwidth of the test receiver was 120 KHz and 300KHz for Quasi-peak detection at frequency below 1GHz.

The resolution bandwidth and video bandwidth of the test receiver was1MHz and 1MHz for Peak detection at frequency above 1GHz.

For Average measurement at frequency above 1GHz.The resolution bandwidth of the test receiver was 1MHz ; due to the shortest pulse width T is 116us, according the video bandwidth should not smaller than 1/T,so the video bandwidth is 10Hz.

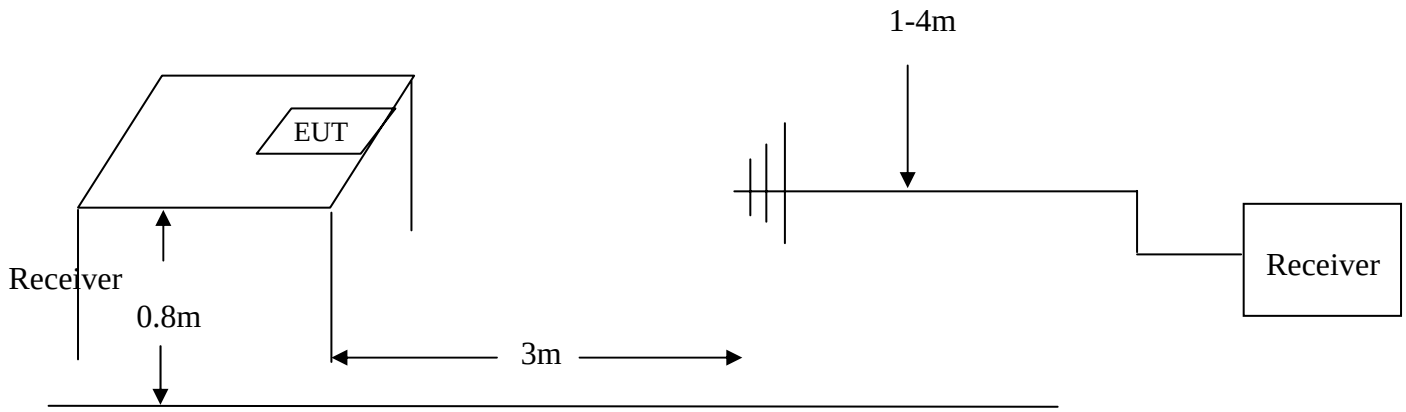
In 18GHz to 25GHz, The EUT was checked by Horn ANT . But the test result is background.

The EUT position(X. Y. Z) were checked and worse case was happened in Y position. So Y position was chose for find measurement.

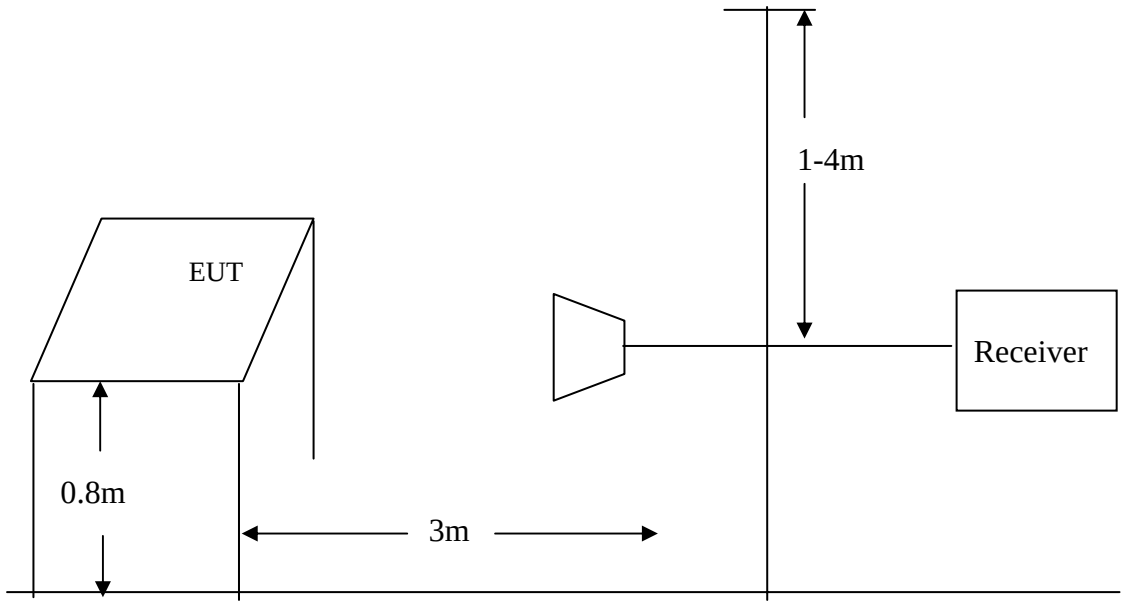
The EUT was tested in Chamber Site.

4.9.3. Test Setup Diagram

4.9.3.1. Frequency range: 30MHz-1000MHz



4.9.3.2. Frequency range: 1 GHz -18GHz



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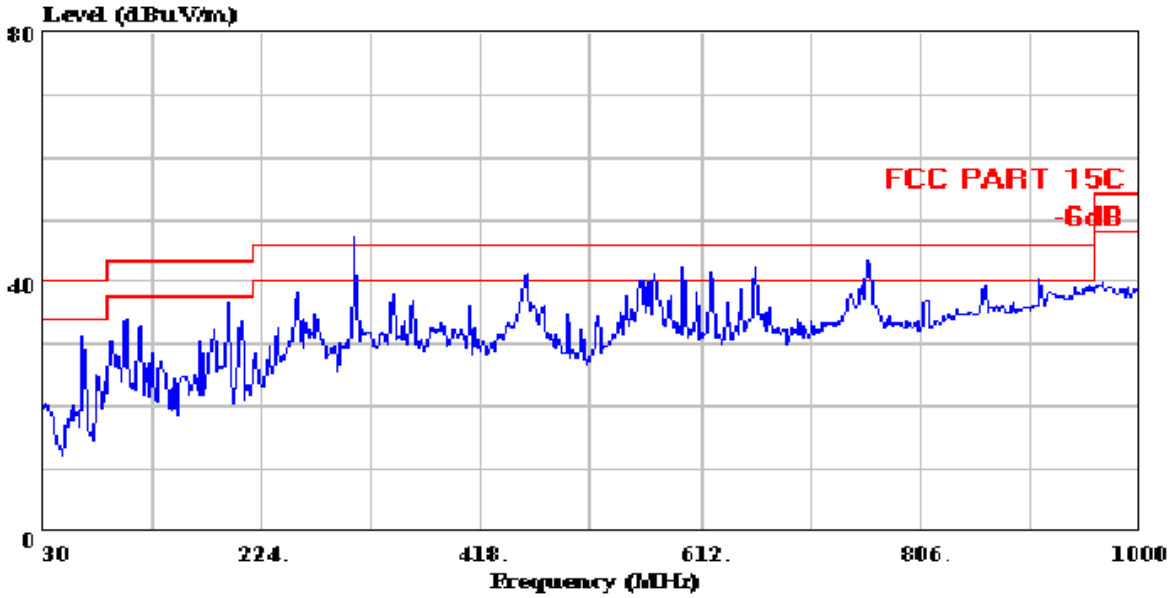
Data#: 117 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:14:05



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH1 2412MHz

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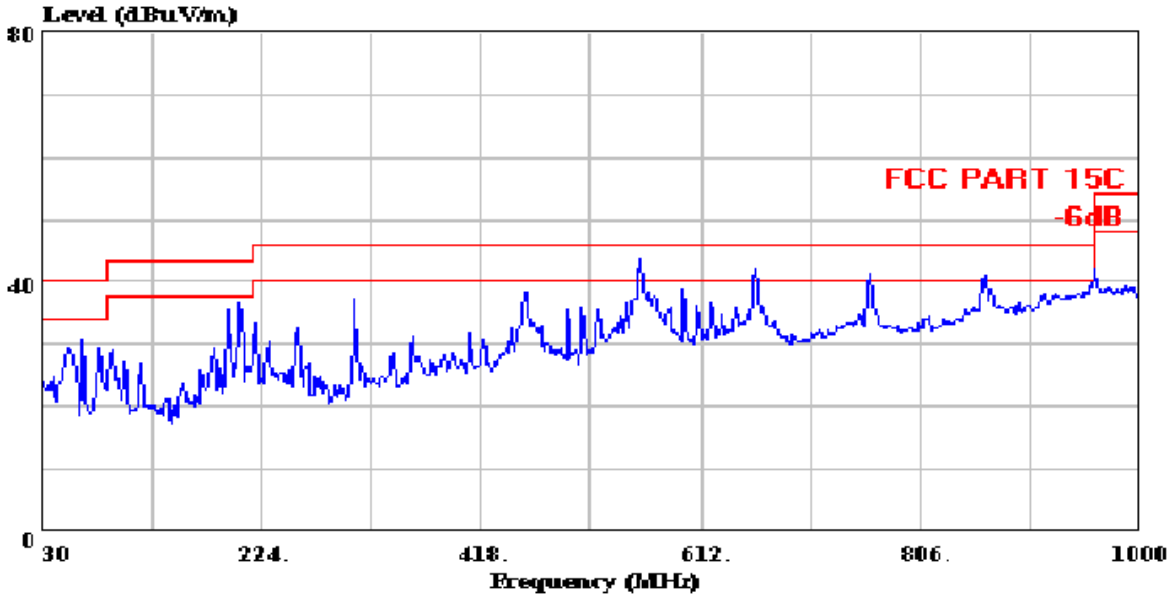
Data#: 118 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:17:33



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH1 2412MHz

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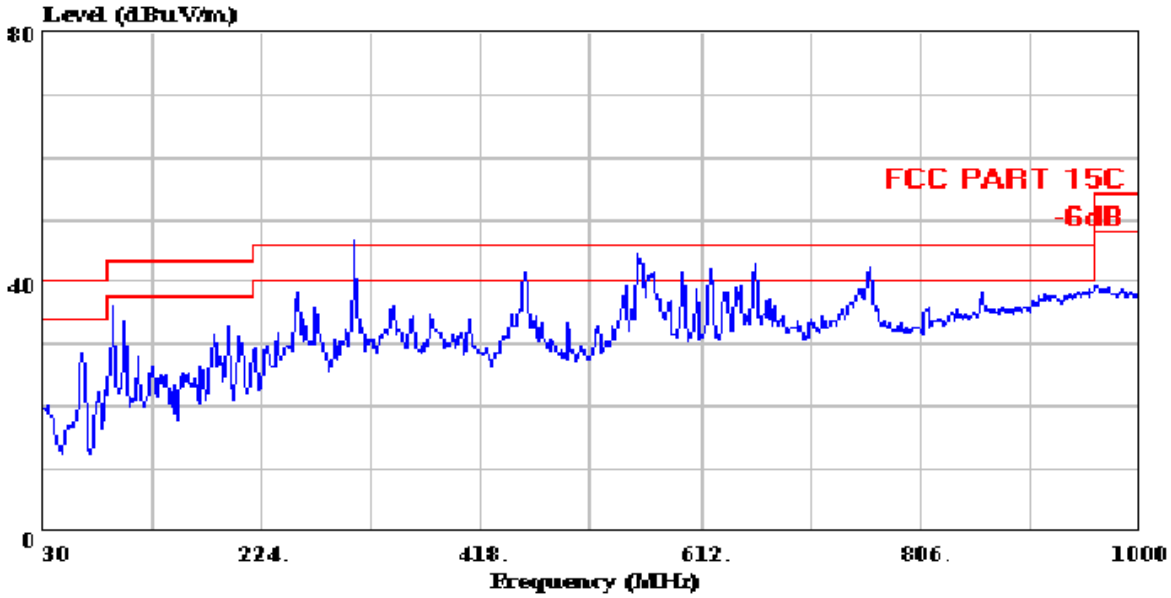
Data#: 120 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:20:34



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH6 2437MHz

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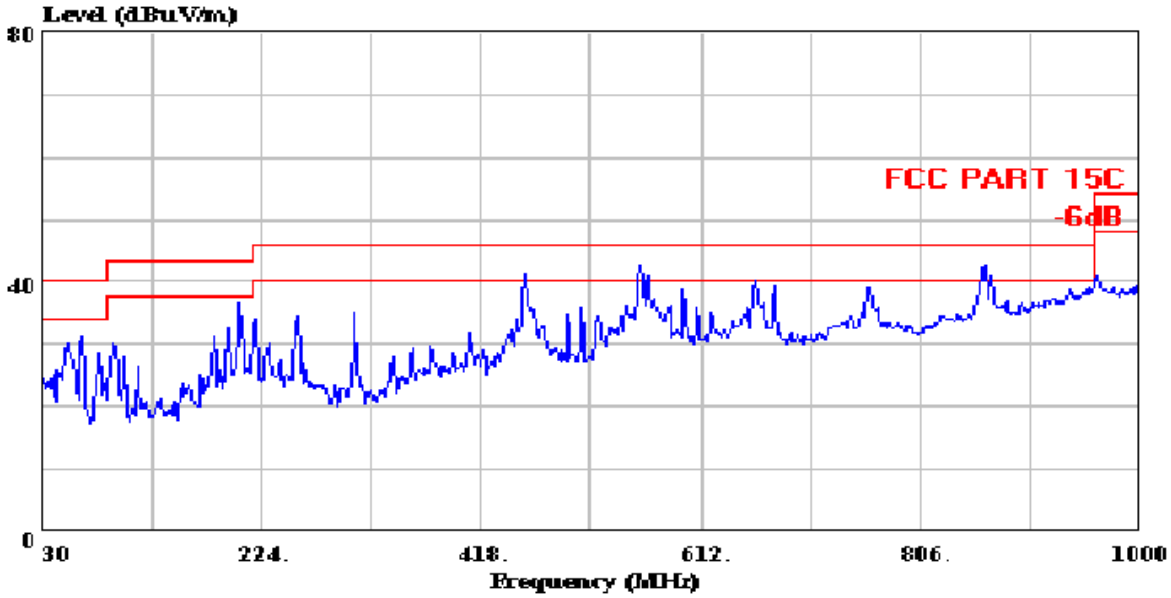
Data#: 119 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:19:34



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH6 2437MHz

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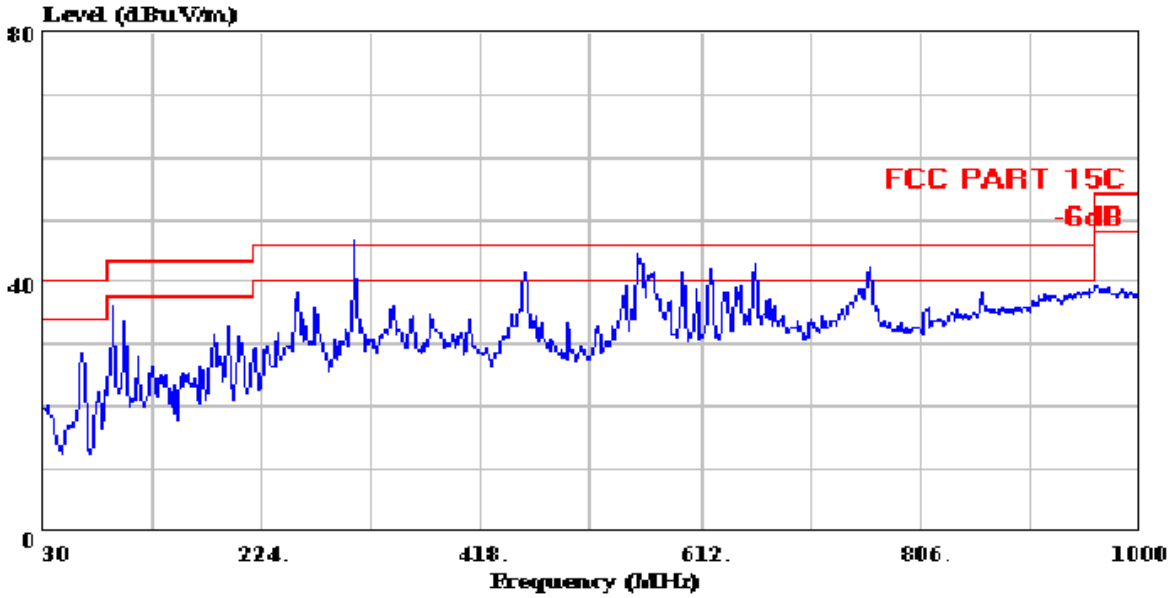
Data#: 122 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:22:42



