



# FCC TEST REPORT

According to

## FCC CFR Title 47 Part 15 Subpart C

Applicant	:	ZyXEL Communications Corp.
Address	:	NO.6,Innovation Rd. II Science Based Industrial Park Hsin-Chu,Taiwan
Manufacturer(1)	:	ZyXEL Communications Corp.
Address(1)	:	NO.6,Innovation Rd. II Science Based Industrial Park Hsin-Chu,Taiwan
Manufacturer(2)	:	ZyXEL Communications(Wuxi) Co Ltd.
Address(2)	:	60 – E, Minshan RD, New District, Wuxi, Jiangsu, P.R. China
Equipment	:	802.11n Wireless ADSL2+ 4-port Security Gateway
Model No.	:	P-661HNU-F1,P-661HNU-F3
FCC ID	:	I88P661HNUF1

- The test result refers exclusively to the test presented test model / sample.
- Without written approval of **CerpPASS Technology Corp.** the test report shall not be reproduced except in full.
- The test report must not be used by the clients to claim product certification approval by **NVLAP** or any agency of the Government.



## Table of Contents

<b>1. Report of Measurements and Examinations.....</b>	<b>6</b>
<b>2. Test Configuration of Equipment under Test.....</b>	<b>7</b>
2.1. Feature of Equipment under Test .....	7
2.2. Carrier Frequency of Channels .....	8
2.3. Test Manner .....	9
2.4. Description of Test System .....	9
2.5. Connection Diagram of Test System .....	10
2.6. General Information of Test .....	11
2.7. Measurement Uncertainty .....	11
<b>3. Test of Conducted Emission .....</b>	<b>12</b>
3.1. Test Limit.....	12
3.2. Test Procedures.....	12
3.3. Typical Test Setup.....	13
3.4. Measurement Equipment .....	13
3.5. Test Result and Data .....	14
<b>4. Test of Radiated Emission.....</b>	<b>18</b>
4.1. Test Limit.....	18
4.2. Test Procedures.....	18
4.3. Typical Test Setup.....	19
4.4. Measurement Equipment .....	20
4.5. Test Result and Data .....	21
<b>5. Occupied Bandwidth .....</b>	<b>261</b>
5.1. Test Limit.....	261
5.2. Test Procedures.....	261
5.3. Test Setup Layout.....	261
5.4. Measurement Equipment .....	261
5.5. Test Result and Data .....	262
<b>6. Maximum Peak Output Power .....</b>	<b>274</b>
6.1. Test Limit.....	274
6.2. Test Procedure .....	274
6.3. Test Setup Layout.....	275
6.4. Measurement Equipment .....	275
6.5. Test Result and Data .....	276
<b>7. Band Edges .....</b>	<b>288</b>
7.1. Test Limit.....	288
7.2. Test Procedure .....	288
7.3. Test Setup Layout.....	289
7.4. Measurement Equipment .....	289
7.5. Test Result and Data .....	290
<b>8. RF Antenna Conducted Spurious .....</b>	<b>328</b>
8.1. Test Limit.....	328



---

8.2.	Test Procedure .....	328
8.3.	Test Setup Layout.....	328
8.4.	Measurement Equipment .....	328
8.5.	Test Result and Data .....	329
<b>9.</b>	<b>Power Spectral Density.....</b>	<b>341</b>
9.1.	Test Limit.....	341
9.2.	Test Procedure .....	341
9.3.	Test Setup Layout.....	341
9.4.	Measurement Equipment .....	341
9.5.	Test Result and Data .....	342



### Document history

Attachment No.	Date	Description
SEFI1009041	Oct 11, 2010	First issue



# FCC TEST REPORT

according to

## FCC CFR Title 47 Part 15 Subpart C

Applicant : ZyXEL Communications Corp.  
Address : NO.6,Innovation Rd. II Science Based Industrial Park  
Hsin-Chu,Taiwan  
Manufacturer(1) : ZyXEL Communications Corp.  
Address(1) : NO.6,Innovation Rd. II Science Based Industrial Park  
Hsin-Chu,Taiwan  
Manufacturer(2) : ZyXEL Communications(Wuxi) Co Ltd.  
Address(2) : 60 – E, Minshan RD, New District, Wuxi, Jiangsu, P.R. China  
Equipment : 802.11n Wireless ADSL2+ 4-port Security Gateway  
Model No. : P-661HNU-F1,P-661HNU-F3  
FCC ID : I88P661HNUF1

### I HEREBY CERTIFY THAT :

The measurements shown in this test report were made in accordance with the procedures given in **ANSI C63.4 – 2003** and the energy emitted by this equipment was **passed CISPR PUB. 22 and FCC Part 15** in both radiated and conducted emission class B limits. Testing was carried out on Oct 11, 2010 at **Cerpass Technology Corp.**

Documented By:

Approved By:

  
Cathy Chen/ Administration

  
Hill Chen/ Technical director



### 1. Report of Measurements and Examinations

FCC CFR Title 47 Part 15 Subpart C: 2007			
ANSI C63.4: 2003			
Clause	Test Parameter	Test Performed	Remark
15.207	Conducted Emission	YES	PASS
15.209	Radiated Emission	YES	PASS
15.247(a) 15.215(c)	Occupied Bandwidth	YES	PASS
15.247(b)	Maximum Peak Output Power	YES	PASS
15.247(c)	Band Edges	YES	PASS
15.247(c)	RF antenna conducted	YES	PASS
15.247(d)	Power Spectral Density	YES	PASS



## 2. Test Configuration of Equipment under Test

### 2.1. Feature of Equipment under Test

802.11n Wireless ADSL2+ 4-port Security Gateway	Model No:	P-661HNU-F1, P-661HNU-F3
Power Adapter	Manufacturer:	OEM
	Model No.:	ADS0128-W 120100
	Input:	100-240V~50-60Hz, 0.5A
	Output:	12V $\overline{\text{---}}$ 1.0A
Power supply cable	Non-Shielded, 1.5m	
Remark	They are identical except the model name. This is only to satisfy the different requirements of the client. <b>P-661HNU-F1</b> was selected as the test model and its data have been recorded in this report.	

WLAN	Ralink/RT3062F
Spreading	802.11b: DSSS 802.11g / n: OFDM
Frequency Range	802.11b/g/n(20MHz): 2412-2462MHz 802.11n(40MHz): 2422-2452MHz
Number of Channels	802.11b/g/n (20MHz):11 802.11n (40MHz): 7
Data Rate	802.11b: 11, 5.5, 2, 1 Mbps 802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps 802.11n: up to 300Mbps
Antenna Type(An0)	Dipole
Antenna Gain(An0)	2.0dBi
Antenna Type(An1)	Dipole
Antenna Gain(An1)	2.0dBi



## 2.2. Carrier Frequency of Channels

802.11b, 802.11g, 802.11n (20MHz)

Channel	Frequency(MHz)	Channel	Frequency(MHz)
01	2412	07	2442
02	2417	08	2447
03	2422	09	2452
04	2427	10	2457
05	2432	11	2462
06	2437	---	---

802.11n (40MHz)

Channel	Frequency(MHz)	Channel	Frequency(MHz)
---	---	07	2442
---	---	08	2447
03	2422	09	2452
04	2427	---	---
05	2432	---	---
06	2437	---	---





### 2.3. Test Manner

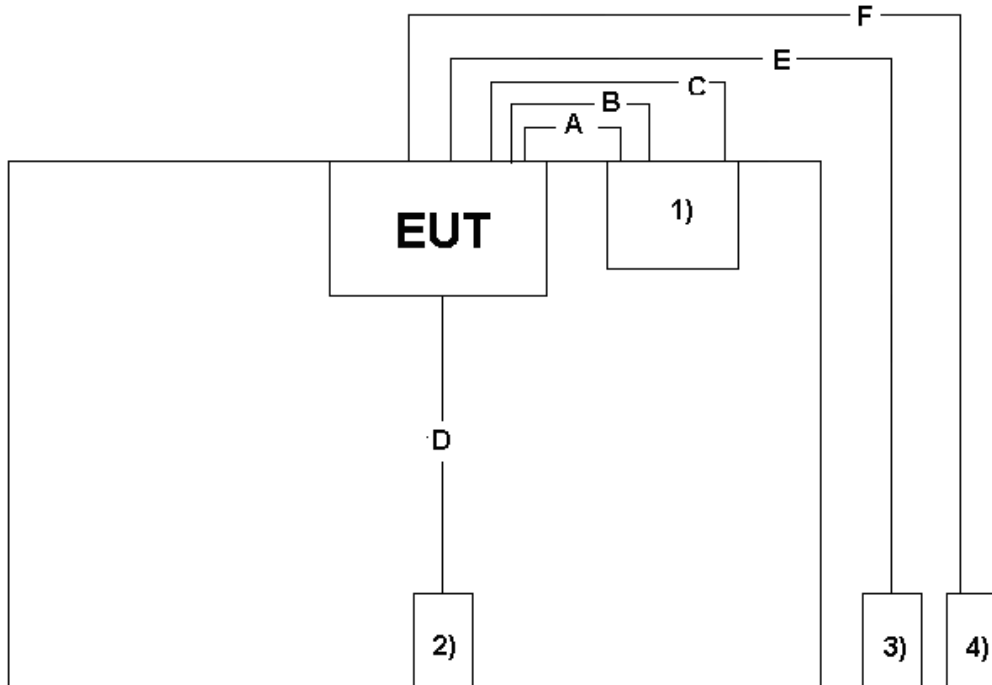
Test Manner	
a	During testing, the interface cables and equipment positions were varied according to 47 CFR, Part 2, Part 15
b	Connect the HUB, Notebook, IP Express, Program-Control Telephone Exchange and EUT.
c	Adjust the EUT at the test mode and the test channel. Then test.
The test modes:	
	Mode 1: Transmit by 802.11b
	Mode 2: Transmit by 802.11g
	Mode 3: Transmit by 802.11n (20MHz) (An0 and An1)
	Mode 4: Transmit by 802.11n (40MHz) (An0 and An1)

### 2.4. Description of Test System

No	Device	Manufacturer	Model No.	Description
1	HUB	D-Link	DI-504	N/A
2	IPOD	Apple	MA477TA/A	N/A
3	Notebook	ASUS	W6A	Power by adaptor
4	IP Express	Zyxel	IES-1248-71	N/A



### 2.5. Connection Diagram of Test System



#### Use Cable

Item	Cable	Quantity	Description
A	LAN Cable	1	Non-shielding, >3.0m
B	LAN Cable	1	Non-shielding, >3.0m
C	LAN Cable	1	Non-shielding, >3.0m
D	USB Cable	1	Shielding, 1.2m
E	LAN Cable	1	Non-shielding, >3.0m
F	Telephone Cable	1	Non-shielding, >3.0m

**2.6. General Information of Test**

Test Site:	Cerpass Technology Corp.
Performand Location :	No.66,Tangzhuang Road, Suzhou Industrial Park, Jiangsu 215006, China
NVLAP LAB Code :	200814-0
FCC Registration Number :	916572, 331395
IC Registration Number :	7290A-1, 7290A-2
VCCI Registration Number :	T-343 for Telecommunication Test C-2919 for Conducted emission test R-2670 for Radiated emission test below 1GHz G-227 for Radiated emission test above 1GHz

Laboratory accreditation

**2.7. Measurement Uncertainty**

Measurement Item	Measurement Frequency	Polarization	Uncertainty
Conducted Emission	9 kHz ~ 30 MHz	LINE/NEUTRAL	±2.71 dB
Radiated Emission	30 MHz ~ 25GHz	Vertical	±4.11 dB
		Horizontal	±4.10 dB
Occupied Bandwidth	---	---	±7500 Hz
Maximum Peak Output Power	---	---	±1.4 dB
Band Edges	---	---	±2.2 dB
Power Spectral Density	---	---	±2.2 dB



### 3. Test of Conducted Emission

#### 3.1. Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 KHz on the 120 VAC power and return leads of the EUT according to the methods defined in ANSI C63.4-2003 Section 3.1. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane as shown in section 2.2. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

Frequency (MHz)	Quasi Peak (dB $\mu$ V)	Average (dB $\mu$ V)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

\*Decreases with the logarithm of the frequency.

#### 3.2. Test Procedures

The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)

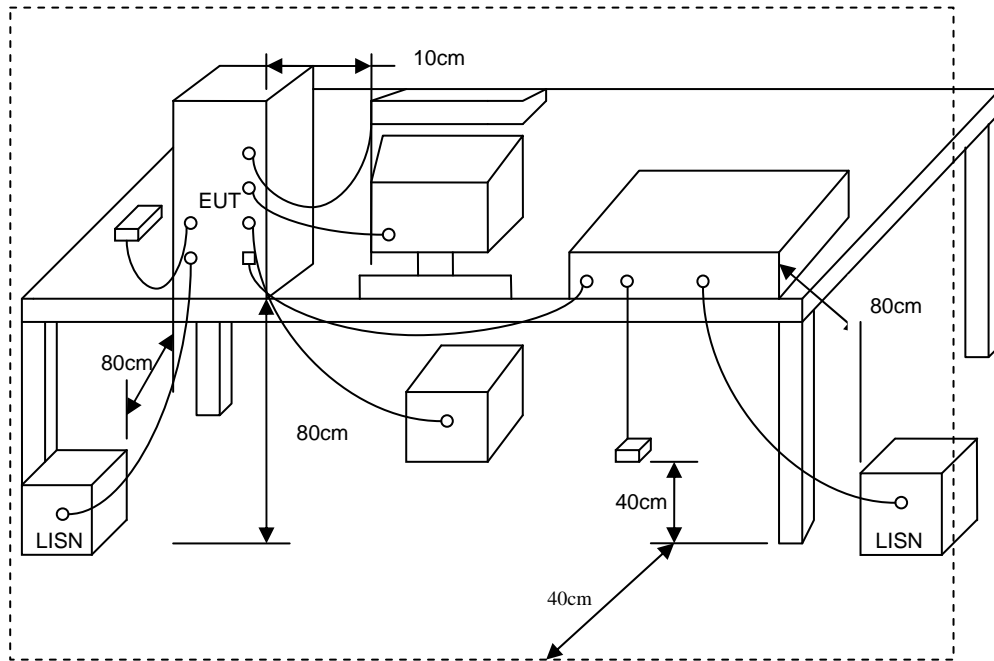
Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.



### 3.3. Typical Test Setup



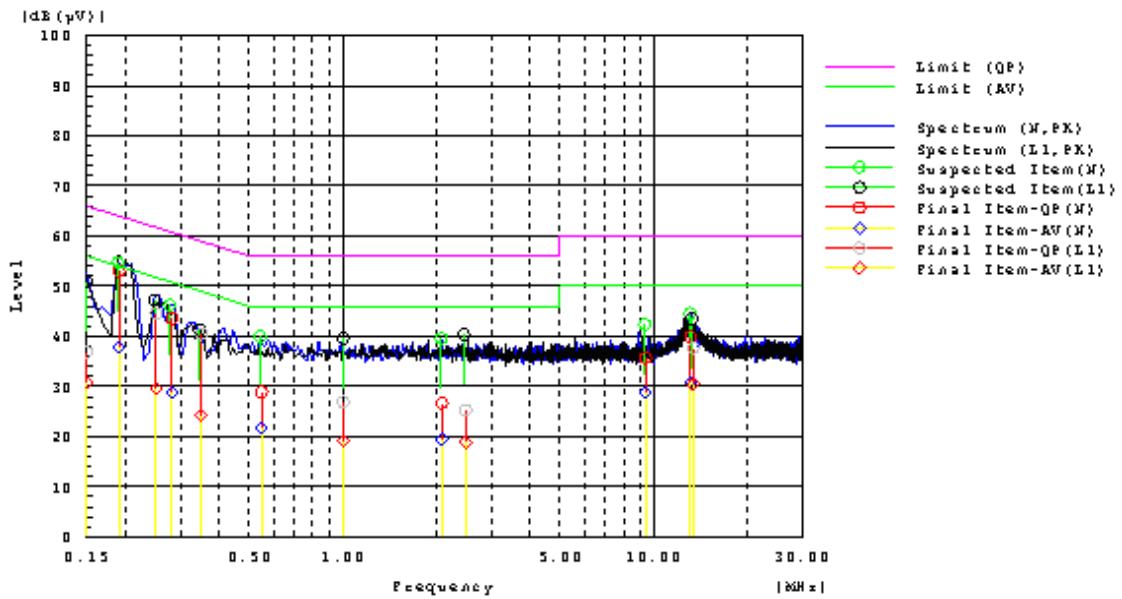
### 3.4. Measurement Equipment

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date
Test Receiver	R&S	ESCI	100565	2010.01.15
AMN	R&S	ESH2-Z5	100182	2010.06.23
Two-Line V-Network	R&S	ENV216	100325	2010.04.18
ISN	FCC	FCC-TLISN-T2-02	20379	2010.06.23
ISN	FCC	FCC-TLISN-T4-02	20380	2010.06.23
ISN	FCC	FCC-TLISN-T8-02	20381	2010.06.23
Attenuator	R&S	ESH3-Z2	100529	2010.01.11
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-004	2010.08.14



### 3.5. Test Result and Data

Test Mode :	Mode 1: Transmit by 802.11b (An0) (2437MHz)		
AC Power :	AC 120V/60Hz	Phase :	L&N
Temperature :	22°C	Humidity:	50%
Pressur(mbar) :	1002	Date:	2010/09/26

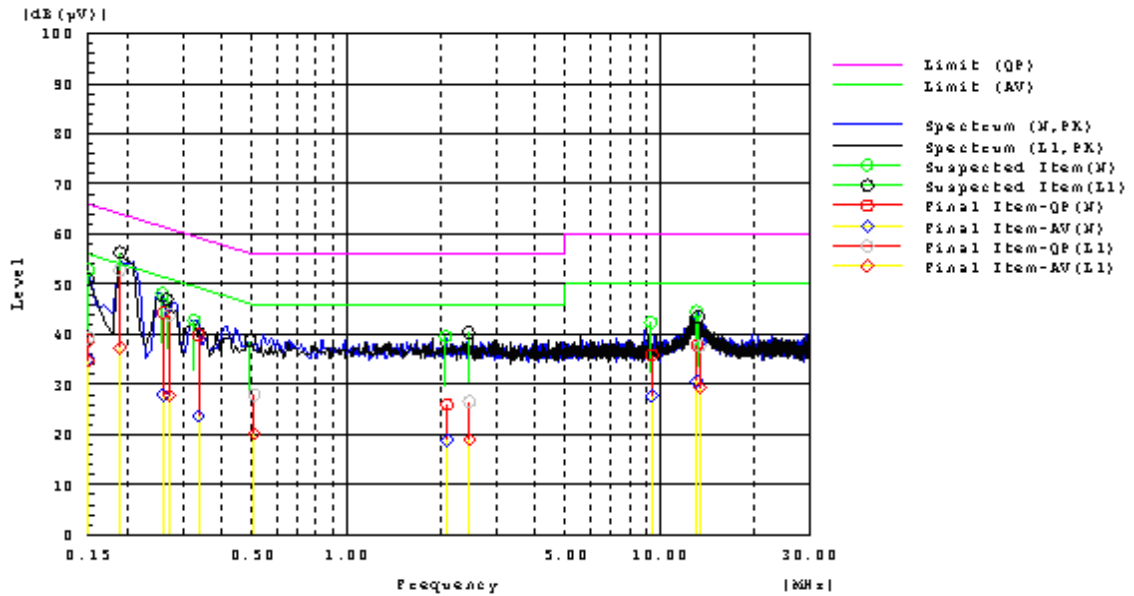


Frequency MHz	Line Phase	Reading dB(uV) QP	Reading dB(uV) AV	Factor dB	Level dB(uV) QP	Level dB(uV) AV	Limit dB(uV) QP	Limit dB(uV) AV	Margin dB QP	Margin dB AV	Pass/Fail
0.150	L1	17.0	10.8	19.9	36.9	30.7	66.0	56.0	29.1	25.3	Pass
0.2504	L1	24.7	9.7	19.9	44.6	29.6	61.7	51.7	17.1	22.1	Pass
0.3506	L1	20.6	4.4	19.9	40.5	24.3	58.9	48.9	18.4	24.6	Pass
2.4827	L1	5.6	-0.8	19.7	25.3	18.9	56.0	46.0	30.7	27.1	Pass
13.427	L1	17.9	10.6	19.8	37.7	30.4	60.0	50.0	22.3	19.6	Pass
1.00283	L1	7.1	-0.5	19.8	26.9	19.3	56.0	46.0	29.1	26.7	Pass
0.1904	N	33.5	18.2	19.5	53.0	37.7	64.0	54.0	11.0	16.3	Pass
0.2824	N	24.1	9.3	19.5	43.6	28.8	60.7	50.7	17.1	21.9	Pass
13.147	N	20.0	10.8	19.9	39.9	30.7	60.0	50.0	20.1	19.3	Pass
9.3872	N	15.9	8.9	19.8	35.7	28.7	60.0	50.0	24.3	21.3	Pass
2.0807	N	7.2	0.0	19.5	26.7	19.5	56.0	46.0	29.3	26.5	Pass
0.5484	N	9.4	2.2	19.5	28.9	21.7	56.0	46.0	27.1	24.3	Pass

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 2: Transmit by 802.11g(An0) (2437MHz)		
AC Power :	AC 120V/60Hz	Phase :	L&N
Temperature :	22°C	Humidity:	50%
Pressur(mbar) :	1002	Date:	2010/09/26

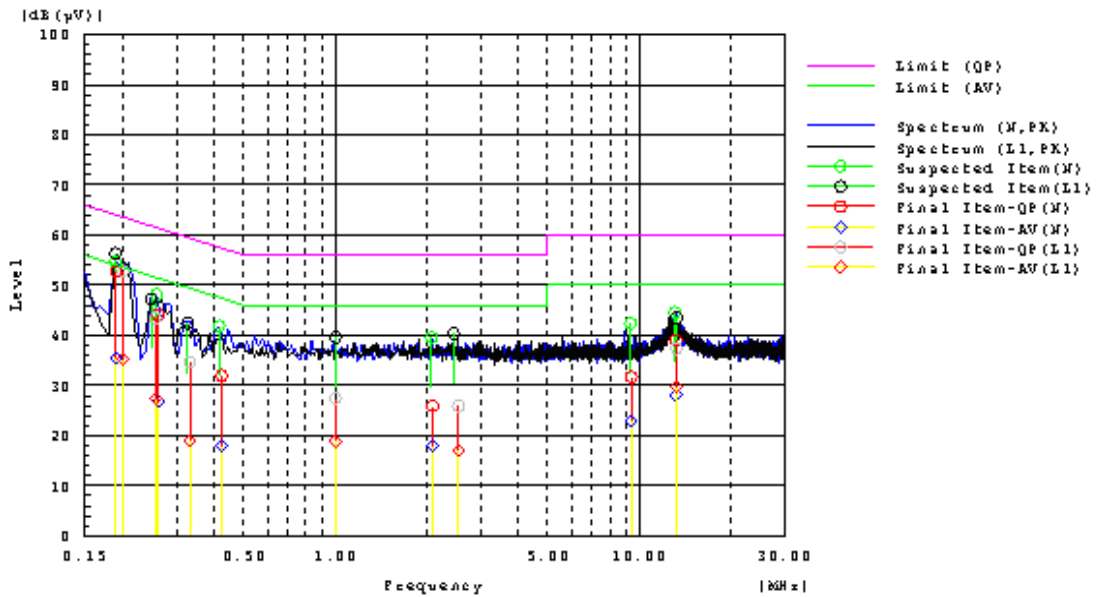


Frequency MHz	Line Phase	Reading dB(uV) QP	Reading dB(uV) AV	Factor dB	Level dB(uV) QP	Level dB(uV) AV	Limit dB(uV) QP	Limit dB(uV) AV	Margin dB QP	Margin dB AV	Pass/Fail
0.150	N	19.4	15.5	19.5	38.9	35.0	66.0	56.0	27.1	21.0	Pass
0.2601	N	24.8	8.5	19.5	44.3	28.0	61.4	51.4	17.1	23.4	Pass
0.3371	N	20.4	4.2	19.5	39.9	23.7	59.3	49.3	19.4	25.6	Pass
2.0942	N	6.5	-0.6	19.5	26.0	18.9	56.0	46.0	30.0	27.1	Pass
9.427	N	16.1	7.9	19.8	35.9	27.7	60.0	50.0	24.1	22.3	Pass
13.147	N	18.0	10.7	19.9	37.9	30.6	60.0	50.0	22.1	19.4	Pass
0.18907	L1	32.9	17.5	19.9	52.8	37.4	64.1	54.1	11.3	16.7	Pass
0.150	L1	19.4	14.8	19.9	39.3	34.7	66.0	56.0	26.7	21.3	Pass
0.2724	L1	24.0	7.9	19.9	43.9	27.8	61.0	51.0	17.1	23.2	Pass
2.4687	L1	6.9	-0.6	19.7	26.6	19.1	56.0	46.0	29.4	26.9	Pass
13.421	L1	17.9	9.6	19.8	37.7	29.4	60.0	50.0	22.3	20.6	Pass
0.5074	L1	8.1	0.5	19.8	27.9	20.3	56.0	46.0	28.1	25.7	Pass

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 3: Transmit by 802.11n(20MHz) (2437MHz)		
AC Power :	AC 120V/60Hz	Phase :	L&N
Temperature :	22°C	Humidity:	50%
Pressur(mbar) :	1002	Date:	2010/09/26



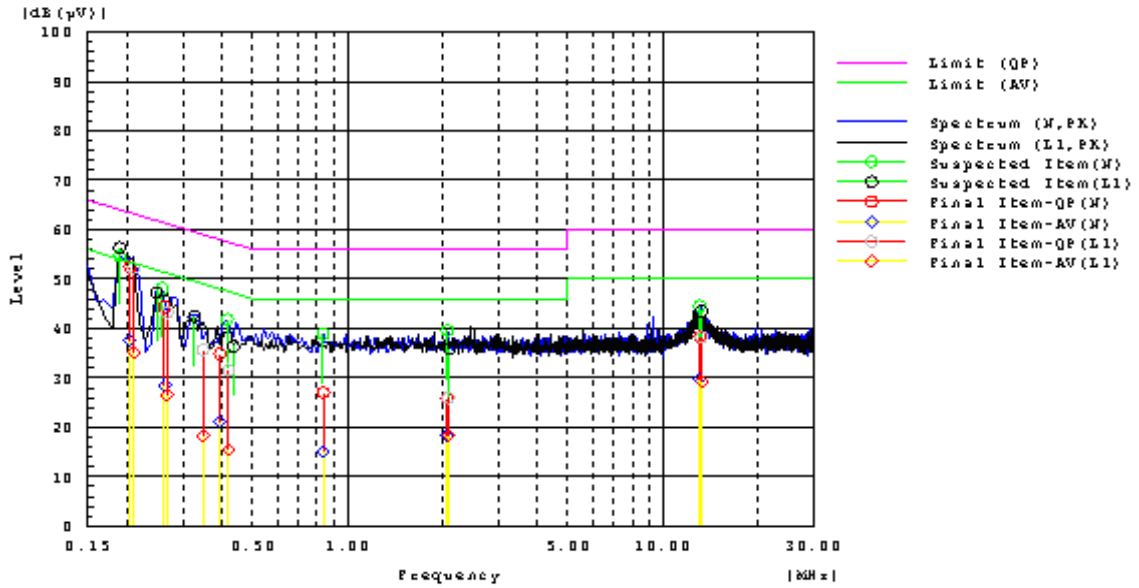
Frequency MHz	Line Phase	Reading dB(uV) QP	Reading dB(uV) AV	Factor dB	Level dB(uV) QP	Level dB(uV) AV	Limit dB(uV) QP	Limit dB(uV) AV	Margin dB QP	Margin dB AV	Pass/Fail
0.20031	L1	33.0	15.4	19.9	52.9	35.3	63.6	53.6	10.7	18.3	Pass
0.25571	L1	23.6	7.5	19.9	43.5	27.4	61.6	51.6	18.1	24.2	Pass
13.224	L1	17.6	9.9	19.8	37.4	29.7	60.0	50.0	22.6	20.3	Pass
2.544	L1	6.2	-2.7	19.7	25.9	17.0	56.0	46.0	30.1	29.0	Pass
0.3325	L1	14.8	-0.8	19.9	34.7	19.1	59.4	49.4	24.7	30.3	Pass
1.00102	L1	7.8	-0.8	19.7	27.5	18.9	56.0	46.0	28.5	27.1	Pass
0.1901	N	33.3	15.9	19.5	52.8	35.4	64.0	54.0	11.2	18.6	Pass
0.2613	N	24.6	7.3	19.5	44.1	26.8	61.4	51.4	17.3	24.6	Pass
13.199	N	19.1	8.2	19.9	39.0	28.1	60.0	50.0	21.0	21.9	Pass
9.402	N	11.8	3.0	19.9	31.7	22.9	60.0	50.0	28.3	27.1	Pass
2.0892	N	6.4	-1.5	19.5	25.9	18.0	56.0	46.0	30.1	28.0	Pass
0.4225	N	12.5	-1.4	19.5	32.0	18.1	57.4	47.4	25.4	29.3	Pass

Note: Measurement Level = Reading Level + Correct Factor





Test Mode :	Mode 4: Transmit by 802.11 n(40MHz) (2437MHz)		
AC Power :	AC 120V/60Hz	Phase :	L&N
Temperature :	22°C	Humidity:	50%
Pressur(mbar) :	1002	Date:	2010/09/26



Frequency MHz	Line Phase	Reading dB(uV) QP	Reading dB(uV) AV	Factor dB	Level dB(uV) QP	Level dB(uV) AV	Limit dB(uV) QP	Limit dB(uV) AV	Margin dB QP	Margin dB AV	Pass/Fail
0.20927	L1	32.3	15.2	19.9	52.2	35.1	63.2	53.2	11.0	18.1	Pass
0.26786	L1	23.4	6.5	19.9	43.3	26.4	61.2	51.2	17.9	24.8	Pass
0.34759	L1	15.8	-1.5	19.9	35.7	18.4	59.0	49.0	23.3	30.6	Pass
0.41927	L1	11.7	-4.5	19.9	31.6	15.4	57.5	47.5	25.9	32.1	Pass
2.08302	L1	6.3	-1.3	19.7	26.0	18.4	56.0	46.0	30.0	27.6	Pass
13.2776	L1	18.5	9.4	19.8	38.3	29.2	60.0	50.0	21.7	20.8	Pass
0.20374	N	32.9	18.1	19.5	52.4	37.6	63.5	53.5	11.1	15.9	Pass
0.26271	N	24.9	9.0	19.5	44.4	28.5	61.3	51.3	16.9	22.8	Pass
0.39337	N	15.4	1.7	19.5	34.9	21.2	58.0	48.0	23.1	26.8	Pass
13.094	N	18.5	9.9	19.9	38.4	29.8	60.0	50.0	21.6	20.2	Pass
2.06459	N	6.4	-1.2	19.5	25.9	18.3	56.0	46.0	30.1	27.7	Pass
0.83676	N	7.5	-4.4	19.5	27.0	15.1	56.0	46.0	29.0	30.9	Pass

Note: Measurement Level = Reading Level + Correct Factor

*Fred Guo*

Test engineer: \_\_\_\_\_



## 4. Test of Radiated Emission

### 4.1. Test Limit

Radiated emissions from 30 MHz to 25 GHz were measured according to the methods defines in ANSI C63.4-2003. The EUT was placed, 0.8 meter above the ground plane, as shown in section 5.6.3. The interface cables and equipment positions were varied within limits of reasonable applications to determine the positions producing maximum radiated emissions for unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency (MHz)	Distance Meters	Radiated ( $\mu$ V / M)	Radiated (dB $\mu$ 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

For unintentional device, according to CISPR PUB.22, for Class B digital devices, the general requirement of field strength of radiated emissions from intentional radiators at a distance of 10 meters shall not exceed the below table.

Frequency (MHz)	Distance Meters	Radiated (dB $\mu$ V/ M)
30-230	10	30
230-1000	10	37

### 4.2. Test Procedures

The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The EUT is placed on a turn table which is 0.8 meter above ground plane. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.4. The EUT is set to transmit in a continuous mode.

For measurements below 1GHz the resolution bandwidth is set to 100kHz for peak detection measurements or 120kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1GHz the resolution bandwidth is set to 1MHz, then the video



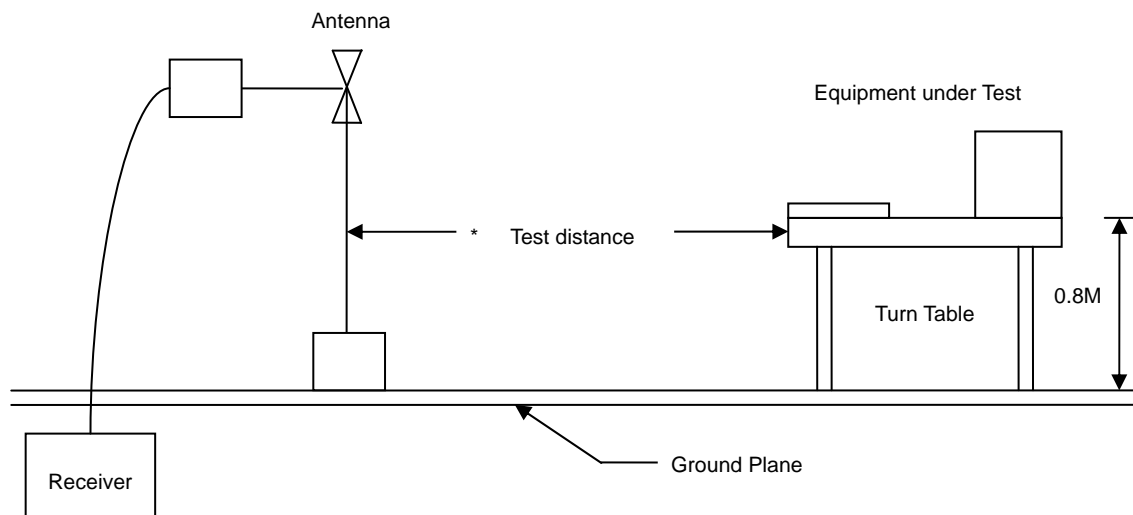
bandwidth is set to 1MHz for peak measurements and 10Hz for average measurements.

The spectrum from 30MHz to 26GHz is investigated with the transmitter set to the lowest, middle and highest channels in the 2.4GHz band.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are Made with the antenna polarized in both the vertical and the horizontal positions.

When performing radiated measurements >1 GHz, the EUT always remains within the 3dB beam-width of the measuring antenna.

### 4.3. Typical Test Setup





#### 4.4. Measurement Equipment

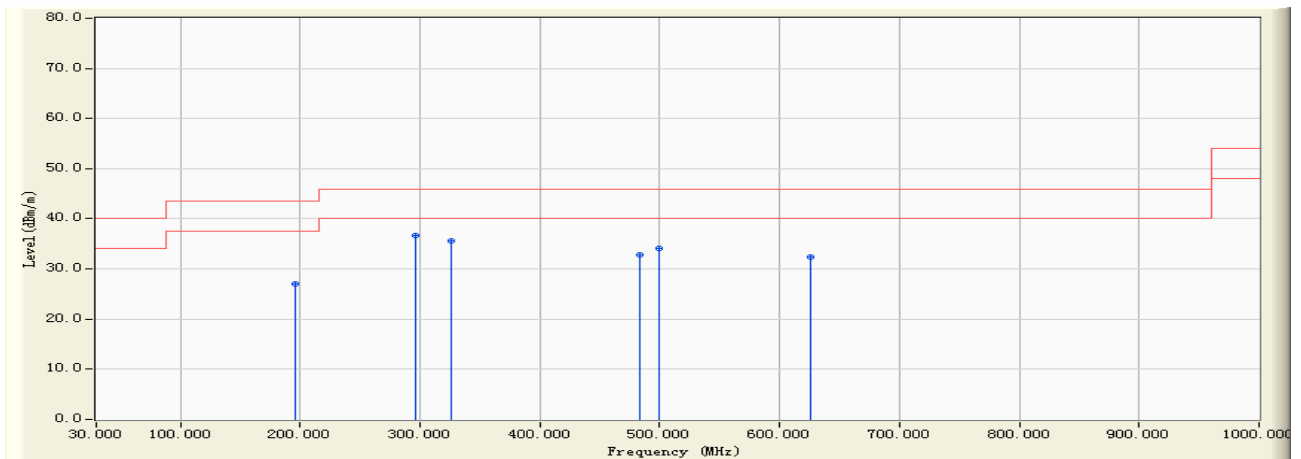
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date
EMI Test Receiver	R&S	ESCI	100563	2010.06.23
H64 Amplifier	HP	8447F	3113A05582	2010.08.14
Preamplifier	Agilent	8449B	ED-HE-EMI-077	2010.02.10
Preamplifier	Agilent	8449B	3008A02342	2010.02.10
Ultra Broadband Antenna	R&S	HL562	100362	2009.11.25
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	9120D-619	2009.11.10
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	9170-347	2009.10.15
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17



### 4.5. Test Result and Data

Under 1GHz:

Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 15:33
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2412MHz)



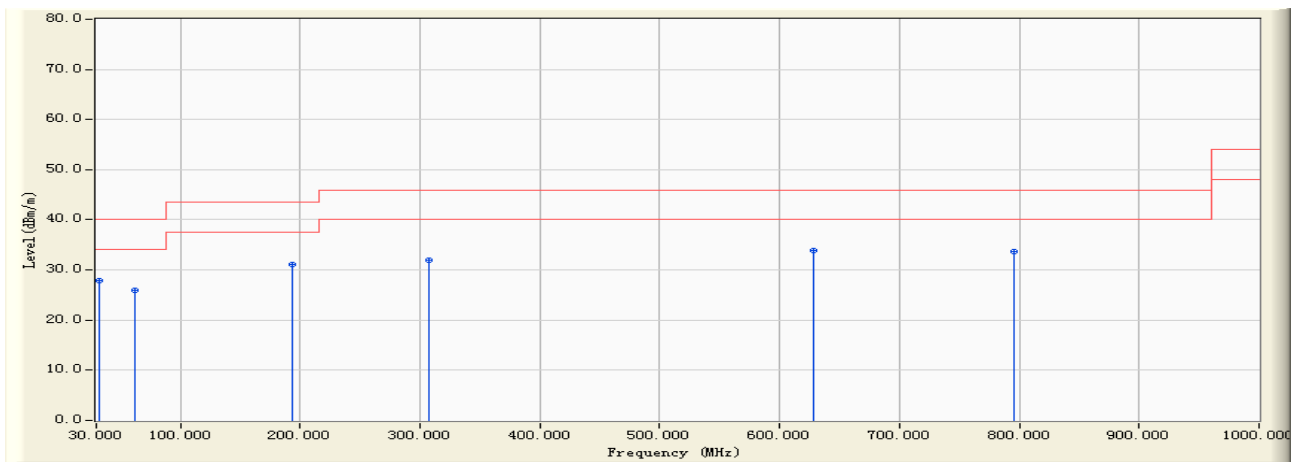
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.680	-15.490	42.570	27.081	-16.419	43.500	QUASPEAK
2	*	296.570	-11.016	47.650	36.634	-9.366	46.000	QUASPEAK
3		325.670	-10.053	45.580	35.527	-10.473	46.000	QUASPEAK
4		483.590	-5.193	38.010	32.817	-13.183	46.000	QUASPEAK
5		500.016	-4.814	38.980	34.166	-11.834	46.000	QUASPEAK
6		625.340	-2.098	34.580	32.482	-13.518	46.000	QUASPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 15:34
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2412MHz)



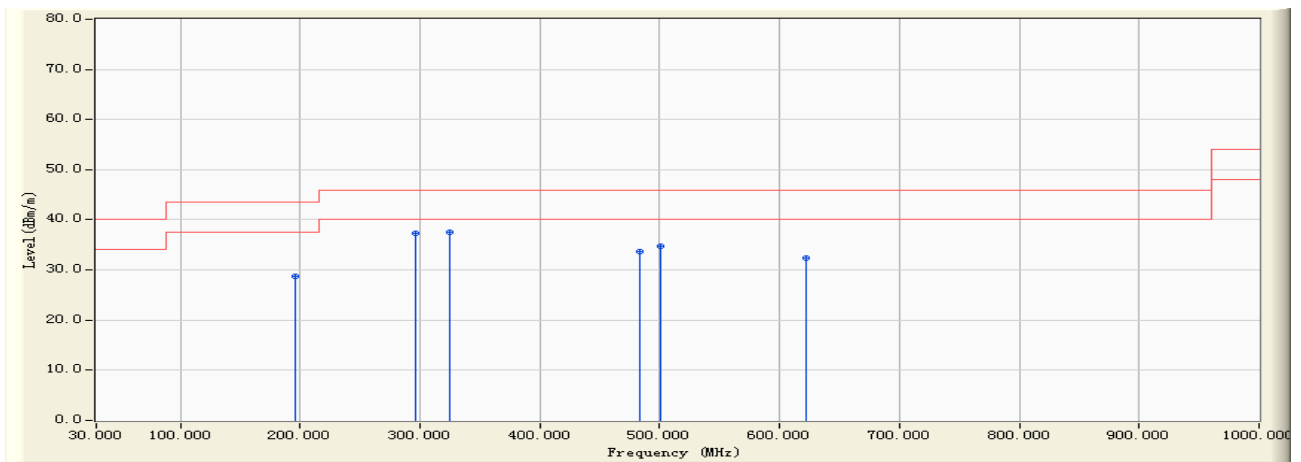
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	32.560	-6.536	34.520	27.984	-12.016	40.000	QUASPEAK
2		62.570	-19.939	45.980	26.040	-13.960	40.000	QUASPEAK
3		193.580	-15.529	46.570	31.040	-12.460	43.500	QUASPEAK
4		306.940	-10.668	42.580	31.912	-14.088	46.000	QUASPEAK
5		628.540	-2.037	35.980	33.942	-12.058	46.000	QUASPEAK
6		795.380	1.163	32.480	33.644	-12.356	46.000	QUASPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 15:35
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2437MHz)



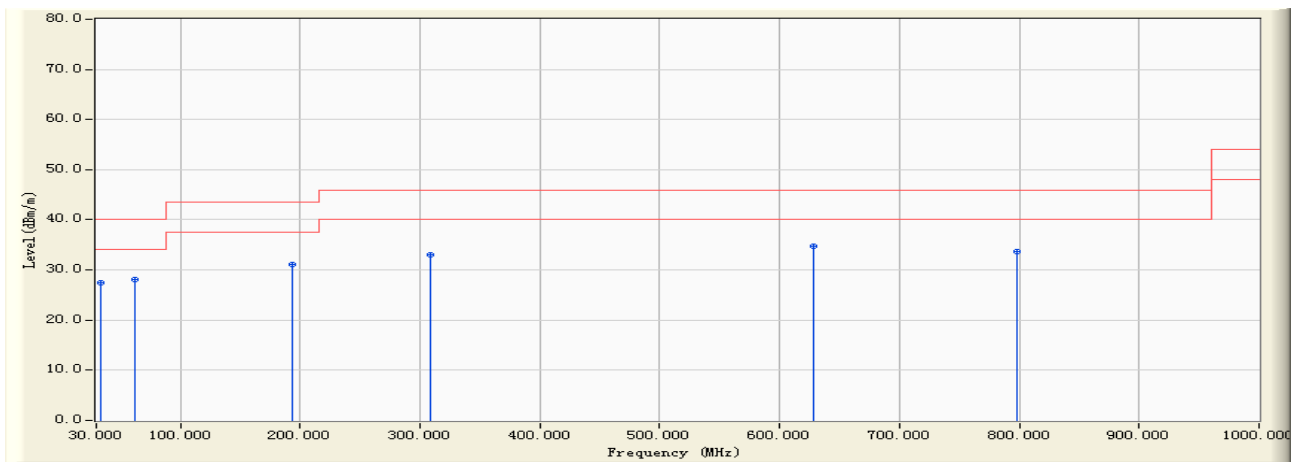
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBUV)	Measure Level (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Detector Type
1		195.840	-15.486	44.320	28.834	-14.666	43.500	QUASPEAK
2		296.570	-11.016	48.350	37.334	-8.666	46.000	QUASPEAK
3	*	324.570	-10.038	47.520	37.482	-8.518	46.000	QUASPEAK
4		483.520	-5.193	38.940	33.747	-12.253	46.000	QUASPEAK
5		500.260	-4.809	39.570	34.762	-11.238	46.000	QUASPEAK
6		622.350	-2.143	34.580	32.437	-13.563	46.000	QUASPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 15:35
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2437MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBUV)	Measure Level (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Detector Type
1		33.583	-7.097	34.520	27.423	-12.577	40.000	QUASPEAK
2		62.570	-19.939	48.010	28.070	-11.930	40.000	QUASPEAK
3		193.570	-15.529	46.570	31.040	-12.460	43.500	QUASPEAK
4		308.670	-10.588	43.590	33.002	-12.998	46.000	QUASPEAK
5	*	628.540	-2.037	36.830	34.792	-11.208	46.000	QUASPEAK
6		798.340	1.150	32.540	33.690	-12.310	46.000	QUASPEAK

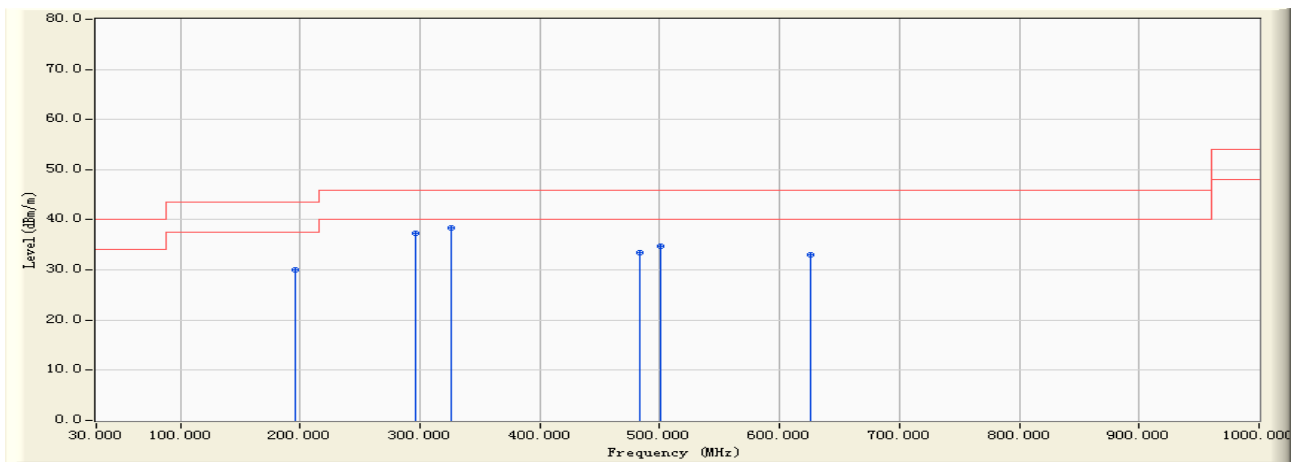
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 15:36
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2462MHz)



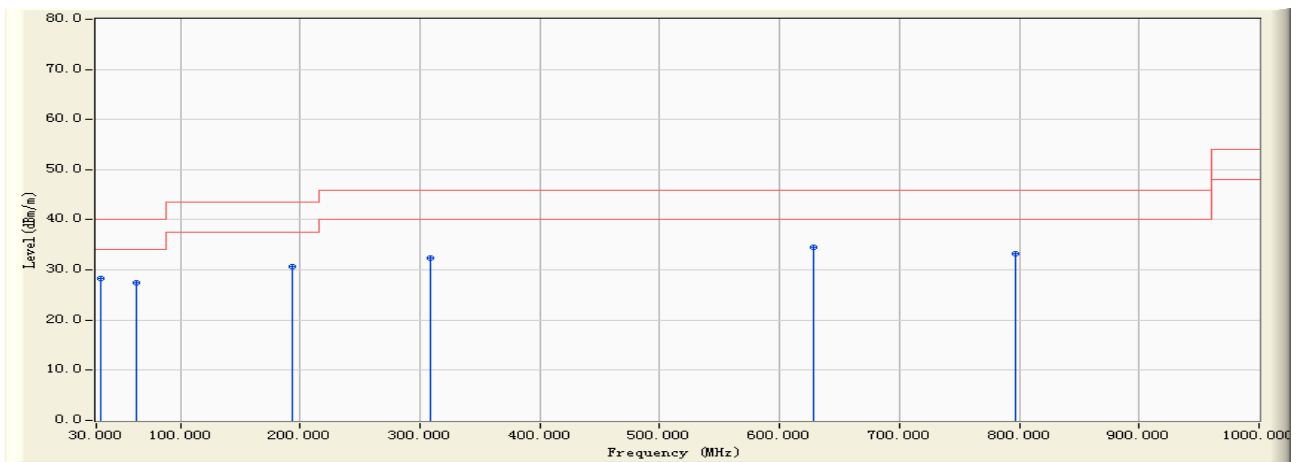
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.870	-15.485	45.610	30.125	-13.375	43.500	QUASPEAK
2		296.540	-11.017	48.350	37.333	-8.667	46.000	QUASPEAK
3	*	325.610	-10.052	48.510	38.458	-7.542	46.000	QUASPEAK
4		483.590	-5.193	38.670	33.477	-12.523	46.000	QUASPEAK
5		500.360	-4.806	39.520	34.714	-11.286	46.000	QUASPEAK
6		625.310	-2.098	35.210	33.112	-12.888	46.000	QUASPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 15:37
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2462MHz)



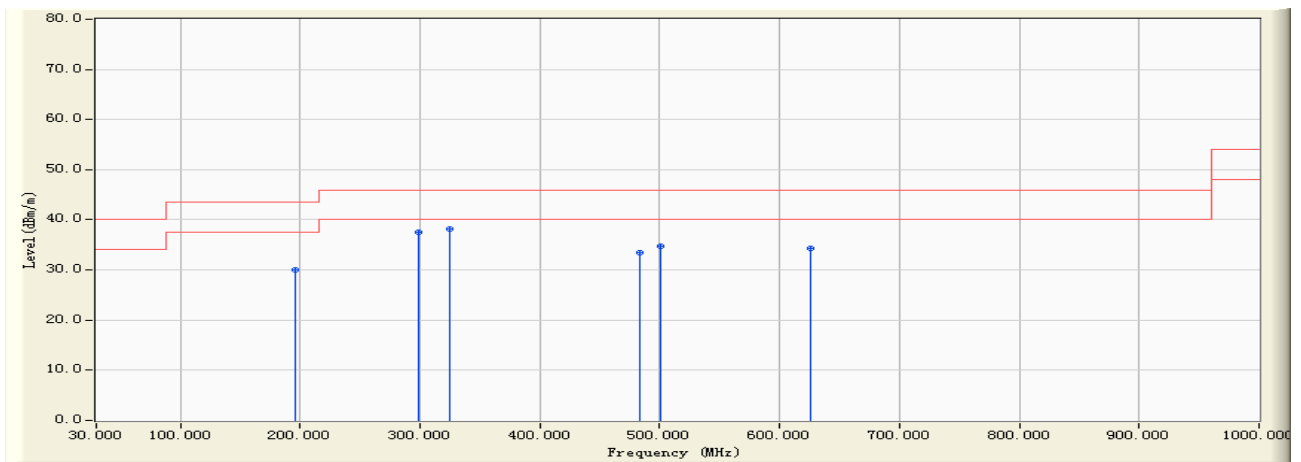
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		33.620	-7.116	35.510	28.394	-11.606	40.000	QUASPEAK
2		62.940	-19.831	47.350	27.519	-12.481	40.000	QUASPEAK
3		193.580	-15.529	46.240	30.710	-12.790	43.500	QUASPEAK
4		308.540	-10.591	43.010	32.419	-13.581	46.000	QUASPEAK
5	*	628.350	-2.044	36.510	34.465	-11.535	46.000	QUASPEAK
6		796.540	1.160	32.070	33.229	-12.771	46.000	QUASPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 15:39
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2412MHz)



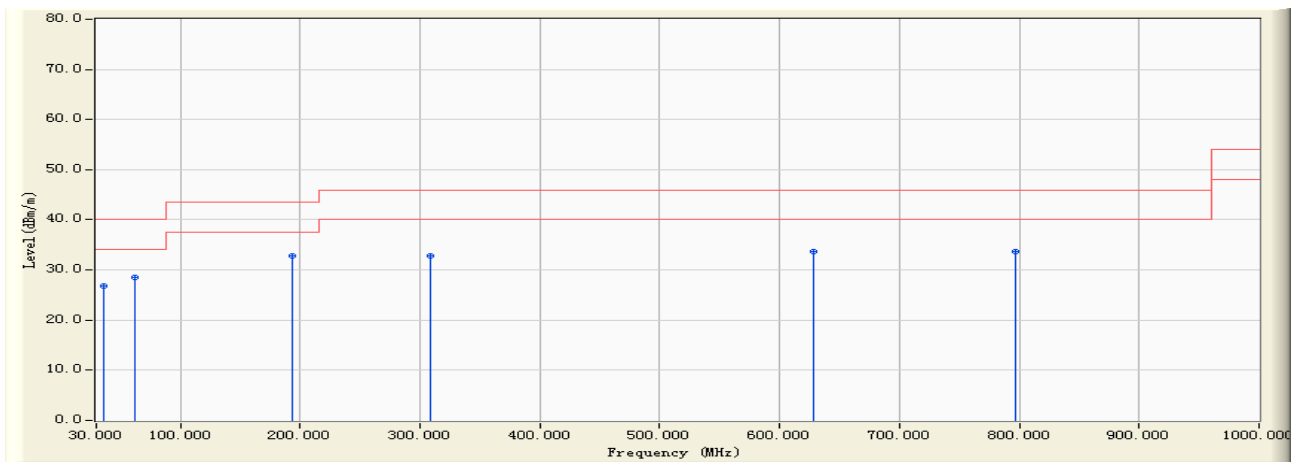
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBUV)	Measure Level (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Detector Type
1		195.670	-15.489	45.610	30.120	-13.380	43.500	QUASPEAK
2		298.360	-10.941	48.370	37.429	-8.571	46.000	QUASPEAK
3	*	324.510	-10.036	48.270	38.234	-7.766	46.000	QUASPEAK
4		483.590	-5.193	38.650	33.457	-12.543	46.000	QUASPEAK
5		500.360	-4.806	39.640	34.834	-11.166	46.000	QUASPEAK
6		625.380	-2.098	36.510	34.412	-11.588	46.000	QUASPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 15:41
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2412MHz)



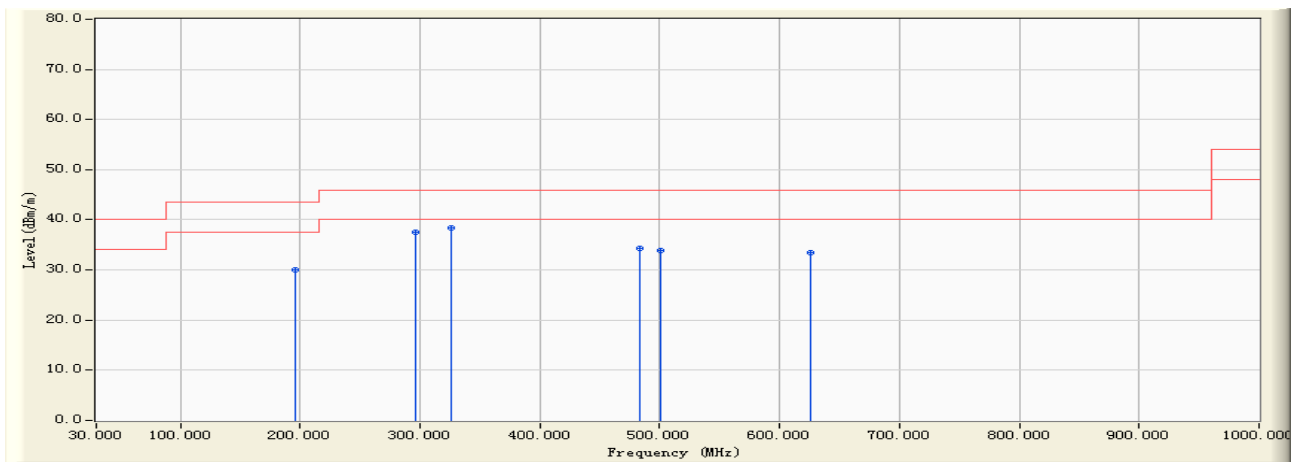
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBUV)	Measure Level (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Detector Type
1		35.620	-8.151	34.860	26.709	-13.291	40.000	QUASPEAK
2		62.540	-19.945	48.530	28.585	-11.415	40.000	QUASPEAK
3	*	193.540	-15.530	48.320	32.790	-10.710	43.500	QUASPEAK
4		308.540	-10.591	43.510	32.919	-13.081	46.000	QUASPEAK
5		628.590	-2.036	35.610	33.574	-12.426	46.000	QUASPEAK
6		796.310	1.160	32.510	33.670	-12.330	46.000	QUASPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 15:42
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2437MHz)



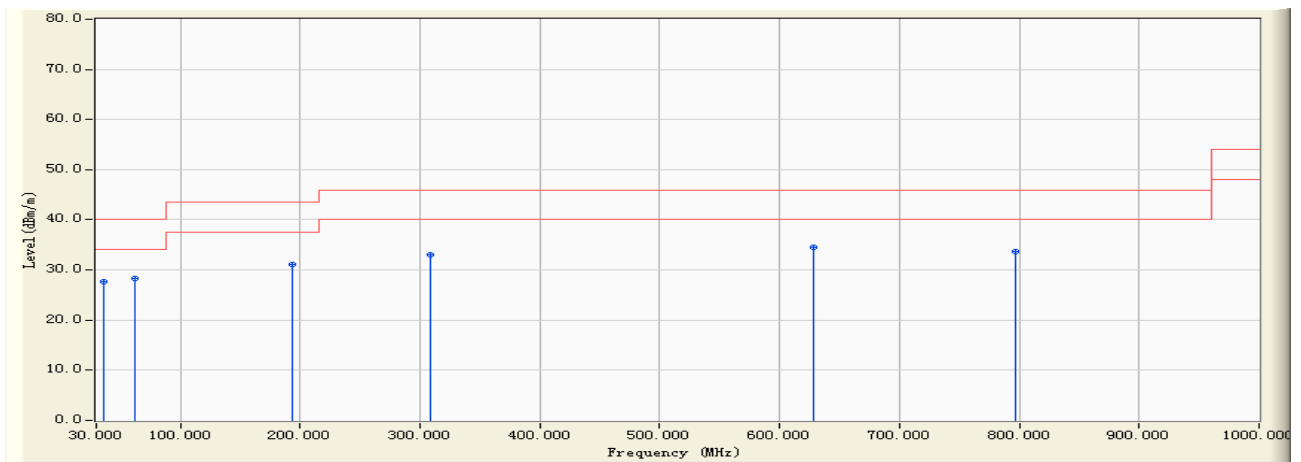
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.670	-15.489	45.620	30.130	-13.370	43.500	QUASPEAK
2		296.370	-11.026	48.530	37.504	-8.496	46.000	QUASPEAK
3	*	325.610	-10.052	48.520	38.468	-7.532	46.000	QUASPEAK
4		483.570	-5.193	39.510	34.317	-11.683	46.000	QUASPEAK
5		500.320	-4.807	38.690	33.883	-12.117	46.000	QUASPEAK
6		625.310	-2.098	35.610	33.512	-12.488	46.000	QUASPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 15:43
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2437MHz)



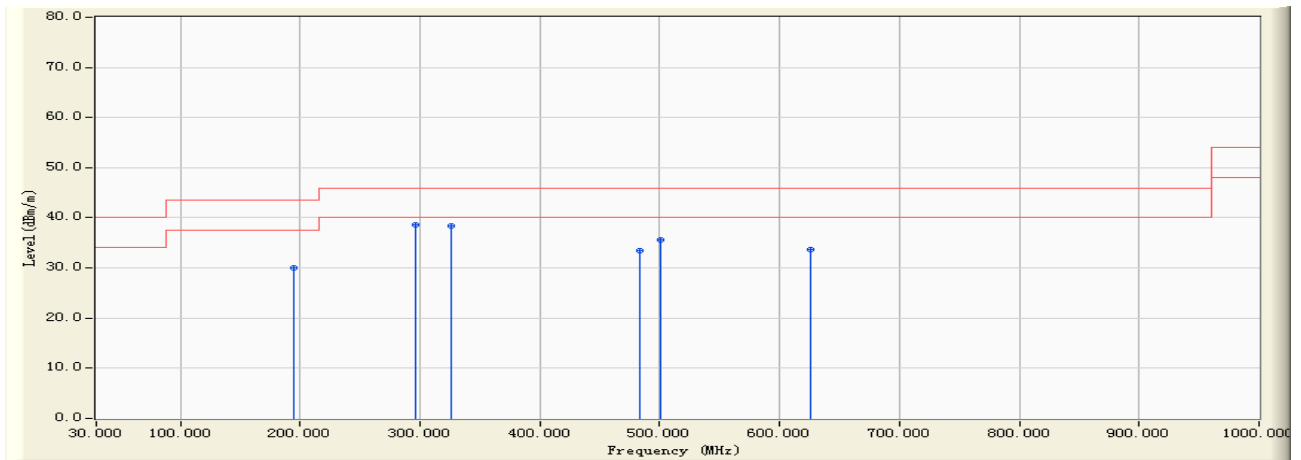
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		35.680	-8.182	35.840	27.658	-12.342	40.000	QUASPEAK
2		62.570	-19.939	48.350	28.410	-11.590	40.000	QUASPEAK
3		193.540	-15.530	46.590	31.060	-12.440	43.500	QUASPEAK
4		308.570	-10.590	43.560	32.970	-13.030	46.000	QUASPEAK
5	*	628.540	-2.037	36.510	34.472	-11.528	46.000	QUASPEAK
6		796.350	1.160	32.540	33.700	-12.300	46.000	QUASPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 15:44
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2462MHz)



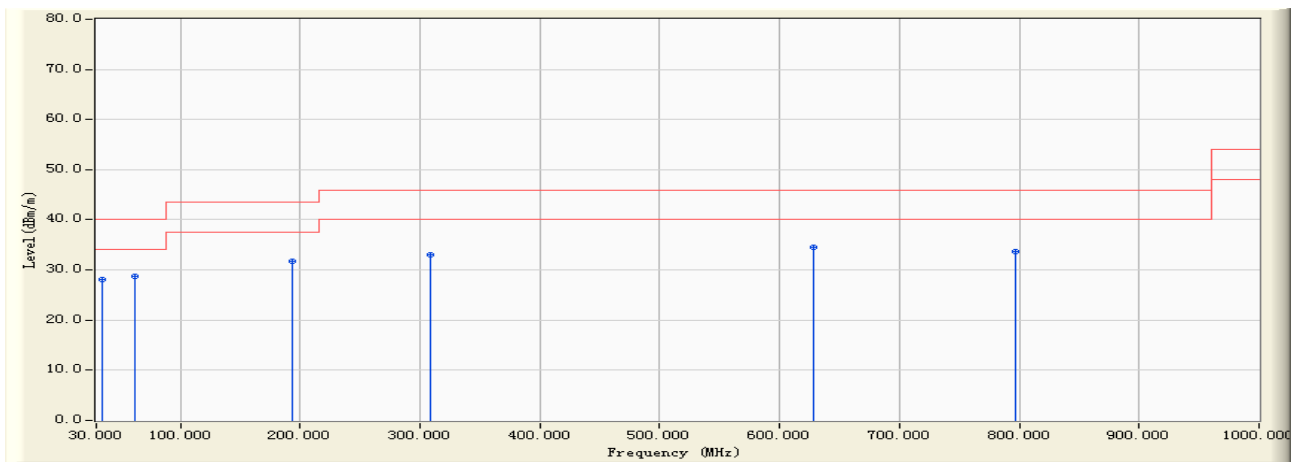
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.360	-15.496	45.610	30.114	-13.386	43.500	QUASPEAK
2	*	296.840	-11.003	49.530	38.527	-7.473	46.000	QUASPEAK
3		325.640	-10.052	48.510	38.457	-7.543	46.000	QUASPEAK
4		483.590	-5.193	38.640	33.447	-12.553	46.000	QUASPEAK
5		501.240	-4.785	40.370	35.585	-10.415	46.000	QUASPEAK
6		625.840	-2.096	35.680	33.584	-12.416	46.000	QUASPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 15:44
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2462MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		34.580	-7.608	35.613	28.006	-11.994	40.000	QUASPEAK
2	*	62.490	-19.953	48.630	28.677	-11.323	40.000	QUASPEAK
3		193.640	-15.529	47.320	31.791	-11.709	43.500	QUASPEAK
4		308.510	-10.591	43.590	32.998	-13.002	46.000	QUASPEAK
5		628.540	-2.037	36.510	34.472	-11.528	46.000	QUASPEAK
6		796.840	1.158	32.570	33.728	-12.272	46.000	QUASPEAK

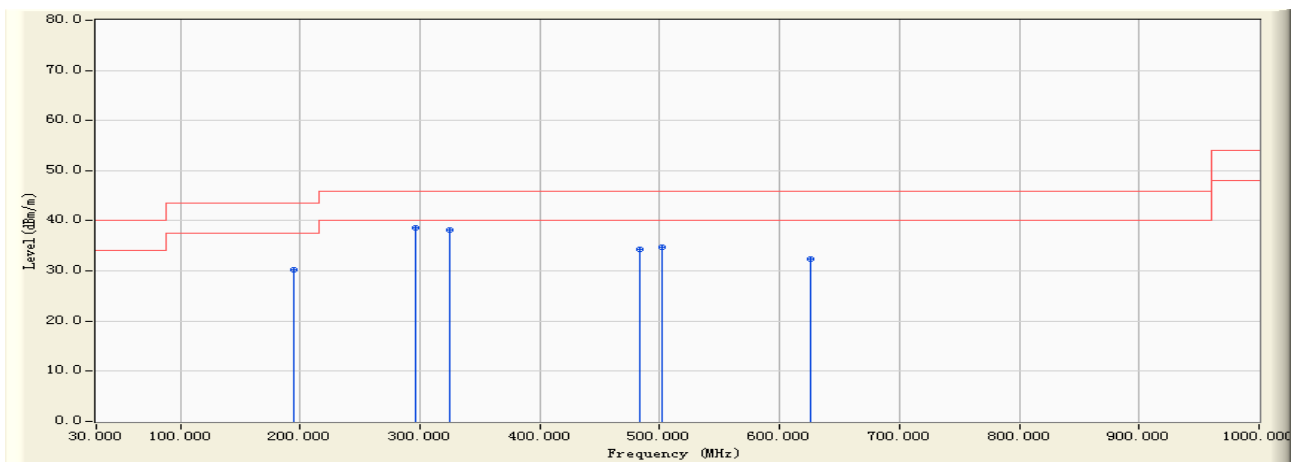
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 15:54
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2412MHz)



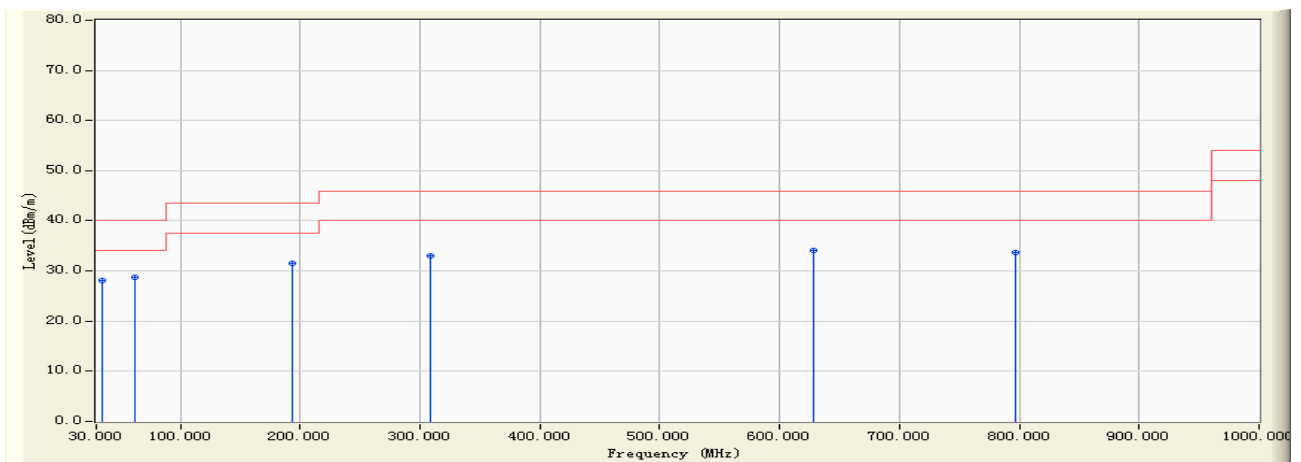
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.350	-15.496	45.670	30.174	-13.326	43.500	QUASPEAK
2	*	296.570	-11.016	49.530	38.514	-7.486	46.000	QUASPEAK
3		324.510	-10.036	48.210	38.174	-7.826	46.000	QUASPEAK
4		483.590	-5.193	39.510	34.317	-11.683	46.000	QUASPEAK
5		501.540	-4.778	39.520	34.742	-11.258	46.000	QUASPEAK
6		625.370	-2.098	34.590	32.492	-13.508	46.000	QUASPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 15:56
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2412MHz)



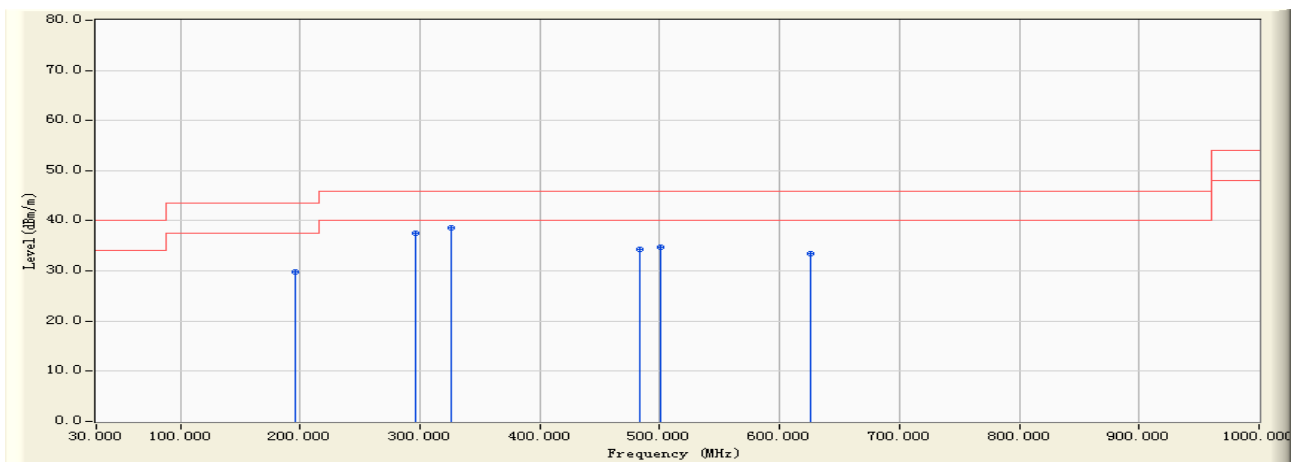
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		34.560	-7.597	35.680	28.083	-11.917	40.000	QUASPEAK
2	*	62.540	-19.945	48.590	28.645	-11.355	40.000	QUASPEAK
3		193.570	-15.529	47.140	31.610	-11.890	43.500	QUASPEAK
4		308.590	-10.590	43.560	32.970	-13.030	46.000	QUASPEAK
5		628.350	-2.044	36.210	34.165	-11.835	46.000	QUASPEAK
6		796.380	1.160	32.570	33.730	-12.270	46.000	QUASPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 15:57
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2437MHz)



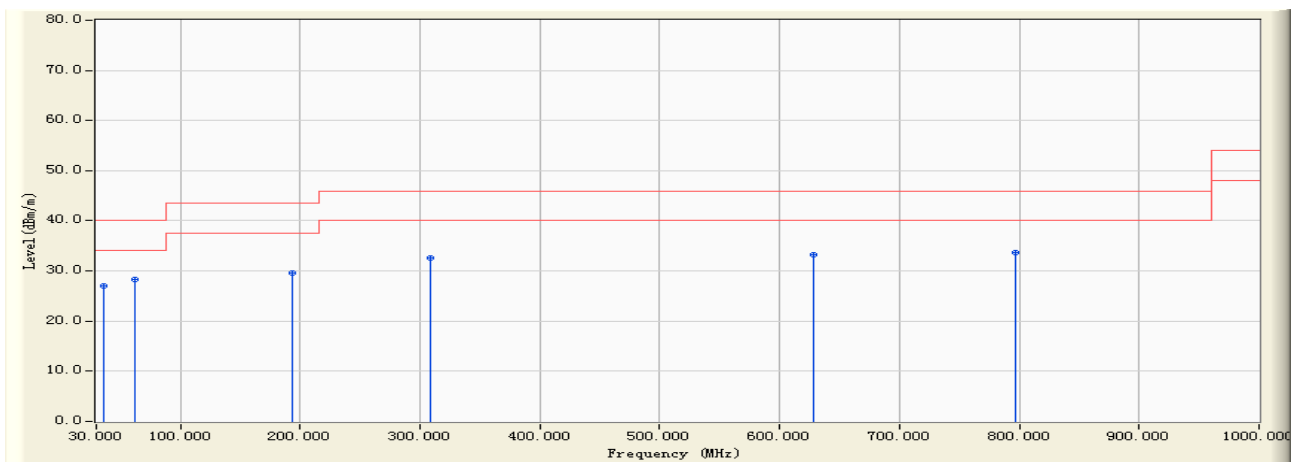
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.640	-15.490	45.270	29.780	-13.720	43.500	QUASPEAK
2		296.530	-11.018	48.560	37.542	-8.458	46.000	QUASPEAK
3	*	325.510	-10.051	48.690	38.639	-7.361	46.000	QUASPEAK
4		483.550	-5.193	39.510	34.317	-11.683	46.000	QUASPEAK
5		500.240	-4.809	39.530	34.721	-11.279	46.000	QUASPEAK
6		625.310	-2.098	35.610	33.512	-12.488	46.000	QUASPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 16:01
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2437MHz)



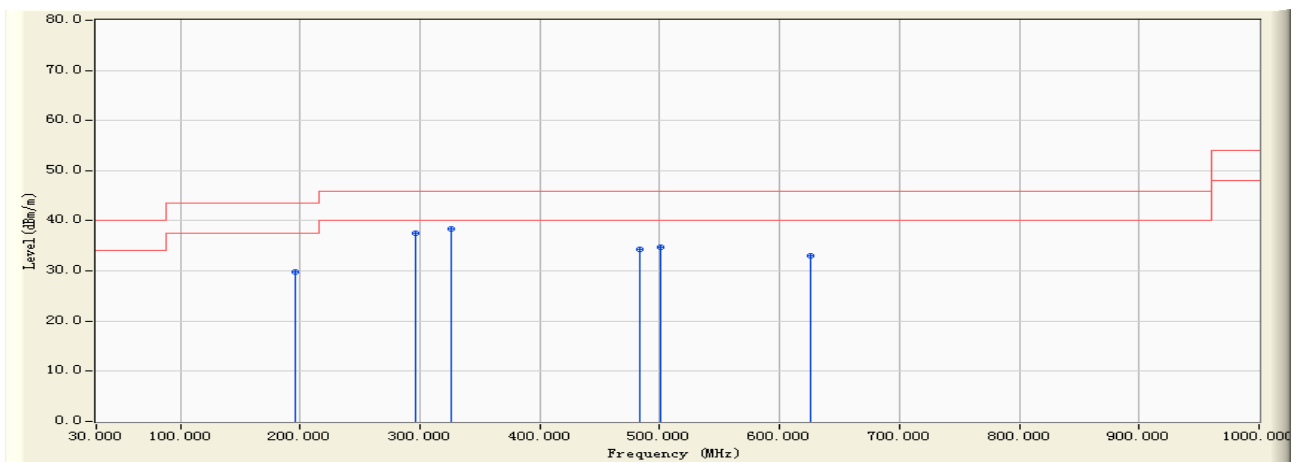
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		35.620	-8.151	35.140	26.989	-13.011	40.000	QUASIPeAK
2	*	62.350	-19.976	48.320	28.344	-11.656	40.000	QUASIPeAK
3		193.580	-15.529	45.140	29.610	-13.890	43.500	QUASIPeAK
4		308.620	-10.589	43.210	32.621	-13.379	46.000	QUASIPeAK
5		628.360	-2.044	35.210	33.165	-12.835	46.000	QUASIPeAK
6		797.000	1.158	32.540	33.698	-12.302	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 16:03
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2462MHz)



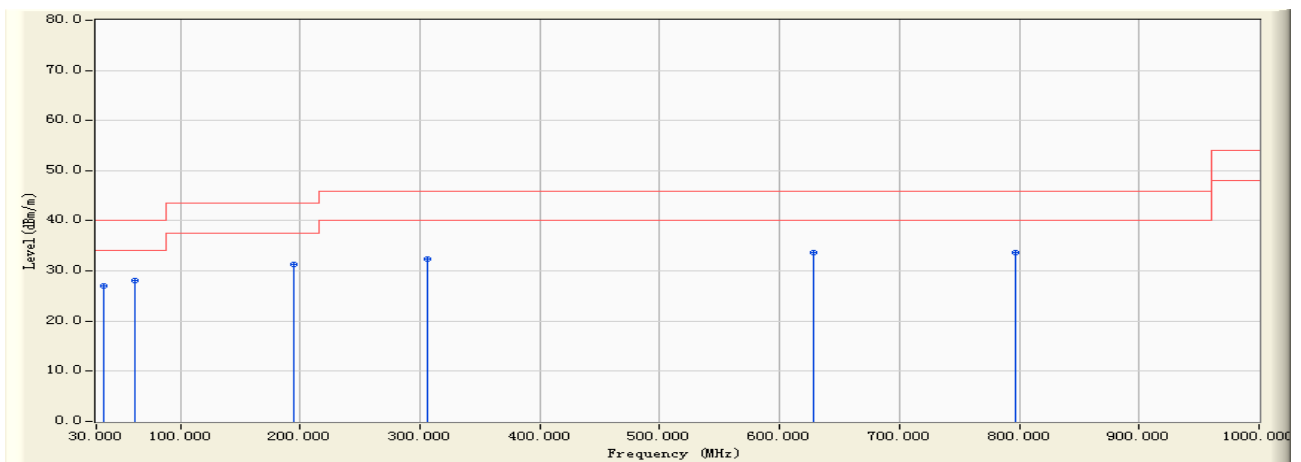
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.630	-15.490	45.280	29.790	-13.710	43.500	QUASIPeAK
2		296.385	-11.025	48.520	37.495	-8.505	46.000	QUASIPeAK
3	*	325.610	-10.052	48.530	38.478	-7.522	46.000	QUASIPeAK
4		483.570	-5.193	39.520	34.327	-11.673	46.000	QUASIPeAK
5		501.240	-4.785	39.530	34.745	-11.255	46.000	QUASIPeAK
6		625.480	-2.098	35.210	33.112	-12.888	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 16:35
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2462MHz)



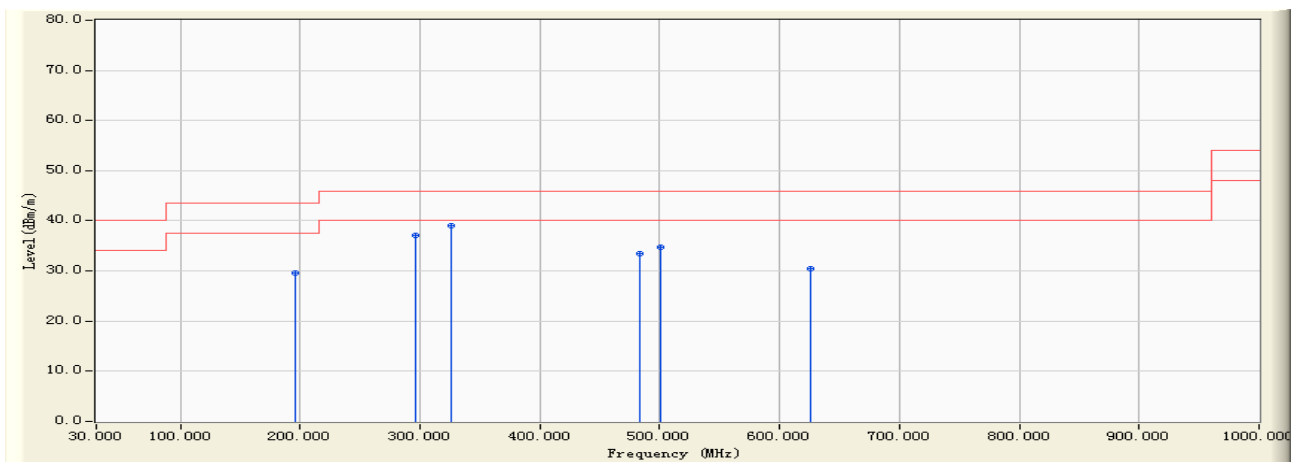
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		35.630	-8.156	35.140	26.984	-13.016	40.000	QUASPEAK
2	*	62.380	-19.971	48.050	28.079	-11.921	40.000	QUASPEAK
3		195.350	-15.496	46.870	31.374	-12.126	43.500	QUASPEAK
4		306.540	-10.688	43.180	32.492	-13.508	46.000	QUASPEAK
5		628.570	-2.037	35.690	33.653	-12.347	46.000	QUASPEAK
6		796.350	1.160	32.570	33.730	-12.270	46.000	QUASPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 16:36
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2422MHz)



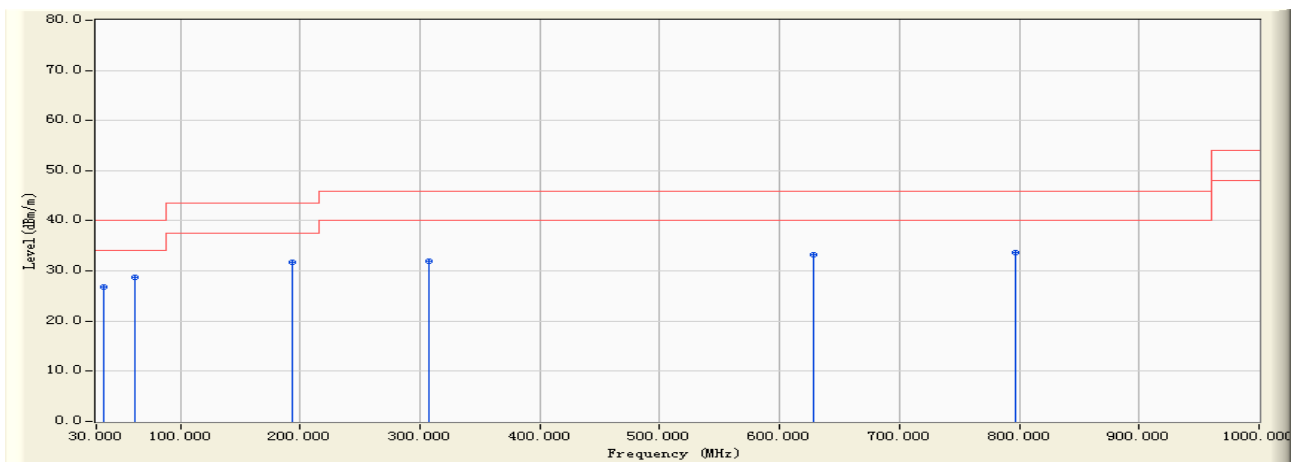
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.580	-15.492	45.010	29.519	-13.981	43.500	QUASIPeAK
2		296.340	-11.028	48.170	37.142	-8.858	46.000	QUASIPeAK
3	*	325.630	-10.053	48.990	38.938	-7.062	46.000	QUASIPeAK
4		483.570	-5.193	38.620	33.427	-12.573	46.000	QUASIPeAK
5		501.340	-4.783	39.540	34.757	-11.243	46.000	QUASIPeAK
6		625.370	-2.098	32.580	30.482	-15.518	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 16:37
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2422MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		35.640	-8.161	35.020	26.859	-13.141	40.000	QUASIPeAK
2	*	62.380	-19.971	48.690	28.719	-11.281	40.000	QUASIPeAK
3		193.540	-15.530	47.250	31.720	-11.780	43.500	QUASIPeAK
4		307.590	-10.634	42.510	31.875	-14.125	46.000	QUASIPeAK
5		628.540	-2.037	35.360	33.322	-12.678	46.000	QUASIPeAK
6		796.530	1.160	32.540	33.699	-12.301	46.000	QUASIPeAK

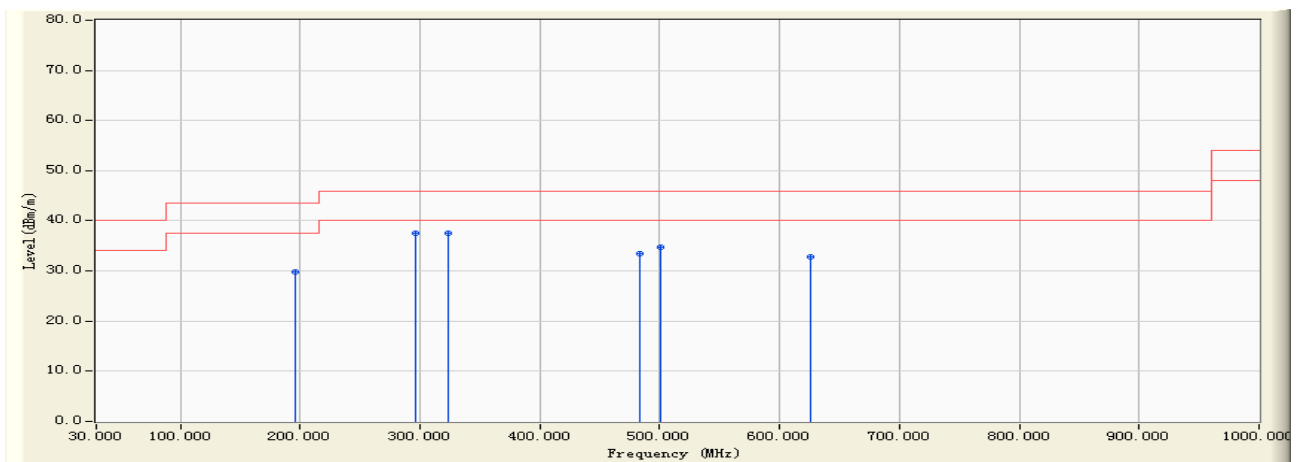
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 16:38
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2437MHz)



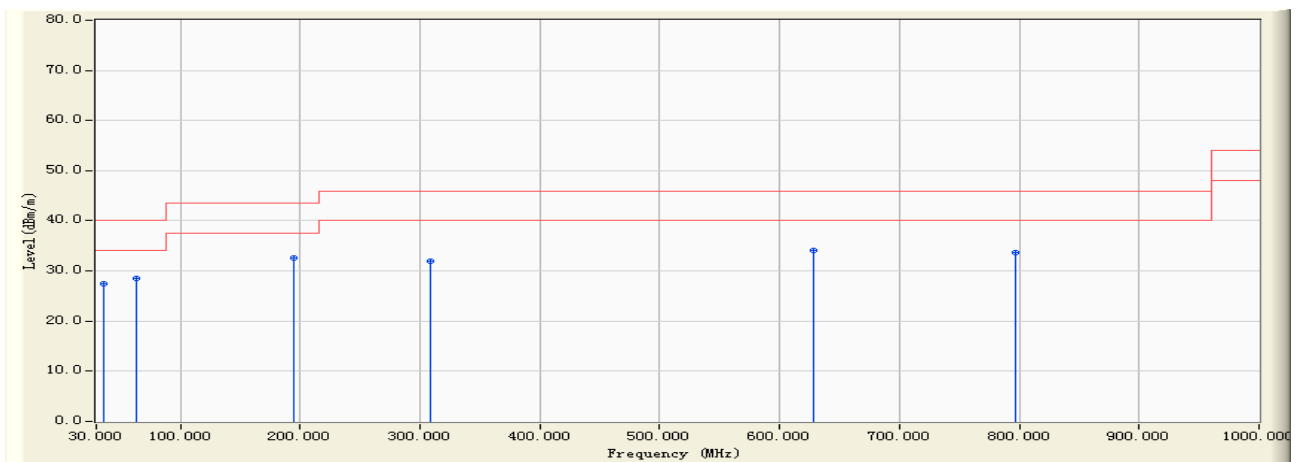
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.680	-15.490	45.340	29.851	-13.649	43.500	QUASPEAK
2		296.370	-11.026	48.520	37.494	-8.506	46.000	QUASPEAK
3	*	323.630	-10.023	47.590	37.567	-8.433	46.000	QUASPEAK
4		483.540	-5.194	38.640	33.447	-12.553	46.000	QUASPEAK
5		501.360	-4.783	39.570	34.788	-11.212	46.000	QUASPEAK
6		625.580	-2.098	35.010	32.912	-13.088	46.000	QUASPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 16:38
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2437MHz)



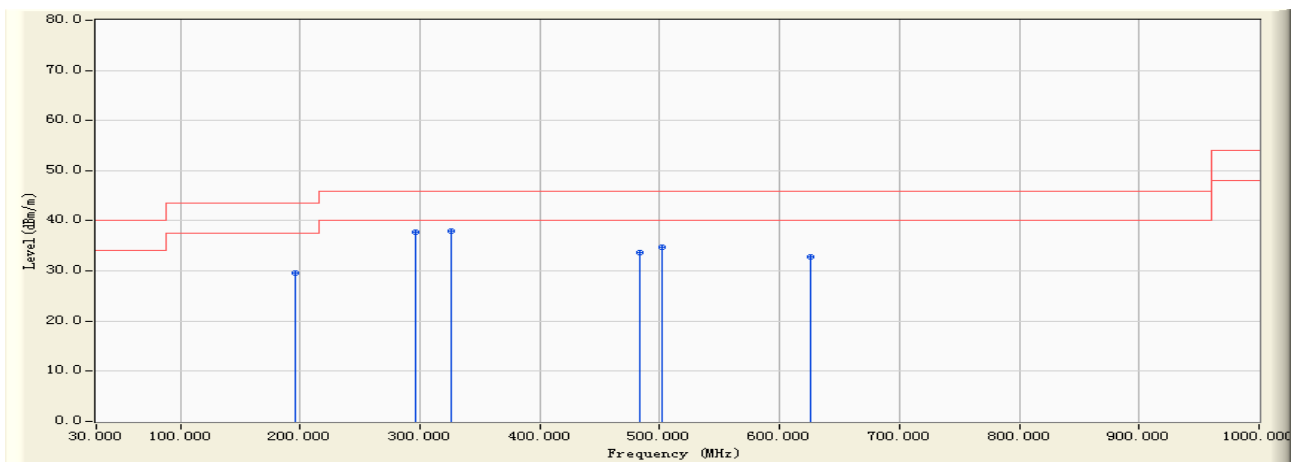
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		35.640	-8.161	35.620	27.459	-12.541	40.000	QUASIPeAK
2		63.570	-19.623	48.060	28.437	-11.563	40.000	QUASIPeAK
3	*	195.340	-15.496	48.010	32.514	-10.986	43.500	QUASIPeAK
4		308.570	-10.590	42.580	31.990	-14.010	46.000	QUASIPeAK
5		628.950	-2.025	36.210	34.185	-11.815	46.000	QUASIPeAK
6		796.320	1.160	32.570	33.730	-12.270	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 16:39
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2452MHz)



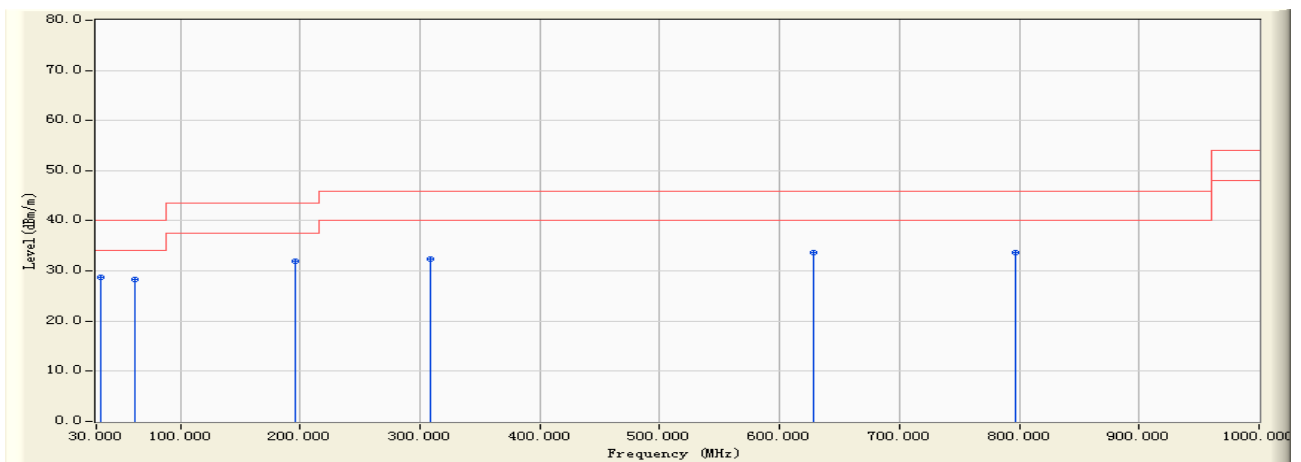
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		196.370	-15.480	45.060	29.580	-13.920	43.500	QUASIPeAK
2		296.540	-11.017	48.680	37.663	-8.337	46.000	QUASIPeAK
3	*	325.670	-10.053	48.050	37.997	-8.003	46.000	QUASIPeAK
4		483.570	-5.193	38.950	33.757	-12.243	46.000	QUASIPeAK
5		501.460	-4.780	39.520	34.740	-11.260	46.000	QUASIPeAK
6		625.340	-2.098	35.010	32.912	-13.088	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/27 - 16:40
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2452MHz)