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH11 2462MHz

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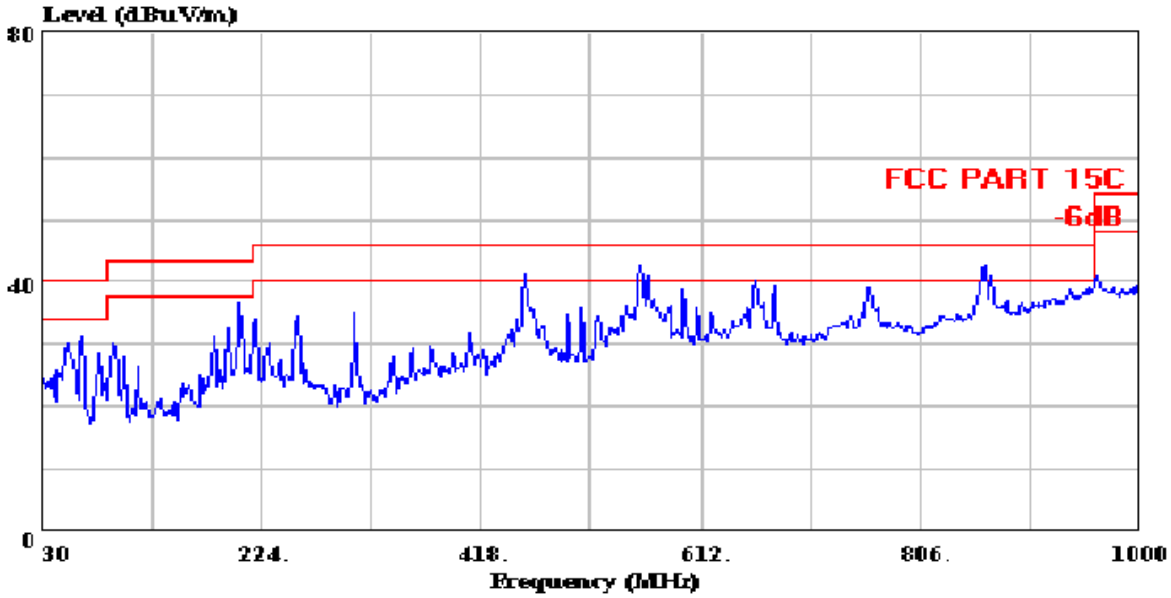
Data#: 121 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:21:29



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH11 2462MHz

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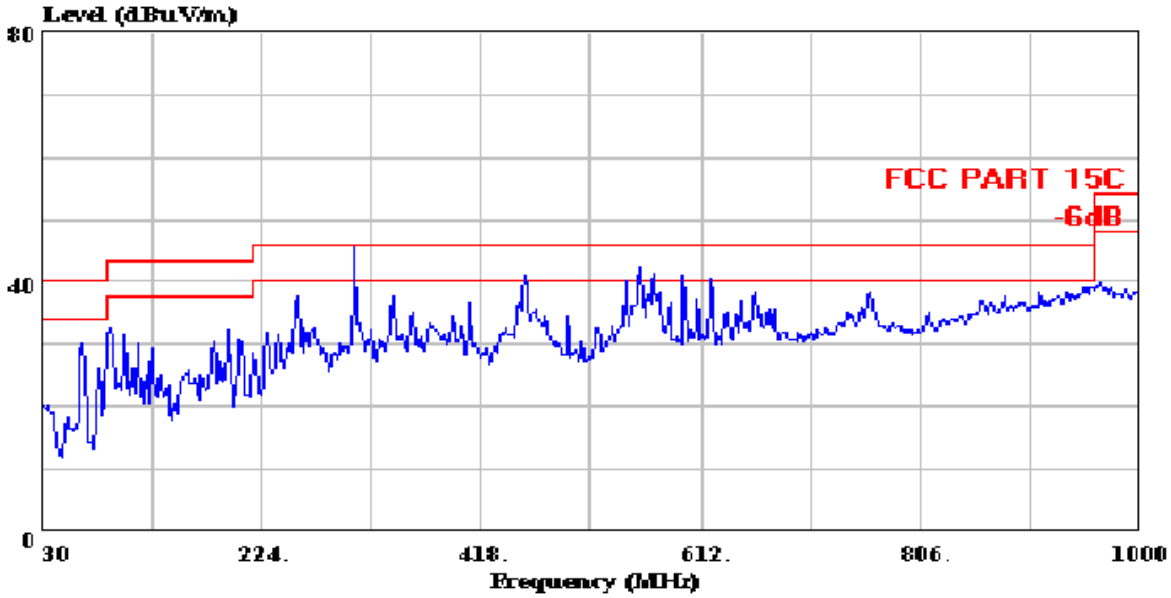
Data#: 123 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:23:35



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH11 2462MHz

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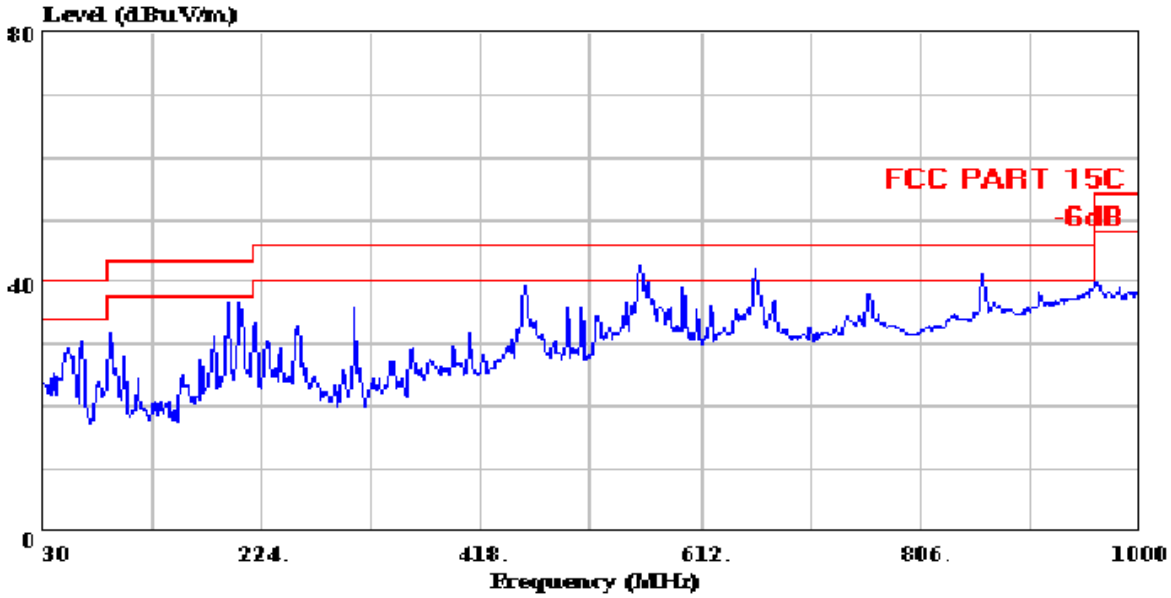

Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH11 2462MHz

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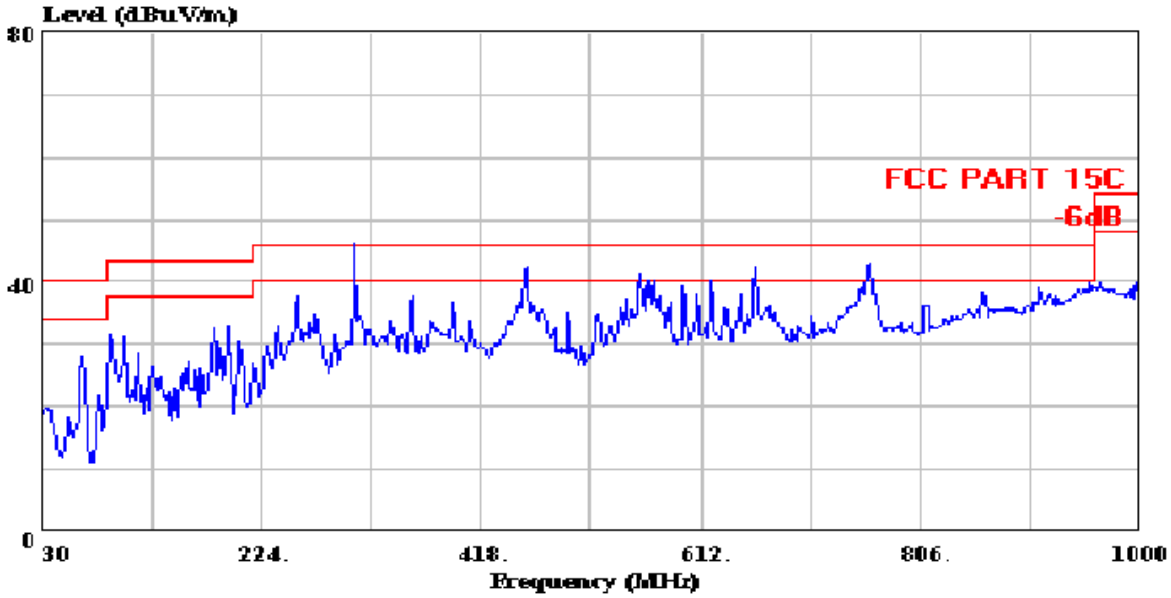
Data#: 126 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:26:31



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH6 2437MHz

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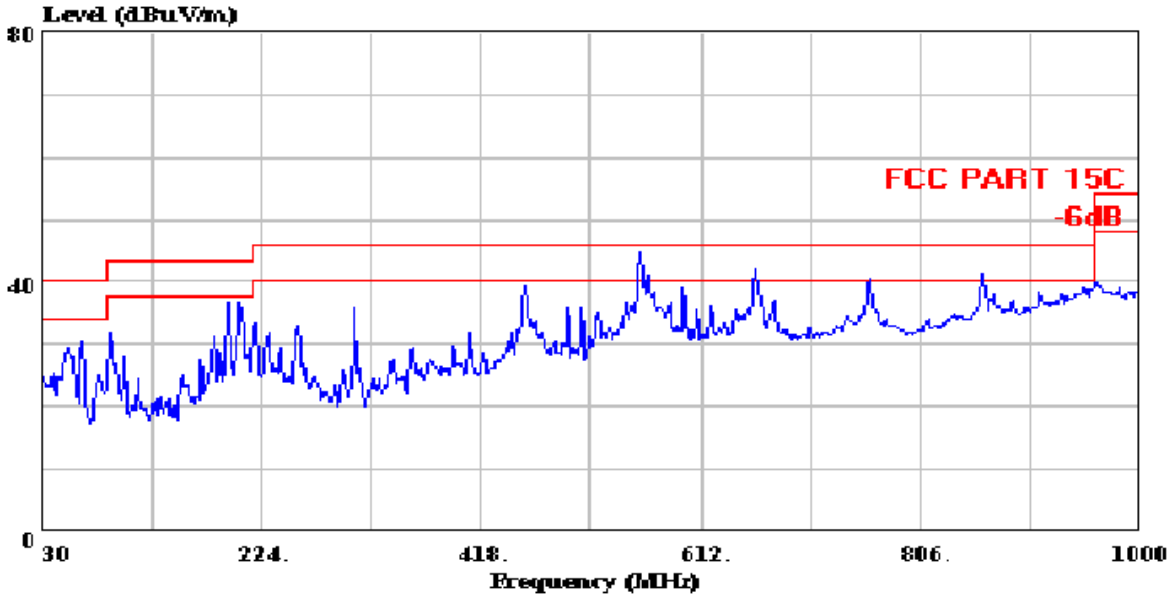
Data#: 125 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:25:45



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH6 2437MHz

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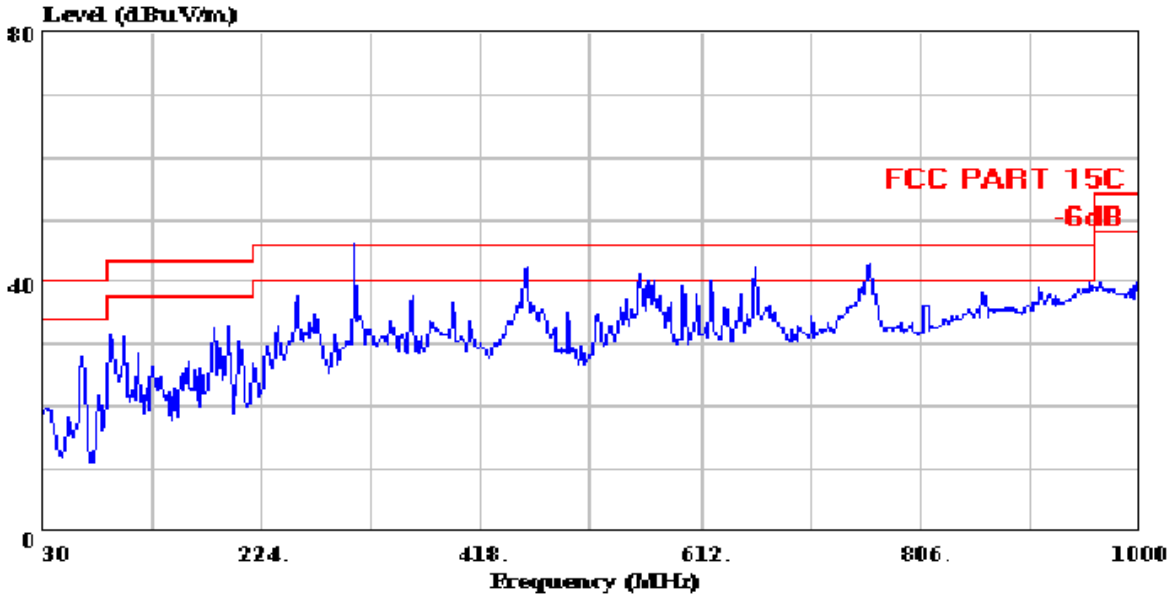

Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH1 2412MHz

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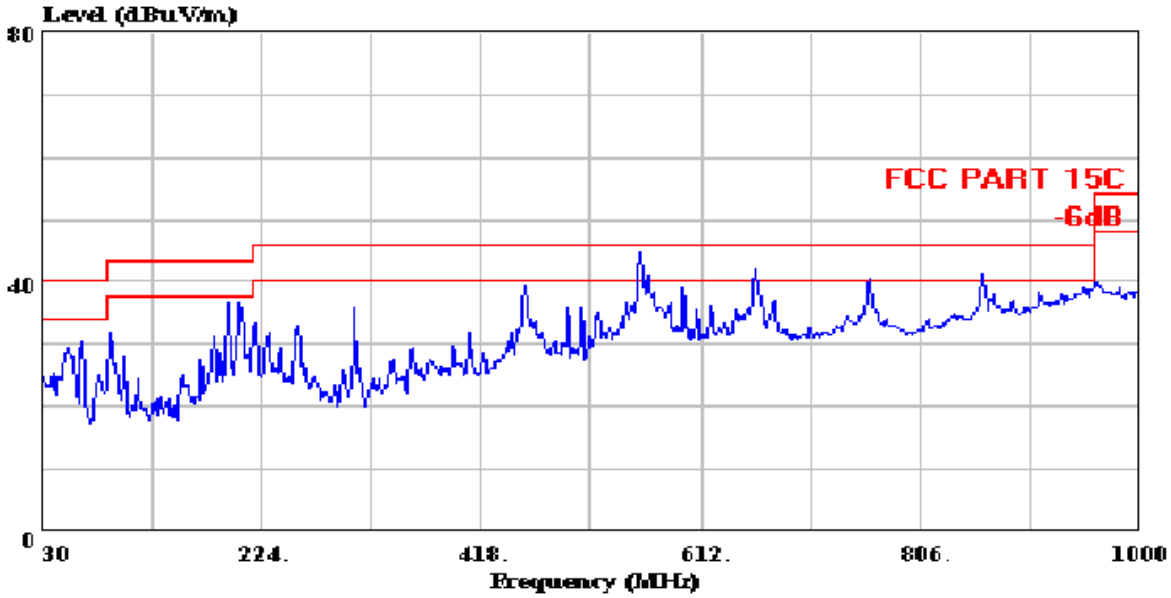

Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH1 2412MHz

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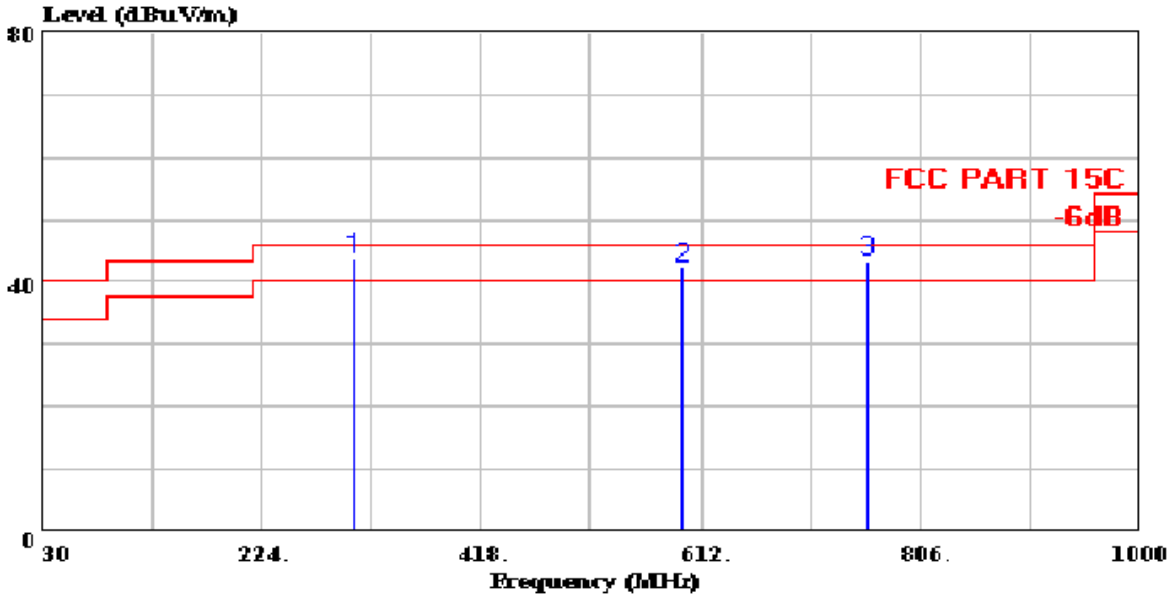
Data#: 155 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:14:05



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH1 2412MHz
: Ant high:2.8m; Table angle:166'

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1 !	304.285	43.77	-2.23	46.00	29.40	2.87	11.50	QP
2 !	596.480	42.21	-3.79	46.00	15.58	4.41	22.22	QP
3 !	759.440	43.46	-2.54	46.00	15.17	5.33	22.96	QP

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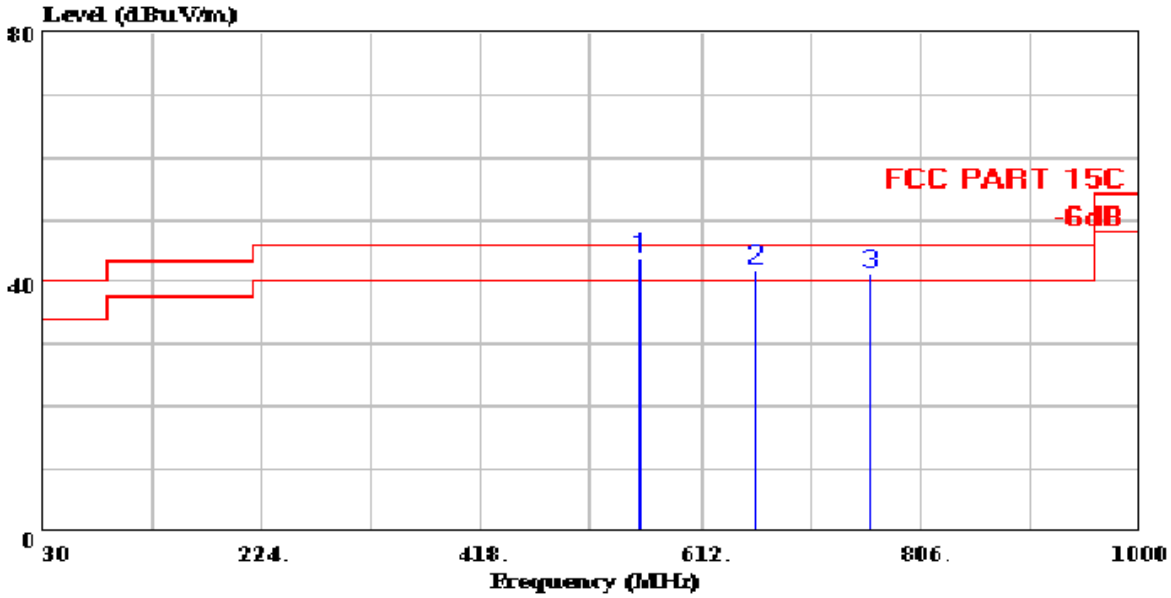
Data#: 156 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:17:33



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH1 2412MHz
: Ant high:1.3m; Table angle:52'

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1 !	557.680	43.81	-2.19	46.00	18.05	4.21	21.55	QP
2 !	659.530	41.94	-4.06	46.00	14.85	4.71	22.38	QP
3 !	761.380	41.33	-4.67	46.00	13.07	5.32	22.94	QP

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Guangdong,China
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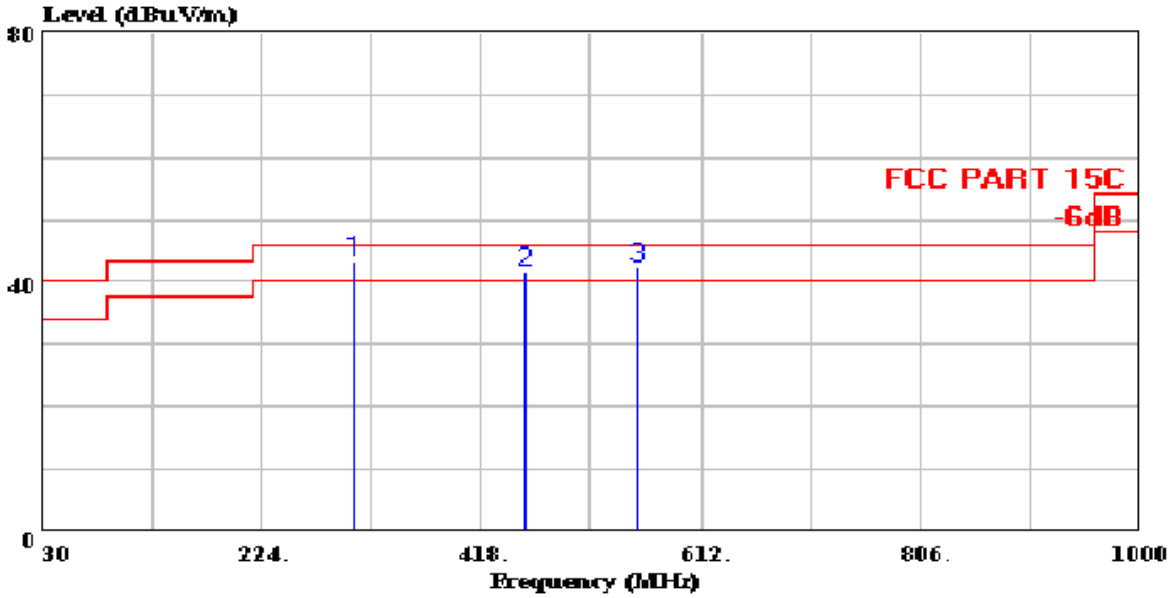
Data#: 158 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:20:34



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH6 2437MHz
: Ant high:2.7m; Table angle:162'

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1 !	305.480	43.25	-2.75	46.00	28.81	2.88	11.56	QP
2 !	455.830	41.47	-4.53	46.00	19.51	3.66	18.30	QP
3 !	555.740	42.18	-3.82	46.00	16.45	4.19	21.54	QP

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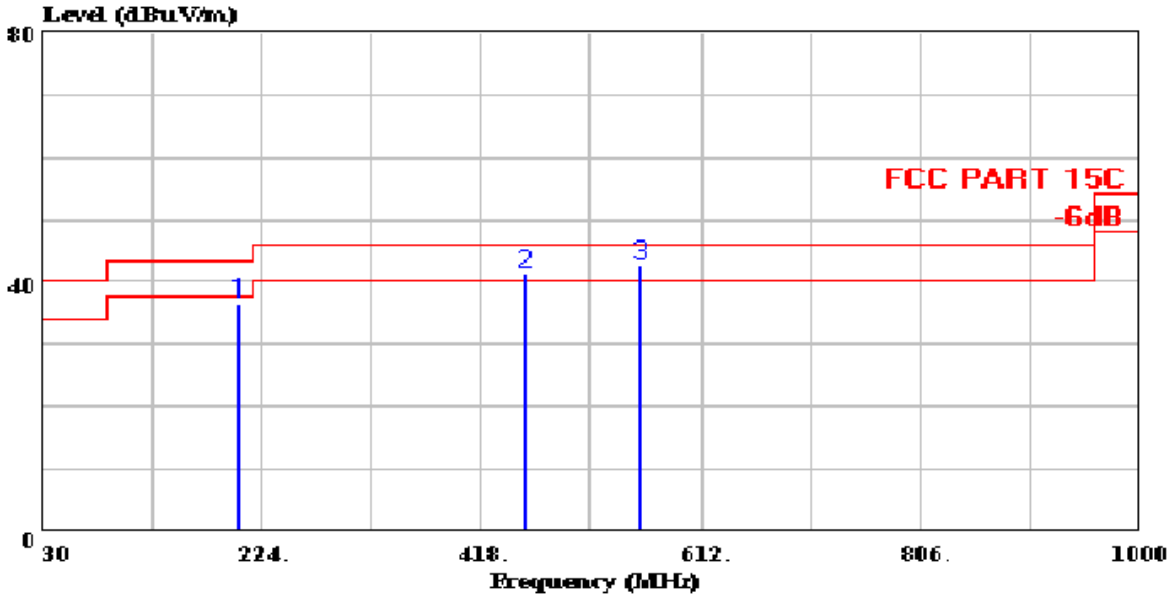
Data#: 157 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:19:34



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH6 2437MHz
: Ant high:1.2m; Table angle:55'

Page: 1

		Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1		203.630	36.65	-6.85	43.50	25.00	2.24	9.41	QP
2	!	455.830	41.33	-4.67	46.00	19.37	3.66	18.30	QP
3	!	557.680	42.64	-3.36	46.00	16.88	4.21	21.55	QP

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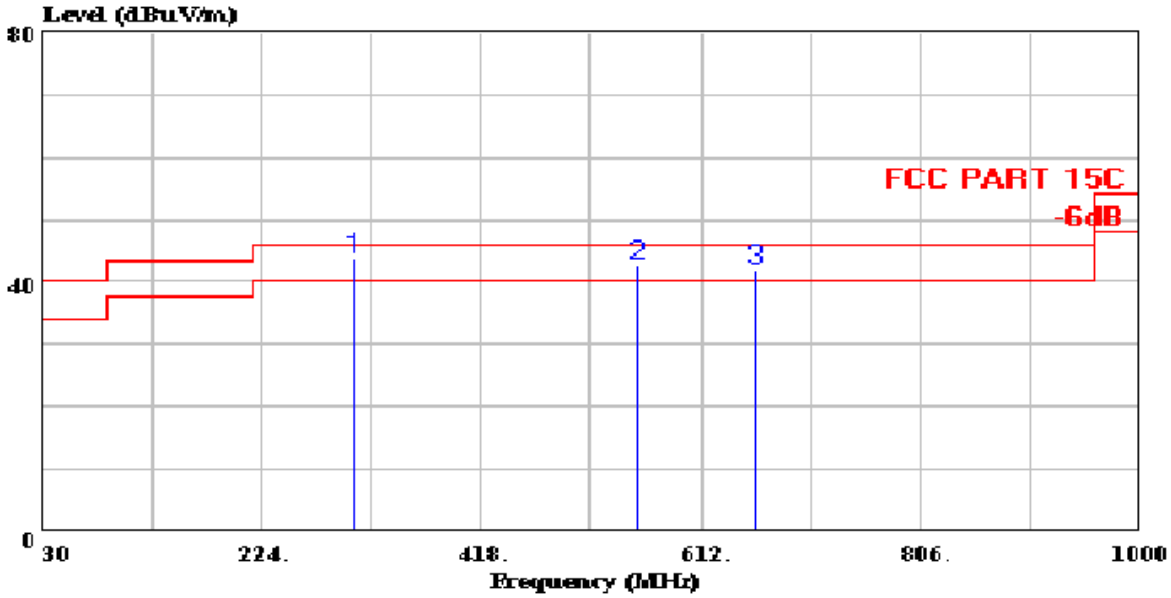
Data#: 160 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:22:42



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH11 2462MHz
: Ant high:2.8m; Table angle:170'

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1 !	305.480	43.78	-2.22	46.00	29.34	2.88	11.56	QP
2 !	555.740	42.64	-3.36	46.00	16.91	4.19	21.54	QP
3 !	659.530	42.12	-3.88	46.00	15.03	4.71	22.38	QP

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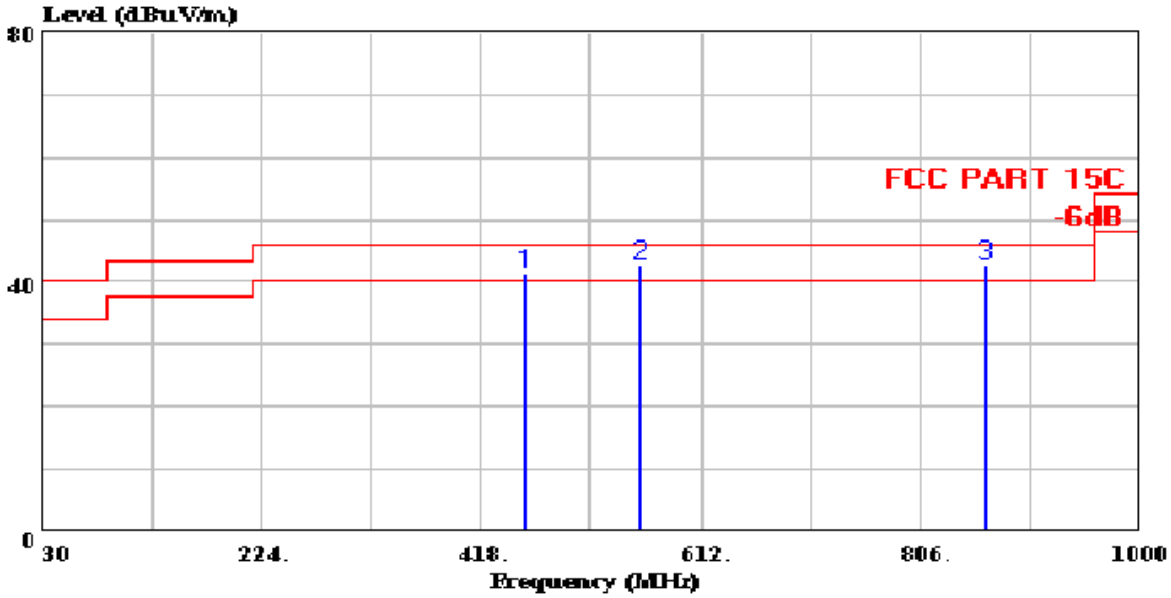
Data#: 159 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:21:29



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH11 2462MHz
: Ant high:1.3m; Table angle:55'

Page: 1

		Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1	!	455.830	41.33	-4.67	46.00	19.37	3.66	18.30	QP
2	!	557.680	42.64	-3.36	46.00	16.88	4.21	21.55	QP
3	!	863.230	42.84	-3.16	46.00	12.25	6.09	24.50	QP