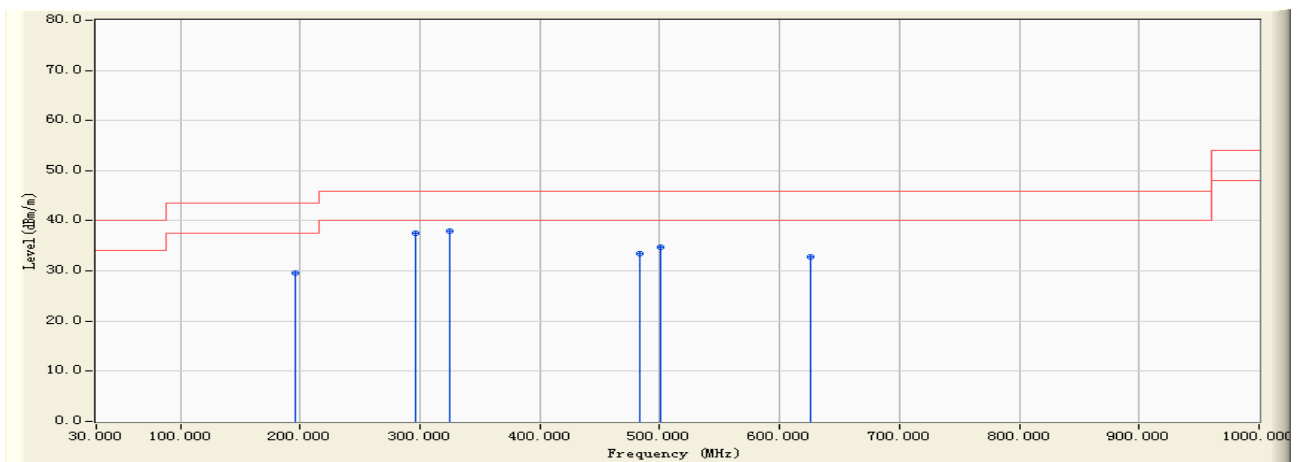
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	33.560	-7.086	35.870	28.784	-11.216	40.000	QUASIPeAK
2		62.580	-19.938	48.350	28.412	-11.588	40.000	QUASIPeAK
3		195.840	-15.486	47.360	31.874	-11.626	43.500	QUASIPeAK
4		308.590	-10.590	43.050	32.460	-13.540	46.000	QUASIPeAK
5		628.590	-2.036	35.610	33.574	-12.426	46.000	QUASIPeAK
6		796.340	1.161	32.580	33.740	-12.260	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:05
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2412MHz)



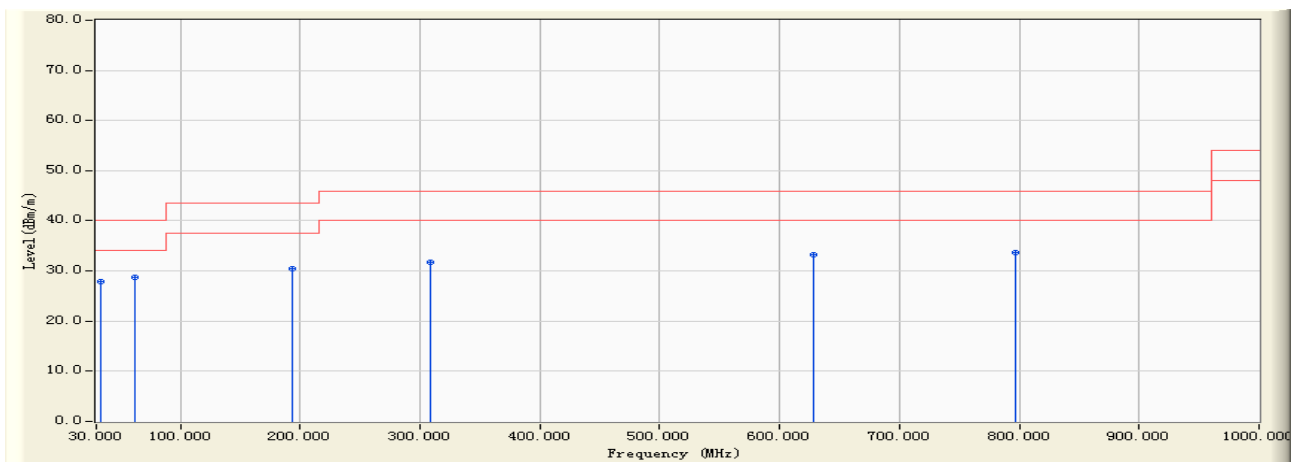
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.680	-15.490	45.010	29.521	-13.979	43.500	QUASIPeAK
2		296.570	-11.016	48.530	37.514	-8.486	46.000	QUASIPeAK
3	*	324.680	-10.040	48.030	37.990	-8.010	46.000	QUASIPeAK
4		483.570	-5.193	38.670	33.477	-12.523	46.000	QUASIPeAK
5		501.240	-4.785	39.560	34.775	-11.225	46.000	QUASIPeAK
6		625.330	-2.098	35.020	32.922	-13.078	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:06
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2412MHz)



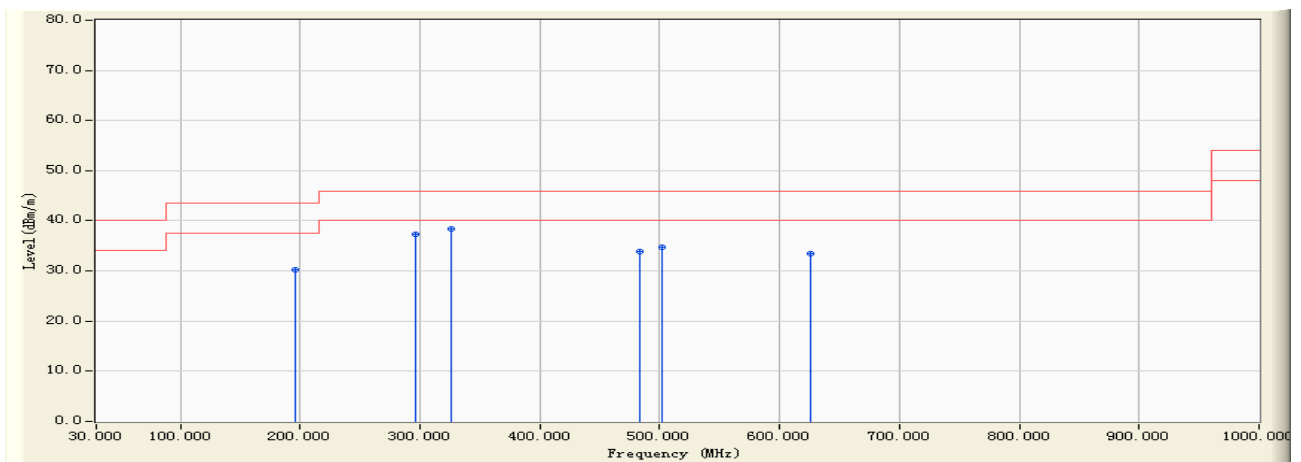
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		33.560	-7.086	35.010	27.924	-12.076	40.000	QUASIPeAK
2	*	62.380	-19.971	48.620	28.649	-11.351	40.000	QUASIPeAK
3		193.570	-15.529	46.050	30.520	-12.980	43.500	QUASIPeAK
4		308.570	-10.590	42.330	31.740	-14.260	46.000	QUASIPeAK
5		628.590	-2.036	35.240	33.204	-12.796	46.000	QUASIPeAK
6		796.320	1.160	32.510	33.670	-12.330	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:07
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2437MHz)



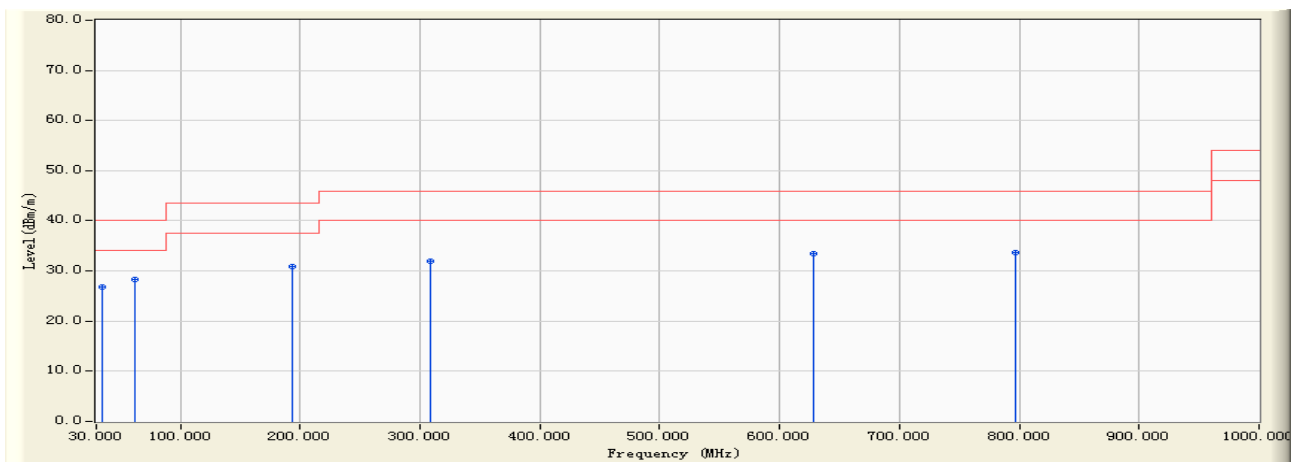
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.870	-15.485	45.620	30.135	-13.365	43.500	QUASIPeAK
2		296.570	-11.016	48.350	37.334	-8.666	46.000	QUASIPeAK
3	*	325.610	-10.052	48.530	38.478	-7.522	46.000	QUASIPeAK
4		483.520	-5.193	39.050	33.857	-12.143	46.000	QUASIPeAK
5		501.540	-4.778	39.570	34.792	-11.208	46.000	QUASIPeAK
6		625.330	-2.098	35.500	33.402	-12.598	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:08
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2437MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		35.560	-8.120	35.010	26.891	-13.109	40.000	QUASIPeAK
2	*	62.580	-19.938	48.350	28.412	-11.588	40.000	QUASIPeAK
3		193.540	-15.530	46.510	30.980	-12.520	43.500	QUASIPeAK
4		308.590	-10.590	42.570	31.980	-14.020	46.000	QUASIPeAK
5		628.570	-2.037	35.430	33.393	-12.607	46.000	QUASIPeAK
6		796.590	1.159	32.480	33.639	-12.361	46.000	QUASIPeAK

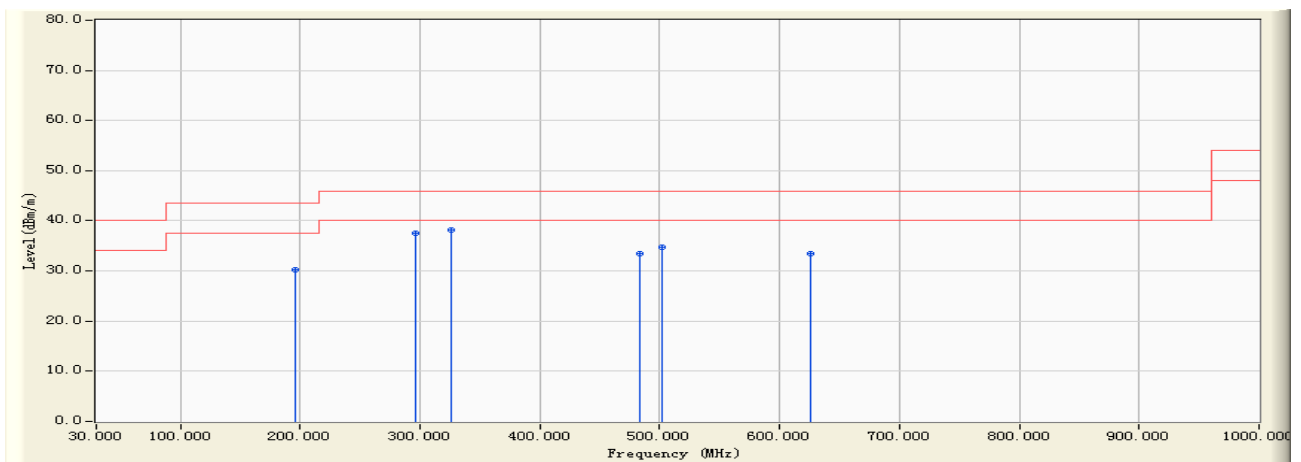
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:09
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2462MHz)



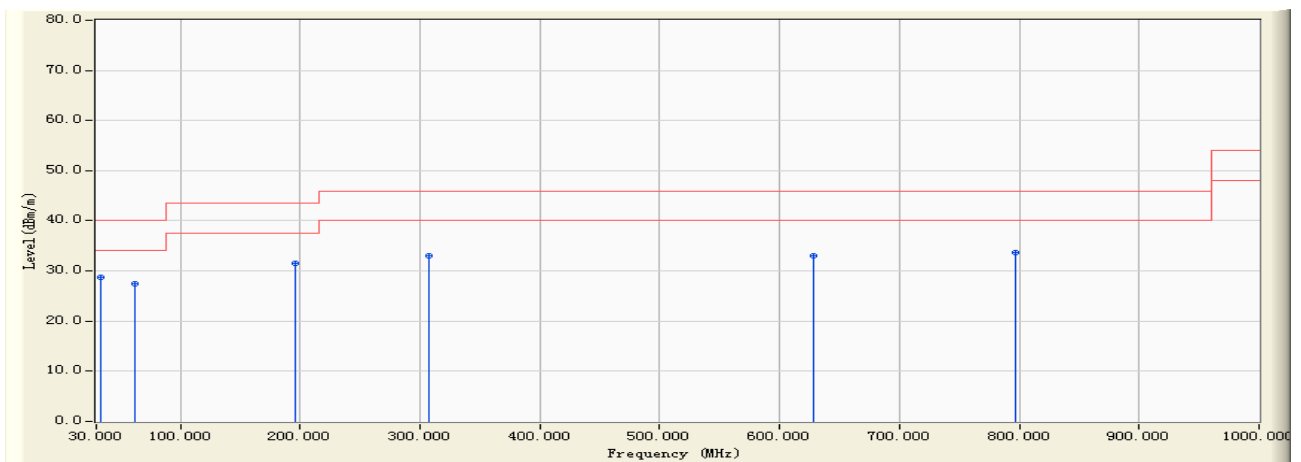
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.840	-15.486	45.630	30.144	-13.356	43.500	QUASIPeAK
2		296.540	-11.017	48.510	37.493	-8.507	46.000	QUASIPeAK
3	*	325.610	-10.052	48.330	38.278	-7.722	46.000	QUASIPeAK
4		483.590	-5.193	38.670	33.477	-12.523	46.000	QUASIPeAK
5		501.650	-4.776	39.580	34.805	-11.195	46.000	QUASIPeAK
6		625.340	-2.098	35.640	33.542	-12.458	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:09
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2462MHz)



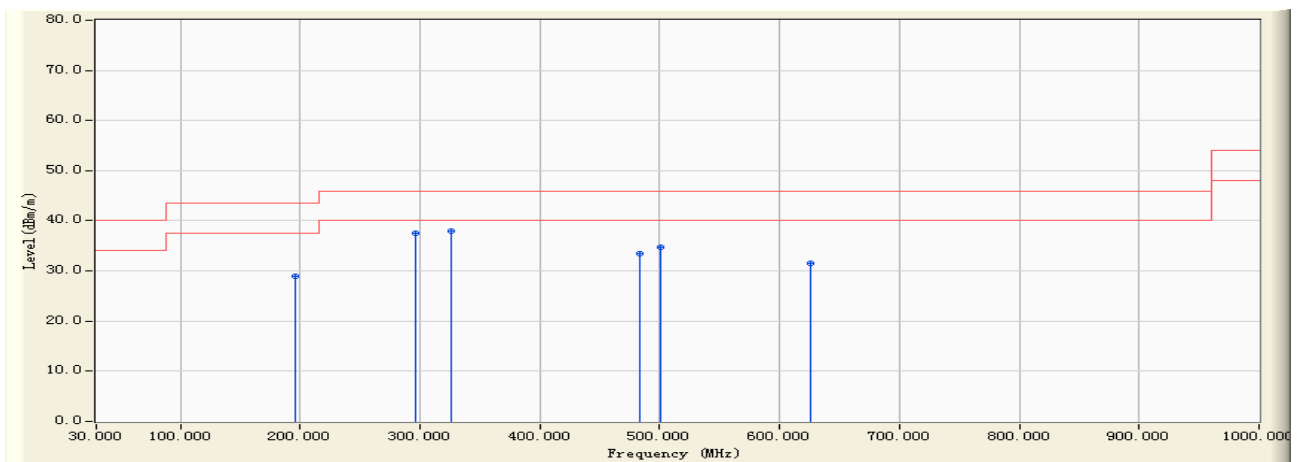
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	33.560	-7.086	35.890	28.804	-11.196	40.000	QUASIPeAK
2		62.580	-19.938	47.360	27.422	-12.578	40.000	QUASIPeAK
3		195.620	-15.491	47.010	31.519	-11.981	43.500	QUASIPeAK
4		307.580	-10.635	43.560	32.925	-13.075	46.000	QUASIPeAK
5		628.950	-2.025	35.160	33.135	-12.865	46.000	QUASIPeAK
6		796.320	1.160	32.410	33.570	-12.430	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:10
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2422MHz)



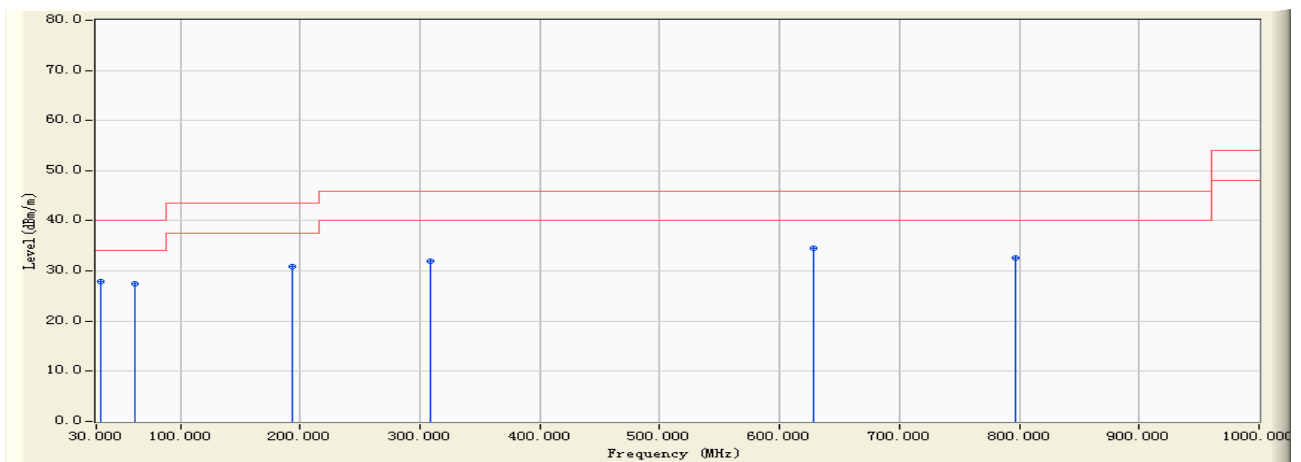
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.840	-15.486	44.370	28.884	-14.616	43.500	QUASIPeAK
2		296.530	-11.018	48.520	37.502	-8.498	46.000	QUASIPeAK
3	*	325.610	-10.052	48.010	37.958	-8.042	46.000	QUASIPeAK
4		483.540	-5.194	38.670	33.477	-12.523	46.000	QUASIPeAK
5		501.260	-4.785	39.580	34.795	-11.205	46.000	QUASIPeAK
6		625.330	-2.098	33.580	31.482	-14.518	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:11
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2422MHz)



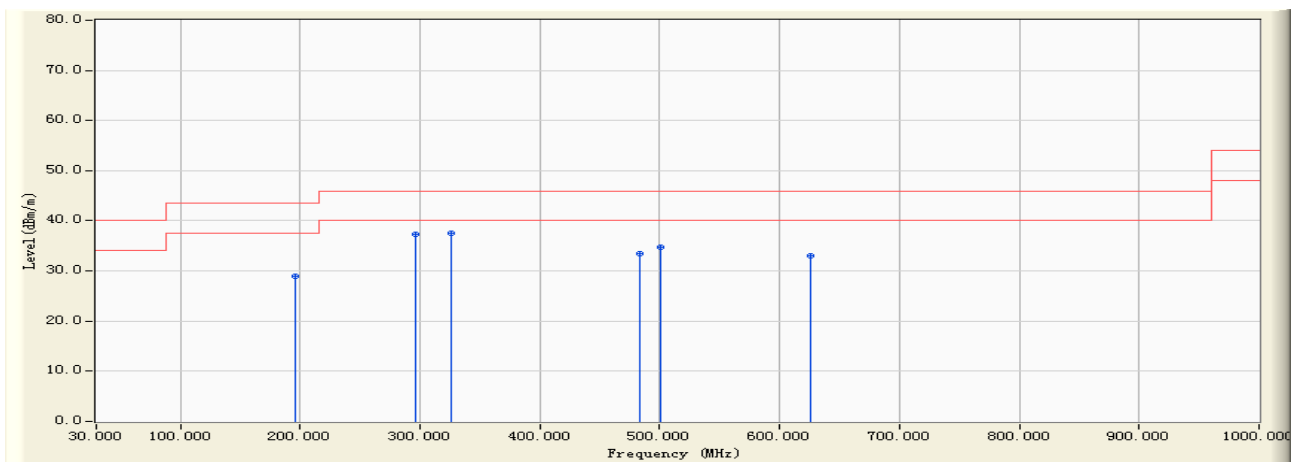
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		33.560	-7.086	35.010	27.924	-12.076	40.000	QUASIPeAK
2		62.590	-19.936	47.340	27.404	-12.596	40.000	QUASIPeAK
3		193.580	-15.529	46.320	30.790	-12.710	43.500	QUASIPeAK
4		308.530	-10.591	42.580	31.989	-14.011	46.000	QUASIPeAK
5	*	628.340	-2.046	36.570	34.525	-11.475	46.000	QUASIPeAK
6		796.350	1.160	31.480	32.640	-13.360	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:12
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2437MHz)



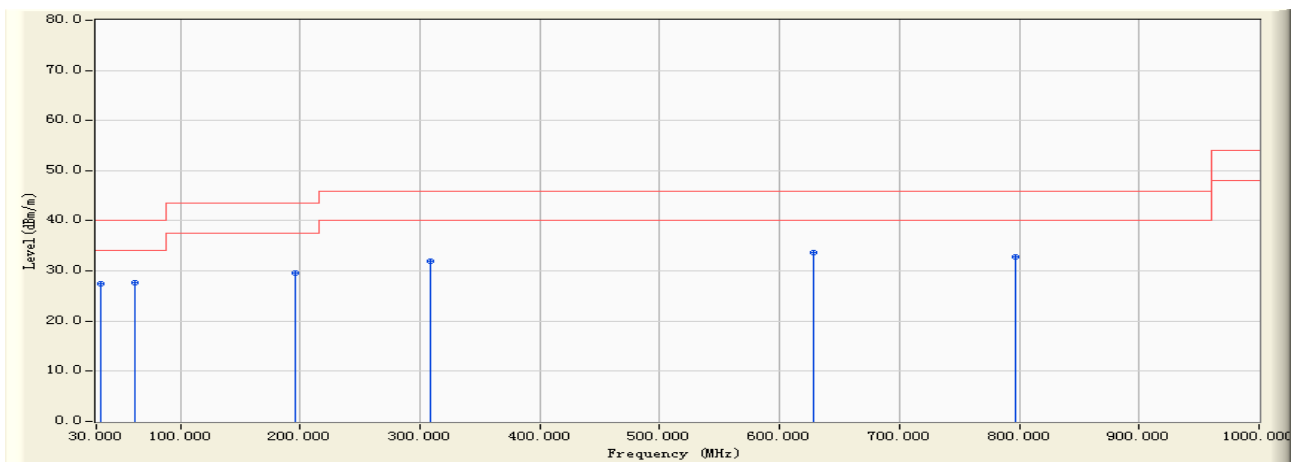
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.480	-15.494	44.360	28.866	-14.634	43.500	QUASIPeAK
2		296.570	-11.016	48.320	37.304	-8.696	46.000	QUASIPeAK
3	*	325.610	-10.052	47.530	37.478	-8.522	46.000	QUASIPeAK
4		483.590	-5.193	38.620	33.427	-12.573	46.000	QUASIPeAK
5		501.240	-4.785	39.570	34.785	-11.215	46.000	QUASIPeAK
6		625.330	-2.098	35.060	32.962	-13.038	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:12
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2437MHz)



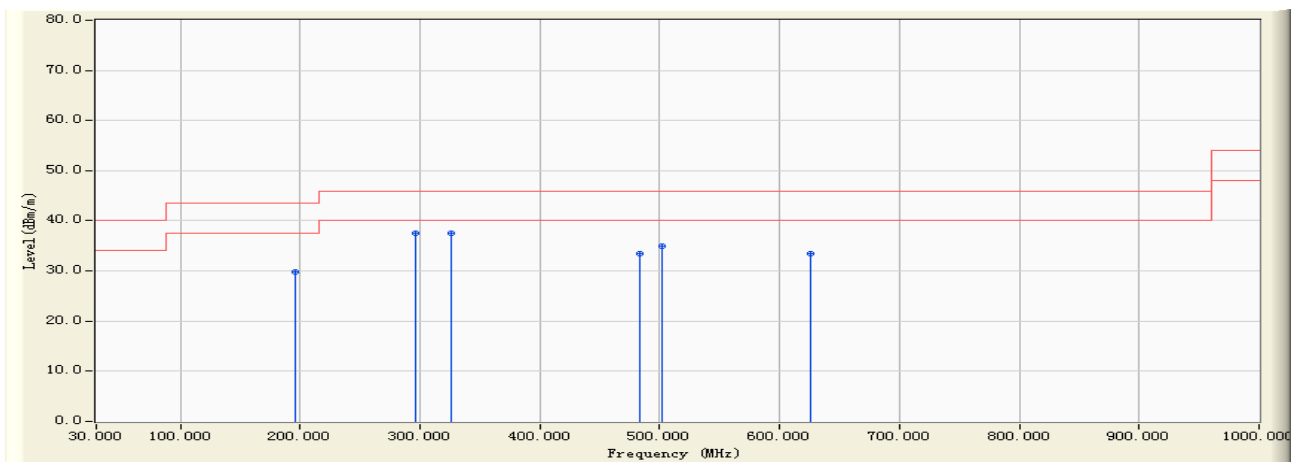
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		33.580	-7.096	34.590	27.494	-12.506	40.000	QUASIPeAK
2	*	62.540	-19.945	47.630	27.685	-12.315	40.000	QUASIPeAK
3		195.840	-15.486	45.190	29.704	-13.796	43.500	QUASIPeAK
4		308.590	-10.590	42.510	31.920	-14.080	46.000	QUASIPeAK
5		628.560	-2.037	35.610	33.573	-12.427	46.000	QUASIPeAK
6		796.320	1.160	31.590	32.750	-13.250	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:13
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2452MHz)



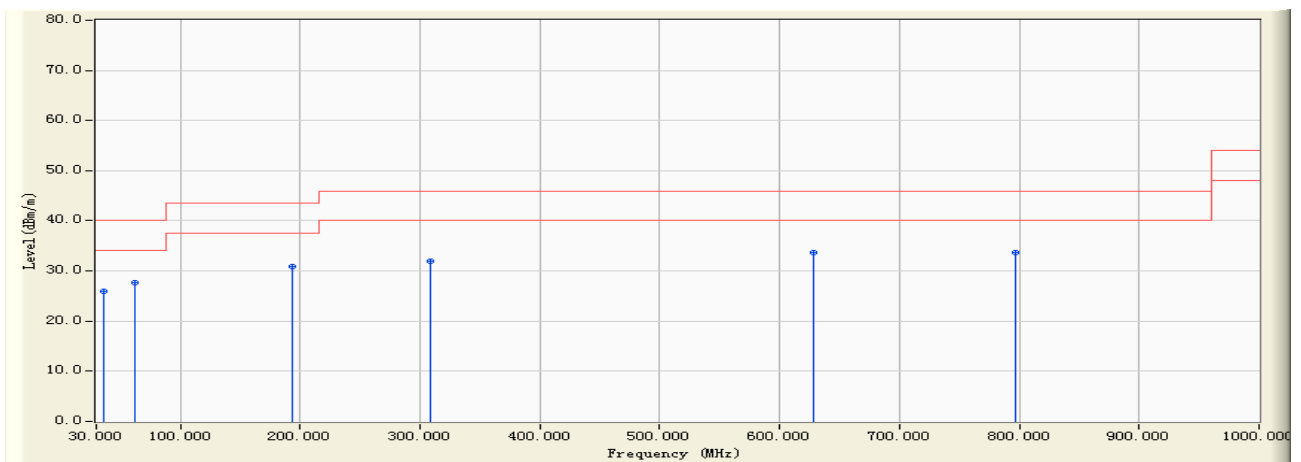
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.680	-15.490	45.210	29.721	-13.779	43.500	QUASIPeAK
2	*	296.570	-11.016	48.650	37.634	-8.366	46.000	QUASIPeAK
3		325.650	-10.053	47.510	37.457	-8.543	46.000	QUASIPeAK
4		483.570	-5.193	38.650	33.457	-12.543	46.000	QUASIPeAK
5		501.540	-4.778	39.670	34.892	-11.108	46.000	QUASIPeAK
6		625.980	-2.094	35.600	33.506	-12.494	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:14
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2452MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		35.640	-8.161	34.160	25.999	-14.001	40.000	QUASIPeAK
2		62.590	-19.936	47.510	27.574	-12.426	40.000	QUASIPeAK
3		193.650	-15.529	46.510	30.981	-12.519	43.500	QUASIPeAK
4		308.570	-10.590	42.580	31.990	-14.010	46.000	QUASIPeAK
5		628.590	-2.036	35.610	33.574	-12.426	46.000	QUASIPeAK
6	*	796.520	1.160	32.570	33.729	-12.271	46.000	QUASIPeAK

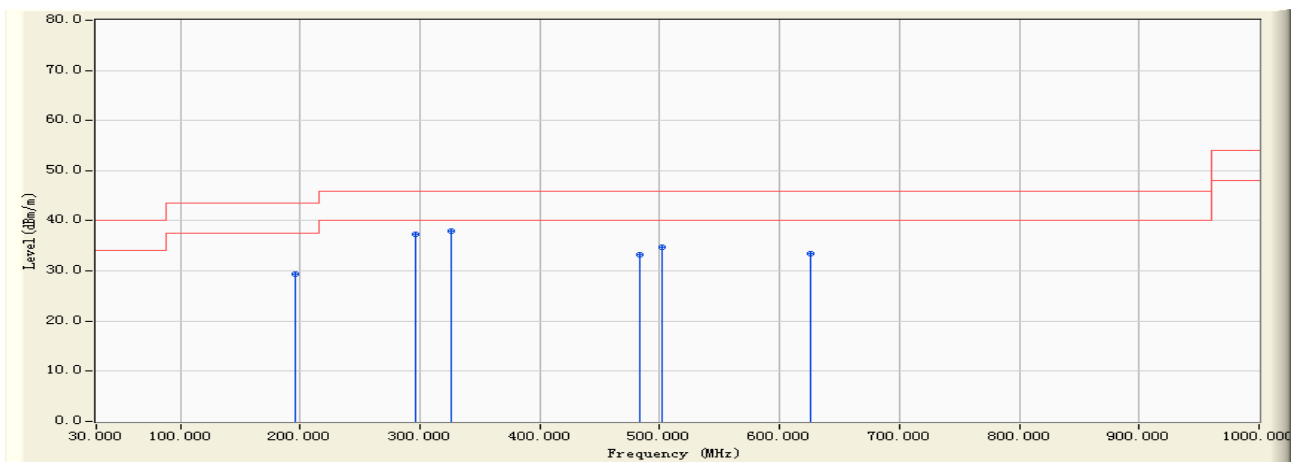
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:16
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



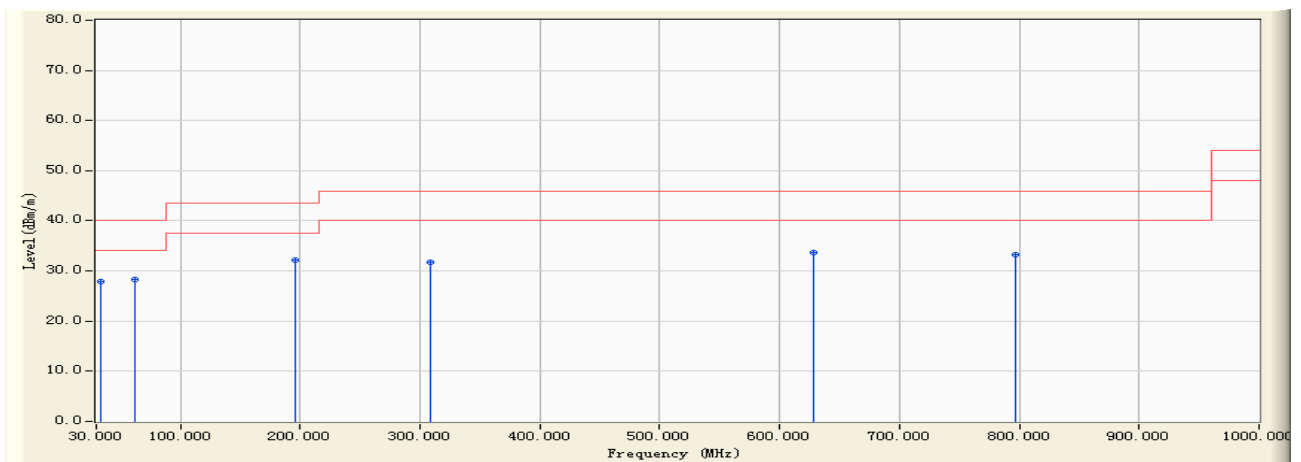
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		196.530	-15.476	44.890	29.414	-14.086	43.500	QUASIPeAK
2		296.540	-11.017	48.330	37.313	-8.687	46.000	QUASIPeAK
3	*	325.610	-10.052	48.020	37.968	-8.032	46.000	QUASIPeAK
4		483.590	-5.193	38.480	33.287	-12.713	46.000	QUASIPeAK
5		501.630	-4.776	39.520	34.744	-11.256	46.000	QUASIPeAK
6		625.370	-2.098	35.610	33.512	-12.488	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:16
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



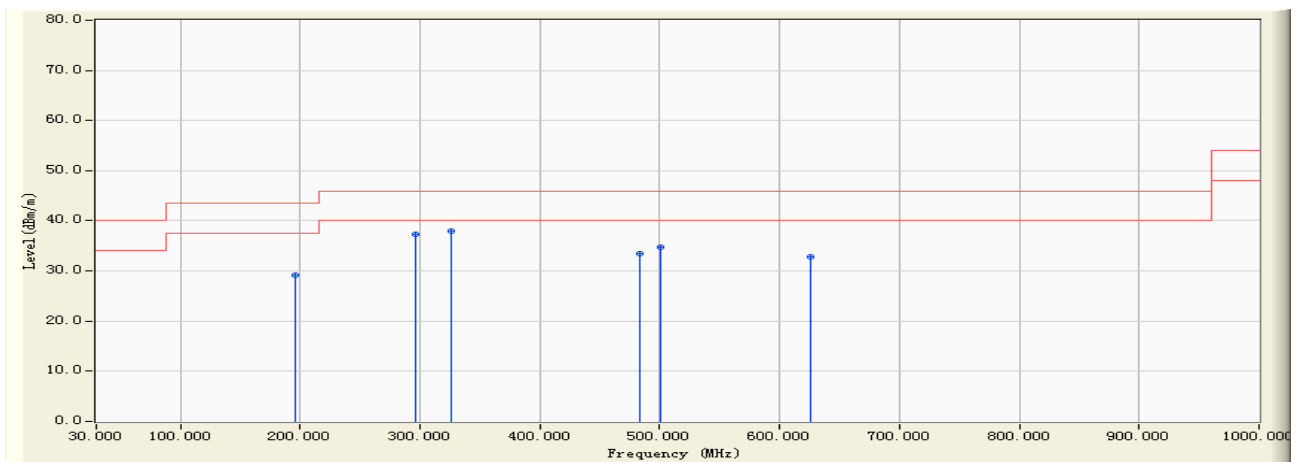
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		33.560	-7.086	35.060	27.974	-12.026	40.000	QUASIPeAK
2		62.590	-19.936	48.310	28.374	-11.626	40.000	QUASIPeAK
3	*	195.630	-15.490	47.620	32.130	-11.370	43.500	QUASIPeAK
4		308.540	-10.591	42.350	31.759	-14.241	46.000	QUASIPeAK
5		628.590	-2.036	35.610	33.574	-12.426	46.000	QUASIPeAK
6		796.330	1.160	32.050	33.210	-12.790	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:17
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)



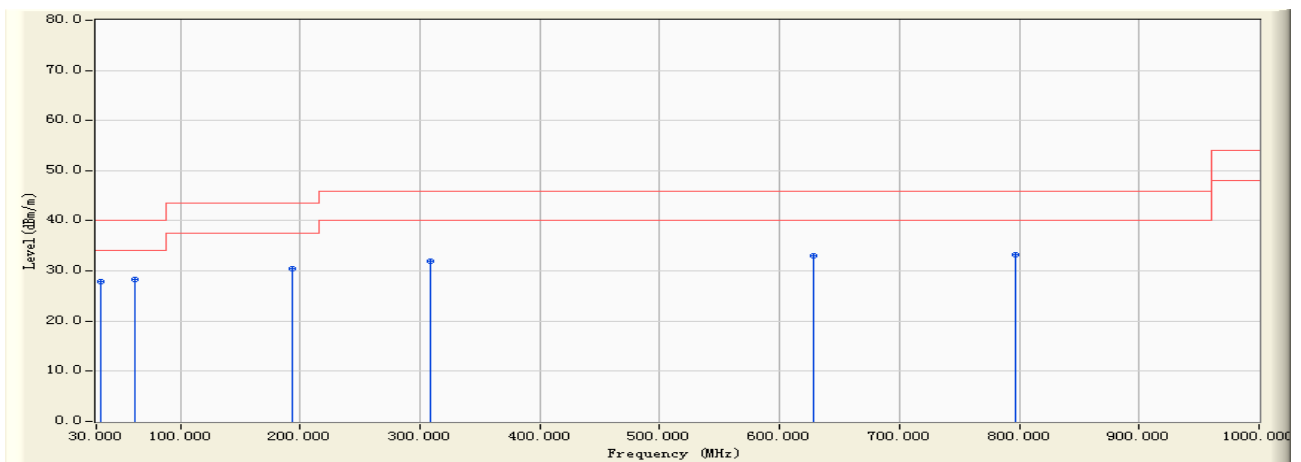
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.630	-15.490	44.580	29.090	-14.410	43.500	QUASIPeAK
2		296.570	-11.016	48.350	37.334	-8.666	46.000	QUASIPeAK
3	*	325.630	-10.053	48.010	37.958	-8.042	46.000	QUASIPeAK
4		483.690	-5.192	38.620	33.428	-12.572	46.000	QUASIPeAK
5		501.260	-4.785	39.540	34.755	-11.245	46.000	QUASIPeAK
6		625.310	-2.098	35.010	32.912	-13.088	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:18
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)



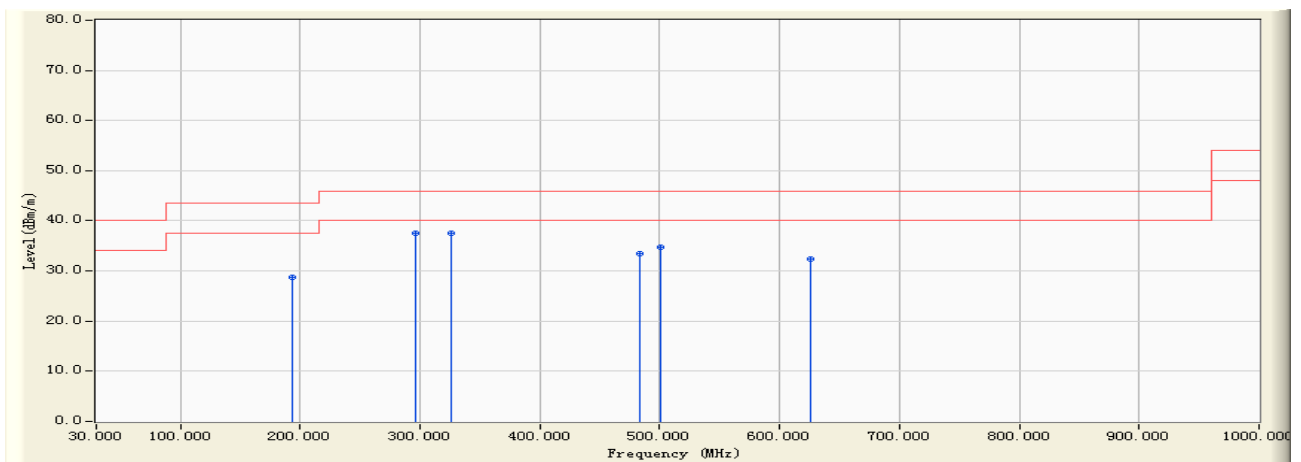
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		33.580	-7.096	35.010	27.914	-12.086	40.000	QUASIPeAK
2	*	62.530	-19.947	48.160	28.214	-11.786	40.000	QUASIPeAK
3		193.520	-15.531	46.010	30.480	-13.020	43.500	QUASIPeAK
4		308.590	-10.590	42.500	31.910	-14.090	46.000	QUASIPeAK
5		628.540	-2.037	35.120	33.082	-12.918	46.000	QUASIPeAK
6		796.320	1.160	32.050	33.210	-12.790	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:19
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



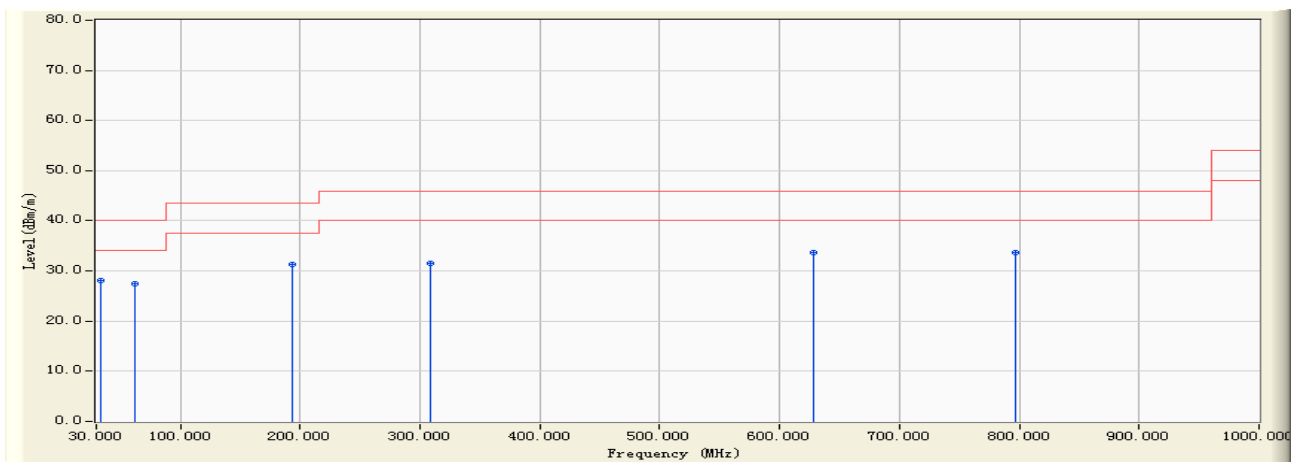
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		193.580	-15.529	44.370	28.840	-14.660	43.500	QUASIPeAK
2	*	296.350	-11.027	48.570	37.543	-8.457	46.000	QUASIPeAK
3		325.690	-10.053	47.520	37.467	-8.533	46.000	QUASIPeAK
4		483.590	-5.193	38.640	33.447	-12.553	46.000	QUASIPeAK
5		501.350	-4.783	39.620	34.837	-11.163	46.000	QUASIPeAK
6		625.340	-2.098	34.520	32.422	-13.578	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:20
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



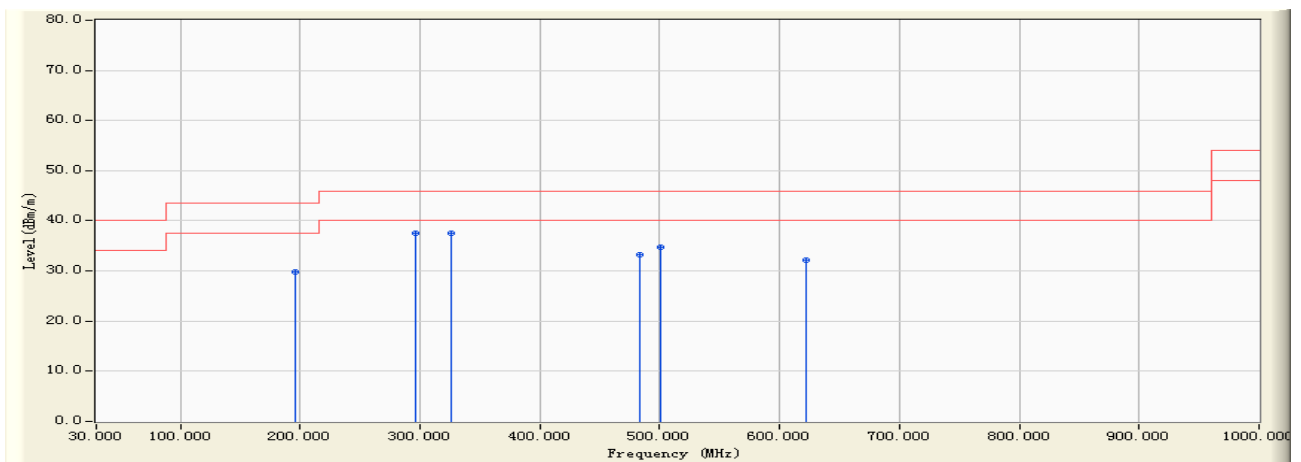
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	33.690	-7.151	35.210	28.059	-11.941	40.000	QUASIPeAK
2		62.590	-19.936	47.340	27.404	-12.596	40.000	QUASIPeAK
3		193.560	-15.529	46.810	31.280	-12.220	43.500	QUASIPeAK
4		308.530	-10.591	42.150	31.559	-14.441	46.000	QUASIPeAK
5		628.940	-2.025	35.610	33.584	-12.416	46.000	QUASIPeAK
6		796.350	1.160	32.570	33.730	-12.270	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 11:21
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



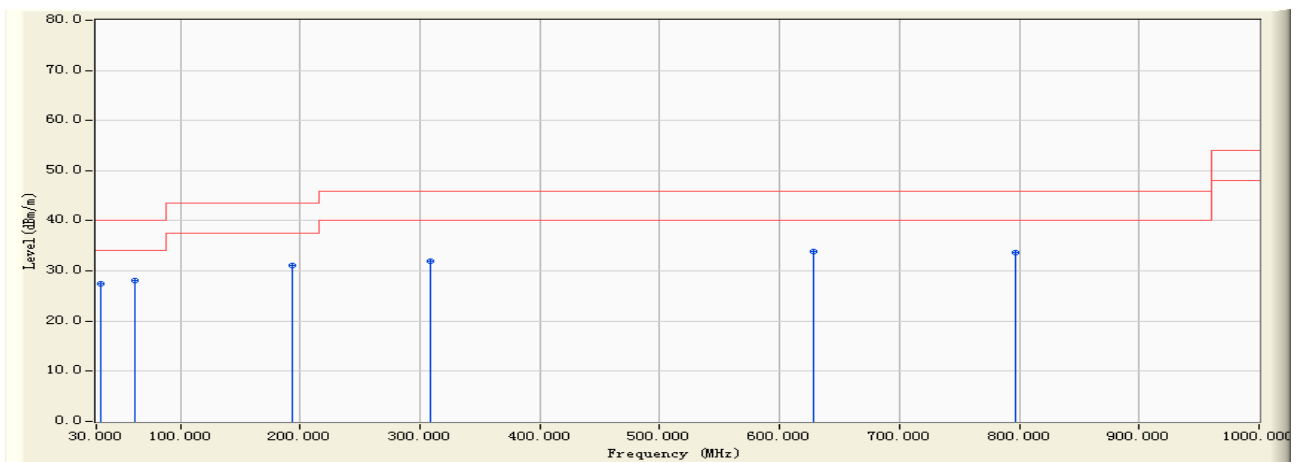
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		196.370	-15.480	45.320	29.840	-13.660	43.500	QUASIPeAK
2	*	296.560	-11.016	48.510	37.494	-8.506	46.000	QUASIPeAK
3		325.640	-10.052	47.520	37.467	-8.533	46.000	QUASIPeAK
4		483.620	-5.192	38.540	33.348	-12.652	46.000	QUASIPeAK
5		500.230	-4.809	39.520	34.711	-11.289	46.000	QUASIPeAK
6		622.650	-2.137	34.260	32.123	-13.877	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 14:44
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		33.640	-7.126	34.590	27.464	-12.536	40.000	QUASIPeAK
2	*	62.580	-19.938	48.020	28.082	-11.918	40.000	QUASIPeAK
3		193.650	-15.529	46.530	31.001	-12.499	43.500	QUASIPeAK
4		308.540	-10.591	42.590	31.999	-14.001	46.000	QUASIPeAK
5		628.570	-2.037	35.870	33.833	-12.167	46.000	QUASIPeAK
6		796.350	1.160	32.510	33.670	-12.330	46.000	QUASIPeAK

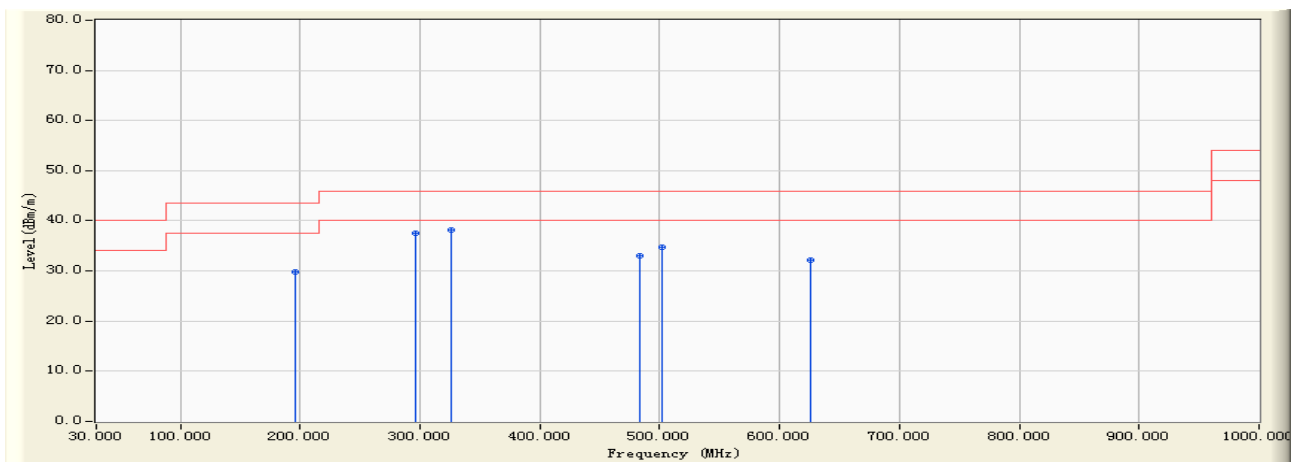
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 14:45
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)



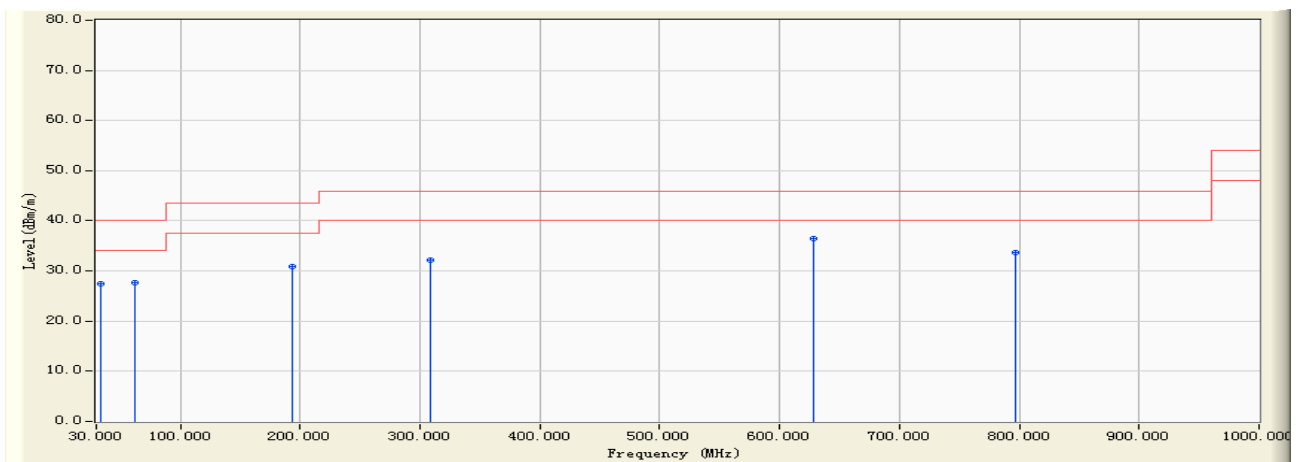
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.670	-15.489	45.310	29.820	-13.680	43.500	QUASIPeAK
2		296.310	-11.029	48.560	37.531	-8.469	46.000	QUASIPeAK
3	*	325.640	-10.052	48.330	38.277	-7.723	46.000	QUASIPeAK
4		483.250	-5.196	38.200	33.004	-12.996	46.000	QUASIPeAK
5		501.480	-4.779	39.560	34.781	-11.219	46.000	QUASIPeAK
6		625.330	-2.098	34.270	32.172	-13.828	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 14:46
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)



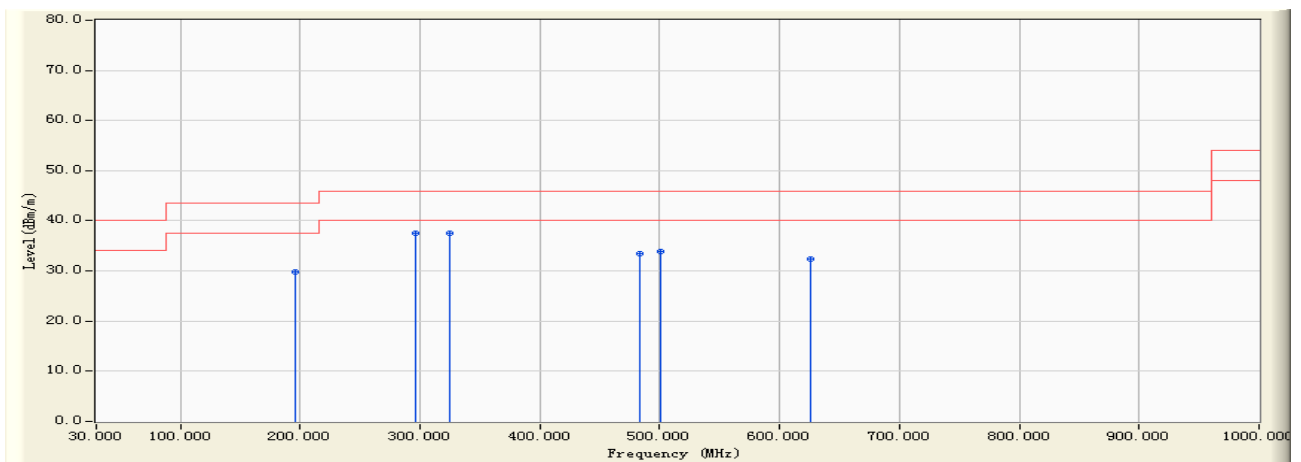
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		33.540	-7.076	34.580	27.504	-12.496	40.000	QUASPEAK
2		62.360	-19.974	47.590	27.616	-12.384	40.000	QUASPEAK
3		193.570	-15.529	46.520	30.990	-12.510	43.500	QUASPEAK
4		308.590	-10.590	42.660	32.070	-13.930	46.000	QUASPEAK
5	*	628.350	-2.044	38.540	36.495	-9.505	46.000	QUASPEAK
6		796.320	1.160	32.570	33.730	-12.270	46.000	QUASPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 14:47
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



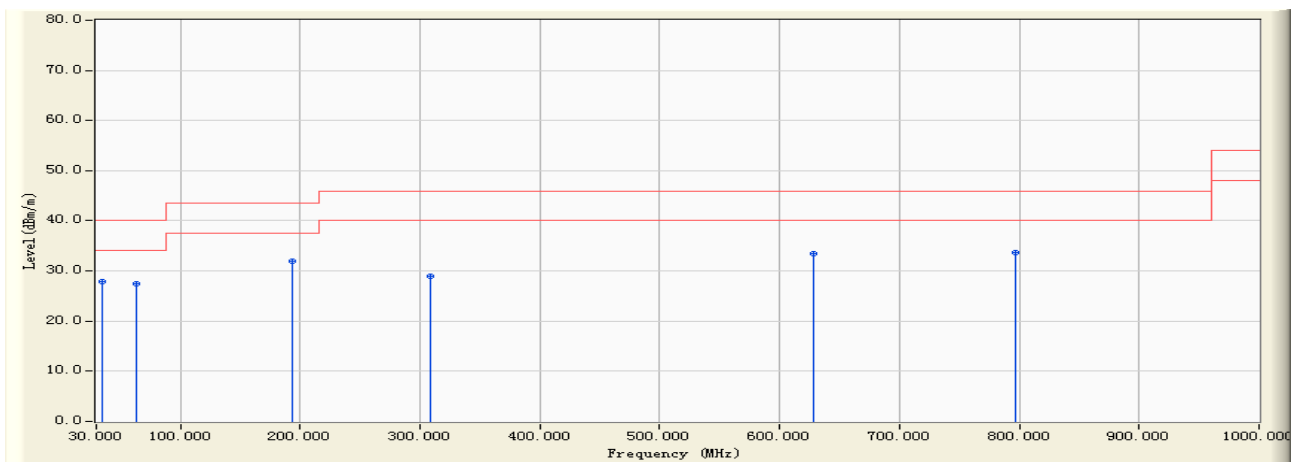
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		195.660	-15.489	45.370	29.880	-13.620	43.500	QUASIPeAK
2	*	296.360	-11.026	48.530	37.503	-8.497	46.000	QUASIPeAK
3		325.250	-10.048	47.520	37.472	-8.528	46.000	QUASIPeAK
4		483.520	-5.193	38.560	33.367	-12.633	46.000	QUASIPeAK
5		501.350	-4.783	38.630	33.847	-12.153	46.000	QUASIPeAK
6		625.310	-2.098	34.520	32.422	-13.578	46.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC102	Time : 2010/09/28 - 14:48
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		34.560	-7.597	35.520	27.923	-12.077	40.000	QUASIPeAK
2		62.870	-19.855	47.350	27.495	-12.505	40.000	QUASIPeAK
3	*	193.520	-15.531	47.560	32.030	-11.470	43.500	QUASIPeAK
4		308.510	-10.591	39.520	28.928	-17.072	46.000	QUASIPeAK
5		628.510	-2.039	35.460	33.421	-12.579	46.000	QUASIPeAK
6		796.330	1.160	32.580	33.740	-12.260	46.000	QUASIPeAK

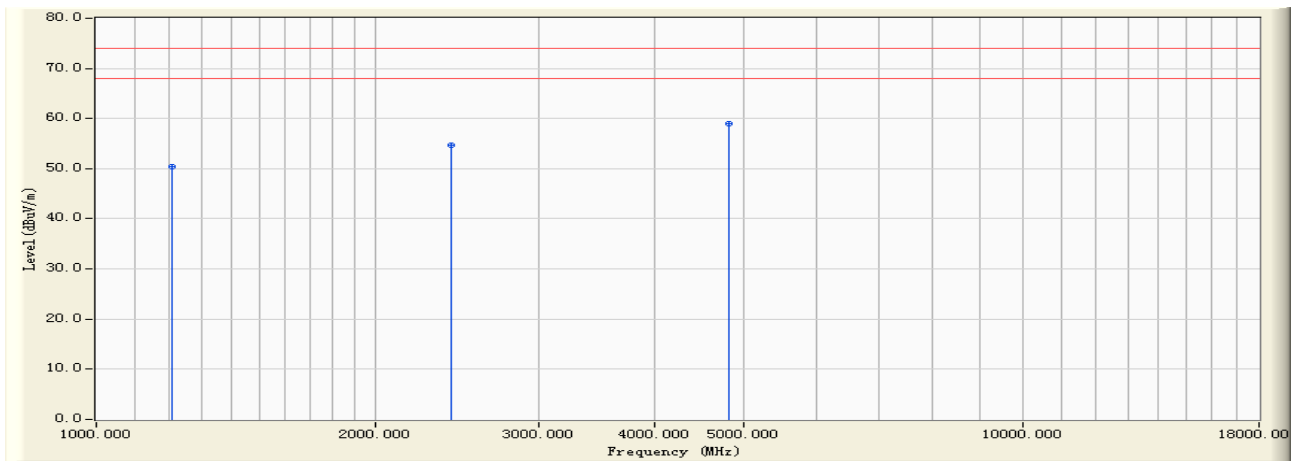
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Above 1GHz:



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 21:51
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)



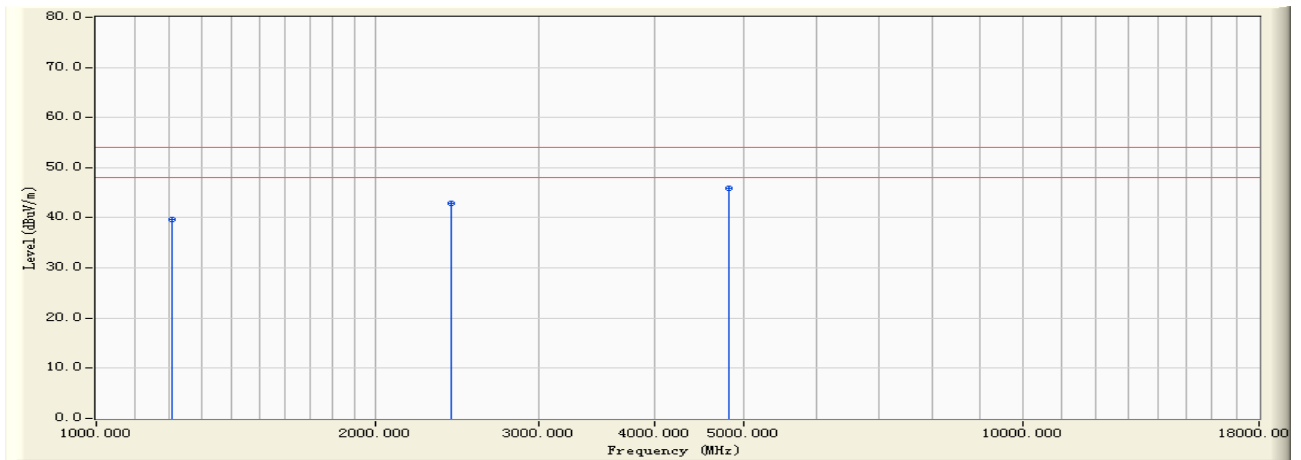
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1208.650	-5.871	56.250	50.380	-23.620	74.000	PEAK
2		2412.050	0.428	54.280	54.709	-19.291	74.000	PEAK
3	*	4825.370	7.350	51.690	59.041	-14.959	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 21:51
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)



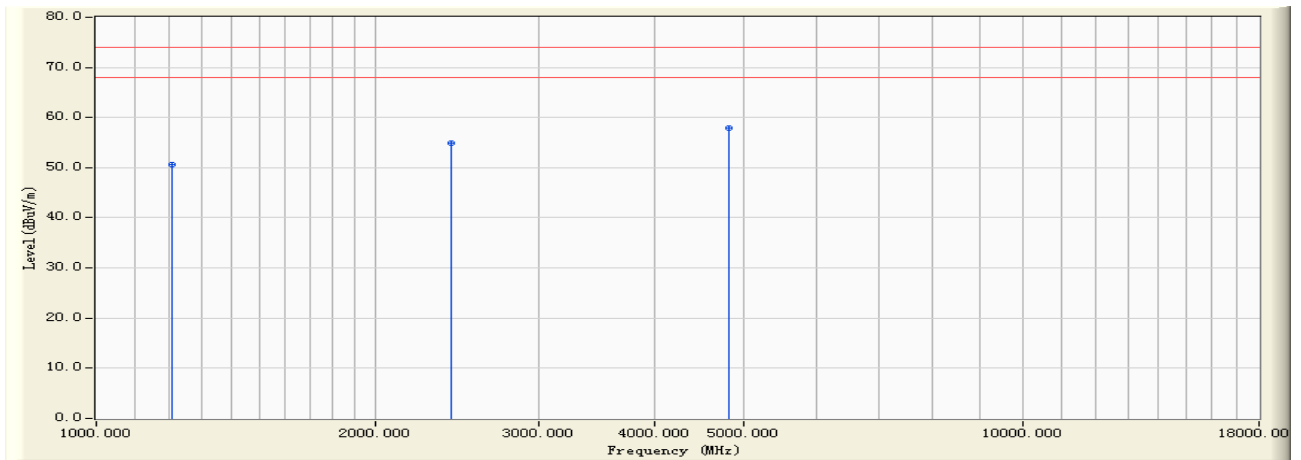
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1208.650	-5.871	45.590	39.720	-14.280	54.000	AVERAGE
2		2412.050	0.428	42.570	42.999	-11.001	54.000	AVERAGE
3	*	4825.370	7.350	38.560	45.911	-8.089	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 21:52
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)



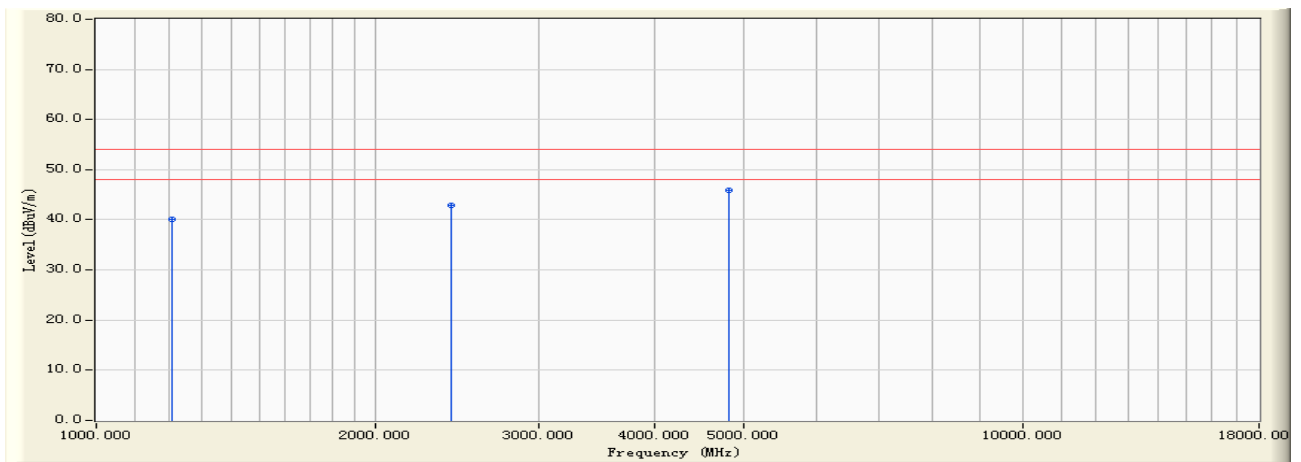
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.680	-5.880	56.520	50.640	-23.360	74.000	PEAK
2		2412.170	0.429	54.390	54.819	-19.181	74.000	PEAK
3	*	4825.670	7.352	50.620	57.971	-16.029	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 21:52
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.680	-5.880	45.950	40.070	-13.930	54.000	AVERAGE
2		2412.170	0.429	42.510	42.939	-11.061	54.000	AVERAGE
3	*	4825.670	7.352	38.630	45.981	-8.019	54.000	AVERAGE

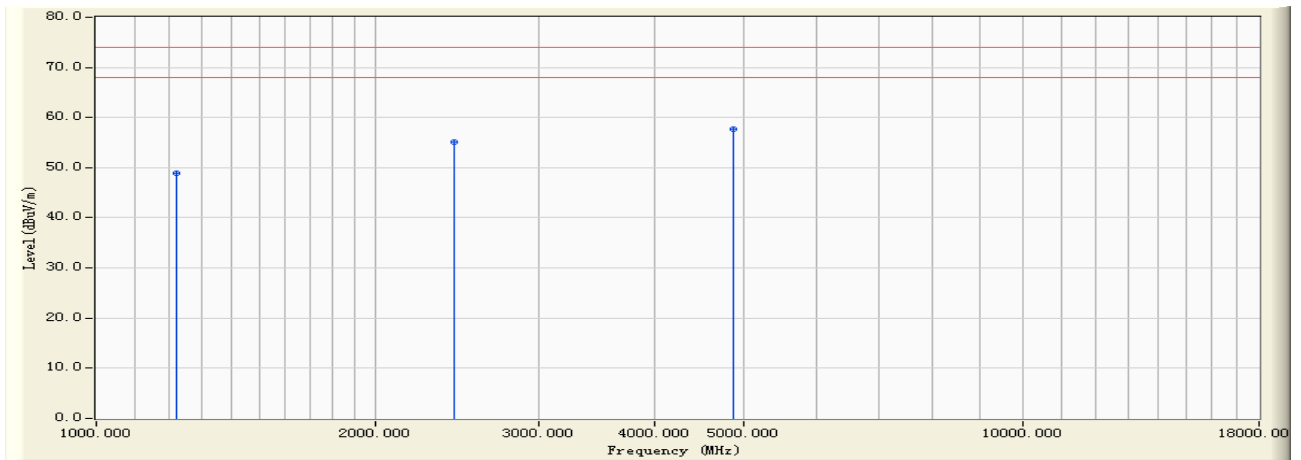
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 21:54
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)



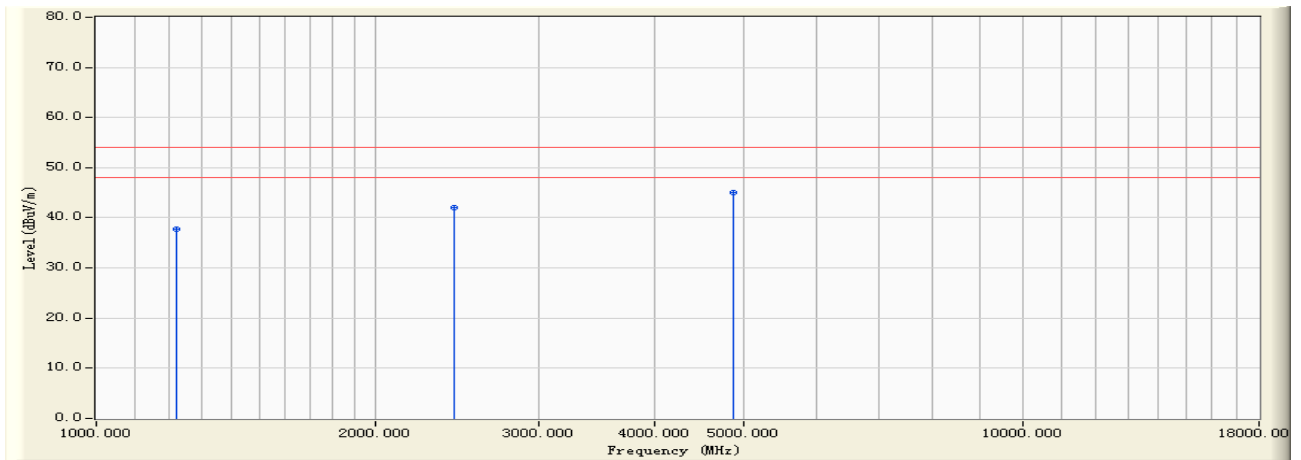
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1220.580	-5.745	54.590	48.844	-25.156	74.000	PEAK
2	2437.060	0.509	54.680	55.189	-18.811	74.000	PEAK
3	* 4875.190	7.459	50.170	57.629	-16.371	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 21:54
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)



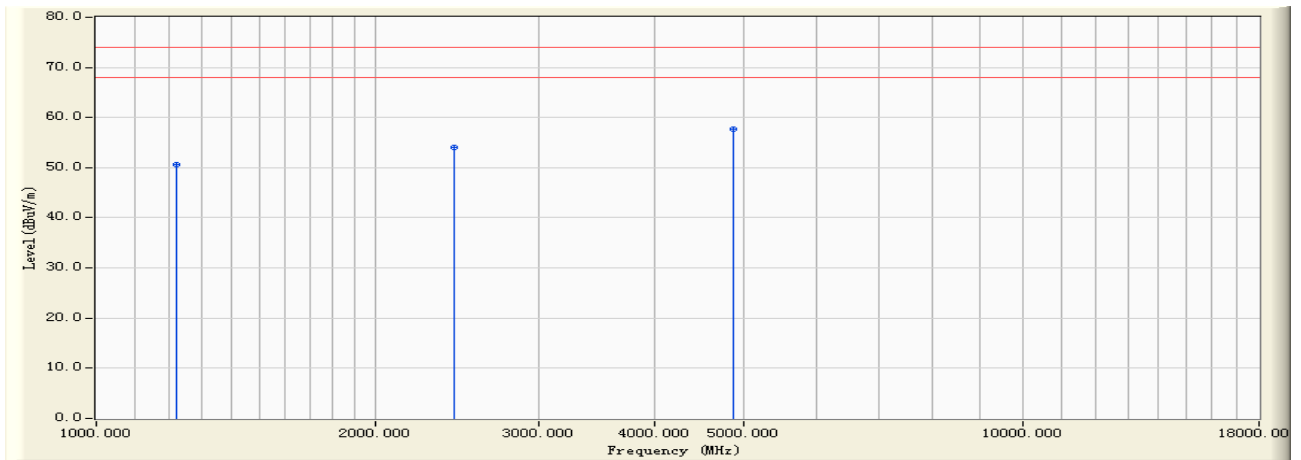
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.580	-5.745	43.570	37.824	-16.176	54.000	AVERAGE
2		2437.060	0.509	41.590	42.099	-11.901	54.000	AVERAGE
3	*	4875.190	7.459	37.560	45.019	-8.981	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 21:55
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)



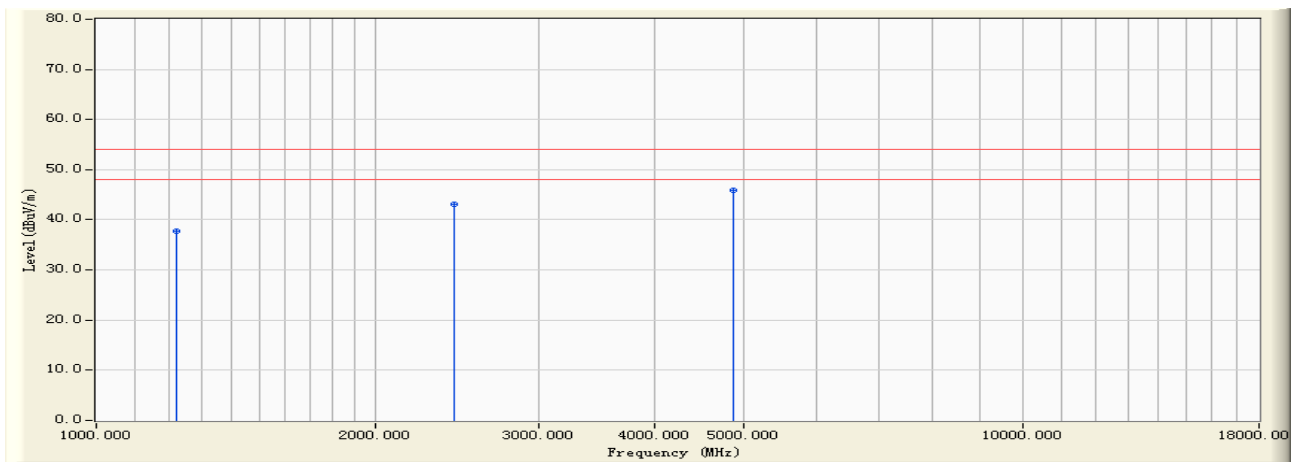
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.350	-5.759	56.280	50.522	-23.478	74.000	PEAK
2		2437.060	0.509	53.570	54.079	-19.921	74.000	PEAK
3	*	4875.600	7.460	50.200	57.660	-16.340	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 21:55
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)



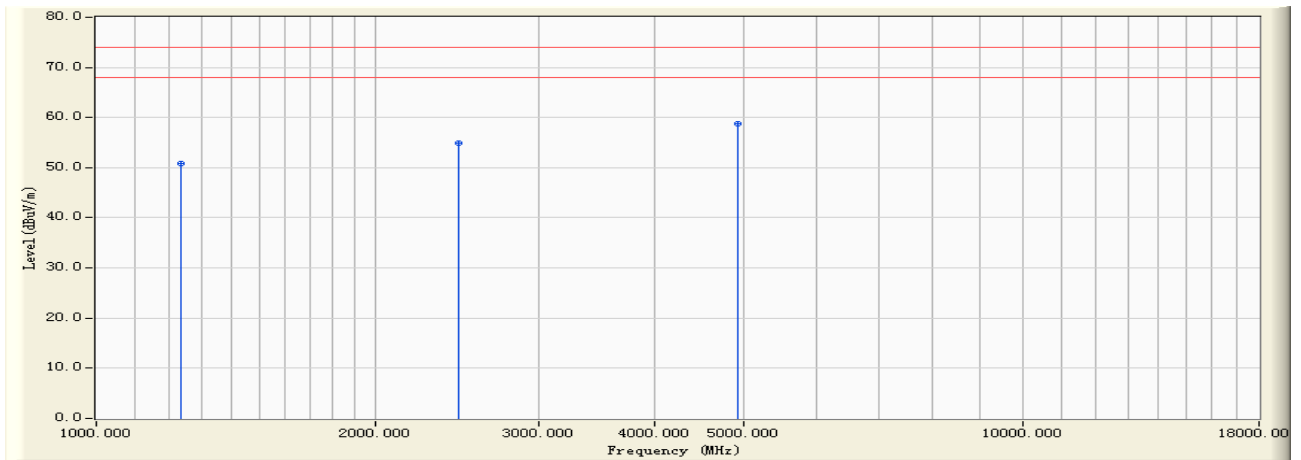
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1219.350	-5.759	43.580	37.822	-16.178	54.000	AVERAGE
2	2437.060	0.509	42.640	43.149	-10.851	54.000	AVERAGE
3	* 4875.600	7.460	38.540	46.000	-8.000	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 21:56
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)



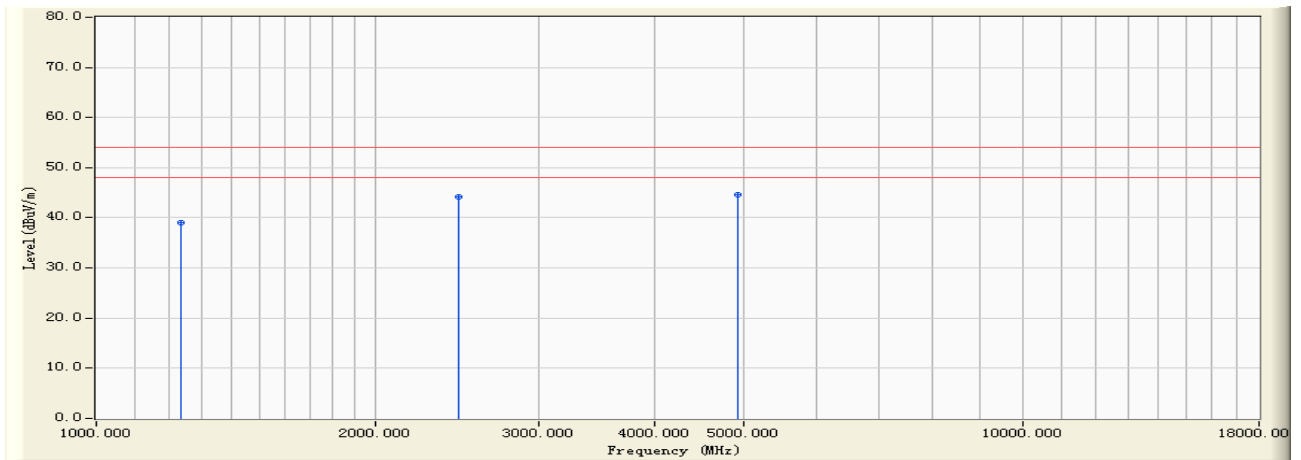
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1234.680	-5.588	56.520	50.932	-23.068	74.000	PEAK
2		2462.150	0.600	54.370	54.970	-19.030	74.000	PEAK
3	*	4925.380	7.567	51.280	58.847	-15.153	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 21:56
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)



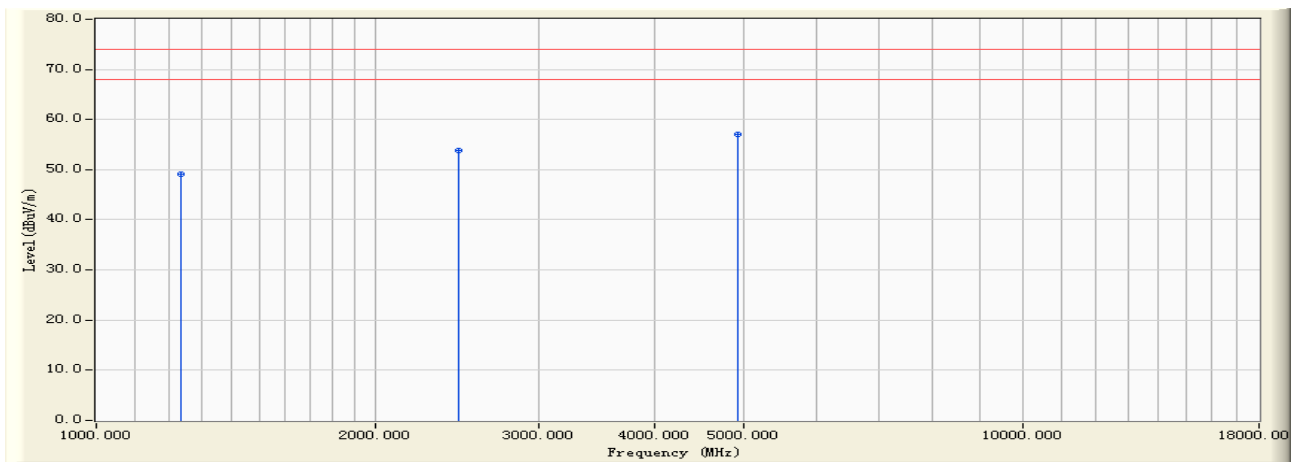
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1234.680	-5.588	44.630	39.042	-14.958	54.000	AVERAGE
2		2462.150	0.600	43.573	44.173	-9.827	54.000	AVERAGE
3	*	4925.380	7.567	37.070	44.637	-9.363	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 21:58
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)



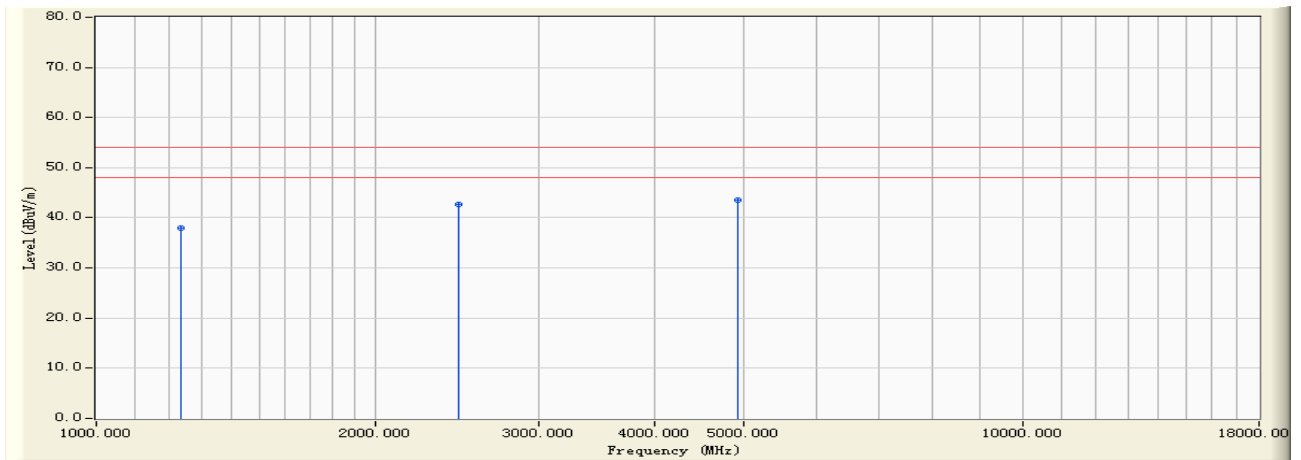
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1233.540	-5.601	54.680	49.079	-24.921	74.000	PEAK
2		2462.030	0.600	53.270	53.870	-20.130	74.000	PEAK
3	*	4926.330	7.570	49.530	57.100	-16.900	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 21:58
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1233.540	-5.601	43.570	37.969	-16.031	54.000	AVERAGE
2		2462.030	0.600	42.150	42.750	-11.250	54.000	AVERAGE
3	*	4926.330	7.570	36.050	43.620	-10.380	54.000	AVERAGE

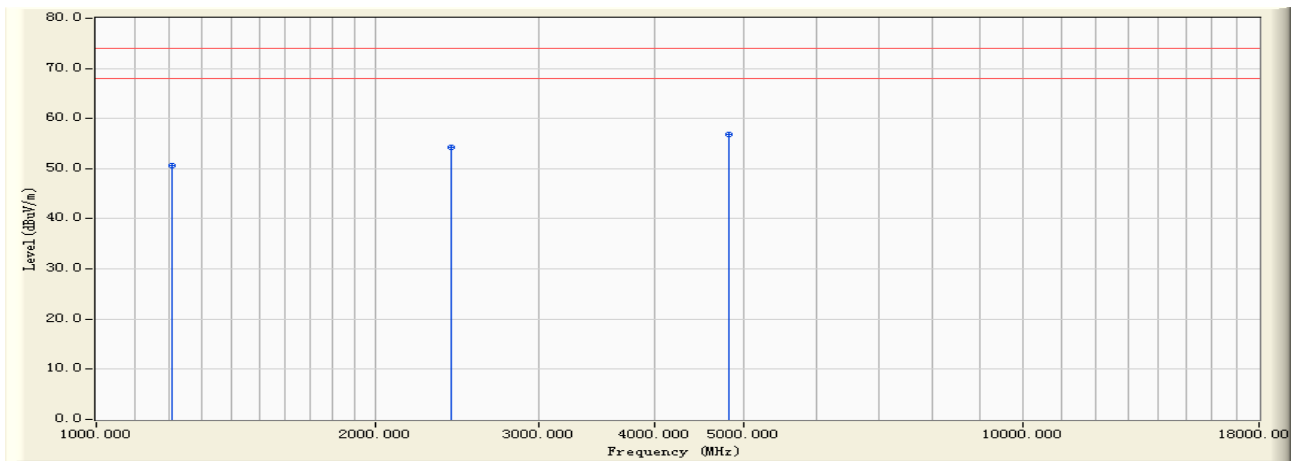
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:04
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Trnasmit by 802.11g (An0) (2412MHz)



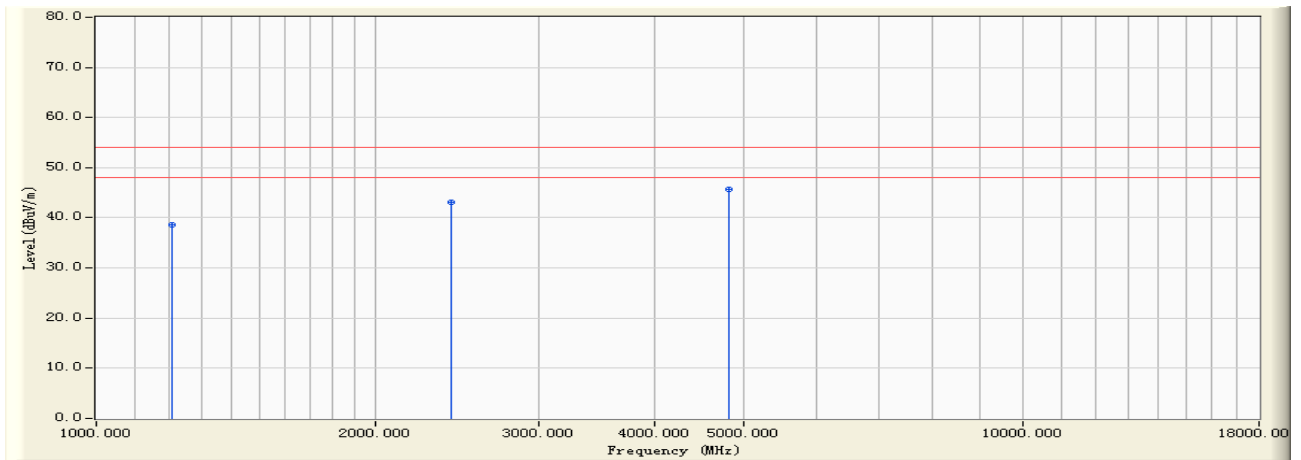
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.540	-5.882	56.520	50.638	-23.362	74.000	PEAK
2		2412.370	0.429	53.840	54.270	-19.730	74.000	PEAK
3	*	4825.160	7.350	49.580	56.930	-17.070	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:04
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Trnasmit by 802.11g (An0) (2412MHz)



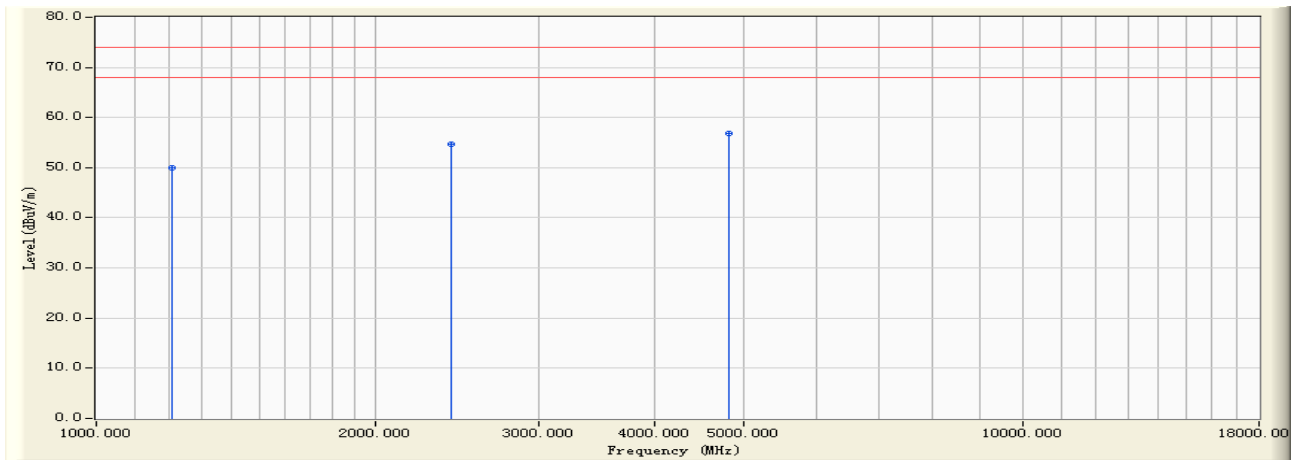
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.540	-5.882	44.580	38.698	-15.302	54.000	AVERAGE
2		2412.370	0.429	42.590	43.020	-10.980	54.000	AVERAGE
3	*	4825.160	7.350	38.320	45.670	-8.330	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:06
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Trnasmit by 802.11g (An0) (2412MHz)



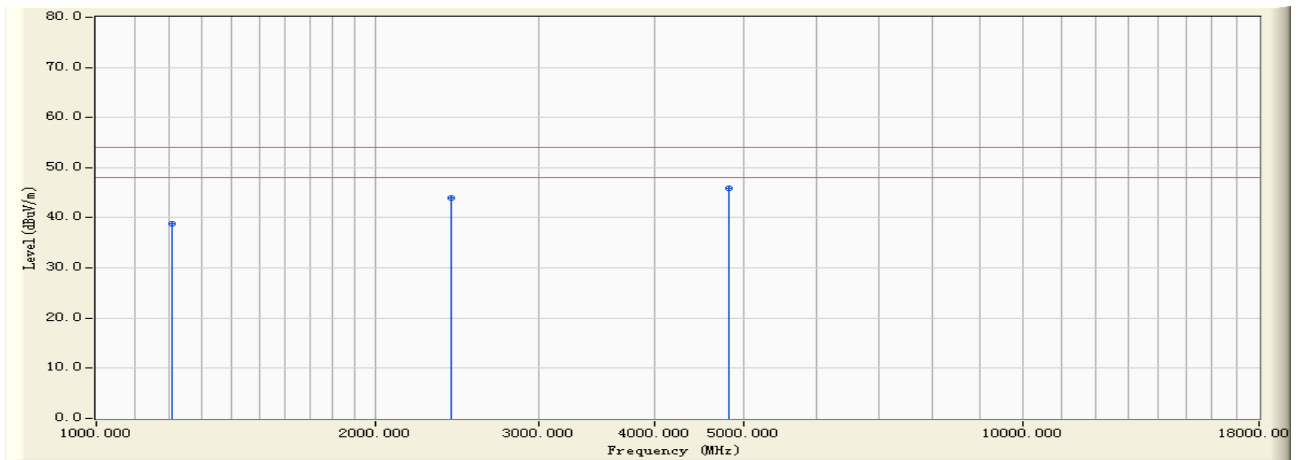
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1206.590	-5.892	55.890	49.998	-24.002	74.000	PEAK
2	2412.350	0.429	54.270	54.700	-19.300	74.000	PEAK
3	* 4825.610	7.351	49.570	56.921	-17.079	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:06
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Trnasmit by 802.11g (An0) (2412MHz)



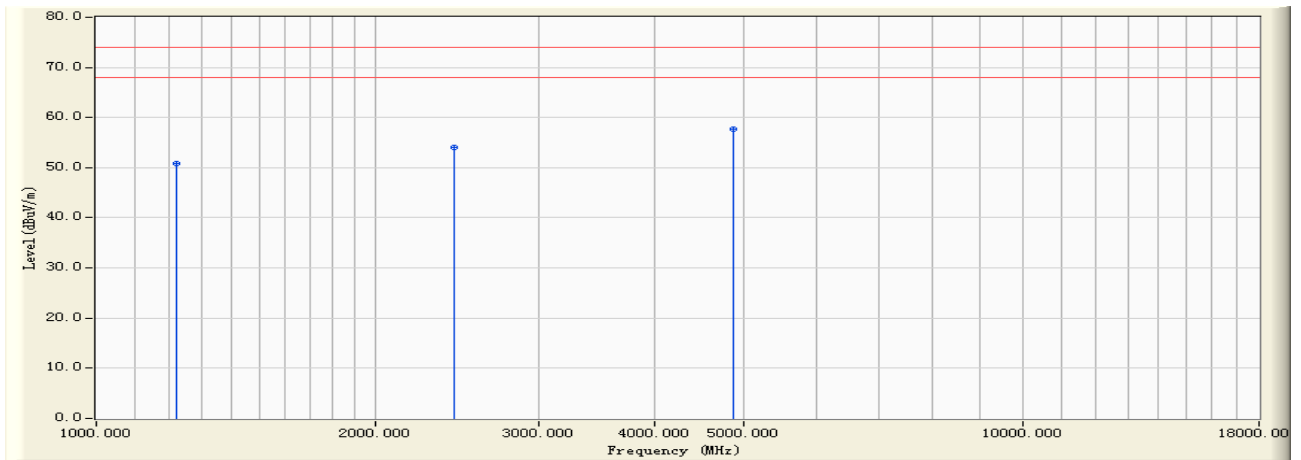
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1206.590	-5.892	44.680	38.788	-15.212	54.000	AVERAGE
2		2412.350	0.429	43.510	43.940	-10.060	54.000	AVERAGE
3	*	4825.610	7.351	38.520	45.871	-8.129	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:07
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Trnasmit by 802.11g (An0) (2437MHz)



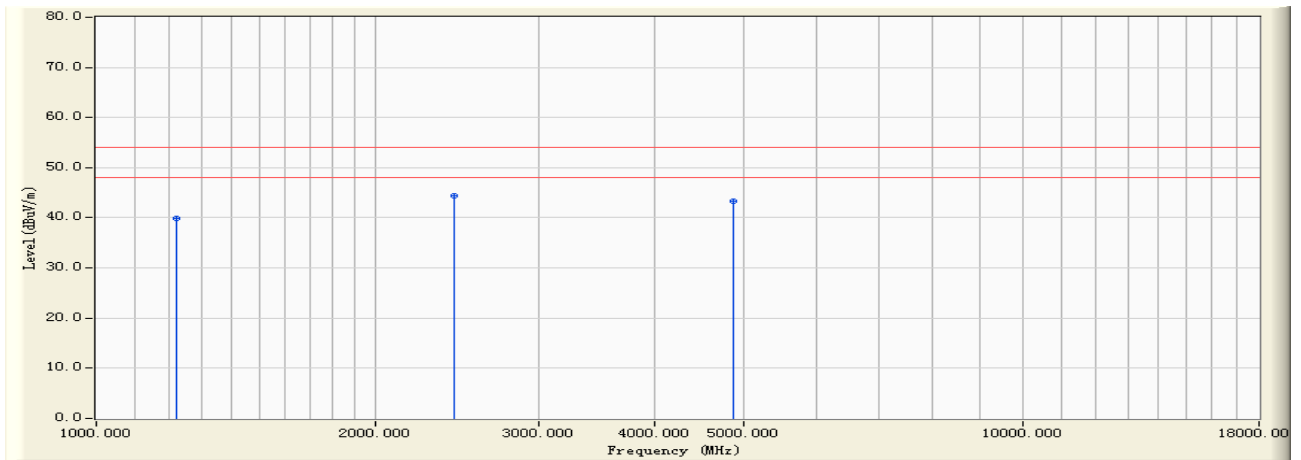
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1218.360	-5.769	56.520	50.751	-23.249	74.000	PEAK
2	2437.150	0.510	53.640	54.150	-19.850	74.000	PEAK
3	* 4875.690	7.461	50.280	57.740	-16.260	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:07
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Trnasmit by 802.11g (An0) (2437MHz)



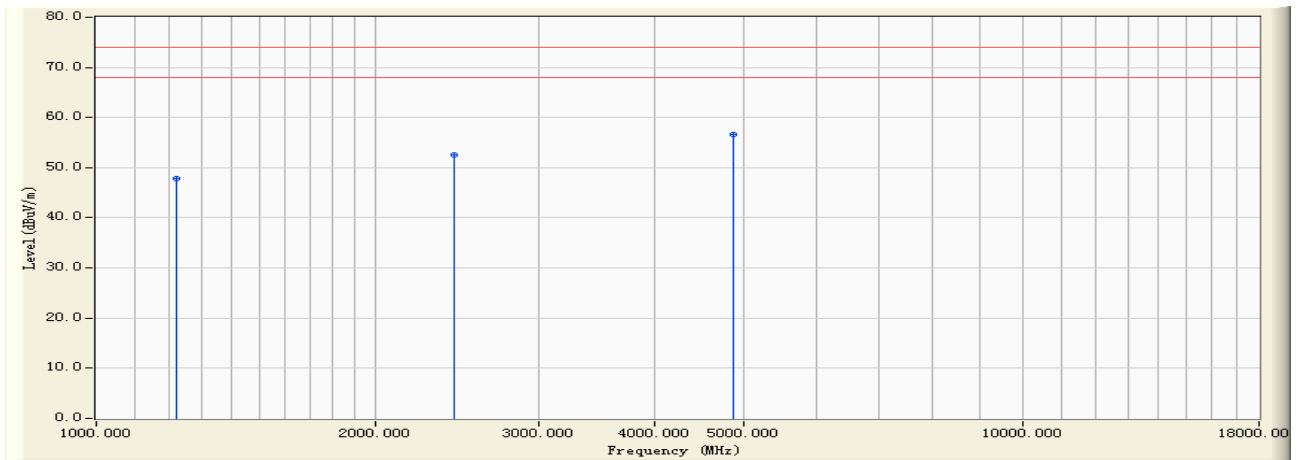
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1218.360	-5.769	45.610	39.841	-14.159	54.000	AVERAGE
2	*	2437.150	0.510	43.850	44.360	-9.640	54.000	AVERAGE
3		4875.690	7.461	35.910	43.370	-10.630	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:08
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Trnasmit by 802.11g (An0) (2437MHz)



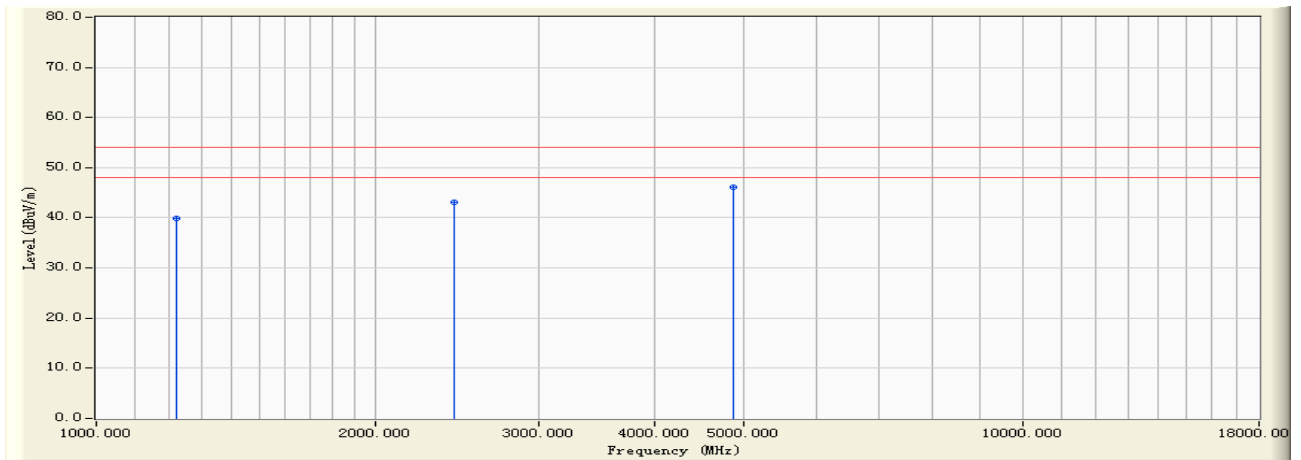
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.360	-5.759	53.680	47.922	-26.078	74.000	PEAK
2		2437.650	0.511	51.980	52.491	-21.509	74.000	PEAK
3	*	4876.570	7.462	49.220	56.682	-17.318	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:08
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Trnasmit by 802.11g (An0) (2437MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.360	-5.759	45.680	39.922	-14.078	54.000	AVERAGE
2		2437.650	0.511	42.570	43.081	-10.919	54.000	AVERAGE
3	*	4876.570	7.462	38.640	46.102	-7.898	54.000	AVERAGE

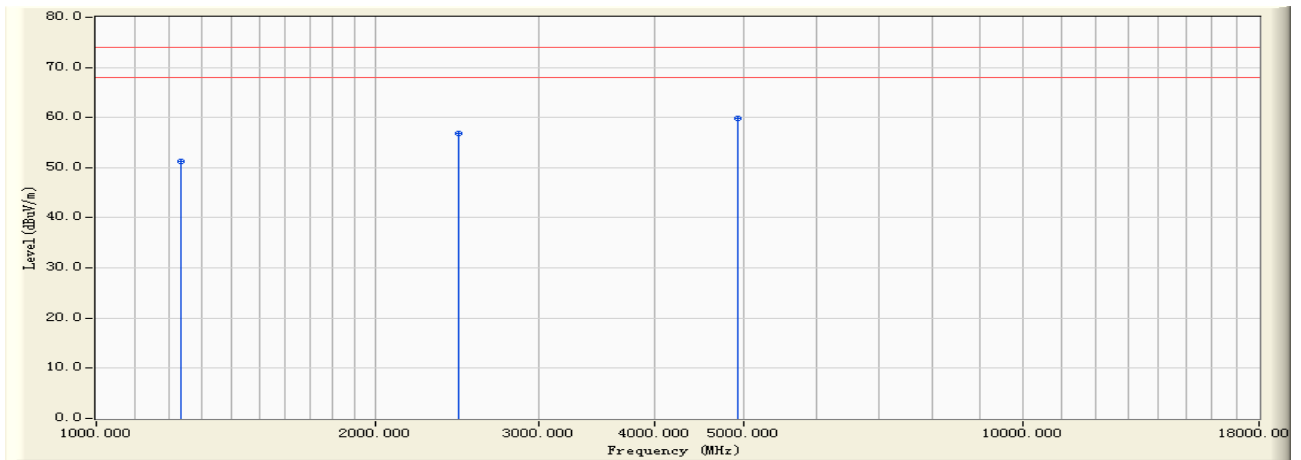
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:10
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Trnasmit by 802.11g (An0) (2462MHz)



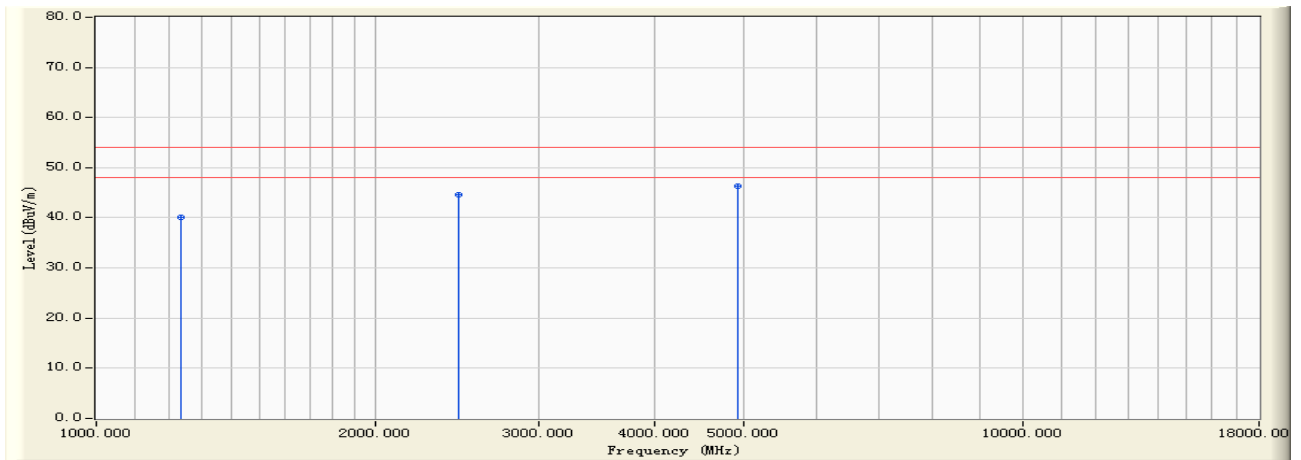
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1235.690	-5.576	56.830	51.253	-22.747	74.000	PEAK
2		2462.510	0.601	56.170	56.771	-17.229	74.000	PEAK
3	*	4926.380	7.570	52.180	59.750	-14.250	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:10
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Trnasmit by 802.11g (An0) (2462MHz)



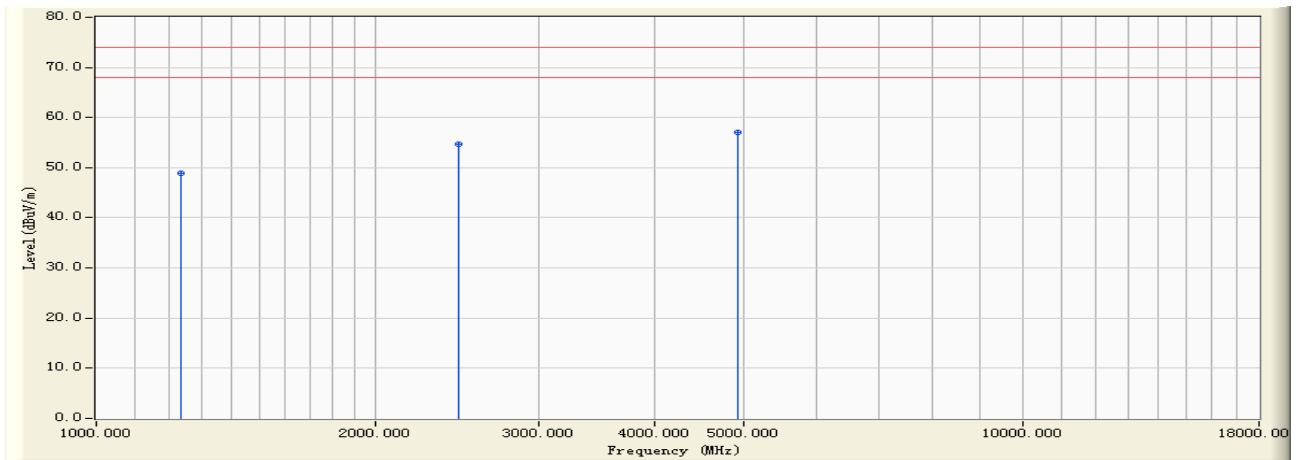
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1235.690	-5.576	45.620	40.043	-13.957	54.000	AVERAGE
2		2462.510	0.601	44.060	44.661	-9.339	54.000	AVERAGE
3	*	4926.380	7.570	38.650	46.220	-7.780	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:11
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Trnasmit by 802.11g (An0) (2462MHz)



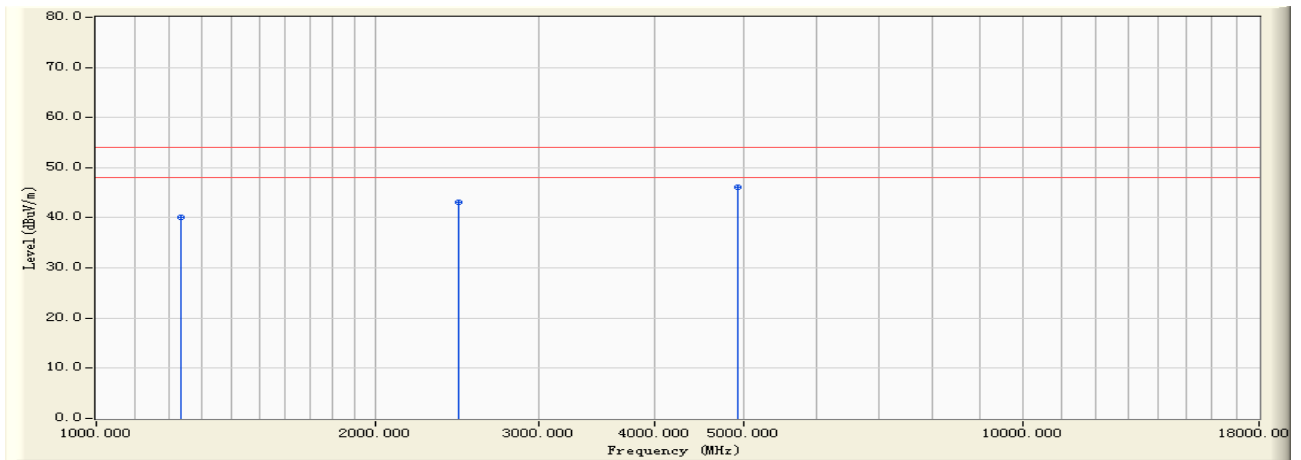
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1234.680	-5.588	54.590	49.002	-24.998	74.000	PEAK
2		2462.870	0.602	54.030	54.632	-19.368	74.000	PEAK
3	*	4926.320	7.570	49.540	57.110	-16.890	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:11
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Trnasmit by 802.11g (An0) (2462MHz)



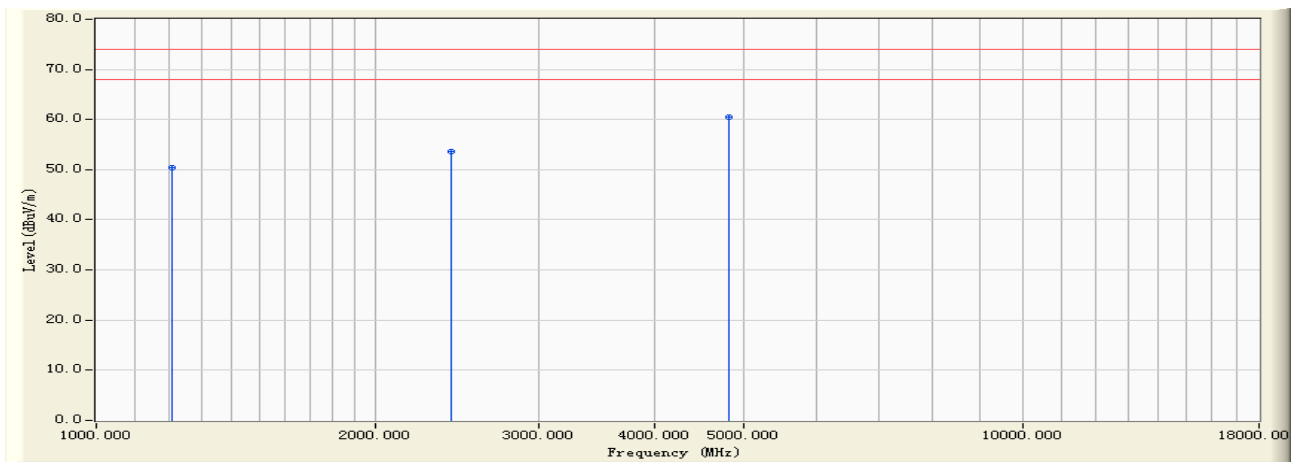
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1234.680	-5.588	45.620	40.032	-13.968	54.000	AVERAGE
2		2462.870	0.602	42.570	43.172	-10.828	54.000	AVERAGE
3	*	4926.320	7.570	38.540	46.110	-7.890	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:16
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An0) (2412MHz)



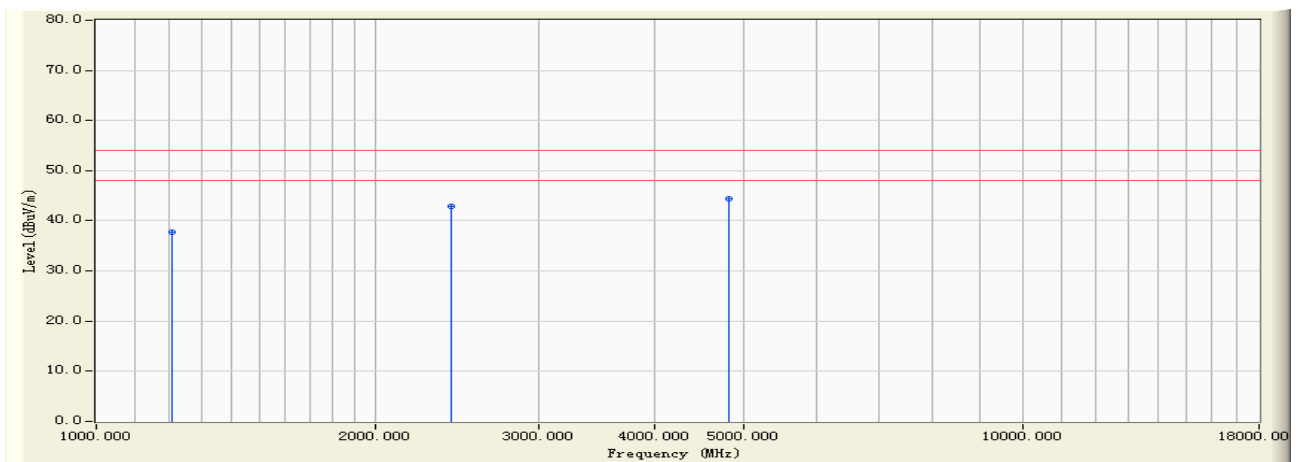
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1208.650	-5.871	56.250	50.380	-23.620	74.000	PEAK
2		2412.050	0.428	53.260	53.689	-20.311	74.000	PEAK
3	*	4825.610	7.351	53.210	60.561	-13.439	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:16
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An0) (2412MHz)



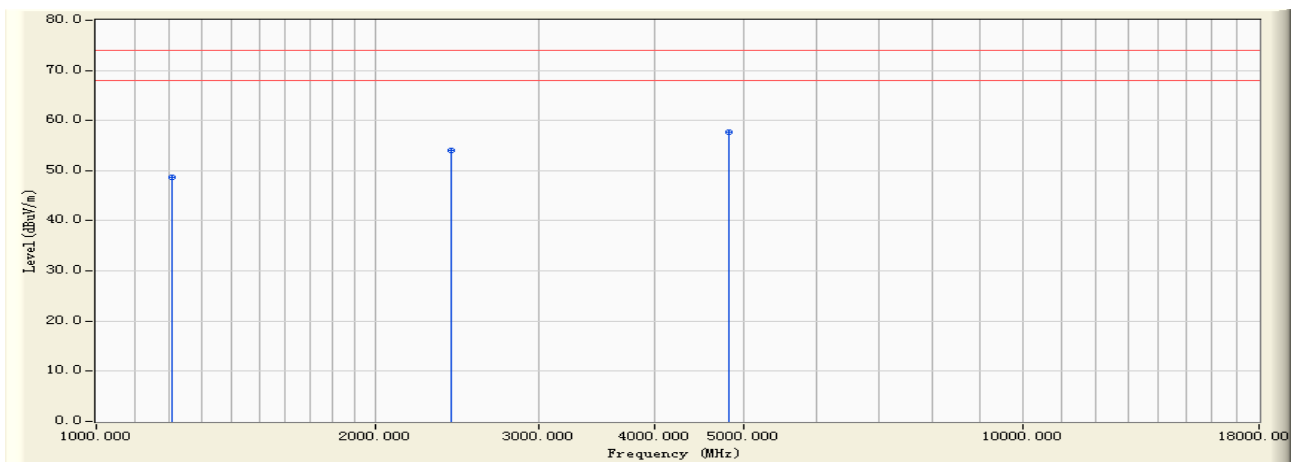
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1208.650	-5.871	43.590	37.720	-16.280	54.000	AVERAGE
2		2412.050	0.428	42.530	42.959	-11.041	54.000	AVERAGE
3	*	4825.610	7.351	36.970	44.321	-9.679	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:17
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An0) (2412MHz)



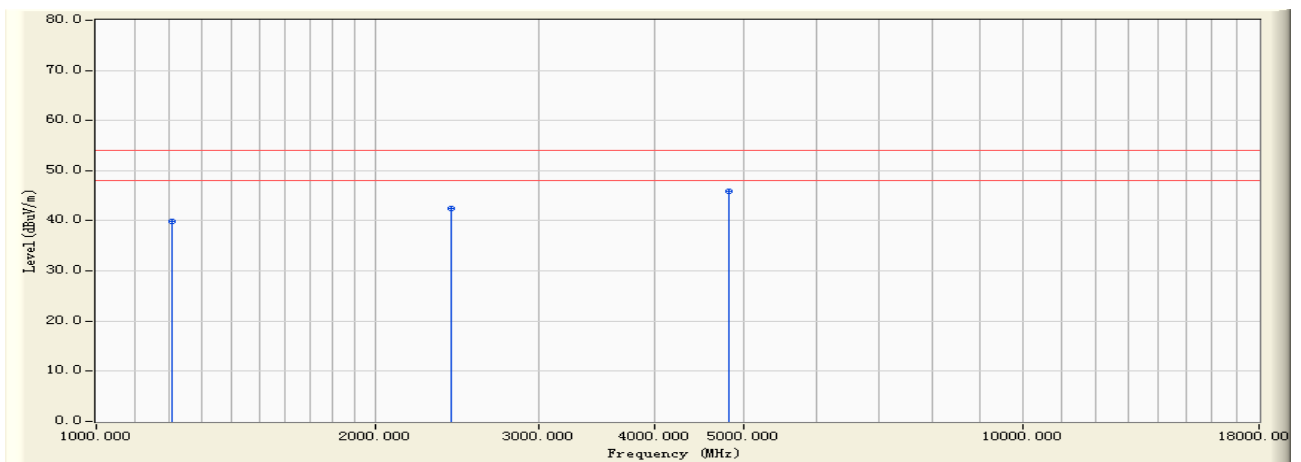
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.650	-5.881	54.590	48.709	-25.291	74.000	PEAK
2		2412.270	0.429	53.590	54.019	-19.981	74.000	PEAK
3	*	4825.610	7.351	50.240	57.591	-16.409	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:17
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An0) (2412MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.650	-5.881	45.690	39.809	-14.191	54.000	AVERAGE
2		2412.270	0.429	42.050	42.479	-11.521	54.000	AVERAGE
3	*	4825.610	7.351	38.640	45.991	-8.009	54.000	AVERAGE

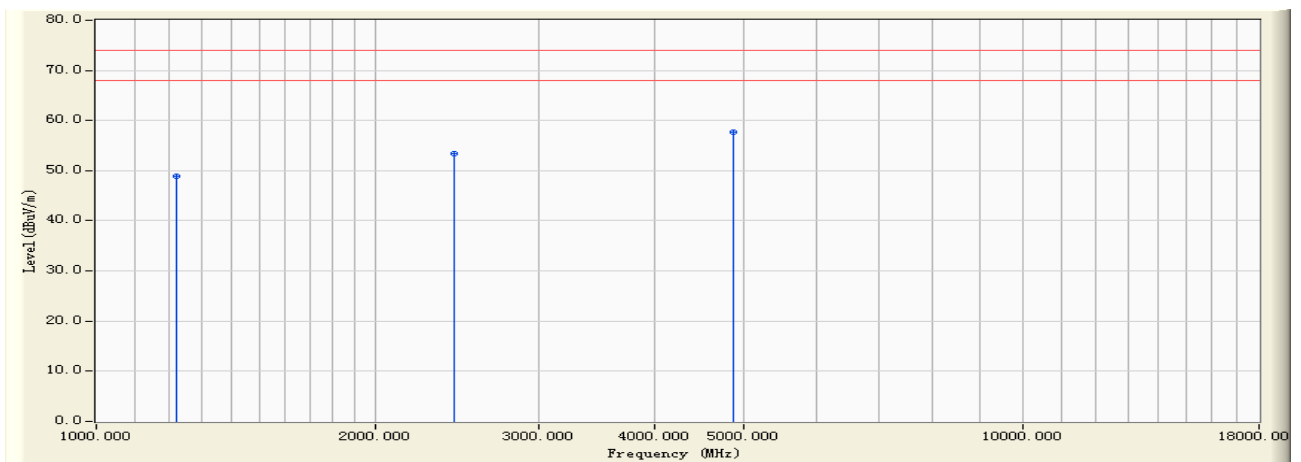
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:19
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An0) (2437MHz)



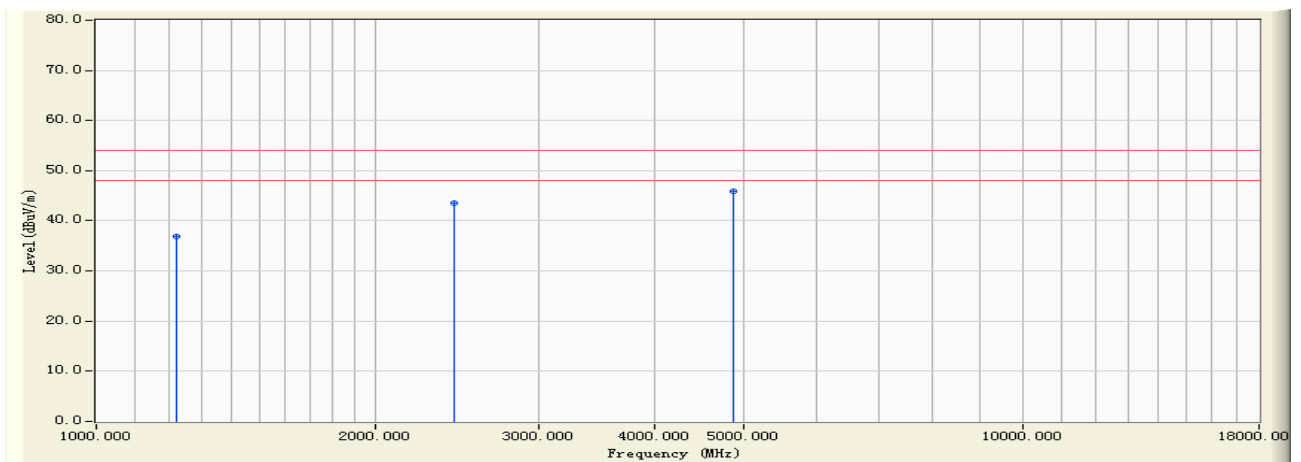
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1219.650	-5.756	54.580	48.825	-25.175	74.000	PEAK
2	2437.500	0.510	52.870	53.381	-20.619	74.000	PEAK
3	* 4875.620	7.460	50.270	57.730	-16.270	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:19
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An0) (2437MHz)



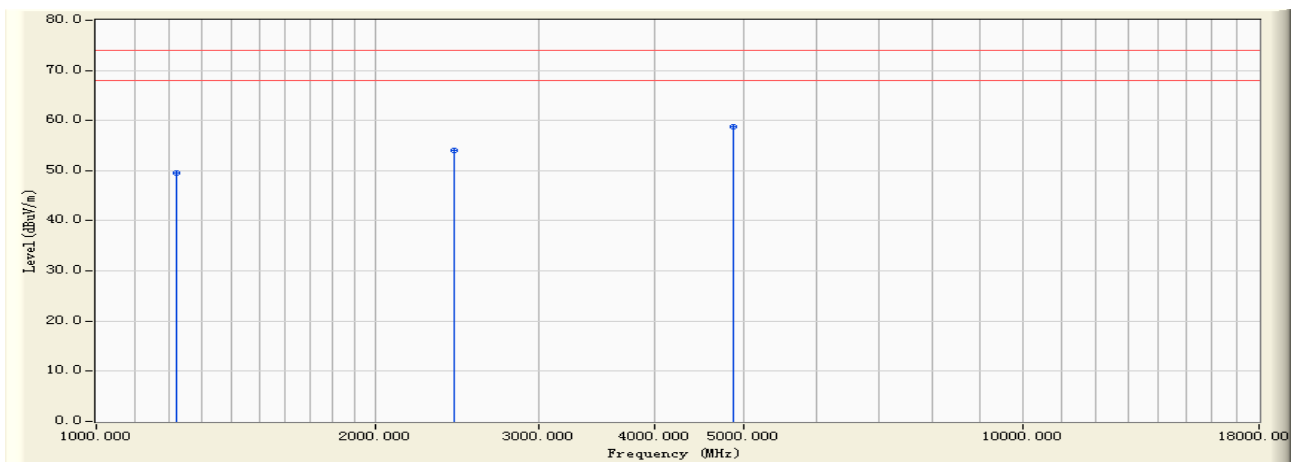
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.650	-5.756	42.590	36.835	-17.165	54.000	AVERAGE
2		2437.500	0.510	42.950	43.461	-10.539	54.000	AVERAGE
3	*	4875.620	7.460	38.540	46.000	-8.000	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:20
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An0) (2437MHz)



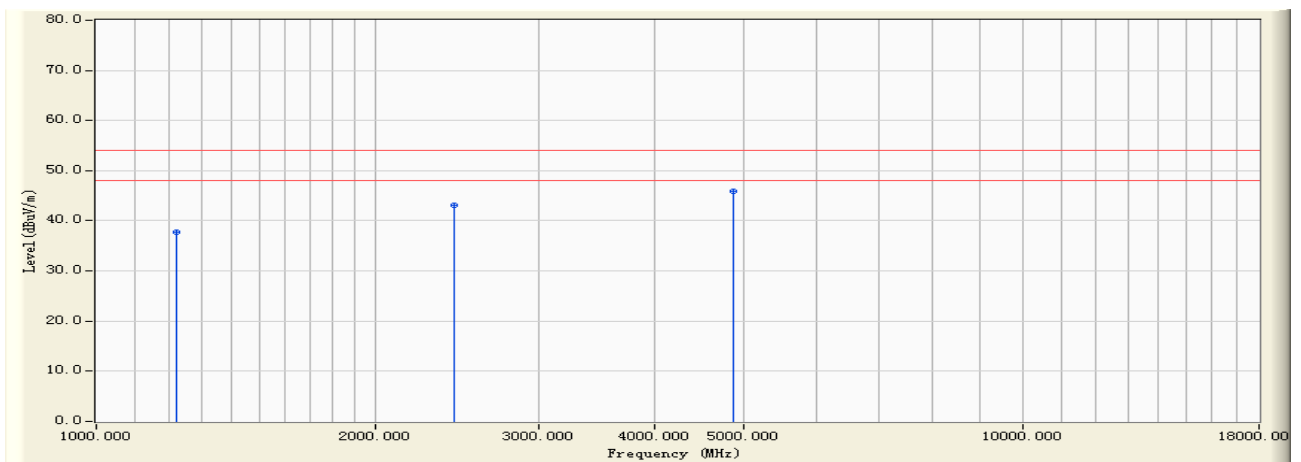
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1218.690	-5.766	55.290	49.525	-24.475	74.000	PEAK
2		2437.260	0.510	53.620	54.130	-19.870	74.000	PEAK
3	*	4875.650	7.461	51.270	58.730	-15.270	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:20
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An0) (2437MHz)



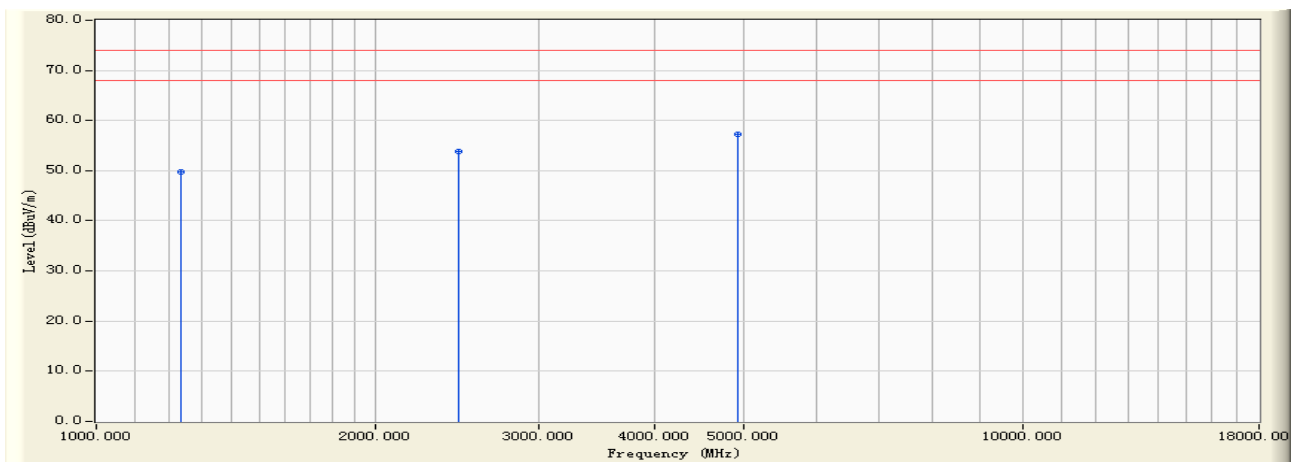
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1218.690	-5.766	43.570	37.805	-16.195	54.000	AVERAGE
2		2437.260	0.510	42.580	43.090	-10.910	54.000	AVERAGE
3	*	4875.650	7.461	38.540	46.000	-8.000	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:22
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An0) (2462MHz)



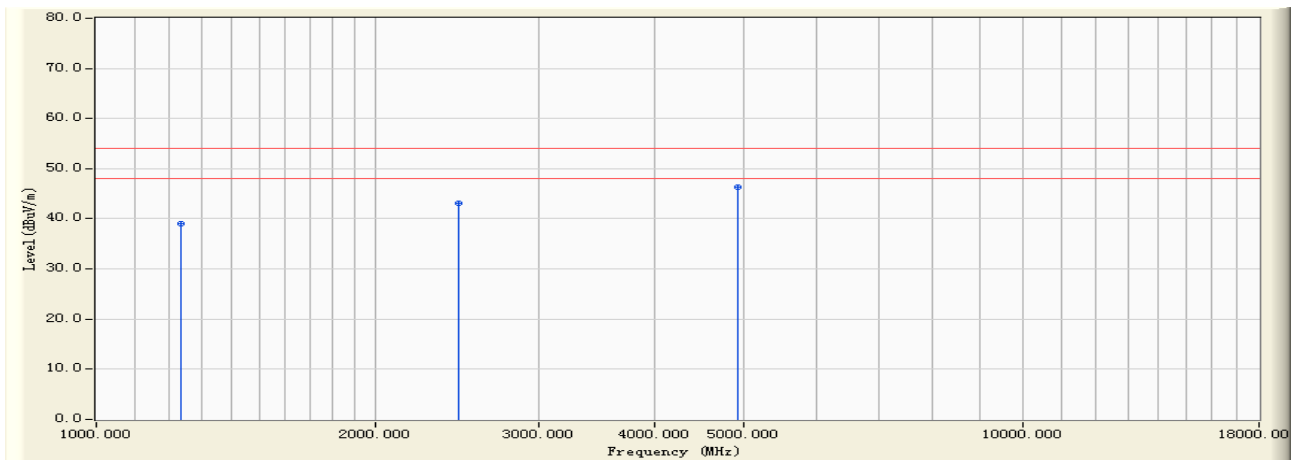
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1233.540	-5.601	55.320	49.719	-24.281	74.000	PEAK
2		2462.150	0.600	53.270	53.870	-20.130	74.000	PEAK
3	*	4926.330	7.570	49.640	57.210	-16.790	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:22
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An0) (2462MHz)



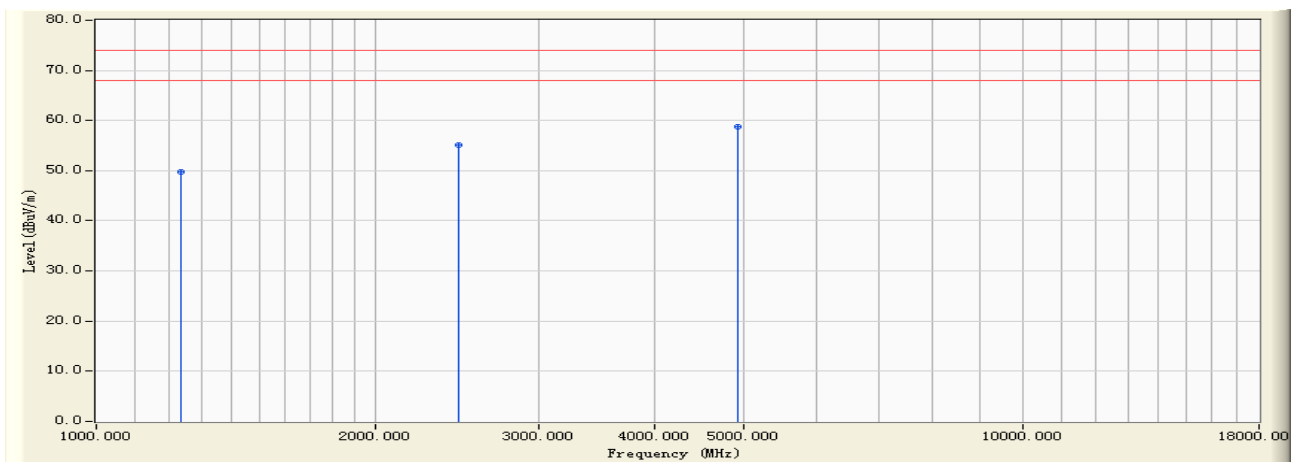
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1233.540	-5.601	44.670	39.069	-14.931	54.000	AVERAGE
2		2462.150	0.600	42.580	43.180	-10.820	54.000	AVERAGE
3	*	4926.330	7.570	38.690	46.260	-7.740	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:23
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An0) (2462MHz)



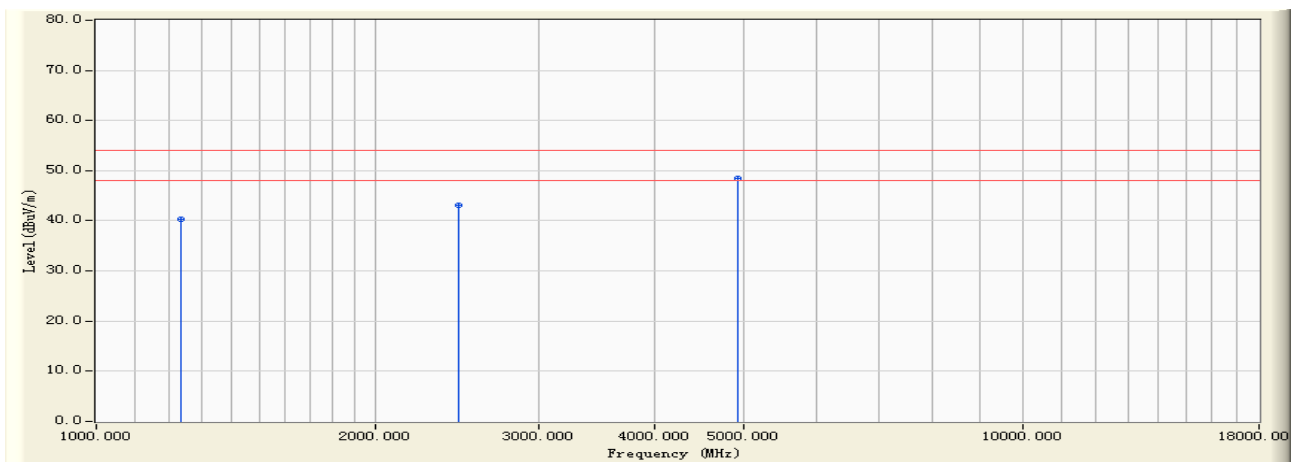
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1233.540	-5.601	55.390	49.789	-24.211	74.000	PEAK
2		2462.150	0.600	54.430	55.030	-18.970	74.000	PEAK
3	*	4925.660	7.569	51.270	58.838	-15.162	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:23
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An0) (2462MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1233.540	-5.601	45.860	40.259	-13.741	54.000	AVERAGE
2		2462.150	0.600	42.570	43.170	-10.830	54.000	AVERAGE
3	*	4925.660	7.569	40.830	48.398	-5.602	54.000	AVERAGE

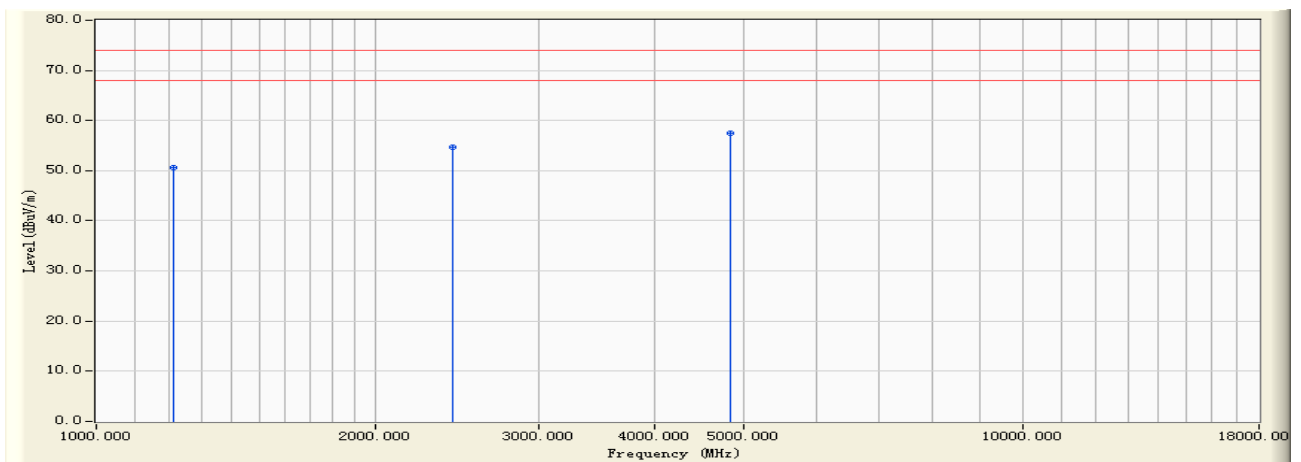
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:24
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0) (2422MHz)



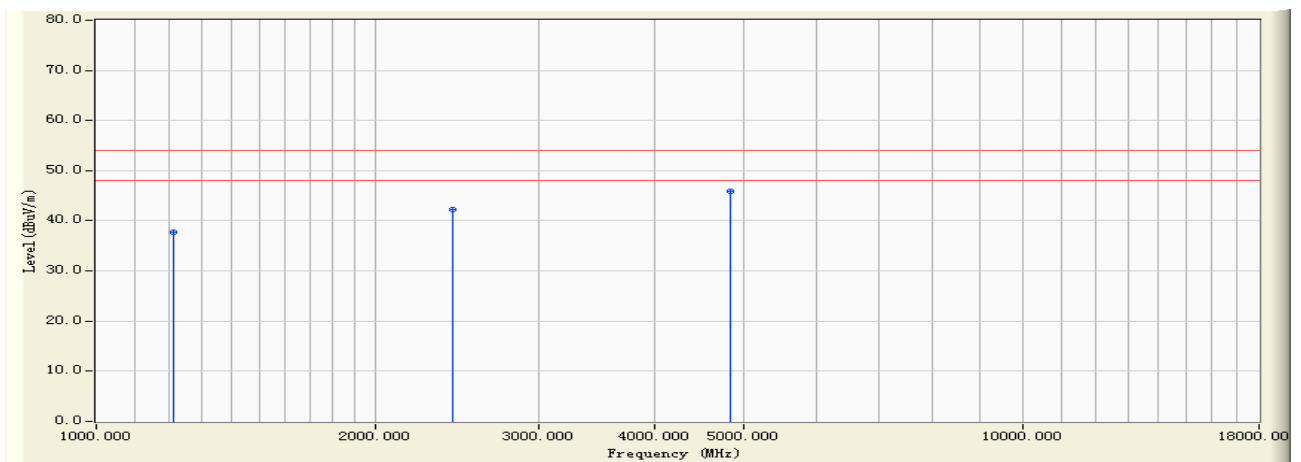
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1213.540	-5.819	56.520	50.701	-23.299	74.000	PEAK
2		2422.150	0.462	54.280	54.743	-19.257	74.000	PEAK
3	*	4844.360	7.389	50.190	57.580	-16.420	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:24
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0) (2422MHz)



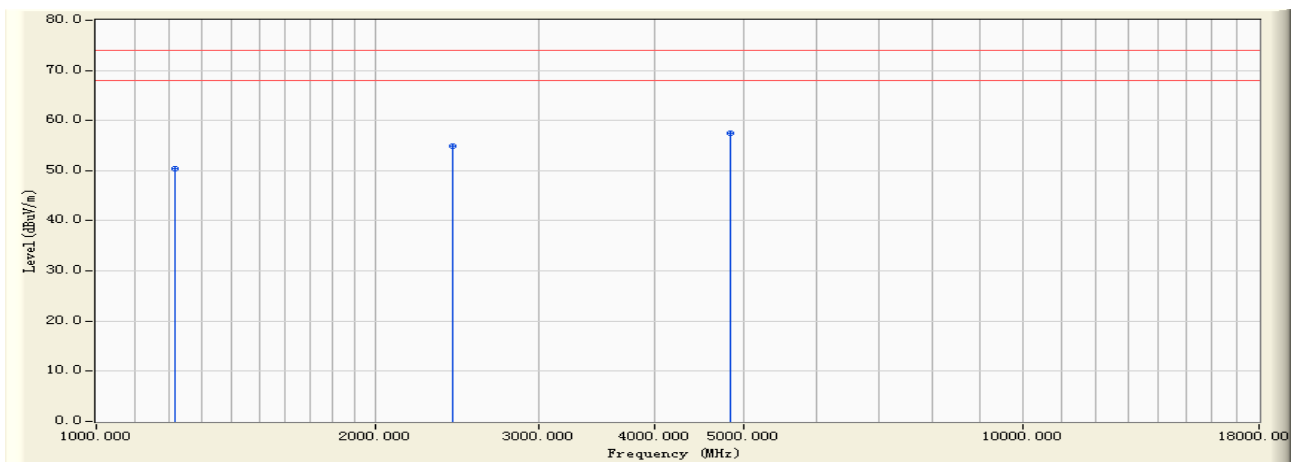
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1213.540	-5.819	43.570	37.751	-16.249	54.000	AVERAGE
2		2422.150	0.462	41.890	42.353	-11.647	54.000	AVERAGE
3	*	4844.360	7.389	38.520	45.910	-8.090	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:26
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0) (2422MHz)



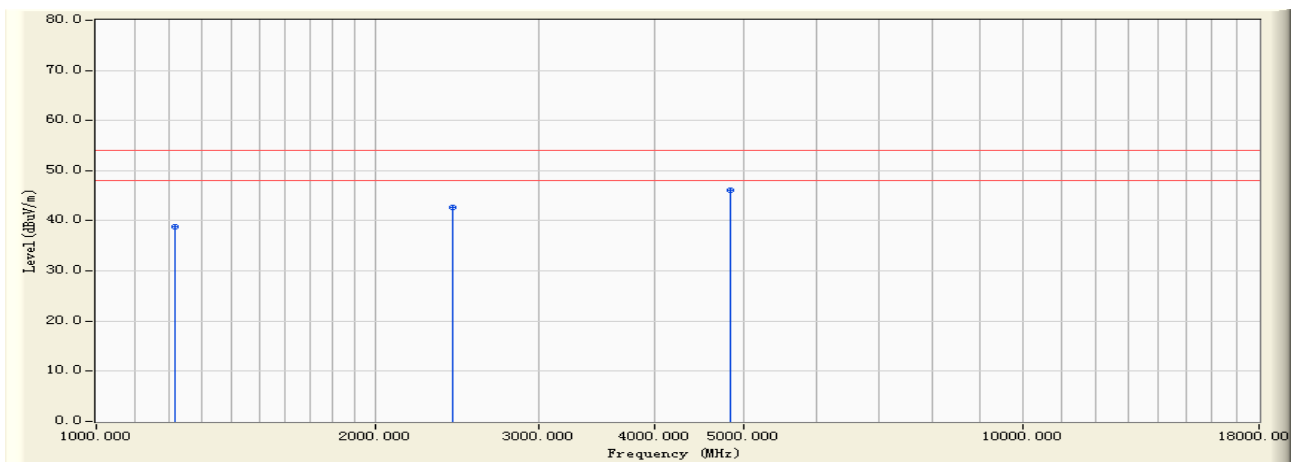
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1214.580	-5.809	56.290	50.482	-23.518	74.000	PEAK
2		2422.630	0.465	54.370	54.835	-19.165	74.000	PEAK
3	*	4845.380	7.392	50.180	57.572	-16.428	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 22:26
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0) (2422MHz)



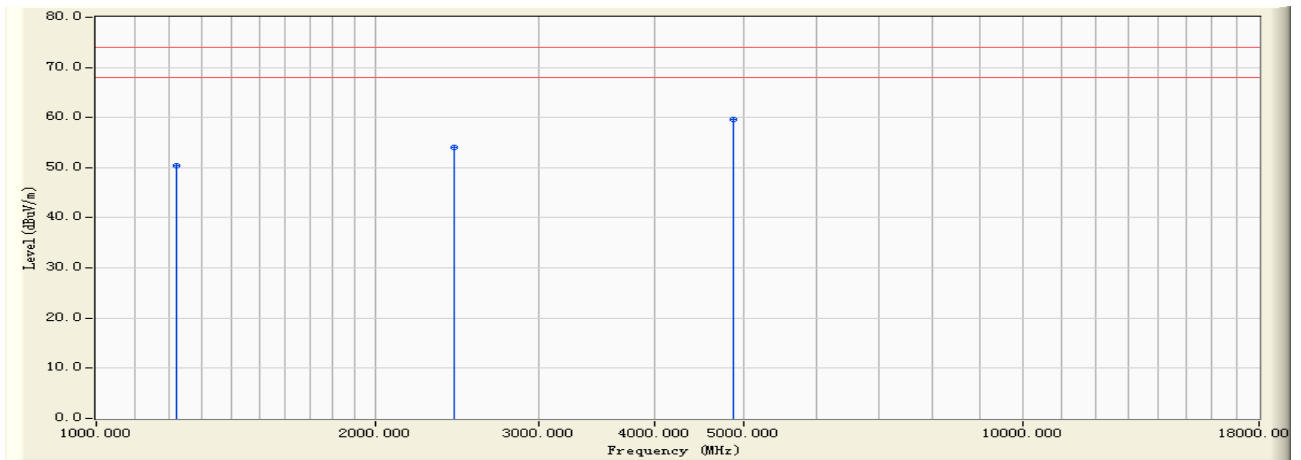
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1214.580	-5.809	44.590	38.782	-15.218	54.000	AVERAGE
2		2422.630	0.465	42.170	42.635	-11.365	54.000	AVERAGE
3	*	4845.380	7.392	38.620	46.012	-7.988	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:48
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0) (2437MHz)



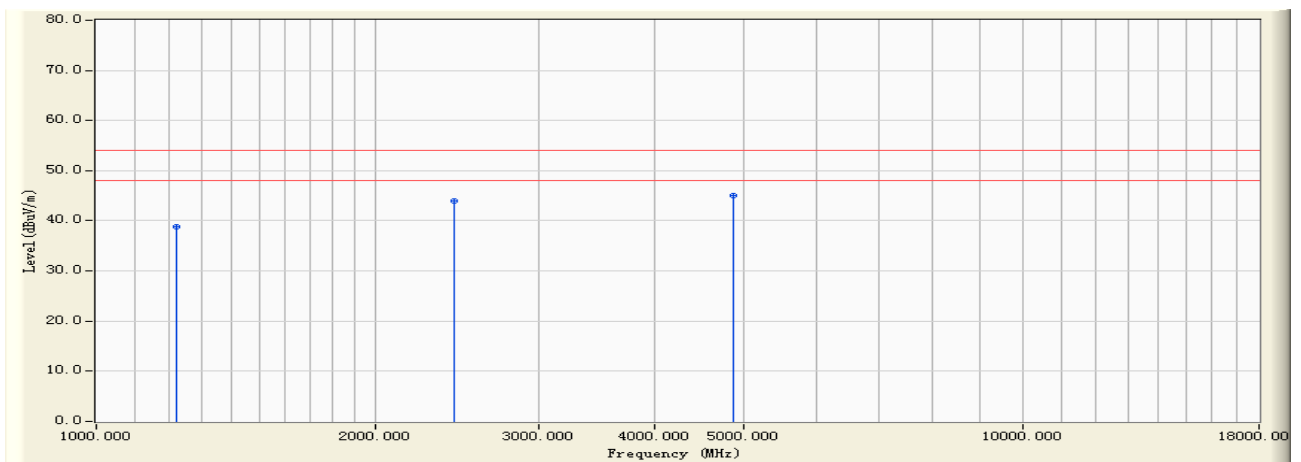
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.350	-5.759	56.250	50.492	-23.508	74.000	PEAK
2		2438.010	0.512	53.590	54.102	-19.898	74.000	PEAK
3	*	4875.160	7.459	52.180	59.639	-14.361	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:48
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0) (2437MHz)



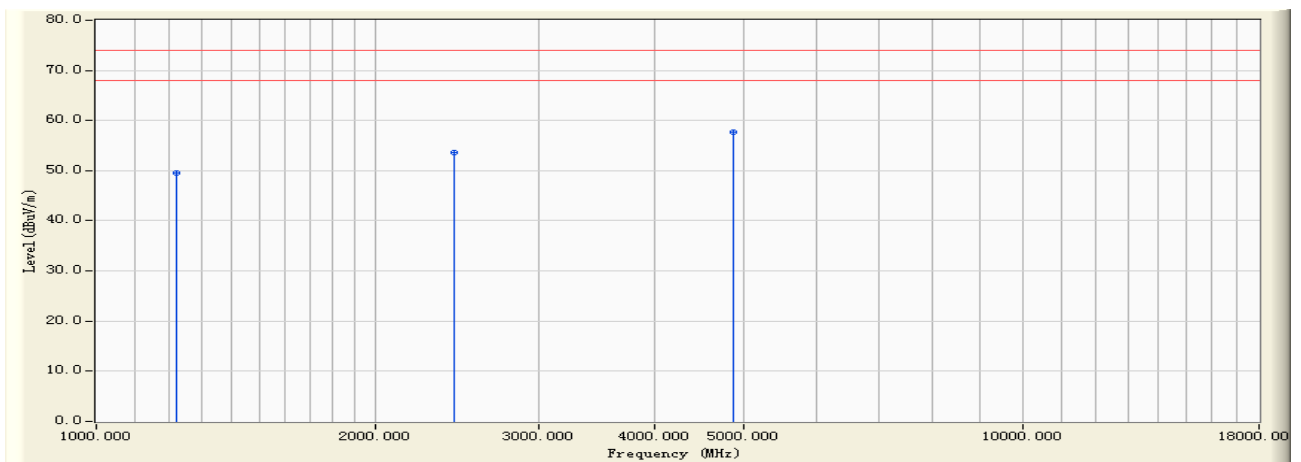
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.350	-5.759	44.510	38.752	-15.248	54.000	AVERAGE
2		2438.010	0.512	43.520	44.032	-9.968	54.000	AVERAGE
3	*	4875.160	7.459	37.630	45.089	-8.911	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:49
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0) (2437MHz)



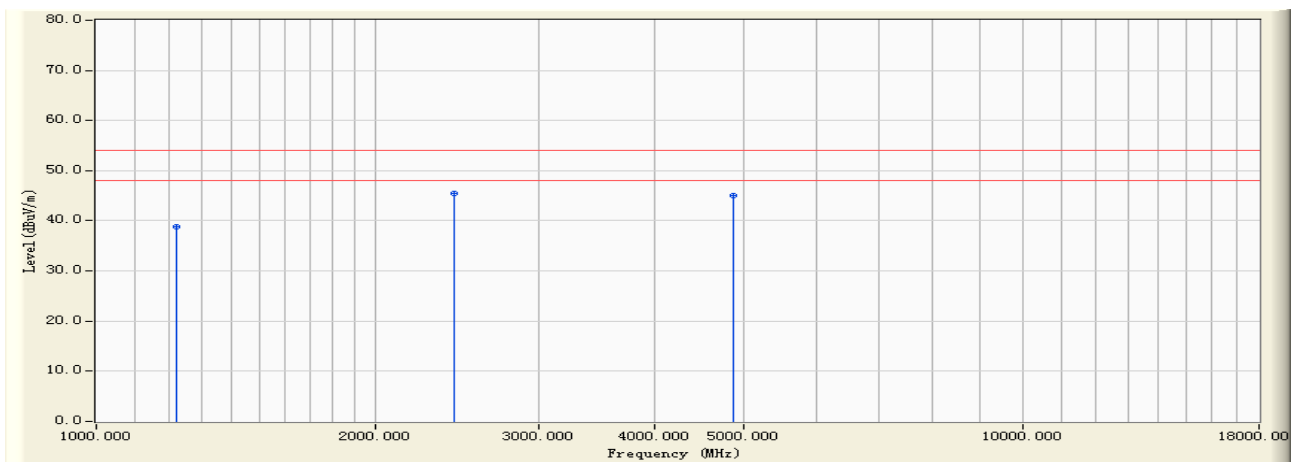
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.360	-5.748	55.340	49.592	-24.408	74.000	PEAK
2		2437.060	0.509	53.180	53.689	-20.311	74.000	PEAK
3	*	4875.690	7.461	50.180	57.640	-16.360	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:49
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0) (2437MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.360	-5.748	44.560	38.812	-15.188	54.000	AVERAGE
2	*	2437.060	0.509	44.890	45.399	-8.601	54.000	AVERAGE
3		4875.690	7.461	37.540	45.000	-9.000	54.000	AVERAGE

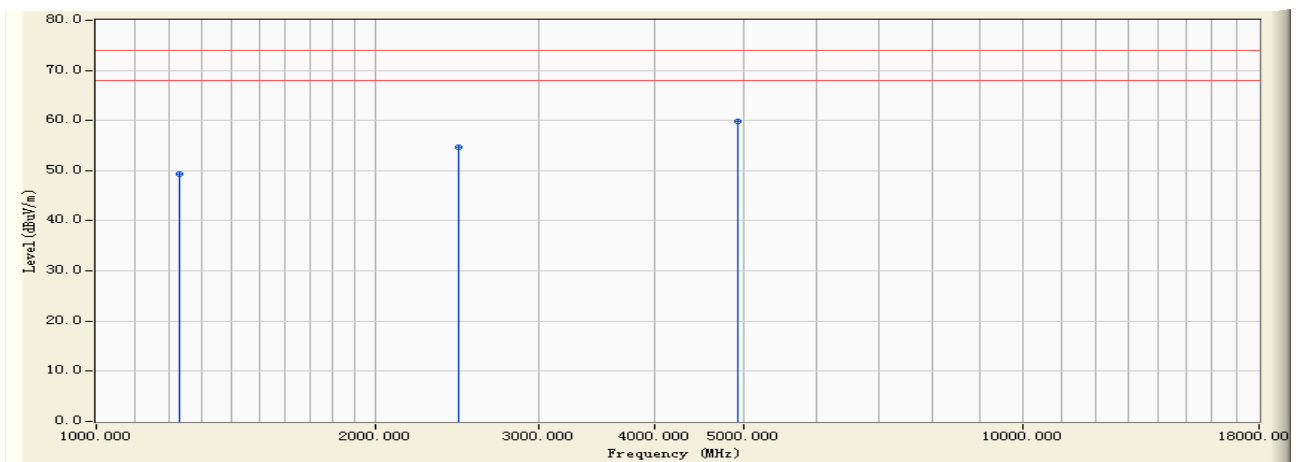
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:50
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0) (2452MHz)



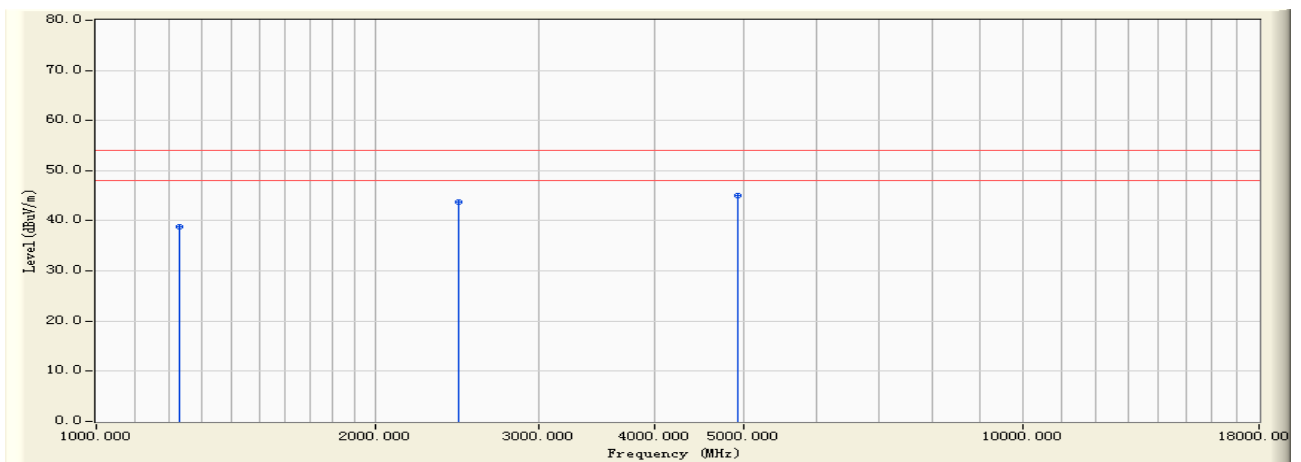
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1228.650	-5.657	55.030	49.373	-24.627	74.000	PEAK
2	2462.320	0.601	54.120	54.721	-19.279	74.000	PEAK
3	* 4926.370	7.570	52.170	59.740	-14.260	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:50
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0) (2452MHz)



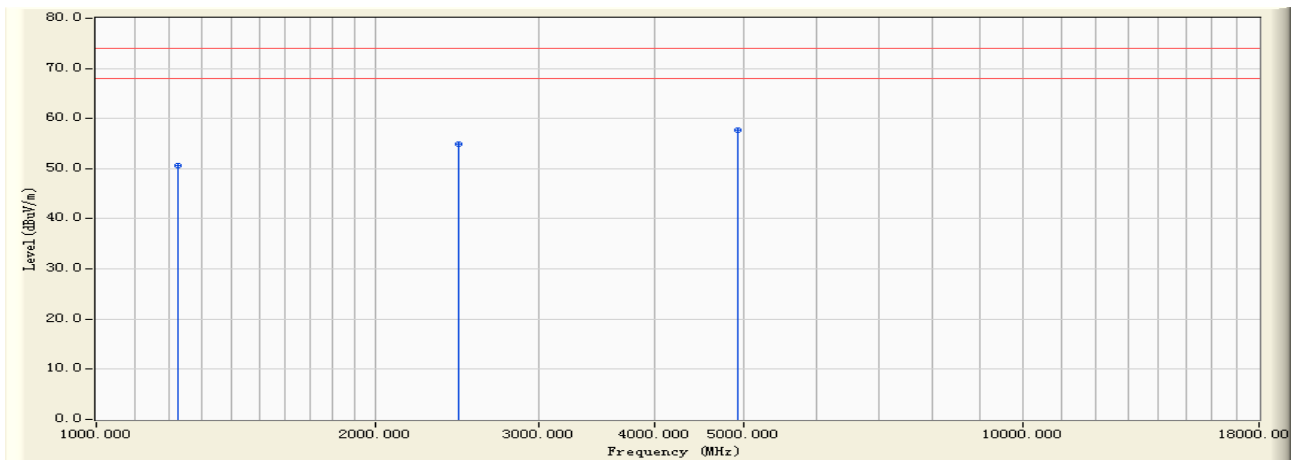
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.650	-5.657	44.570	38.913	-15.087	54.000	AVERAGE
2		2462.320	0.601	43.160	43.761	-10.239	54.000	AVERAGE
3	*	4926.370	7.570	37.540	45.110	-8.890	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:51
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0) (2452MHz)



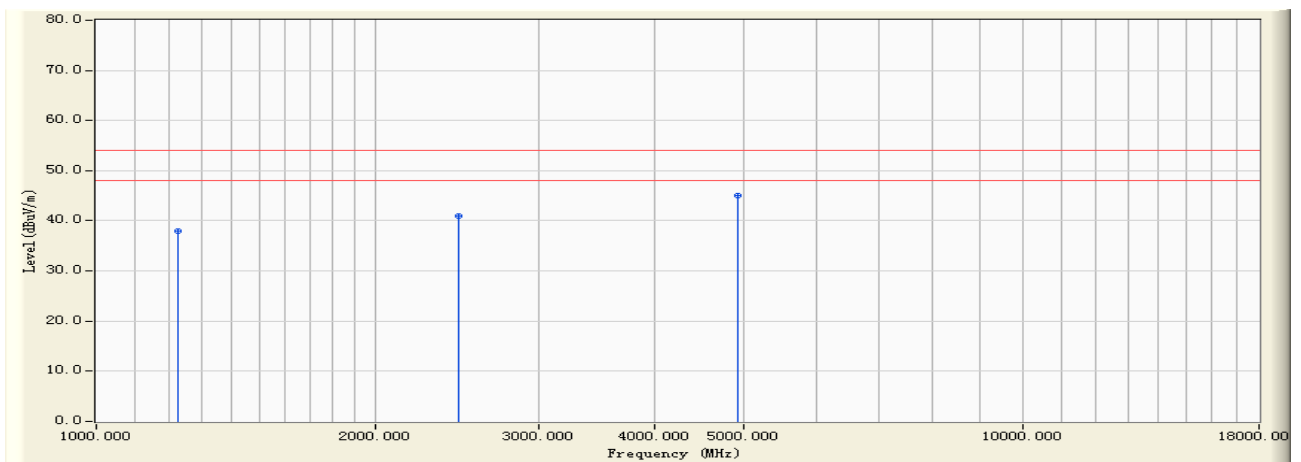
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1225.330	-5.693	56.340	50.647	-23.353	74.000	PEAK
2		2462.050	0.600	54.200	54.800	-19.200	74.000	PEAK
3	*	4926.300	7.570	50.170	57.740	-16.260	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:51
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0) (2452MHz)



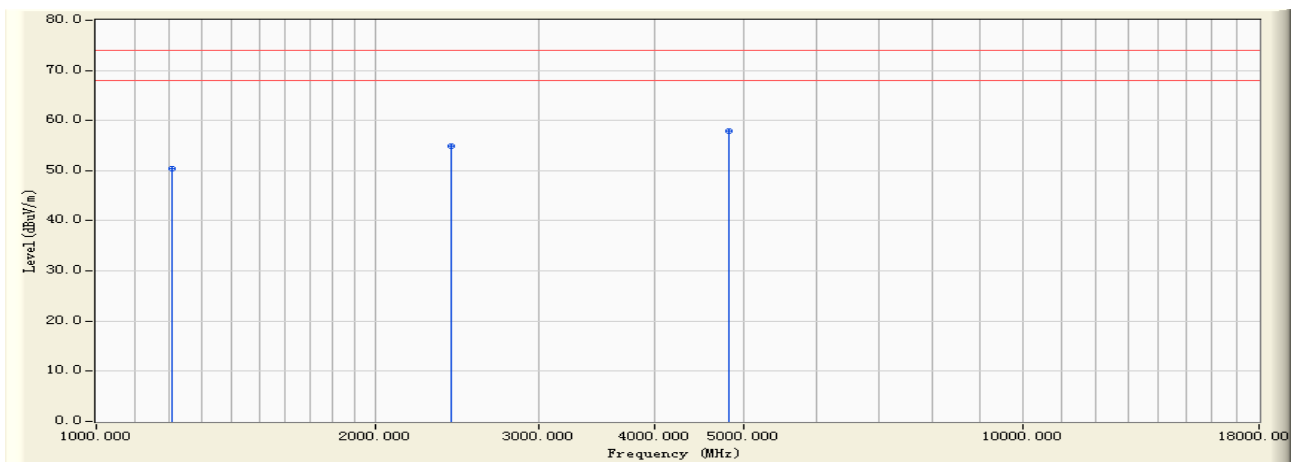
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1225.330	-5.693	43.570	37.877	-16.123	54.000	AVERAGE
2		2462.050	0.600	40.290	40.890	-13.110	54.000	AVERAGE
3	*	4926.300	7.570	37.410	44.980	-9.020	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:52
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An1) (2412MHz)



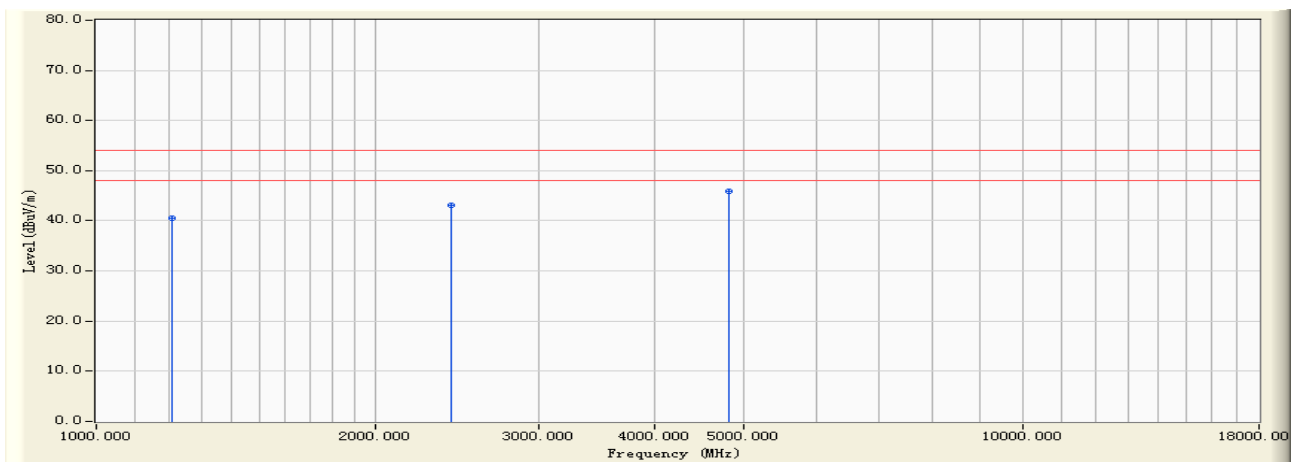
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1208.570	-5.871	56.340	50.469	-23.531	74.000	PEAK
2		2412.150	0.428	54.580	55.009	-18.991	74.000	PEAK
3	*	4825.460	7.351	50.460	57.811	-16.189	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:52
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An1) (2412MHz)



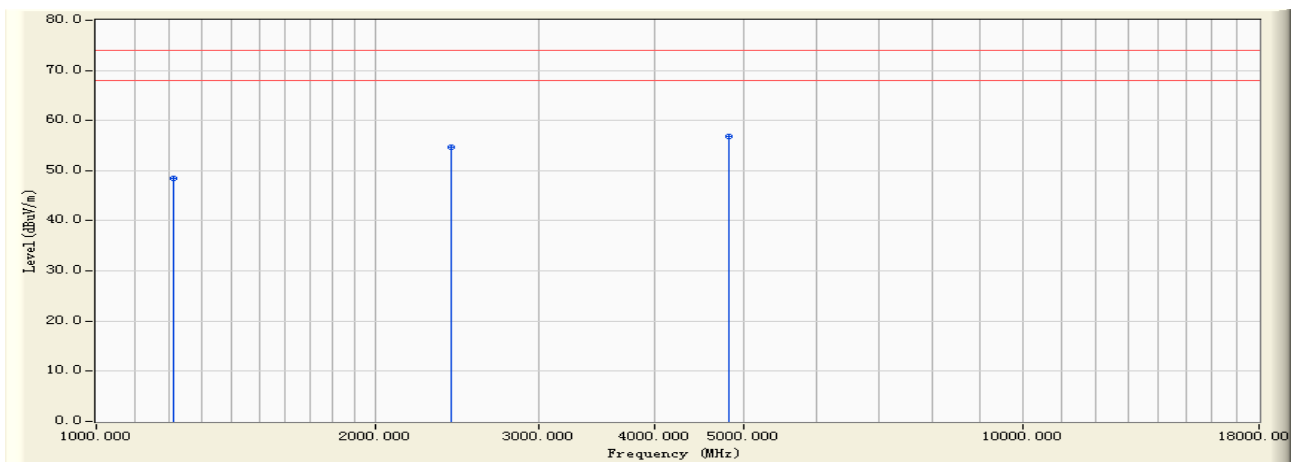
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1208.570	-5.871	46.510	40.639	-13.361	54.000	AVERAGE
2		2412.150	0.428	42.590	43.019	-10.981	54.000	AVERAGE
3	*	4825.460	7.351	38.620	45.971	-8.029	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:53
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An1) (2412MHz)



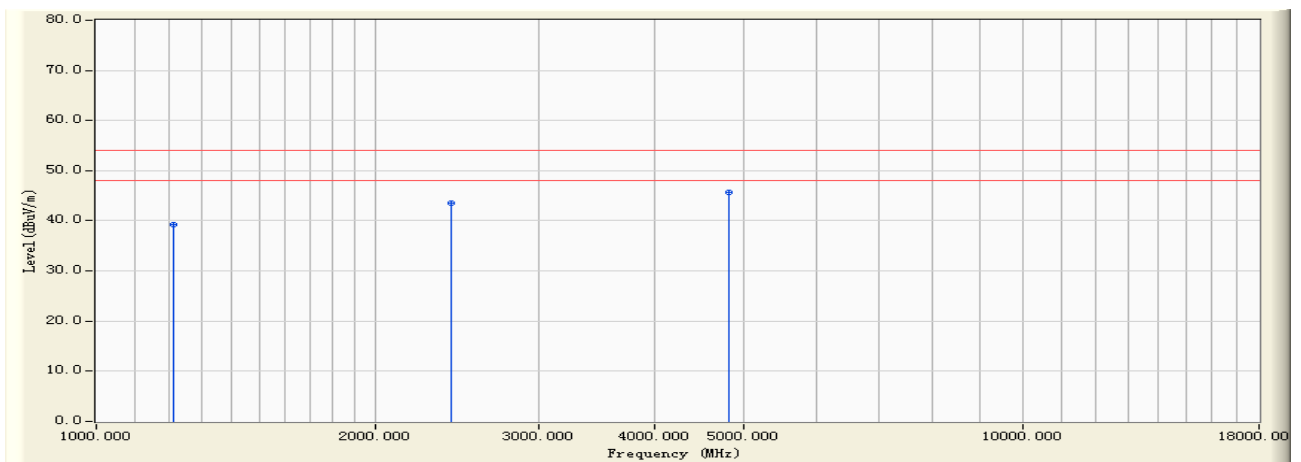
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1210.370	-5.853	54.260	48.408	-25.592	74.000	PEAK
2		2412.050	0.428	54.280	54.709	-19.291	74.000	PEAK
3	*	4825.060	7.350	49.570	56.920	-17.080	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:53
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An1) (2412MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1210.370	-5.853	45.020	39.168	-14.832	54.000	AVERAGE
2		2412.050	0.428	43.180	43.609	-10.391	54.000	AVERAGE
3	*	4825.060	7.350	38.410	45.760	-8.240	54.000	AVERAGE

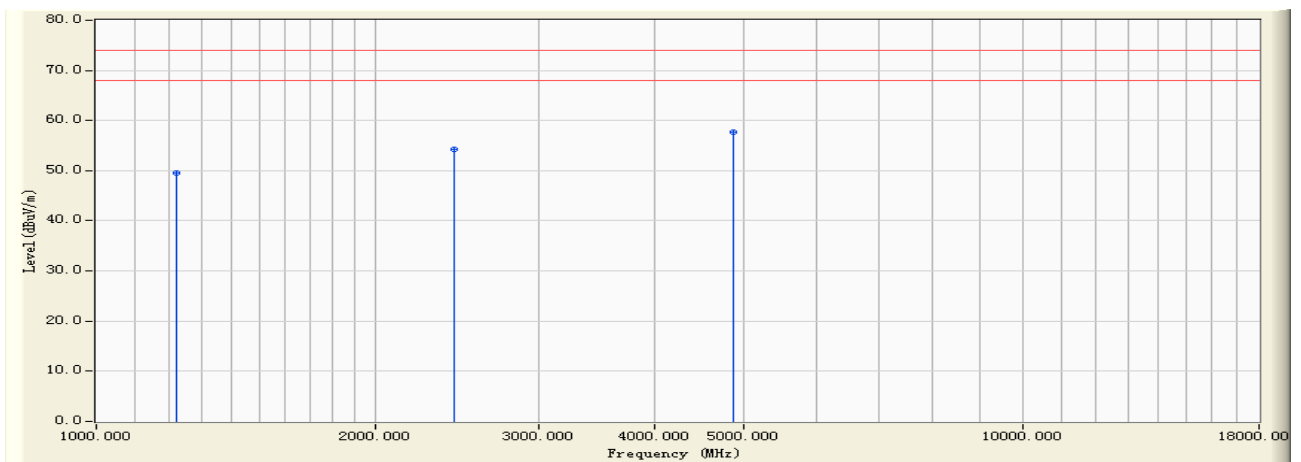
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:55
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An1) (2437MHz)



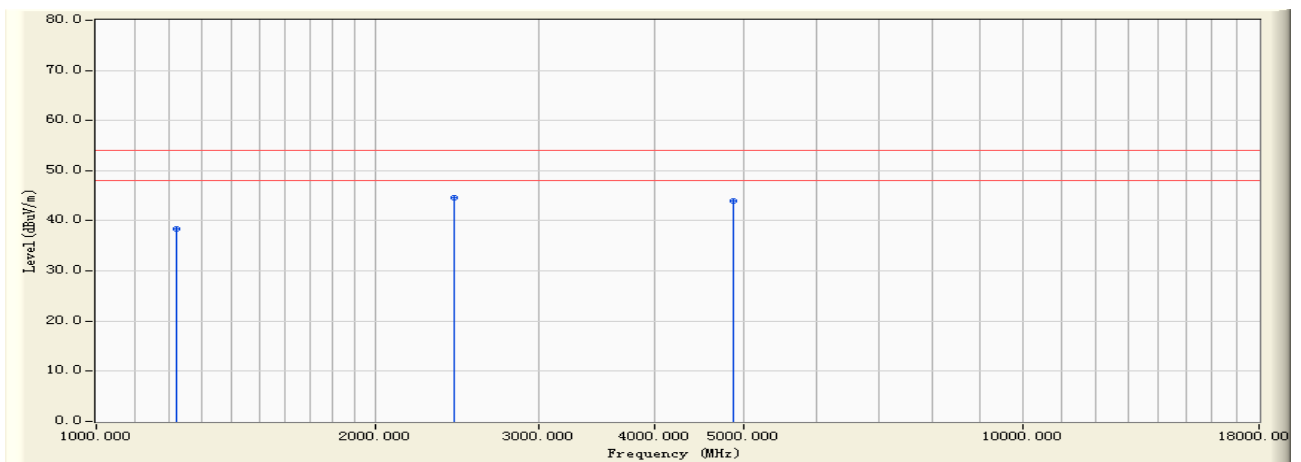
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.500	-5.747	55.320	49.574	-24.426	74.000	PEAK
2		2437.060	0.509	53.800	54.309	-19.691	74.000	PEAK
3	*	4875.200	7.459	50.190	57.649	-16.351	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:55
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An1) (2437MHz)



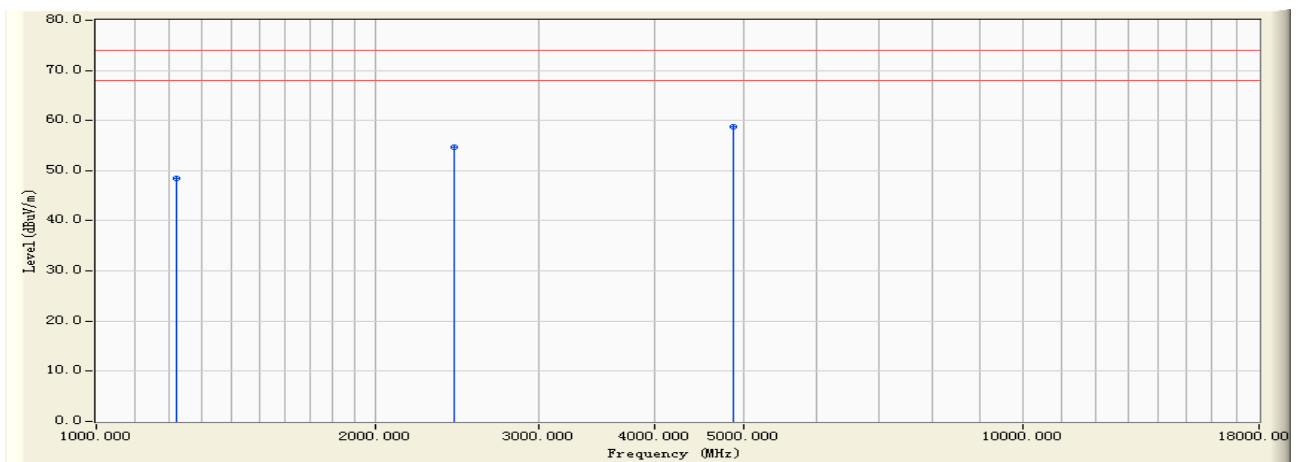
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.500	-5.747	44.230	38.484	-15.516	54.000	AVERAGE
2	*	2437.060	0.509	44.170	44.679	-9.321	54.000	AVERAGE
3		4875.200	7.459	36.530	43.989	-10.011	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:56
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An1) (2437MHz)



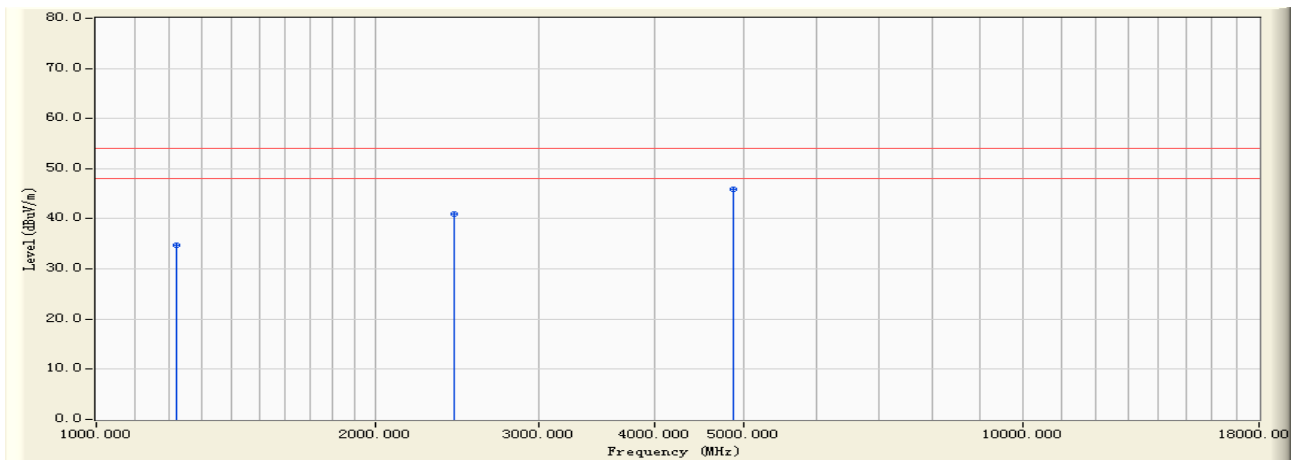
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.360	-5.759	54.290	48.532	-25.468	74.000	PEAK
2		2437.040	0.509	54.230	54.739	-19.261	74.000	PEAK
3	*	4876.340	7.462	51.260	58.722	-15.278	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:56
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An1) (2437MHz)



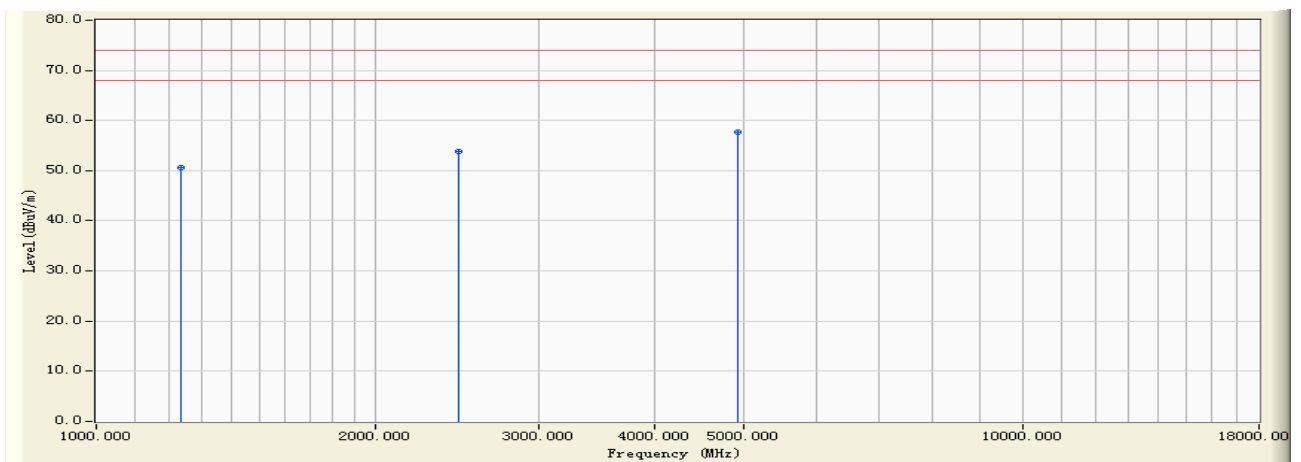
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.360	-5.759	40.570	34.812	-19.188	54.000	AVERAGE
2		2437.040	0.509	40.560	41.069	-12.931	54.000	AVERAGE
3	*	4876.340	7.462	38.520	45.982	-8.018	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:58
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An1) (2462MHz)



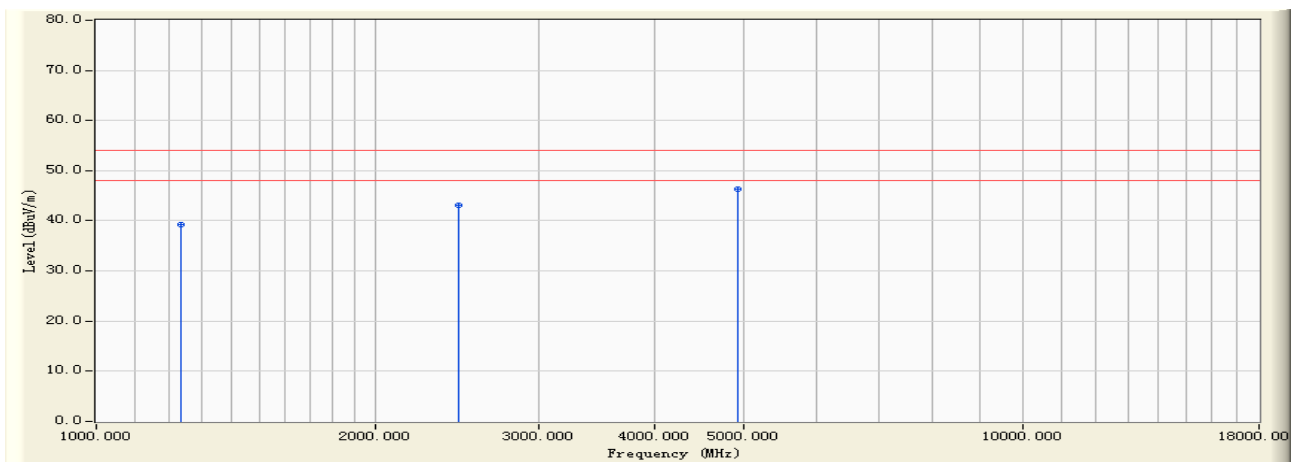
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1233.570	-5.601	56.320	50.719	-23.281	74.000	PEAK
2		2462.140	0.600	53.240	53.840	-20.160	74.000	PEAK
3	*	4926.370	7.570	50.140	57.710	-16.290	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:58
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An1) (2462MHz)



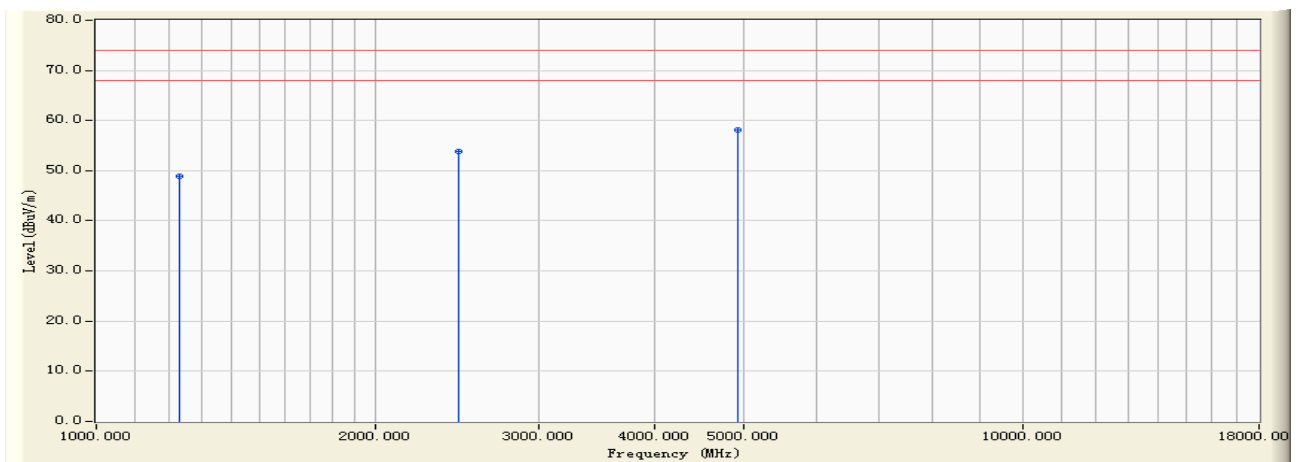
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1233.570	-5.601	44.760	39.159	-14.841	54.000	AVERAGE
2		2462.140	0.600	42.590	43.190	-10.810	54.000	AVERAGE
3	*	4926.370	7.570	38.650	46.220	-7.780	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:59
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An1) (2462MHz)