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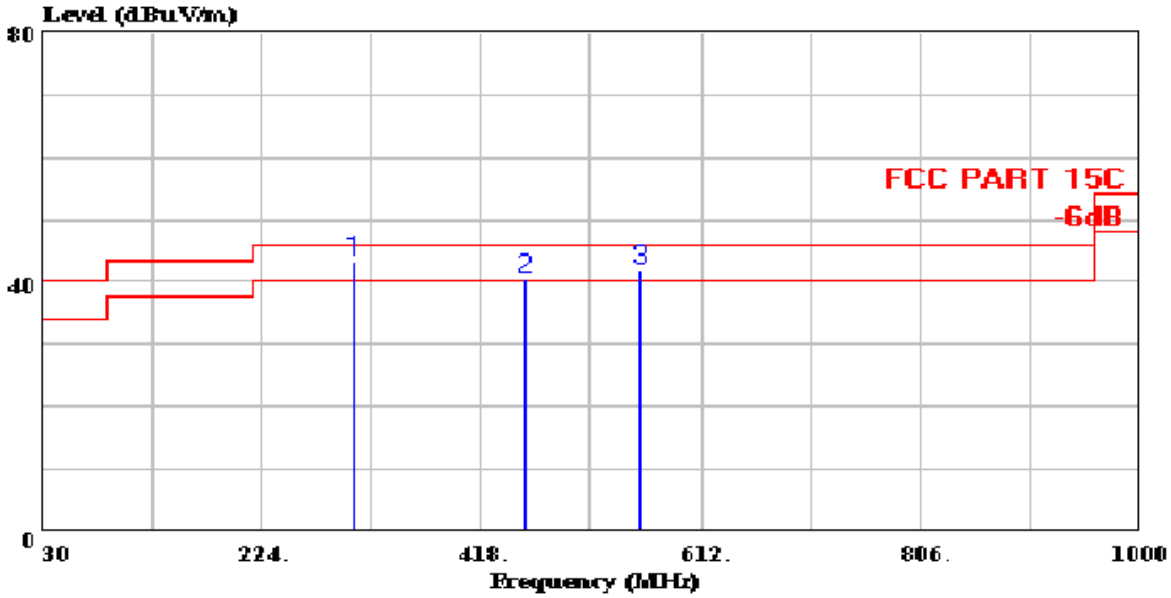
Data#: 161 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:23:35



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH11 2462MHz
: Ant high:3.1m; Table angle:163'

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1 !	305.480	43.32	-2.68	46.00	28.88	2.88	11.56	QP
2 !	455.830	40.55	-5.45	46.00	18.59	3.66	18.30	QP
3 !	557.680	41.80	-4.20	46.00	16.04	4.21	21.55	QP

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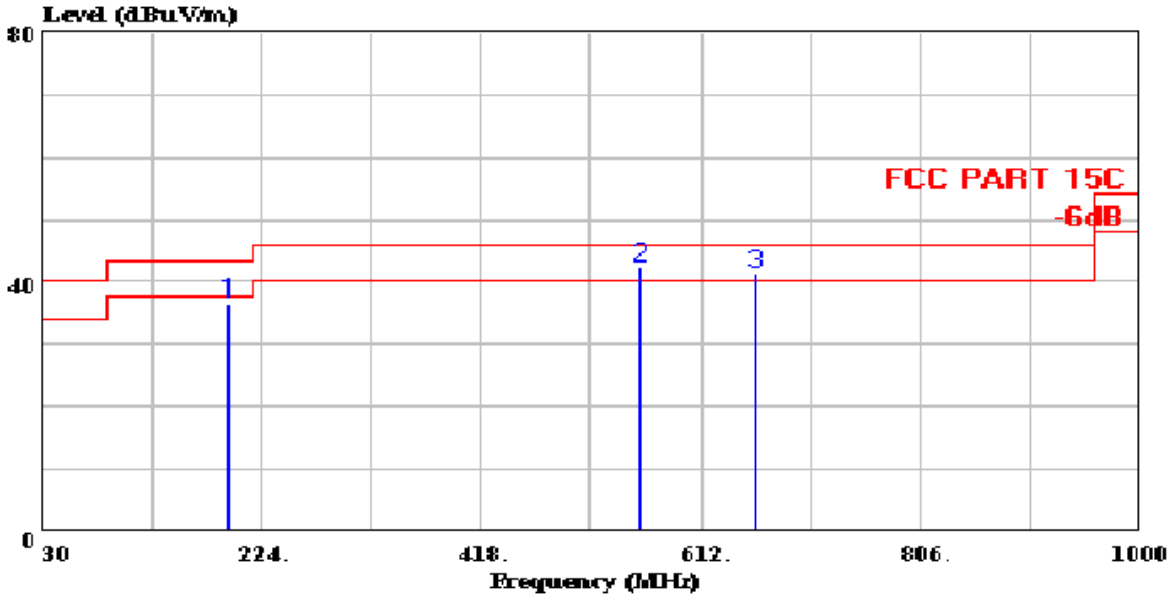
Data#: 162 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:24:54



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH11 2462MHz
: Ant high:1.2m; Table angle:60'

Page: 1

		Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1		193.930	36.42	-7.08	43.50	24.77	2.19	9.46	QP
2	!	557.680	42.21	-3.79	46.00	16.45	4.21	21.55	QP
3	!	659.530	41.25	-4.75	46.00	14.16	4.71	22.38	QP

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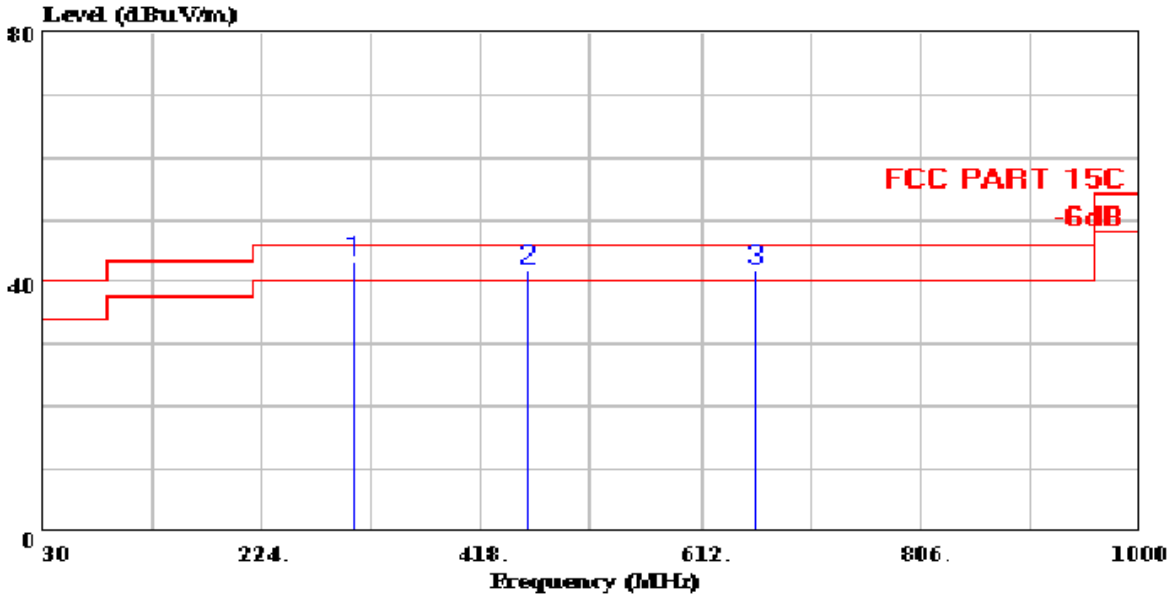
Data#: 164 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:26:31



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH6 2437MHz
: Ant high:2.8m; Table angle:168'

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1 !	305.480	43.36	-2.64	46.00	28.92	2.88	11.56	QP
2 !	458.740	42.01	-3.99	46.00	19.94	3.68	18.39	QP
3 !	659.530	41.87	-4.13	46.00	14.78	4.71	22.38	QP

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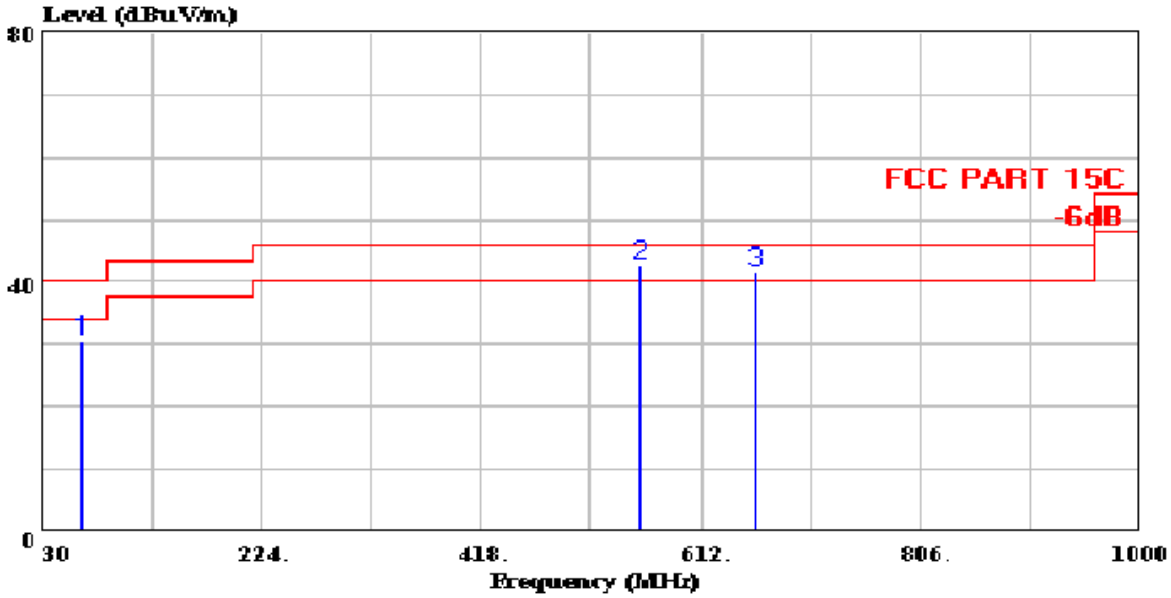
Data#: 163 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:25:45



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH6 2437MHz
: Ant high:3.3m; Table angle:171'

Page: 1

		Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1		65.890	30.63	-9.37	40.00	26.03	1.22	3.38	QP
2	!	557.680	42.67	-3.33	46.00	16.91	4.21	21.55	QP
3	!	659.530	41.51	-4.49	46.00	14.42	4.71	22.38	QP

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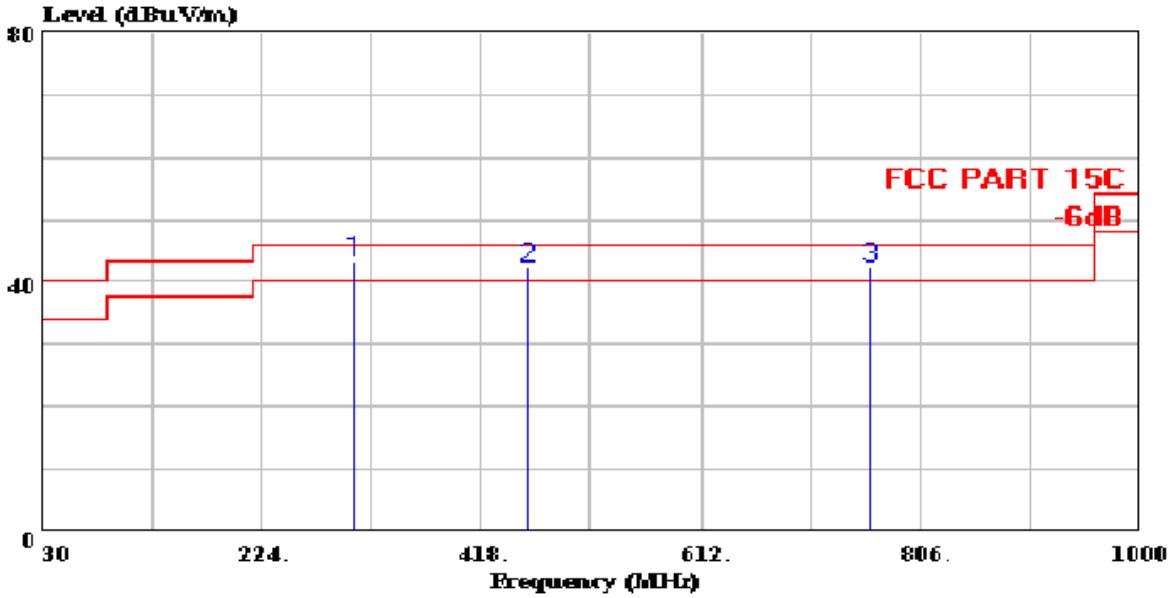
Data#: 166 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:30:31



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH1 2412MHz
: Ant high:2.7m; Table angle:170'

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1 !	305.480	43.25	-2.75	46.00	28.81	2.88	11.56	QP
2 !	458.740	42.39	-3.61	46.00	20.32	3.68	18.39	QP
3 !	761.380	42.31	-3.69	46.00	14.05	5.32	22.94	QP

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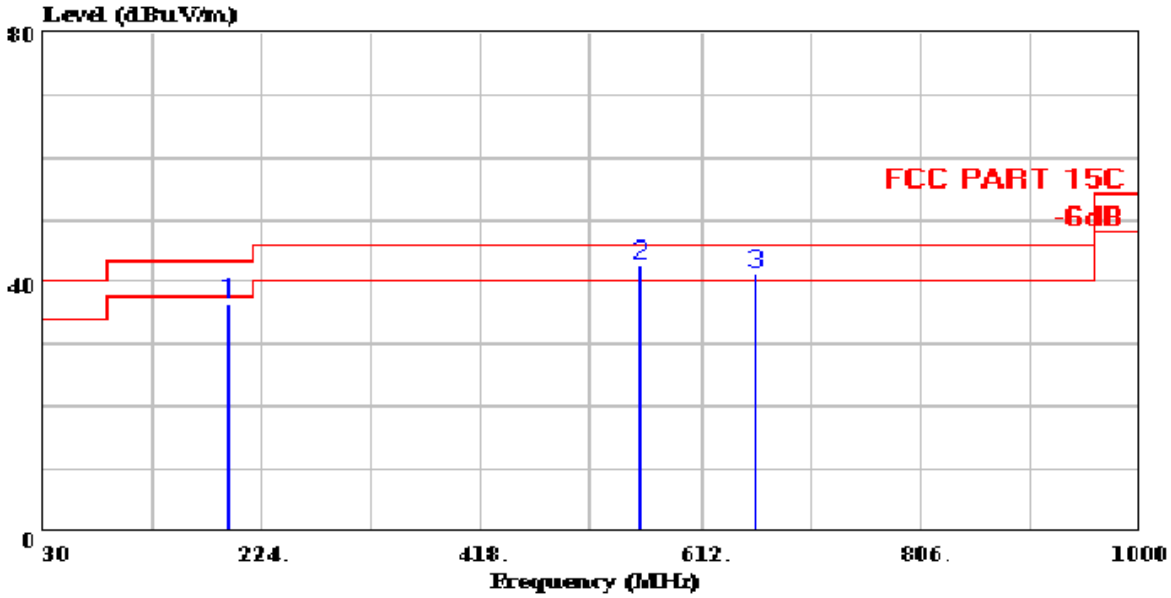
Data#: 165 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-07 Time: 14:28:45



Site : 966 Chamber
Condition : FCC PART 15C 3m 3142B VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH1 2412MHz
: Ant high:1.1m; Table angle:48'

Page: 1

		Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1		193.930	36.42	-7.08	43.50	24.77	2.19	9.46	QP
2	!	557.680	42.68	-3.32	46.00	16.92	4.21	21.55	QP
3	!	659.530	41.21	-4.79	46.00	14.12	4.71	22.38	QP