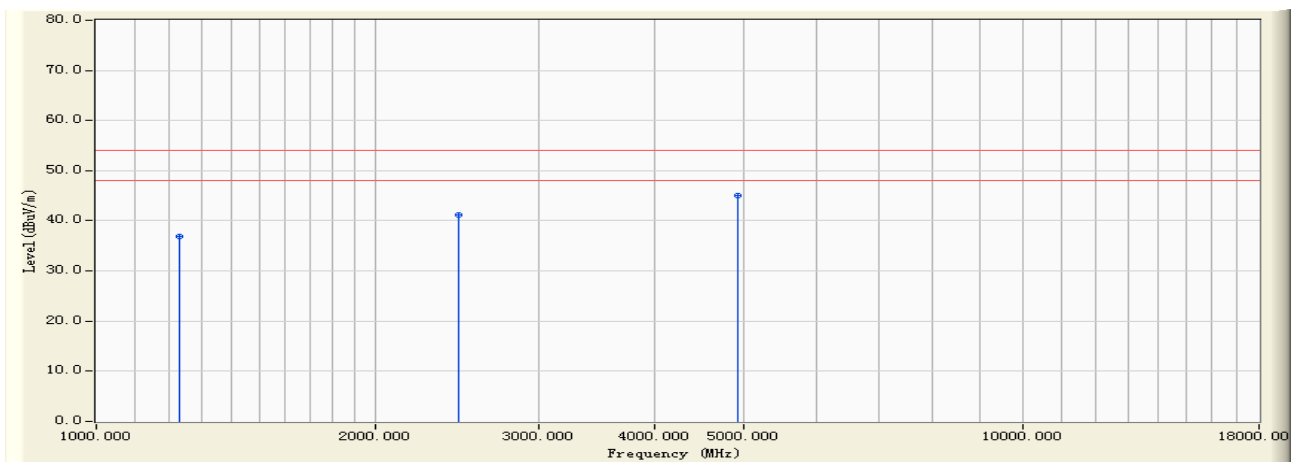
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.630	-5.657	54.530	48.873	-25.127	74.000	PEAK
2		2462.070	0.600	53.260	53.860	-20.140	74.000	PEAK
3	*	4926.340	7.570	50.460	58.030	-15.970	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 15:59
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An1) (2462MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.630	-5.657	42.590	36.933	-17.067	54.000	AVERAGE
2		2462.070	0.600	40.500	41.100	-12.900	54.000	AVERAGE
3	*	4926.340	7.570	37.460	45.030	-8.970	54.000	AVERAGE

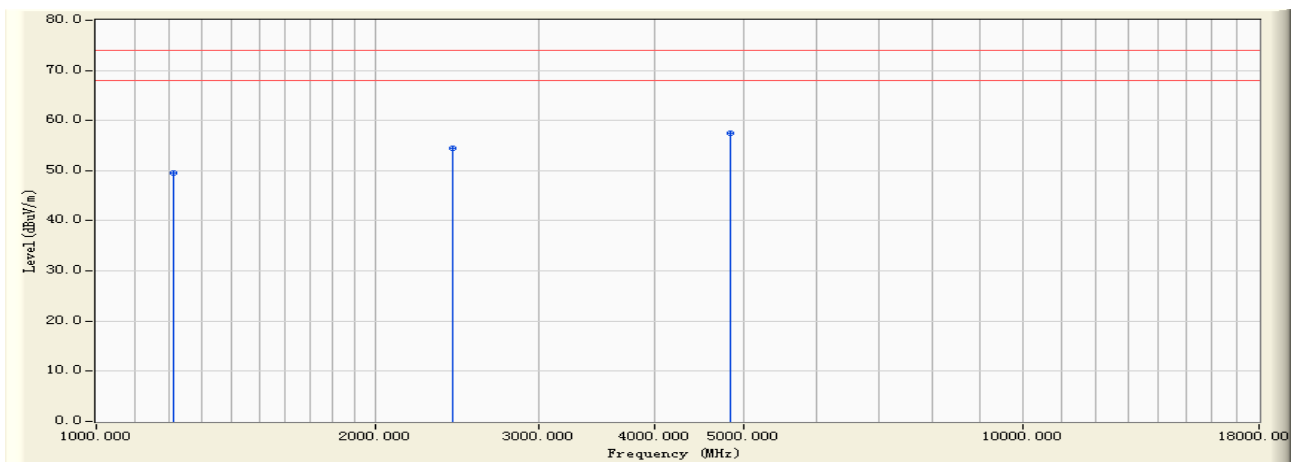
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:01
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2422MHz)



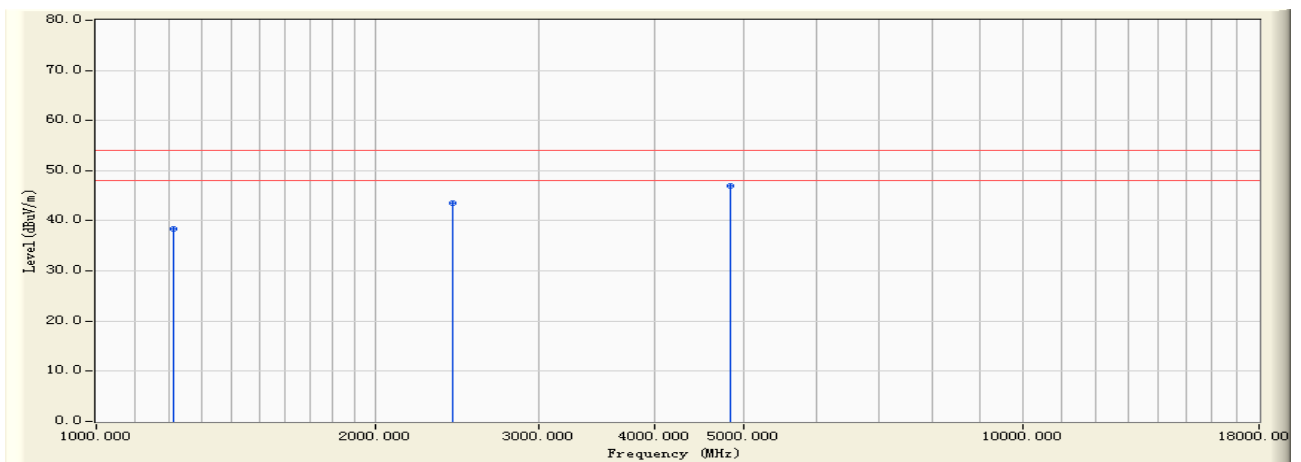
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1213.570	-5.819	55.360	49.541	-24.459	74.000	PEAK
2		2422.050	0.463	54.030	54.493	-19.507	74.000	PEAK
3	*	4845.610	7.392	50.190	57.583	-16.417	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:01
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2422MHz)



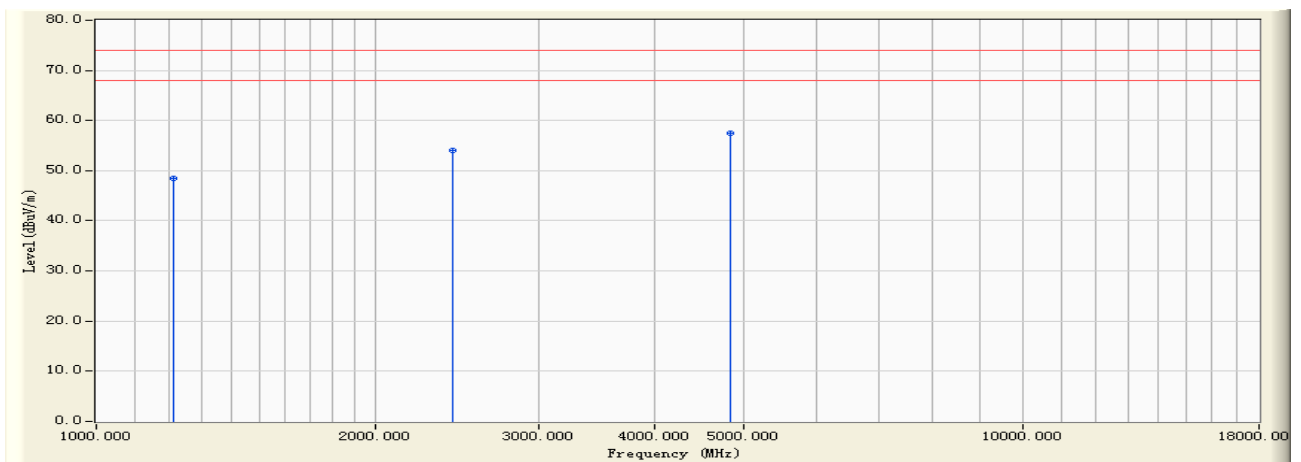
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1213.570	-5.819	44.260	38.441	-15.559	54.000	AVERAGE
2		2422.050	0.463	43.050	43.513	-10.487	54.000	AVERAGE
3	*	4845.610	7.392	39.520	46.913	-7.087	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:02
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2422MHz)



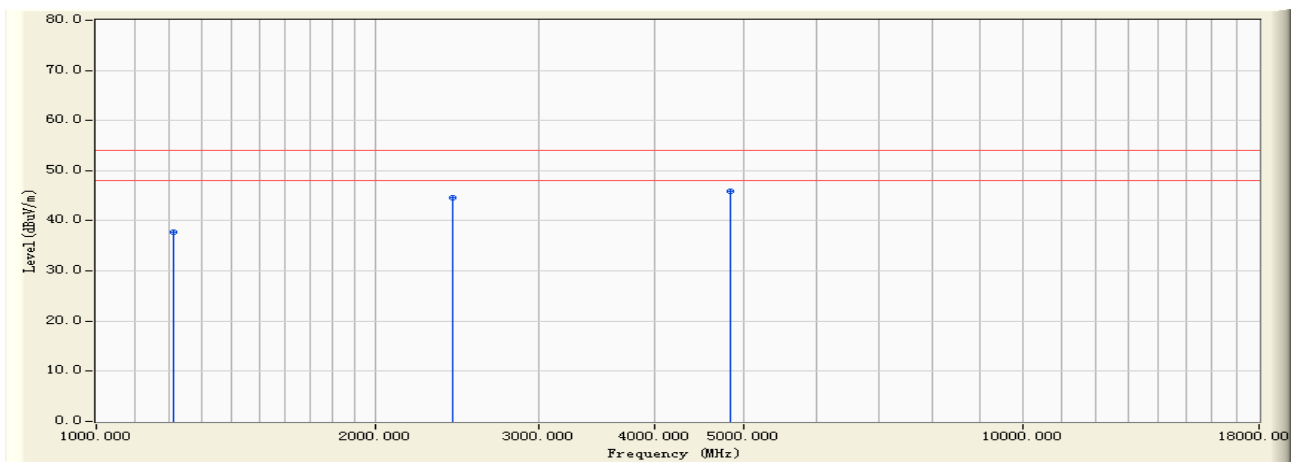
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1213.260	-5.822	54.350	48.528	-25.472	74.000	PEAK
2		2423.060	0.466	53.680	54.146	-19.854	74.000	PEAK
3	*	4844.150	7.389	50.160	57.549	-16.451	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:02
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2422MHz)



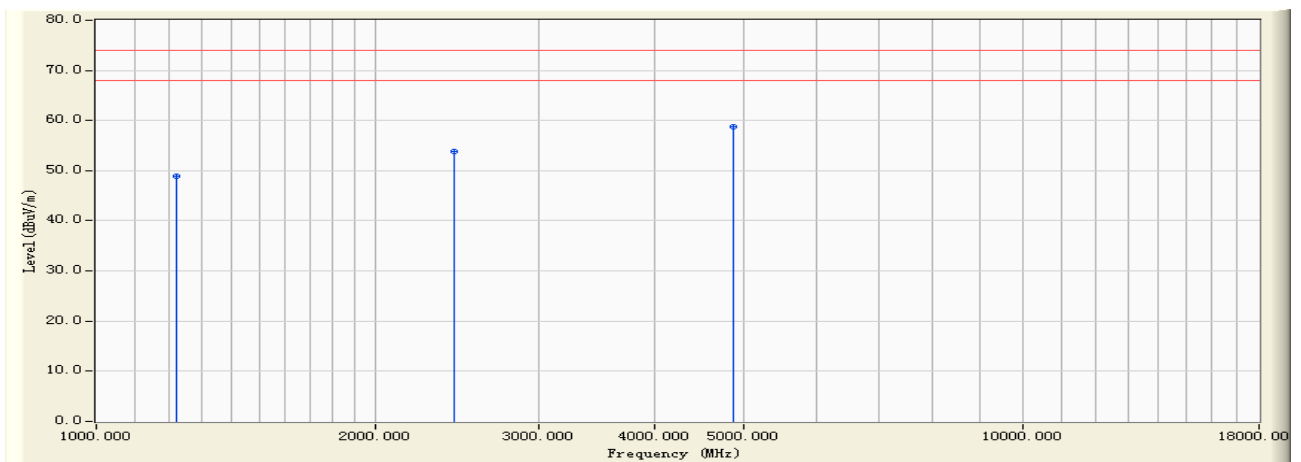
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1213.260	-5.822	43.580	37.758	-16.242	54.000	AVERAGE
2		2423.060	0.466	44.170	44.636	-9.364	54.000	AVERAGE
3	*	4844.150	7.389	38.560	45.949	-8.051	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:03
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2437MHz)



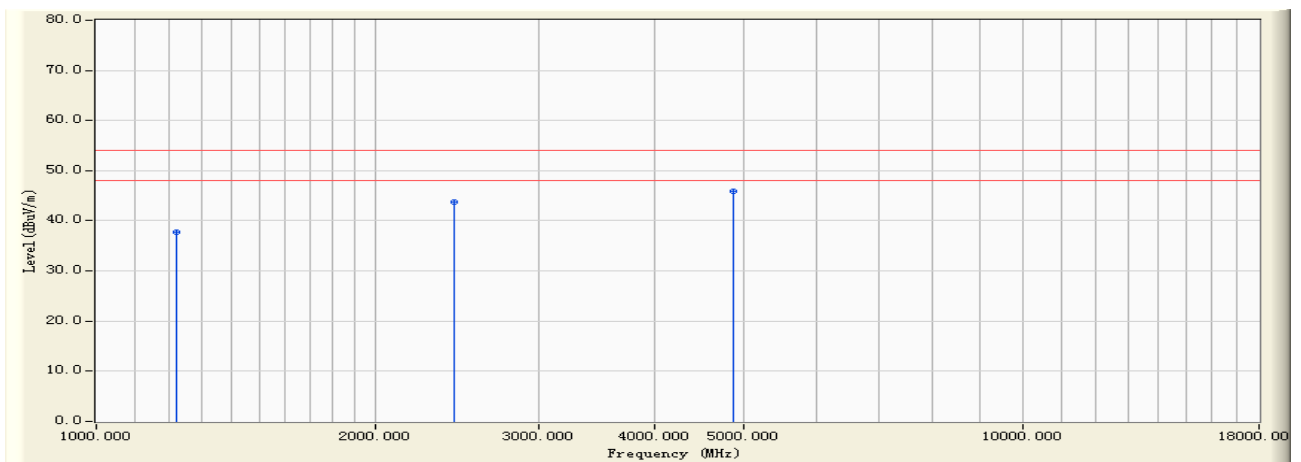
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.350	-5.748	54.690	48.942	-25.058	74.000	PEAK
2		2437.060	0.509	53.260	53.769	-20.231	74.000	PEAK
3	*	4876.240	7.461	51.290	58.751	-15.249	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:03
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2437MHz)



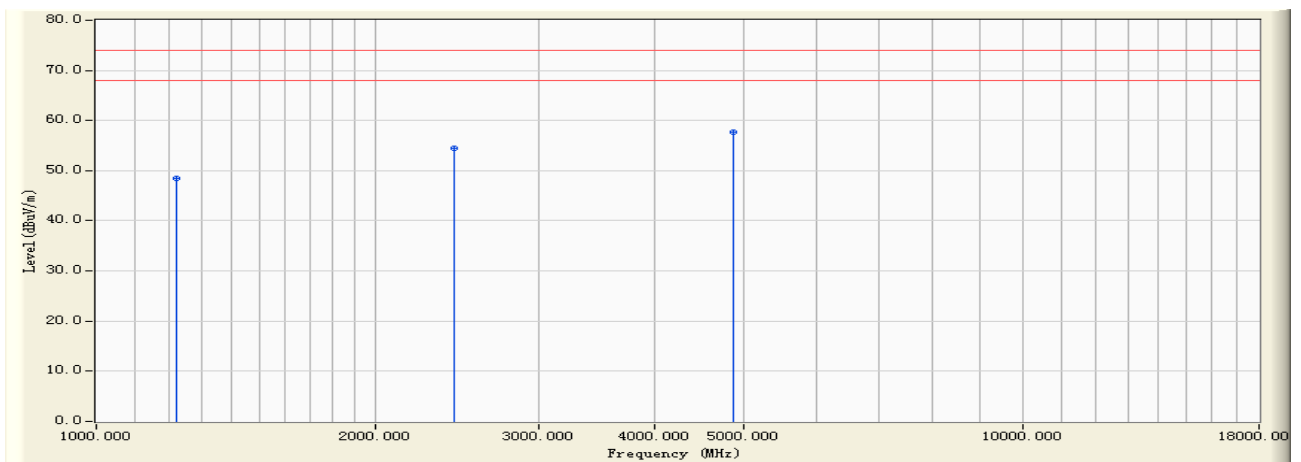
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.350	-5.748	43.570	37.822	-16.178	54.000	AVERAGE
2		2437.060	0.509	43.240	43.749	-10.251	54.000	AVERAGE
3	*	4876.240	7.461	38.520	45.981	-8.019	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:05
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2437MHz)



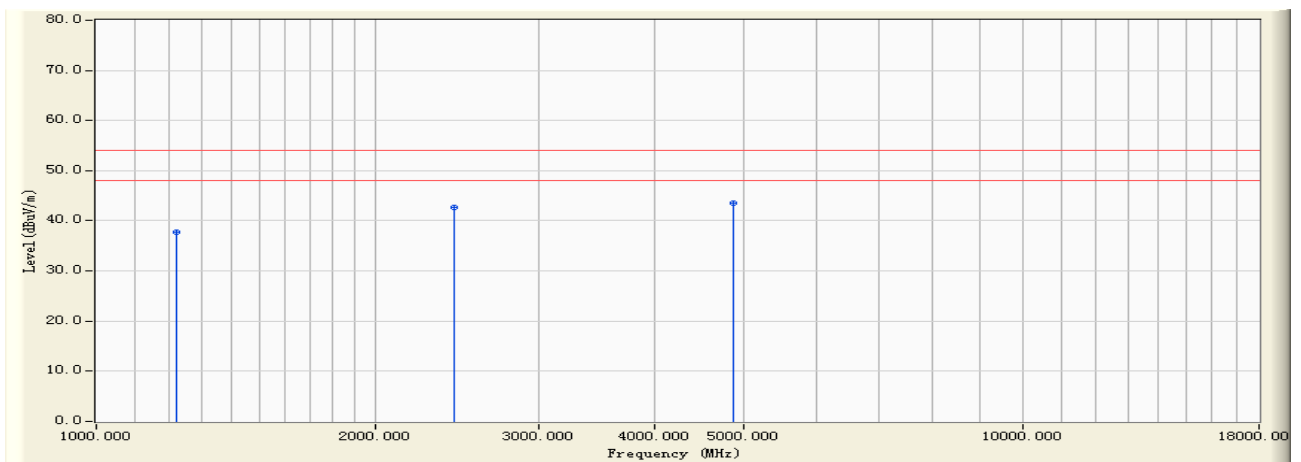
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.360	-5.748	54.290	48.542	-25.458	74.000	PEAK
2		2437.500	0.510	53.860	54.371	-19.629	74.000	PEAK
3	*	4875.140	7.459	50.180	57.639	-16.361	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:05
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2437MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.360	-5.748	43.590	37.842	-16.158	54.000	AVERAGE
2		2437.500	0.510	42.180	42.691	-11.309	54.000	AVERAGE
3	*	4875.140	7.459	36.160	43.619	-10.381	54.000	AVERAGE

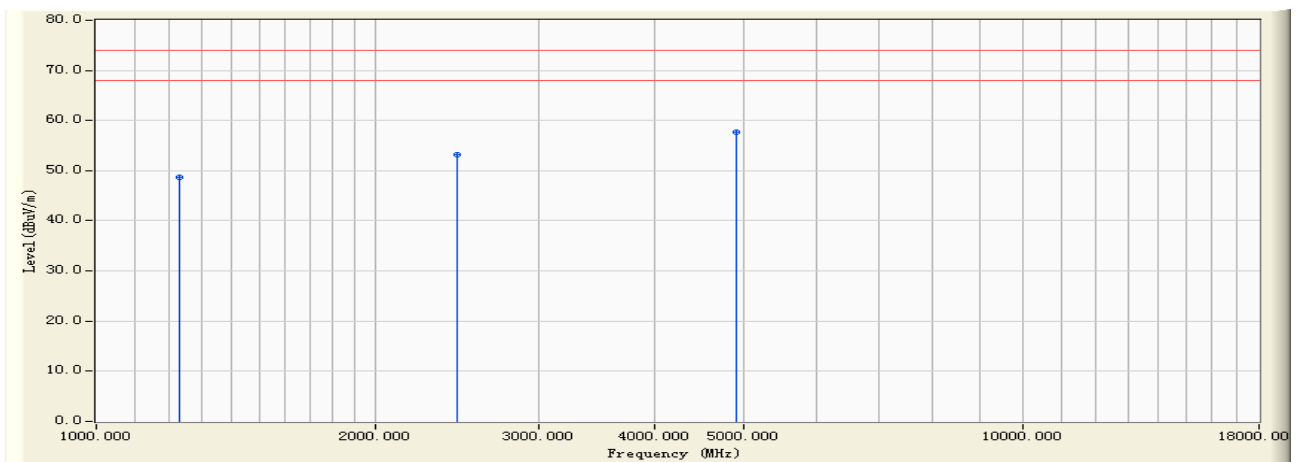
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:06
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2452MHz)



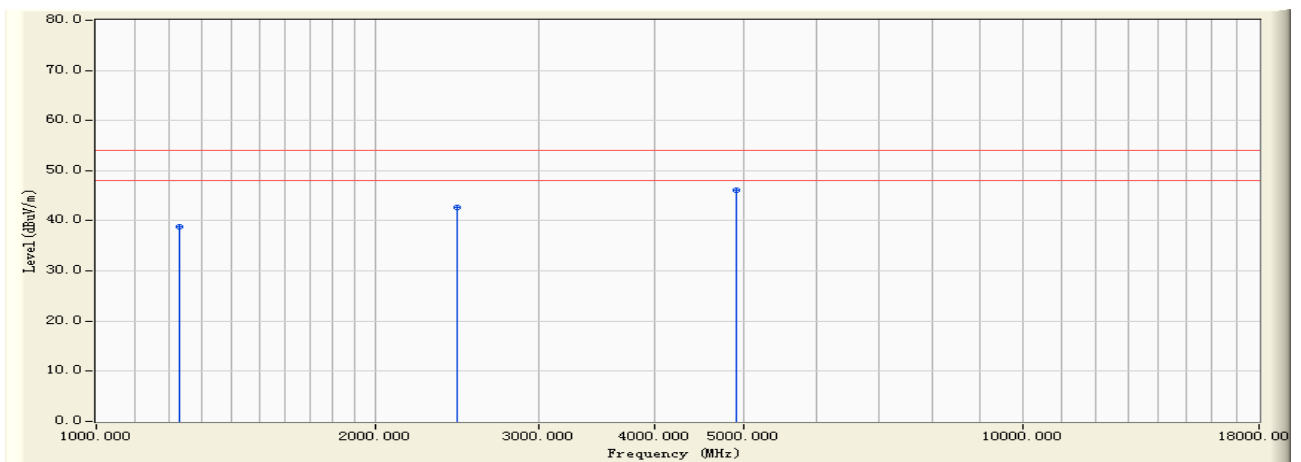
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.630	-5.657	54.290	48.633	-25.367	74.000	PEAK
2		2452.130	0.560	52.680	53.240	-20.760	74.000	PEAK
3	*	4905.630	7.527	50.230	57.757	-16.243	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:06
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2452MHz)



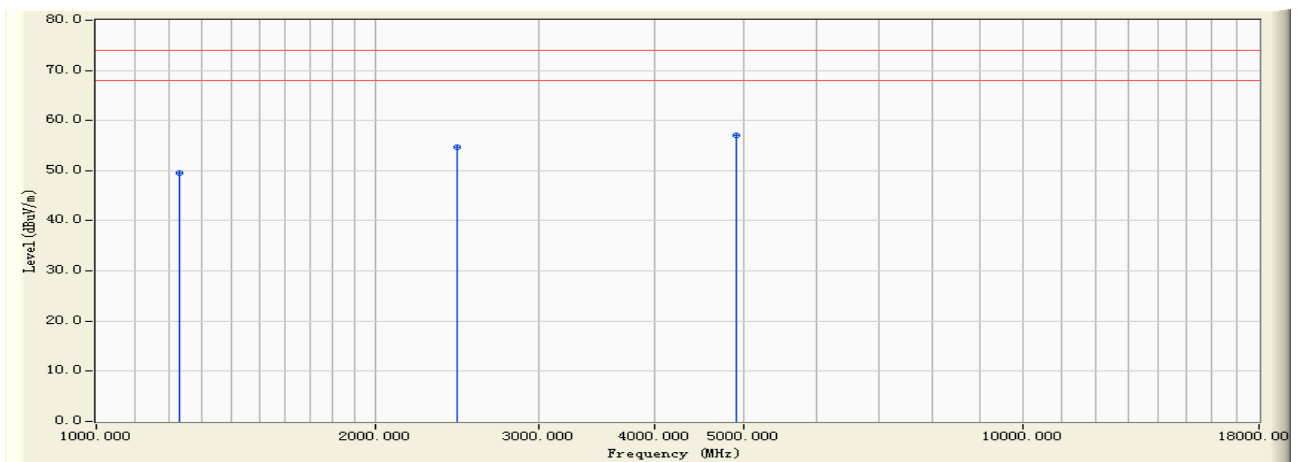
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.630	-5.657	44.570	38.913	-15.087	54.000	AVERAGE
2		2452.130	0.560	42.180	42.740	-11.260	54.000	AVERAGE
3	*	4905.630	7.527	38.540	46.067	-7.933	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:07
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2452MHz)



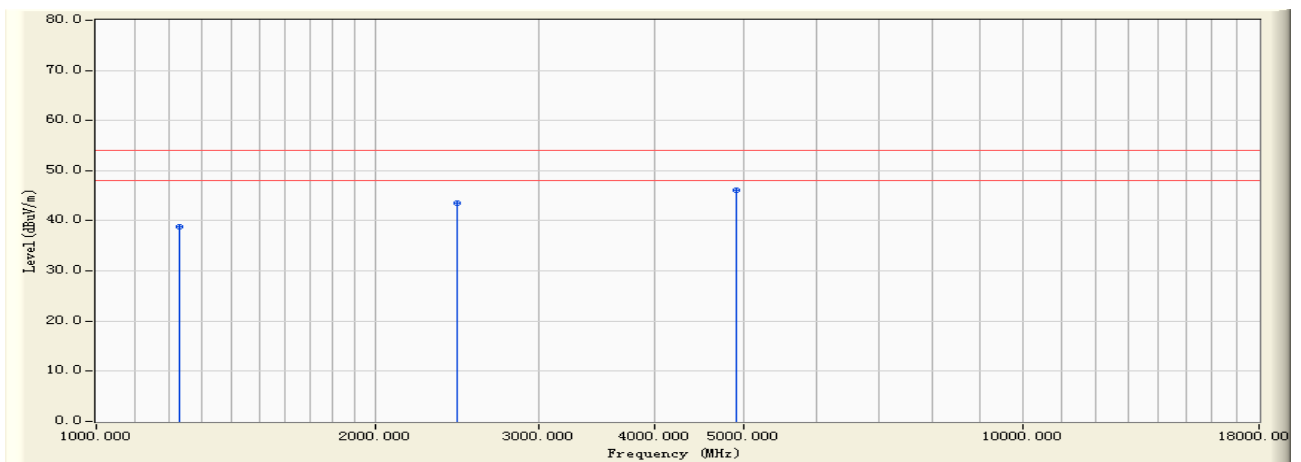
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1227.560	-5.669	55.310	49.641	-24.359	74.000	PEAK
2		2452.050	0.560	54.230	54.790	-19.210	74.000	PEAK
3	*	4906.310	7.529	49.580	57.108	-16.892	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:07
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2452MHz)



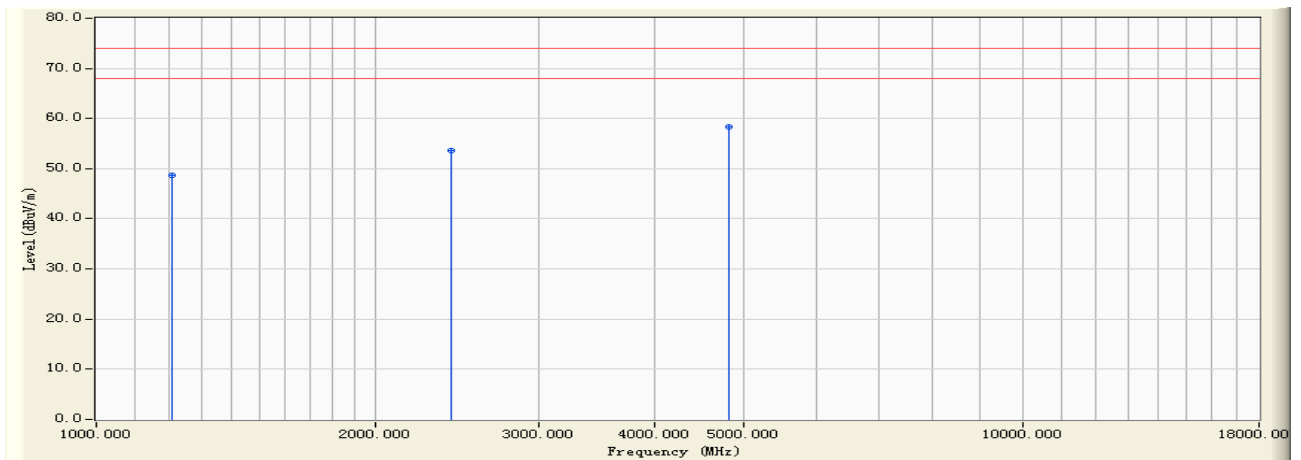
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1227.560	-5.669	44.580	38.911	-15.089	54.000	AVERAGE
2		2452.050	0.560	43.060	43.620	-10.380	54.000	AVERAGE
3	*	4906.310	7.529	38.510	46.038	-7.962	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:10
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



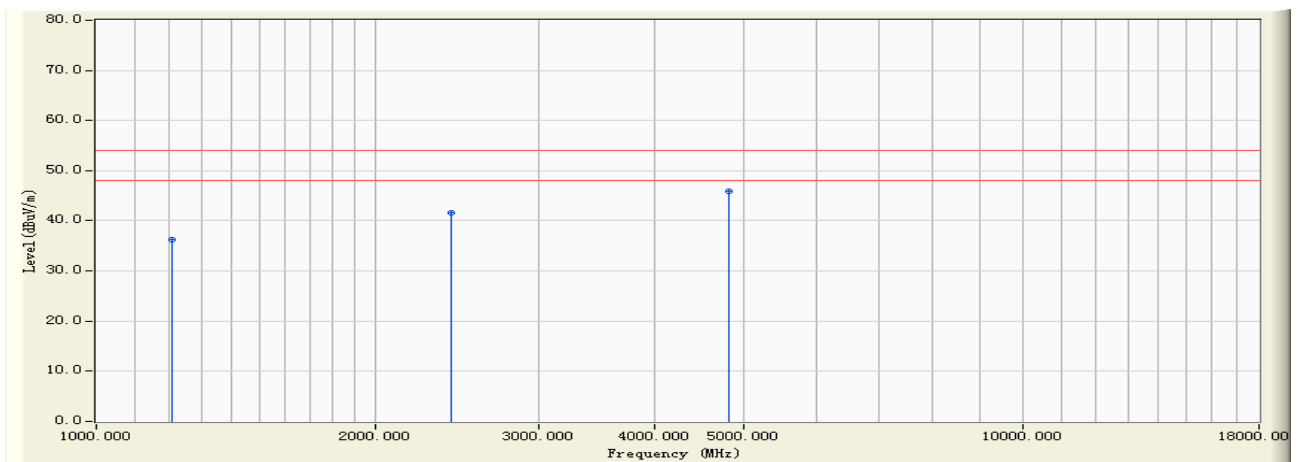
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1208.630	-5.871	54.580	48.710	-25.290	74.000	PEAK
2		2412.340	0.429	53.290	53.720	-20.280	74.000	PEAK
3	*	4824.170	7.348	50.950	58.298	-15.702	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:10
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



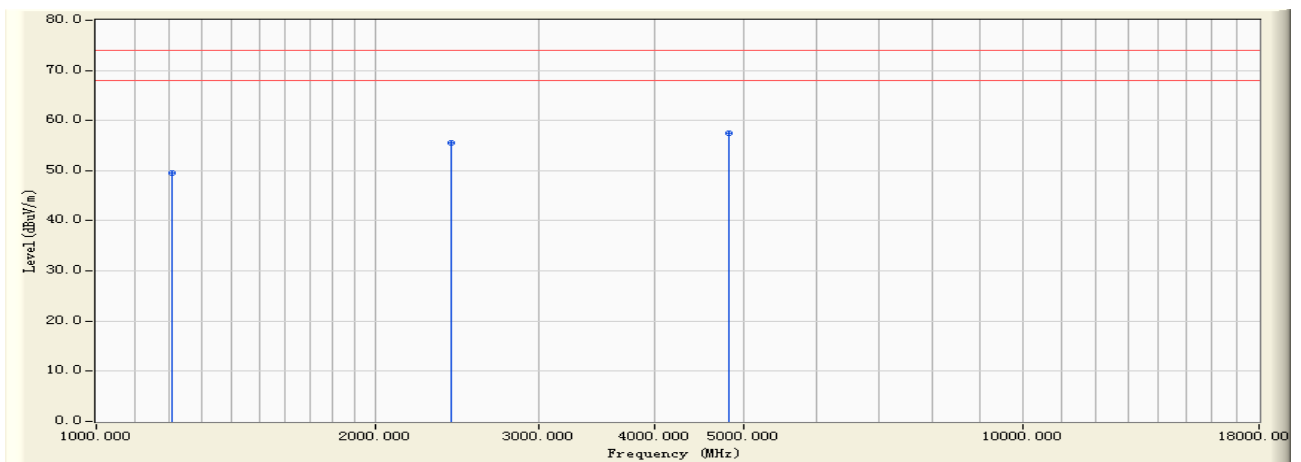
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1208.630	-5.871	42.190	36.320	-17.680	54.000	AVERAGE
2	2412.340	0.429	41.260	41.690	-12.310	54.000	AVERAGE
3	* 4824.170	7.348	38.520	45.868	-8.132	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:13
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



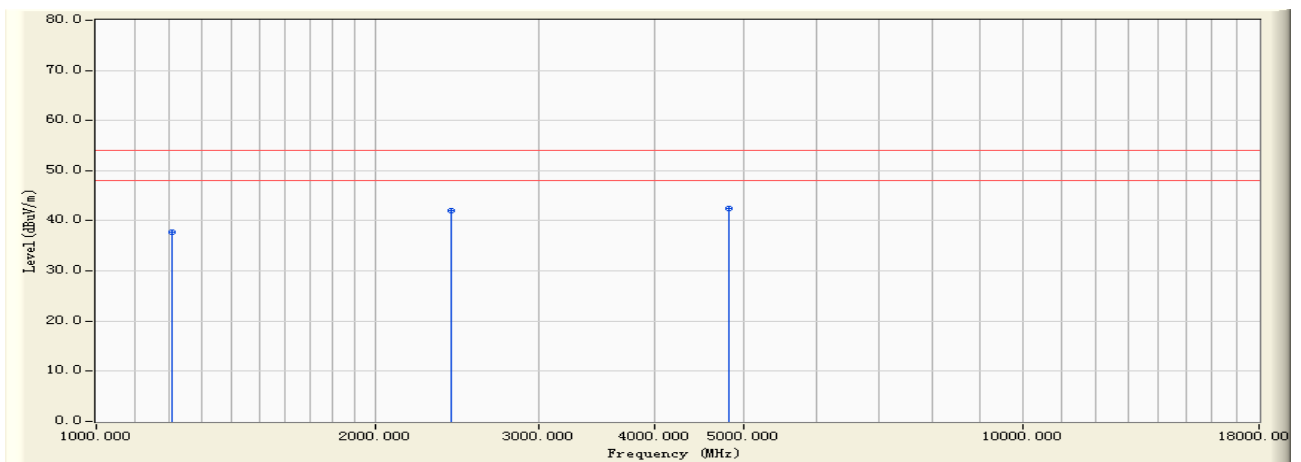
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1208.570	-5.871	55.310	49.439	-24.561	74.000	PEAK
2		2412.360	0.429	55.140	55.570	-18.430	74.000	PEAK
3	*	4825.370	7.350	50.190	57.541	-16.459	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:13
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1208.570	-5.871	43.590	37.719	-16.281	54.000	AVERAGE
2		2412.360	0.429	41.630	42.060	-11.940	54.000	AVERAGE
3	*	4825.370	7.350	35.060	42.411	-11.589	54.000	AVERAGE

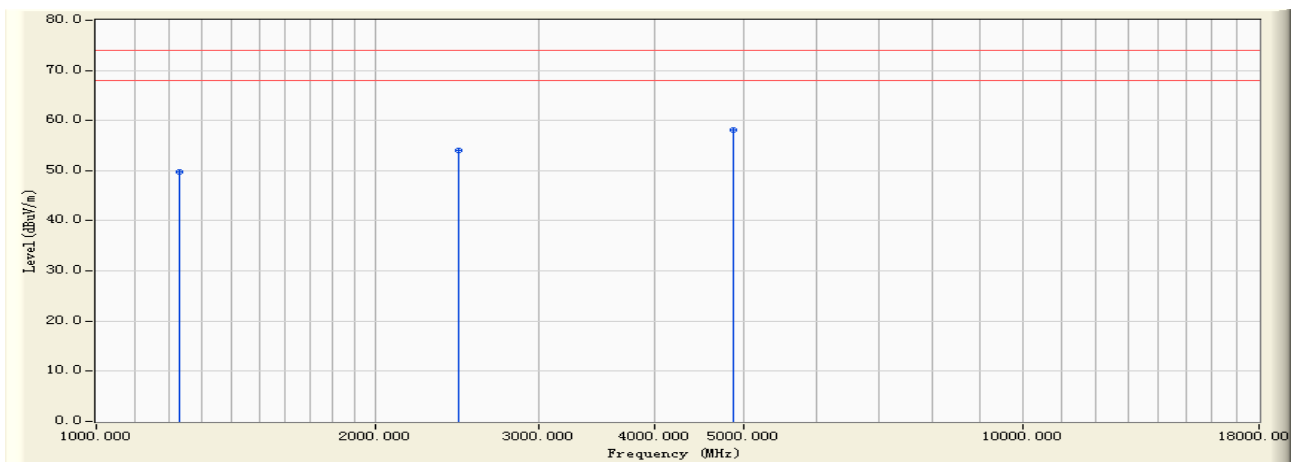
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:15
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)



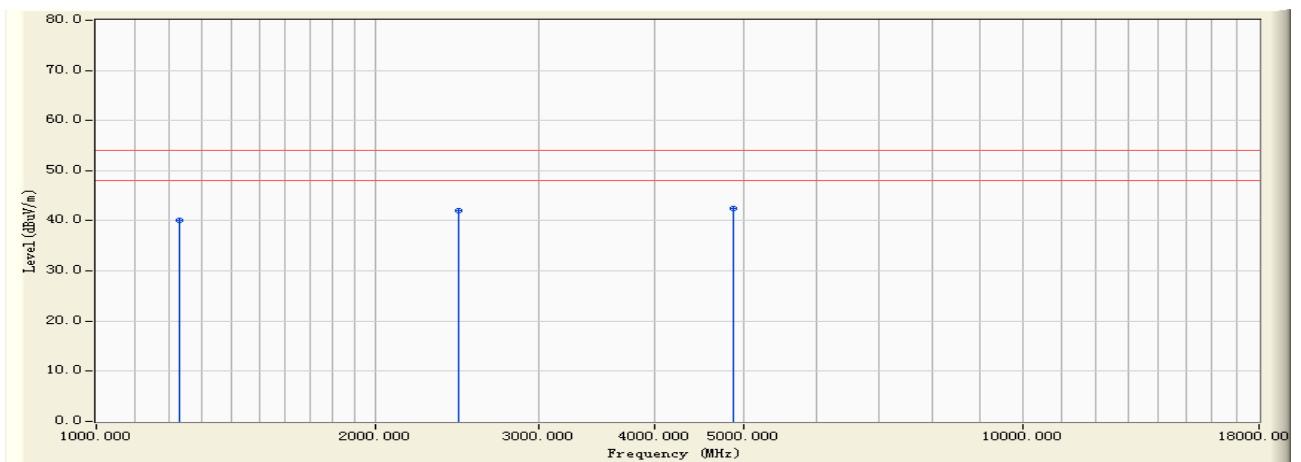
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1231.650	-5.623	55.380	49.757	-24.243	74.000	PEAK
2		2462.050	0.600	53.480	54.080	-19.920	74.000	PEAK
3	*	4875.360	7.459	50.560	58.020	-15.980	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:15
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)



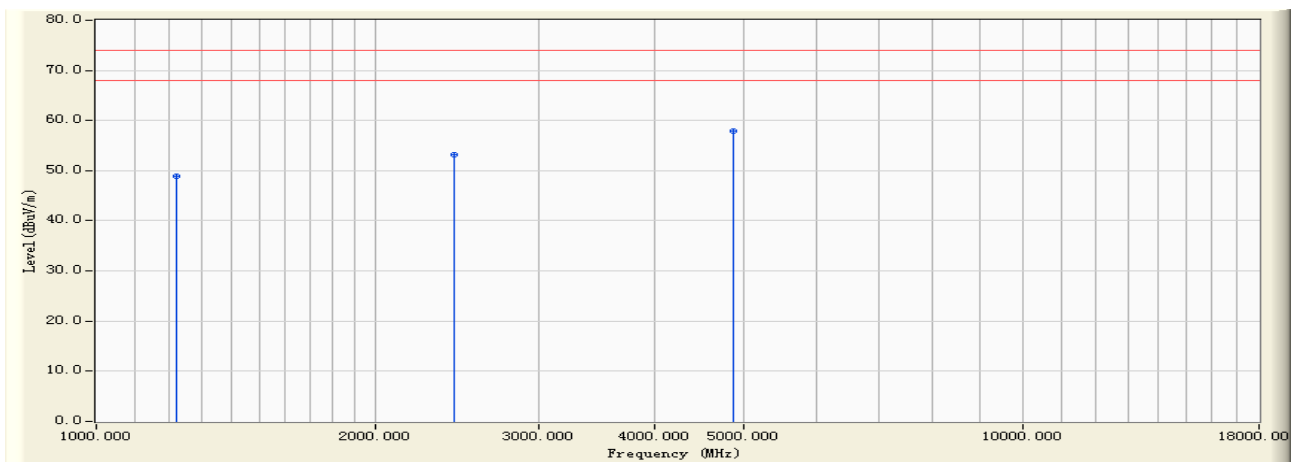
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1231.650	-5.623	45.630	40.007	-13.993	54.000	AVERAGE
2		2462.050	0.600	41.450	42.050	-11.950	54.000	AVERAGE
3	*	4875.360	7.459	35.030	42.490	-11.510	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:16
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)



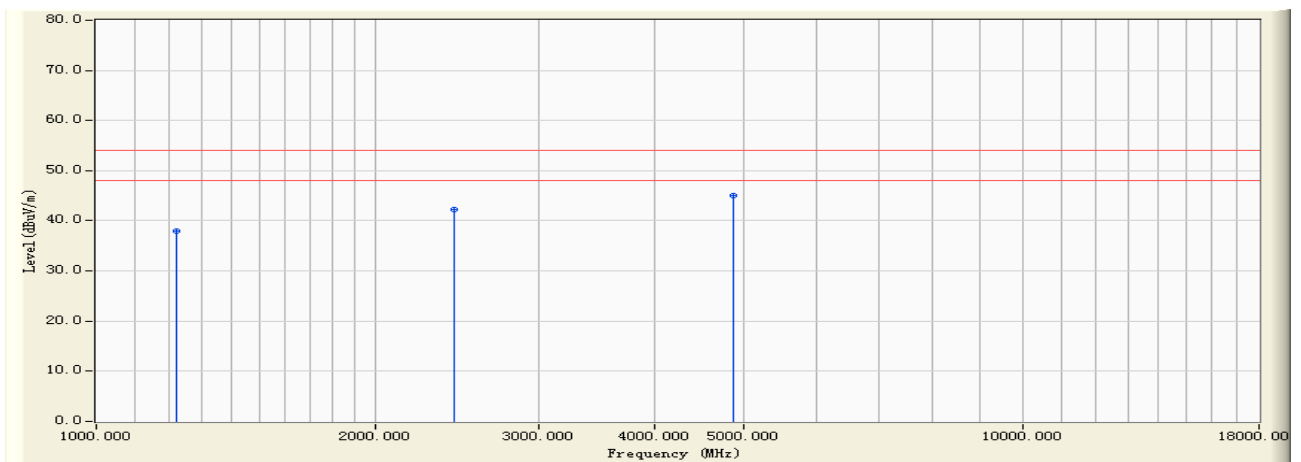
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.340	-5.748	54.630	48.882	-25.118	74.000	PEAK
2		2438.150	0.513	52.670	53.183	-20.817	74.000	PEAK
3	*	4876.590	7.462	50.510	57.972	-16.028	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:16
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)



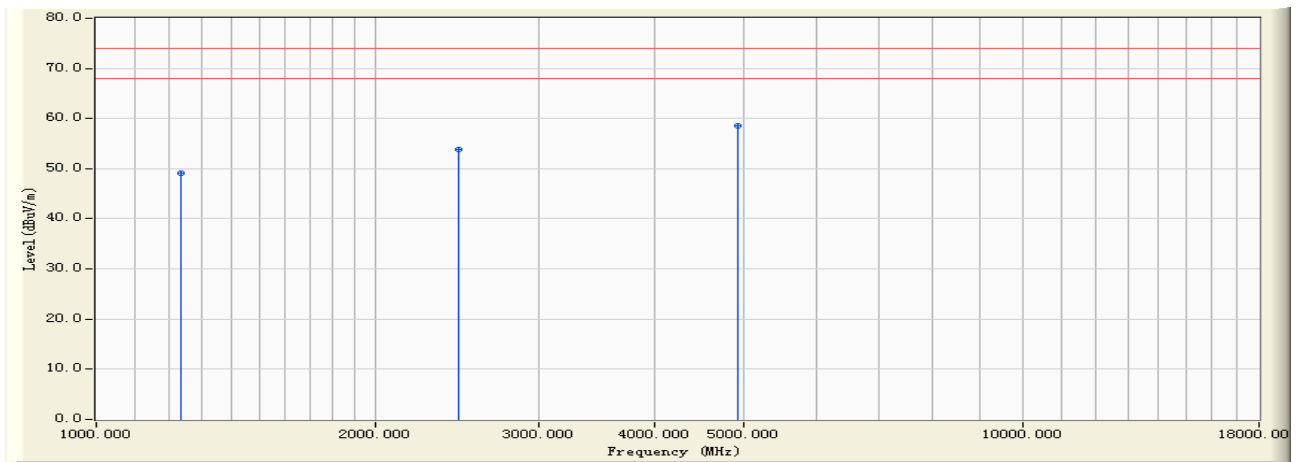
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.340	-5.748	43.650	37.902	-16.098	54.000	AVERAGE
2		2438.150	0.513	41.680	42.193	-11.807	54.000	AVERAGE
3	*	4876.590	7.462	37.540	45.002	-8.998	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:17
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



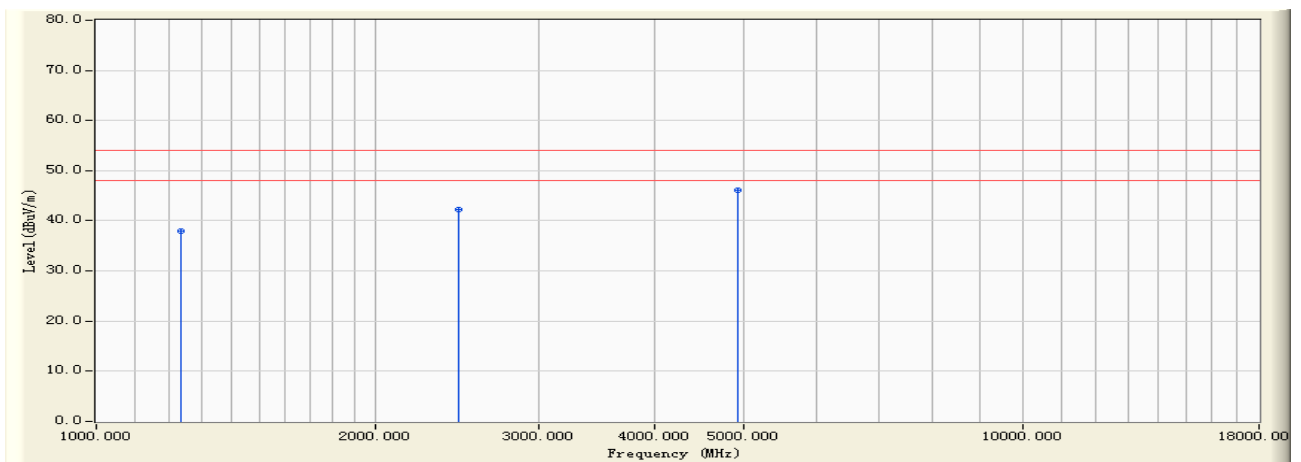
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1233.580	-5.601	54.690	49.089	-24.911	74.000	PEAK
2		2462.040	0.600	53.280	53.880	-20.120	74.000	PEAK
3	*	4926.570	7.570	51.060	58.630	-15.370	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:17
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



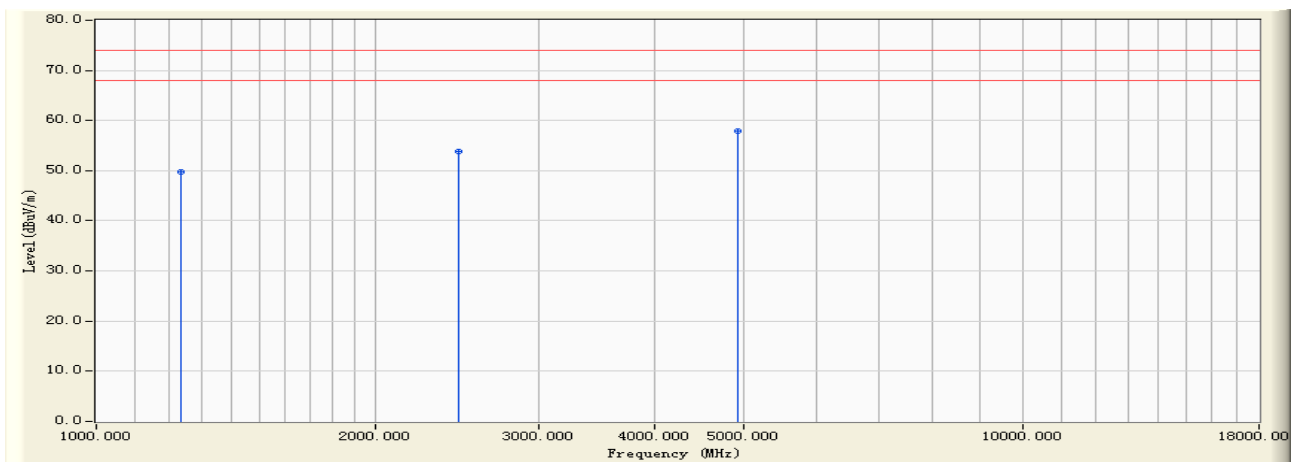
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1233.580	-5.601	43.570	37.969	-16.031	54.000	AVERAGE
2		2462.040	0.600	41.590	42.190	-11.810	54.000	AVERAGE
3	*	4926.570	7.570	38.630	46.200	-7.800	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:19
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



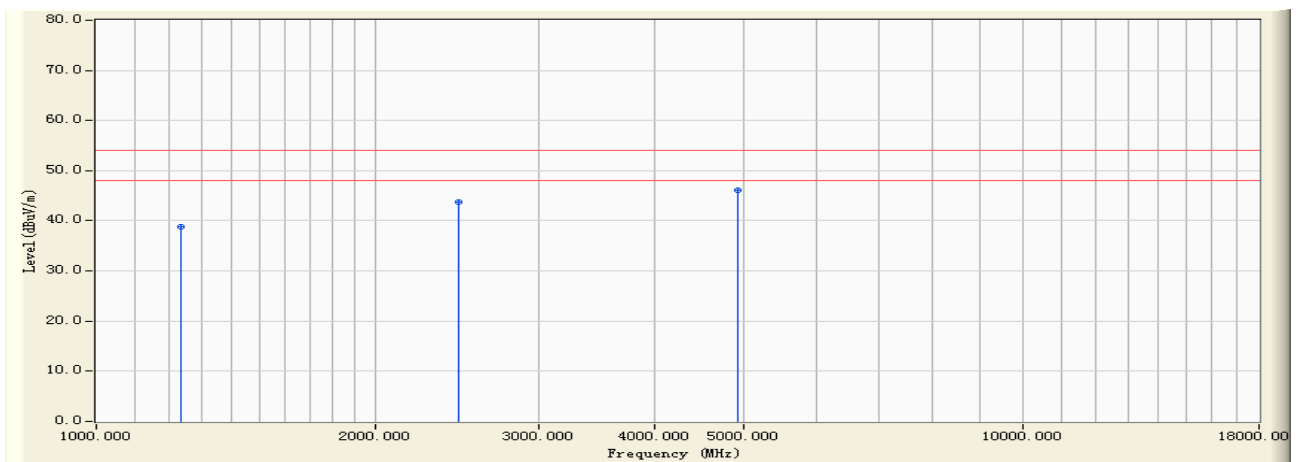
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1233.590	-5.601	55.390	49.789	-24.211	74.000	PEAK
2		2462.080	0.600	53.270	53.870	-20.130	74.000	PEAK
3	*	4926.380	7.570	50.240	57.810	-16.190	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:19
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1233.590	-5.601	44.510	38.909	-15.091	54.000	AVERAGE
2		2462.080	0.600	43.210	43.810	-10.190	54.000	AVERAGE
3	*	4926.380	7.570	38.540	46.110	-7.890	54.000	AVERAGE

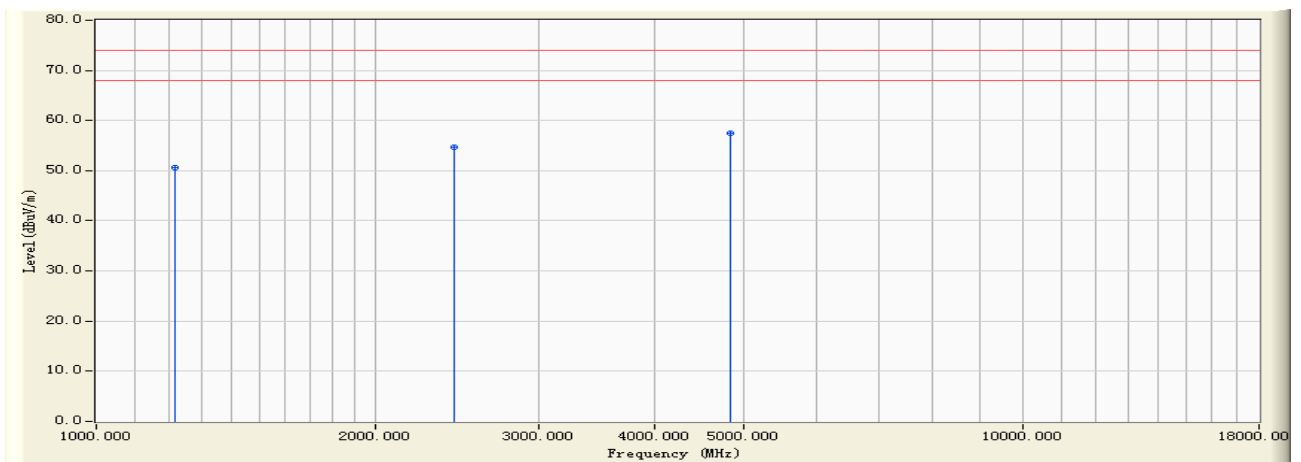
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:20
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



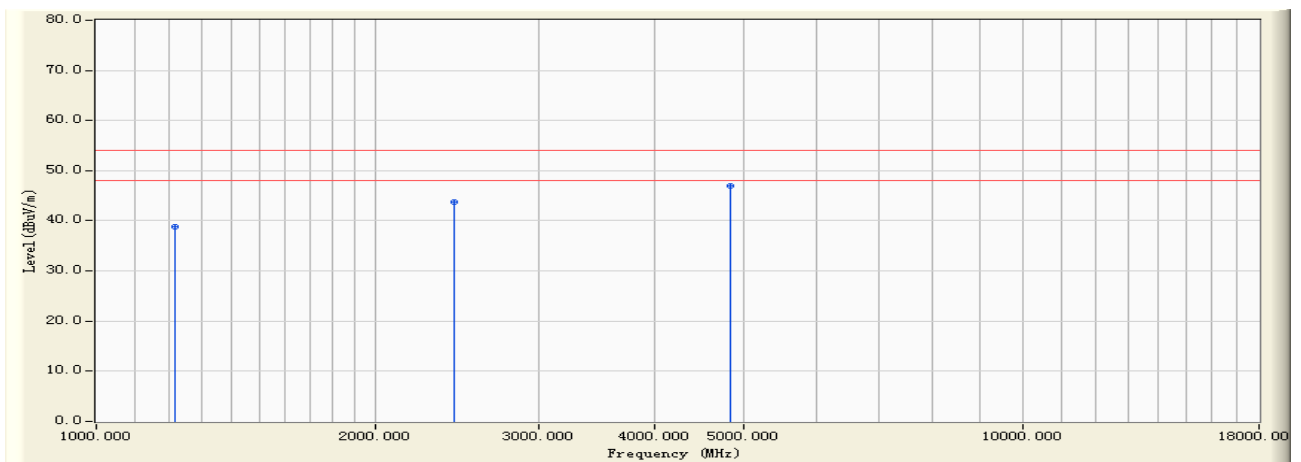
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1215.700	-5.796	56.340	50.543	-23.457	74.000	PEAK
2		2437.510	0.510	54.230	54.741	-19.259	74.000	PEAK
3	*	4845.570	7.392	50.180	57.573	-16.427	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:20
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



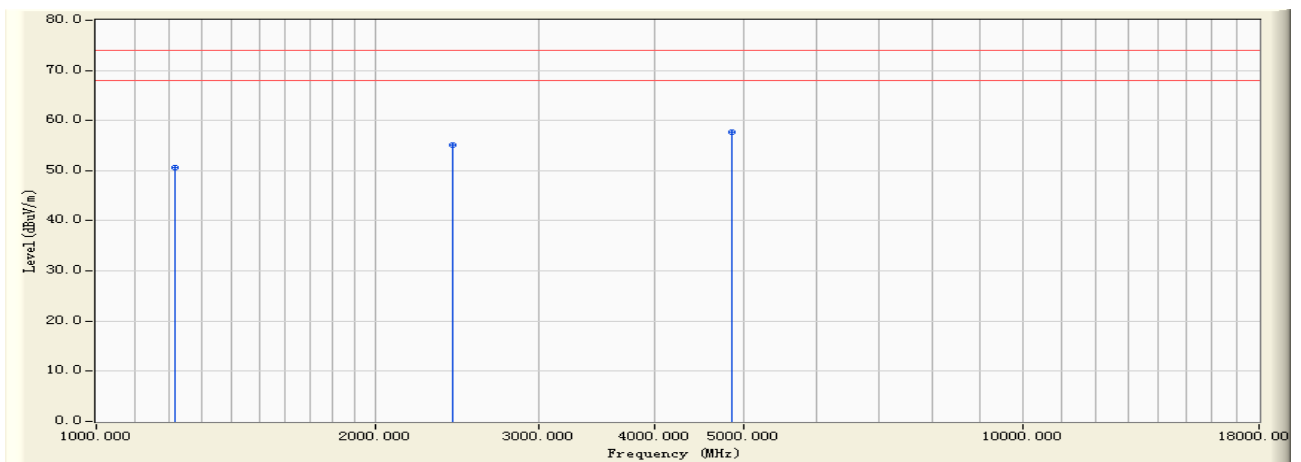
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1215.700	-5.796	44.580	38.783	-15.217	54.000	AVERAGE
2		2437.510	0.510	43.260	43.771	-10.229	54.000	AVERAGE
3	*	4845.570	7.392	39.640	47.033	-6.967	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:22
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



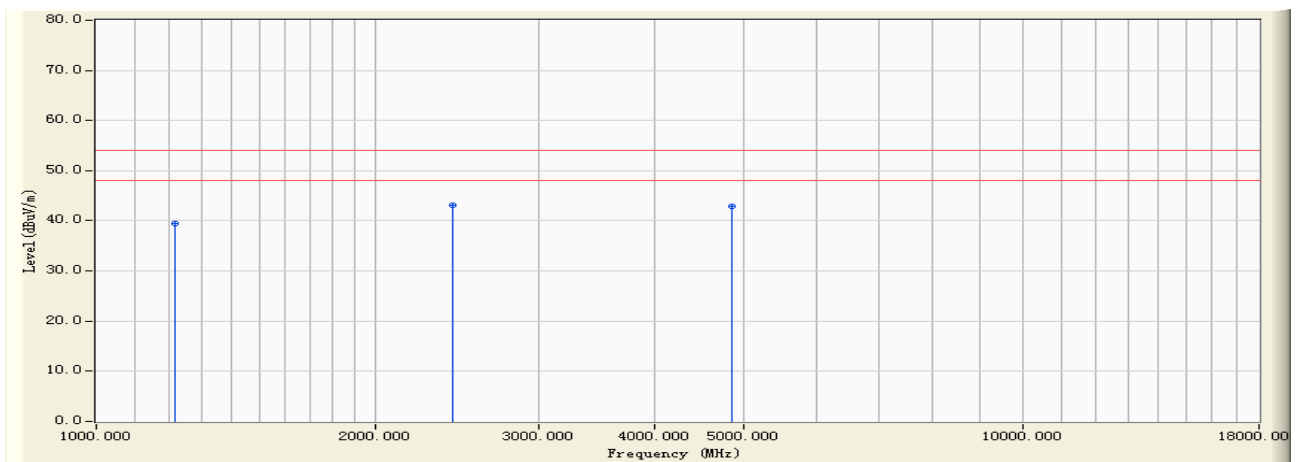
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1214.570	-5.809	56.320	50.512	-23.488	74.000	PEAK
2		2422.520	0.464	54.590	55.054	-18.946	74.000	PEAK
3	*	4846.350	7.395	50.390	57.785	-16.215	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:22
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



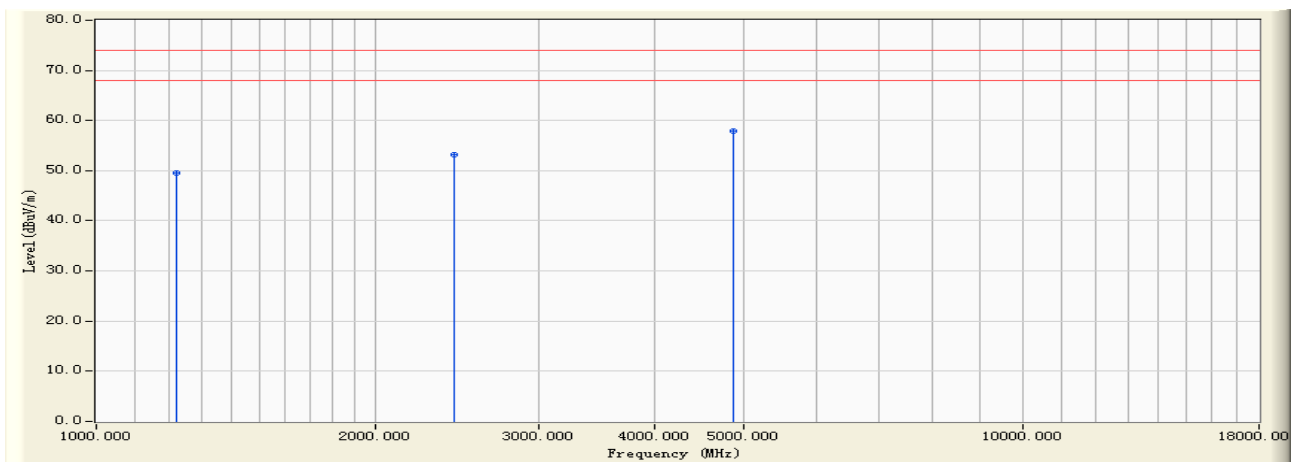
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1214.570	-5.809	45.260	39.452	-14.548	54.000	AVERAGE
2	*	2422.520	0.464	42.680	43.144	-10.856	54.000	AVERAGE
3		4846.350	7.395	35.580	42.975	-11.025	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:23
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)



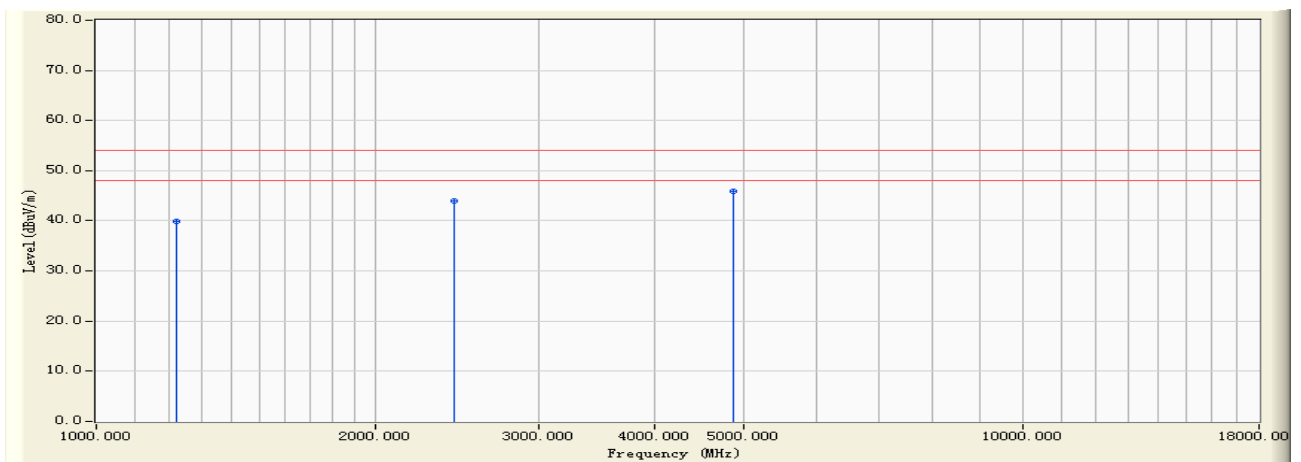
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.360	-5.748	55.320	49.572	-24.428	74.000	PEAK
2		2437.060	0.509	52.680	53.189	-20.811	74.000	PEAK
3	*	4876.340	7.462	50.380	57.842	-16.158	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:23
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)



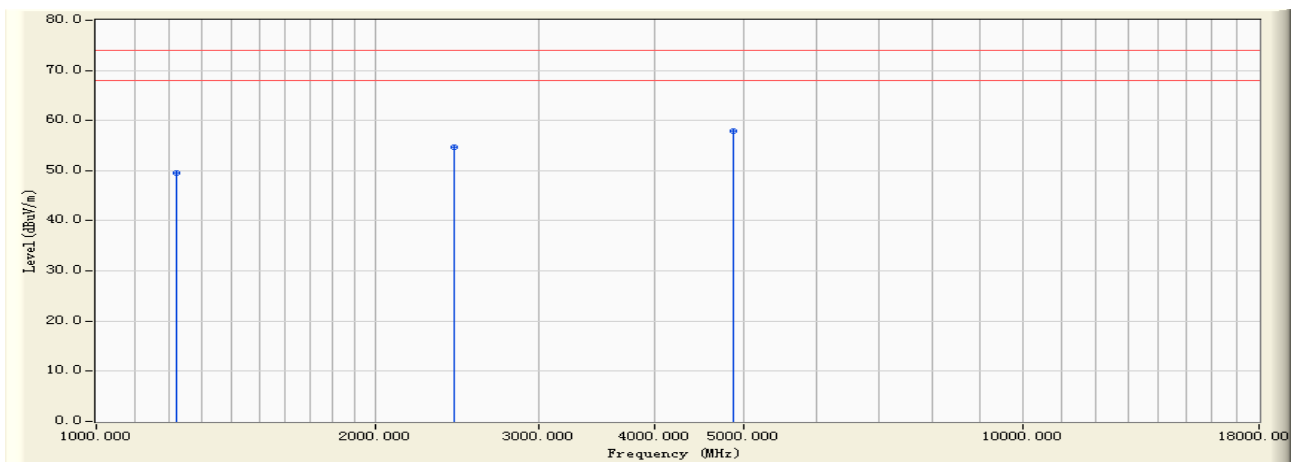
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.360	-5.748	45.560	39.812	-14.188	54.000	AVERAGE
2		2437.060	0.509	43.520	44.029	-9.971	54.000	AVERAGE
3	*	4876.340	7.462	38.520	45.982	-8.018	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:24
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)



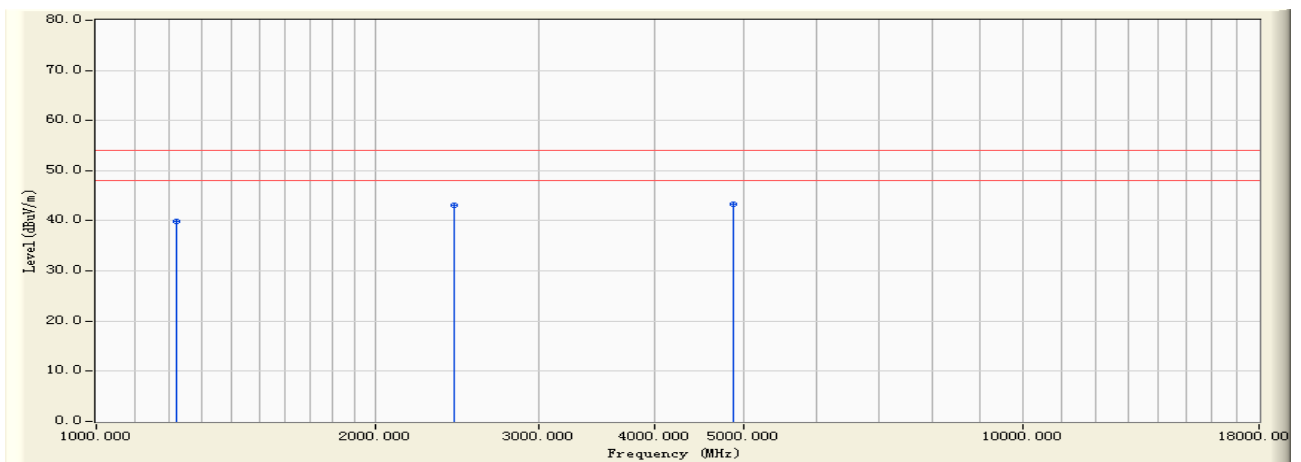
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.360	-5.759	55.370	49.612	-24.388	74.000	PEAK
2		2438.510	0.514	54.230	54.744	-19.256	74.000	PEAK
3	*	4876.310	7.462	50.350	57.812	-16.188	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:24
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1219.360	-5.759	45.630	39.872	-14.128	54.000	AVERAGE
2	2438.510	0.514	42.580	43.094	-10.906	54.000	AVERAGE
3	* 4876.310	7.462	35.920	43.382	-10.618	54.000	AVERAGE

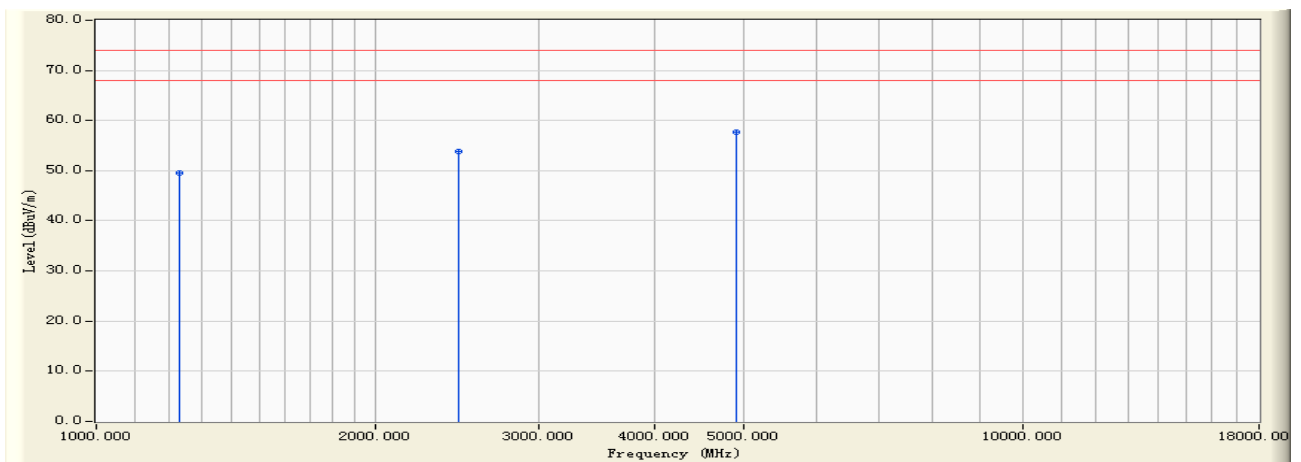
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:26
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



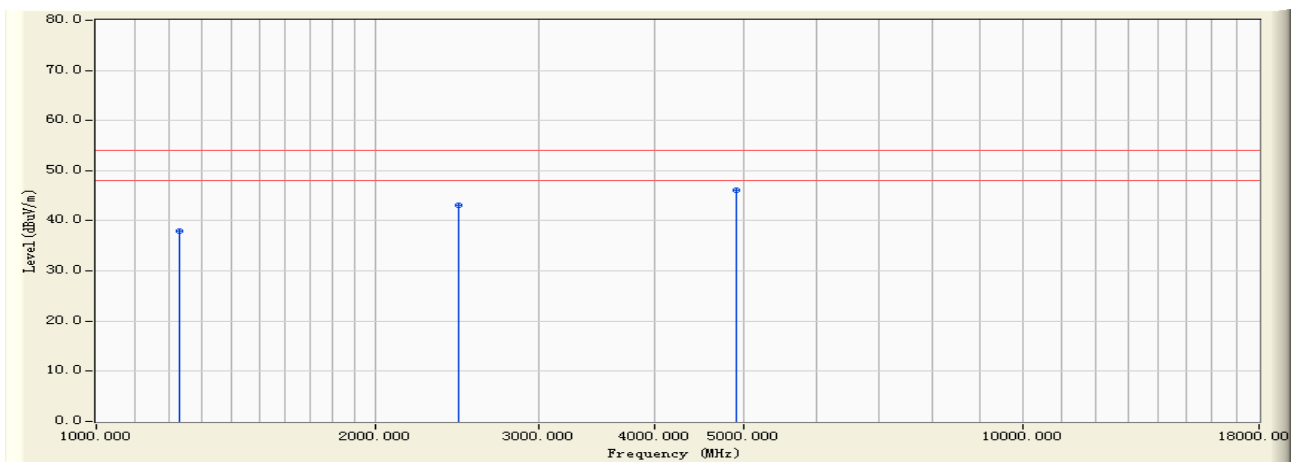
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.630	-5.657	55.290	49.633	-24.367	74.000	PEAK
2		2462.510	0.601	53.260	53.861	-20.139	74.000	PEAK
3	*	4906.580	7.529	50.150	57.679	-16.321	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:26
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



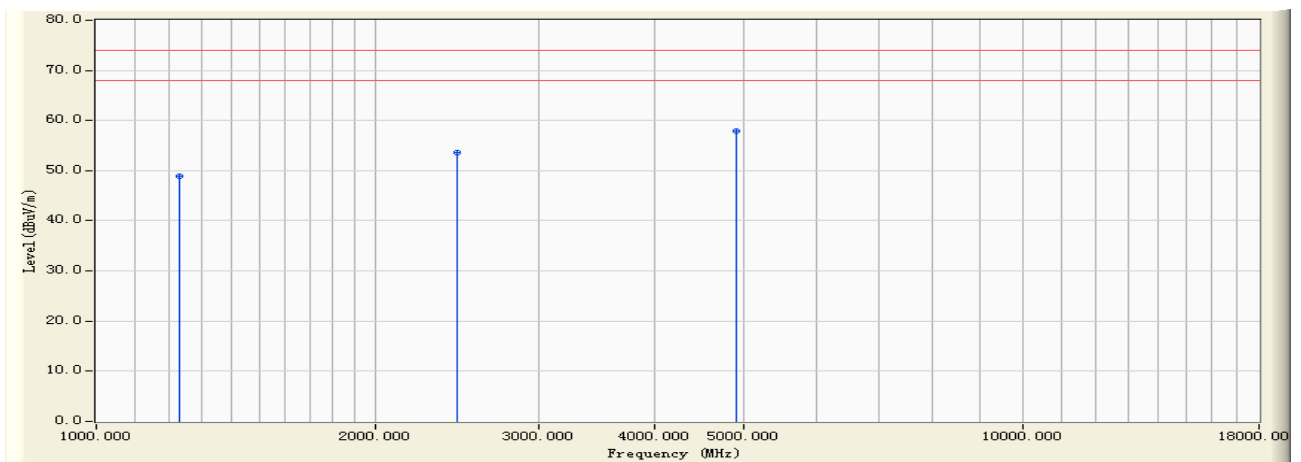
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.360	-5.660	43.570	37.910	-16.090	54.000	AVERAGE
2		2462.510	0.601	42.560	43.161	-10.839	54.000	AVERAGE
3	*	4906.580	7.529	38.520	46.049	-7.951	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:27
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



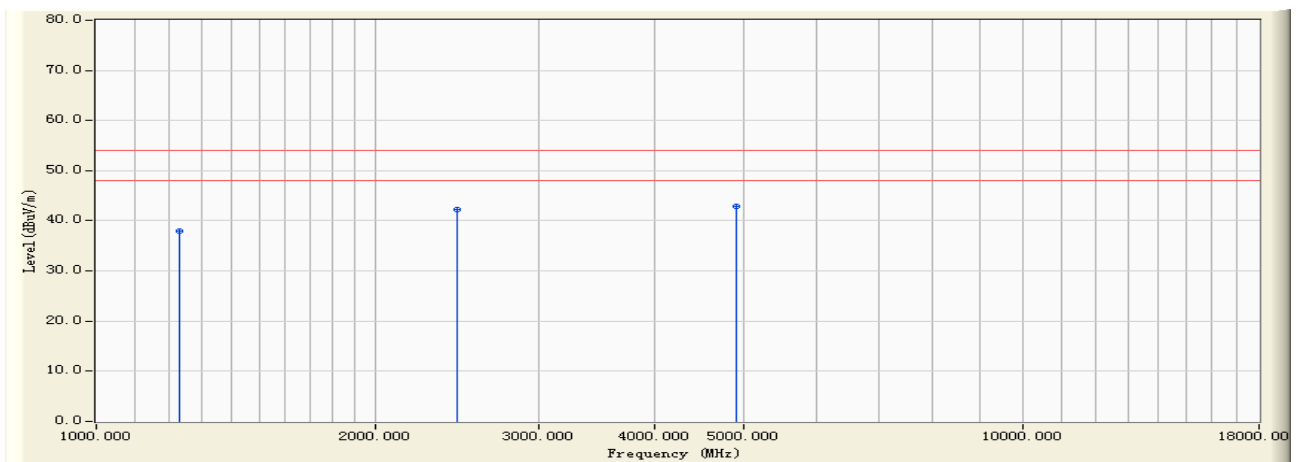
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1227.630	-5.668	54.650	48.982	-25.018	74.000	PEAK
2		2452.310	0.560	53.060	53.621	-20.379	74.000	PEAK
3	*	4905.610	7.527	50.280	57.807	-16.193	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 16:27
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



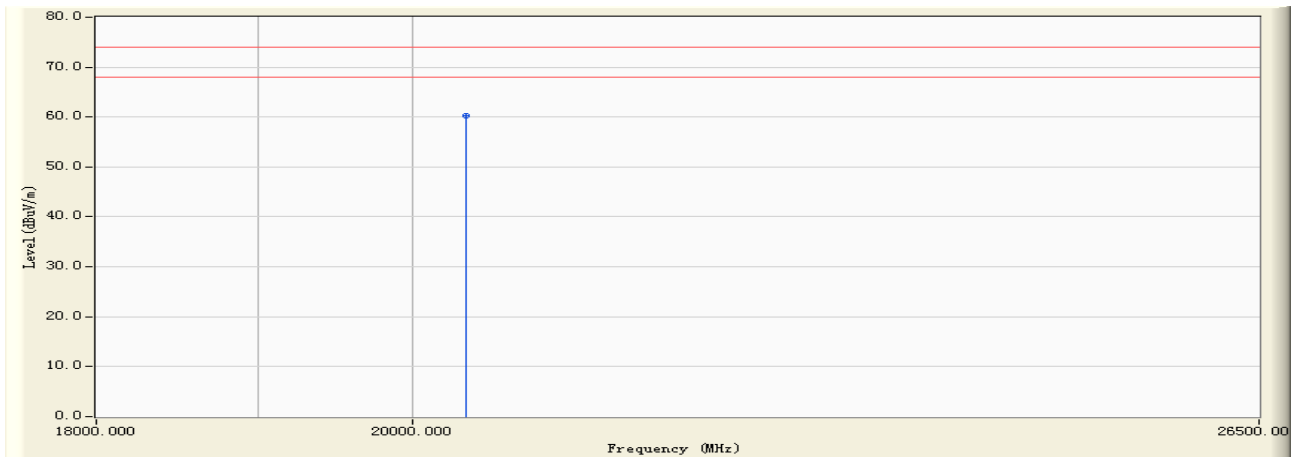
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1227.630	-5.668	43.570	37.902	-16.098	54.000	AVERAGE
2		2452.310	0.560	41.650	42.211	-11.789	54.000	AVERAGE
3	*	4905.610	7.527	35.420	42.947	-11.053	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:39
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2412MHz)



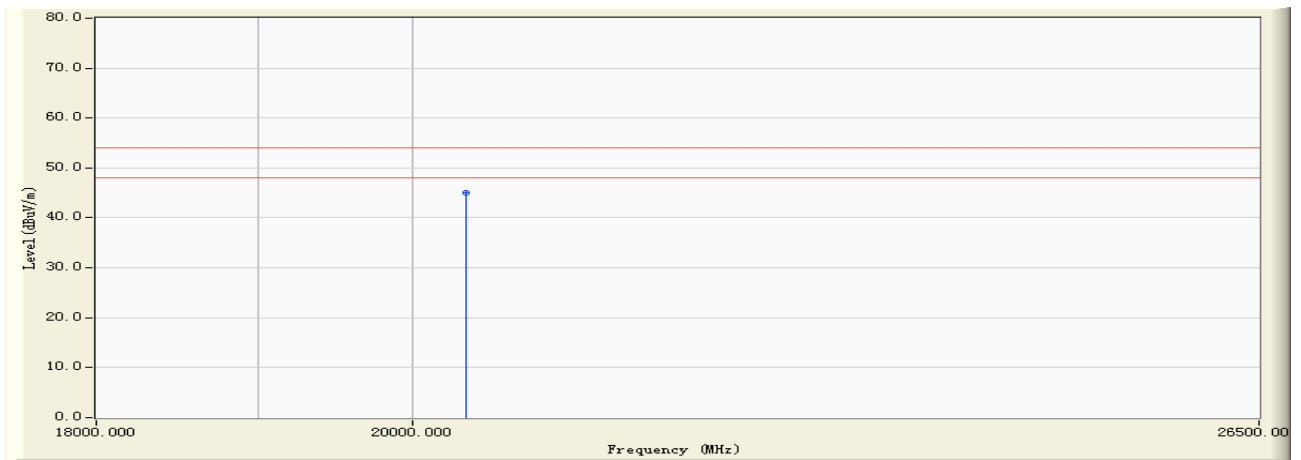
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20356.000	9.872	50.350	60.222	-13.778	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:39
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2412MHz)



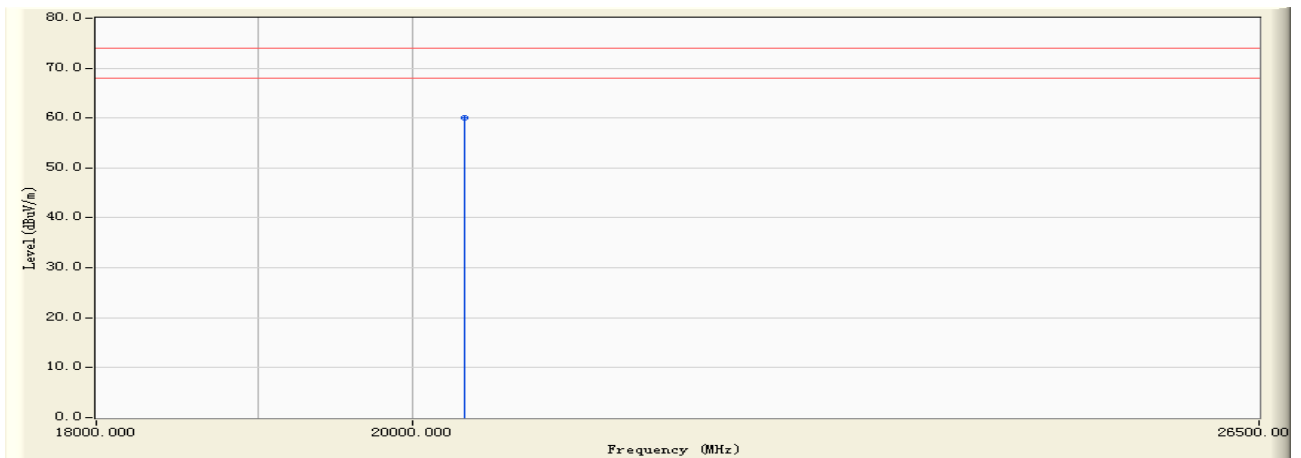
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20356.000	9.872	35.210	45.082	-8.918	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:40
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2412MHz)



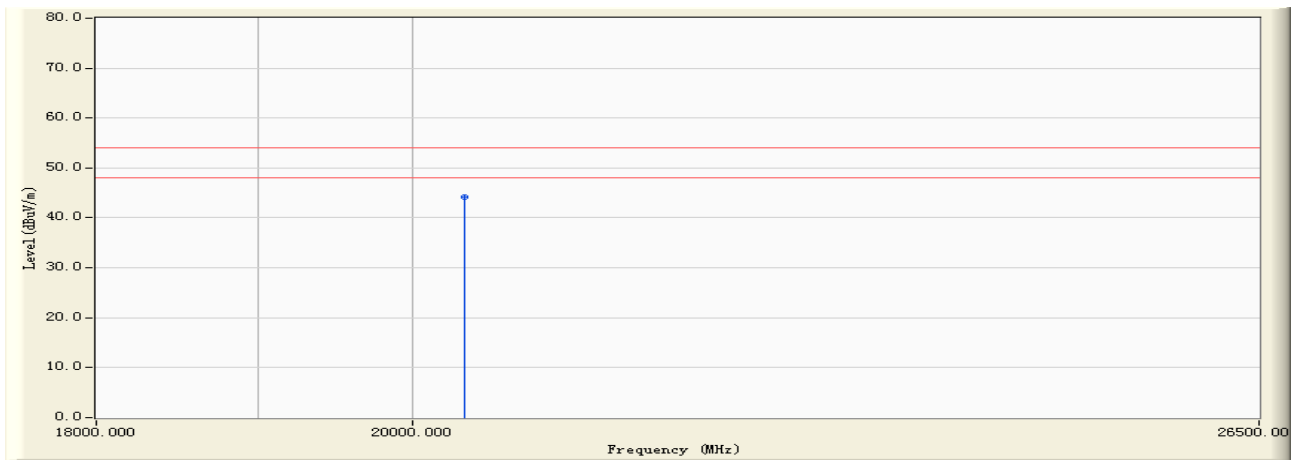
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20349.000	9.871	50.230	60.101	-13.899	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:40
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2412MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20349.000	9.871	34.250	44.121	-9.879	54.000	AVERAGE

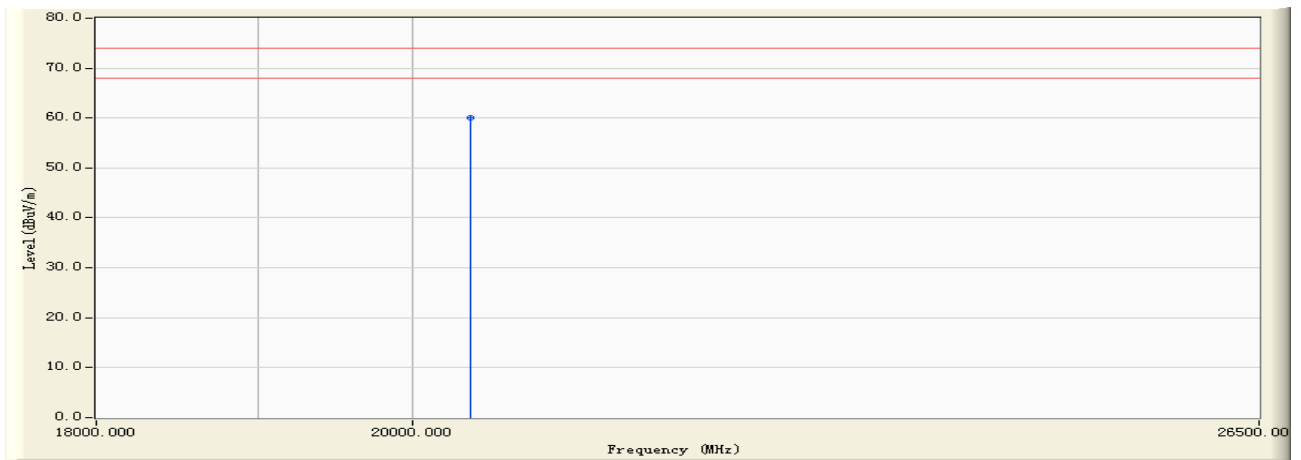
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:40
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2437MHz)



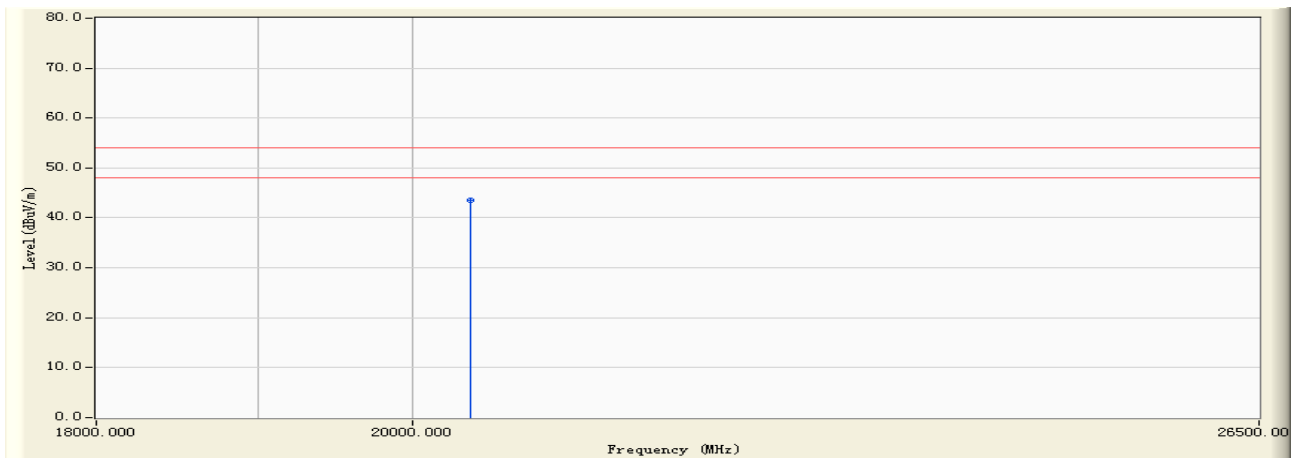
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20389.000	9.870	50.250	60.120	-13.880	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:40
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2437MHz)



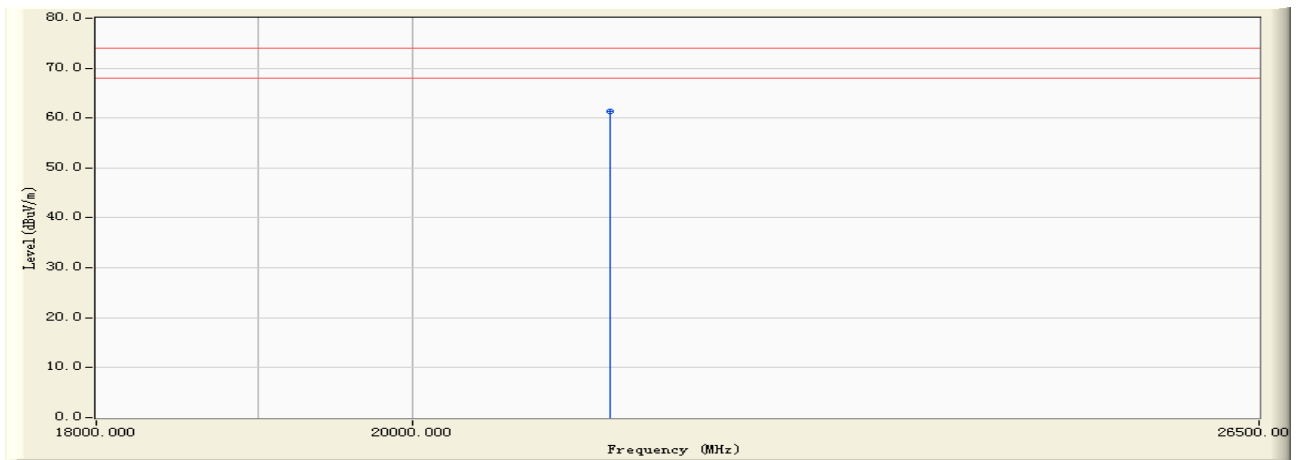
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20389.000	9.870	33.680	43.550	-10.450	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:41
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2437MHz)



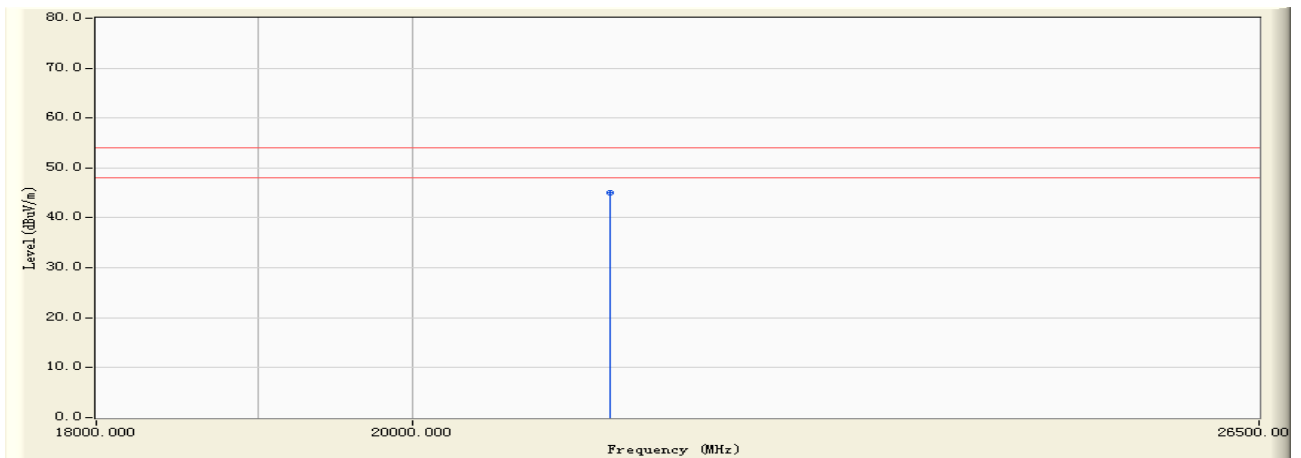
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21357.000	10.994	50.360	61.353	-12.647	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:41
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2437MHz)



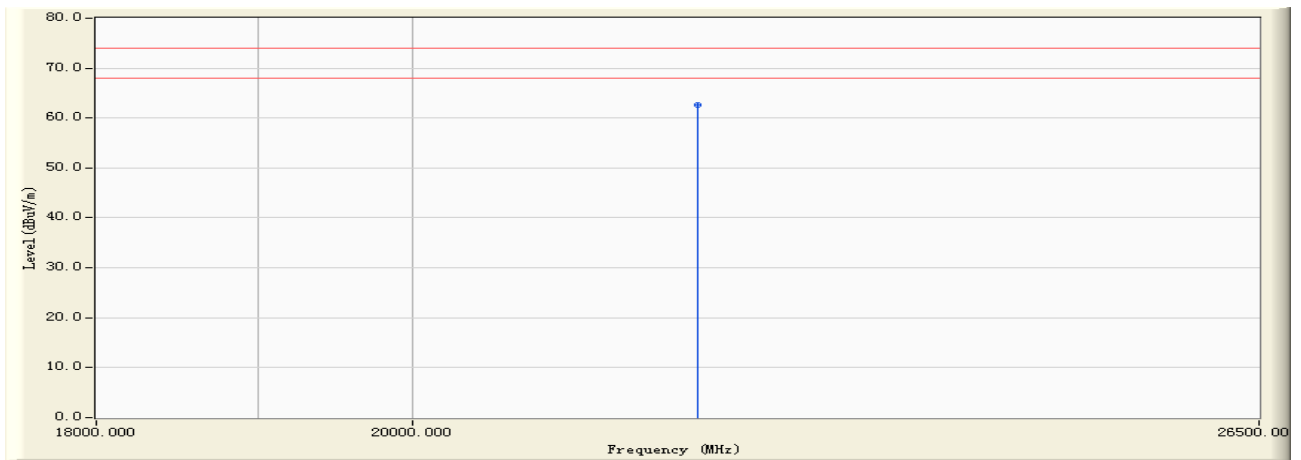
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21357.000	10.994	34.020	45.013	-8.987	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:41
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2462MHz)



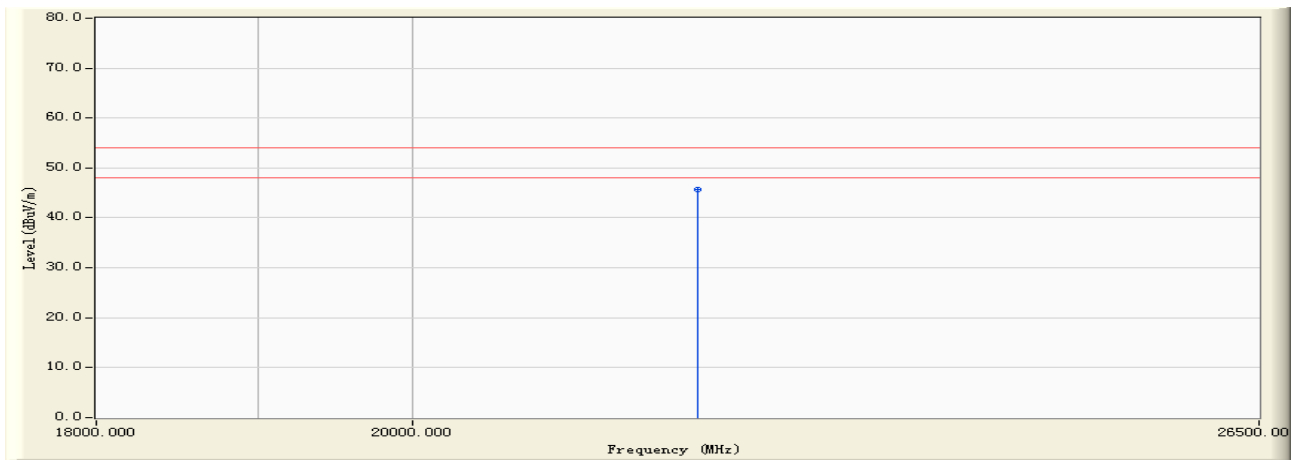
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21986.000	12.248	50.370	62.618	-11.382	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:41
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2462MHz)



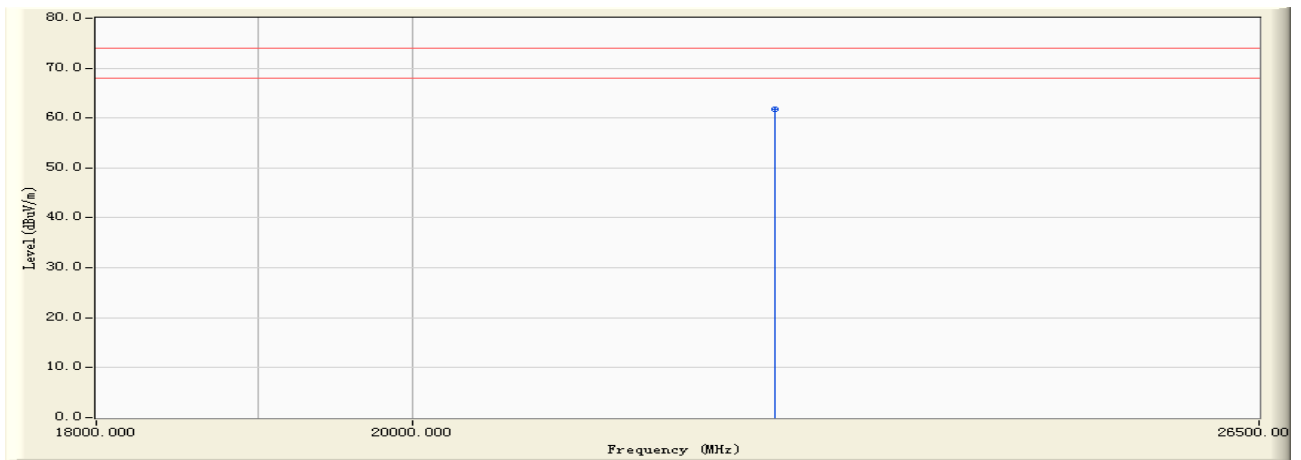
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21986.000	12.248	33.540	45.788	-8.212	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:42
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2462MHz)



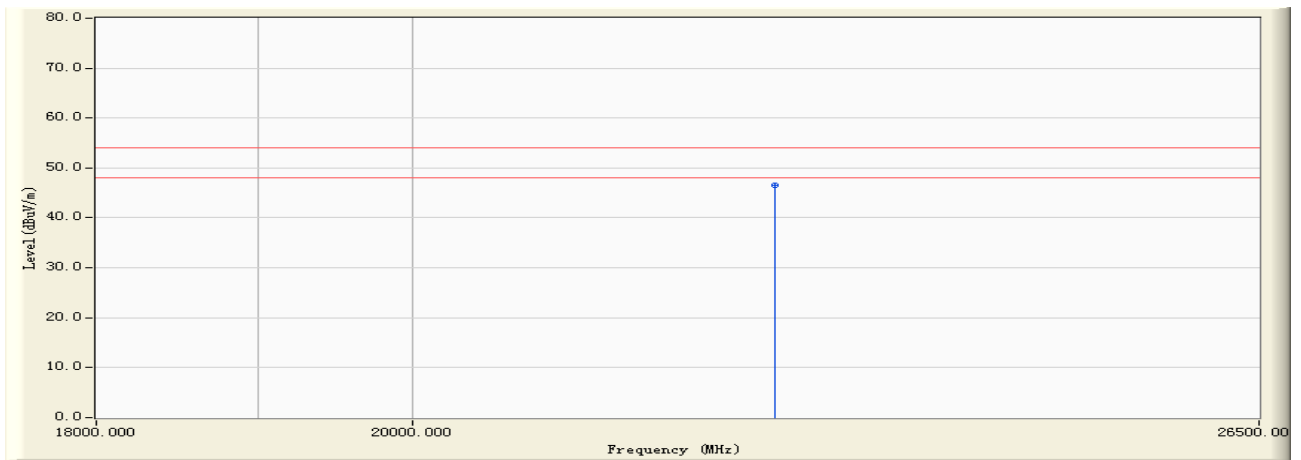
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22561.000	13.351	48.370	61.721	-12.279	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:42
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2462MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22561.000	13.351	33.240	46.591	-7.409	54.000	AVERAGE

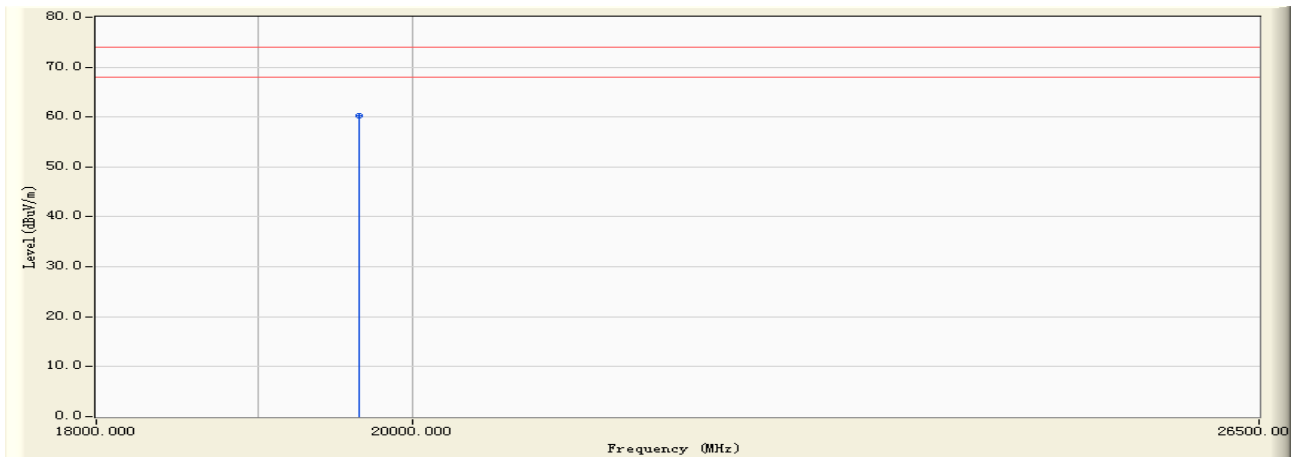
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:44
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2412MHz)



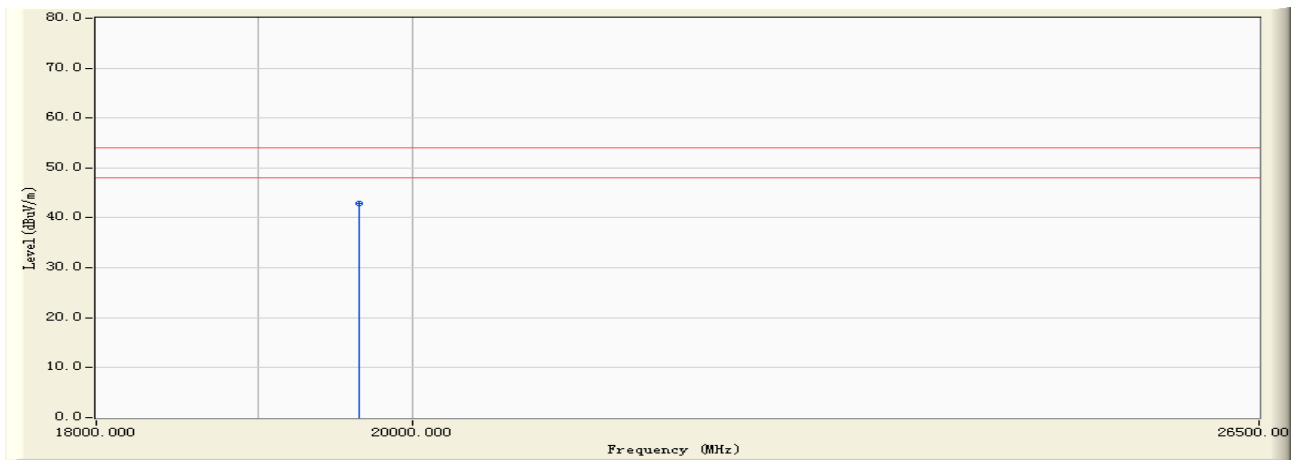
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19646.000	9.943	50.350	60.293	-13.707	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:44
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2412MHz)



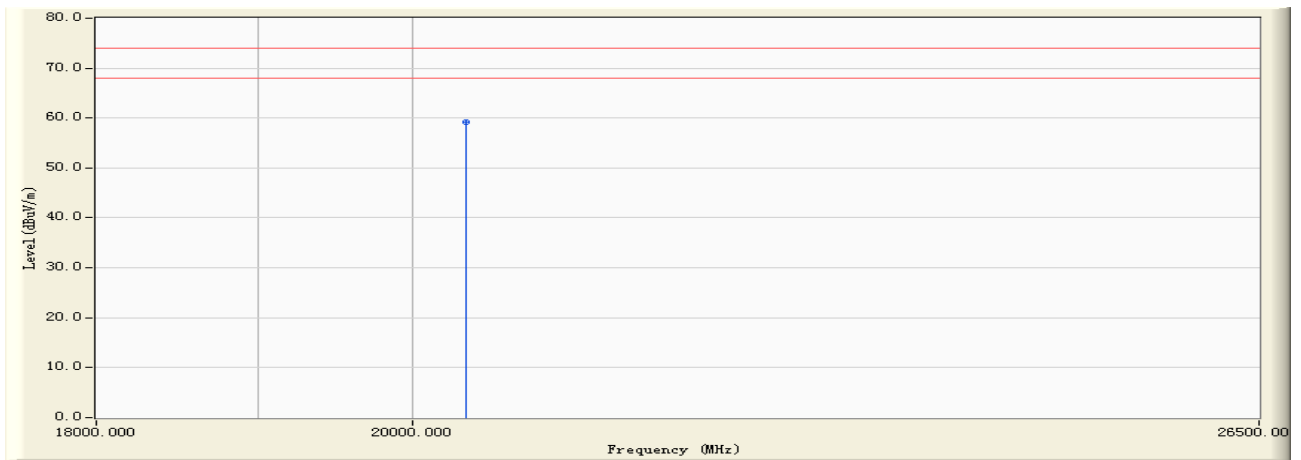
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19646.000	9.943	32.980	42.923	-11.077	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:45
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2412MHz)



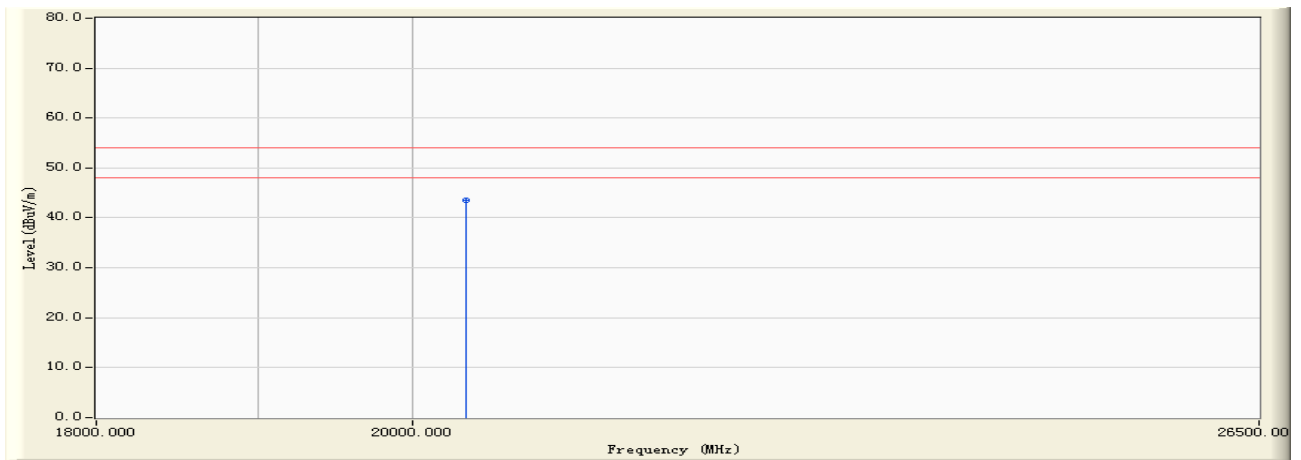
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20358.000	9.872	49.360	59.232	-14.768	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:45
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2412MHz)



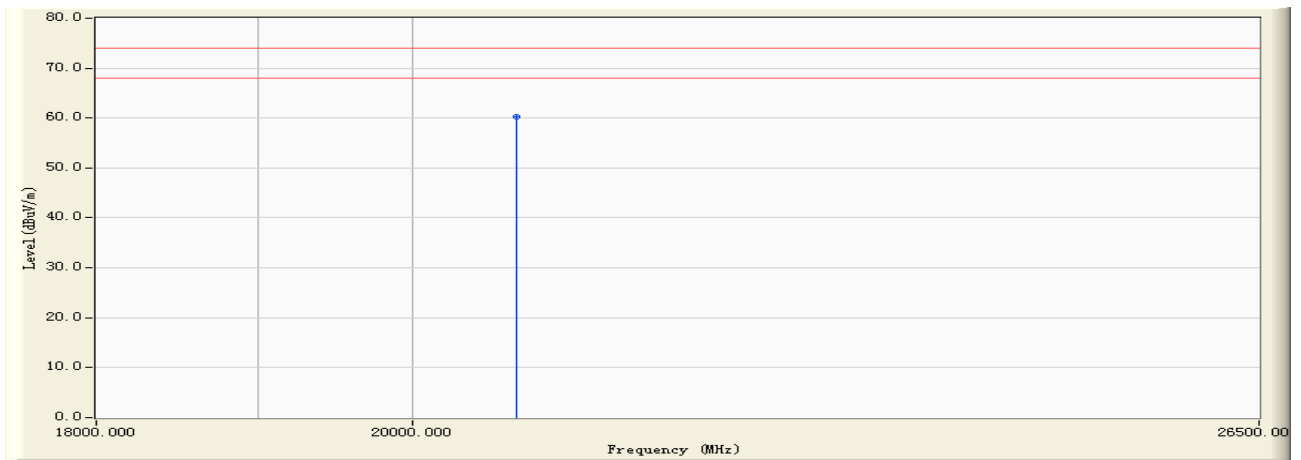
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20358.000	9.872	33.590	43.462	-10.538	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:45
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2437MHz)



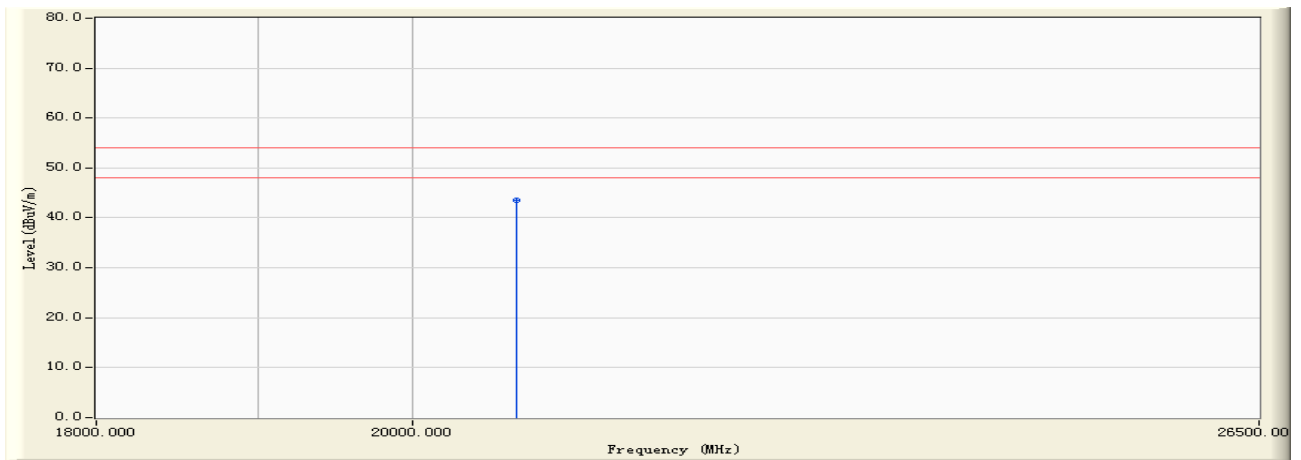
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20698.000	10.026	50.330	60.356	-13.644	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:45
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2437MHz)



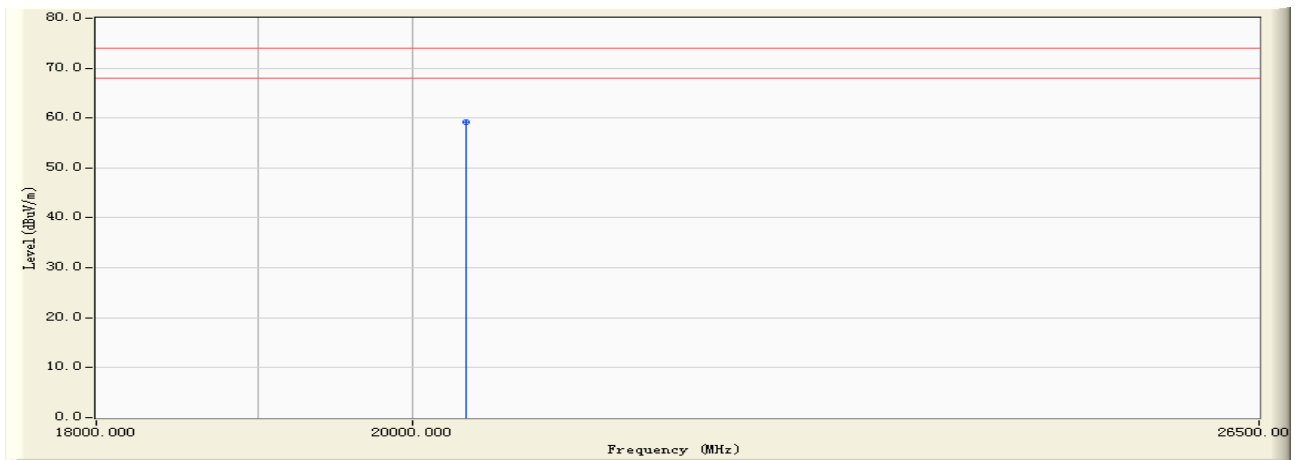
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20698.000	10.026	33.580	43.606	-10.394	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:46
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2437MHz)



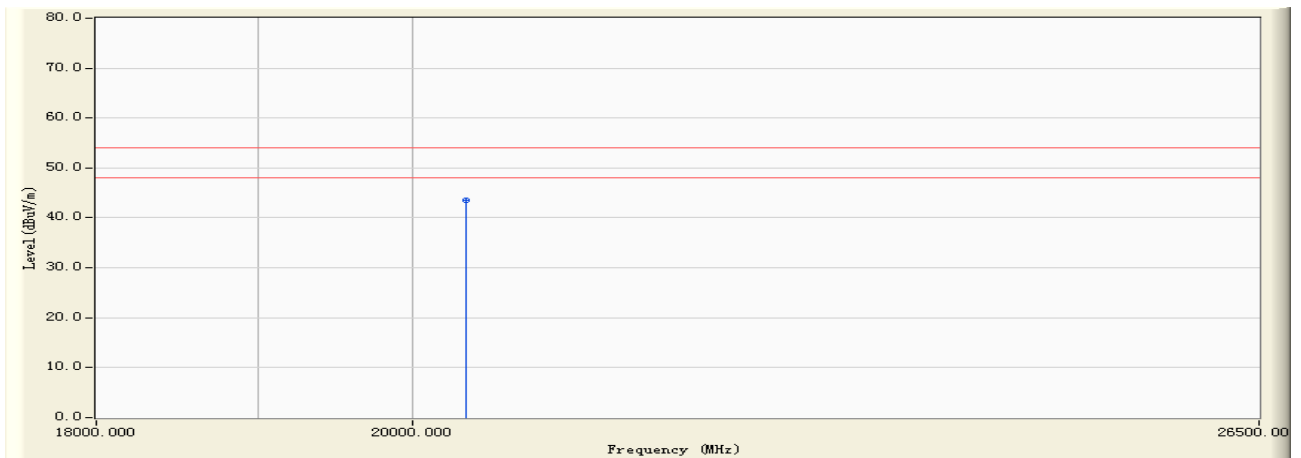
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20359.000	9.872	49.370	59.242	-14.758	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:46
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2437MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20359.000	9.872	33.580	43.452	-10.548	54.000	AVERAGE

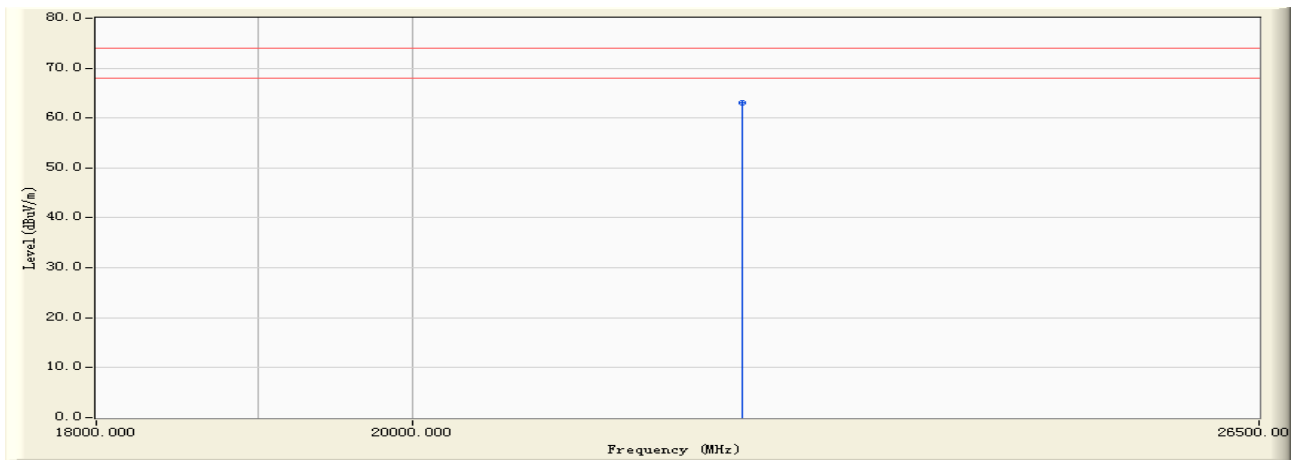
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:47
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2462MHz)



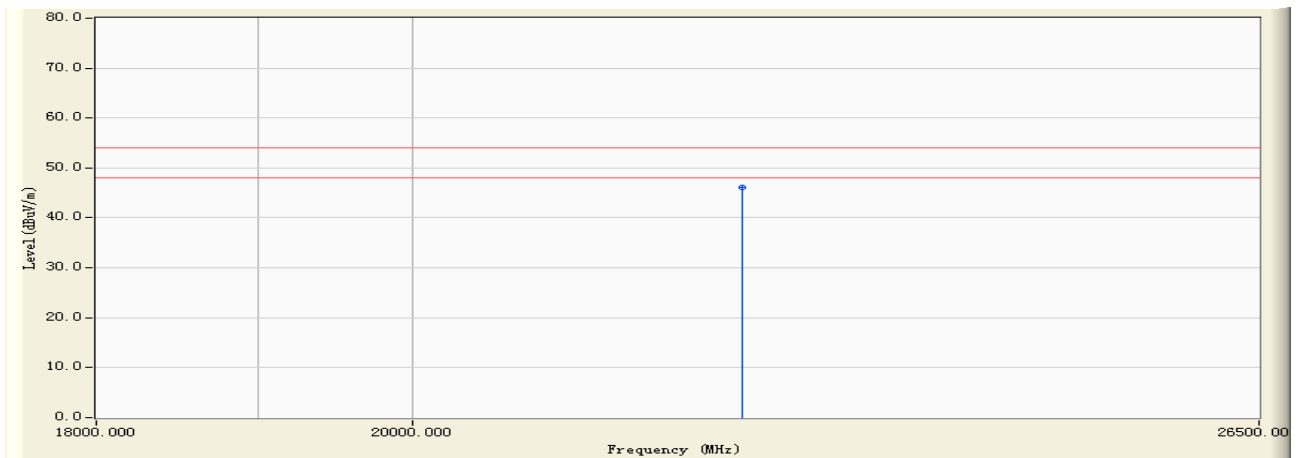
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22314.000	12.859	50.280	63.139	-10.861	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:47
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2462MHz)



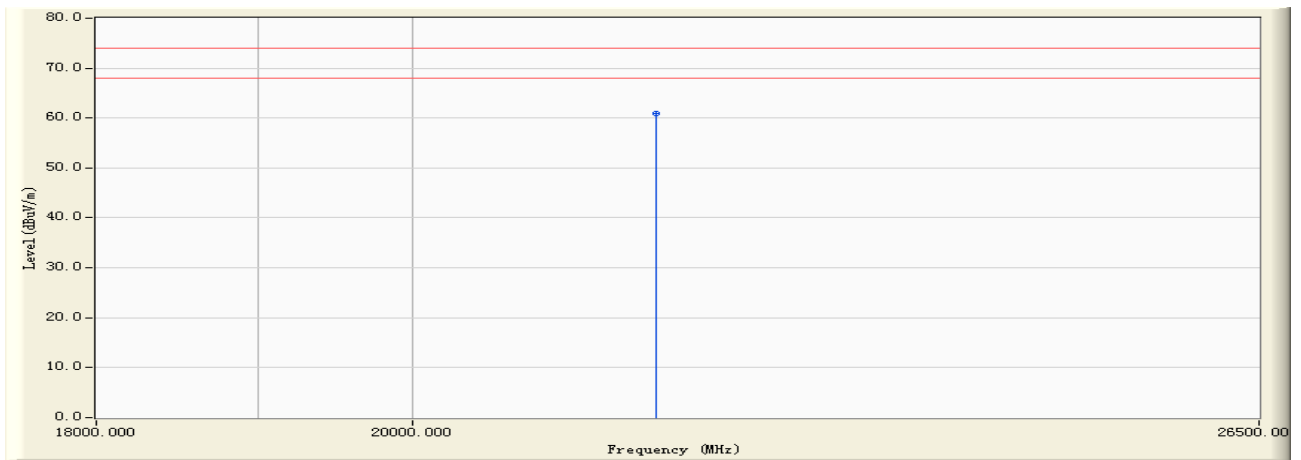
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22314.000	12.859	33.260	46.119	-7.881	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:47
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2462MHz)



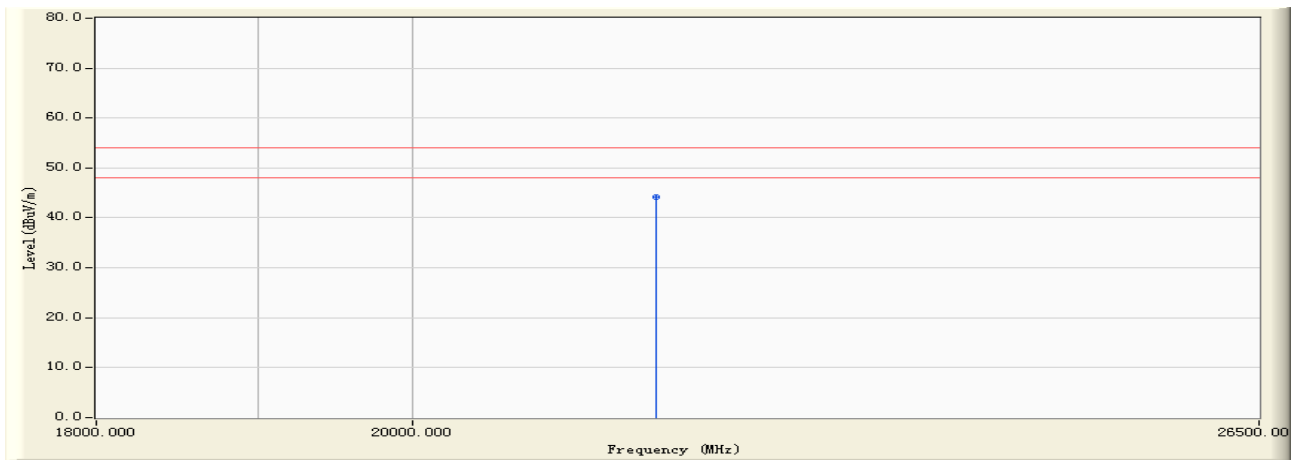
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21687.000	11.622	49.370	60.992	-13.008	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:47
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2462MHz)



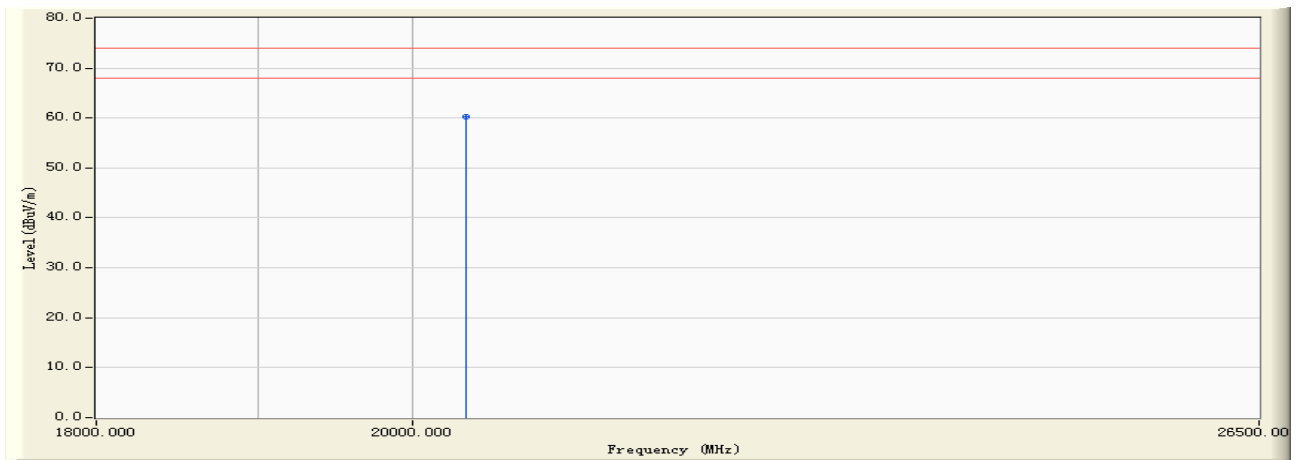
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21687.000	11.622	32.580	44.202	-9.798	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:50
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz)(An0) (2412MHz)



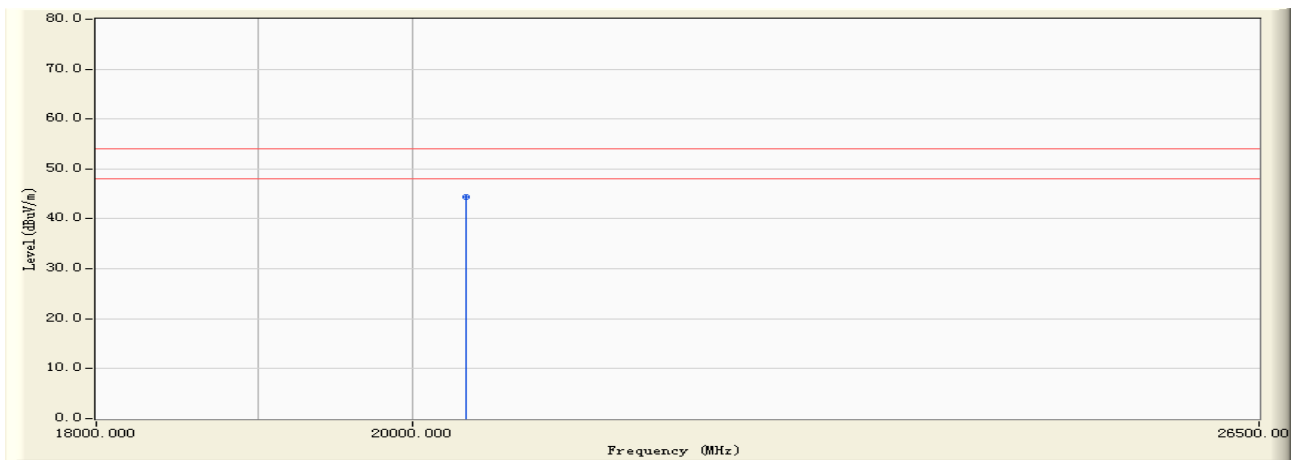
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20359.000	9.872	50.310	60.182	-13.818	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:50
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz)(An0) (2412MHz)



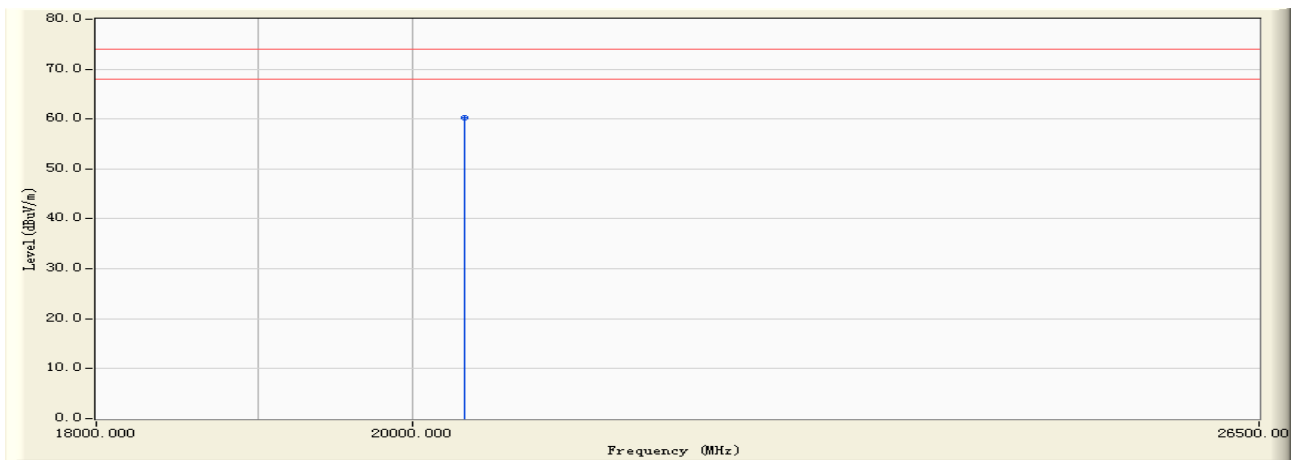
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20359.000	9.872	34.520	44.392	-9.608	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:50
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz)(An0) (2412MHz)



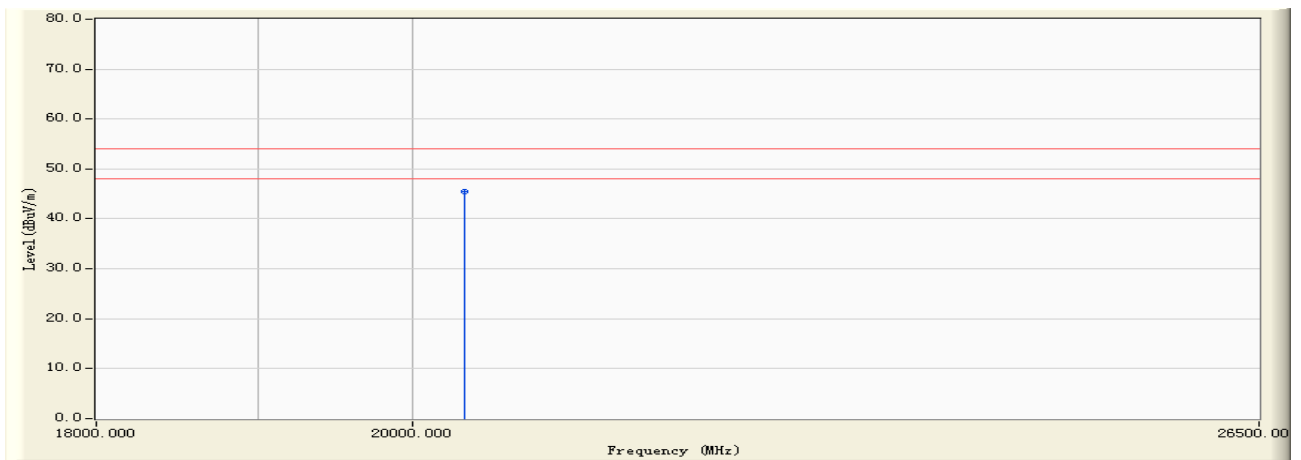
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20349.000	9.871	50.350	60.221	-13.779	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:50
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz)(An0) (2412MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20349.000	9.871	35.610	45.481	-8.519	54.000	AVERAGE

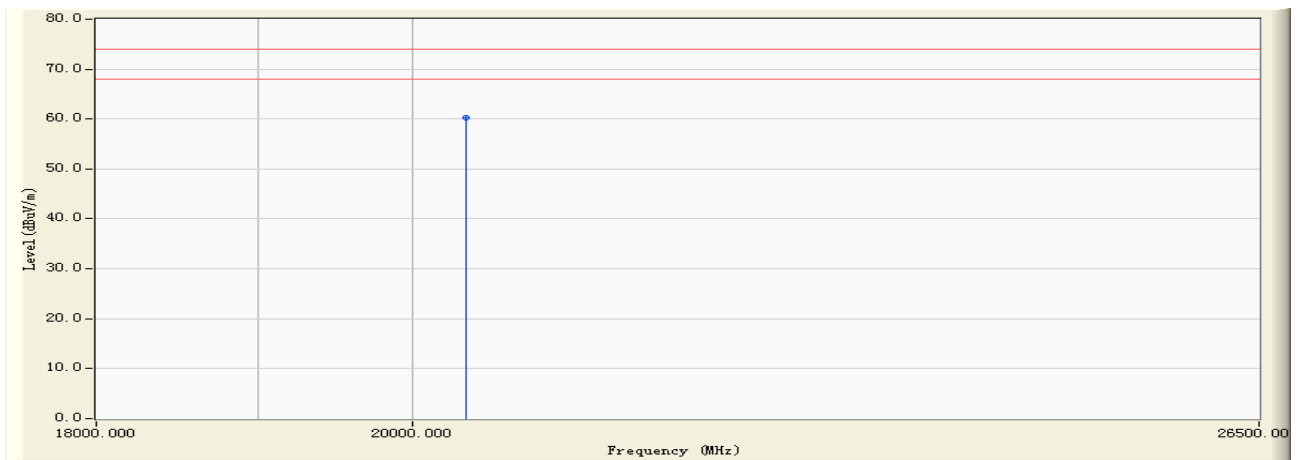
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:51
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2437MHz)



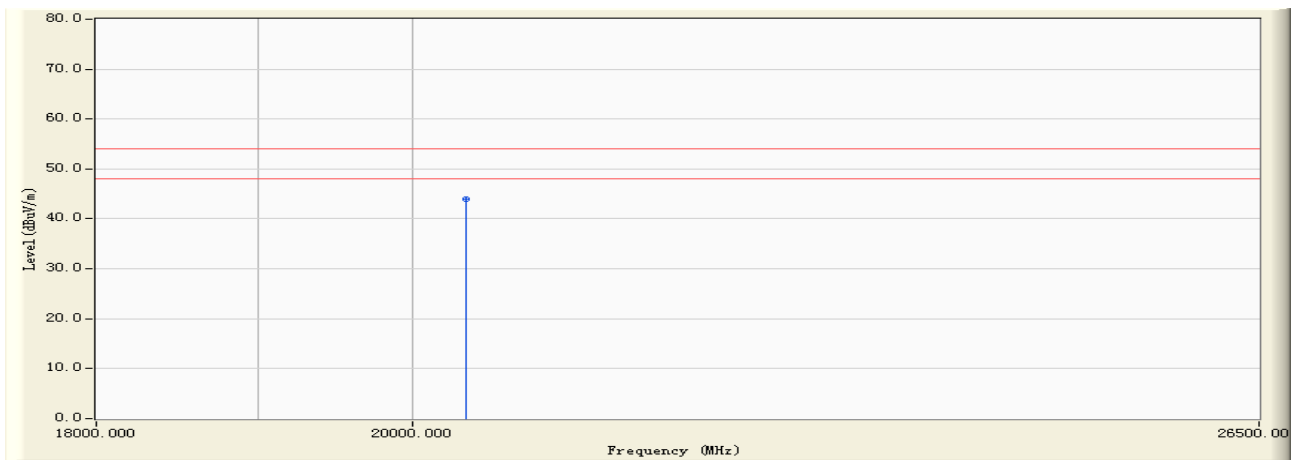
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20351.000	9.872	50.340	60.212	-13.788	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:51
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2437MHz)



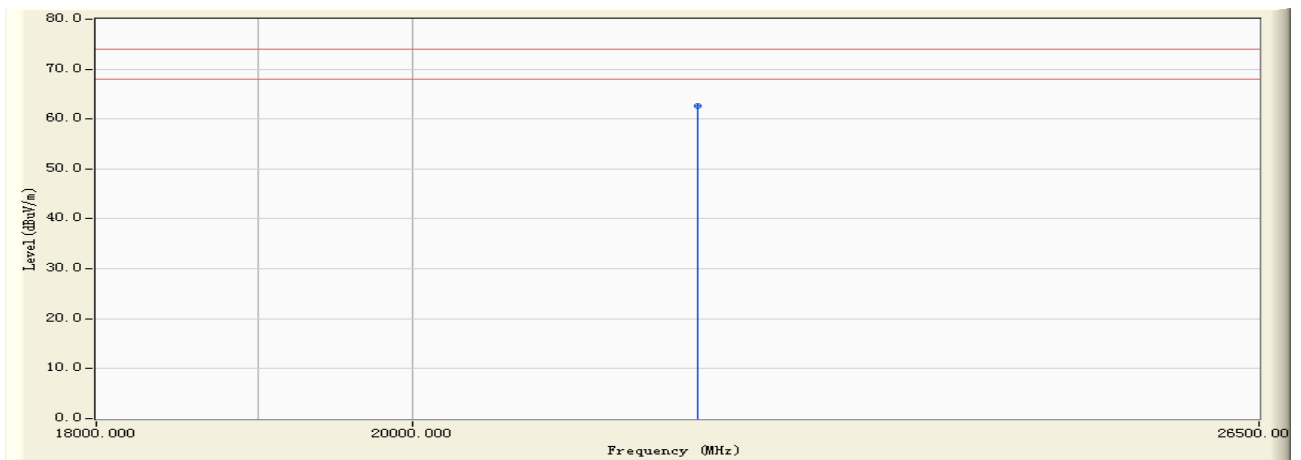
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20351.000	9.872	34.200	44.072	-9.928	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:52
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2437MHz)



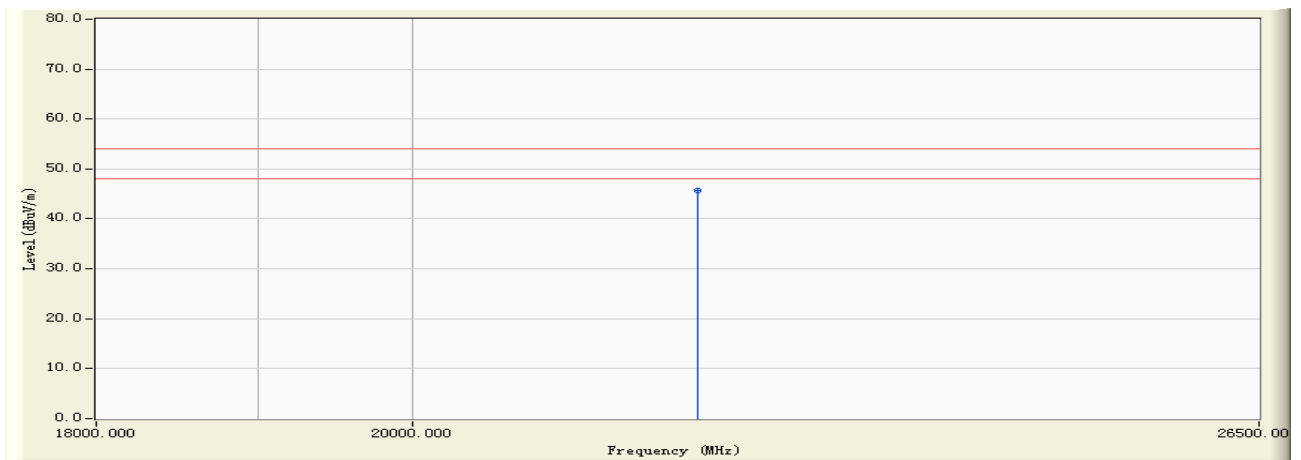
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21986.000	12.248	50.320	62.568	-11.432	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 11:52
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2437MHz)



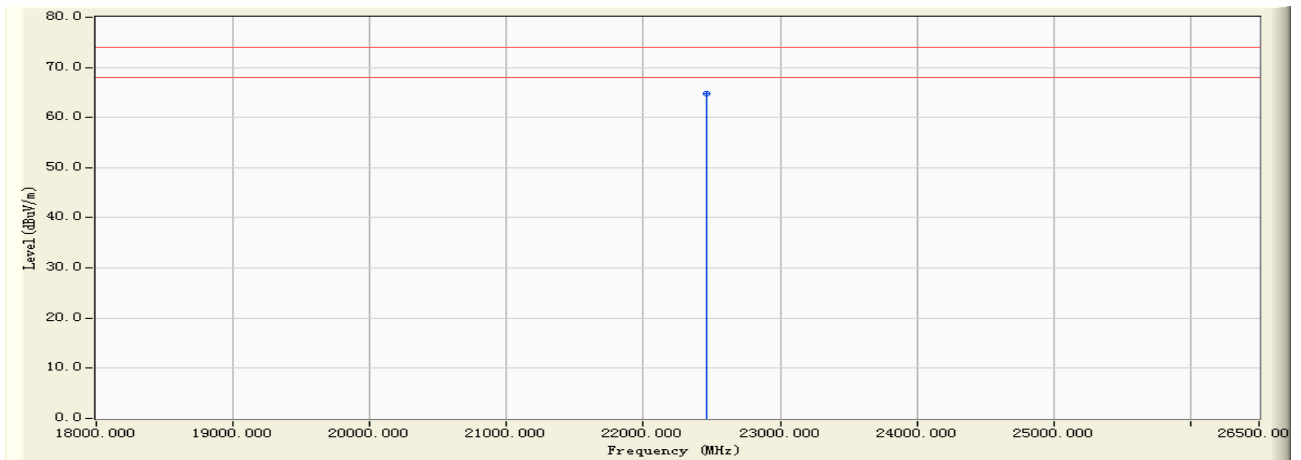
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21986.000	12.248	33.540	45.788	-8.212	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 19:55
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2452MHz)



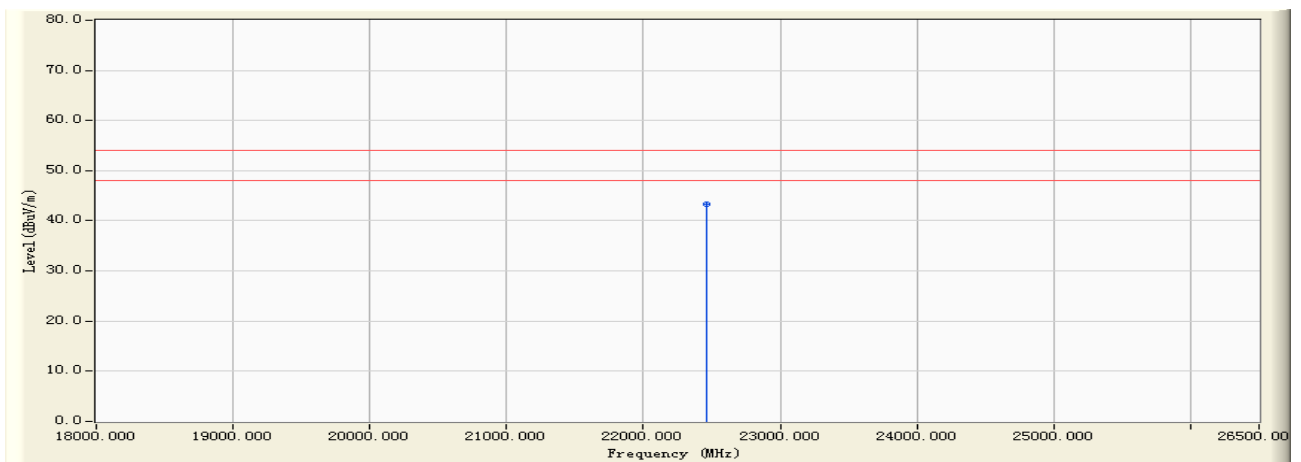
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22463.000	13.148	51.690	64.838	-9.162	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 19:55
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2452MHz)



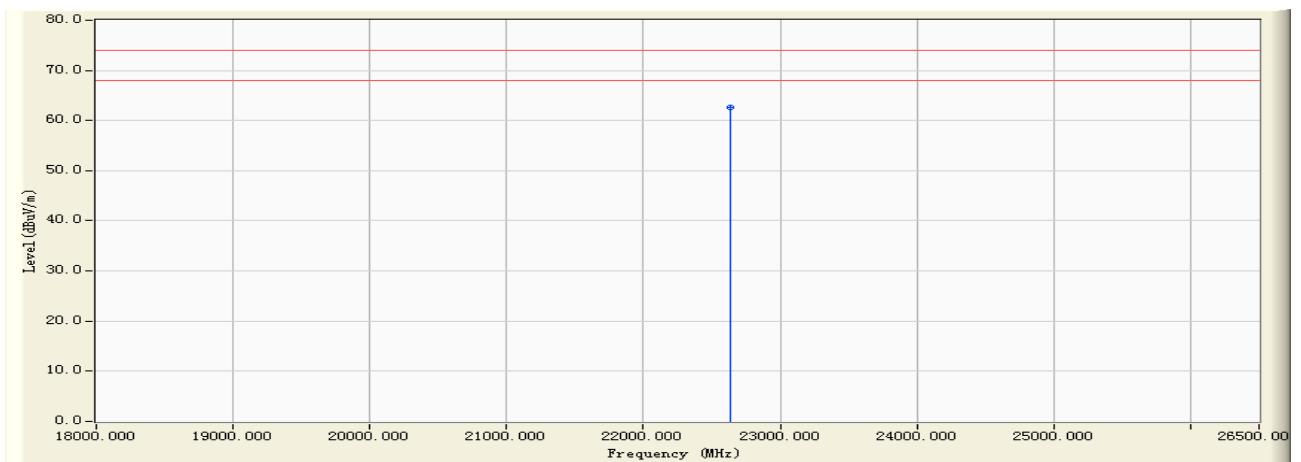
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22463.000	13.148	30.140	43.288	-10.712	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 19:55
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2452MHz)



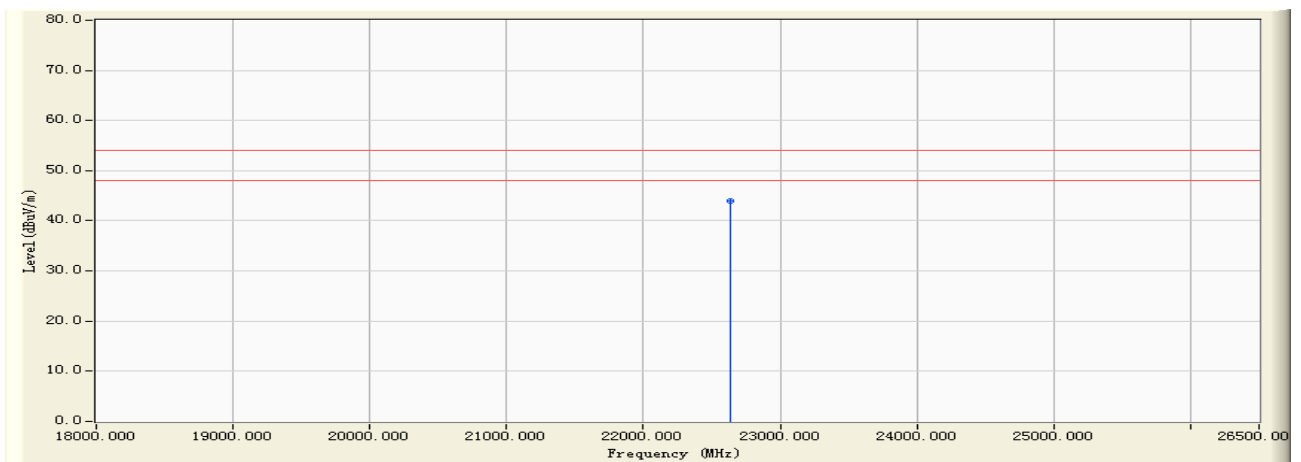
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22637.000	13.501	49.070	62.571	-11.429	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 19:55
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2452MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22637.000	13.501	30.480	43.981	-10.019	54.000	AVERAGE

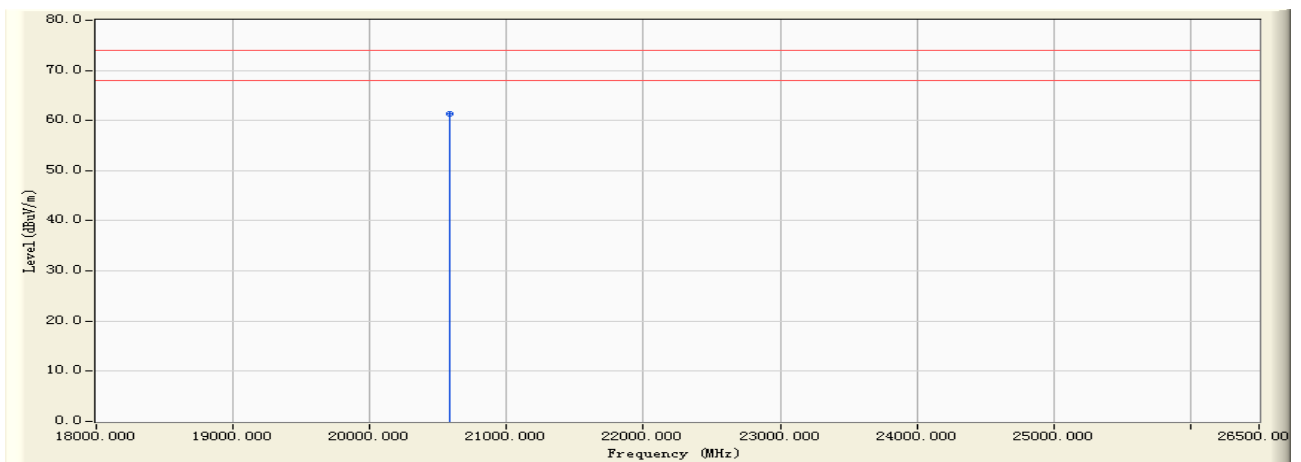
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 19:56
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0) (2422MHz)



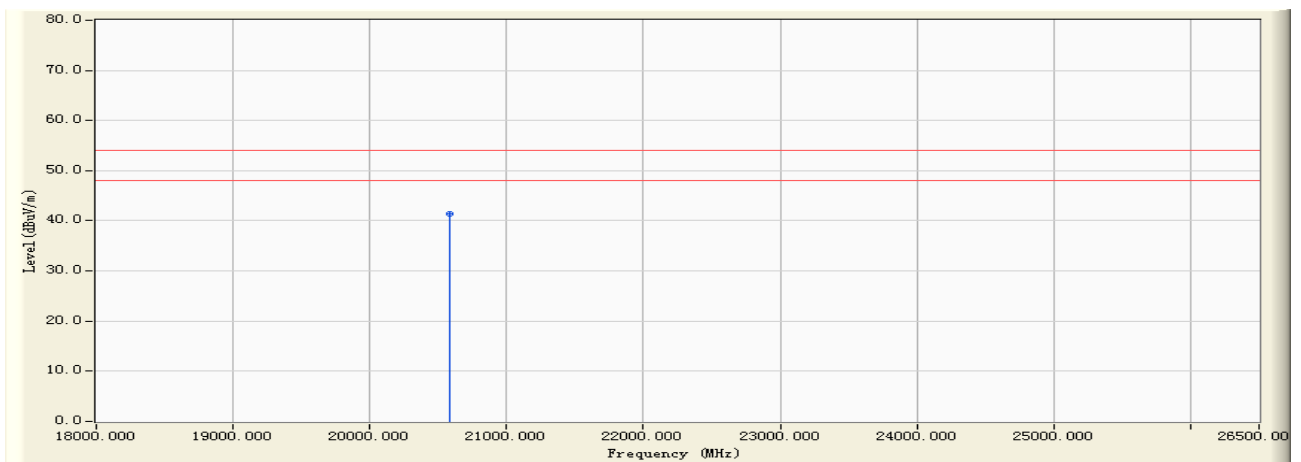
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20583.000	9.938	51.480	61.418	-12.582	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 19:56
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0) (2422MHz)



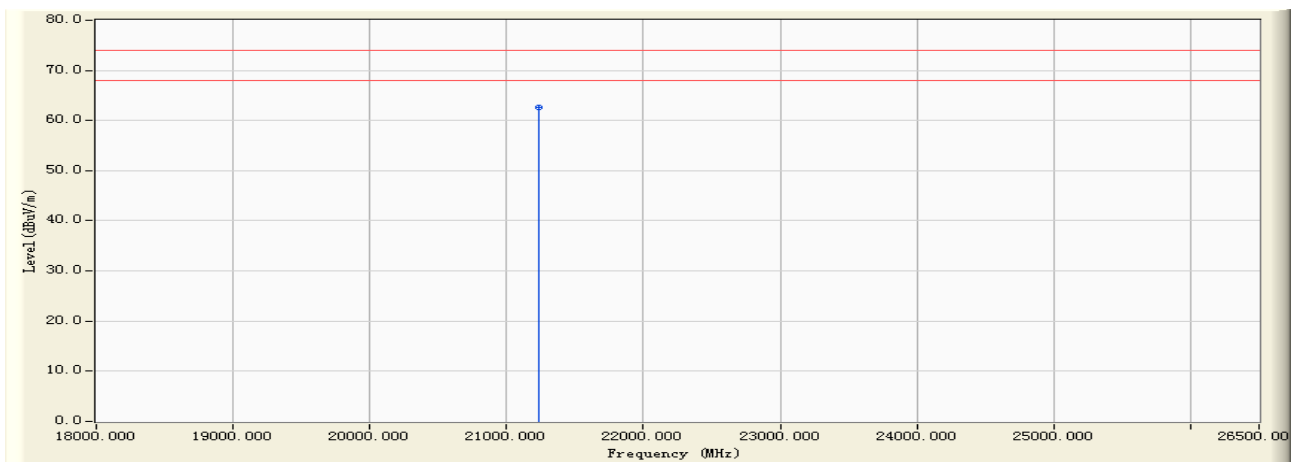
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20583.000	9.938	31.520	41.458	-12.542	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 19:57
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0) (2422MHz)



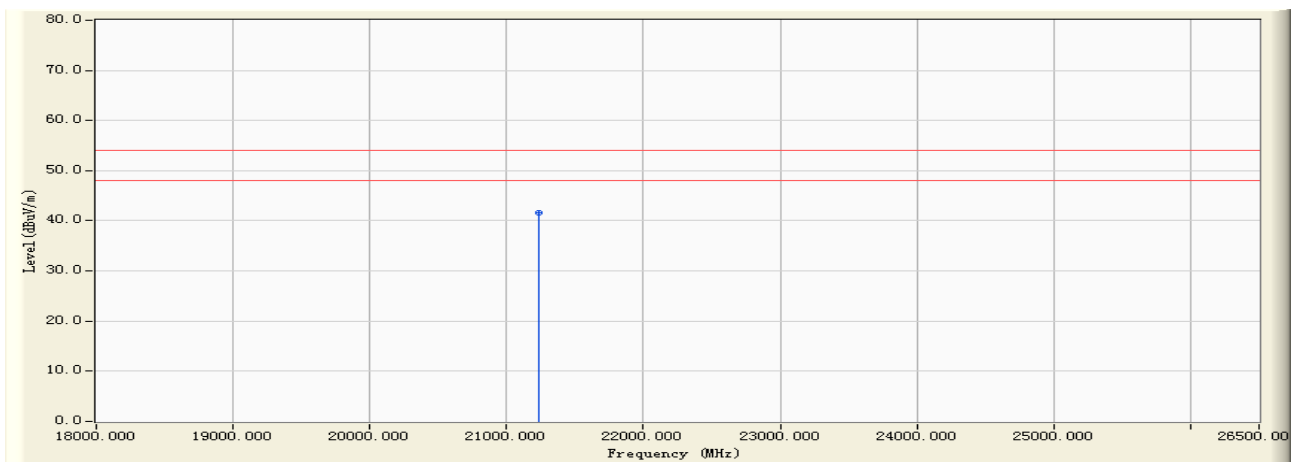
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21234.000	10.748	51.890	62.638	-11.362	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 19:57
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0) (2422MHz)



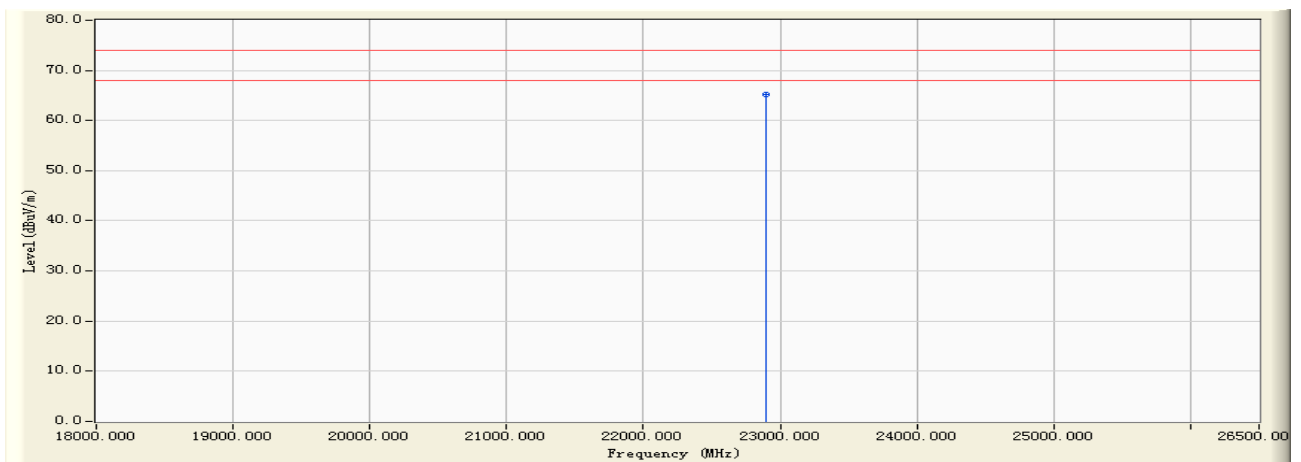
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21234.000	10.748	30.870	41.618	-12.382	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 19:58
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0) (2437MHz)



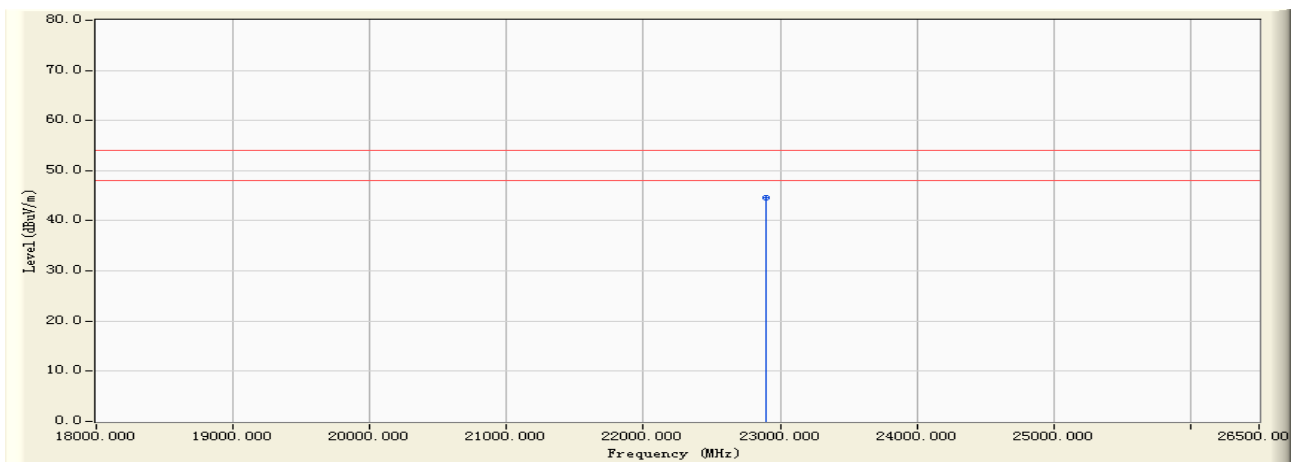
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22895.000	14.054	51.240	65.294	-8.706	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 19:58
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0) (2437MHz)



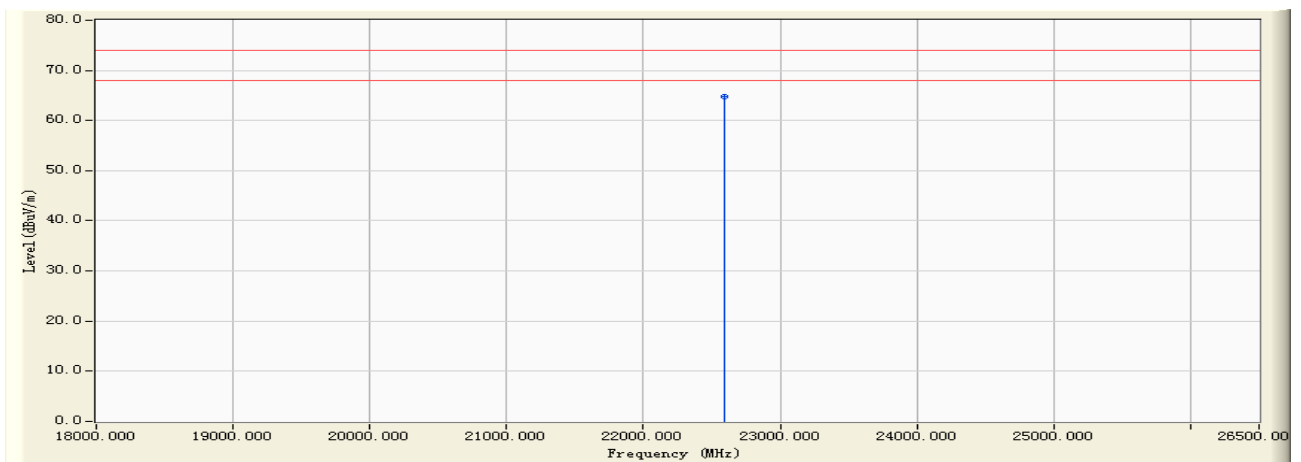
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22895.000	14.054	30.570	44.624	-9.376	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 19:58
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0) (2437MHz)



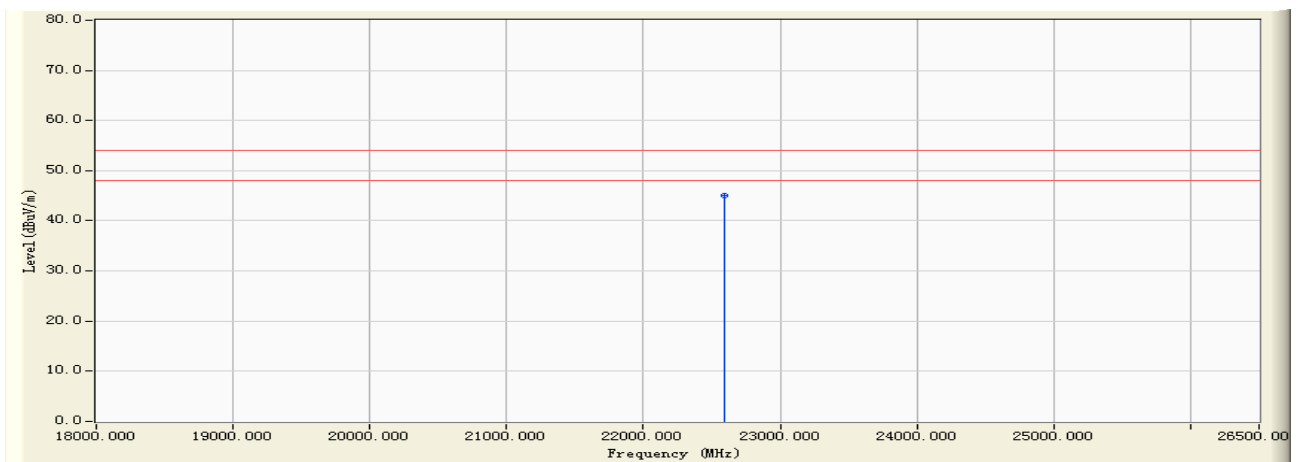
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22594.000	13.420	51.280	64.700	-9.300	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 19:58
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0) (2437MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22594.000	13.420	31.560	44.980	-9.020	54.000	AVERAGE

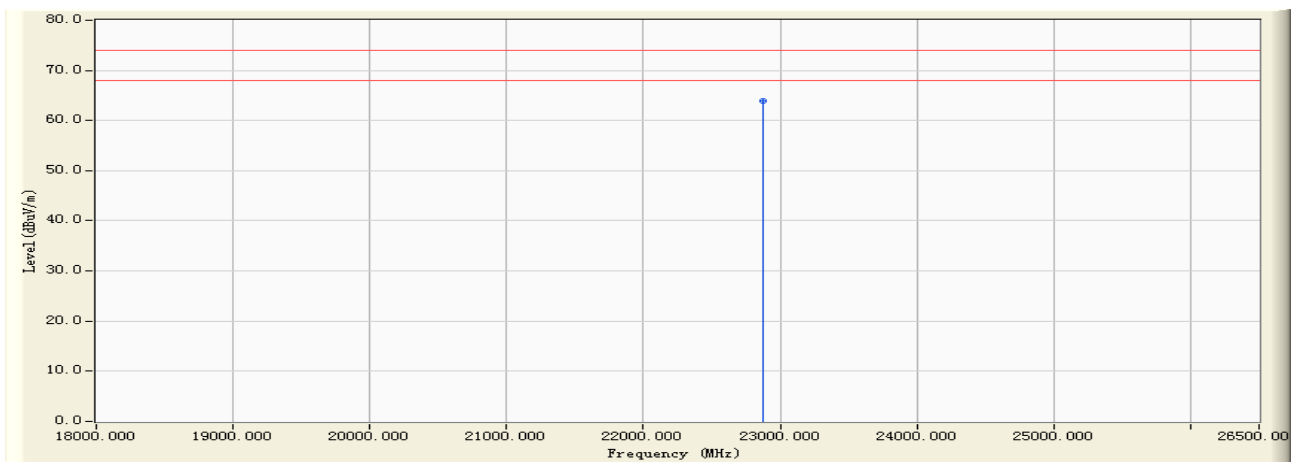
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 19:59
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0) (2452MHz)



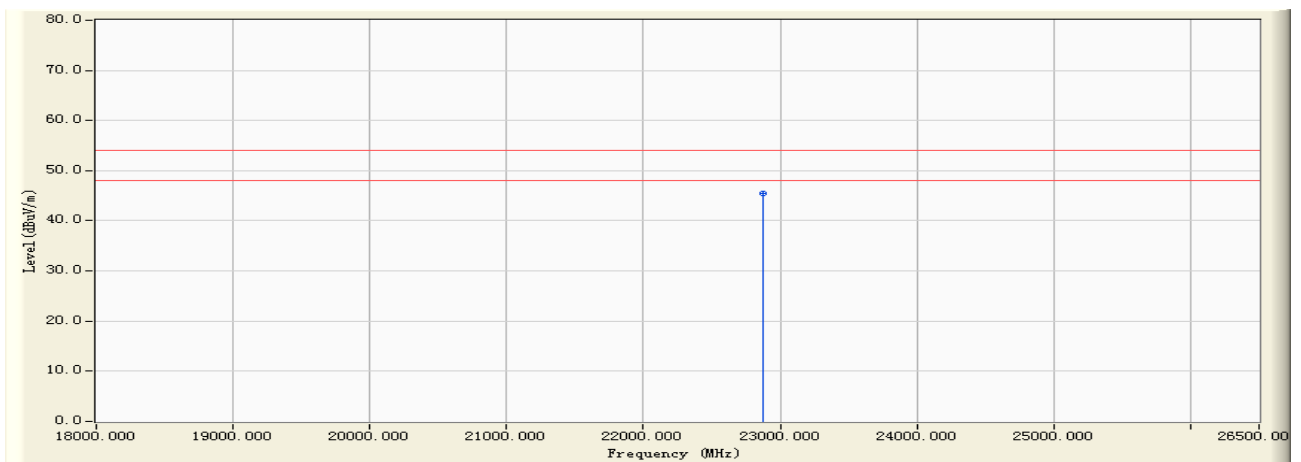
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22876.000	14.011	49.880	63.891	-10.109	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 19:59
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0) (2452MHz)



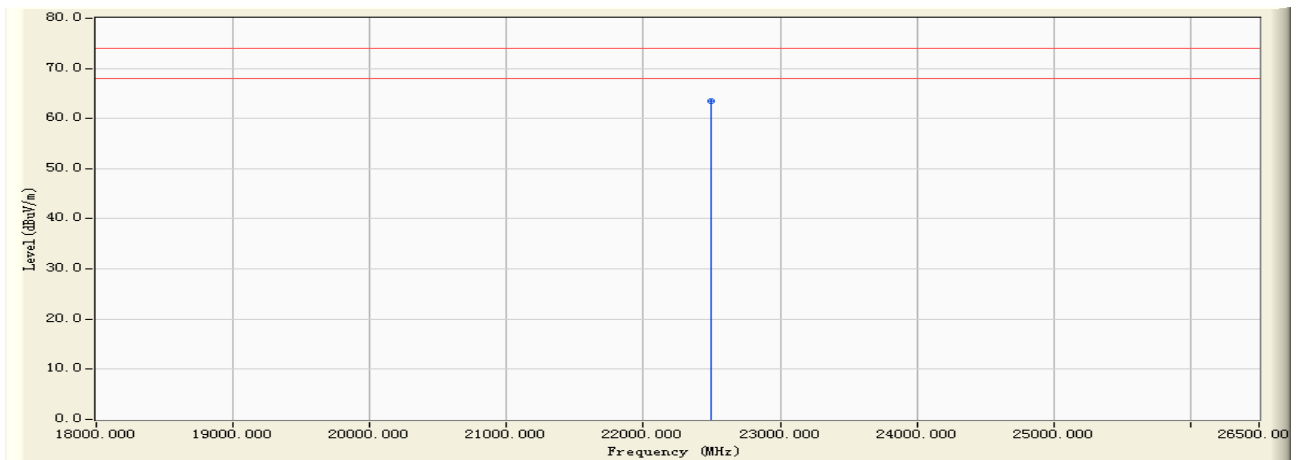
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22876.000	14.011	31.560	45.571	-8.429	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 19:59
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0) (2452MHz)



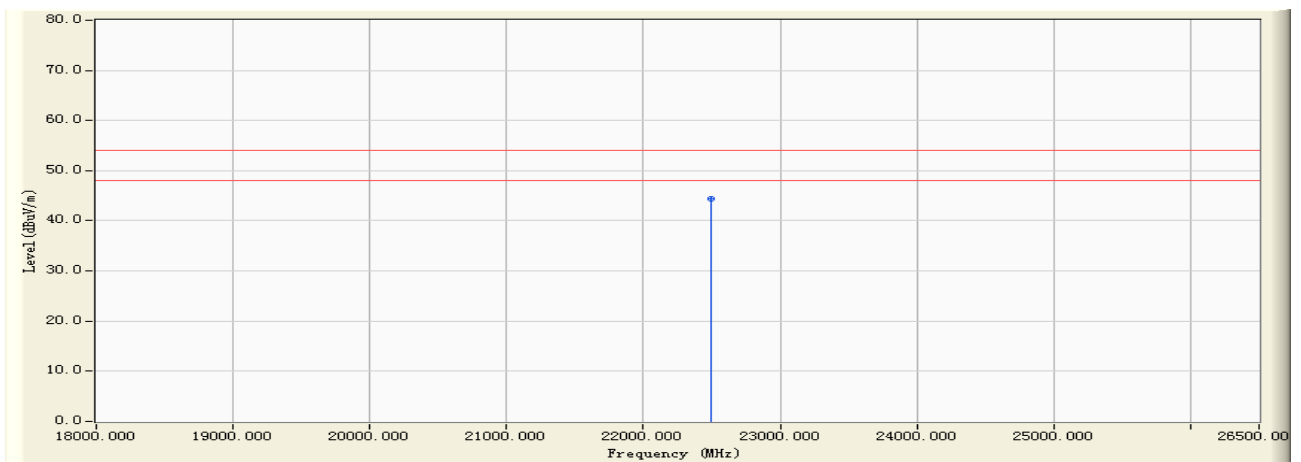
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22495.000	13.209	50.280	63.490	-10.510	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 19:59
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0) (2452MHz)



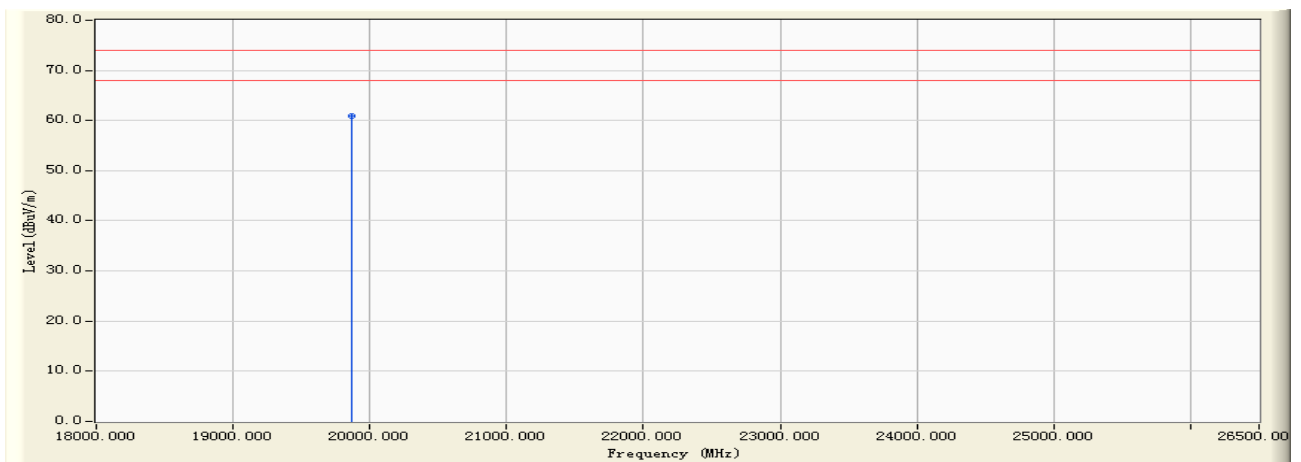
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22495.000	13.209	31.280	44.490	-9.510	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:00
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An1) (2412MHz)



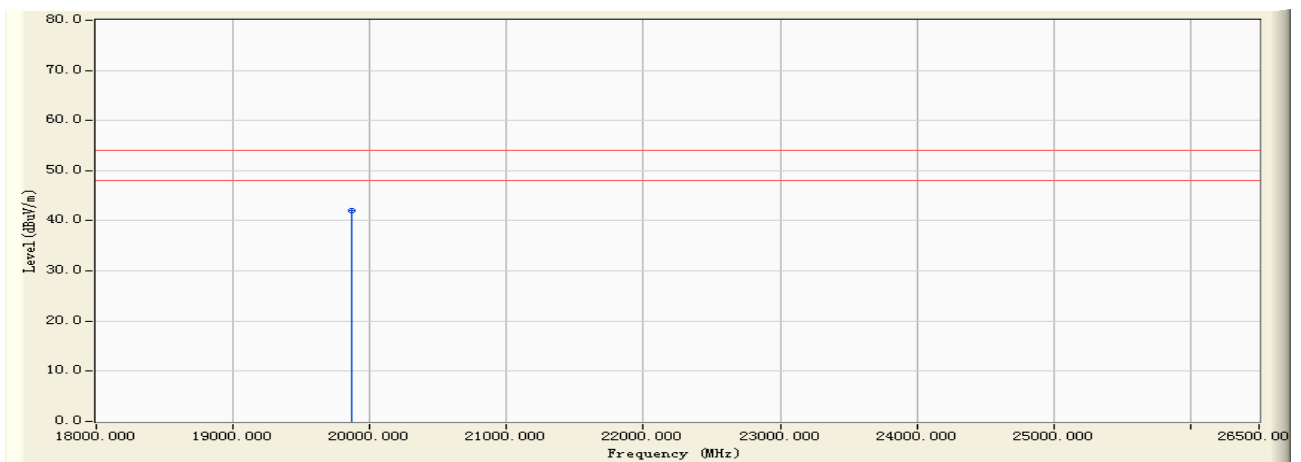
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19863.200	9.930	51.040	60.970	-13.030	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:00
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An1) (2412MHz)



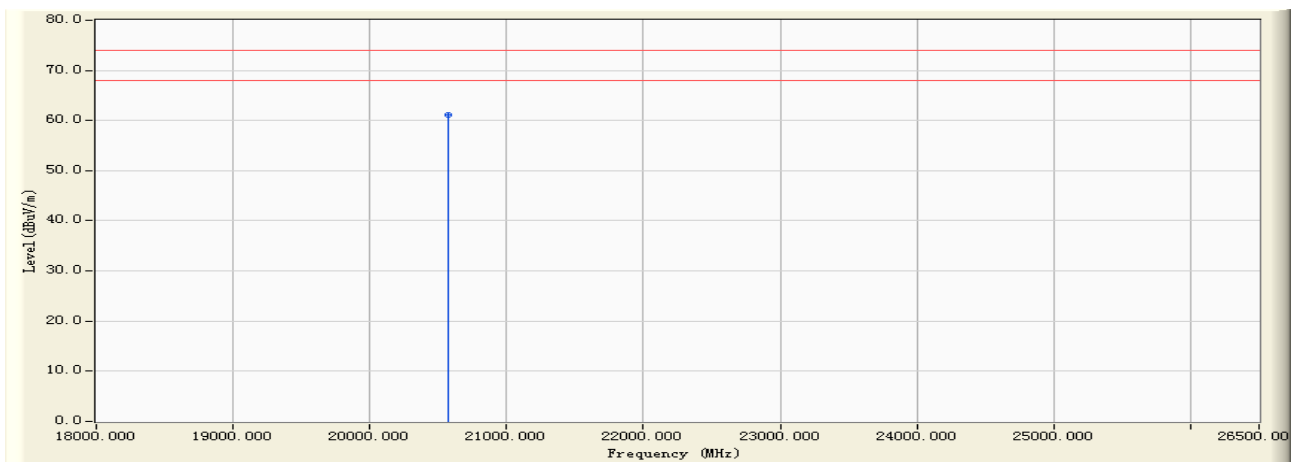
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19863.200	9.930	32.150	42.080	-11.920	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:01
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An1) (2412MHz)



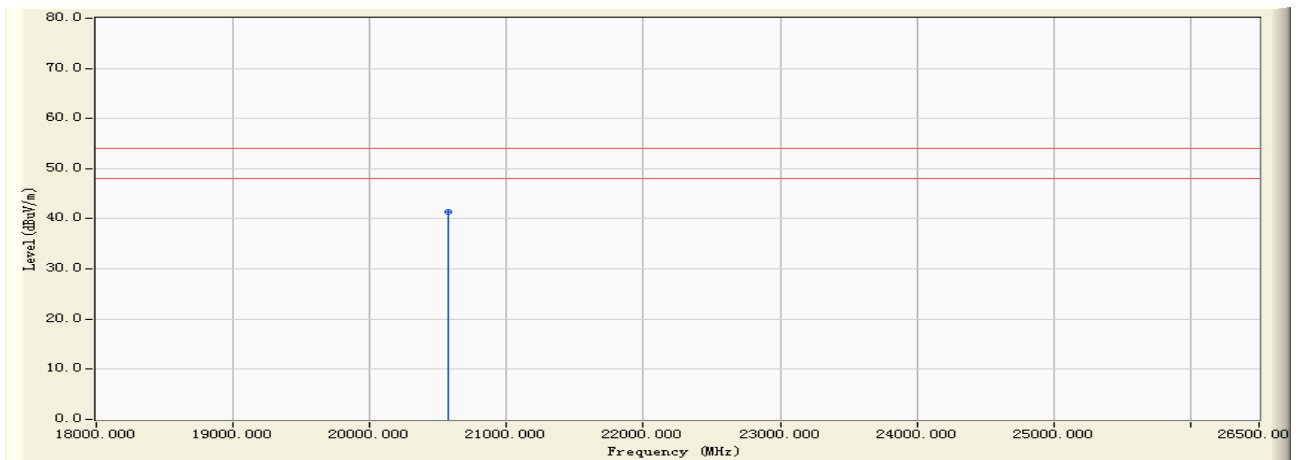
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20569.000	9.923	51.290	61.213	-12.787	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:01
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An1) (2412MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20569.000	9.923	31.470	41.393	-12.607	54.000	AVERAGE

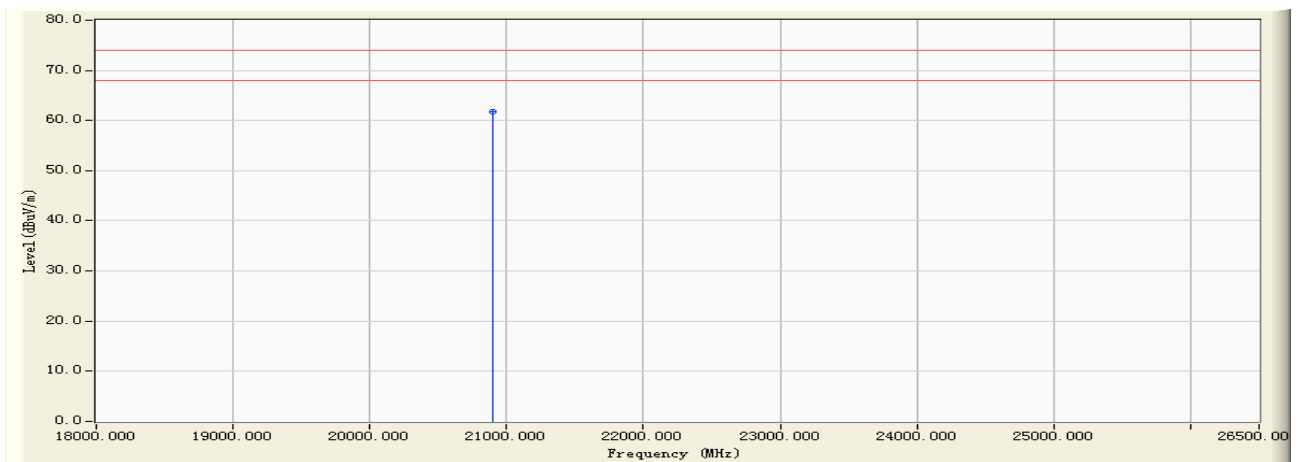
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:02
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An1) (2437MHz)