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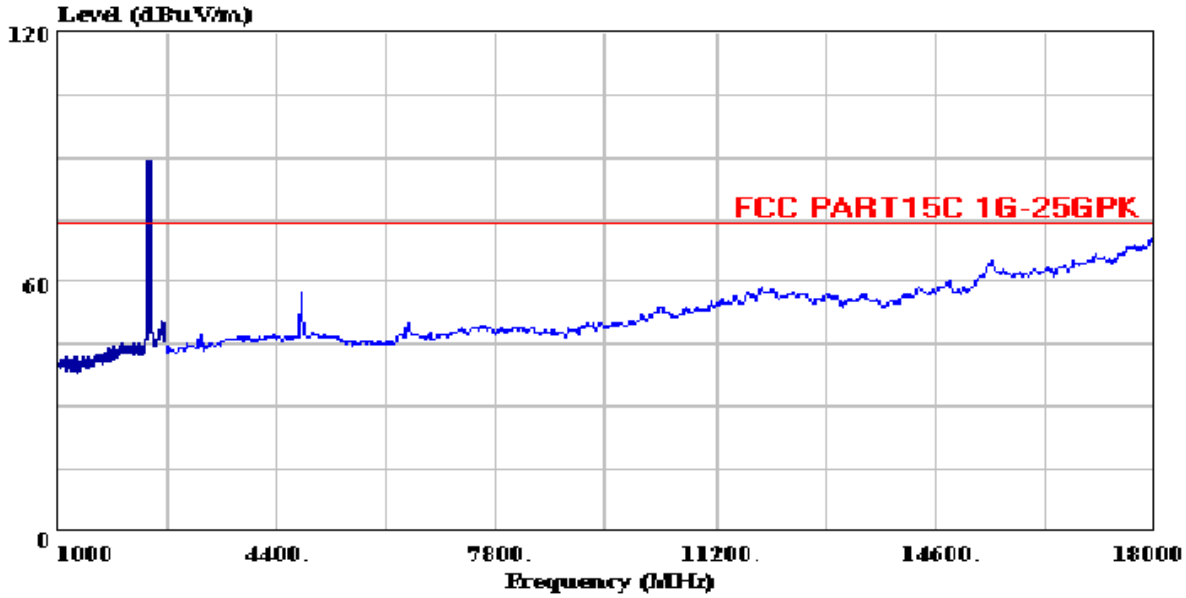
Data#: 93 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:26:56



Trace: 92

Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH1 2412MHz

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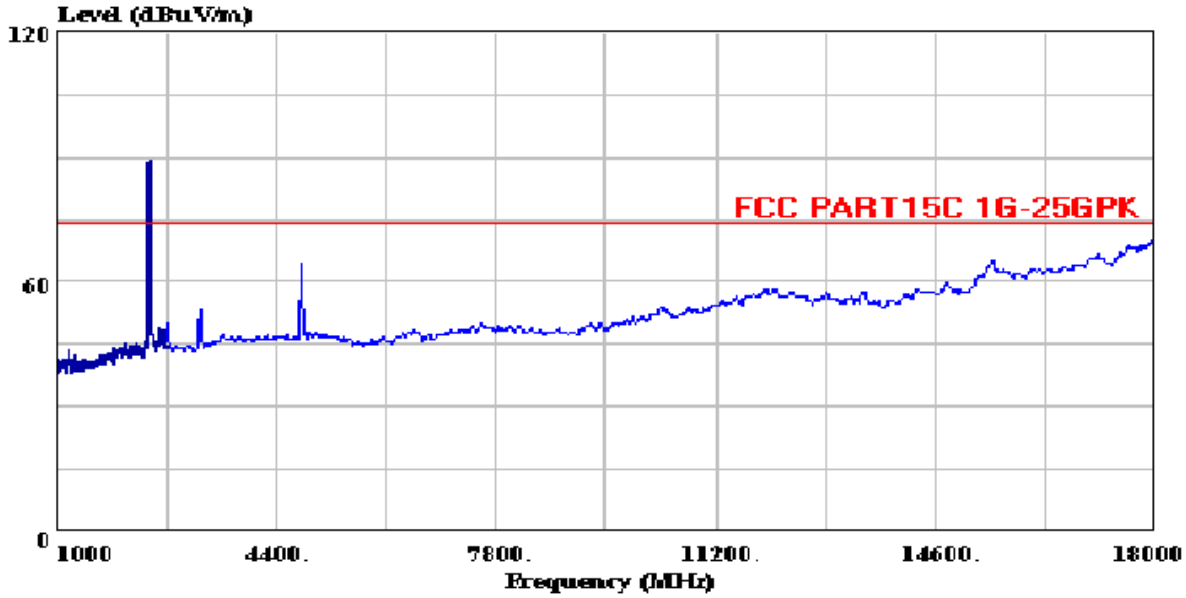
Data#: 95 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:33:04



Trace: 94

Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH1 2412MHz

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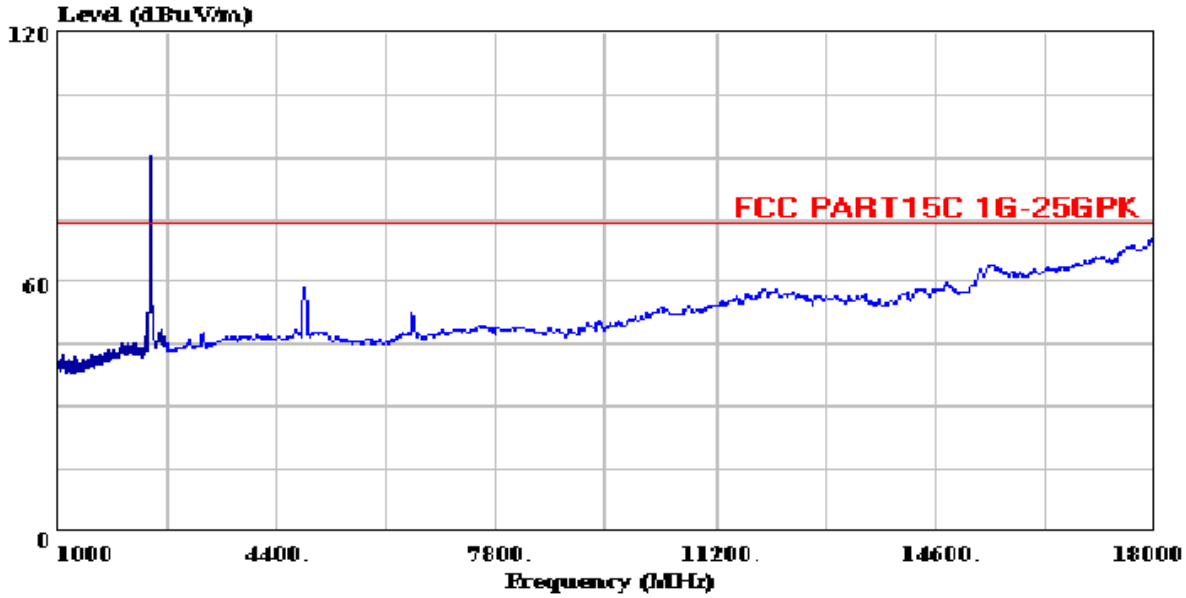
Data#: 99 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:39:20



Trace: 98

Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH6 2437MHz

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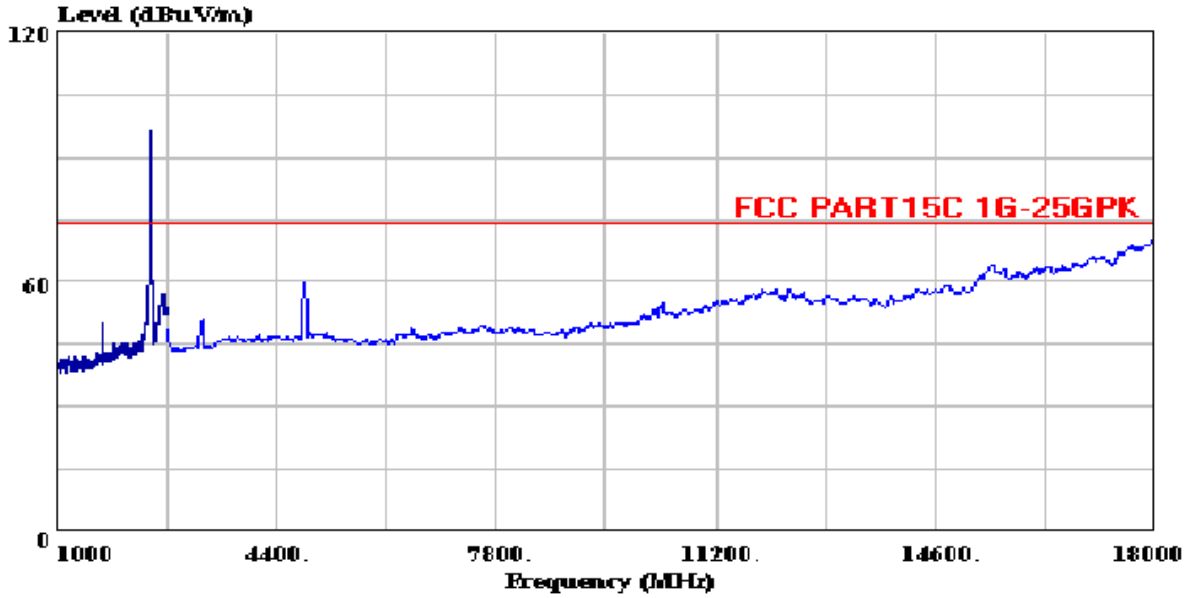
Data#: 97 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:35:58



Trace: 96

Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH6 2437MHz

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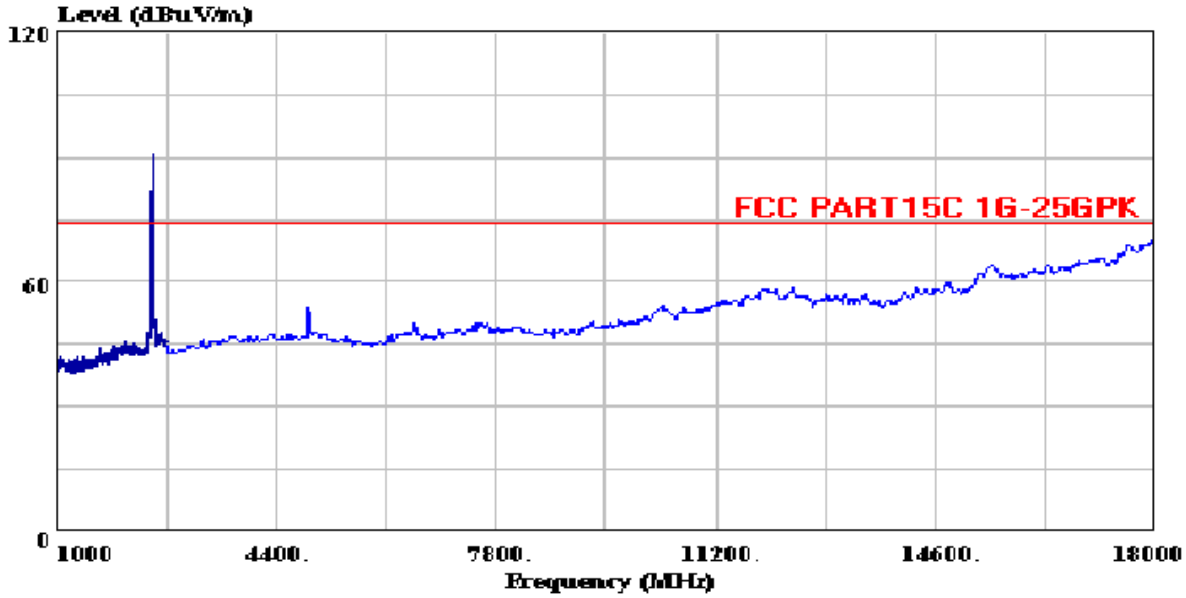
Data#: 101 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:42:21



Trace: 100

Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH11 2462MHz

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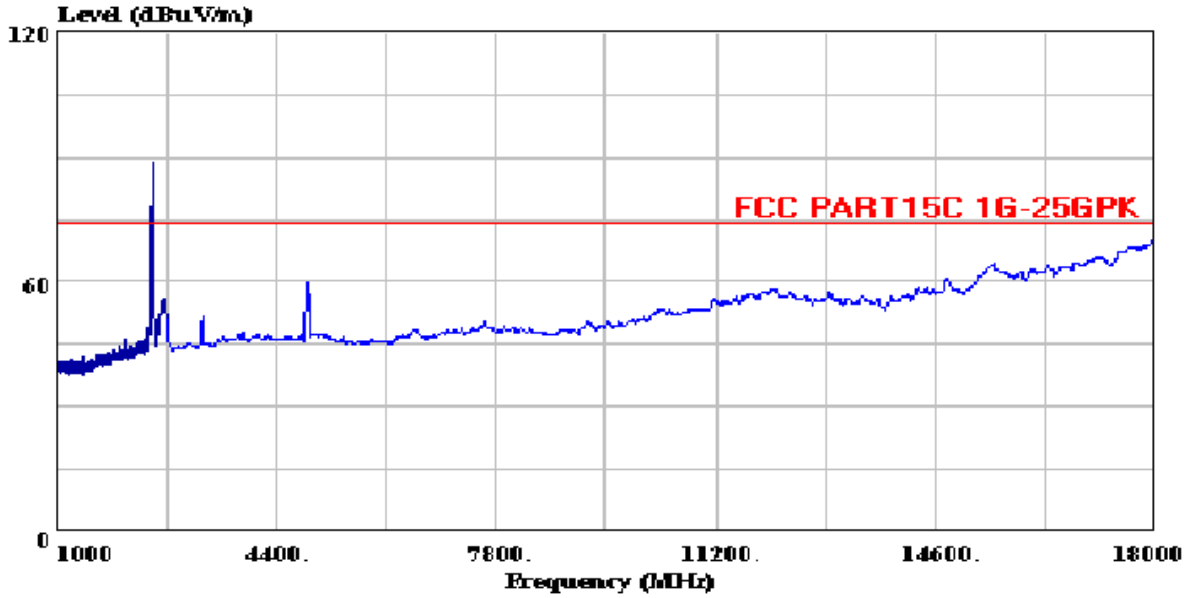
Data#: 103 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:45:26



Trace: 102

Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH11 2462MHz

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Fax:0769-85991080
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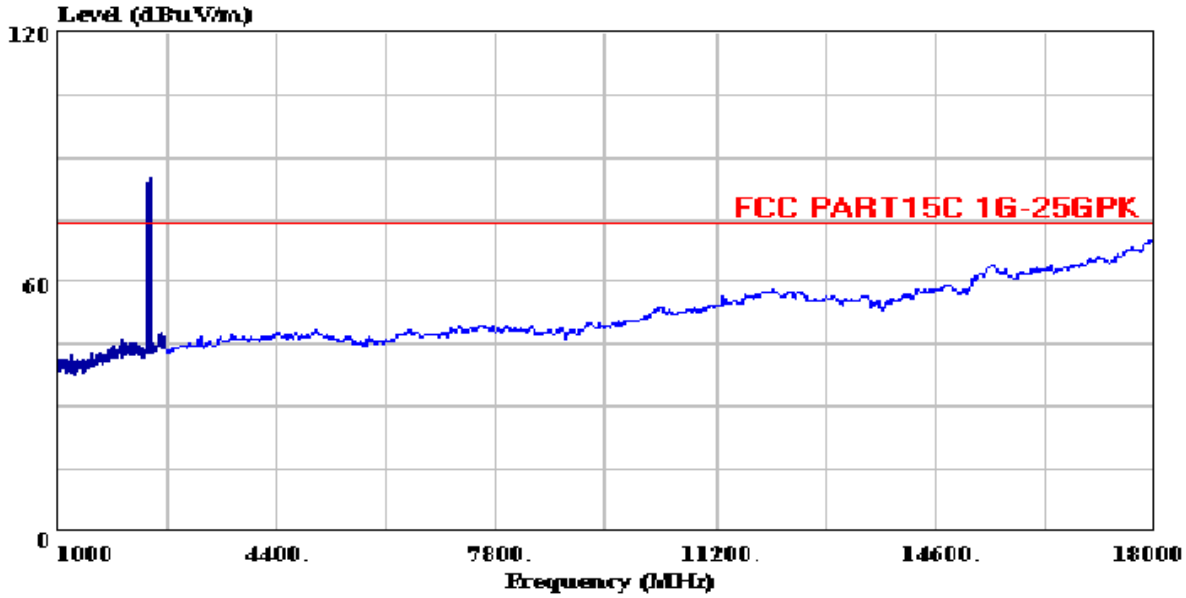
Data#: 107 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:50:55