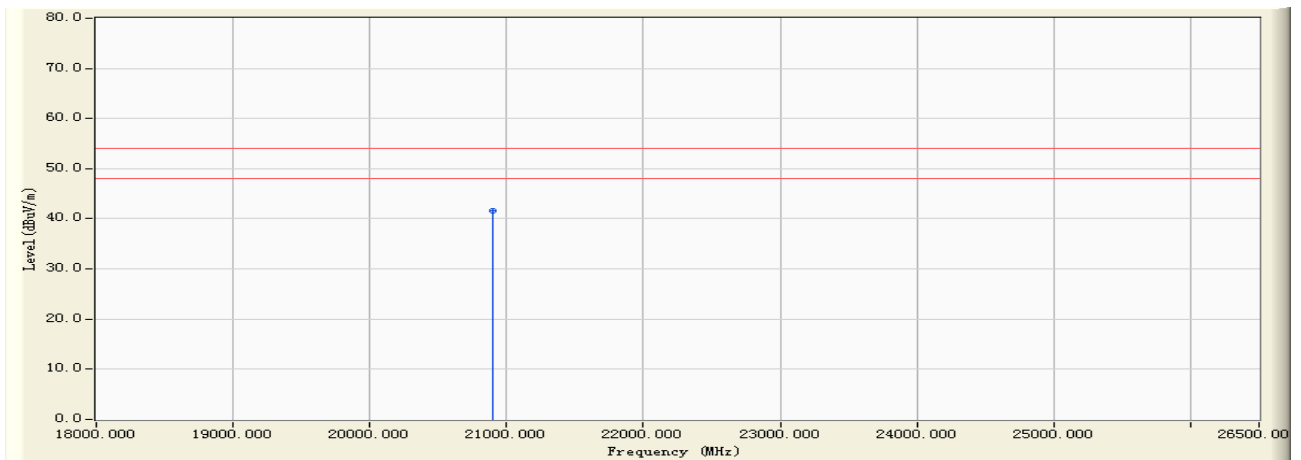
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20894.000	10.191	51.480	61.672	-12.328	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:02
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An1) (2437MHz)



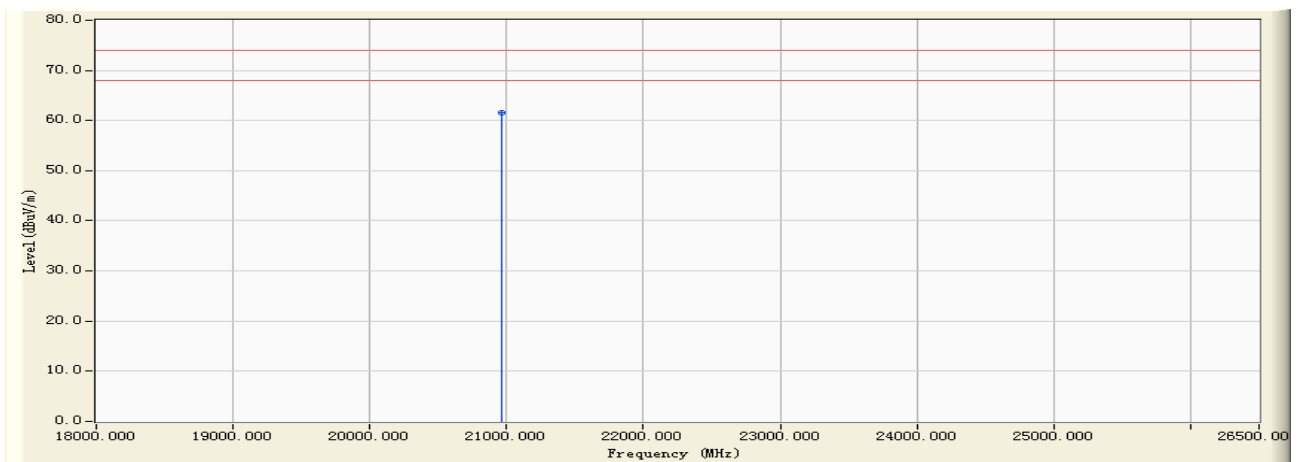
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20894.000	10.191	31.480	41.672	-12.328	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:02
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An1) (2437MHz)



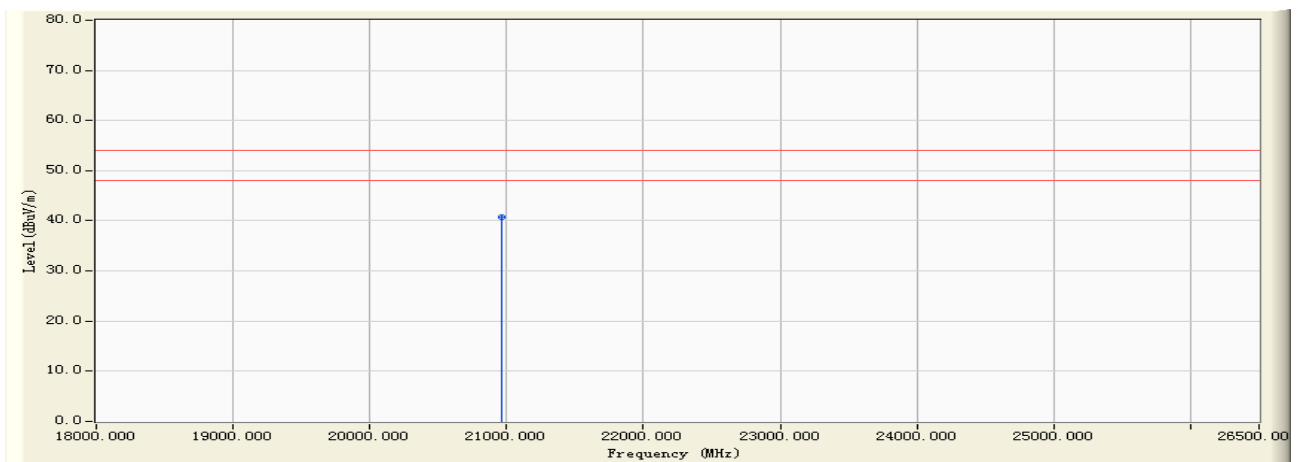
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20963.000	10.264	51.280	61.544	-12.456	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:02
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An1) (2437MHz)



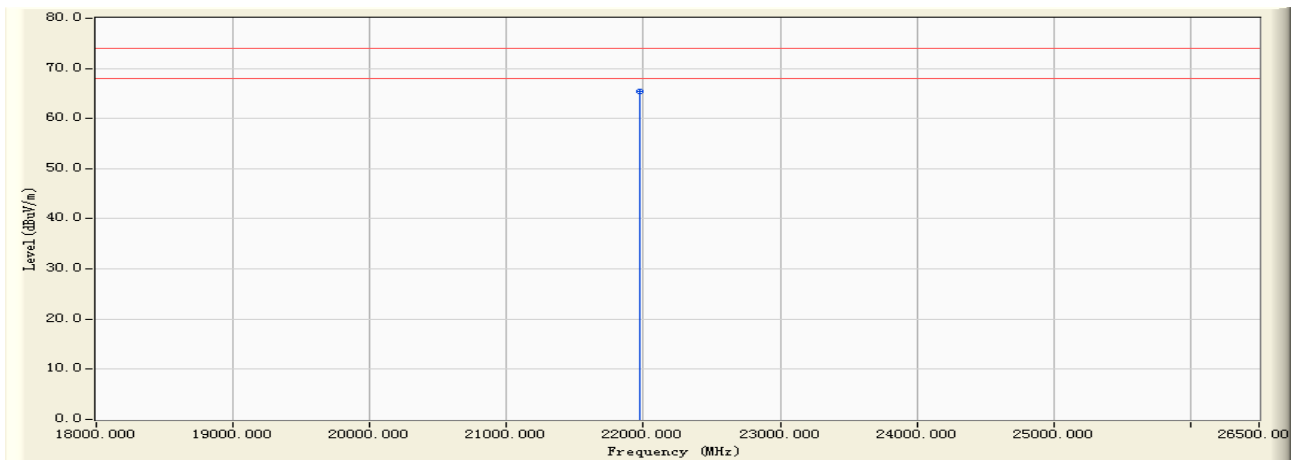
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20963.000	10.264	30.480	40.744	-13.256	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:03
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An1) (2462MHz)



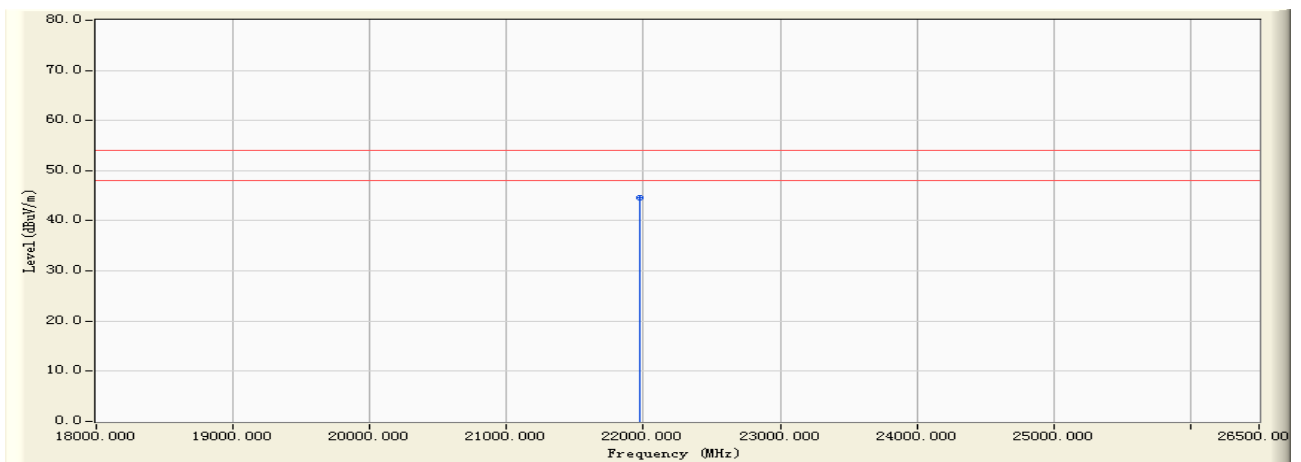
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21968.000	12.215	53.290	65.505	-8.495	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:03
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An1) (2462MHz)



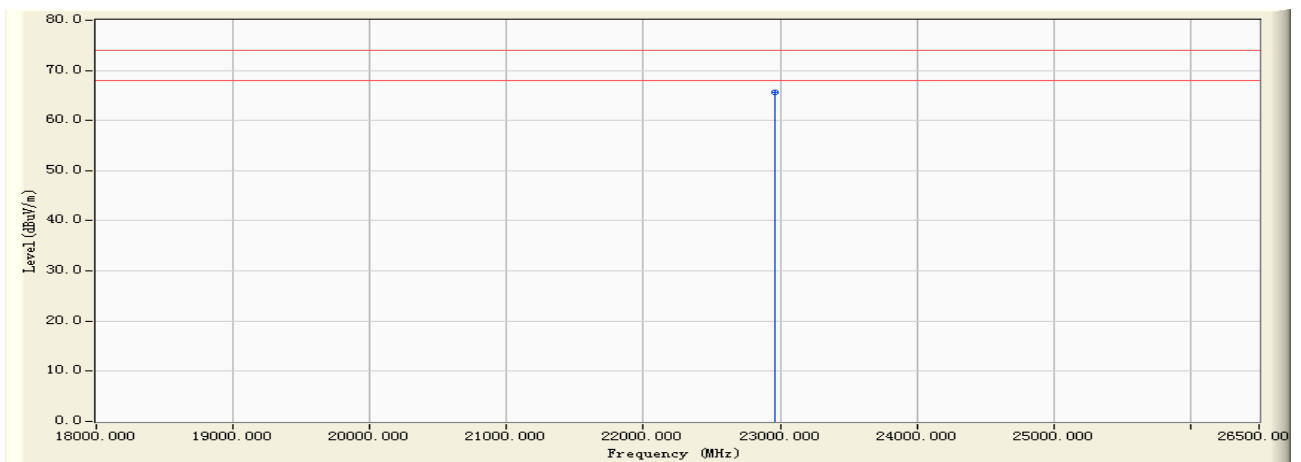
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21968.000	12.215	32.470	44.685	-9.315	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:03
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An1) (2462MHz)



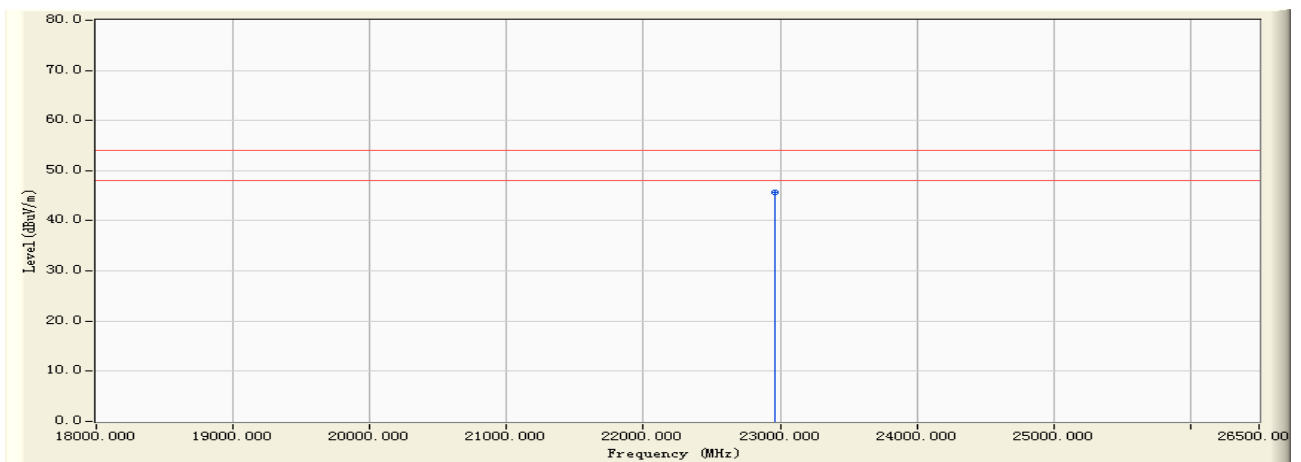
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22965.000	14.206	51.470	65.676	-8.324	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:04
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An1) (2462MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22965.000	14.206	31.470	45.676	-8.324	54.000	AVERAGE

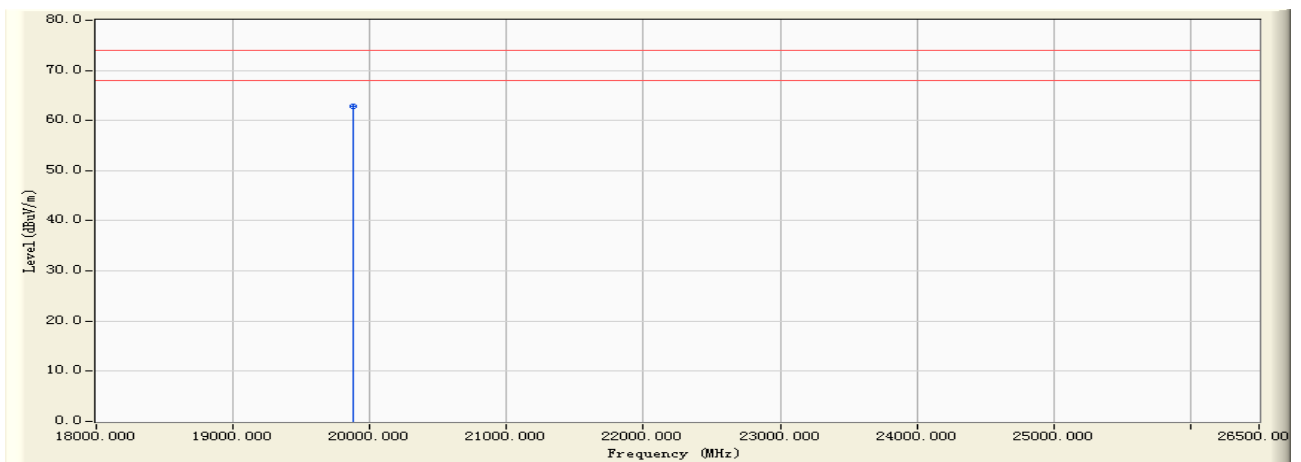
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:04
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2412MHz)



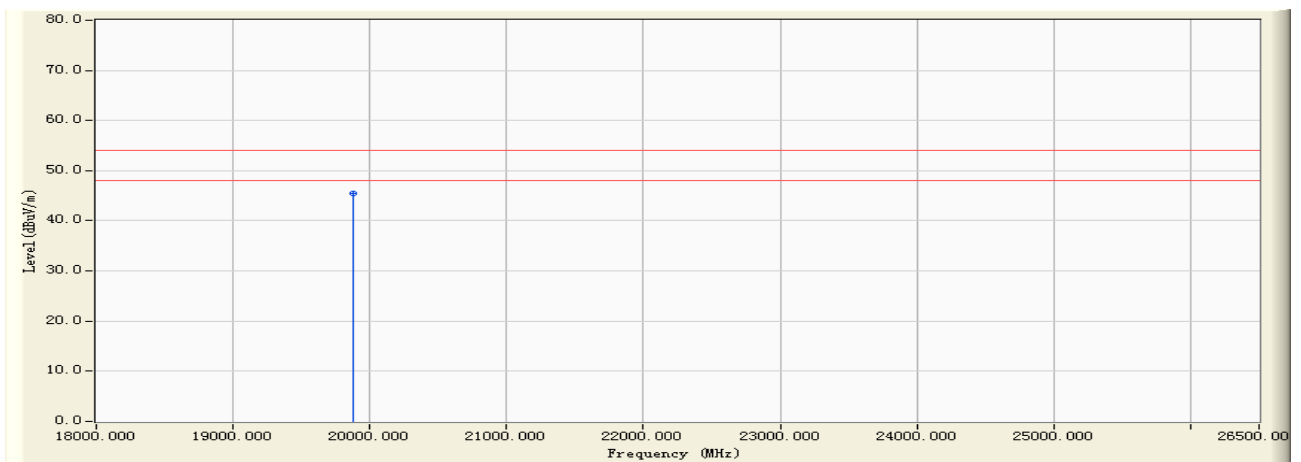
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19873.000	9.931	52.840	62.771	-11.229	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:04
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2412MHz)



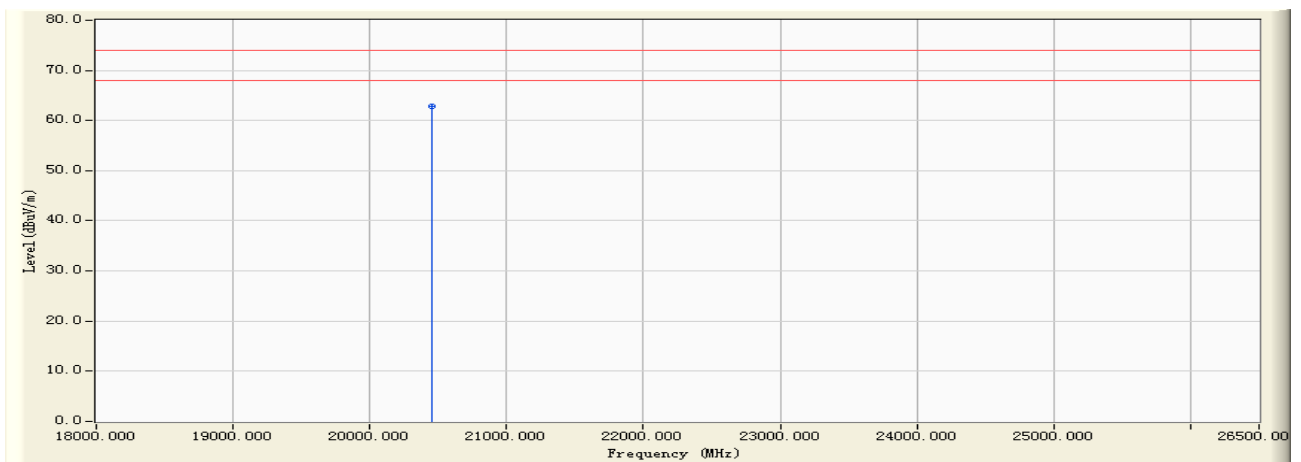
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19873.000	9.931	35.640	45.571	-8.429	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:05
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2412MHz)



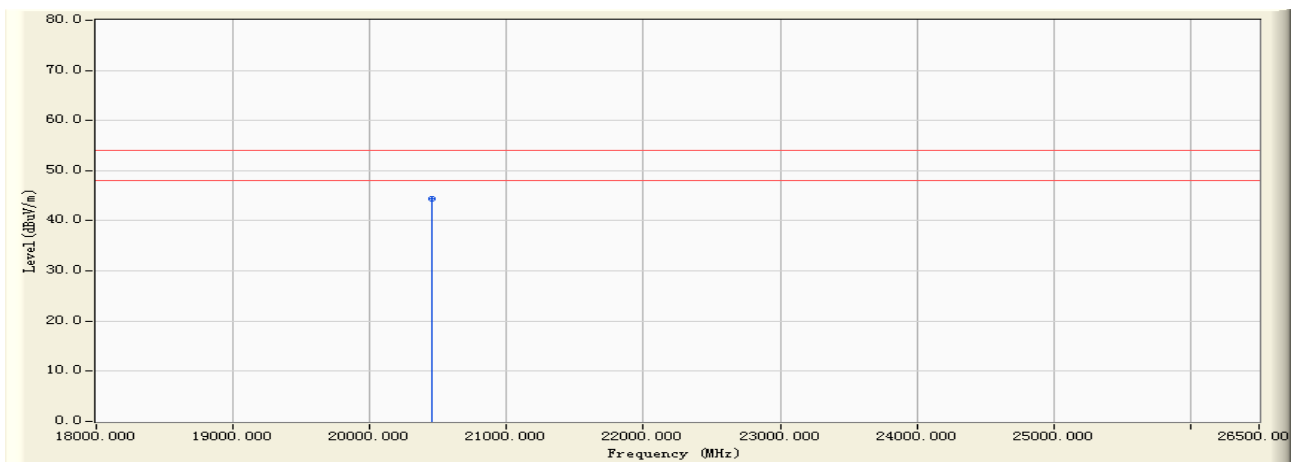
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20451.000	9.867	52.890	62.757	-11.243	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:05
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2412MHz)



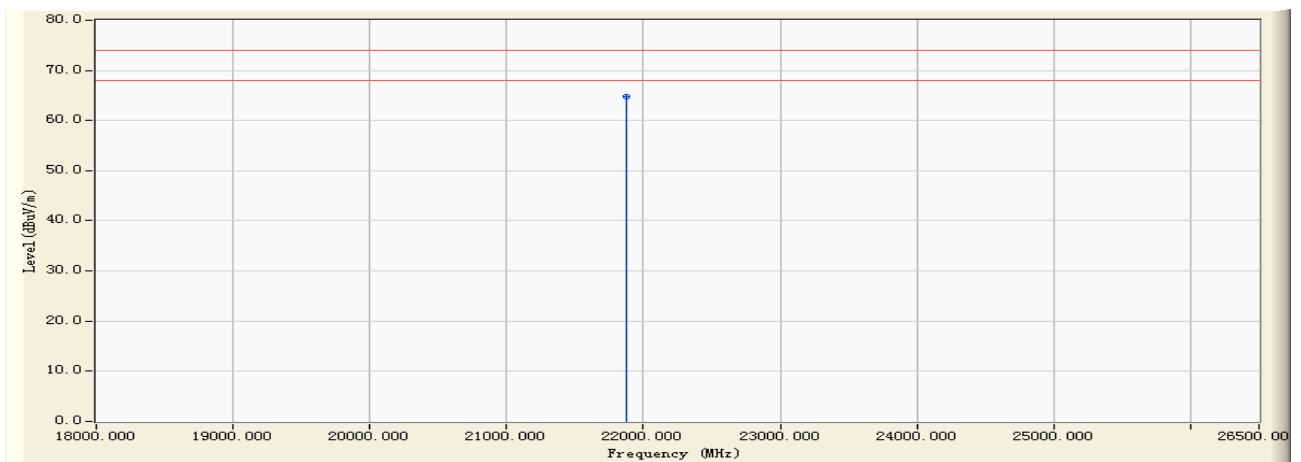
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20451.000	9.867	34.590	44.457	-9.543	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:05
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2437MHz)



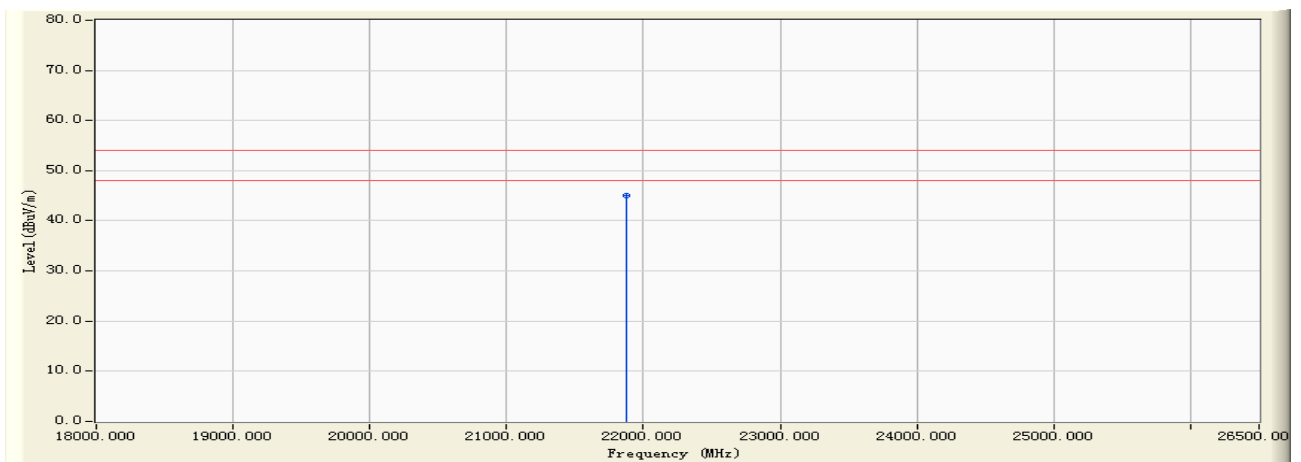
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21872.000	11.992	52.850	64.842	-9.158	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:05
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2437MHz)



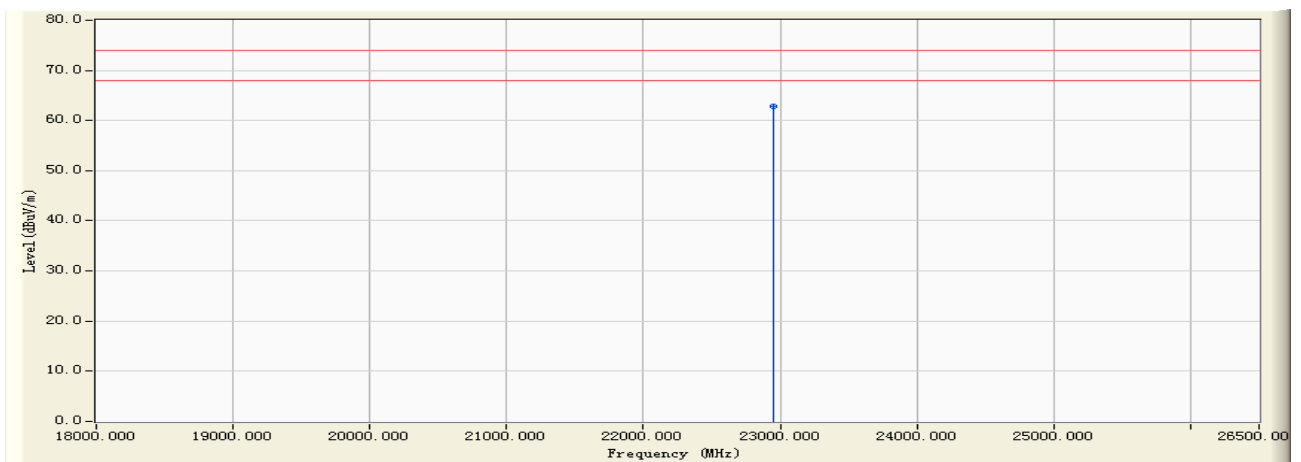
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21872.000	11.992	33.020	45.012	-8.988	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:06
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2437MHz)



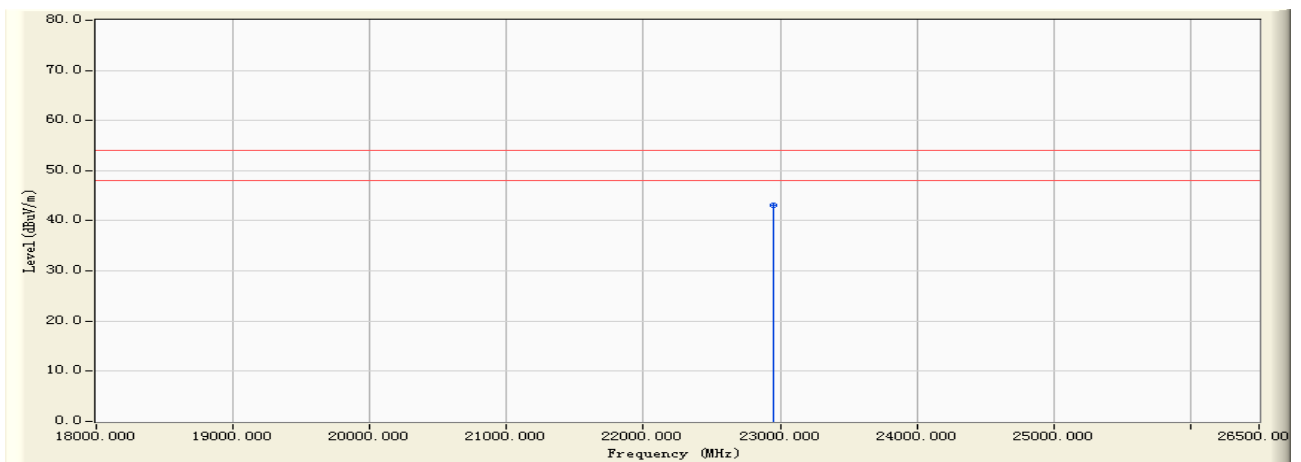
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22954.000	14.179	48.740	62.919	-11.081	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:06
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2437MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22954.000	14.179	28.970	43.149	-10.851	54.000	AVERAGE

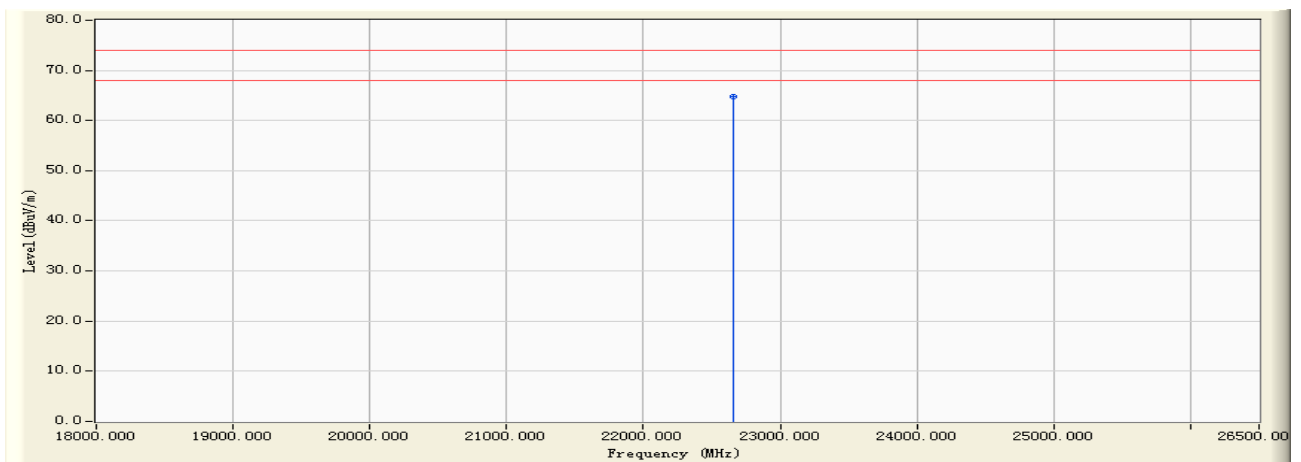
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:07
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2452MHz)



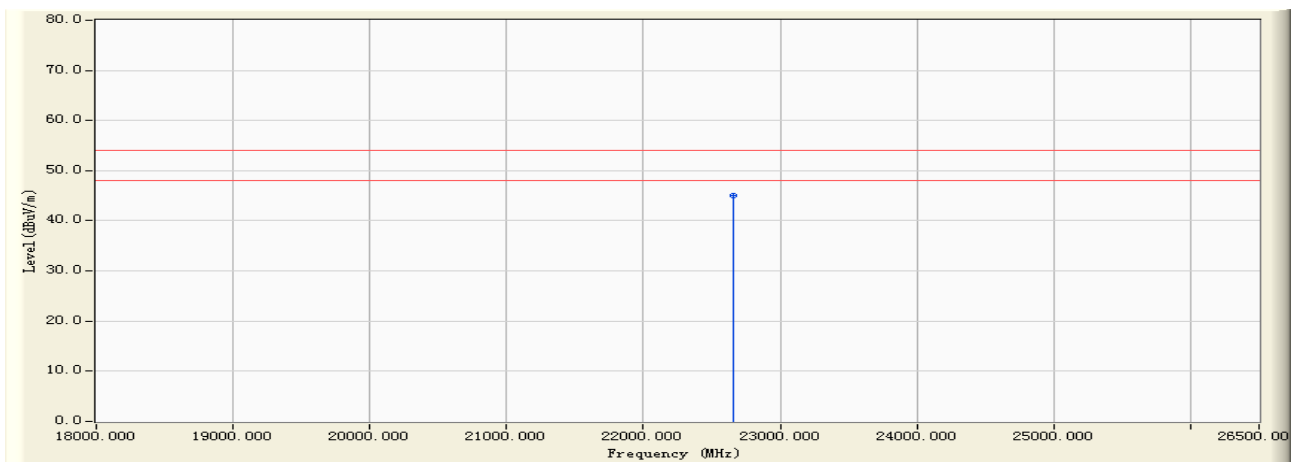
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22657.000	13.540	51.260	64.800	-9.200	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:07
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2452MHz)



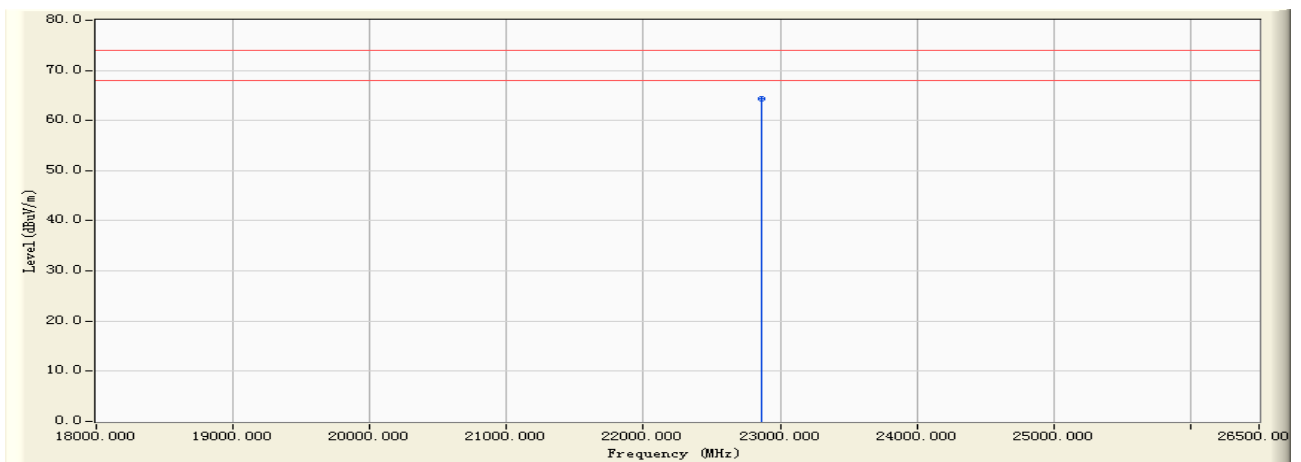
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22657.000	13.540	31.480	45.020	-8.980	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:08
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2452MHz)



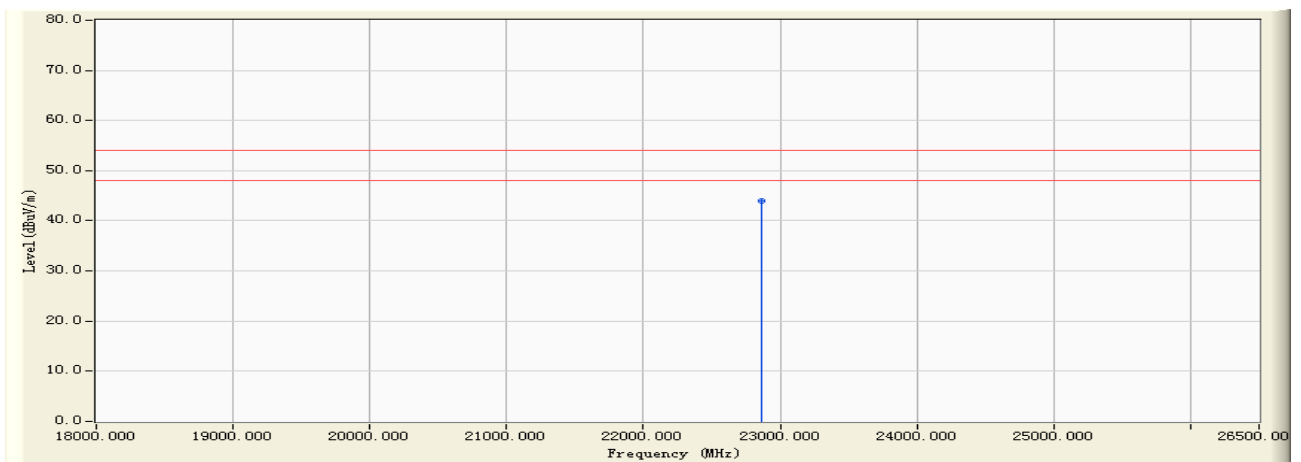
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22863.000	13.978	50.470	64.448	-9.552	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 20:08
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An1) (2452MHz)



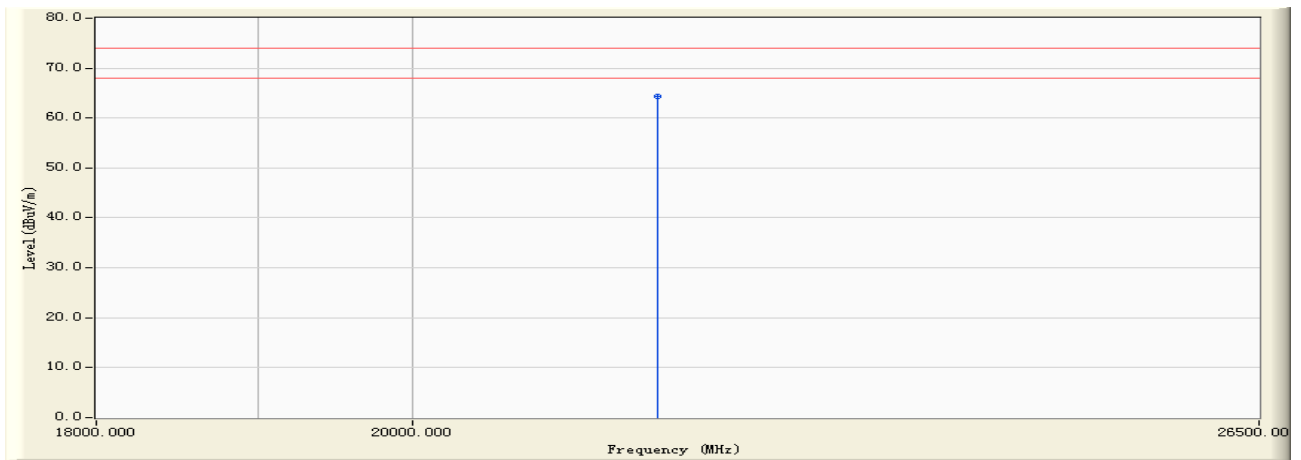
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22863.000	13.978	30.050	44.028	-9.972	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:01
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



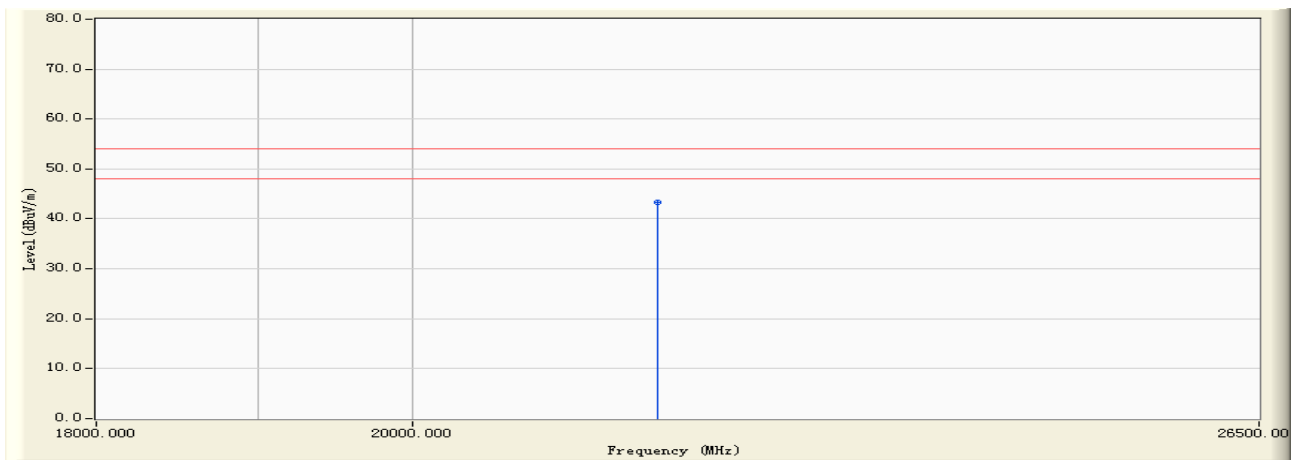
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21695.000	11.635	52.690	64.325	-9.675	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:01
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



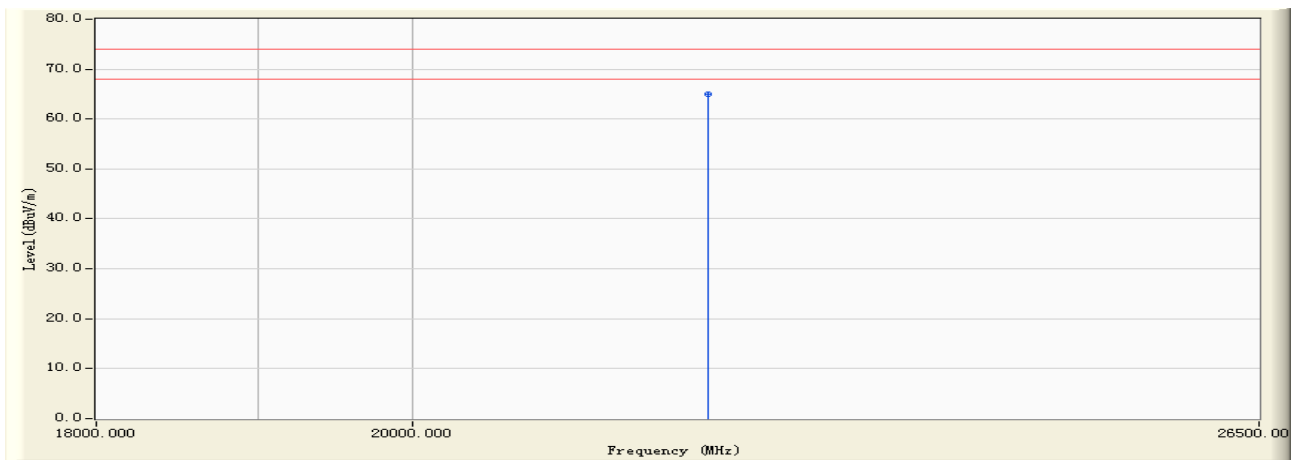
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21695.000	11.635	31.680	43.315	-10.685	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:01
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



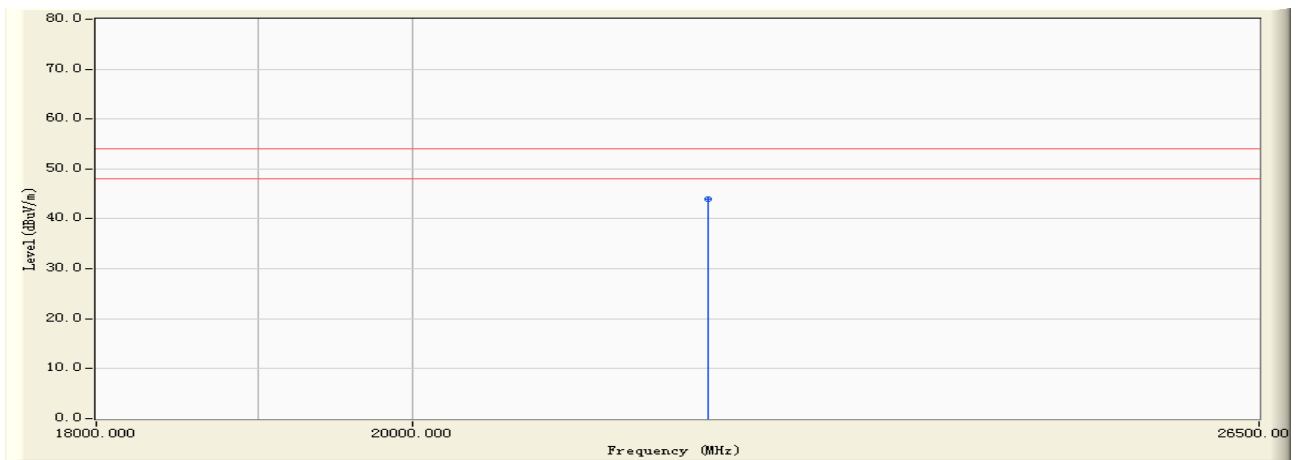
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22065.000	12.394	52.630	65.024	-8.976	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:01
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22065.000	12.394	31.570	43.964	-10.036	54.000	AVERAGE

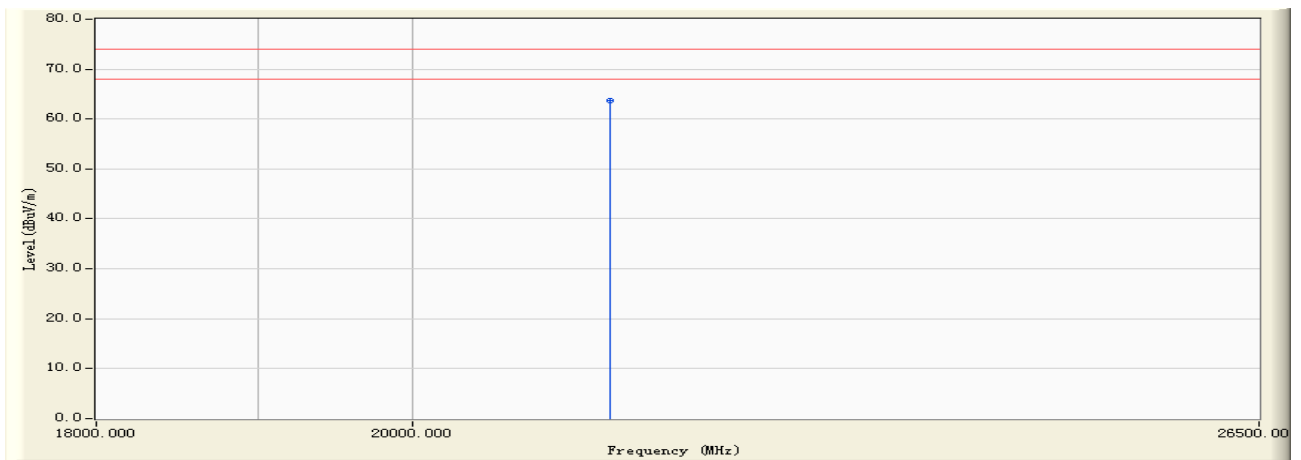
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:02
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)



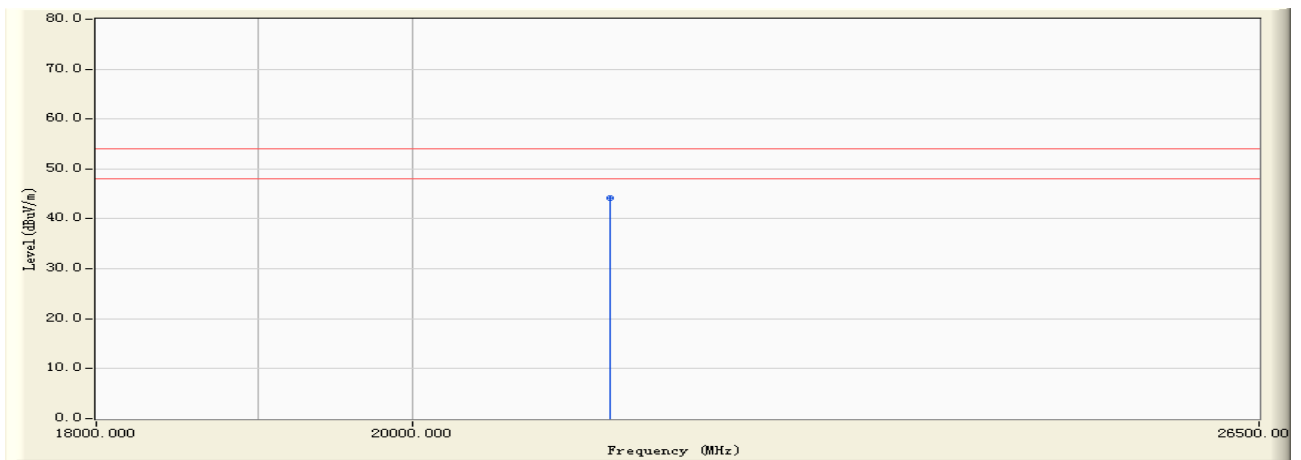
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21357.000	10.994	52.640	63.633	-10.367	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:02
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)



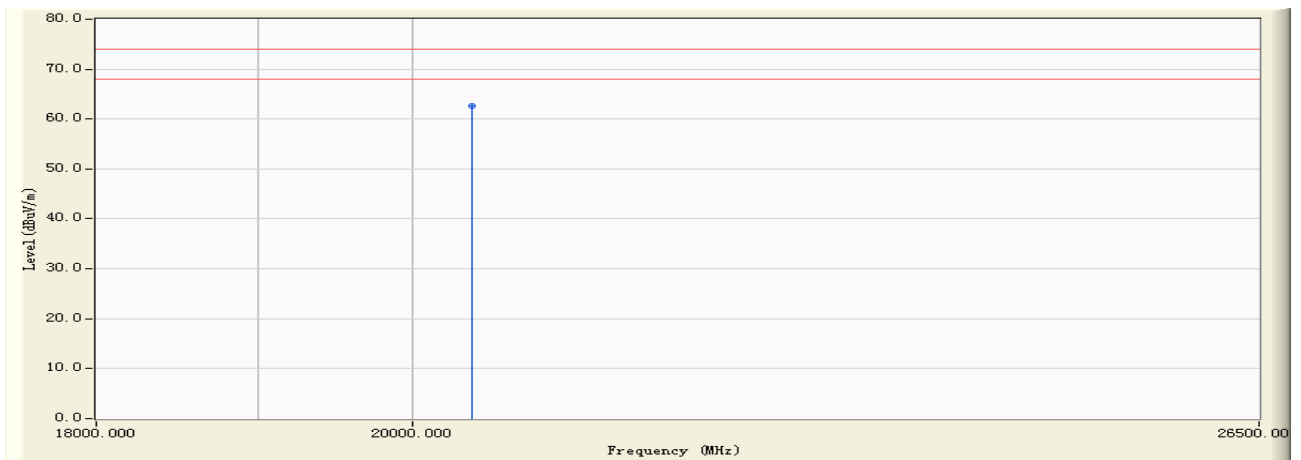
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21357.000	10.994	33.170	44.163	-9.837	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:02
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)



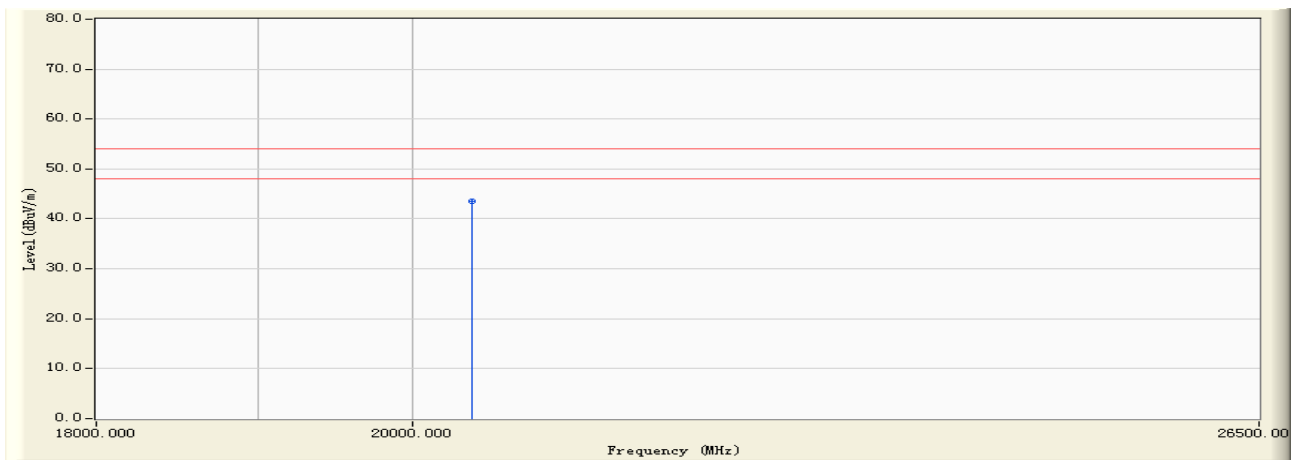
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20394.000	9.870	52.680	62.550	-11.450	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:02
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)



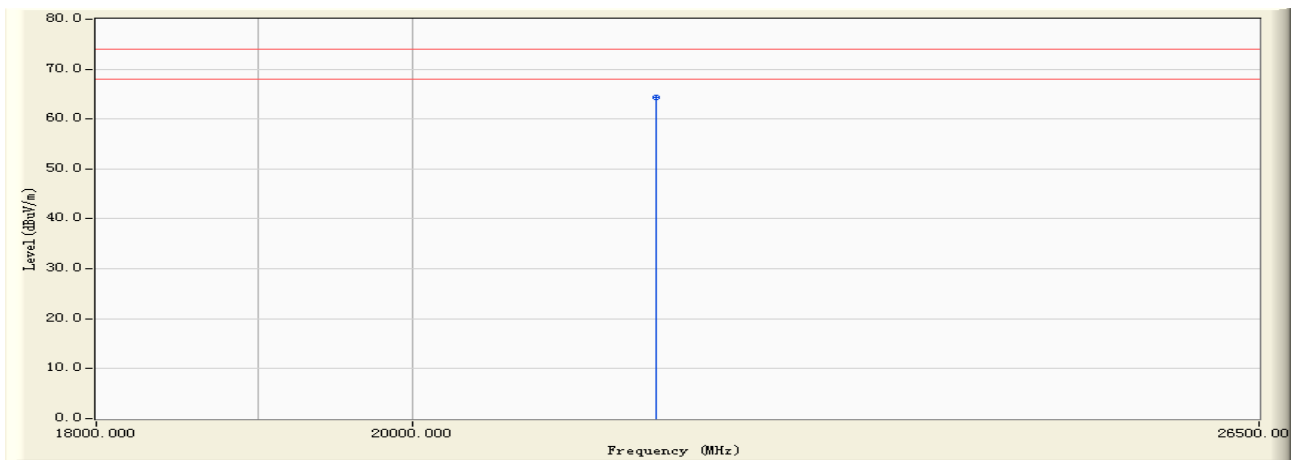
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20394.000	9.870	33.610	43.480	-10.520	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:03
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



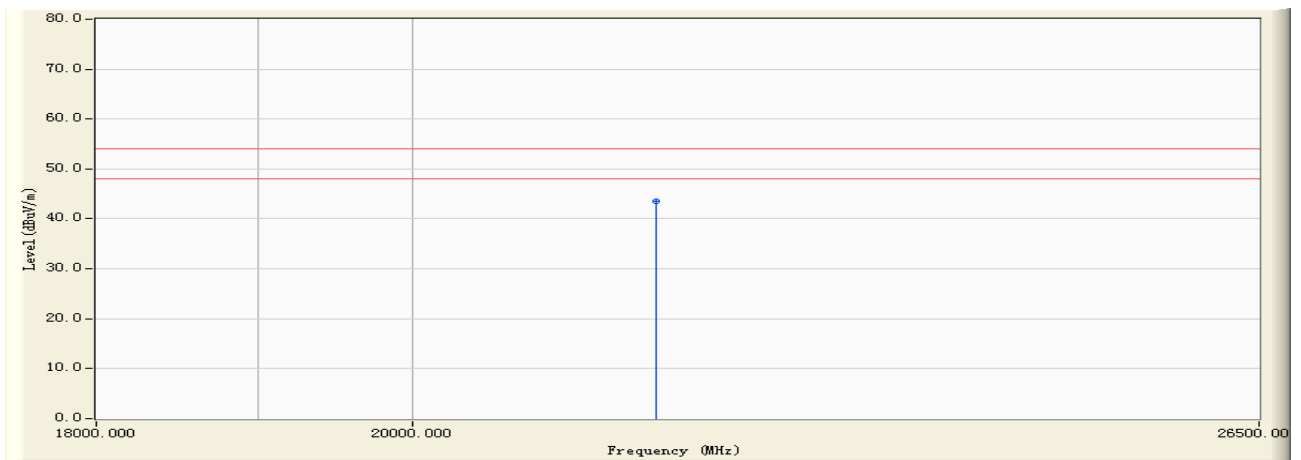
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21684.000	11.618	52.630	64.247	-9.753	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:03
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



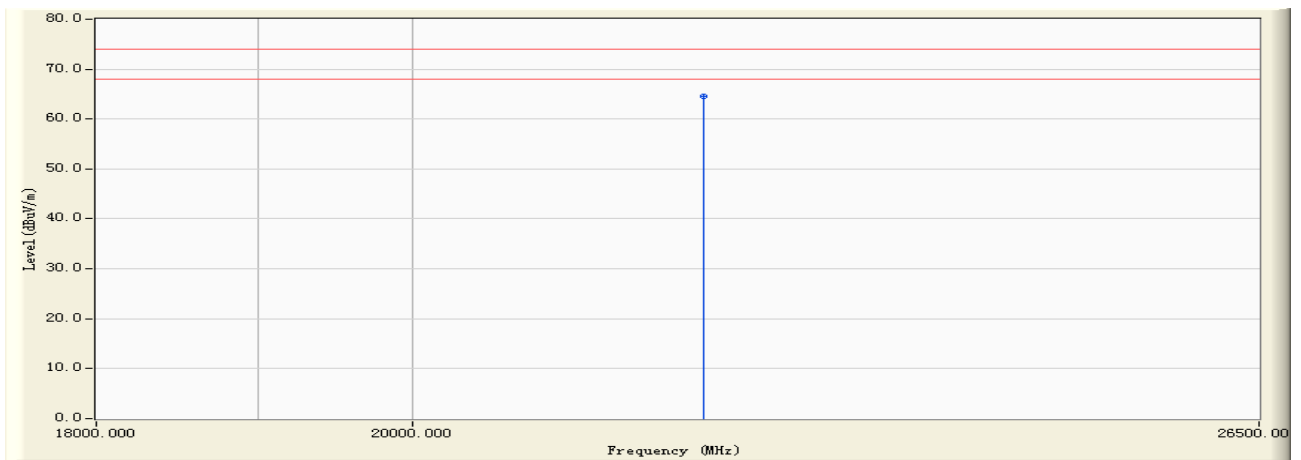
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21684.000	11.618	31.990	43.607	-10.393	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:04
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



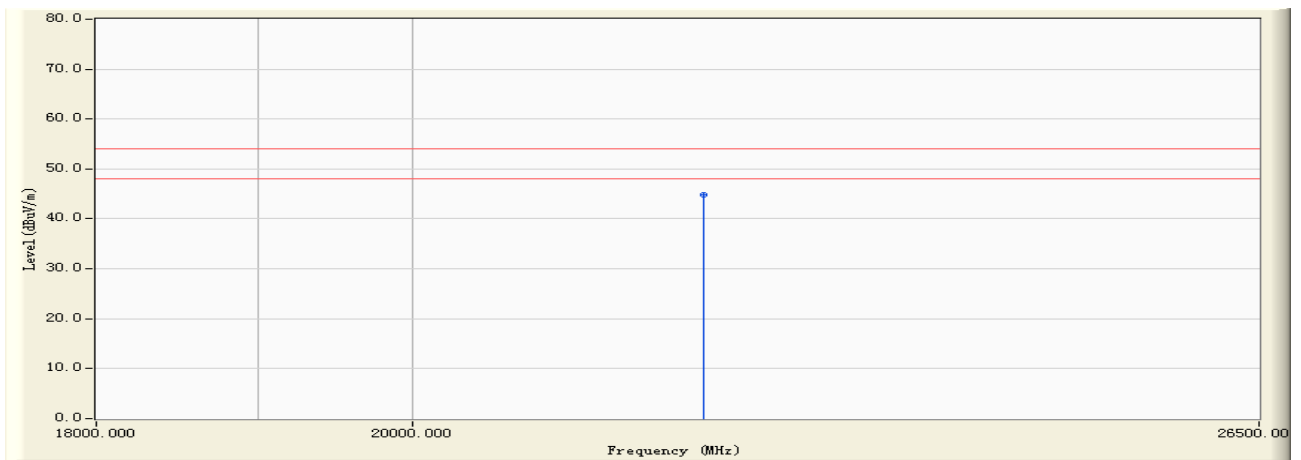
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22035.000	12.346	52.160	64.506	-9.494	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:04
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22035.000	12.346	32.470	44.816	-9.184	54.000	AVERAGE

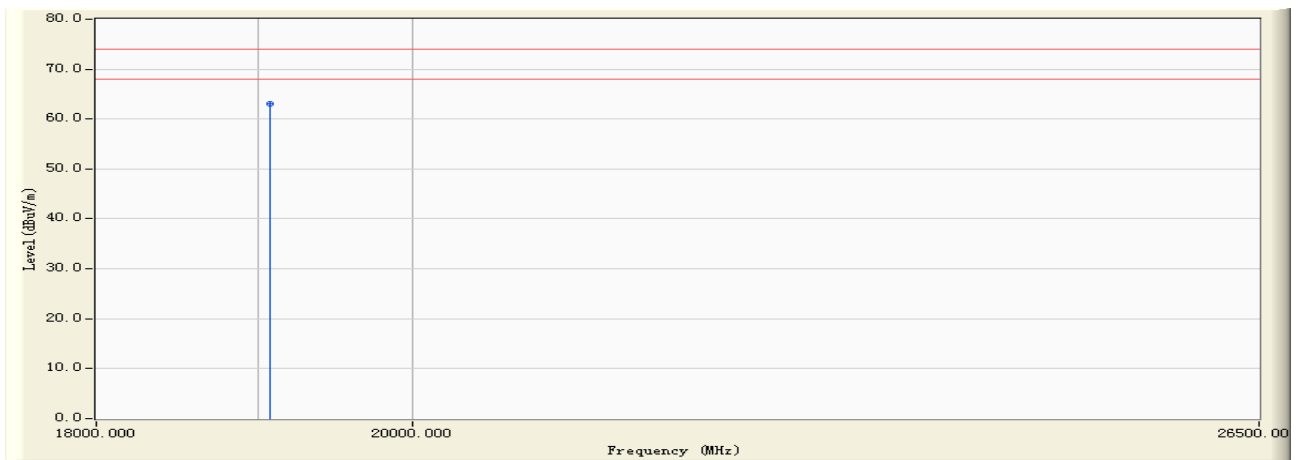
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:04
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



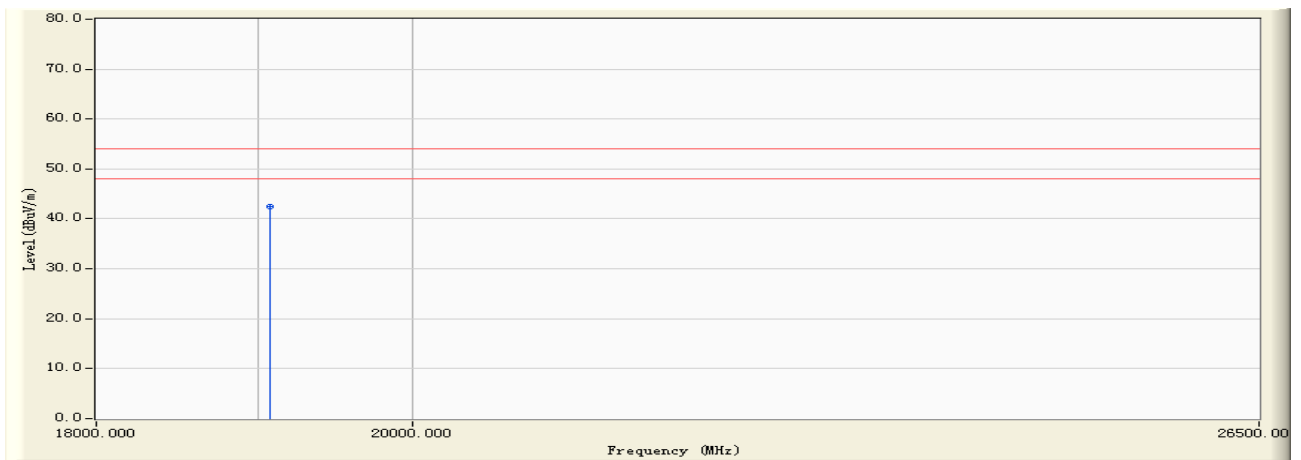
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19068.000	9.867	53.210	63.077	-10.923	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:04
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



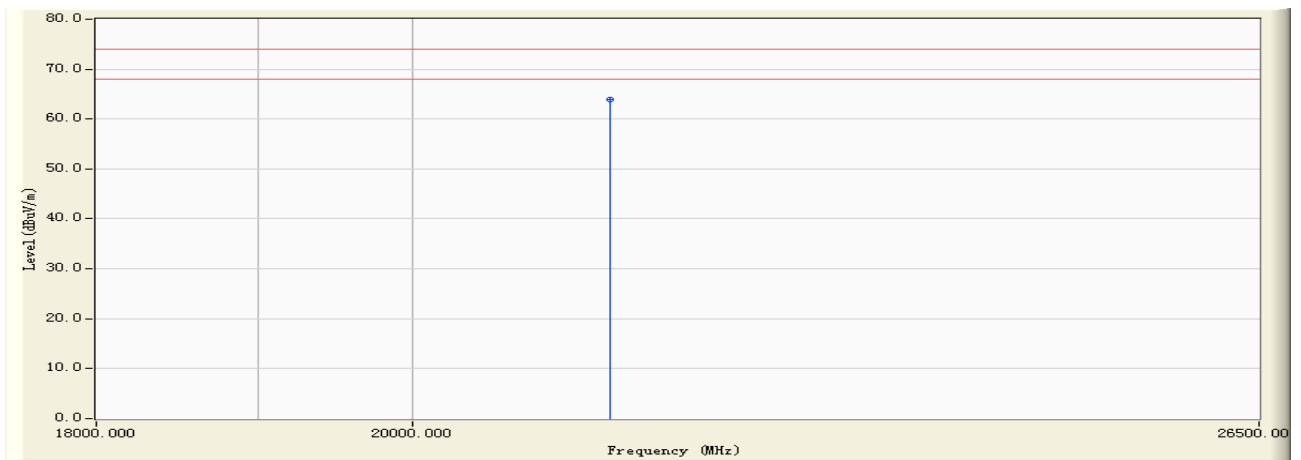
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19068.000	9.867	32.650	42.517	-11.483	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:05
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



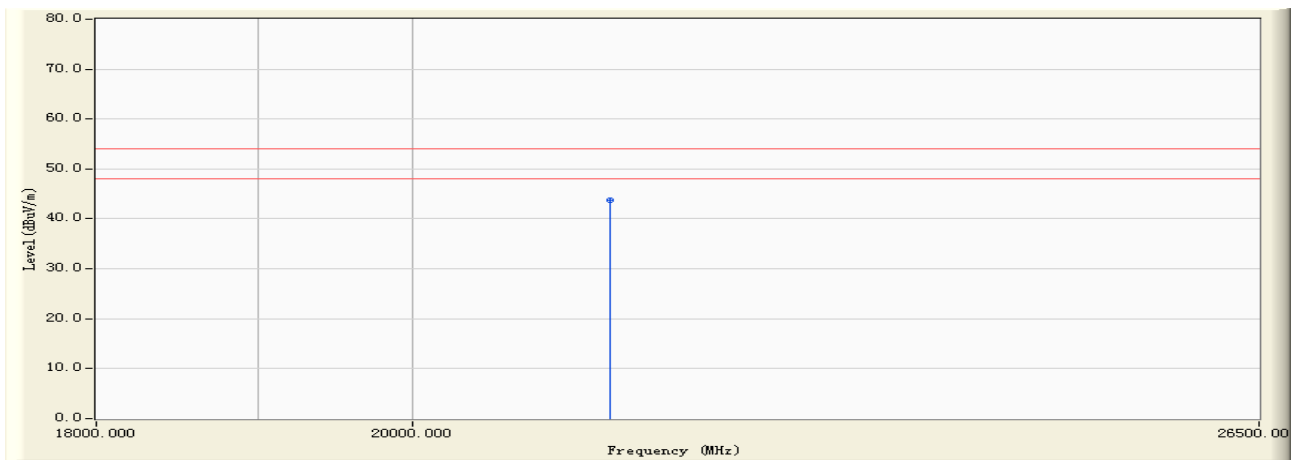
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21354.000	10.987	52.830	63.817	-10.183	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:05
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



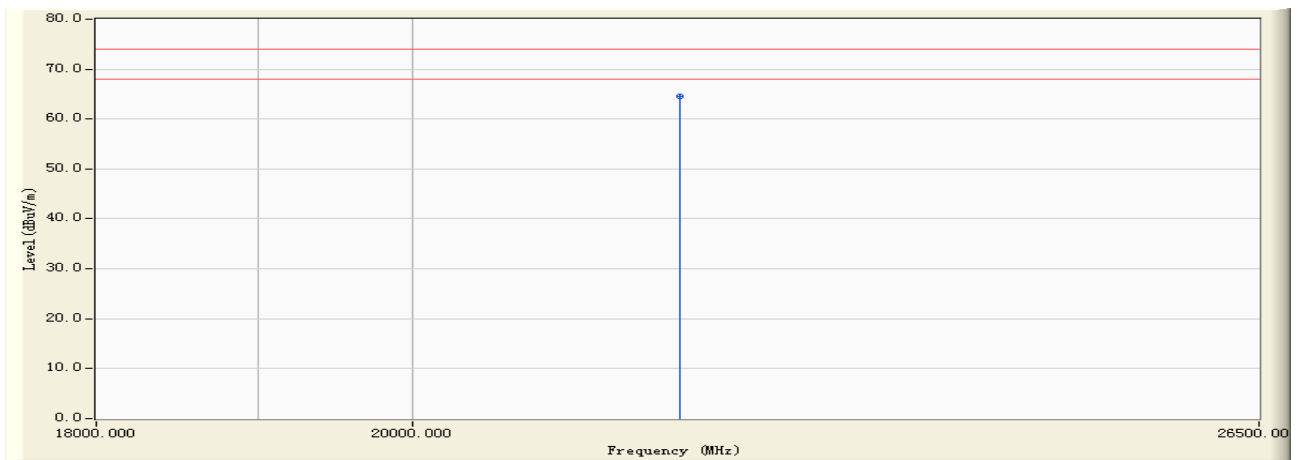
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21354.000	10.987	32.670	43.657	-10.343	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:05
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)



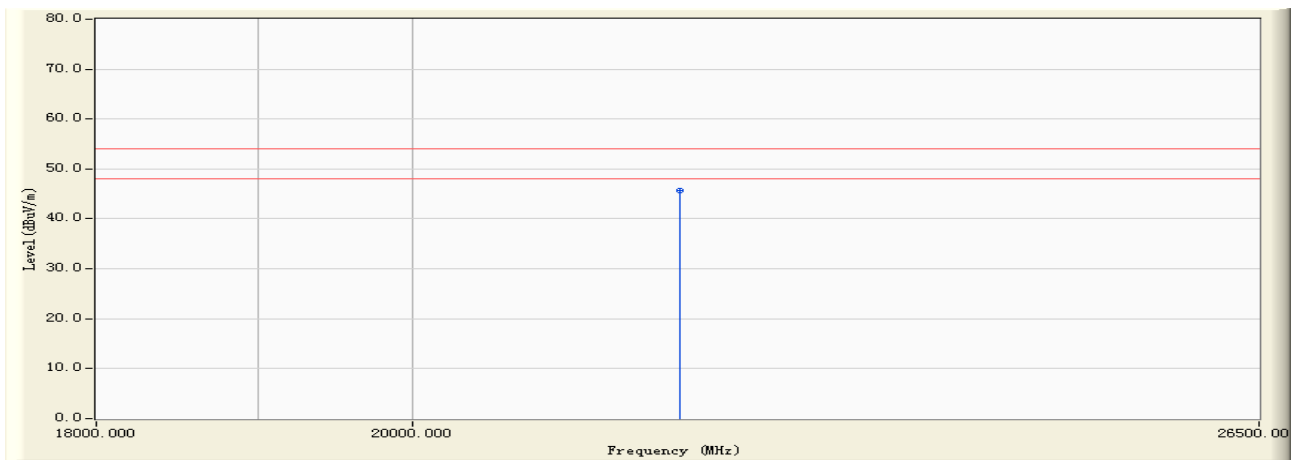
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21859.000	11.960	52.610	64.570	-9.430	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:05
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)



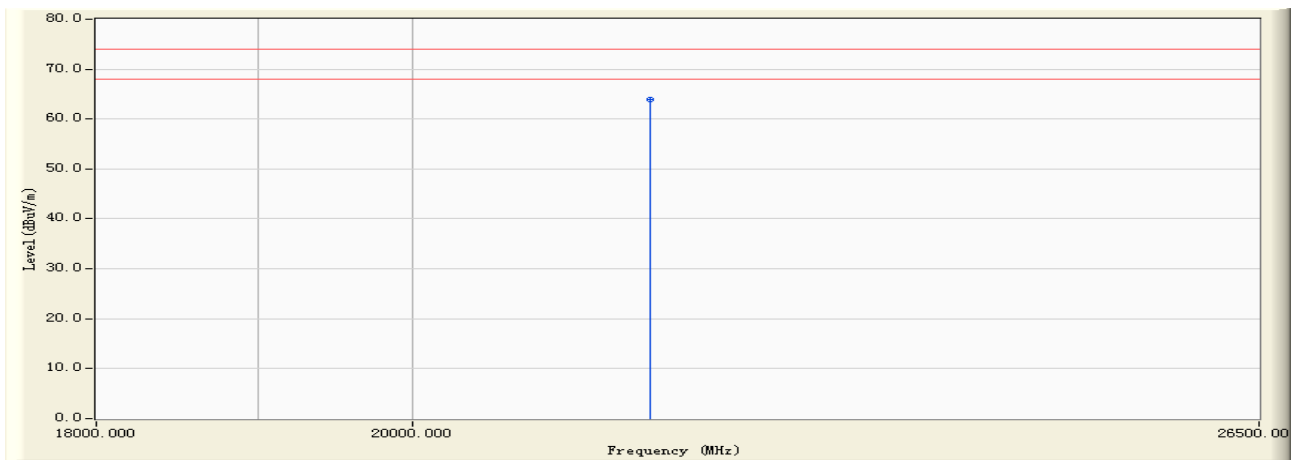
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21859.000	11.960	33.620	45.580	-8.420	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:06
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)



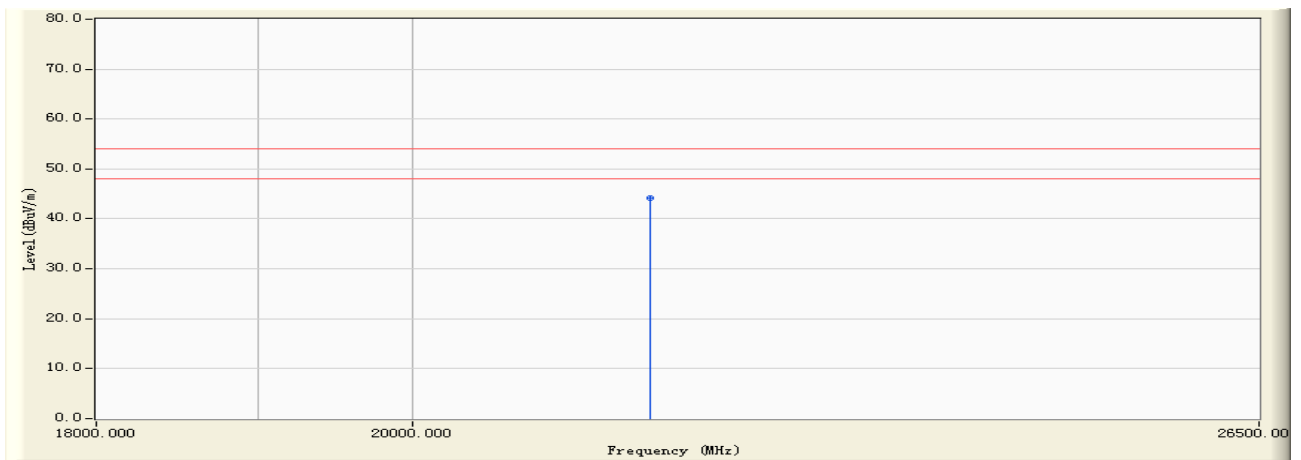
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21638.000	11.523	52.290	63.813	-10.187	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:06
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21638.000	11.523	32.570	44.093	-9.907	54.000	AVERAGE

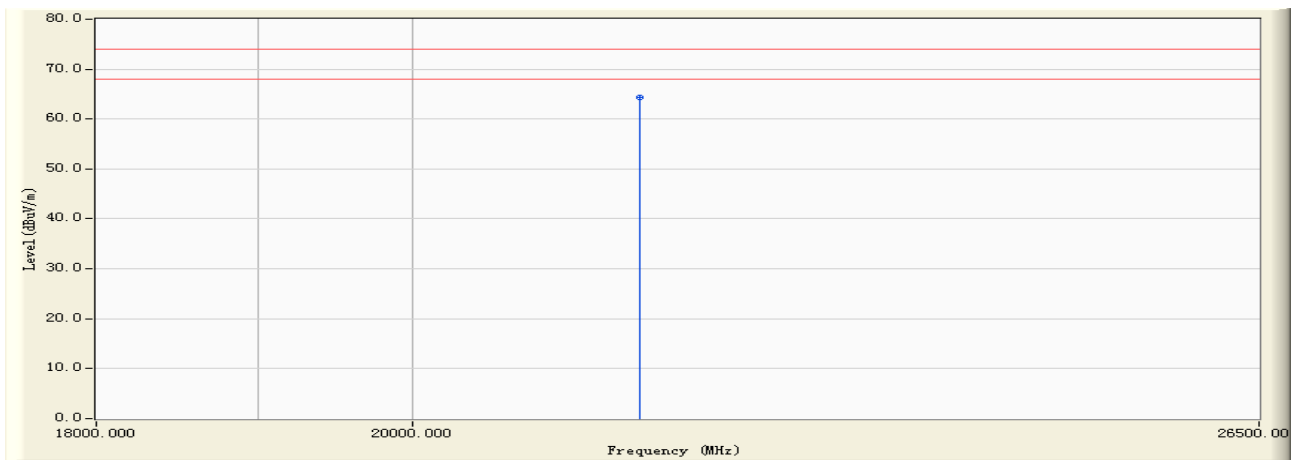
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:07
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



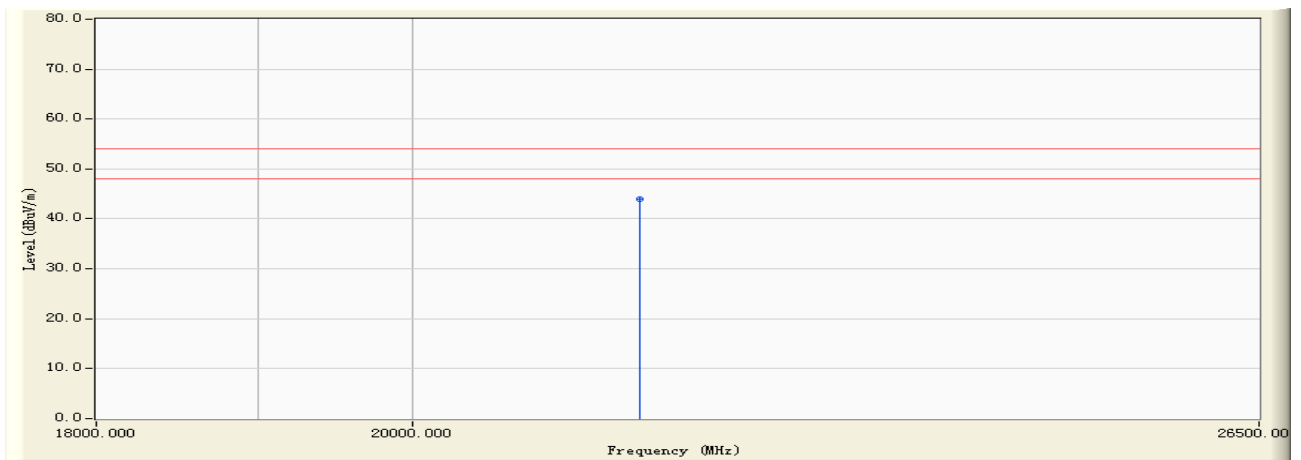
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21567.000	11.389	52.890	64.279	-9.721	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:07
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



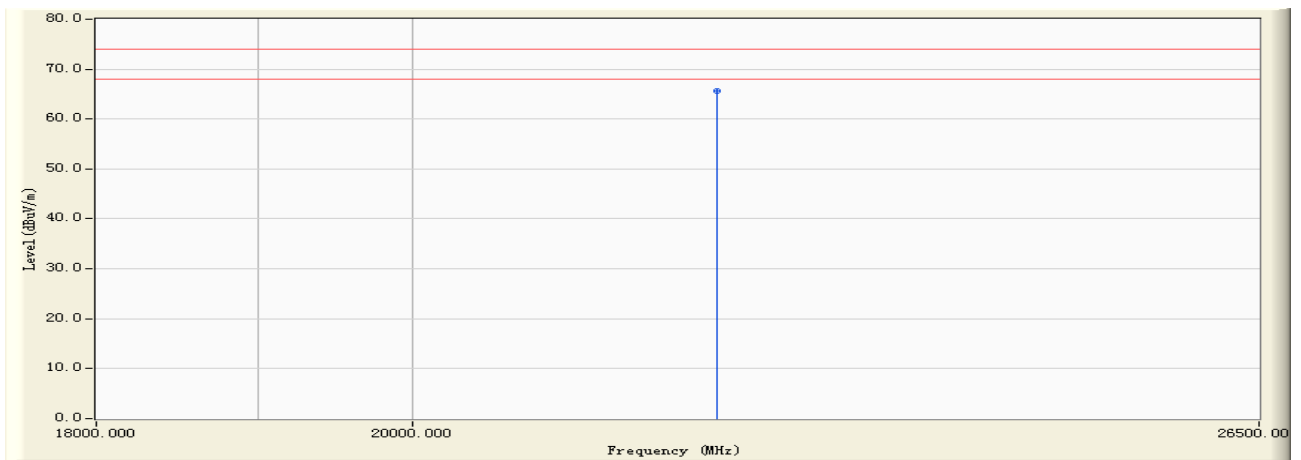
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21567.000	11.389	32.560	43.949	-10.051	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:07
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



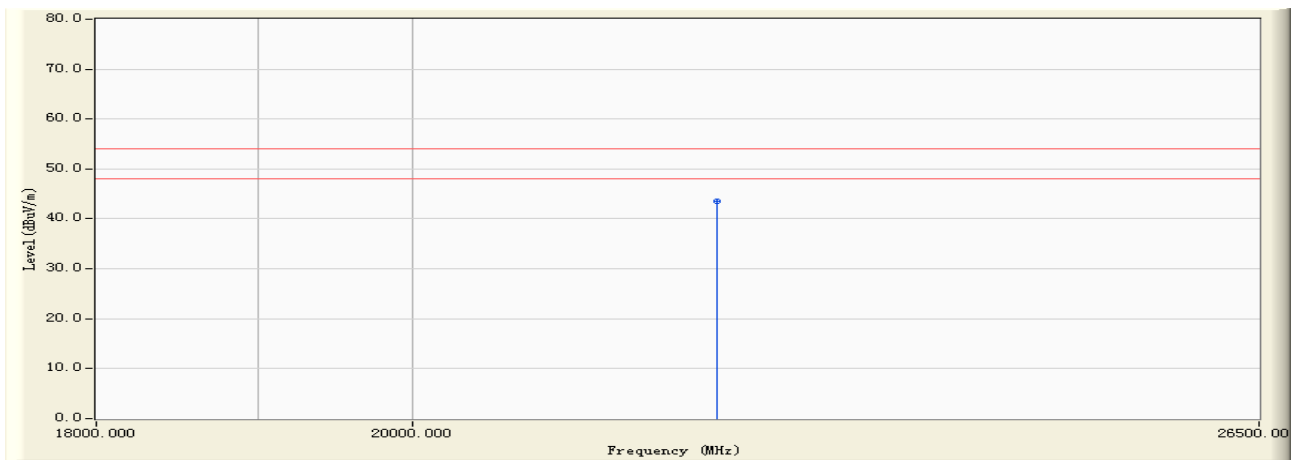
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22132.000	12.530	53.160	65.691	-8.309	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/10/09 - 23:07
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9170(18-26.5GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22132.000	12.530	31.060	43.591	-10.409	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Test engineer: Fred Guo



## 5. Occupied Bandwidth

### 5.1. Test Limit

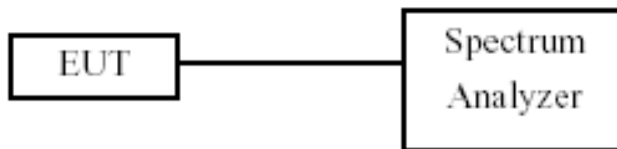
Systems using digital modulation techniques may operate in the 902 - 928 MHz, 2400 - 2483.5 MHz, and 5725- 5850 MHz band. The minimum 6 dB bandwidth shall be at least 500 kHz.

### 5.2. Test Procedures

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 100 kHz, Span greater than RBW.