Trace: 106

Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH1 2412MHz

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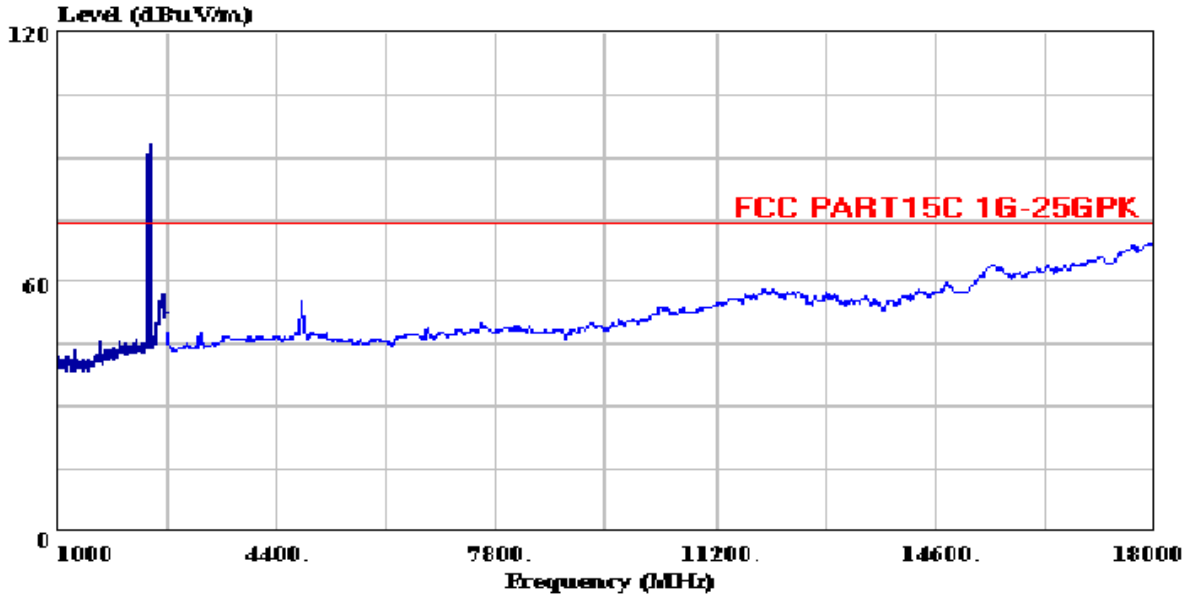
Data#: 105 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:47:53



Trace: 104

Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH1 2412MHz

北南电磁技术有限公司
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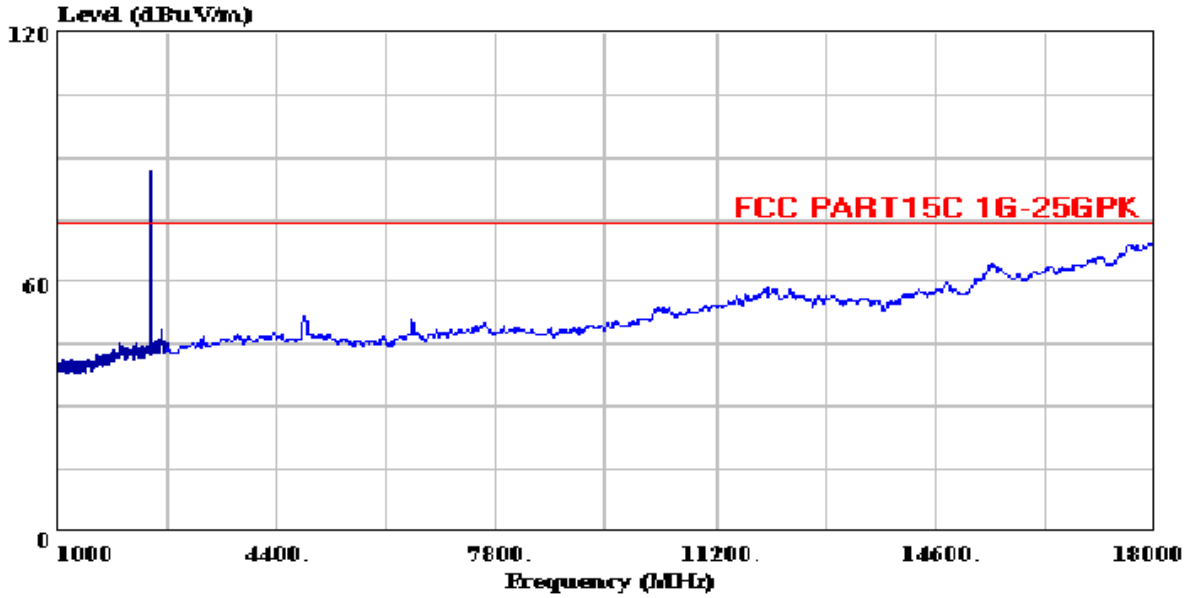
Data#: 109 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:53:41



Trace: 108

Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH6 2437MHz

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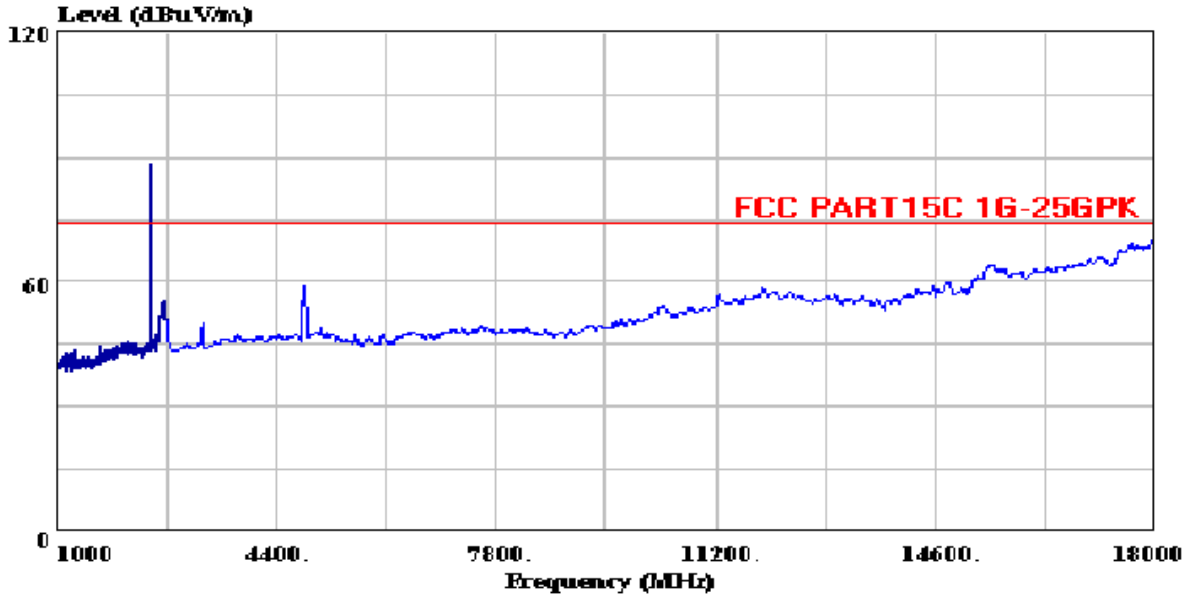
Data#: 111 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:55:46



Trace: 110

Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH6 2437MHz

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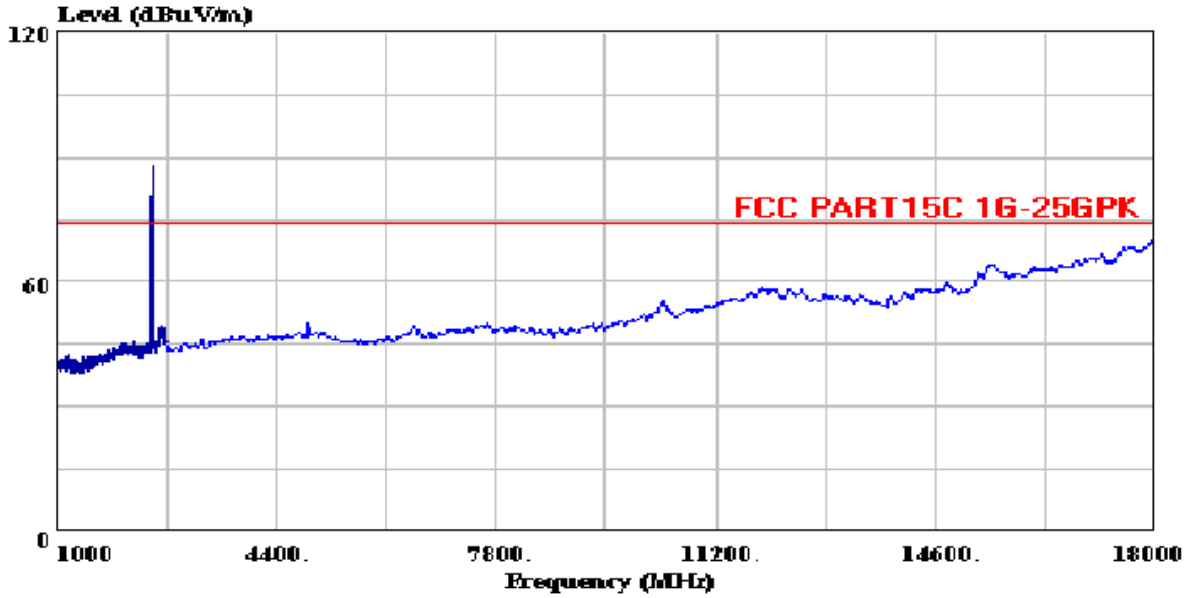
Data#: 115 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 20:01:32



Trace: 114

Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH11 2462MHz

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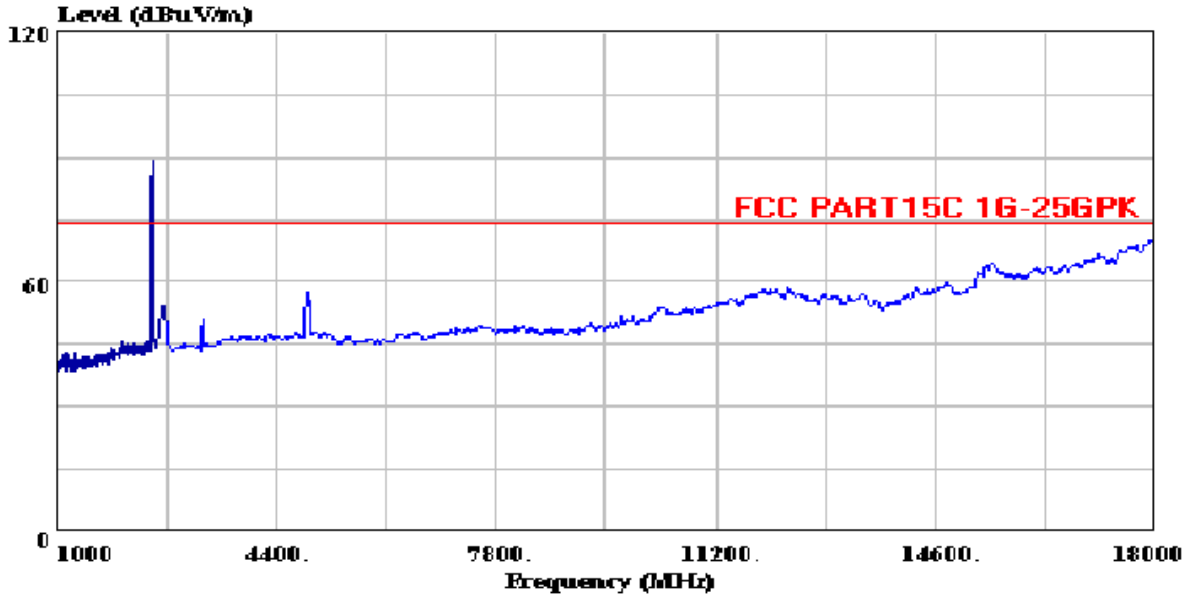
Data#: 113 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:58:43



Trace: 112

Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH11 2462MHz

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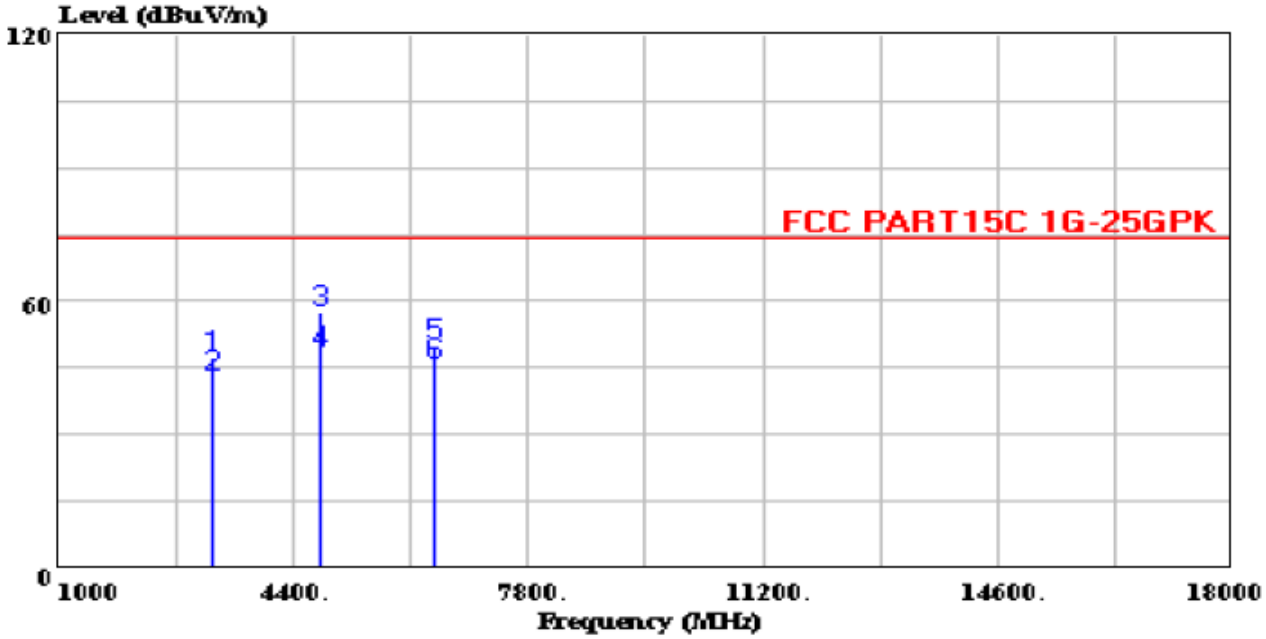
Data#: 142 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:26:56



Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH1 2412MHz

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1	3200.880	47.62	-26.38	74.00	13.25	2.28	32.09	Peak
2	3200.880	43.26	-10.74	54.00	8.89	2.28	32.09	Average
3	4778.840	57.38	-16.62	74.00	20.44	2.37	34.57	Peak
4	4778.840	48.67	-5.33	54.00	11.73	2.37	34.57	Average
5	6418.080	50.25	-23.75	74.00	11.24	2.48	36.53	Peak
6	6418.080	45.66	-8.34	54.00	6.65	2.48	36.53	Average

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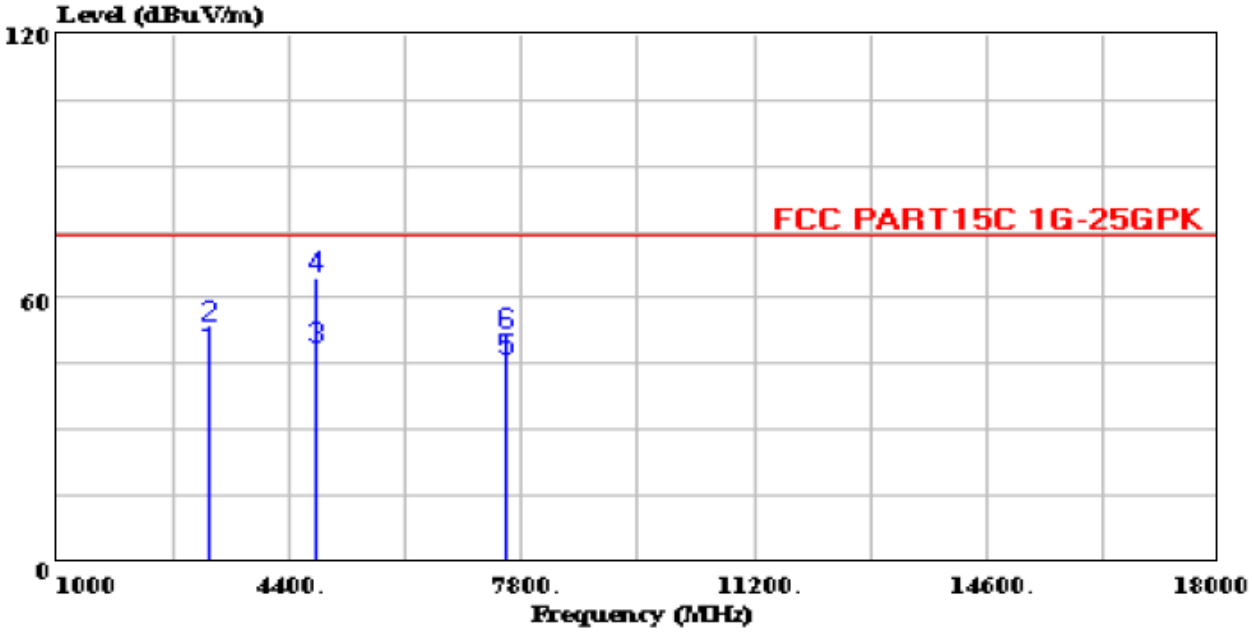
Data#: 143 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:33:04



Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH1 2412MHz

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1	3200.880	47.10	-6.90	54.00	12.73	2.28	32.09	Average
2	3200.880	53.31	-20.69	74.00	18.94	2.28	32.09	Peak
3	4778.840	48.31	-5.69	54.00	11.37	2.37	34.57	Average
4	4778.840	64.84	-9.16	74.00	27.90	2.37	34.57	Peak
5	7567.080	45.66	-8.34	54.00	6.29	2.55	36.82	Average
6	7568.080	51.83	-22.17	74.00	12.46	2.55	36.82	Peak

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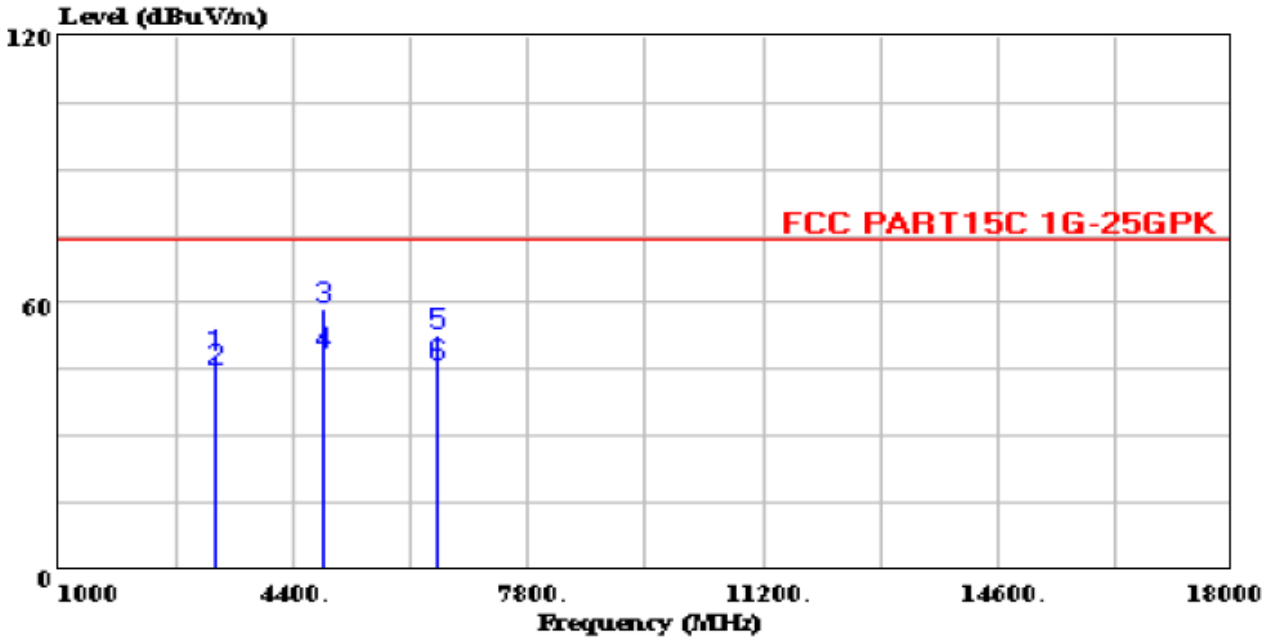
Data#: 145 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:39:20



Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH6 2437MHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1	3246.840	48.01	-25.99	74.00	13.59	2.28	32.14	Peak
2	3246.840	44.67	-9.33	54.00	10.25	2.28	32.14	Average
3	4809.480	58.88	-15.12	74.00	21.92	2.38	34.58	Peak
4	4809.480	48.67	-5.33	54.00	11.71	2.38	34.58	Average
5	6494.680	52.79	-21.21	74.00	13.71	2.48	36.60	Peak
6	6494.680	45.72	-8.28	54.00	6.64	2.48	36.60	Average

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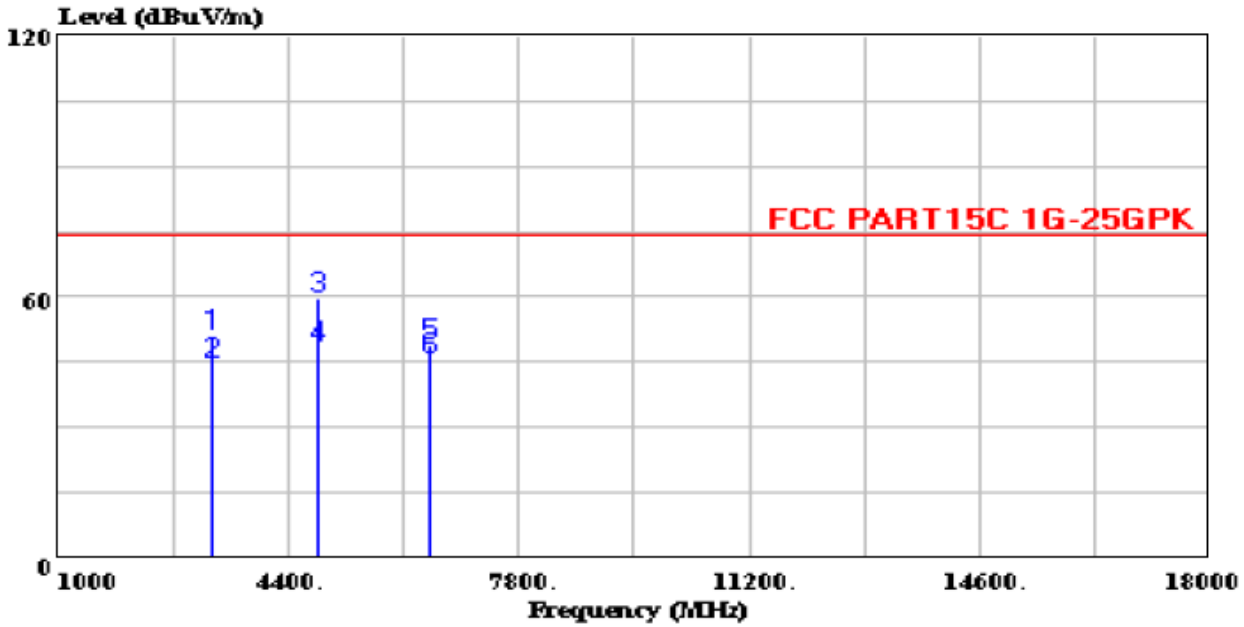
Data#: 144 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:35:58



Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH6 2437MHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1	3246.840	51.29	-22.71	74.00	16.87	2.28	32.14	Peak
2	3264.840	44.67	-9.33	54.00	10.23	2.28	32.16	Average
3	4809.480	59.59	-14.41	74.00	22.63	2.38	34.58	Peak
4	4809.480	48.67	-5.33	54.00	11.71	2.38	34.58	Average
5	6494.680	48.78	-25.22	74.00	9.70	2.48	36.60	Peak
6	6494.680	45.72	-8.28	54.00	6.64	2.48	36.60	Average

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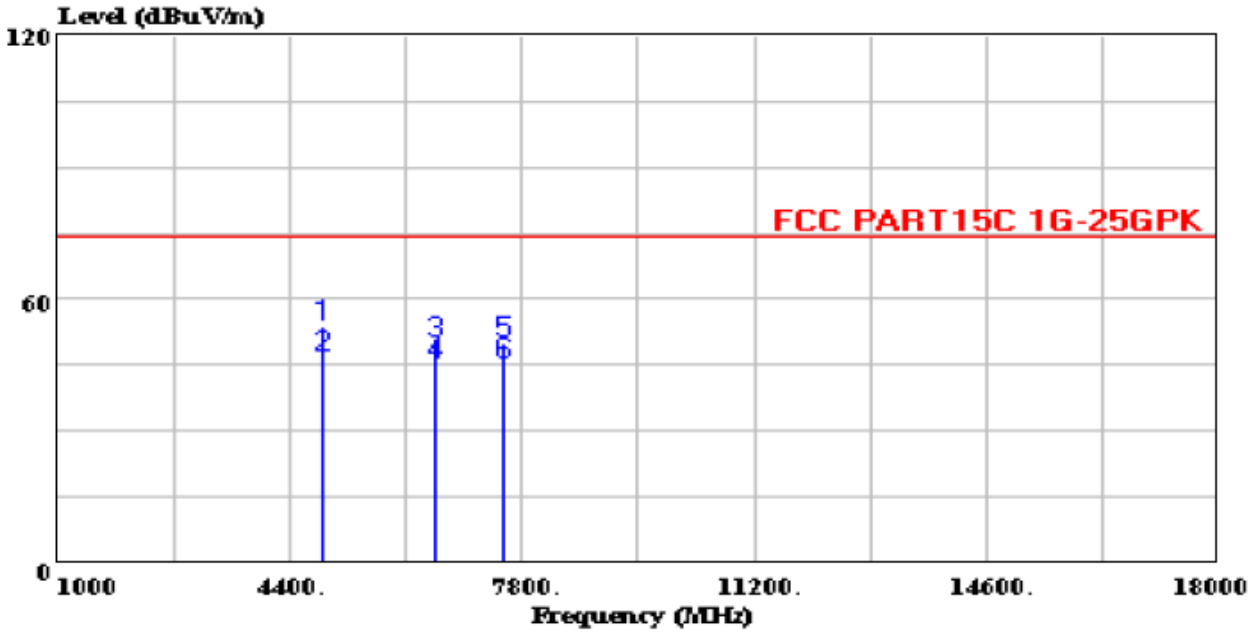
Data#: 146 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:42:21



Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH11 2462MHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1	4886.080	53.94	-20.06	74.00	16.93	2.38	34.63	Peak
2	4886.080	46.67	-7.33	54.00	9.66	2.38	34.63	Average
3	6540.640	49.92	-24.08	74.00	10.81	2.48	36.63	Peak
4	6540.640	45.33	-8.67	54.00	6.22	2.48	36.63	Average
5	7536.440	50.17	-23.83	74.00	10.80	2.55	36.82	Peak
6	7536.440	45.12	-8.88	54.00	5.75	2.55	36.82	Average

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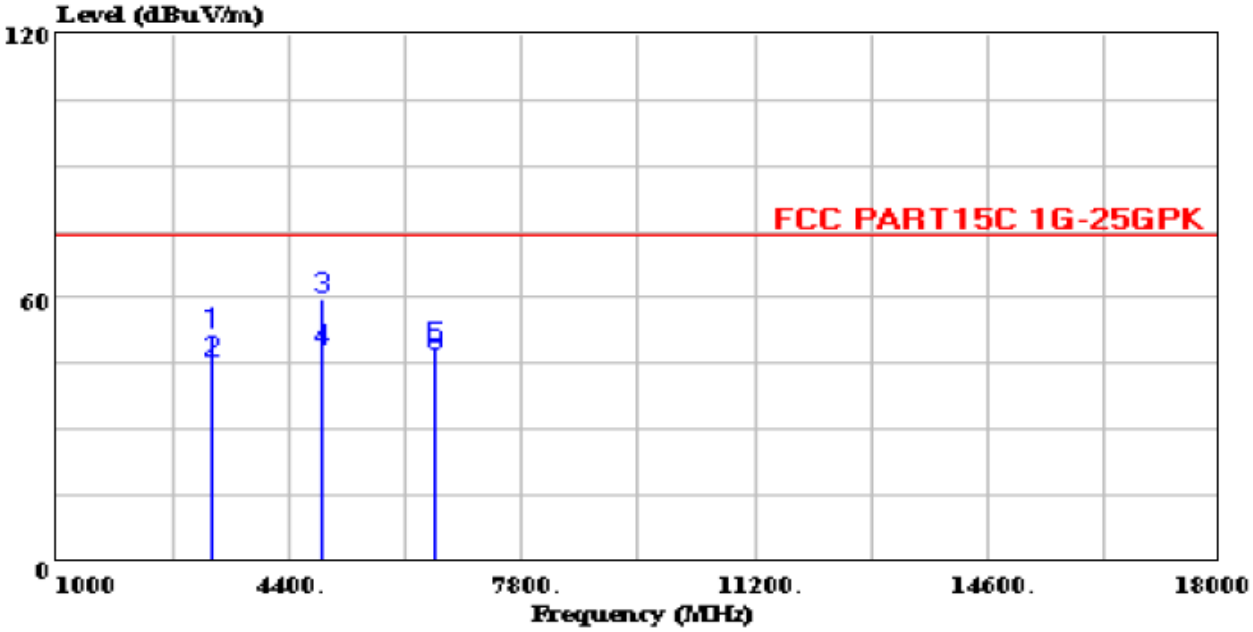
Data#: 147 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:45:26



Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11b; TX CH11 2462MHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1	3246.840	51.45	-22.55	74.00	17.03	2.28	32.14	Peak
2	3246.840	45.12	-8.88	54.00	10.70	2.28	32.14	Average
3	4886.080	59.91	-14.09	74.00	22.90	2.38	34.63	Peak
4	4886.080	48.12	-5.88	54.00	11.11	2.38	34.63	Average
5	6540.640	48.35	-25.65	74.00	9.24	2.48	36.63	Peak
6	6540.640	46.89	-7.11	54.00	7.78	2.48	36.63	Average

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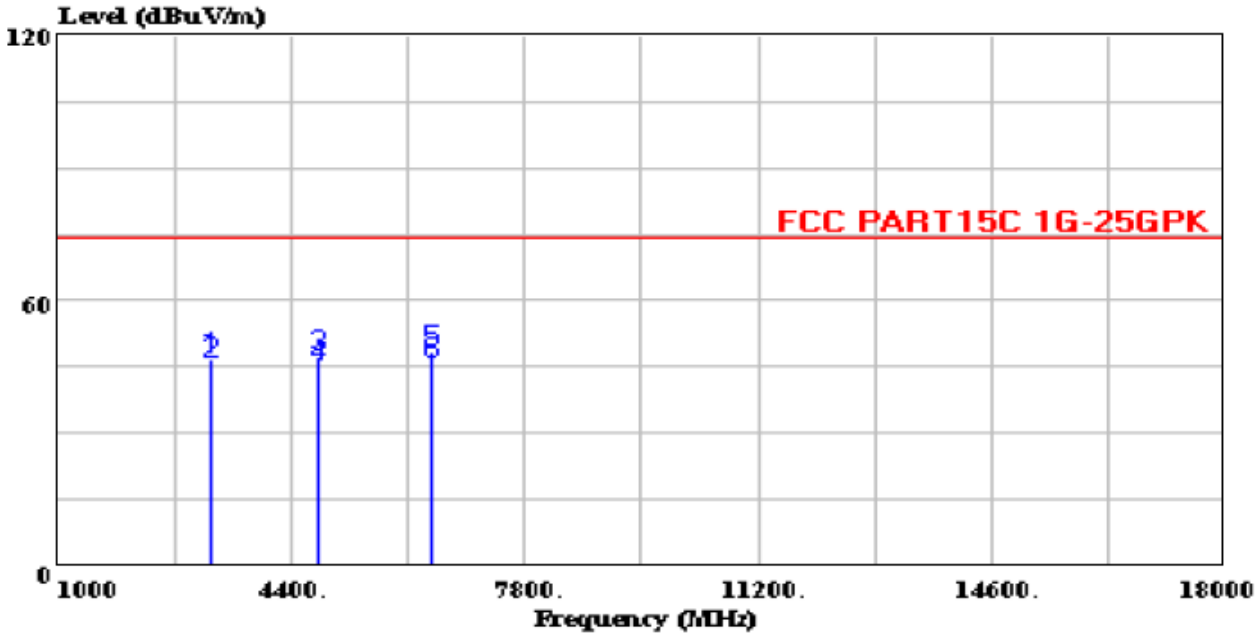
Data#: 149 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:50:55



Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH1 2412MHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1	3200.880	46.74	-27.26	74.00	12.37	2.28	32.09	Peak
2	3200.880	45.65	-8.35	54.00	11.28	2.28	32.09	Average
3	4778.840	47.42	-26.58	74.00	10.48	2.37	34.57	Peak
4	4778.840	45.13	-8.87	54.00	8.19	2.37	34.57	Average
5	6418.080	48.17	-25.83	74.00	9.16	2.48	36.53	Peak
6	6418.080	45.76	-8.24	54.00	6.75	2.48	36.53	Average

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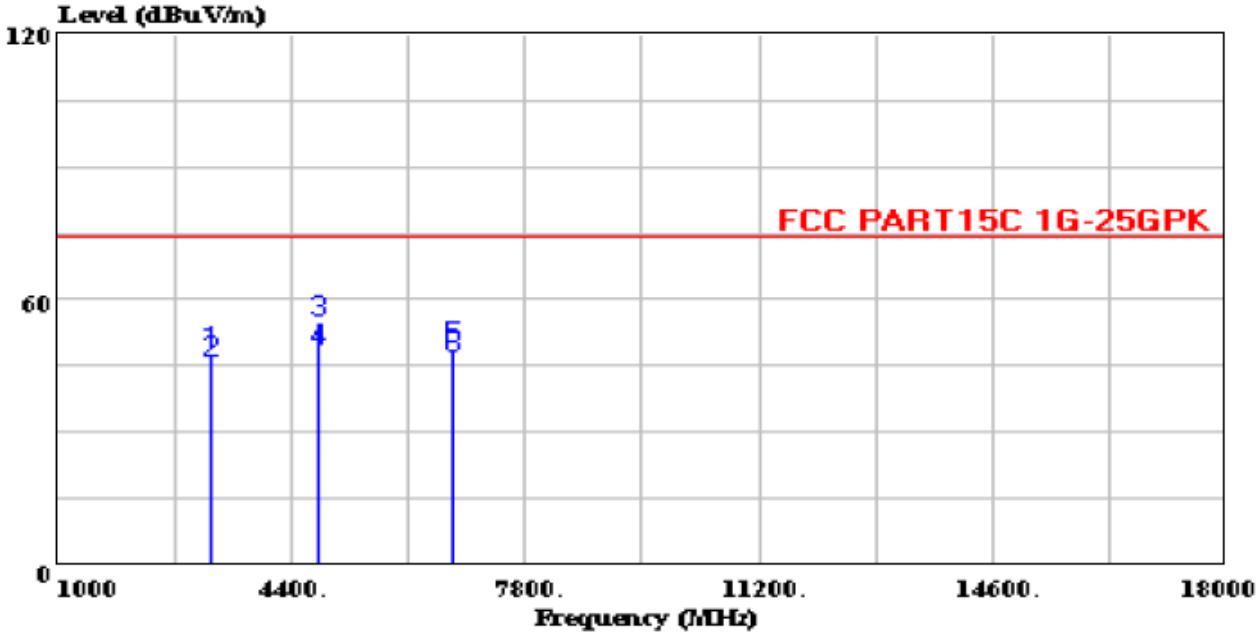
Data#: 148 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:47:53



Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH1 2412MHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1	3200.880	47.95	-26.05	74.00	13.58	2.28	32.09	Peak
2	3200.880	45.88	-8.12	54.00	11.51	2.28	32.09	Average
3	4778.840	55.12	-18.88	74.00	18.18	2.37	34.57	Peak
4	4778.840	48.21	-5.79	54.00	11.27	2.37	34.57	Average
5	6724.480	48.96	-25.04	74.00	9.72	2.50	36.74	Peak
6	6724.480	46.81	-7.19	54.00	7.57	2.50	36.74	Average

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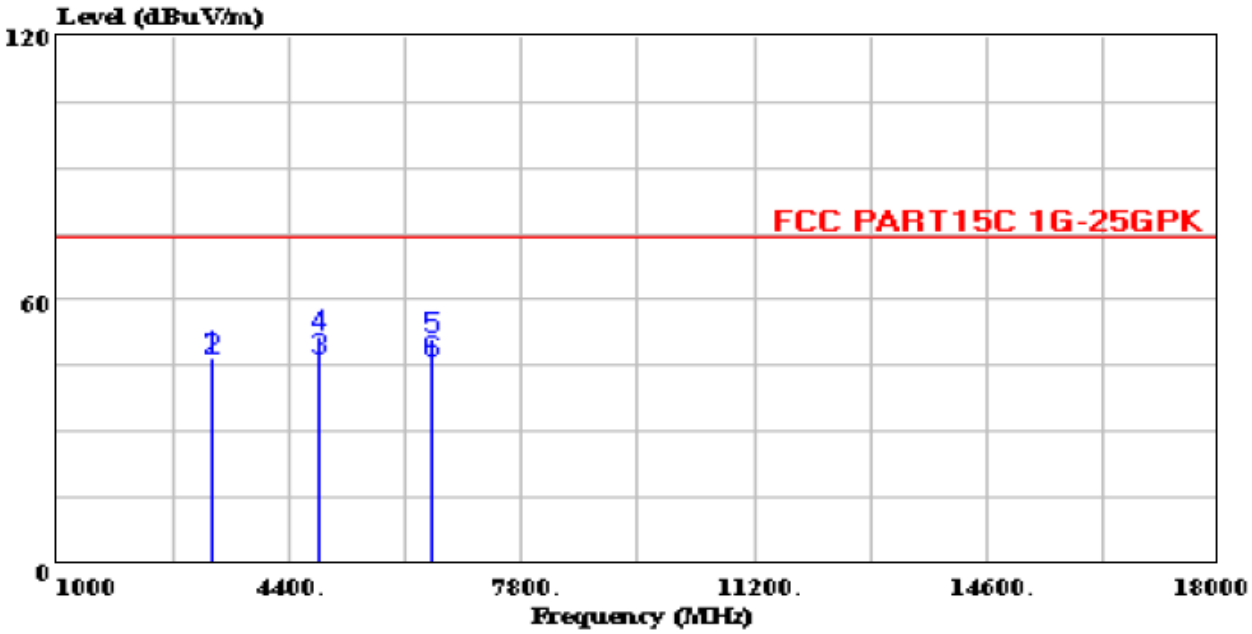
Data#: 150 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:53:41



Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH6 2437MHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1	3246.840	46.90	-27.10	74.00	12.48	2.28	32.14	Peak
2	3246.840	46.37	-7.63	54.00	11.95	2.28	32.14	Average
3	4809.480	46.36	-7.64	54.00	9.40	2.38	34.58	Average
4	4809.480	51.53	-22.47	74.00	14.57	2.38	34.58	Peak
5	6494.680	50.86	-23.14	74.00	11.78	2.48	36.60	Peak
6	6494.680	45.67	-8.33	54.00	6.59	2.48	36.60	Average

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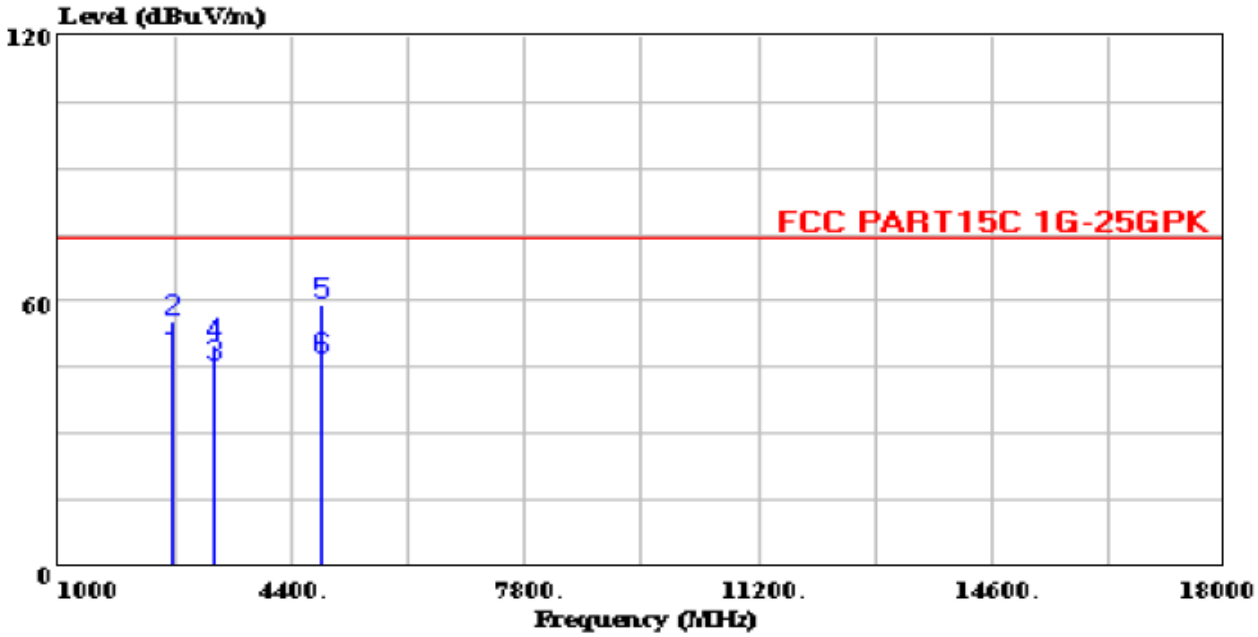
Data#: 151 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:55:46



Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH6 2437MHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1	2636.320	47.62	-6.38	54.00	13.70	2.24	31.68	Average
2	2636.320	55.33	-18.67	74.00	21.41	2.24	31.68	Peak
3	3246.840	45.31	-8.69	54.00	10.89	2.28	32.14	Average
4	3246.840	49.92	-24.08	74.00	15.50	2.28	32.14	Peak
5	4809.480	58.93	-15.07	74.00	21.97	2.38	34.58	Peak
6	4809.480	46.67	-7.33	54.00	9.71	2.38	34.58	Average

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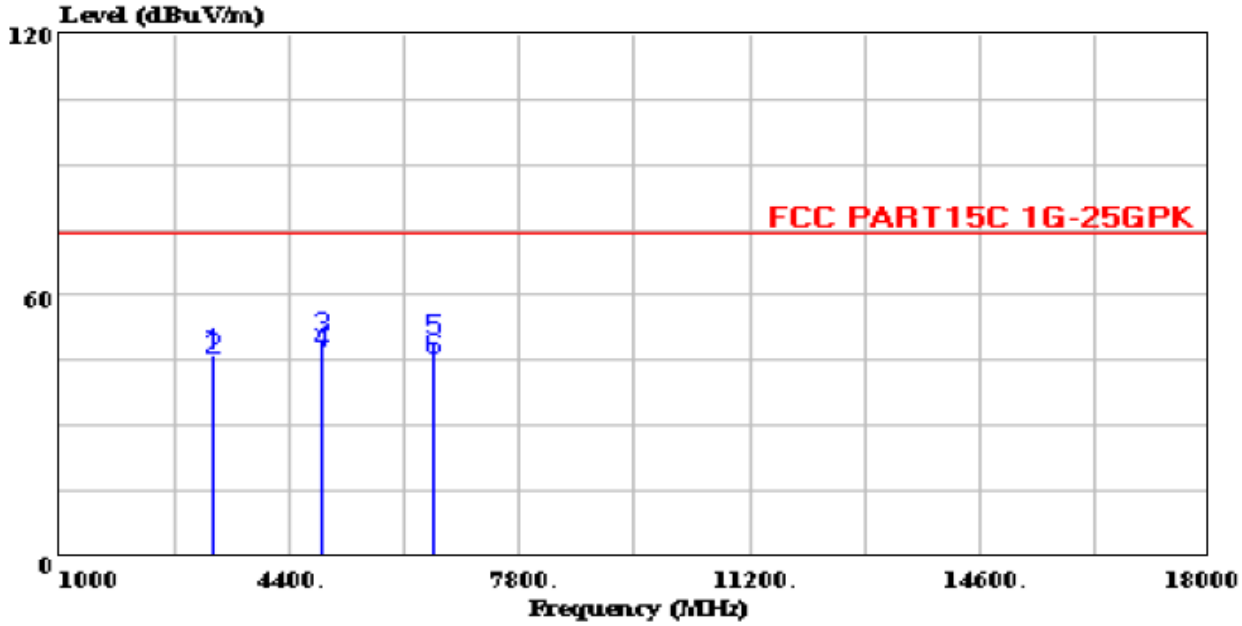
Data#: 153 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 20:01:32



Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 HORIZONTAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH11 2462MHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1	3246.840	46.51	-27.49	74.00	12.09	2.28	32.14	Peak
2	3246.840	45.13	-8.87	54.00	10.71	2.28	32.14	Average
3	4886.080	50.07	-23.93	74.00	13.06	2.38	34.63	Peak
4	4886.080	46.66	-7.34	54.00	9.65	2.38	34.63	Average
5	6540.640	49.75	-24.25	74.00	10.64	2.48	36.63	Peak
6	6540.640	45.36	-8.64	54.00	6.25	2.48	36.63	Average

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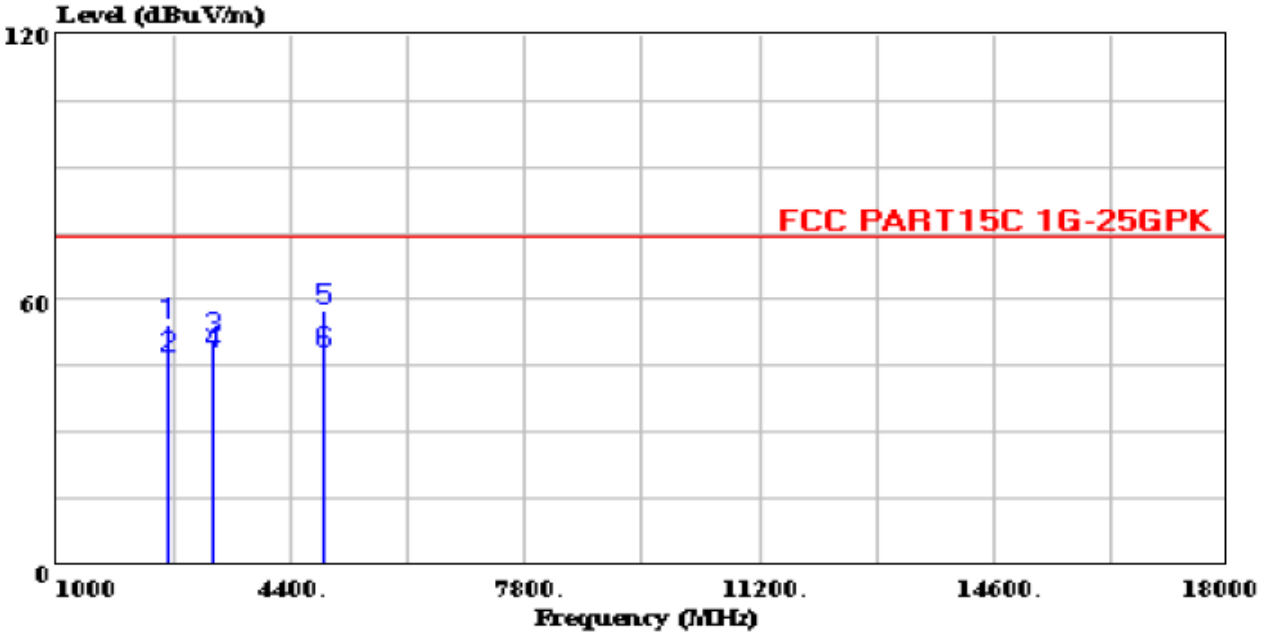
Data#: 152 File#: D:\Radiation\N\Nelson.emi Date: 2008-08-10 Time: 19:58:43



Site : 966 Chamber
Condition : FCC PART15C 1G-25GPK 3m 3117 VERTICAL
EUT : INTERNET RADIO
Power : AC 120V/60Hz
M/N : NE-3703iTR
Test Engineer: David
Comment : Temp:25.3'C Humi:55%
Memo : IEEE 802.11g; TX CH11 2462MHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1	2607.000	54.31	-19.69	74.00	20.40	2.24	31.67	Peak
2	2607.000	46.68	-7.32	54.00	12.77	2.24	31.67	Average
3	3246.840	51.11	-22.89	74.00	16.69	2.28	32.14	Peak
4	3246.840	47.88	-6.12	54.00	13.46	2.28	32.14	Average
5	4886.080	57.45	-16.55	74.00	20.44	2.38	34.63	Peak
6	4886.080	47.66	-6.34	54.00	10.65	2.38	34.63	Average