### 5.3. Test Setup Layout



### 5.4. Measurement Equipment

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17

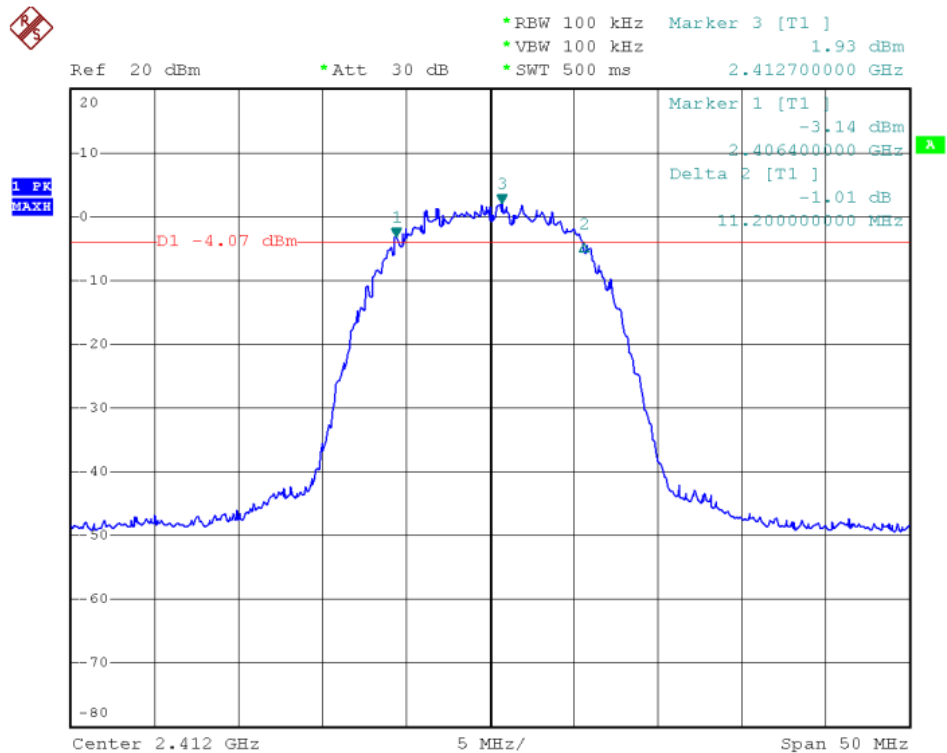


### 5.5. Test Result and Data

Test Item	Occupied Bandwidth
Test Mode	Mode 1: Transmit by 802.11b (An0)
Test Date	2010-10-08

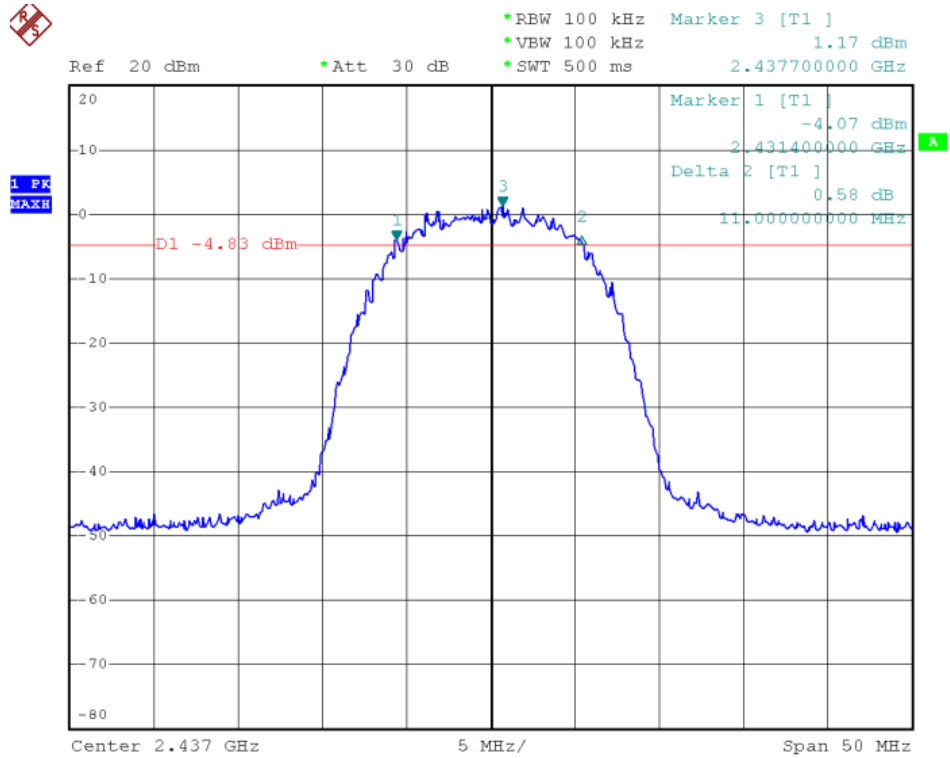
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	11200	500	Pass
06	2437	11000	500	Pass
11	2462	11000	500	Pass

Channel 01 (2412MHz)

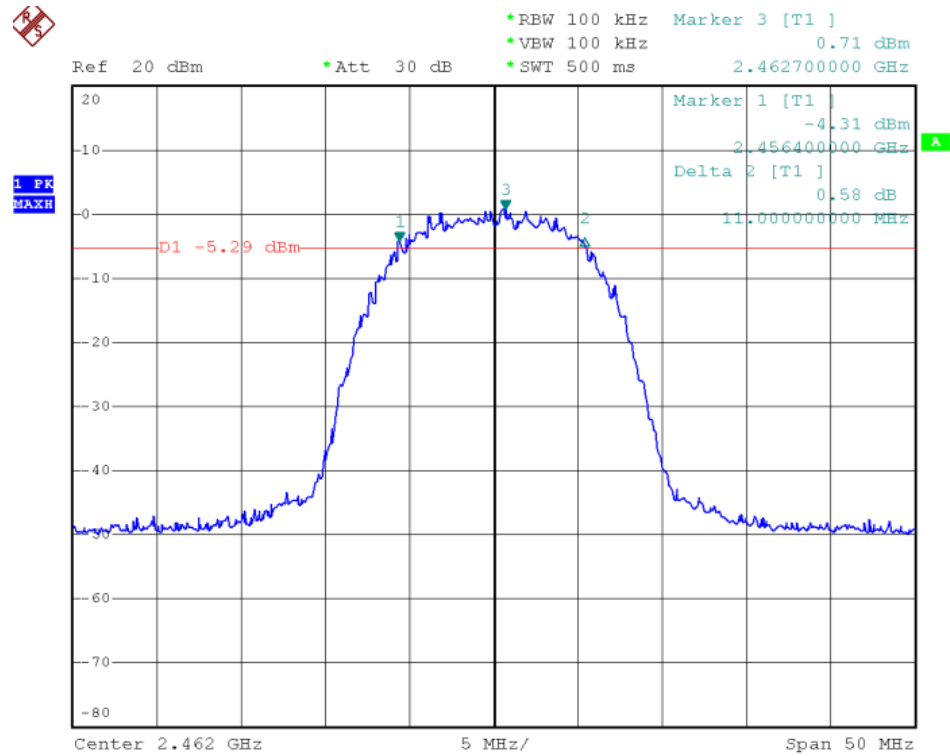




### Channel 06 (2437MHz)



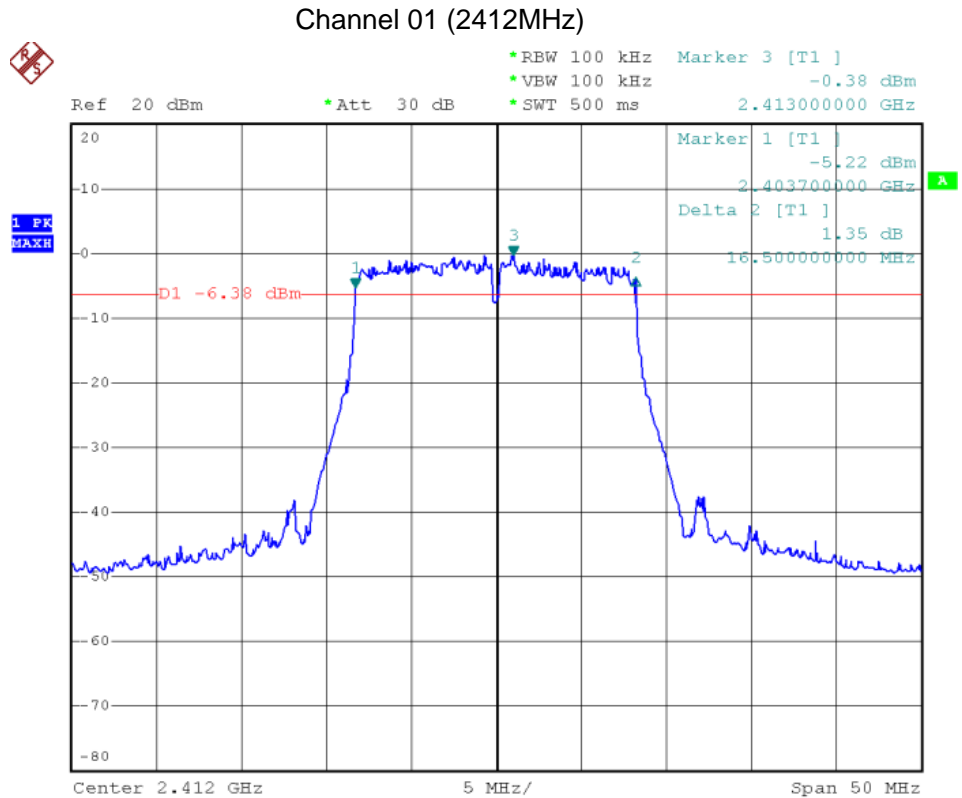
### Channel 11 (2462MHz)





Test Item	Occupied Bandwidth
Test Mode	Mode 2: Transmit by 802.11g (An0)
Test Date	2010-10-08

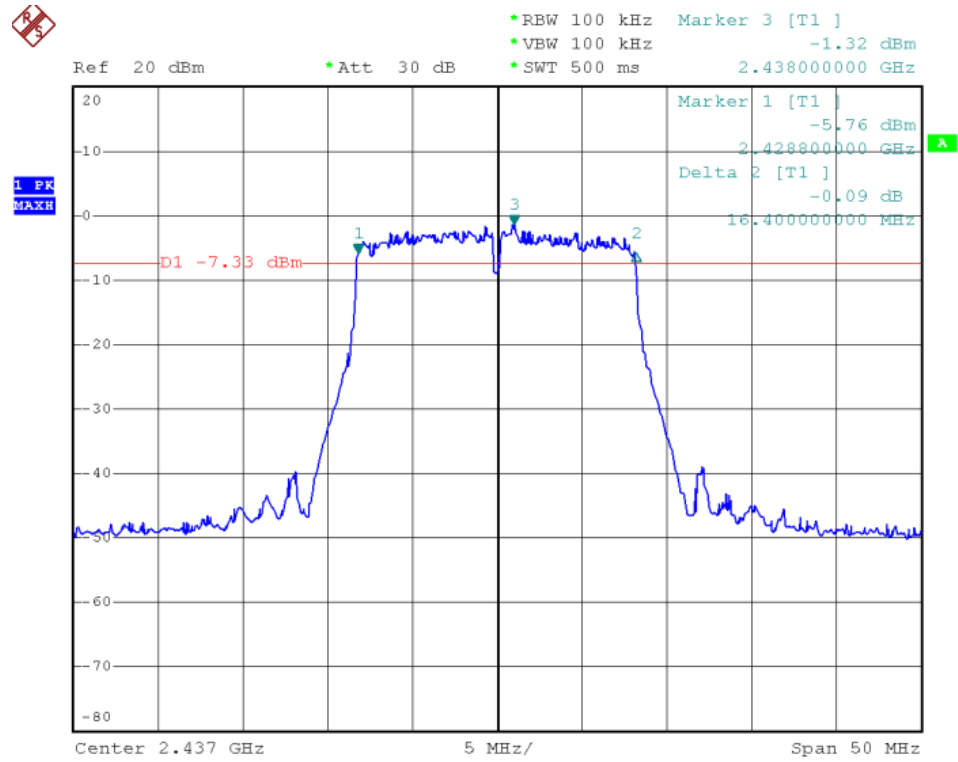
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	16500	500	Pass
06	2437	16400	500	Pass
11	2462	16500	500	Pass



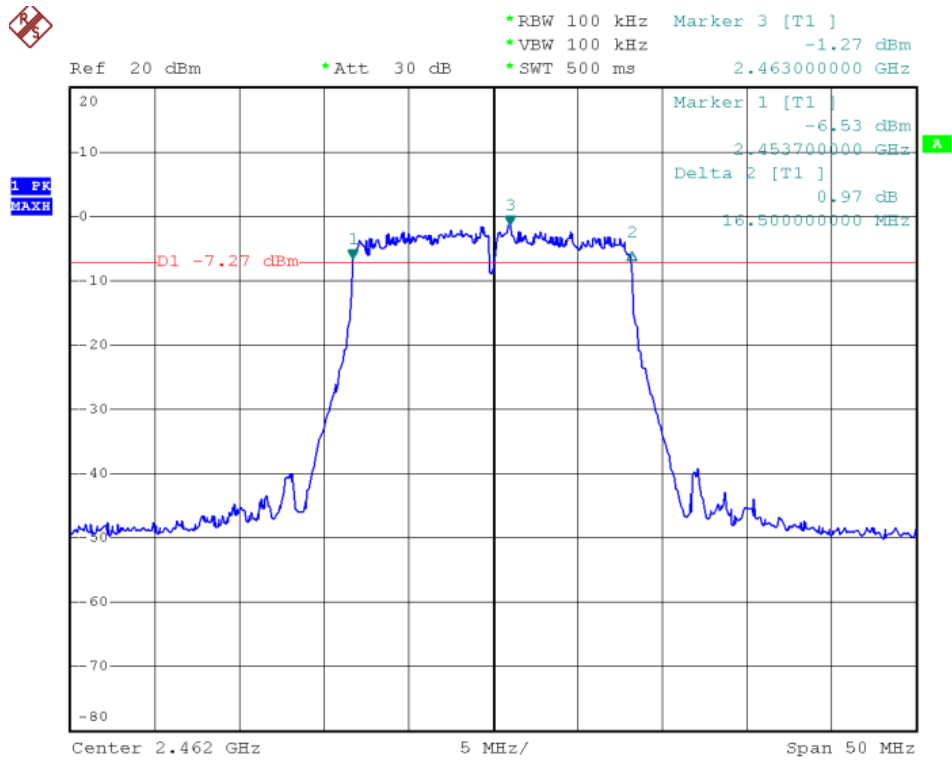




Channel 06 (2437MHz)



Channel 11 (2462MHz)

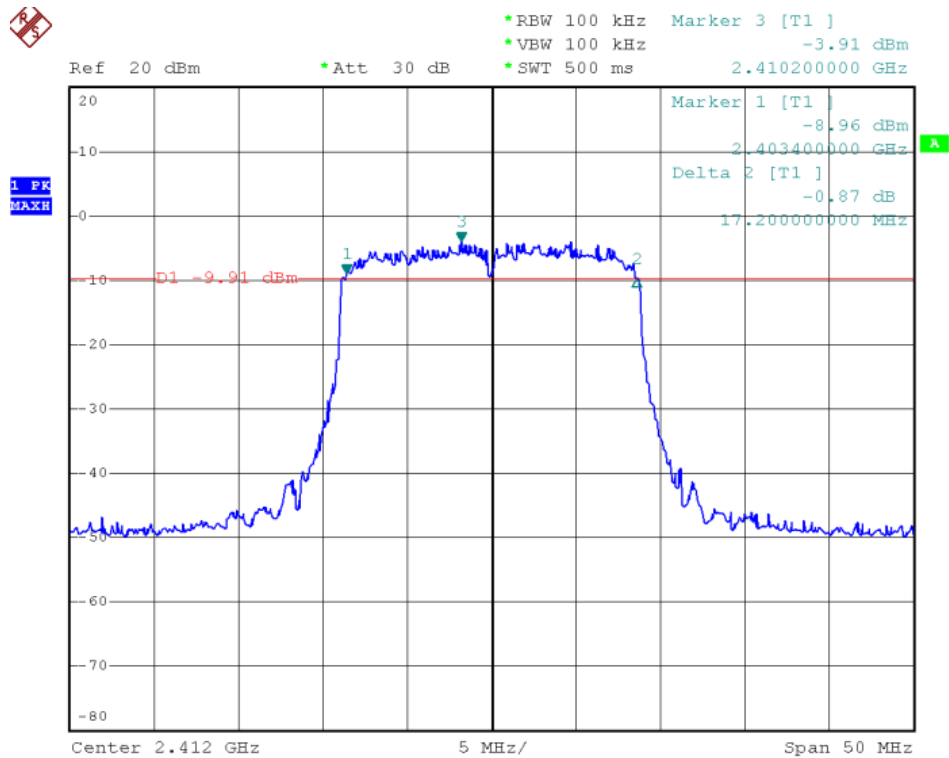




Test Item	Occupied Bandwidth
Test Mode	Mode 3: Transmit by 802.11n (20MHz) (An0)
Test Date	2010-10-08

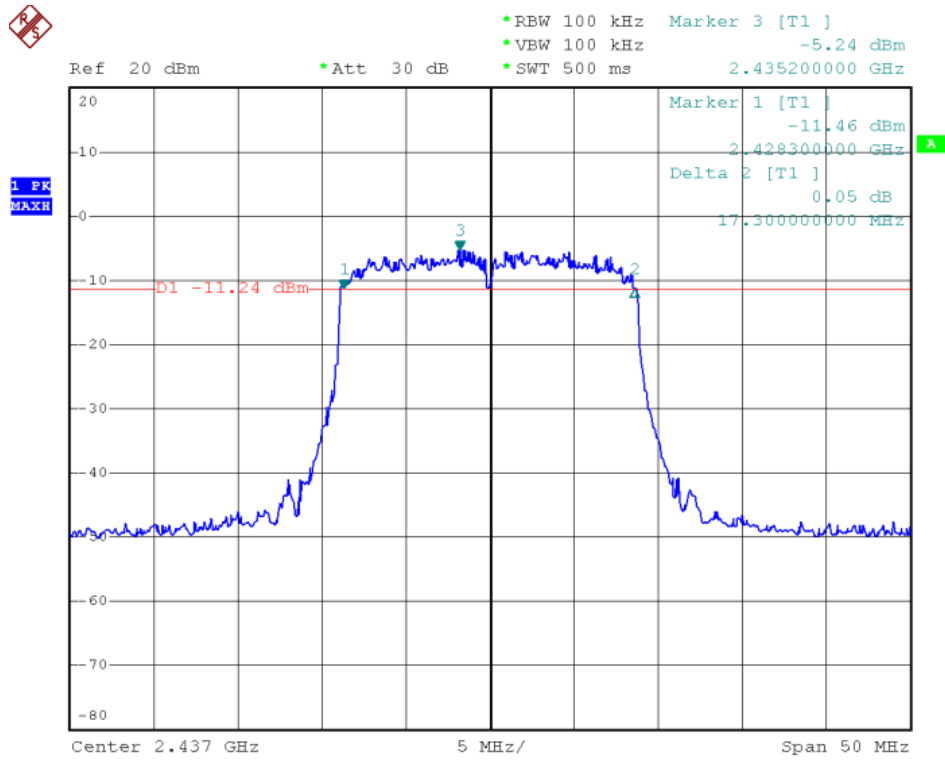
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	17200	500	Pass
06	2437	17300	500	Pass
11	2462	17300	500	Pass

Channel 01 (2412MHz)

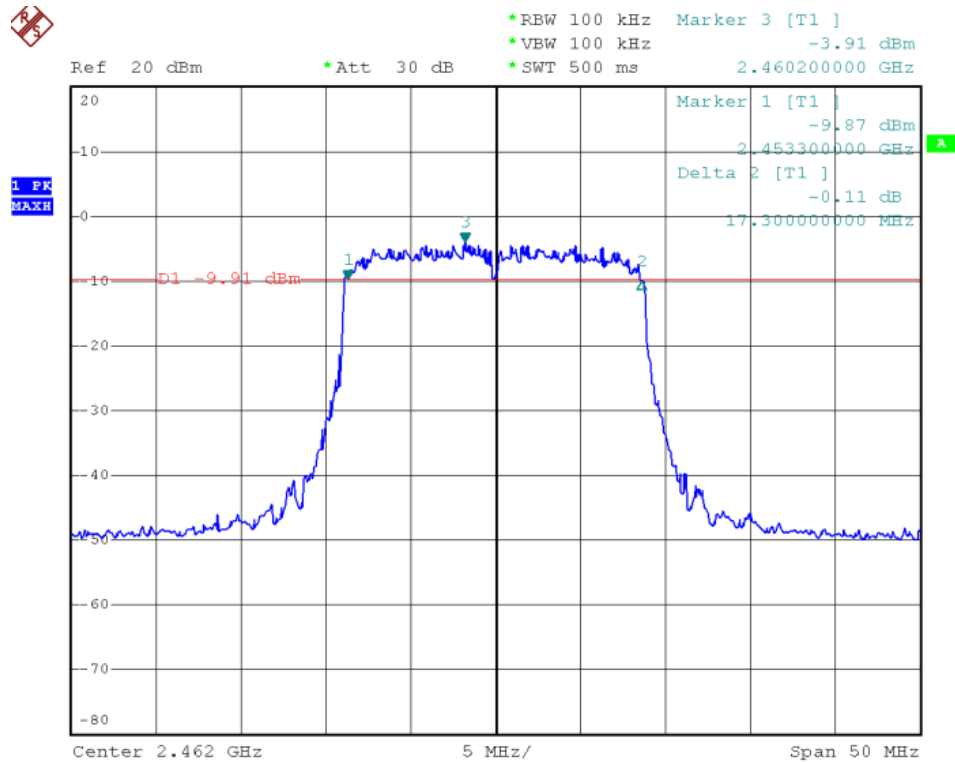




### Channel 06 (2437MHz)



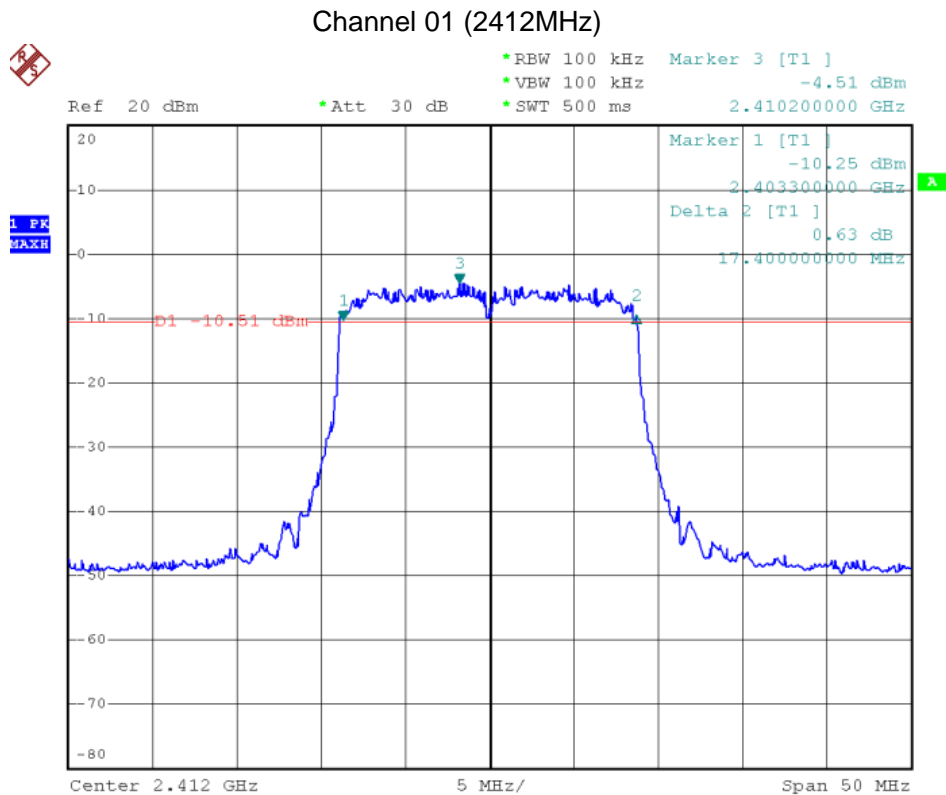
### Channel 11 (2462MHz)





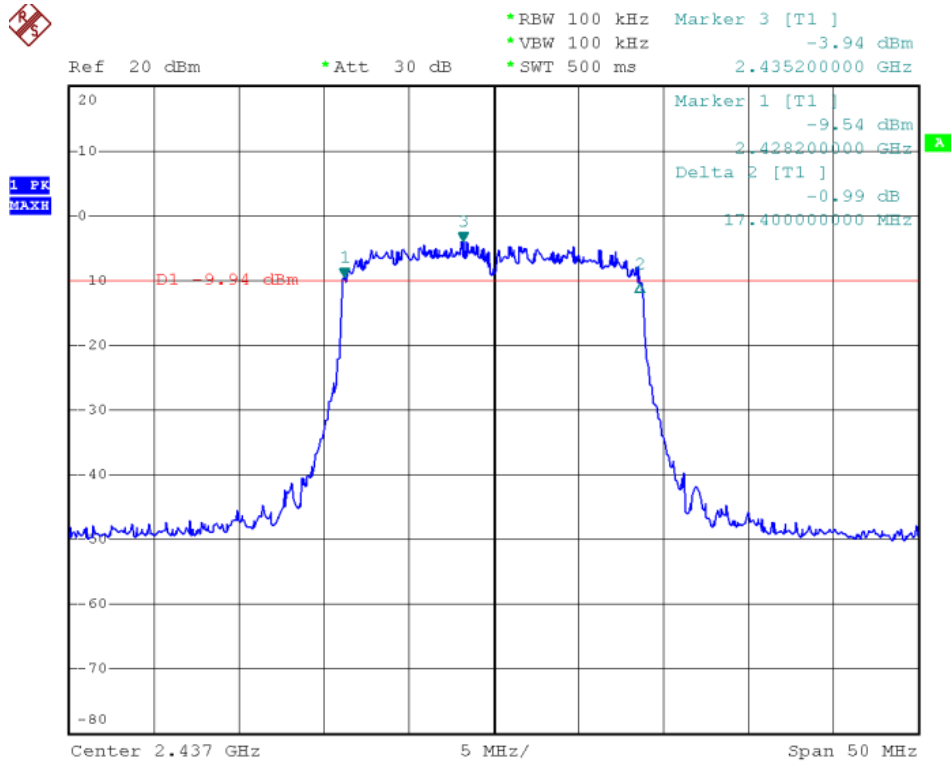
Test Item	Occupied Bandwidth
Test Mode	Mode 3: Transmit by 802.11n (20MHz) (An1)
Test Date	2010-10-08

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	17400	500	Pass
06	2437	17400	500	Pass
11	2462	17400	500	Pass

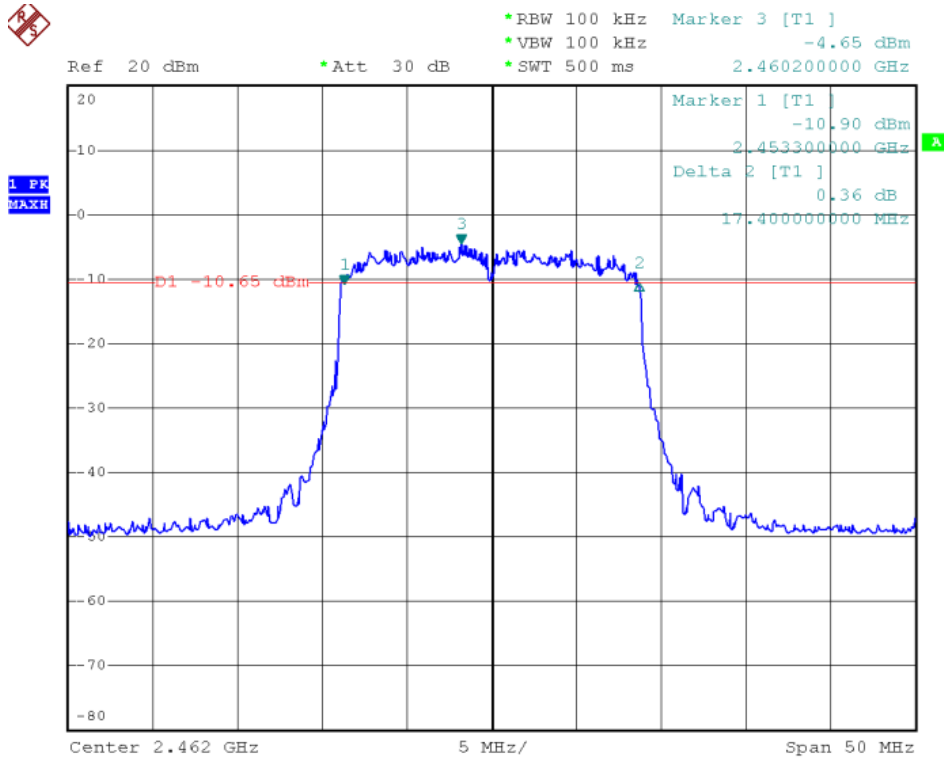




Channel 06 (2437MHz)



Channel 11 (2462MHz)

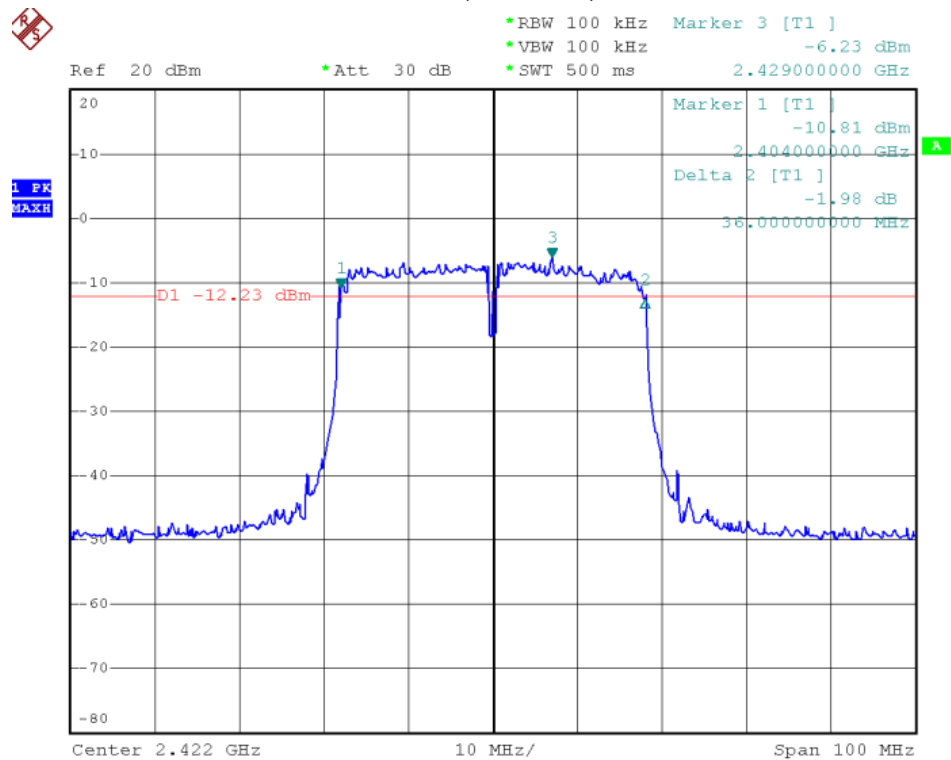




Test Item	Occupied Bandwidth
Test Mode	Mode 4: Transmit by 802.11n (40MHz) (An0)
Test Date	2010-10-08

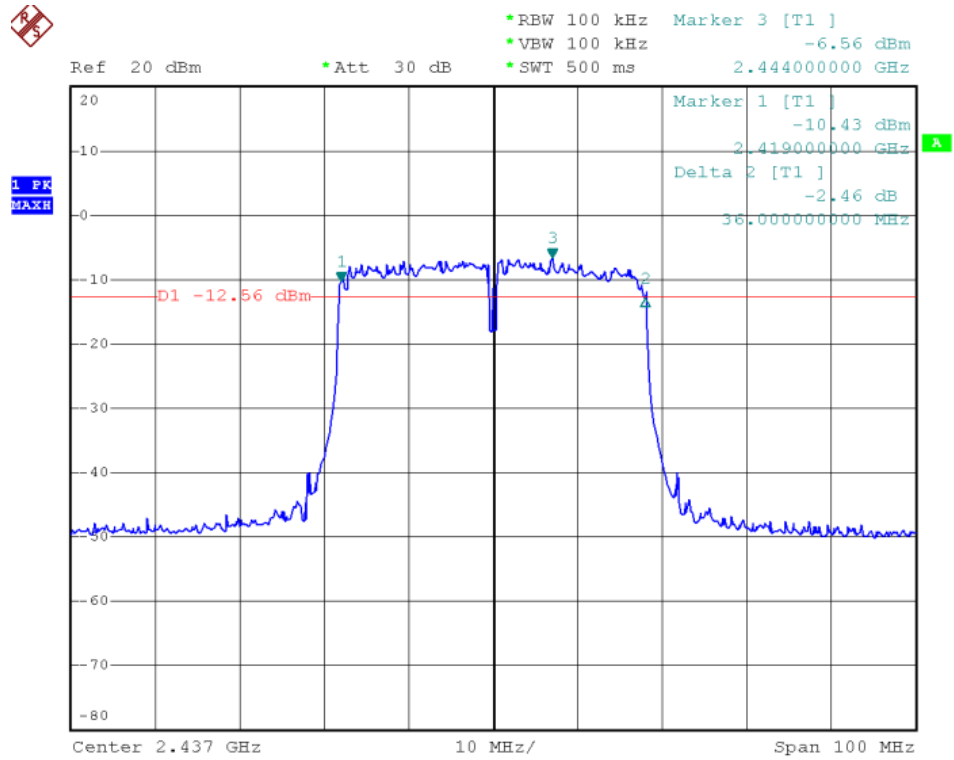
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
03	2422	36000	500	Pass
06	2437	36000	500	Pass
09	2452	36000	500	Pass

Channel 03 (2422MHz)

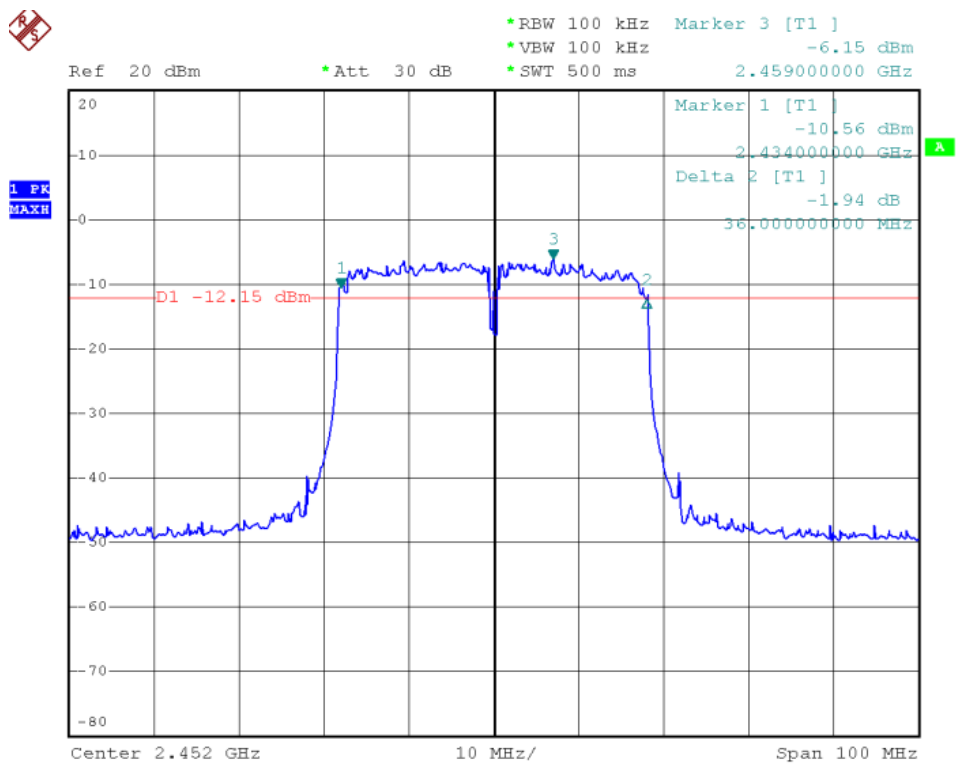




### Channel 06 (2437MHz)



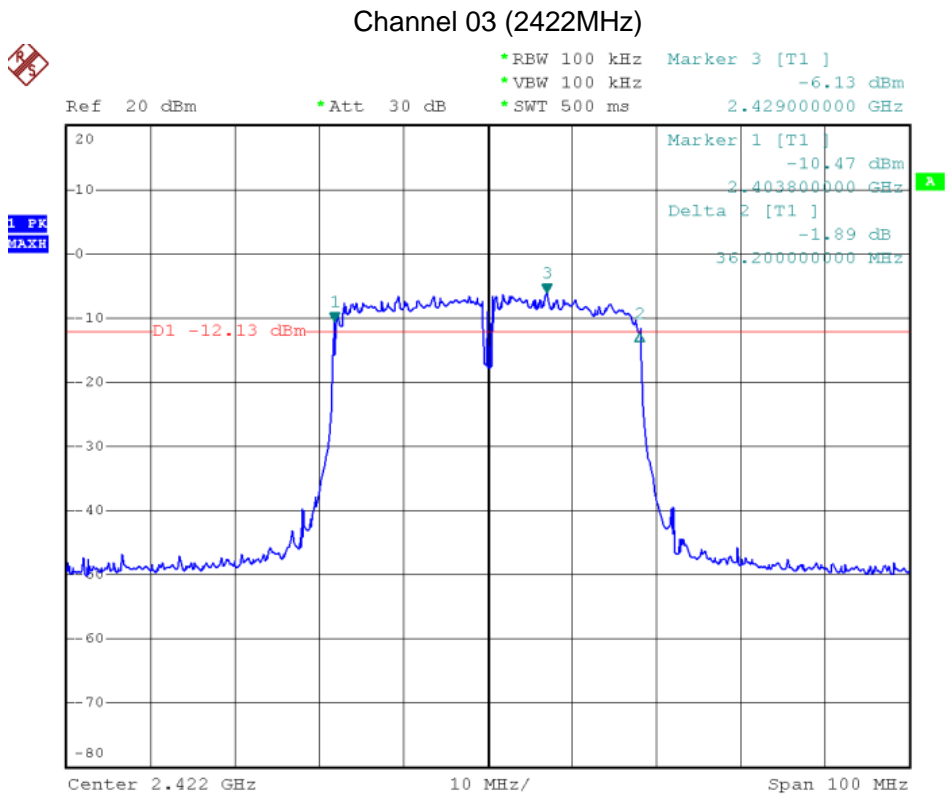
### Channel 09 (2452MHz)





Test Item	Occupied Bandwidth
Test Mode	Mode 4: Transmit by 802.11n (40MHz) (An1)
Test Date	2010-10-08

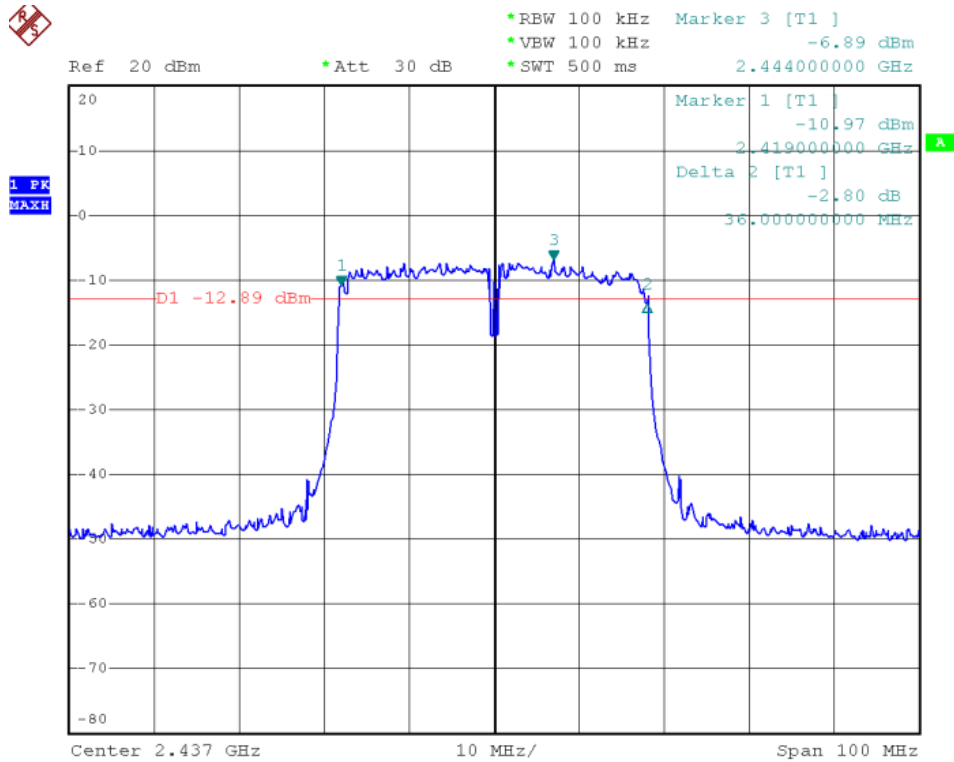
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
03	2422	36200	500	Pass
06	2437	36000	500	Pass
09	2452	36200	500	Pass



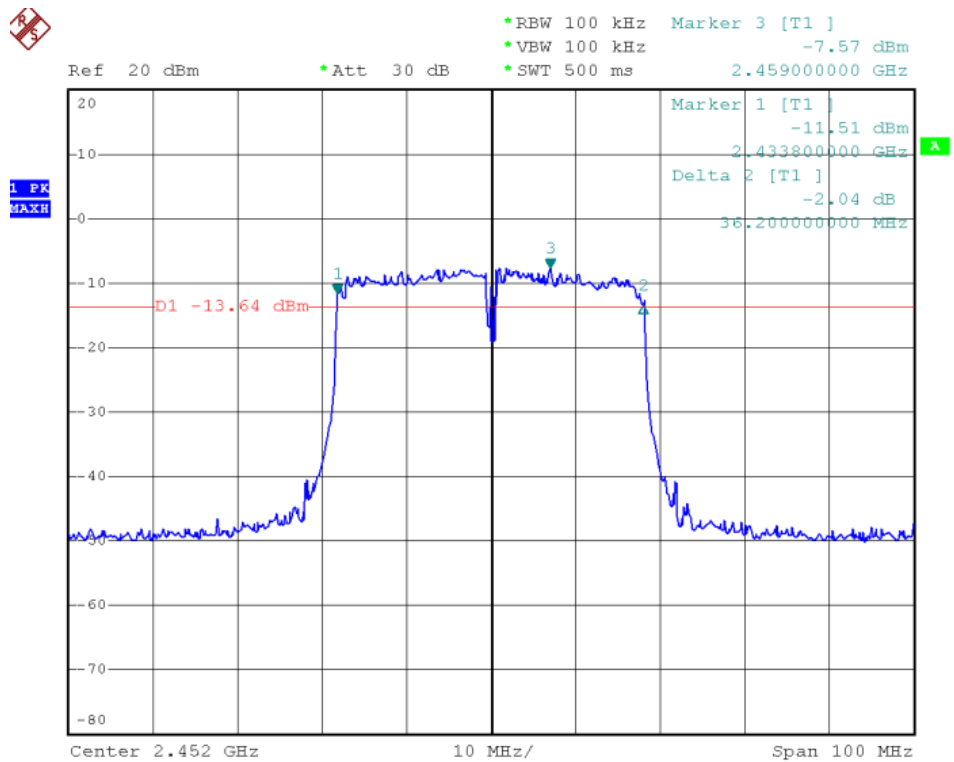




Channel 06 (2437MHz)



Channel 09 (2452MHz)





## 6. Maximum Peak Output Power

### 6.1. Test Limit

The maximum peak power shall be less 1Watt (30dBm).

The conducted output power limit is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of standard FCC part 15.247, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power of the intentional radiator is reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6 dBi.

### 6.2. Test Procedure

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

In the following, "T" is the transmission pulse duration over which the transmitter is on and transmitting at its maximum power control level. Measurements are performed with a spectrum analyzer. Three methods are provided to accommodate measurement limitations of the spectrum analyzer depending on signal parameters. Set resolution bandwidth (RBW) = 1 MHz. Set span to encompass the entire emission bandwidth (EBW) of the signal. Use automatic setting for analyzer sweep time (except in Method #2). Check the sweep time to determine which procedure to use.

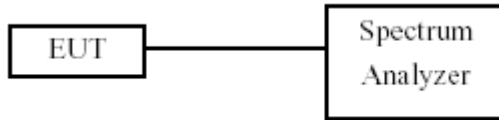
As "T"  $\geq$  sweep time, the test procedure will be used as following:

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 1 MHz.
3. Set VBW  $\geq$  3 MHz.
4. Use sample detector mode if bin width (i.e., span/number of points in spectrum display) < 0.5 RBW. Otherwise use peak detector mode.
5. Use a video trigger with the trigger level set to enable triggering only on full power pulses. Transmitter must operate at full control power for entire sweep of every sweep. If the device transmits continuously, with no off intervals or reduced power intervals, the trigger may be set to "free run".
6. Trace average 100 traces in power averaging mode.
7. Compute power by integrating the spectrum across the 26 dB EBW of the signal. The integration can be performed using the spectrum analyzer's band power measurement function with band limits set equal to the EBW band edges or by summing power



levels in each 1 MHz band in linear power terms. The 1 MHz band power levels to be summed can be obtained by averaging, in linear power terms, power levels in each frequency bin across the 1 MHz.

### 6.3. Test Setup Layout



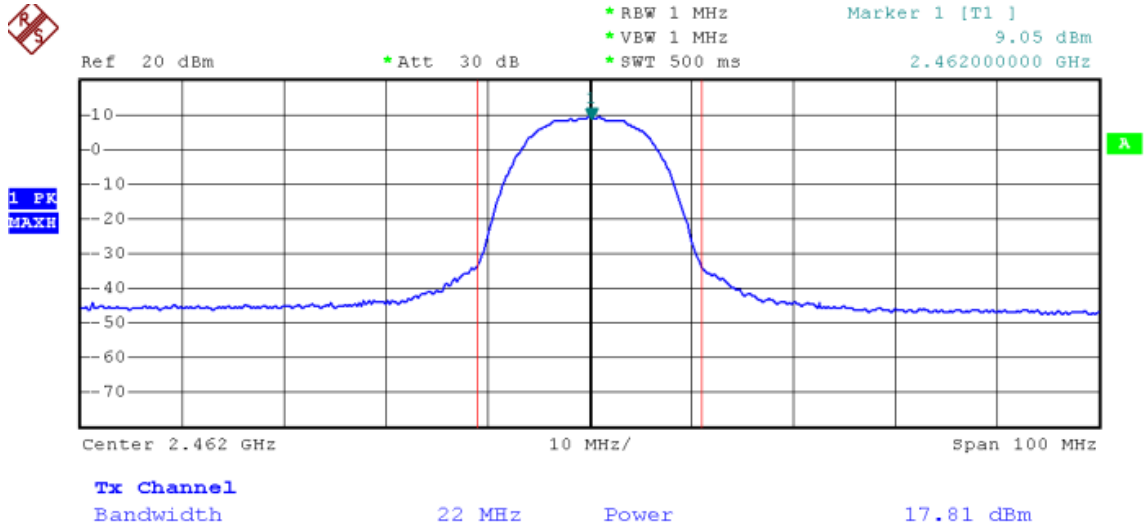
### 6.4. Measurement Equipment

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17





Channel 11 (2462MHz)

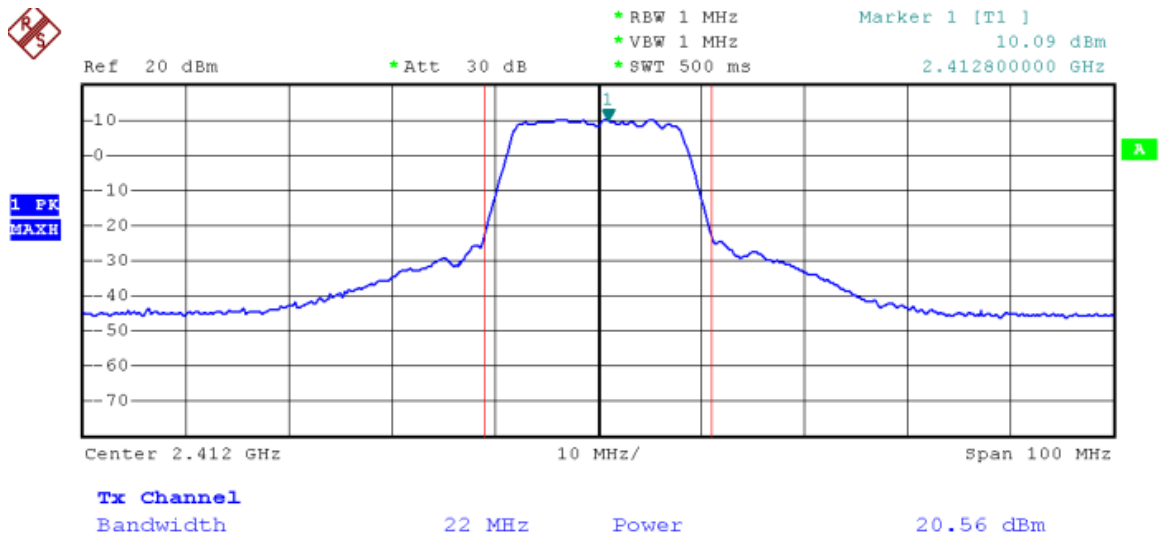




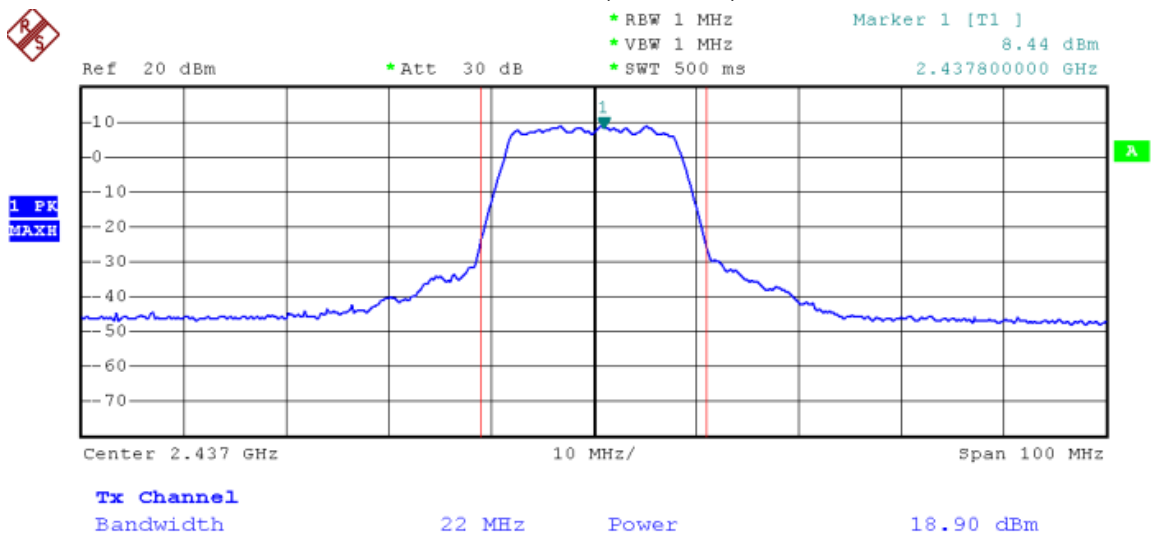
Test Item	Maximum Peak Output Power
Test Mode	Mode 2: Transmit by 802.11g (An0)
Test Date	2010-10-08

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	2412	20.56	30 dBm	Pass
06	2437	18.90	30 dBm	Pass
11	2462	19.28	30 dBm	Pass

Channel 01 (2412MHz)

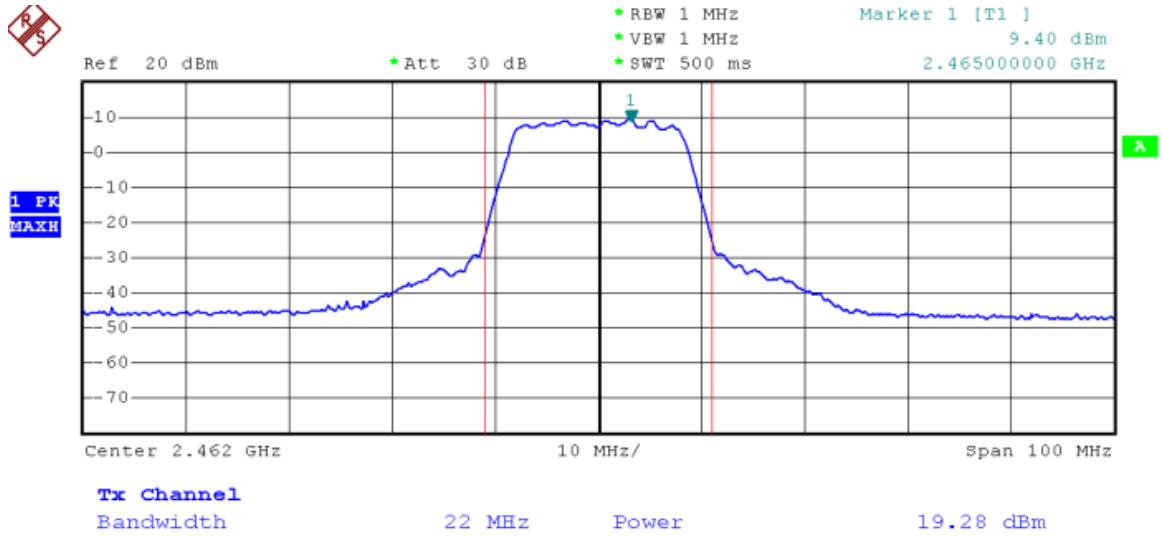


Channel 06 (2437MHz)





Channel 11 (2462MHz)





Test Item	Maximum Peak Output Power
Test Mode	Mode 3: Transmit by 802.11n (20MHz) (An0 and An1)
Test Date	2010-10-08

An0:

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	2412	17.12	30 dBm	Pass
06	2437	16.43	30 dBm	Pass
11	2462	16.96	30 dBm	Pass

An1:

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	2412	16.05	30 dBm	Pass
06	2437	16.71	30 dBm	Pass
11	2462	16.03	30 dBm	Pass

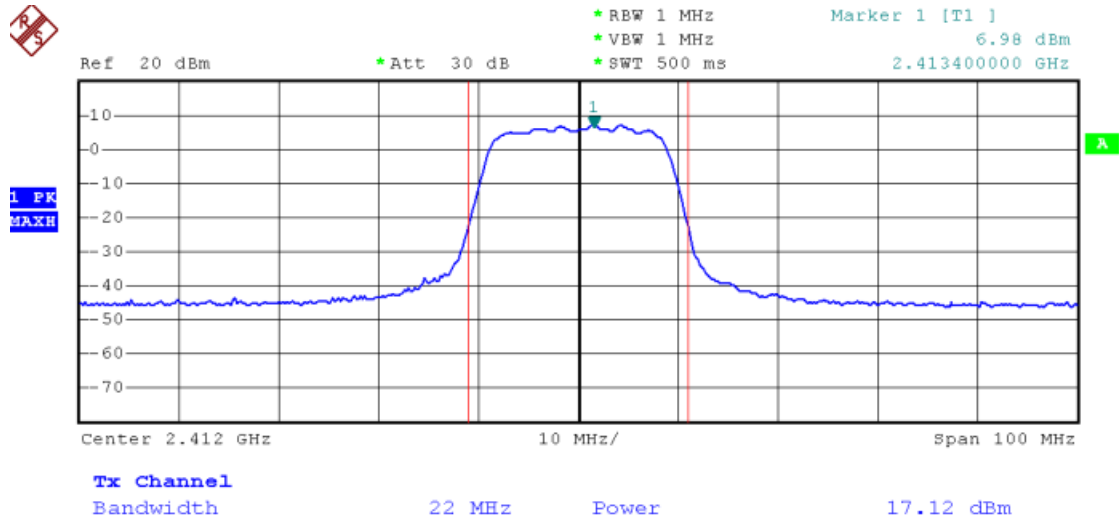
An0 and An1:

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	2412	19.63	30 dBm	Pass
06	2437	19.58	30 dBm	Pass
11	2462	19.53	30 dBm	Pass

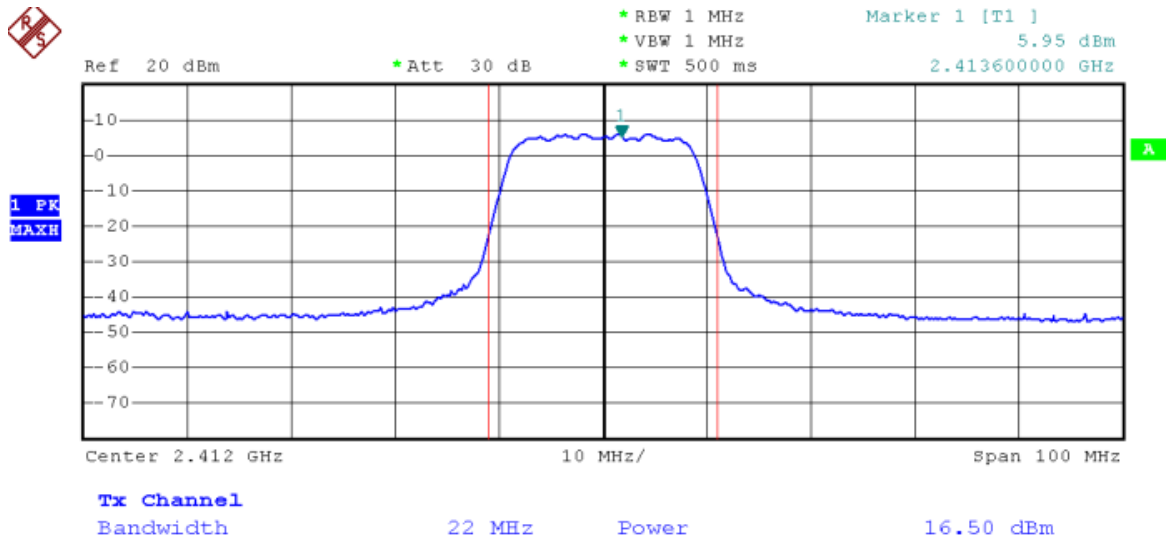




Channel 01 (2412MHz) (An0)

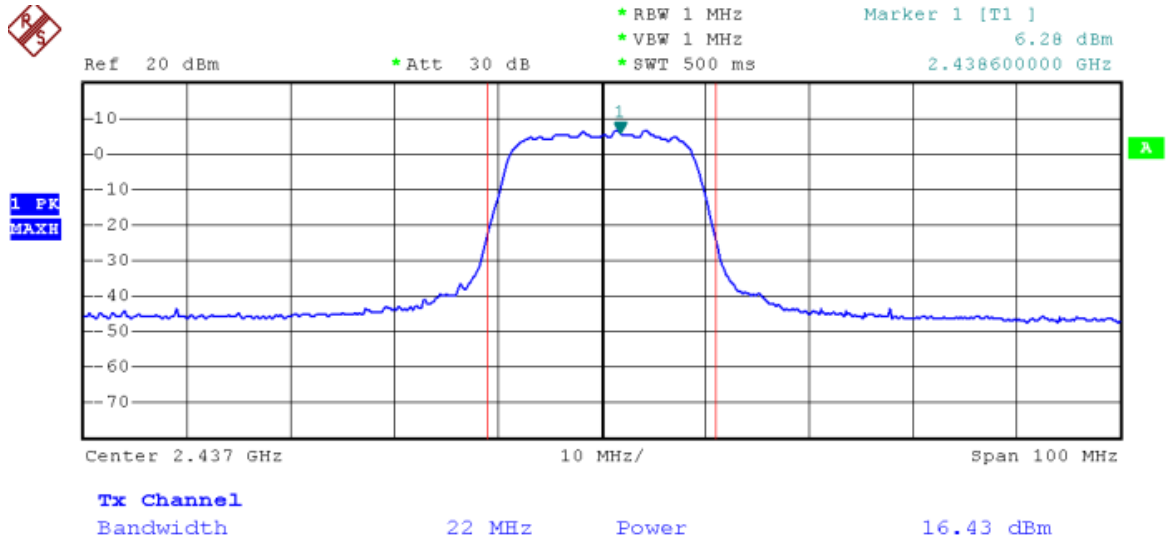


Channel 01 (2412MHz) (An1)

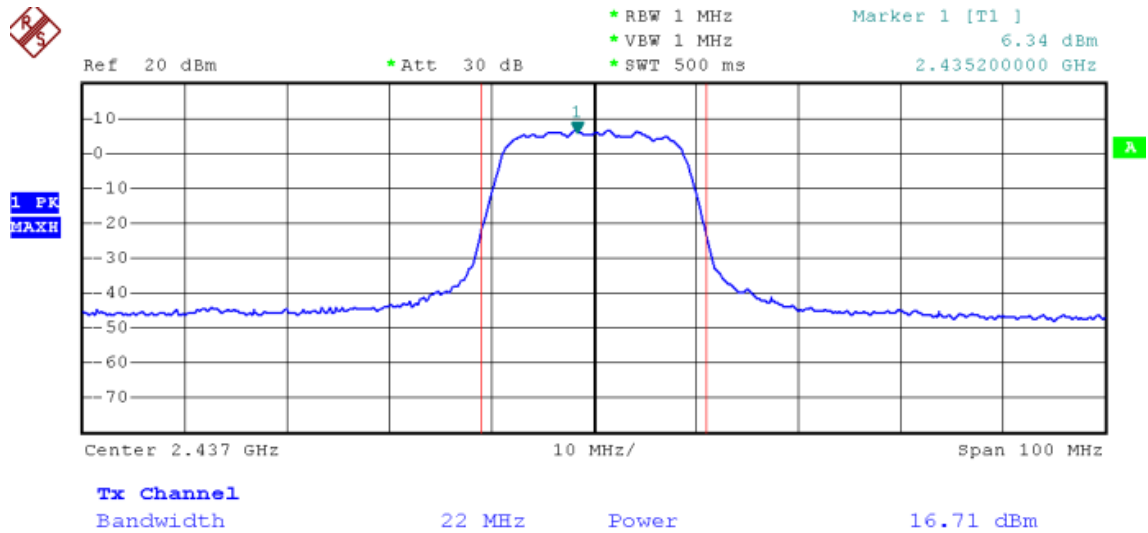




Channel 06 (2437MHz) (An0)

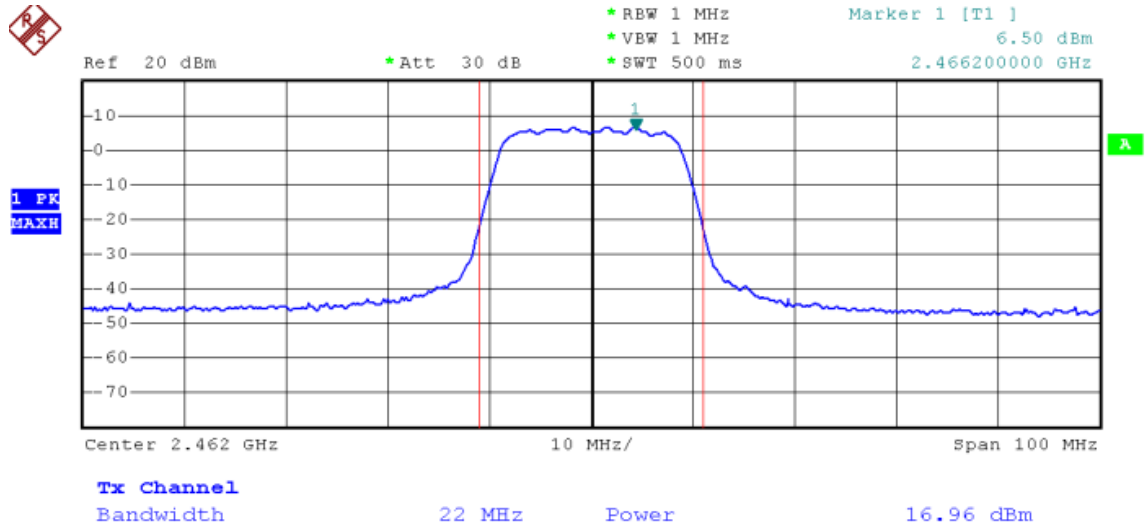


Channel 06 (2437MHz) (An1)

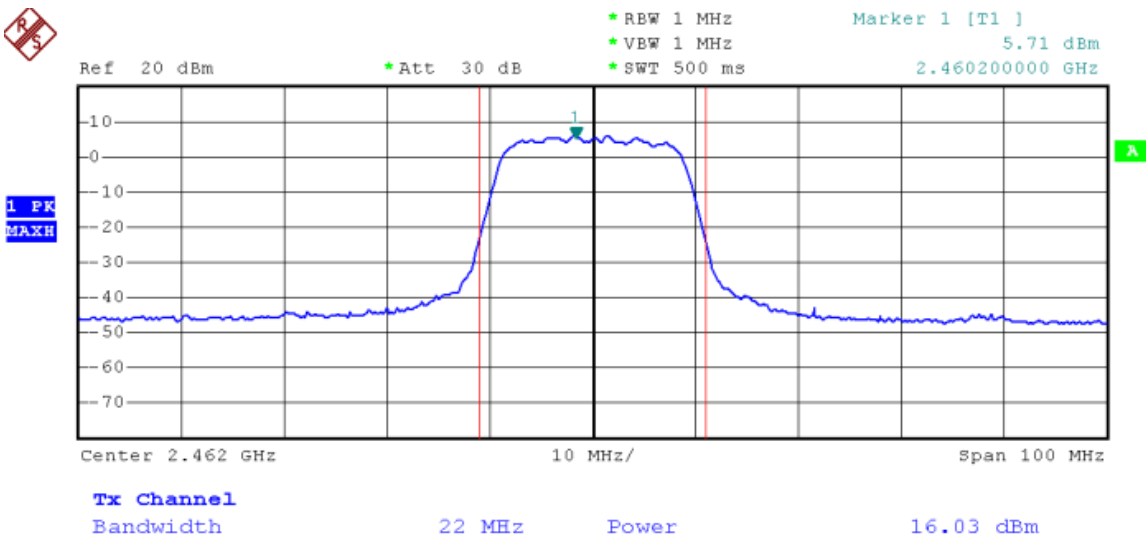




### Channel 11 (2462MHz) (An0)



### Channel 11 (2462MHz) (An1)





Test Item	Maximum Peak Output Power
Test Mode	Mode 4: Transmit by 802.11 n (40MHz) (An0 and An1)
Test Date	2010-10-08

An0:

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
03	2422	17.16	30 dBm	Pass
06	2437	17.38	30 dBm	Pass
09	2452	16.93	30 dBm	Pass

An1:

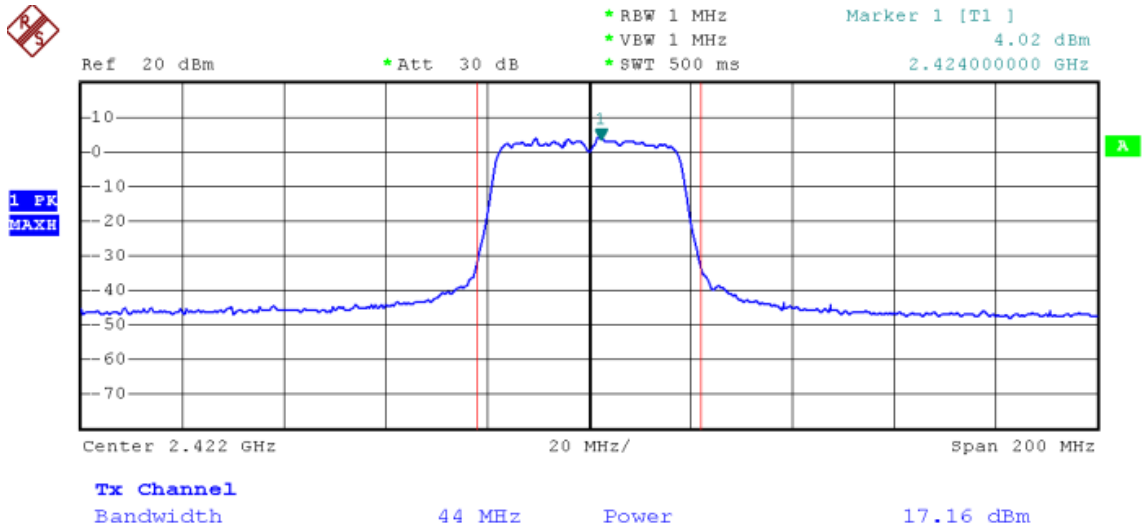
Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
03	2422	16.67	30 dBm	Pass
06	2437	16.64	30 dBm	Pass
09	2452	16.38	30 dBm	Pass

An0 and An1:

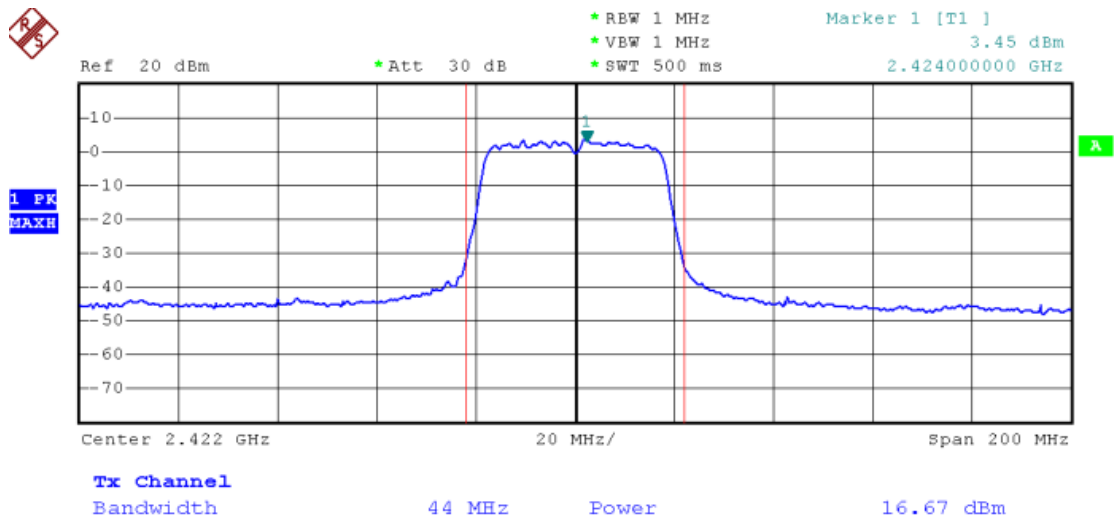
Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
03	2422	19.93	30 dBm	Pass
06	2437	20.04	30 dBm	Pass
09	2452	19.67	30 dBm	Pass



Channel 03 (2422MHz) (An0)

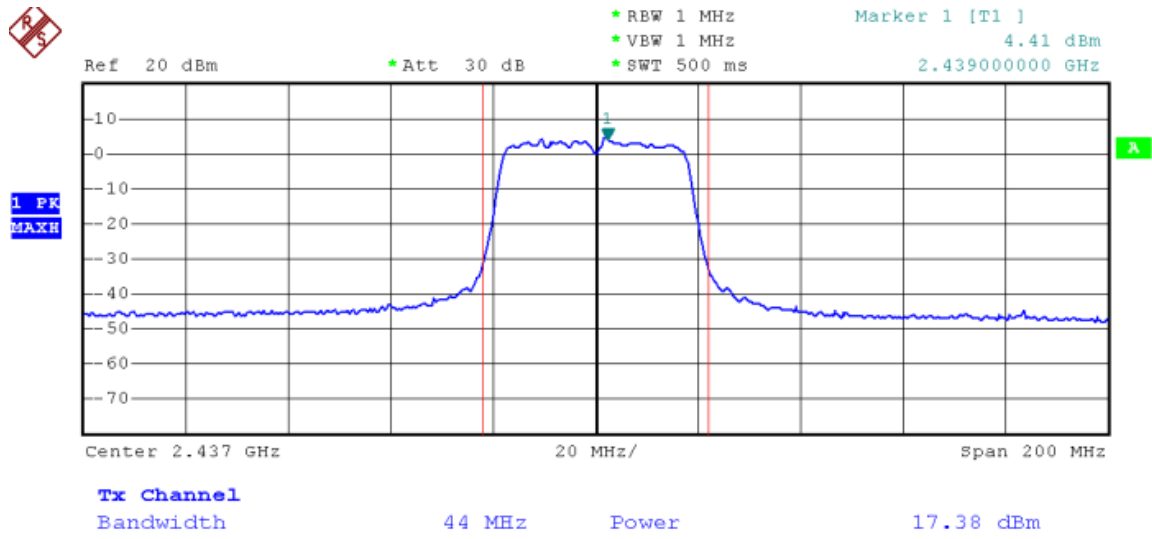


Channel 03 (2422MHz) (An1)

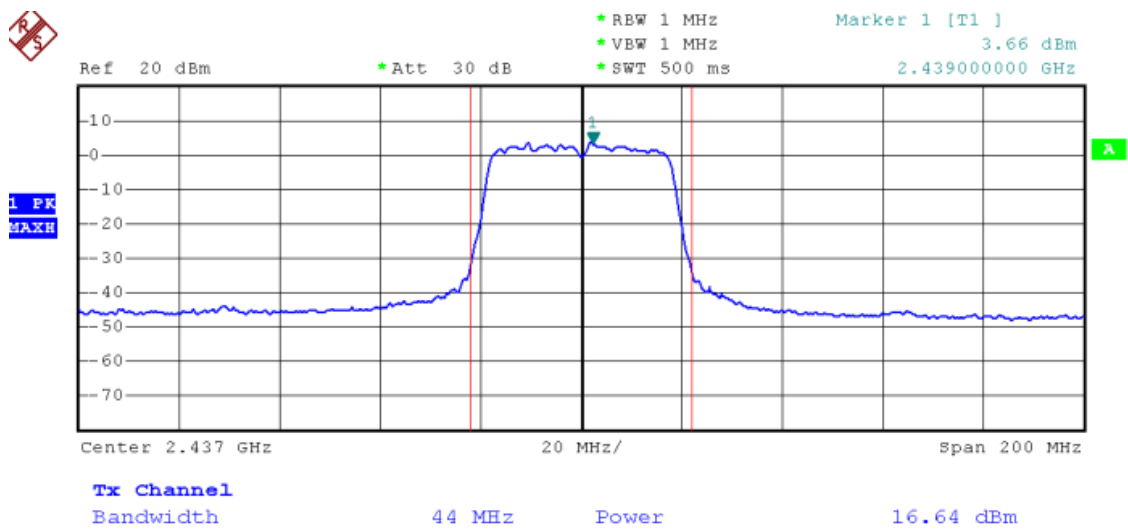




Channel 06 (2437MHz) (An0)

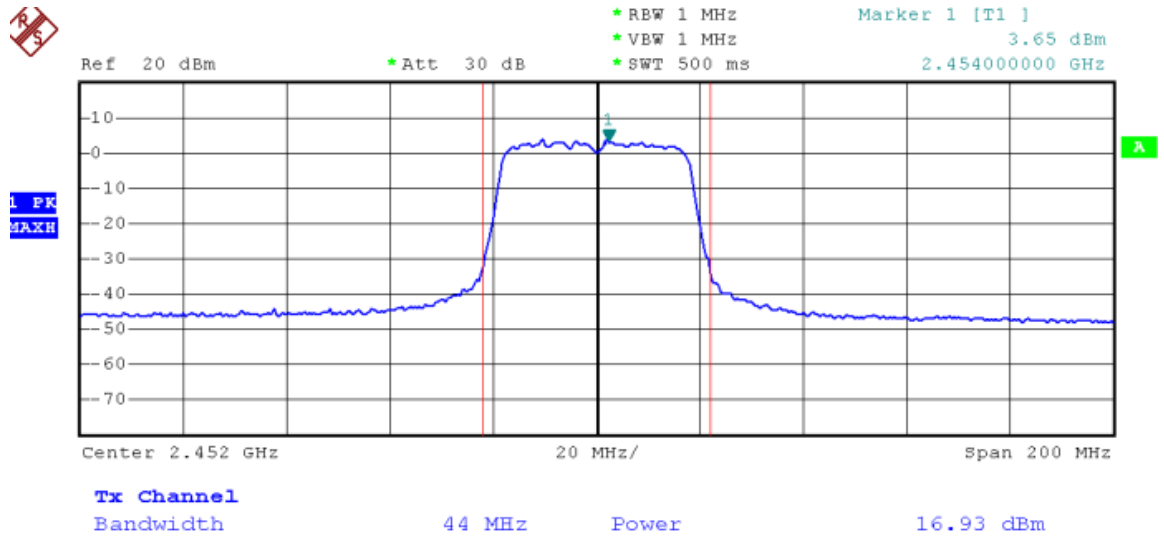


Channel 06 (2437MHz) (An1)

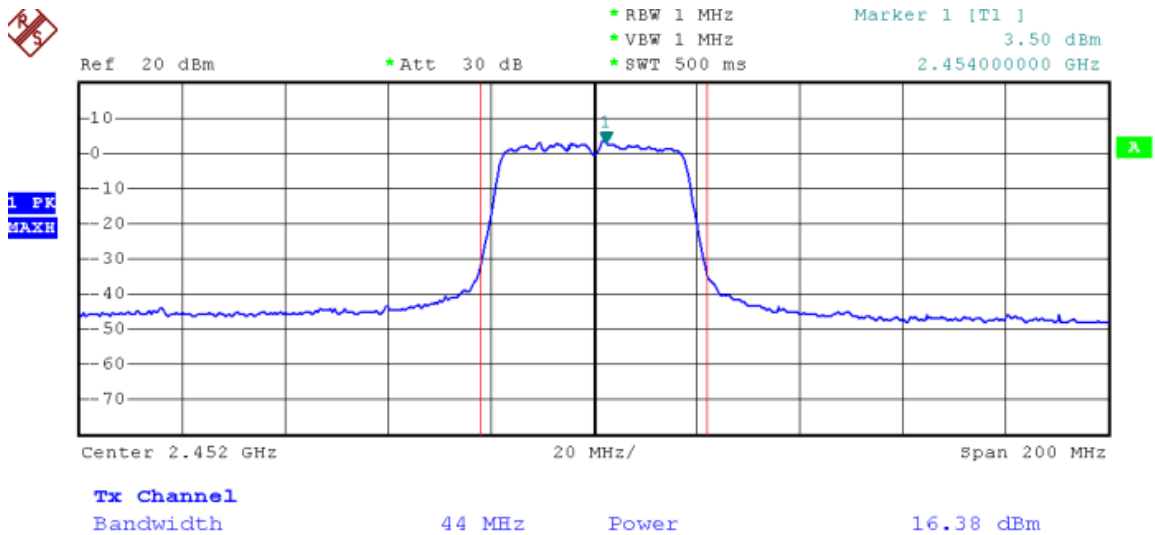




Channel 09 (2452MHz) (An0)



Channel 09 (2452MHz) (An1)





## 7. Band Edges

### 7.1. Test Limit

**For RF Conducted requirement:**

20 dB bandwidth of the emission is contained within the operation frequency band.

**For RF Radiated requirement:**

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

### 7.2. Test Procedure

**For RF Conducted Measurement:**

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 100 kHz, Span greater than RBW.

**For RF Radiated Measurement:**

The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The EUT is placed on a turn table which is 0.8 meter above ground plane. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.4. The EUT is set to transmit in a continuous mode.

For measurements below 1GHz the resolution bandwidth is set to 100kHz for peak detection measurements or 120kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1GHz the resolution bandwidth is set to 1MHz, then the video bandwidth is set to 1MHz for peak measurements and 10Hz for average measurements.

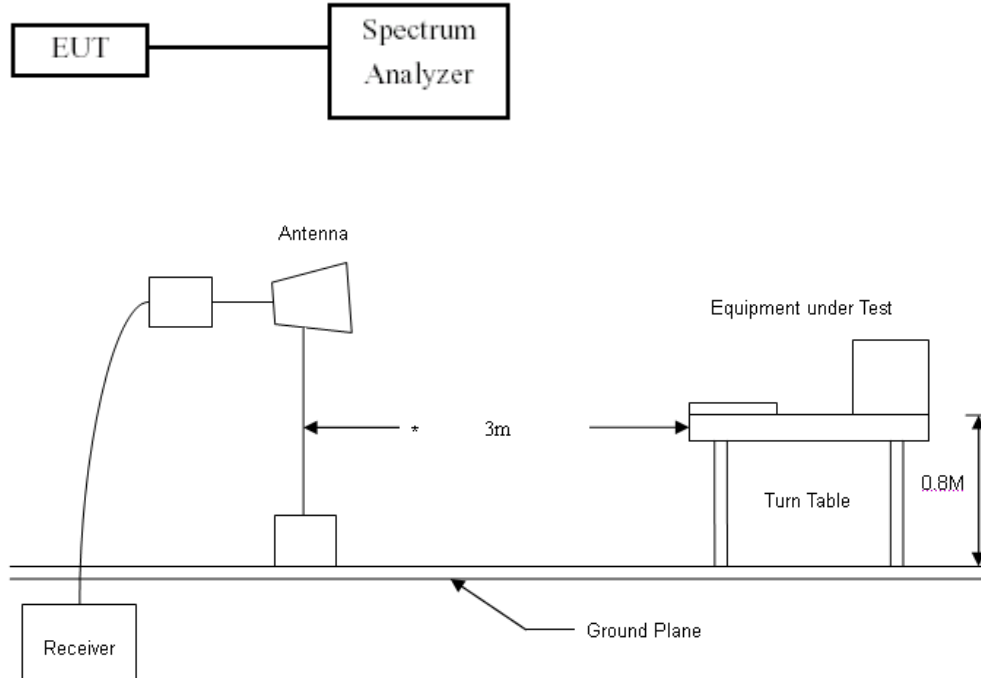
The spectrum from 30MHz to 26GHz is investigated with the transmitter set to the lowest, middle and highest channels in the 2.4GHz band.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are Made with the antenna polarized in both the vertical and the horizontal positions.





### 7.3. Test Setup Layout



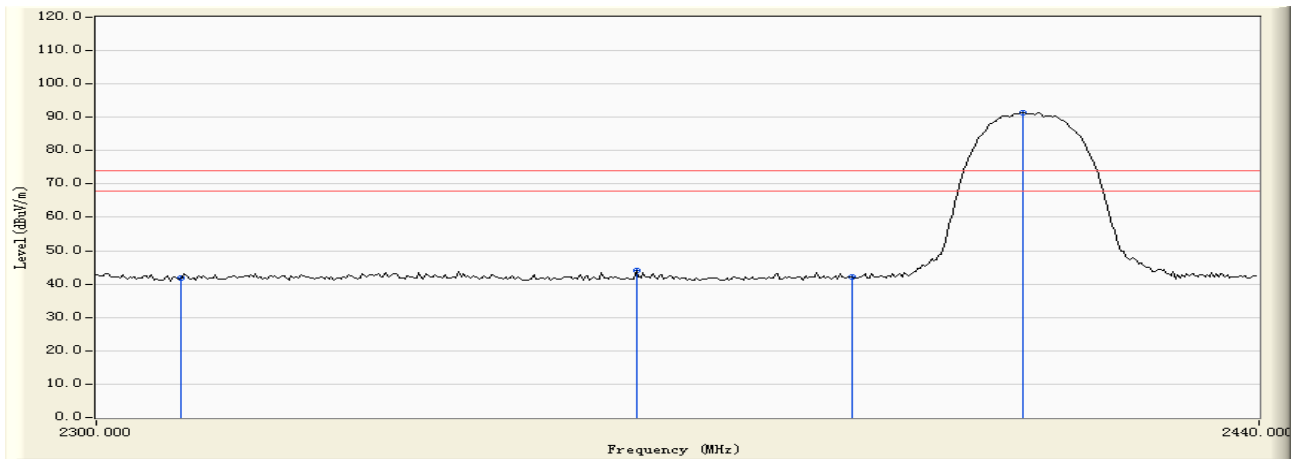
### 7.4. Measurement Equipment

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
H64 Amplifier	HP	8447F	3113A05582	2010.08.14
Preamplifier	Agilent	8449B	ED-HE-EMI-077	2010.02.10
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	9120D-619	2009.11.10
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17



### 7.5. Test Result and Data

Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:04
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)



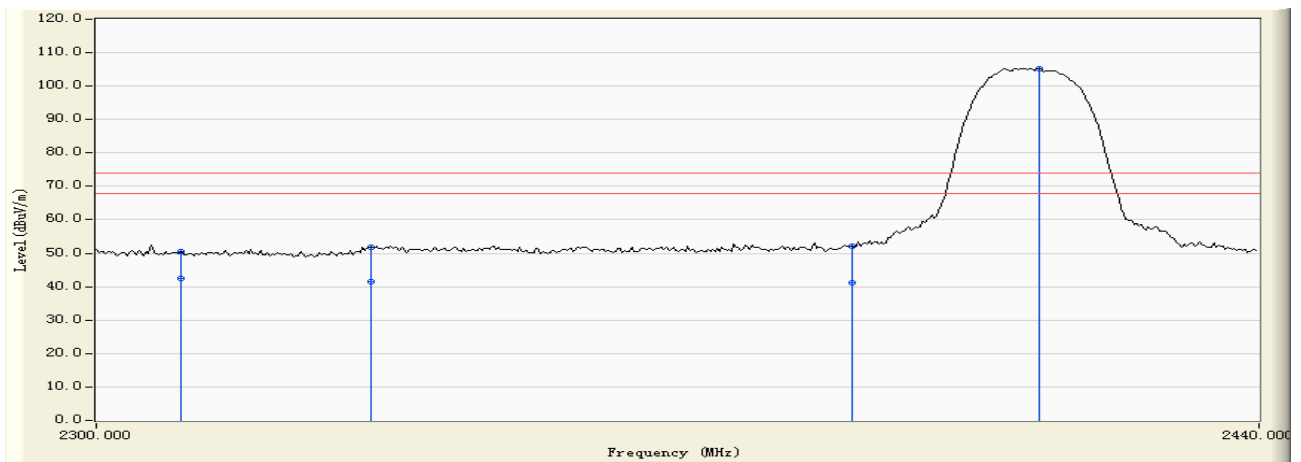
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	41.522	41.711	-32.289	74.000	PEAK
2		2363.992	0.304	43.661	43.965	-30.035	74.000	PEAK
3		2390.000	0.358	41.803	42.161	-31.839	74.000	PEAK
4	*	2410.938	0.425	90.879	91.304	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:06
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)



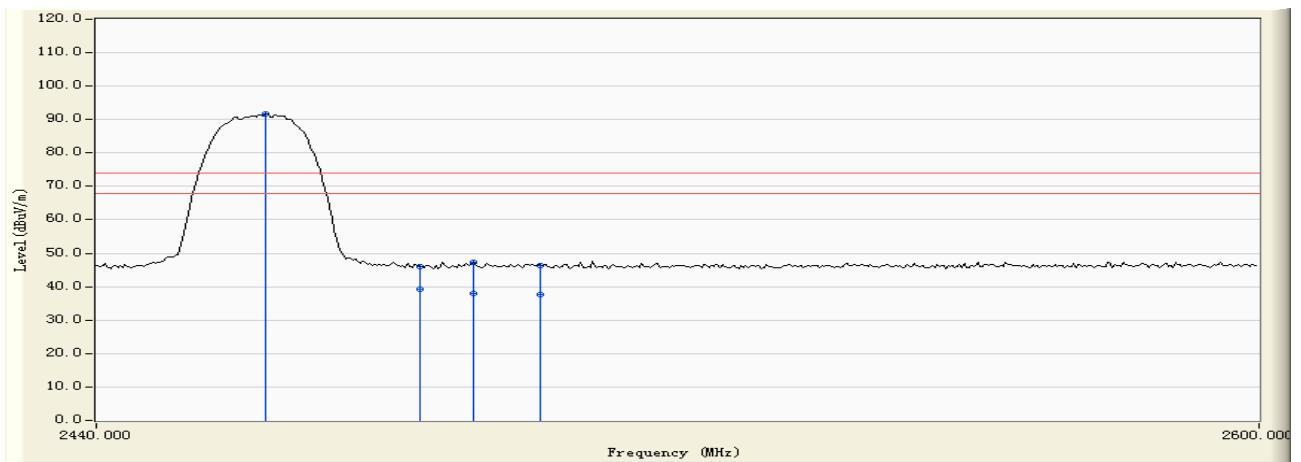
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	50.184	50.373	-23.627	74.000	PEAK
2		2310.000	0.188	42.170	42.359	-11.641	54.000	AVERAGE
3		2332.415	0.239	51.676	51.915	-22.085	74.000	PEAK
4		2332.415	0.239	41.280	41.519	-12.481	54.000	AVERAGE
5		2390.000	0.358	51.746	52.104	-21.896	74.000	PEAK
6		2390.000	0.358	40.870	41.228	-12.772	54.000	AVERAGE
7	*	2412.894	0.432	104.894	105.326	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:09
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)



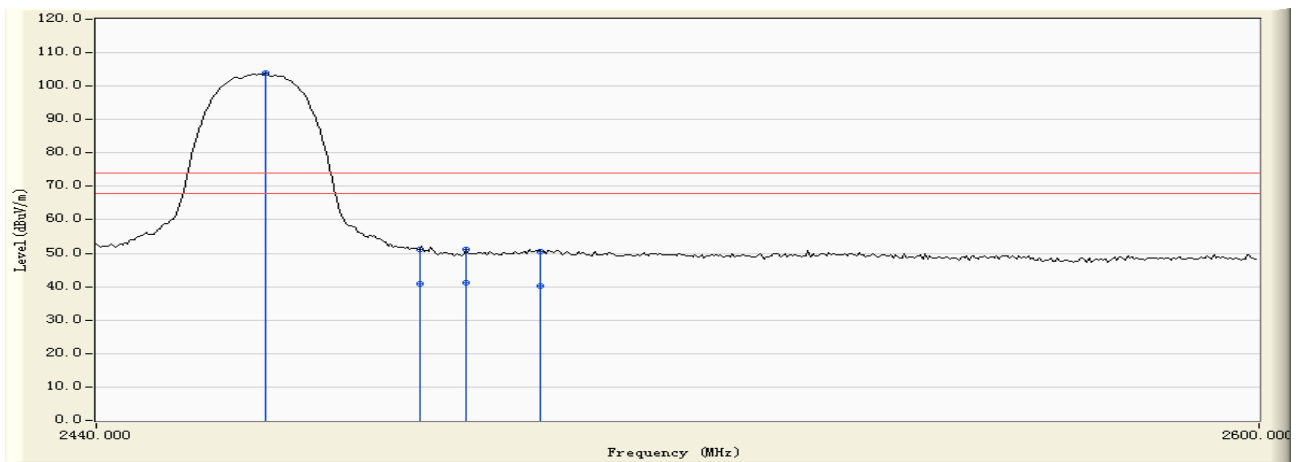
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.675	0.602	91.110	91.712	N/A	N/A	PEAK
2		2483.500	0.672	45.361	46.034	-27.966	74.000	PEAK
3		2483.500	0.672	38.540	39.213	-14.787	54.000	AVERAGE
4		2490.779	0.697	46.587	47.285	-26.715	74.000	PEAK
5		2490.779	0.697	37.420	38.118	-15.882	54.000	AVERAGE
6		2500.000	0.737	45.503	46.239	-27.761	74.000	PEAK
7		2500.000	0.737	37.020	37.756	-16.244	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:12
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)



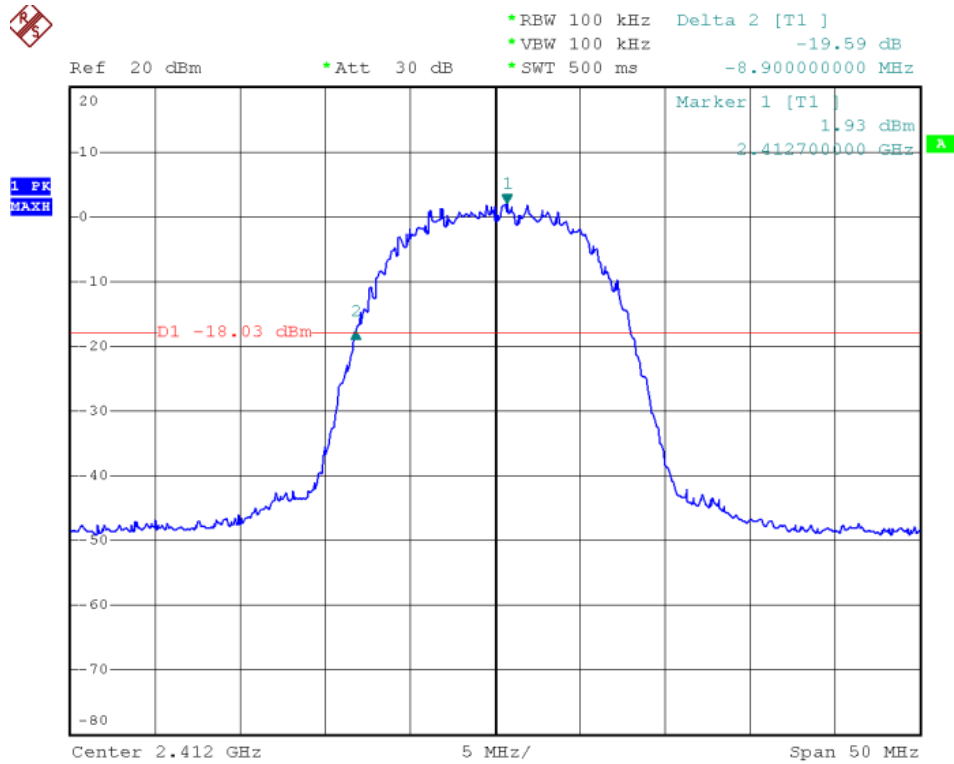
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.675	0.602	103.238	103.840	N/A	N/A	PEAK
2		2483.500	0.672	50.503	51.176	-22.824	74.000	PEAK
3		2483.500	0.672	40.250	40.923	-13.077	54.000	AVERAGE
4		2489.820	0.695	50.559	51.254	-22.746	74.000	PEAK
5		2489.820	0.695	40.370	41.065	-12.935	54.000	AVERAGE
6		2500.000	0.737	49.839	50.575	-23.425	74.000	PEAK
7		2500.000	0.737	39.540	40.276	-13.724	54.000	AVERAGE

Note:

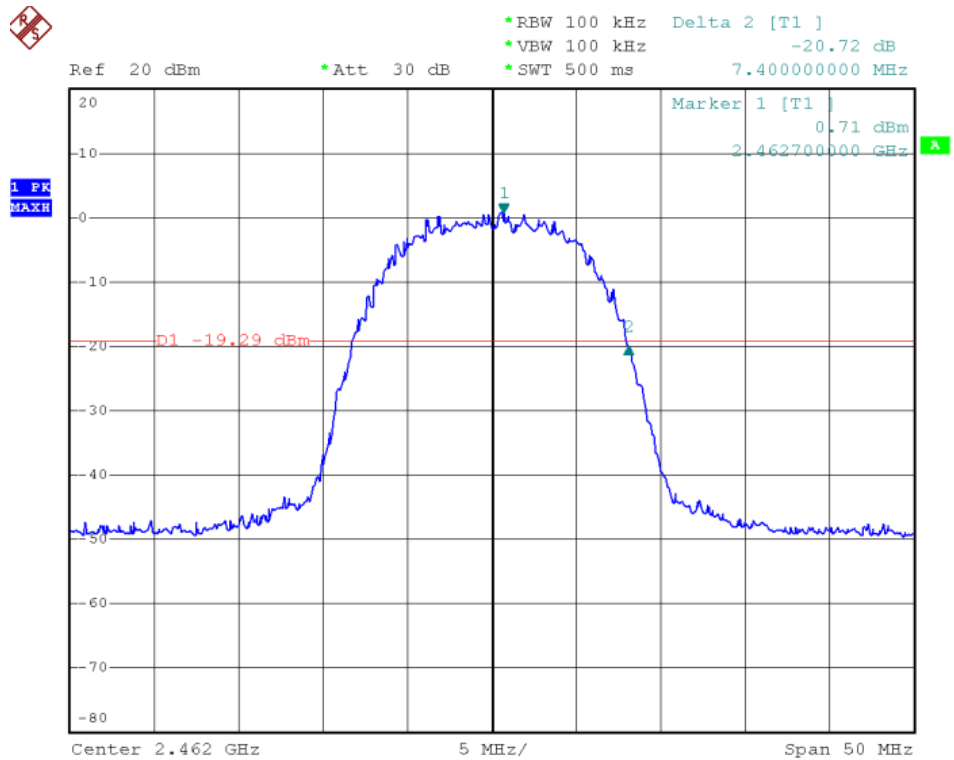
1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



### Band Edge (20dBc RF Conducted Measurement) Mode 1: Transmit by 802.11b (An0) (2412MHz)

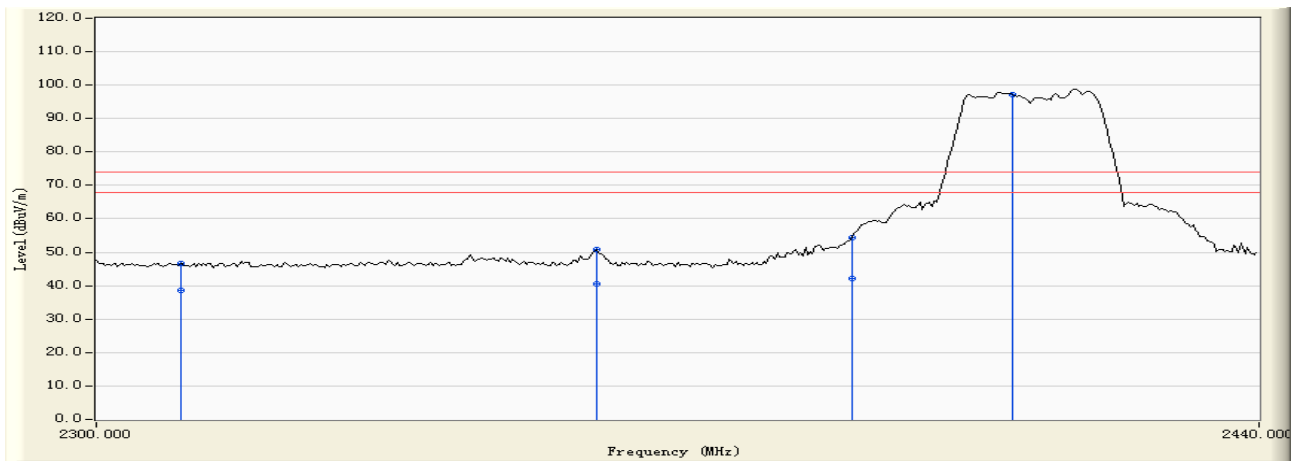


### Band Edge (20dBc RF Conducted Measurement) Mode 1: Transmit by 802.11b (An0) (2462MHz)





Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:16
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Trnasmit by 802.11g (An0)(2412MHz)



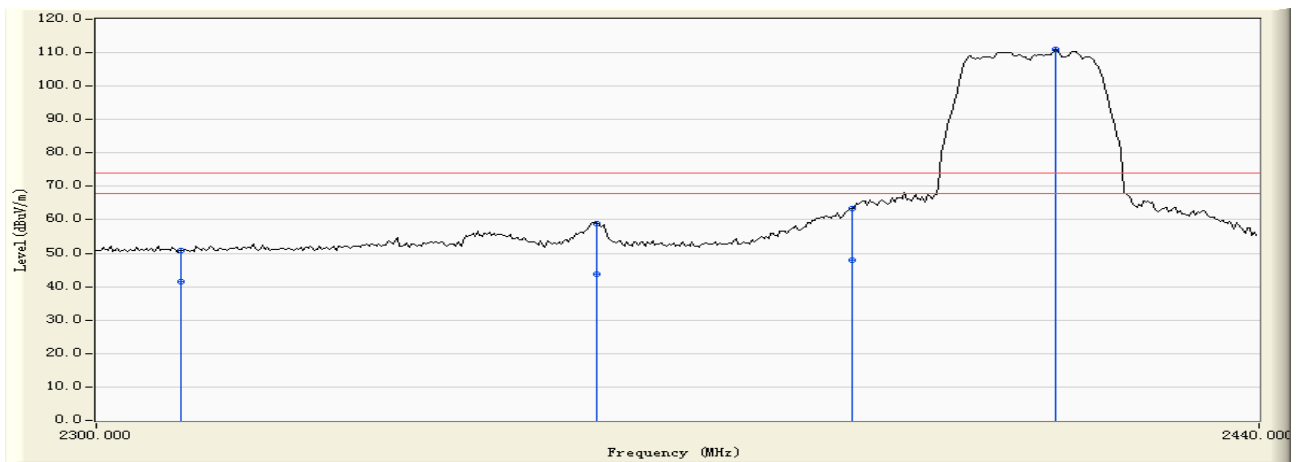
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	46.317	46.506	-27.494	74.000	PEAK
2		2310.000	0.188	38.520	38.709	-15.291	54.000	AVERAGE
3		2359.241	0.295	50.422	50.717	-23.283	74.000	PEAK
4		2359.241	0.295	40.250	40.545	-13.455	54.000	AVERAGE
5		2390.000	0.358	54.074	54.432	-19.568	74.000	PEAK
6		2390.000	0.358	41.860	42.218	-11.782	54.000	AVERAGE
7	*	2409.541	0.420	96.879	97.299	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:17
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Trnasmit by 802.11g (An0)(2412MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	50.569	50.758	-23.242	74.000	PEAK
2		2310.000	0.188	41.270	41.459	-12.541	54.000	AVERAGE
3		2359.241	0.295	58.661	58.956	-15.044	74.000	PEAK
4		2359.241	0.295	43.580	43.875	-10.125	54.000	AVERAGE
5		2390.000	0.358	62.957	63.315	-10.685	74.000	PEAK
6		2390.000	0.358	47.560	47.918	-6.082	54.000	AVERAGE
7	*	2414.850	0.438	110.436	110.874	N/A	N/A	PEAK

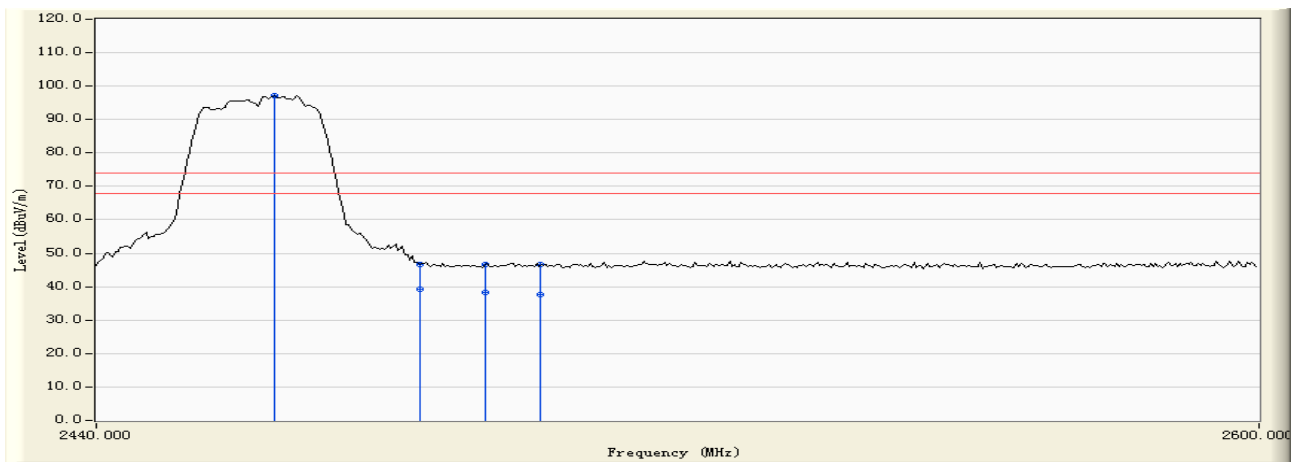
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor





Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:20
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Trnasmit by 802.11g (An0)(2462MHz)



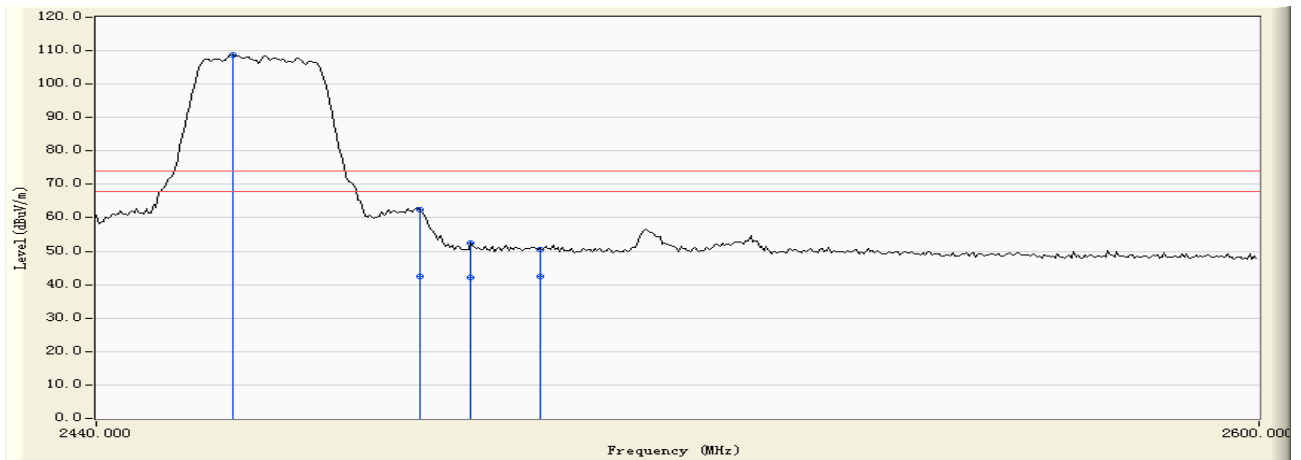
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2463.952	0.606	96.479	97.085	N/A	N/A	PEAK
2		2483.500	0.672	45.962	46.635	-27.365	74.000	PEAK
3		2483.500	0.672	38.570	39.243	-14.757	54.000	AVERAGE
4		2492.375	0.703	46.094	46.797	-27.203	74.000	PEAK
5		2492.375	0.703	37.560	38.263	-15.737	54.000	AVERAGE
6		2500.000	0.737	45.779	46.515	-27.485	74.000	PEAK
7		2500.000	0.737	36.890	37.626	-16.374	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:22
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Trnasmit by 802.11g (An0)(2462MHz)



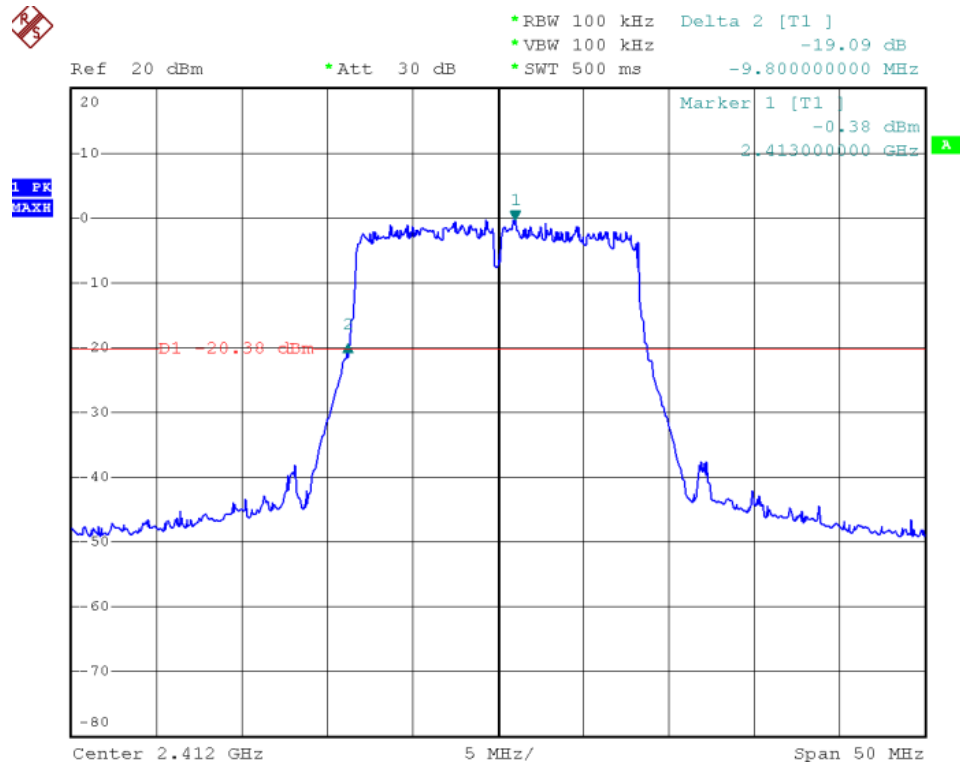
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2458.204	0.584	108.147	108.731	N/A	N/A	PEAK
2		2483.500	0.672	61.700	62.373	-11.627	74.000	PEAK
3		2483.500	0.672	41.860	42.533	-11.467	54.000	AVERAGE
4		2490.459	0.697	51.727	52.424	-21.576	74.000	PEAK
5		2490.459	0.697	41.580	42.277	-11.723	54.000	AVERAGE
6		2500.000	0.737	49.851	50.587	-23.413	74.000	PEAK
7		2500.000	0.737	41.590	42.326	-11.674	54.000	AVERAGE

Note:

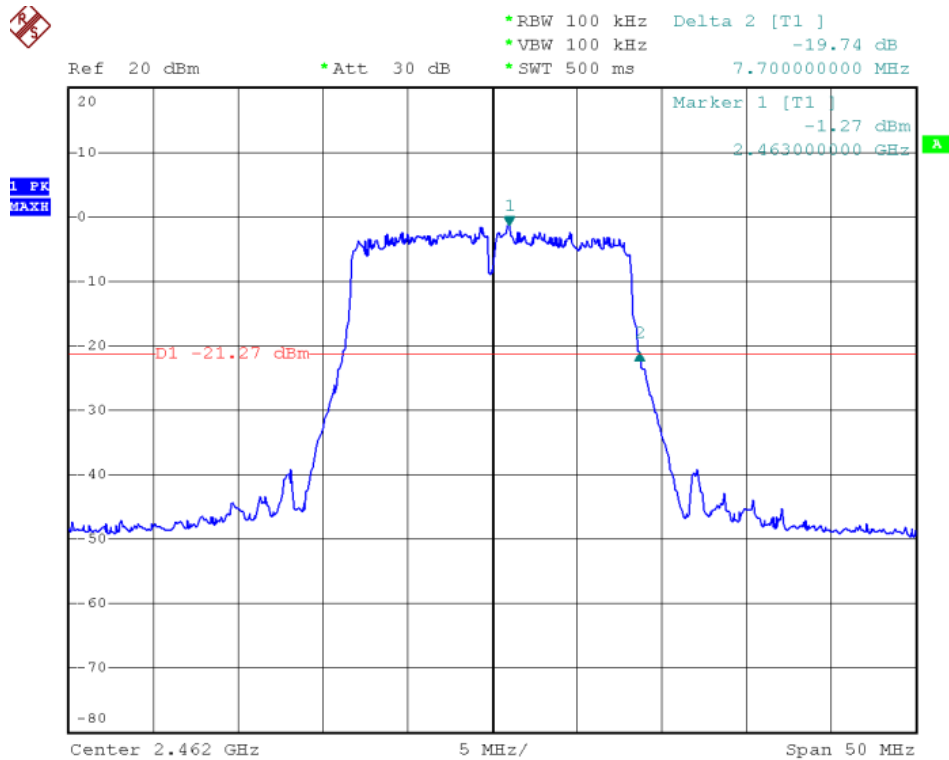
1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



### Band Edge (20dBc RF Conducted Measurement) Mode 2: Transmit by 802.11g (An0) (2412MHz)

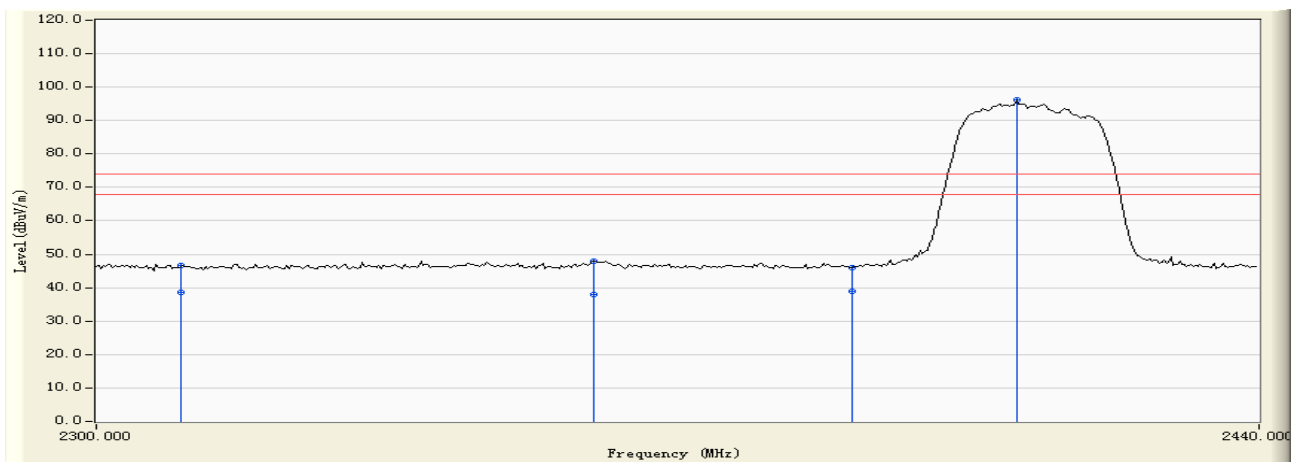


### Band Edge (20dBc RF Conducted Measurement) Mode 2: Transmit by 802.11g (An0) (2462MHz)





Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:25
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz)(An0) (2412MHz)



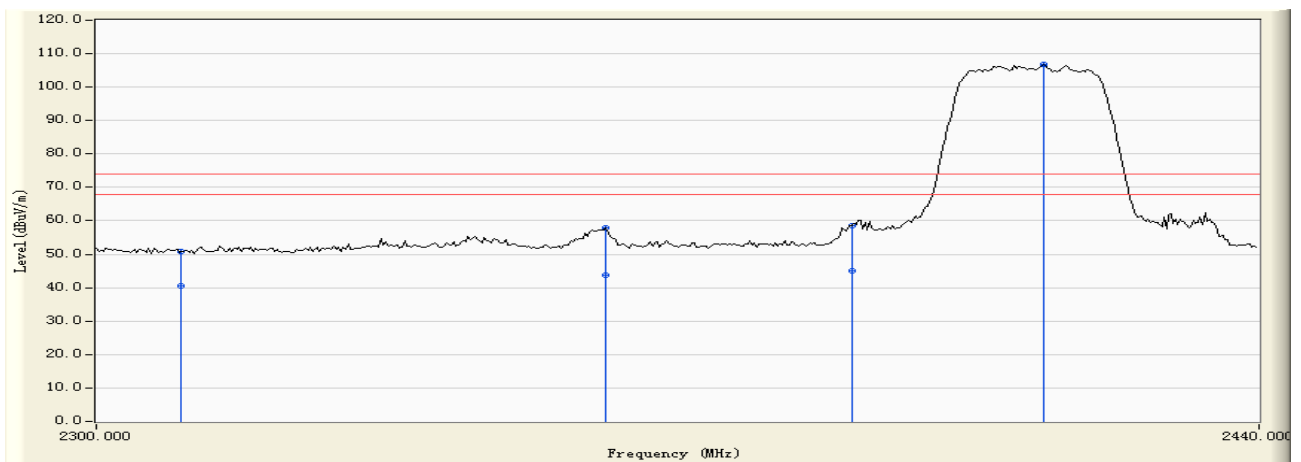
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	46.351	46.540	-27.460	74.000	PEAK
2		2310.000	0.188	38.570	38.759	-15.241	54.000	AVERAGE
3		2358.962	0.295	47.632	47.927	-26.073	74.000	PEAK
4		2358.962	0.295	37.530	37.825	-16.175	54.000	AVERAGE
5		2390.000	0.358	45.771	46.129	-27.871	74.000	PEAK
6		2390.000	0.358	38.570	38.928	-15.072	54.000	AVERAGE
7	*	2410.100	0.422	95.659	96.081	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:26
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz)(An0) (2412MHz)



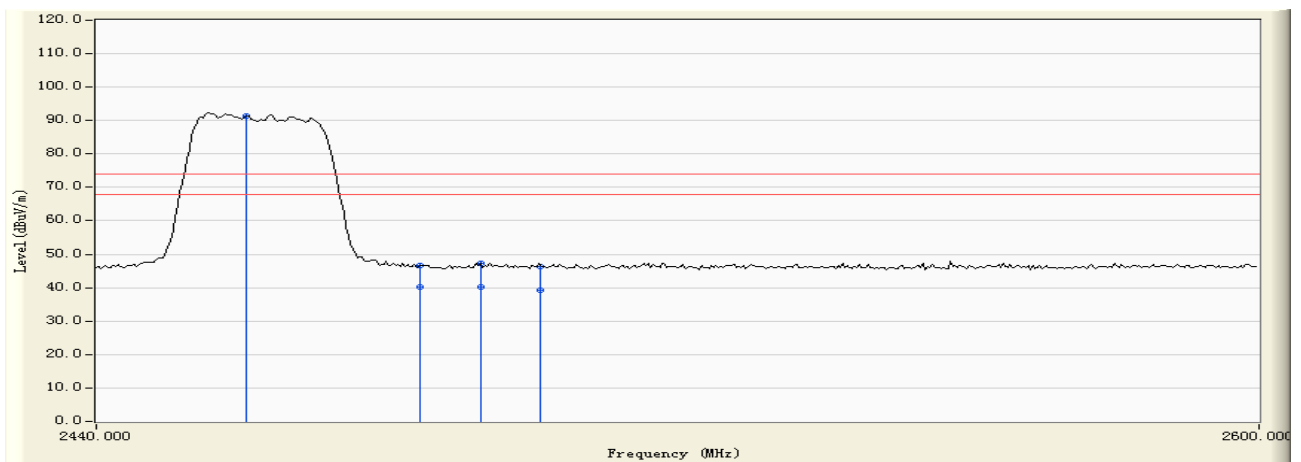
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	50.561	50.750	-23.250	74.000	PEAK
2		2310.000	0.188	40.240	40.429	-13.571	54.000	AVERAGE
3		2360.359	0.297	57.711	58.008	-15.992	74.000	PEAK
4		2360.359	0.297	43.520	43.817	-10.183	54.000	AVERAGE
5		2390.000	0.358	58.268	58.626	-15.374	74.000	PEAK
6		2390.000	0.358	44.570	44.928	-9.072	54.000	AVERAGE
7	*	2413.453	0.434	106.258	106.691	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:30
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz)(An0) (2462MHz)



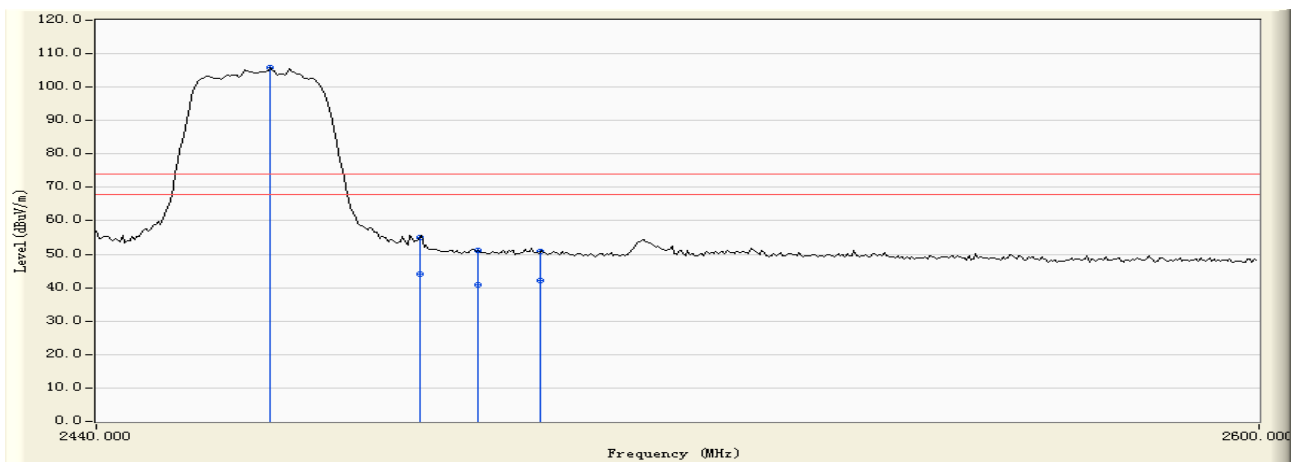
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.120	0.592	90.864	91.456	N/A	N/A	PEAK
2		2483.500	0.672	45.989	46.662	-27.338	74.000	PEAK
3		2483.500	0.672	39.540	40.213	-13.787	54.000	AVERAGE
4		2491.737	0.702	46.576	47.277	-26.723	74.000	PEAK
5		2491.737	0.702	39.520	40.221	-13.779	54.000	AVERAGE
6		2500.000	0.737	45.626	46.362	-27.638	74.000	PEAK
7		2500.000	0.737	38.590	39.326	-14.674	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:31
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz)(An0) (2462MHz)



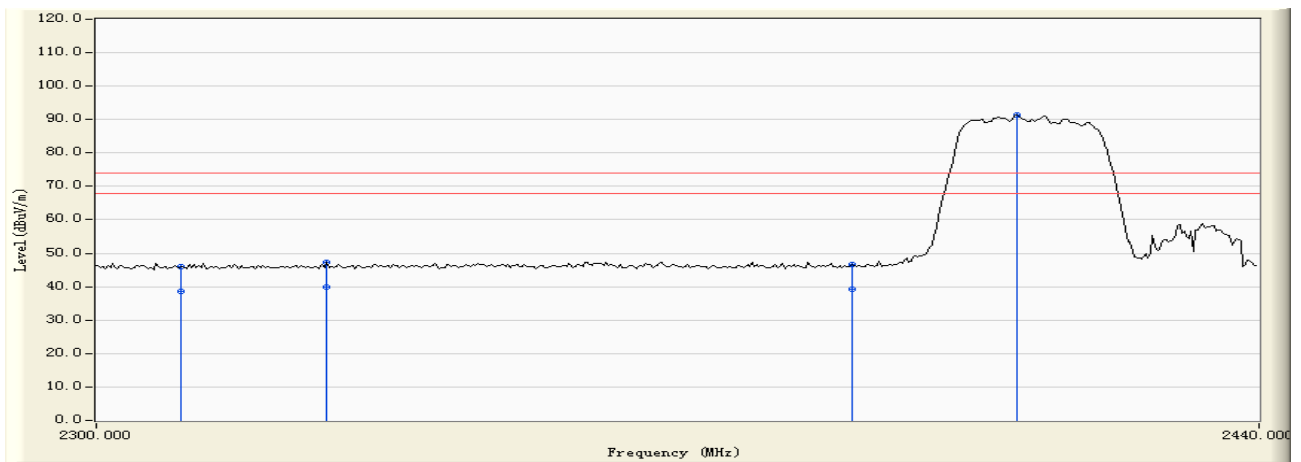
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2463.313	0.604	105.178	105.782	N/A	N/A	PEAK
2		2483.500	0.672	54.356	55.029	-18.971	74.000	PEAK
3		2483.500	0.672	43.500	44.173	-9.827	54.000	AVERAGE
4		2491.417	0.700	50.582	51.282	-22.718	74.000	PEAK
5		2491.417	0.700	40.250	40.950	-13.050	54.000	AVERAGE
6		2500.000	0.737	50.183	50.919	-23.081	74.000	PEAK
7		2500.000	0.737	41.280	42.016	-11.984	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:44
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz)(An1) (2412MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	45.741	45.930	-28.070	74.000	PEAK
2		2310.000	0.188	38.540	38.729	-15.271	54.000	AVERAGE
3		2327.106	0.227	46.934	47.161	-26.839	74.000	PEAK
4		2327.106	0.227	39.540	39.767	-14.233	54.000	AVERAGE
5		2390.000	0.358	46.157	46.515	-27.485	74.000	PEAK
6		2390.000	0.358	38.960	39.318	-14.682	54.000	AVERAGE
7	*	2410.100	0.422	90.888	91.310	N/A	N/A	PEAK

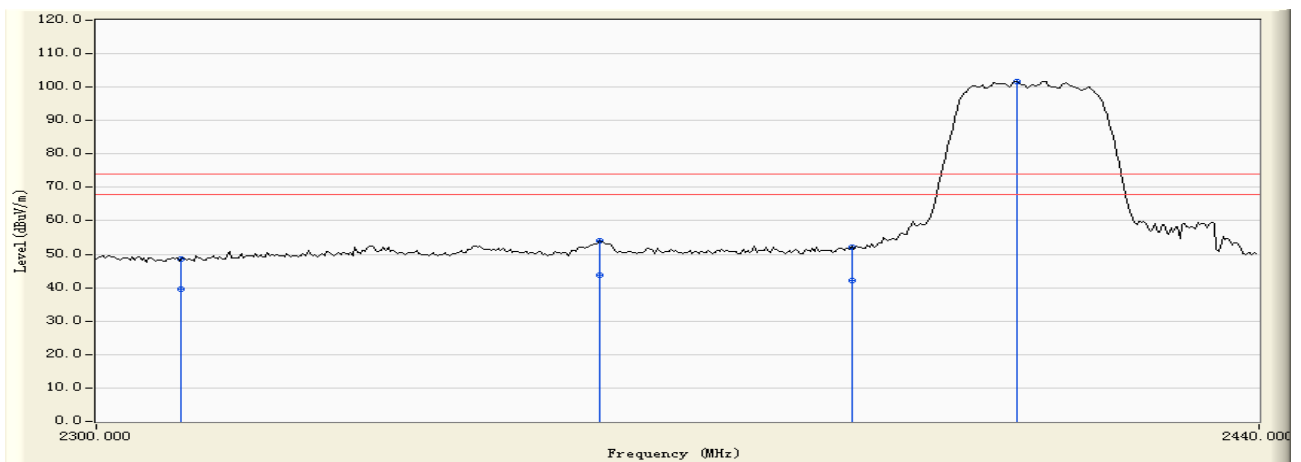
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor





Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:46
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz)(An1) (2412MHz)



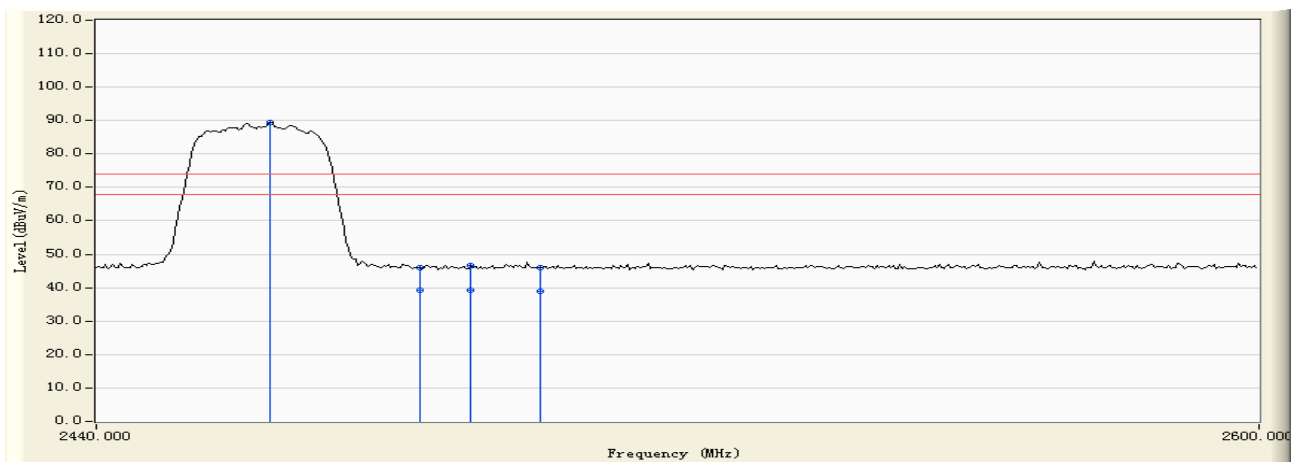
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	48.465	48.654	-25.346	74.000	PEAK
2		2310.000	0.188	39.540	39.729	-14.271	54.000	AVERAGE
3		2359.521	0.296	53.625	53.921	-20.079	74.000	PEAK
4		2359.521	0.296	43.520	43.816	-10.184	54.000	AVERAGE
5		2390.000	0.358	51.898	52.256	-21.744	74.000	PEAK
6		2390.000	0.358	41.780	42.138	-11.862	54.000	AVERAGE
7	*	2410.100	0.422	101.357	101.779	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:49
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz)(An1) (2462MHz)



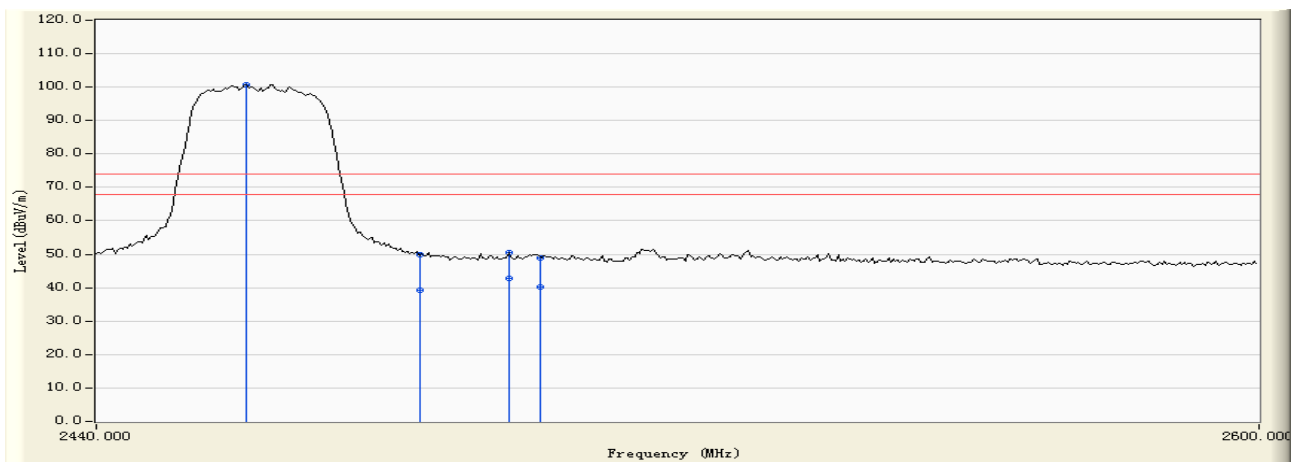
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2463.313	0.604	88.798	89.402	N/A	N/A	PEAK
2		2483.500	0.672	45.300	45.973	-28.027	74.000	PEAK
3		2483.500	0.672	38.670	39.343	-14.657	54.000	AVERAGE
4		2490.459	0.697	45.990	46.687	-27.313	74.000	PEAK
5		2490.459	0.697	38.690	39.387	-14.613	54.000	AVERAGE
6		2500.000	0.737	45.286	46.022	-27.978	74.000	PEAK
7		2500.000	0.737	38.140	38.876	-15.124	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:51
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz)(An1) (2462MHz)



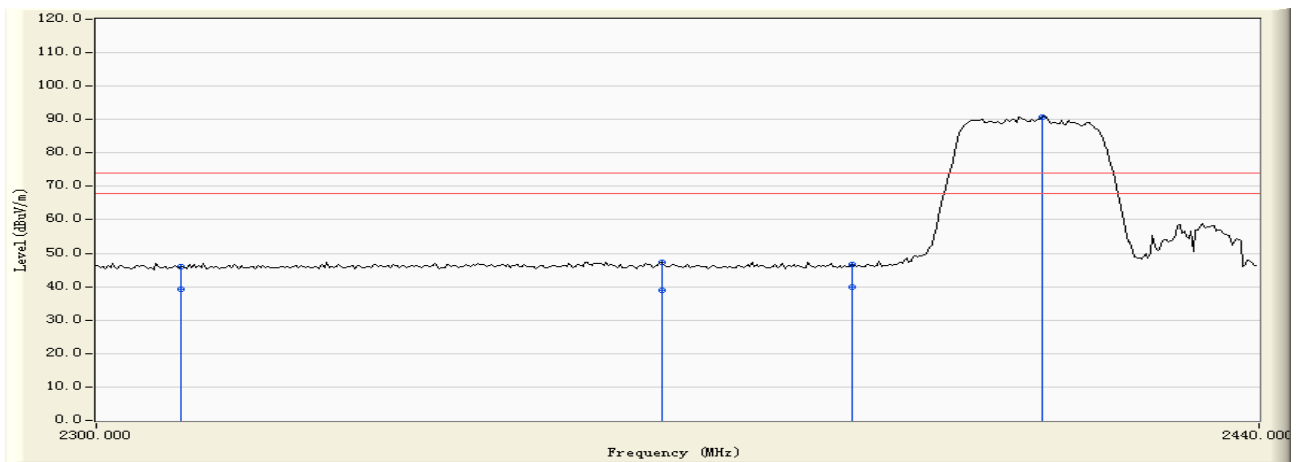
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.120	0.592	100.265	100.857	N/A	N/A	PEAK
2		2483.500	0.672	49.121	49.794	-24.206	74.000	PEAK
3		2483.500	0.672	38.510	39.183	-14.817	54.000	AVERAGE
4		2495.569	0.715	49.749	50.463	-23.537	74.000	PEAK
5		2495.569	0.715	42.170	42.884	-11.116	54.000	AVERAGE
6		2500.000	0.737	48.191	48.927	-25.073	74.000	PEAK
7		2500.000	0.737	39.620	40.356	-13.644	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/20 - 16:59
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



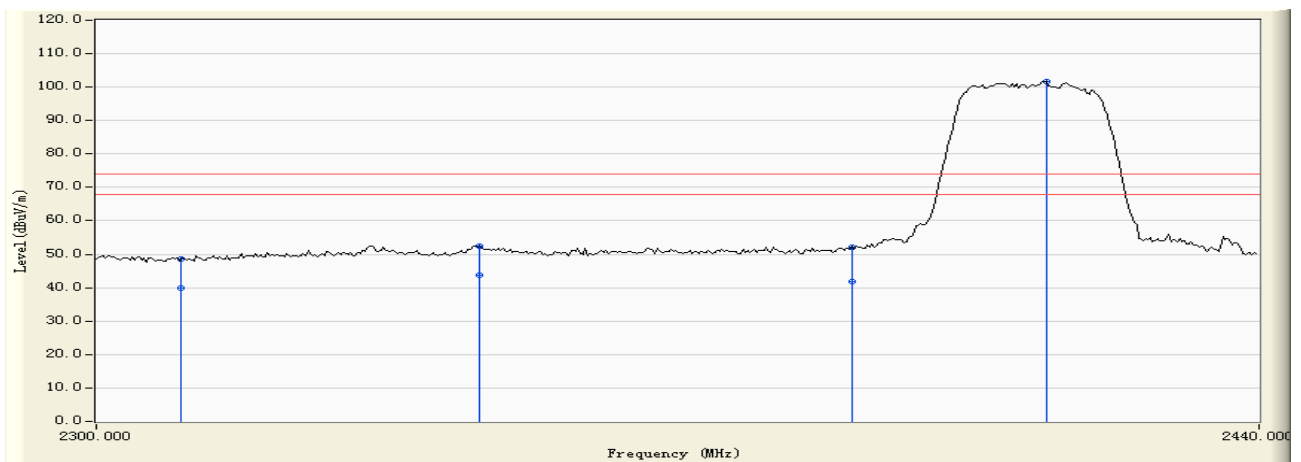
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	45.741	45.930	-28.070	74.000	PEAK
2		2310.000	0.188	38.950	39.139	-14.861	54.000	AVERAGE
3		2367.066	0.310	47.023	47.333	-26.667	74.000	PEAK
4		2367.066	0.310	38.490	38.800	-15.200	54.000	AVERAGE
5		2390.000	0.358	46.157	46.515	-27.485	74.000	PEAK
6		2390.000	0.358	39.410	39.768	-14.232	54.000	AVERAGE
7	*	2413.174	0.433	90.369	90.802	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/20 - 16:59
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



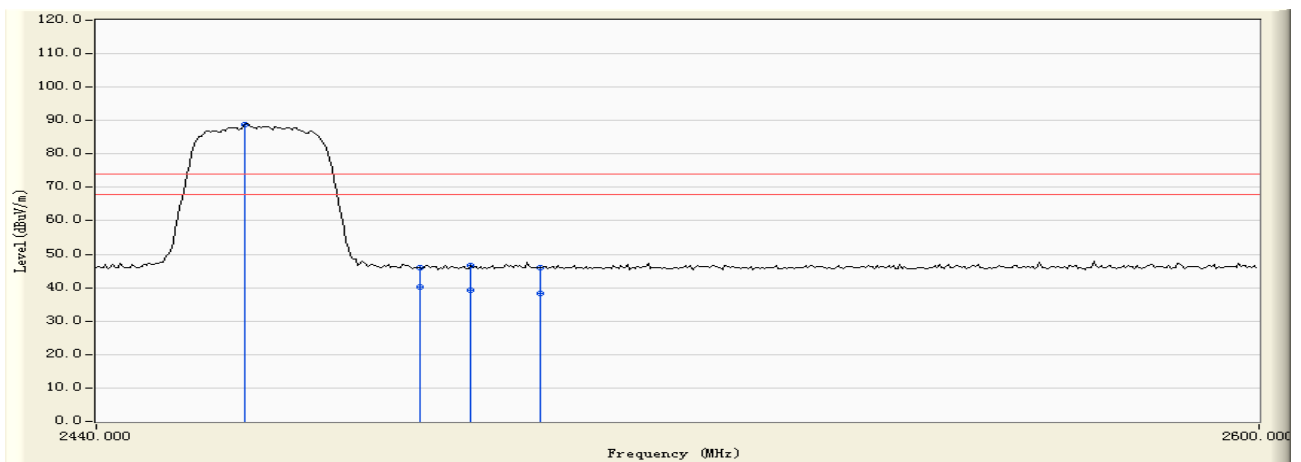
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	48.465	48.654	-25.346	74.000	PEAK
2		2310.000	0.188	39.670	39.859	-14.141	54.000	AVERAGE
3		2345.270	0.267	52.309	52.577	-21.423	74.000	PEAK
4		2345.270	0.267	43.510	43.778	-10.222	54.000	AVERAGE
5		2390.000	0.358	51.898	52.256	-21.744	74.000	PEAK
6		2390.000	0.358	41.590	41.948	-12.052	54.000	AVERAGE
7	*	2413.732	0.434	101.075	101.509	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/20 - 16:59
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



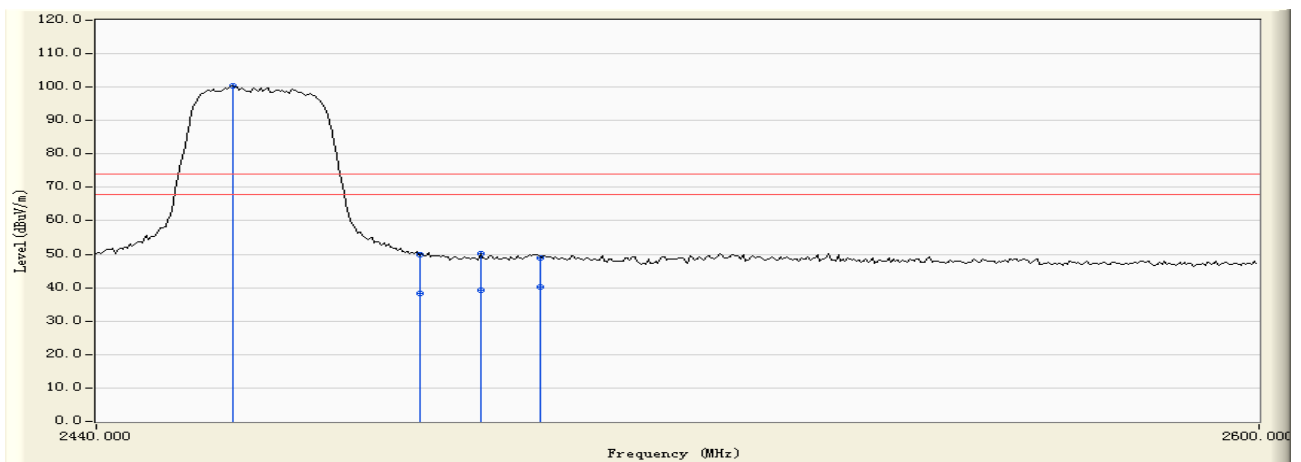
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2459.800	0.591	88.225	88.816	N/A	N/A	PEAK
2		2483.500	0.672	45.300	45.973	-28.027	74.000	PEAK
3		2483.500	0.672	39.610	40.283	-13.717	54.000	AVERAGE
4		2490.459	0.697	45.990	46.687	-27.313	74.000	PEAK
5		2490.459	0.697	38.540	39.237	-14.763	54.000	AVERAGE
6		2500.000	0.737	45.286	46.022	-27.978	74.000	PEAK
7		2500.000	0.737	37.680	38.416	-15.584	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/20 - 17:00
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Trnasmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



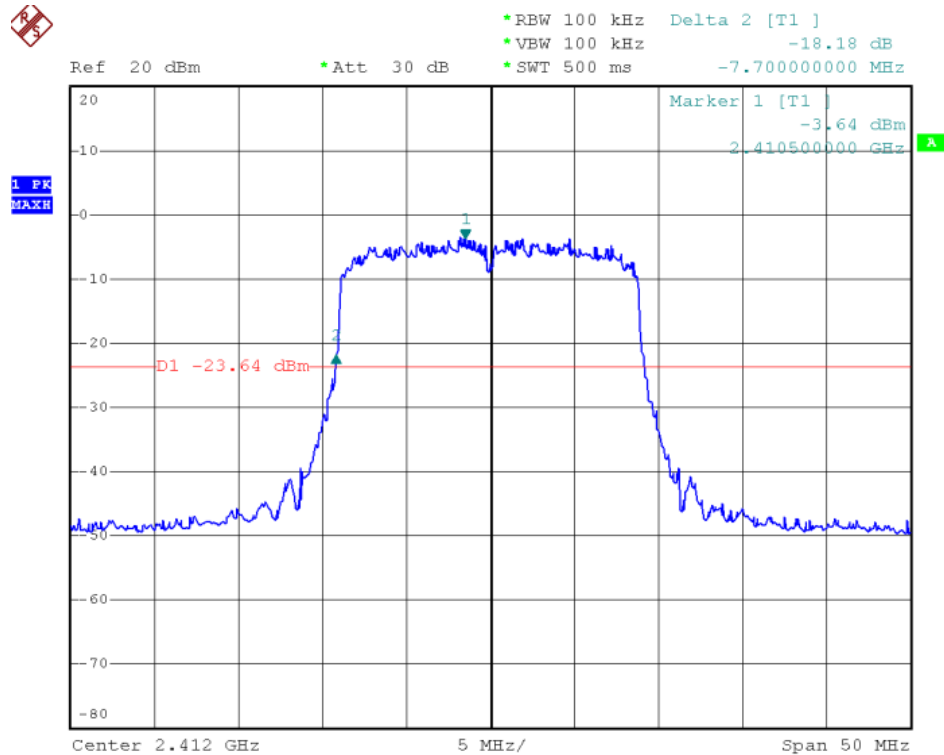
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2458.204	0.584	99.691	100.275	N/A	N/A	PEAK
2		2483.500	0.672	49.121	49.794	-24.206	74.000	PEAK
3		2483.500	0.672	37.510	38.183	-15.817	54.000	AVERAGE
4		2491.737	0.702	49.432	50.133	-23.867	74.000	PEAK
5		2491.737	0.702	38.640	39.341	-14.659	54.000	AVERAGE
6		2500.000	0.737	48.191	48.927	-25.073	74.000	PEAK
7		2500.000	0.737	39.510	40.246	-13.754	54.000	AVERAGE

Note:

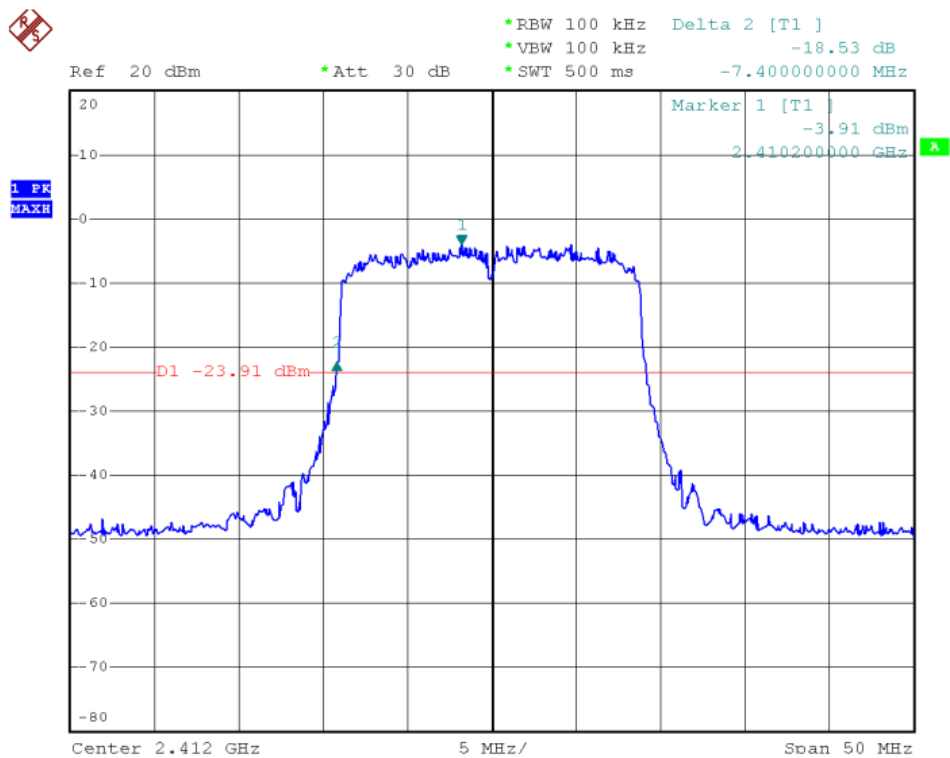
1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Band Edge (20dBc RF Conducted Measurement)  
Mode 3: Transmit by 802.11n (20MHz) (An0) (2412MHz)



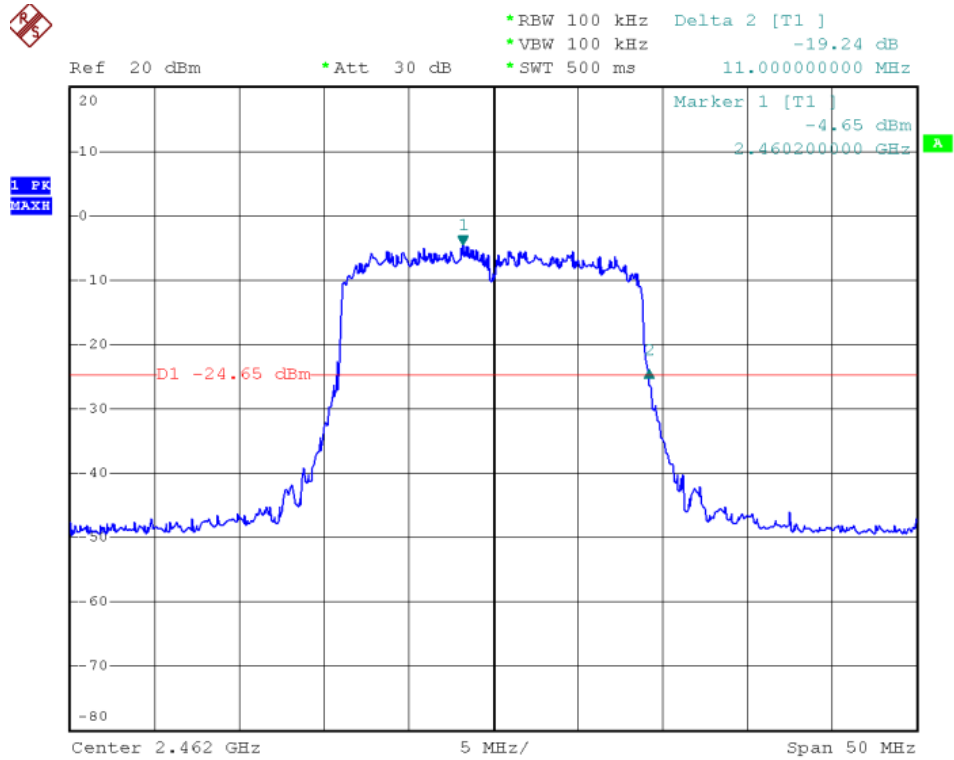
Band Edge (20dBc RF Conducted Measurement)  
Mode 3: Transmit by 802.11n (20MHz) (An1) (2412MHz)



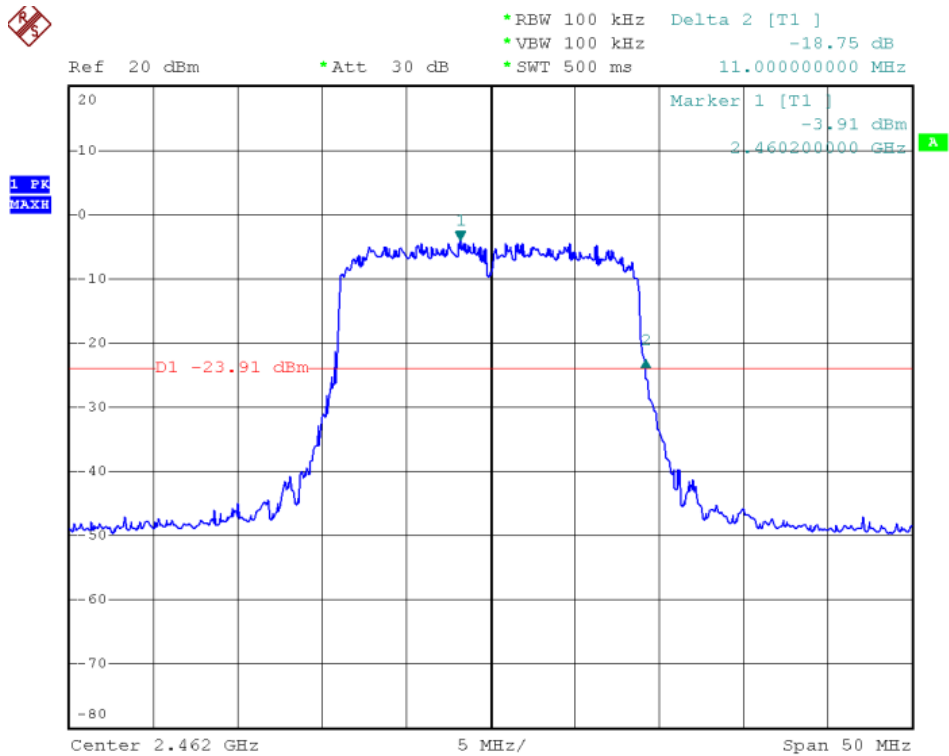




Band Edge (20dBc RF Conducted Measurement)  
Mode 3: Transmit by 802.11n ( 20MHz ) (An0) (2462MHz)

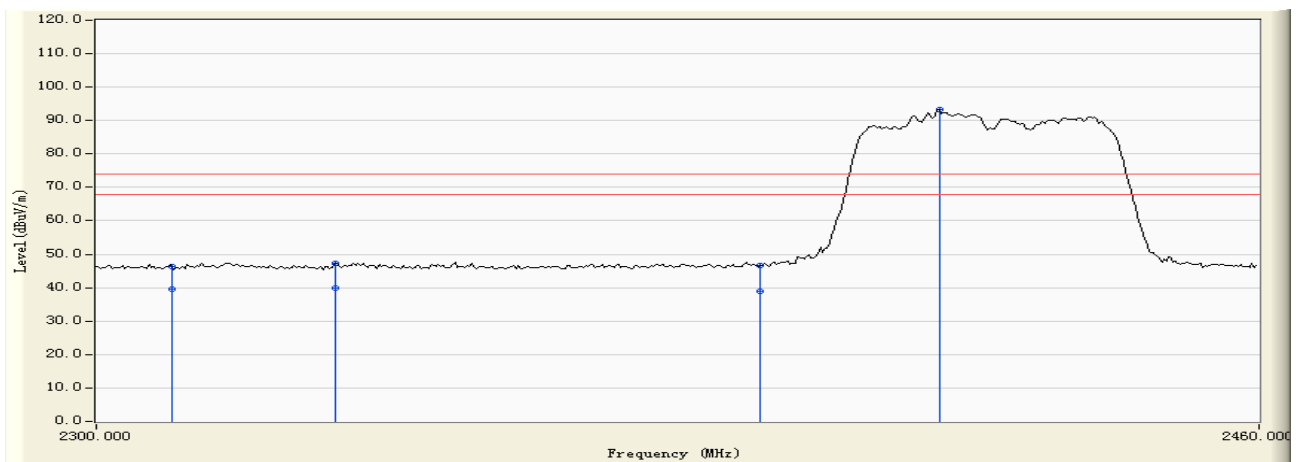


Band Edge (20dBc RF Conducted Measurement)  
Mode 3: Transmit by 802.11n ( 20MHz ) (An1) (2462MHz)





Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:36
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0) (2422MHz)



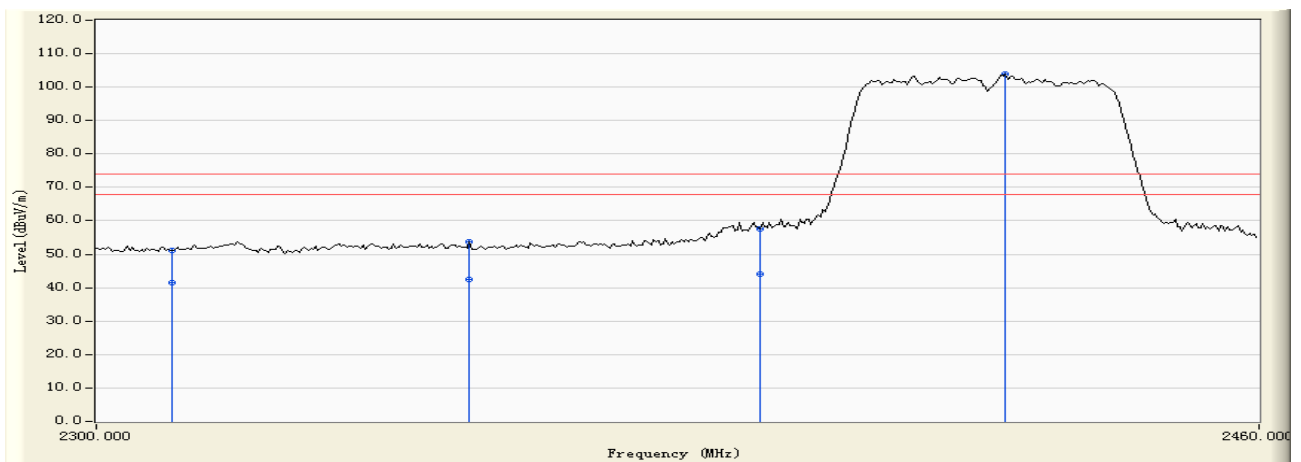
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	46.225	46.414	-27.586	74.000	PEAK
2		2310.000	0.188	39.540	39.729	-14.271	54.000	AVERAGE
3		2331.936	0.239	47.041	47.279	-26.721	74.000	PEAK
4		2331.936	0.239	39.540	39.778	-14.222	54.000	AVERAGE
5		2390.000	0.358	46.272	46.630	-27.370	74.000	PEAK
6		2390.000	0.358	38.520	38.878	-15.122	54.000	AVERAGE
7	*	2414.970	0.439	92.737	93.176	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:37
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0) (2422MHz)



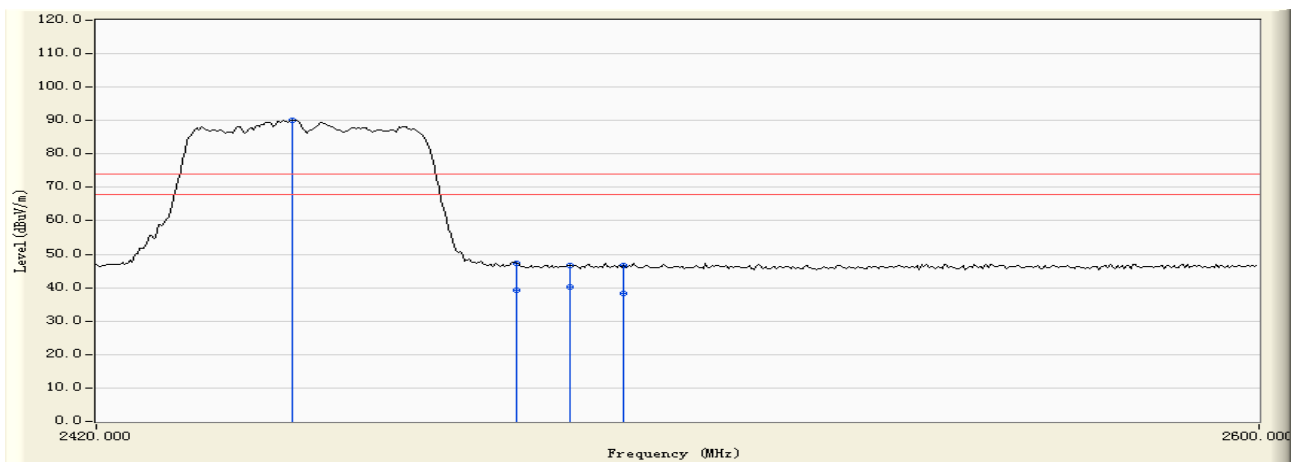
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	51.066	51.255	-22.745	74.000	PEAK
2		2310.000	0.188	41.350	41.539	-12.461	54.000	AVERAGE
3		2350.140	0.279	53.501	53.779	-20.221	74.000	PEAK
4		2350.140	0.279	42.170	42.448	-11.552	54.000	AVERAGE
5		2390.000	0.358	57.300	57.658	-16.342	74.000	PEAK
6		2390.000	0.358	43.560	43.918	-10.082	54.000	AVERAGE
7	*	2424.232	0.470	103.289	103.759	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:40
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0) (2452MHz)



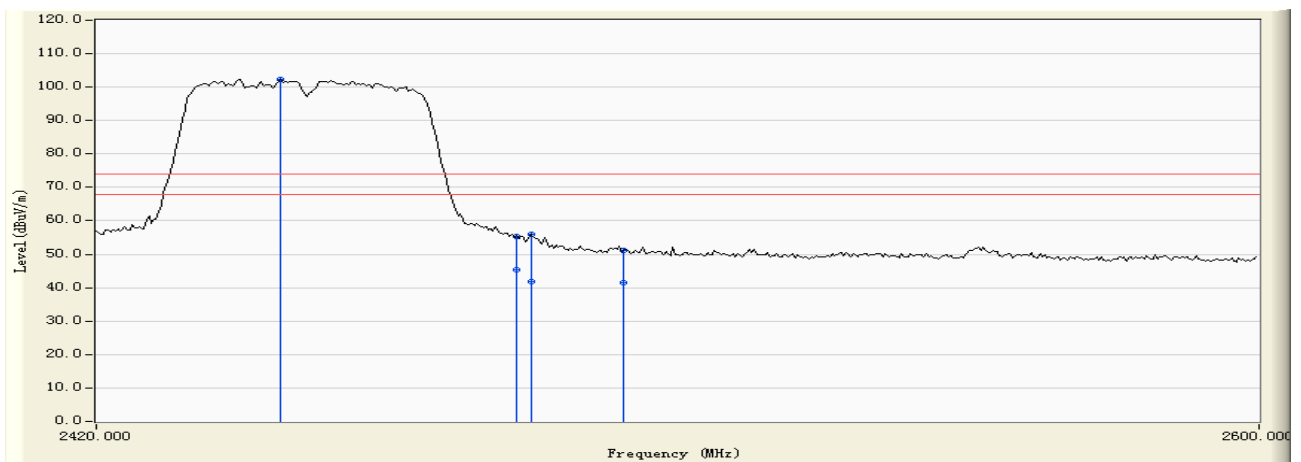
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2449.461	0.550	89.623	90.172	N/A	N/A	PEAK
2		2483.500	0.672	46.562	47.235	-26.765	74.000	PEAK
3		2483.500	0.672	38.570	39.243	-14.757	54.000	AVERAGE
4		2491.856	0.701	46.107	46.809	-27.191	74.000	PEAK
5		2491.856	0.701	39.520	40.222	-13.778	54.000	AVERAGE
6		2500.000	0.737	45.795	46.531	-27.469	74.000	PEAK
7		2500.000	0.737	37.460	38.196	-15.804	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:41
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0) (2452MHz)



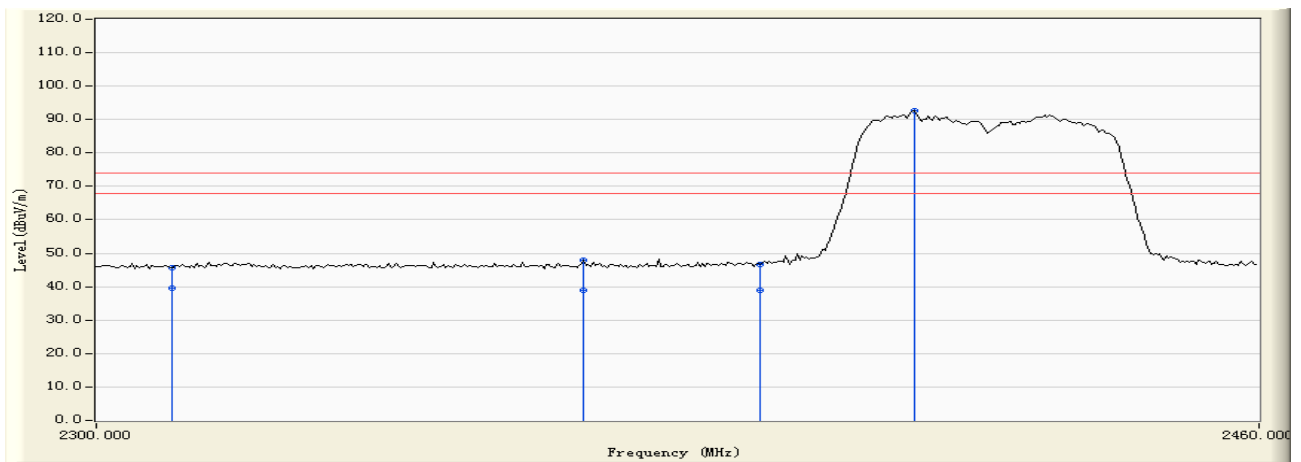
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2447.665	0.543	101.844	102.387	N/A	N/A	PEAK
2		2483.500	0.672	54.737	55.410	-18.590	74.000	PEAK
3		2483.500	0.672	44.530	45.203	-8.797	54.000	AVERAGE
4		2485.749	0.680	55.380	56.061	-17.939	74.000	PEAK
5		2485.749	0.680	41.240	41.921	-12.079	54.000	AVERAGE
6		2500.000	0.737	50.305	51.041	-22.959	74.000	PEAK
7		2500.000	0.737	40.870	41.606	-12.394	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:54
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An1) (2422MHz)



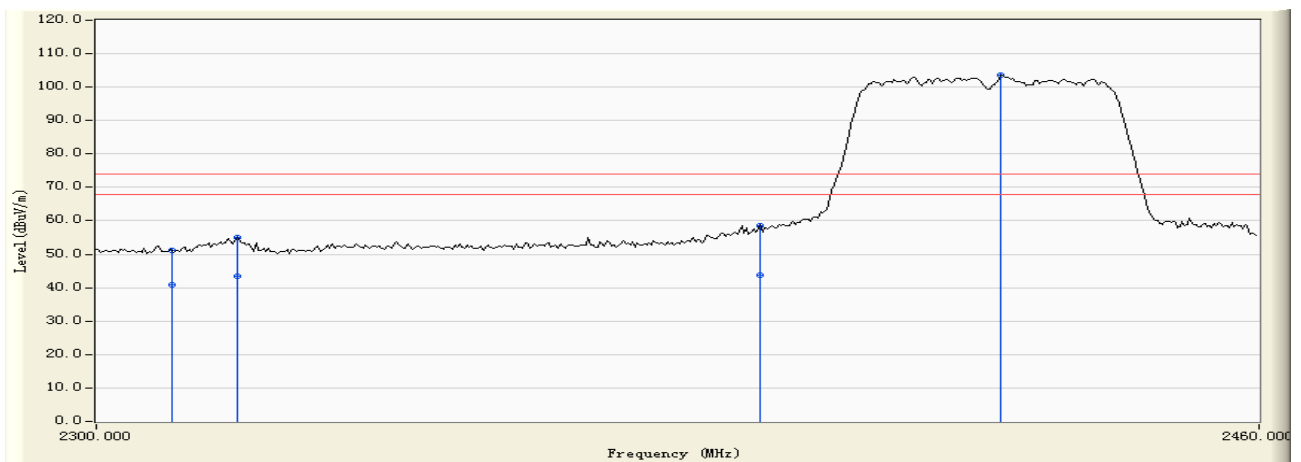
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	45.546	45.735	-28.265	74.000	PEAK
2		2310.000	0.188	39.520	39.709	-14.291	54.000	AVERAGE
3		2365.788	0.307	47.546	47.853	-26.147	74.000	PEAK
4		2365.788	0.307	38.560	38.867	-15.133	54.000	AVERAGE
5		2390.000	0.358	46.363	46.721	-27.279	74.000	PEAK
6		2390.000	0.358	38.670	39.028	-14.972	54.000	AVERAGE
7	*	2411.457	0.426	92.132	92.559	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 11:56
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An1) (2422MHz)



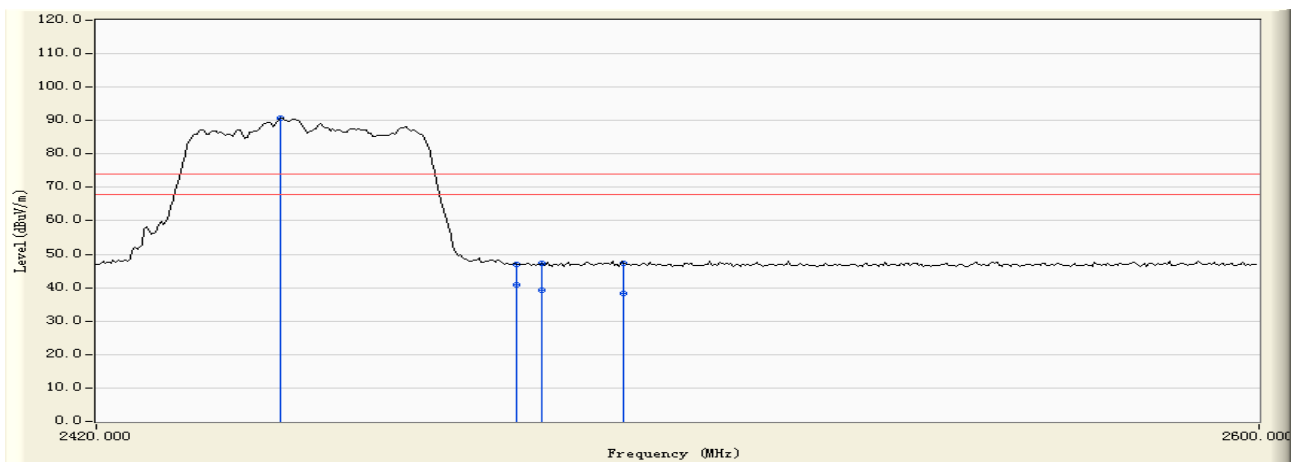
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	50.963	51.152	-22.848	74.000	PEAK
2		2310.000	0.188	40.580	40.769	-13.231	54.000	AVERAGE
3		2318.842	0.209	54.679	54.887	-19.113	74.000	PEAK
4		2318.842	0.209	43.260	43.468	-10.532	54.000	AVERAGE
5		2390.000	0.358	58.281	58.639	-15.361	74.000	PEAK
6		2390.000	0.358	43.510	43.868	-10.132	54.000	AVERAGE
7	*	2423.593	0.469	103.132	103.600	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 12:13
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An1) (2452MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2447.665	0.543	90.196	90.739	N/A	N/A	PEAK
2		2483.500	0.672	46.300	46.973	-27.027	74.000	PEAK
3		2483.500	0.672	40.150	40.823	-13.177	54.000	AVERAGE
4		2487.545	0.687	46.678	47.365	-26.635	74.000	PEAK
5		2487.545	0.687	38.520	39.207	-14.793	54.000	AVERAGE
6		2500.000	0.737	46.698	47.434	-26.566	74.000	PEAK
7		2500.000	0.737	37.590	38.326	-15.674	54.000	AVERAGE

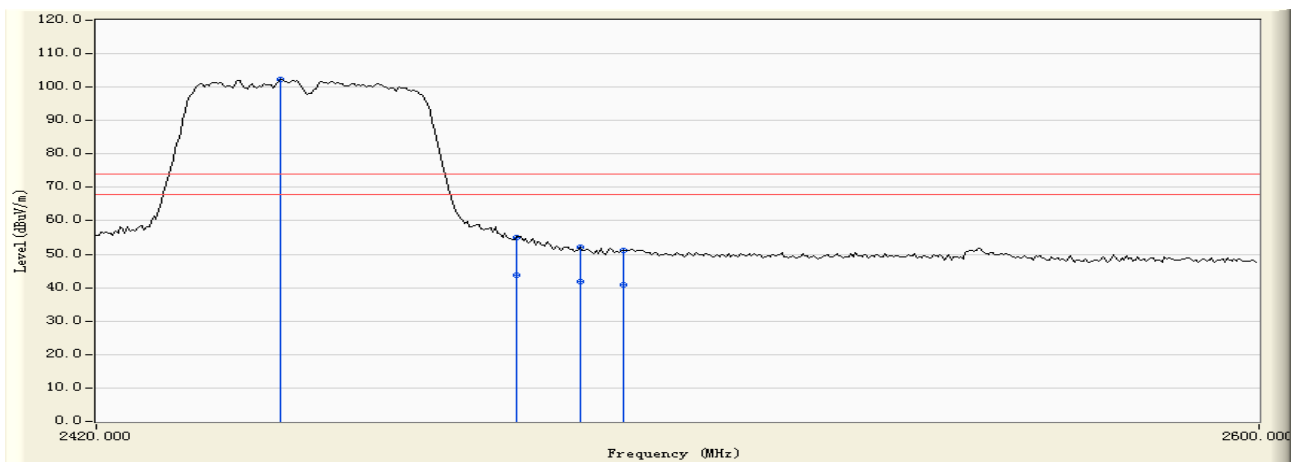
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor





Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/19 - 12:14
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An1) (2452MHz)



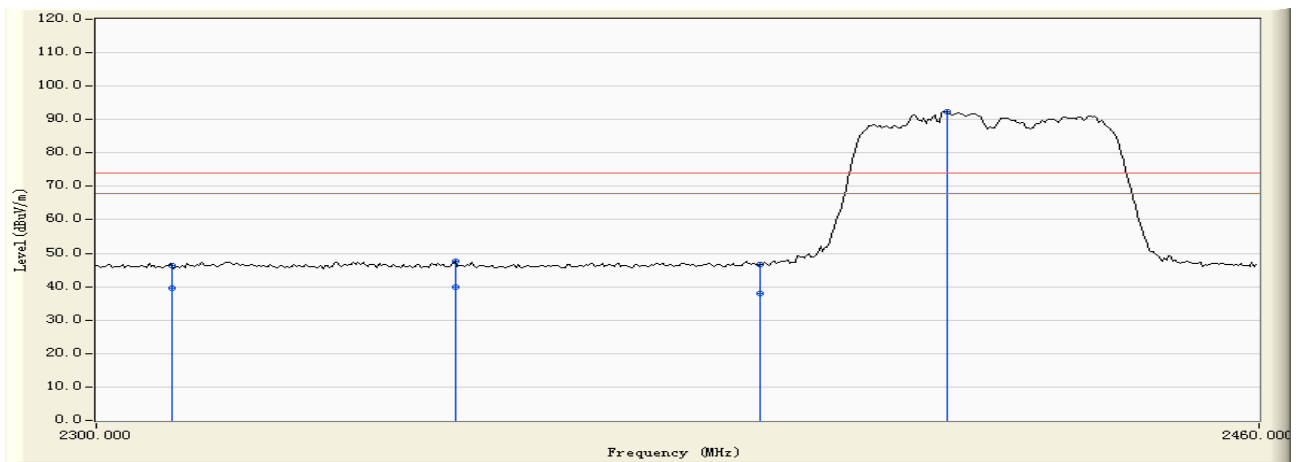
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2447.665	0.543	101.736	102.279	N/A	N/A	PEAK
2		2483.500	0.672	54.365	55.038	-18.962	74.000	PEAK
3		2483.500	0.672	43.120	43.793	-10.207	54.000	AVERAGE
4		2493.293	0.706	51.330	52.036	-21.964	74.000	PEAK
5		2493.293	0.706	41.080	41.786	-12.214	54.000	AVERAGE
6		2500.000	0.737	50.404	51.140	-22.860	74.000	PEAK
7		2500.000	0.737	40.280	41.016	-12.984	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/20 - 17:10
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



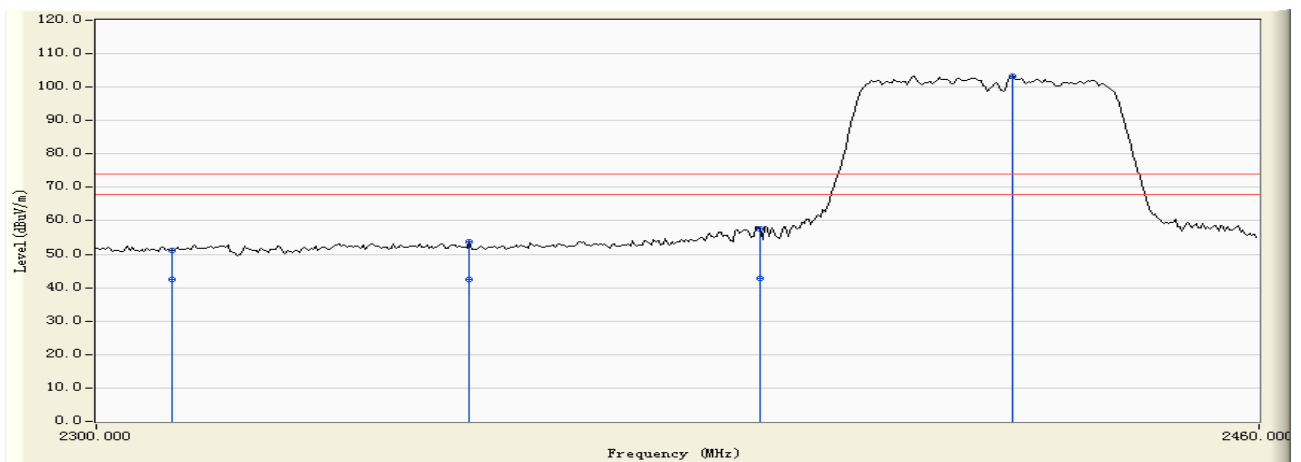
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	46.225	46.414	-27.586	74.000	PEAK
2		2310.000	0.188	39.520	39.709	-14.291	54.000	AVERAGE
3		2348.224	0.274	47.254	47.528	-26.472	74.000	PEAK
4		2348.224	0.274	39.510	39.784	-14.216	54.000	AVERAGE
5		2390.000	0.358	46.272	46.630	-27.370	74.000	PEAK
6		2390.000	0.358	37.520	37.878	-16.122	54.000	AVERAGE
7	*	2415.928	0.442	91.885	92.327	N/A	N/A	PEAK

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/20 - 17:10
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



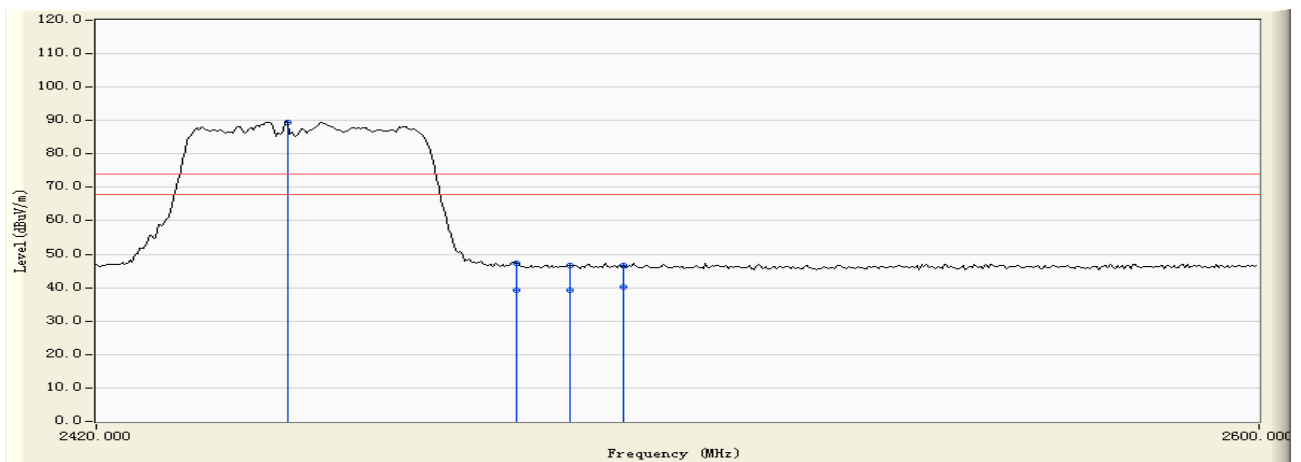
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	51.066	51.255	-22.745	74.000	PEAK
2		2310.000	0.188	42.150	42.339	-11.661	54.000	AVERAGE
3		2350.140	0.279	53.501	53.779	-20.221	74.000	PEAK
4		2350.140	0.279	42.170	42.448	-11.552	54.000	AVERAGE
5		2390.000	0.358	57.300	57.658	-16.342	74.000	PEAK
6		2390.000	0.358	42.580	42.938	-11.062	54.000	AVERAGE
7	*	2425.190	0.474	102.748	103.222	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/20 - 17:11
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



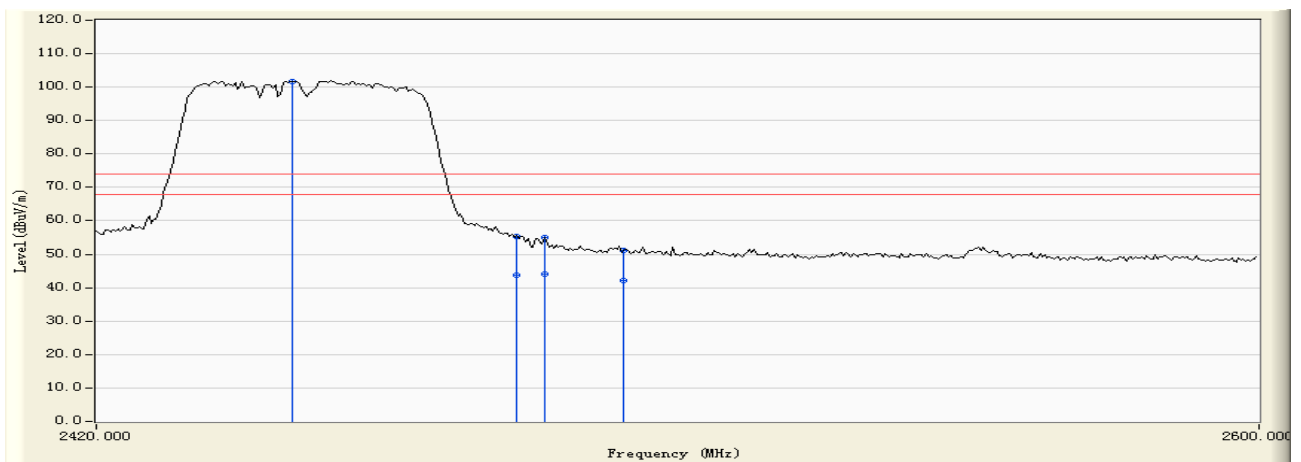
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2448.742	0.547	88.980	89.527	N/A	N/A	PEAK
2		2483.500	0.672	46.562	47.235	-26.765	74.000	PEAK
3		2483.500	0.672	38.540	39.213	-14.787	54.000	AVERAGE
4		2491.856	0.701	46.107	46.809	-27.191	74.000	PEAK
5		2491.856	0.701	38.540	39.242	-14.758	54.000	AVERAGE
6		2500.000	0.737	45.795	46.531	-27.469	74.000	PEAK
7		2500.000	0.737	39.540	40.276	-13.724	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Engineer : Alice	
Site : EMC Lab AC 102	Time : 2010/09/20 - 17:11
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Wireless ADSL2+ 4-port Security Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Trnasmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



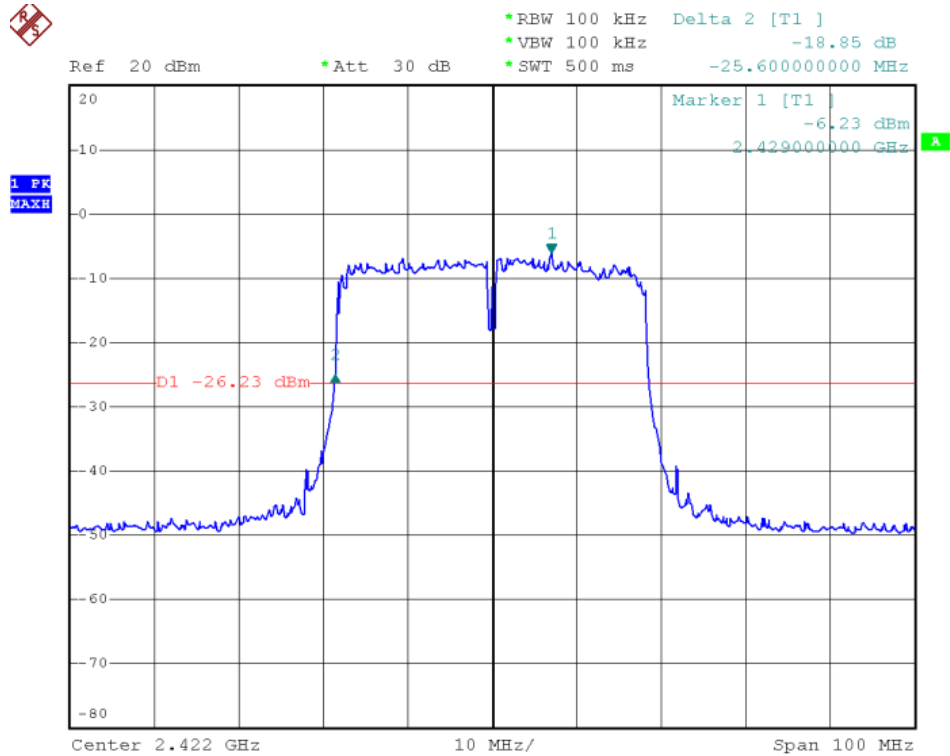
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2449.461	0.550	101.211	101.760	N/A	N/A	PEAK
2		2483.500	0.672	54.737	55.410	-18.590	74.000	PEAK
3		2483.500	0.672	43.010	43.683	-10.317	54.000	AVERAGE
4		2487.904	0.689	54.442	55.130	-18.870	74.000	PEAK
5		2487.904	0.689	43.520	44.208	-9.792	54.000	AVERAGE
6		2500.000	0.737	50.305	51.041	-22.959	74.000	PEAK
7		2500.000	0.737	41.280	42.016	-11.984	54.000	AVERAGE

Note:

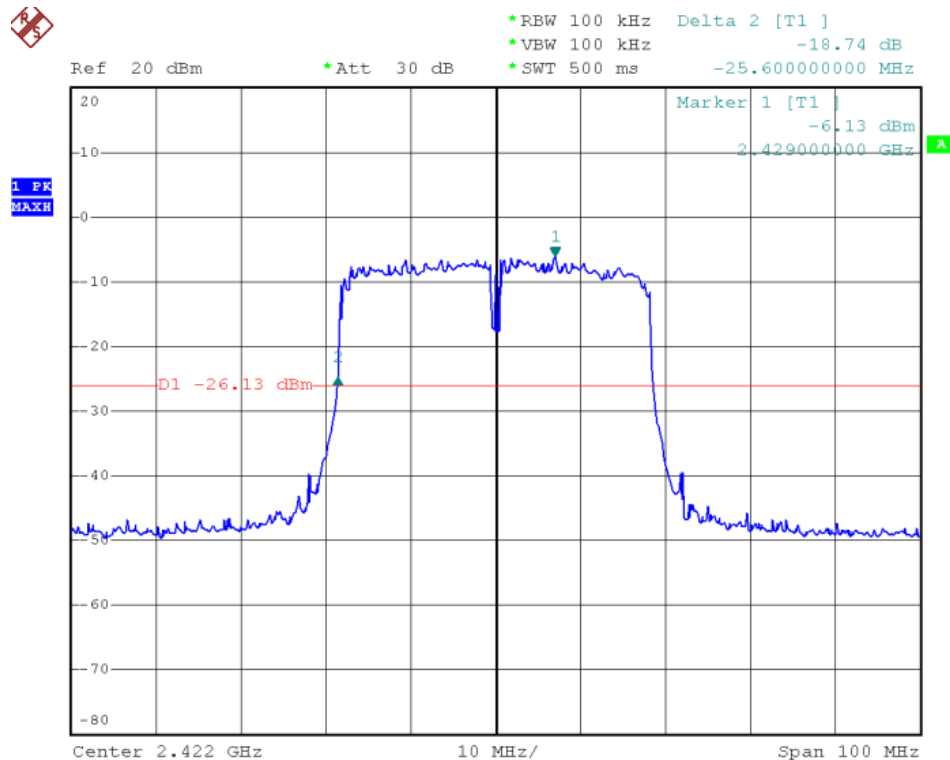
1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor



Band Edge (20dBc RF Conducted Measurement)  
Mode 4: Transmit by 802.11n ( 40MHz ) (An0) (2422MHz)

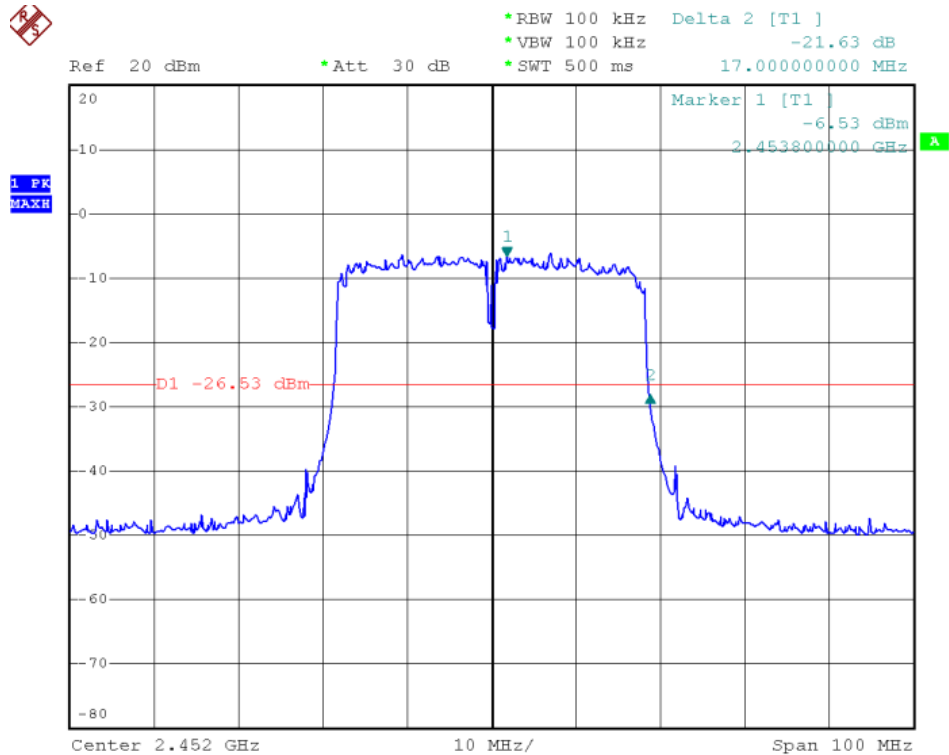


Band Edge (20dBc RF Conducted Measurement)  
Mode 4: Transmit by 802.11n ( 40MHz ) (An1) (2422MHz)

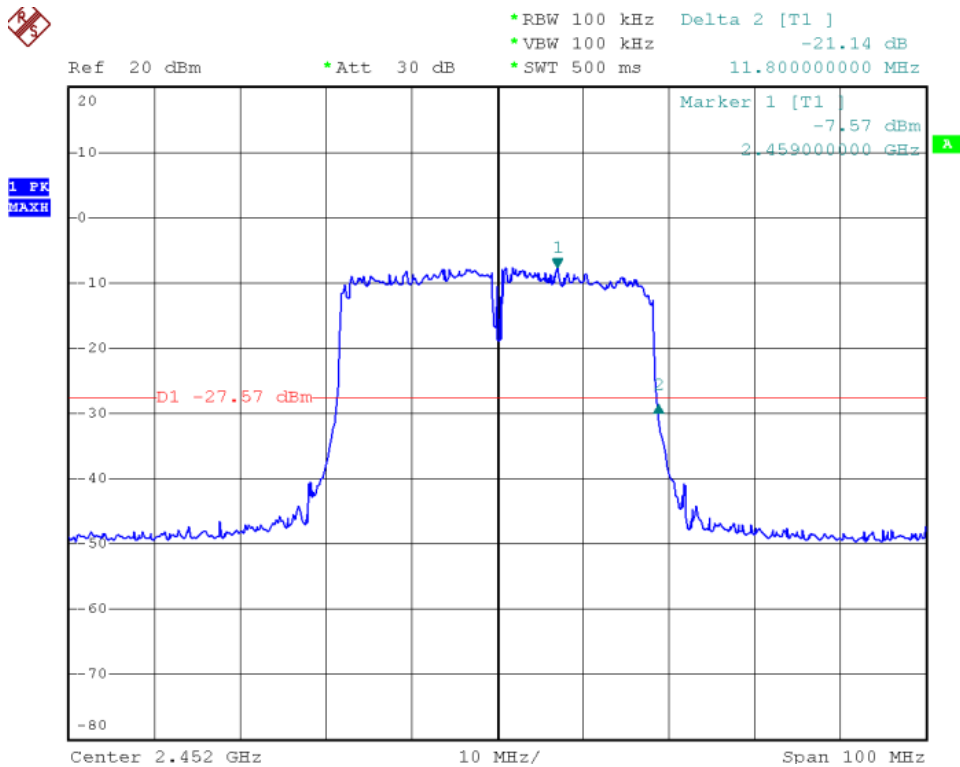




Band Edge (20dBc RF Conducted Measurement)  
Mode 4: Transmit by 802.11 n ( 40MHz ) (An0) (2452MHz)



Band Edge (20dBc RF Conducted Measurement)  
Mode 4: Transmit by 802.11 n ( 40MHz ) (An1) (2452MHz)





## 8. RF Antenna Conducted Spurious

### 8.1. Test Limit

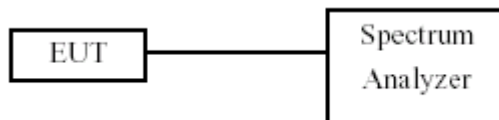
In any 100kHz bandwidth outside the frequency band in which the spread spectrum intentional Radiator is operating, the radio frequency power that is produced by the intentional radiator shall Be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

### 8.2. Test Procedure

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074for compliance to FCC 47CFR 15.247 requirements.

Set RBW= 100 kHz, Set VBW>RBW, Sweep time=Auto, set up through 10 th harmonic.

### 8.3. Test Setup Layout



### 8.4. Measurement Equipment

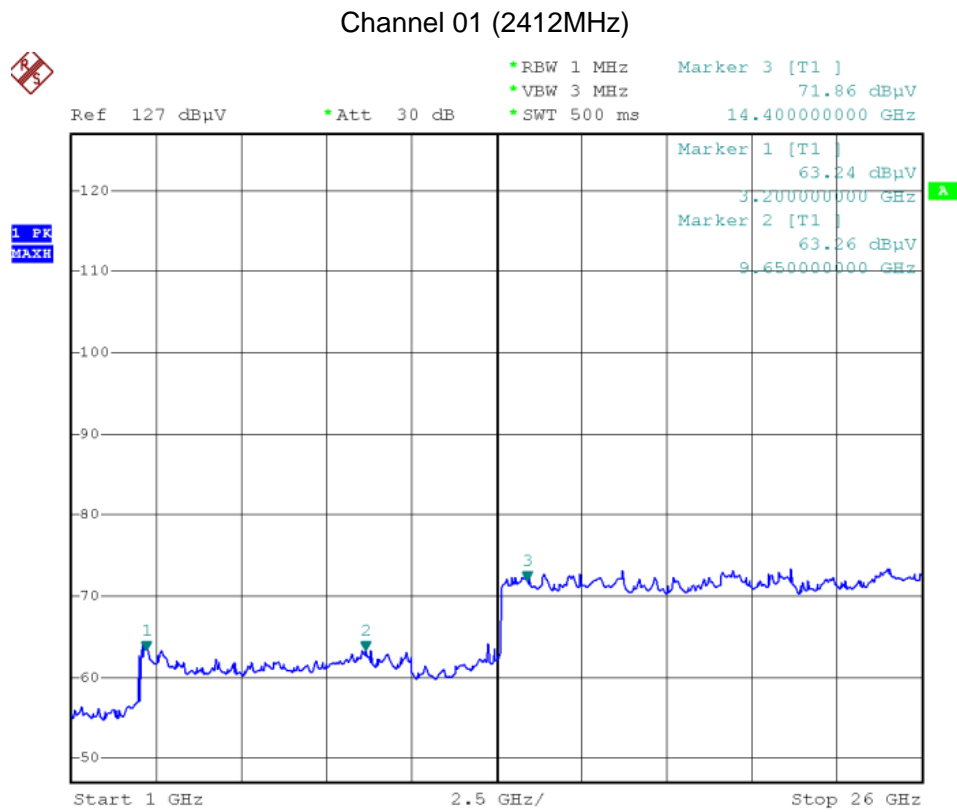
Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17





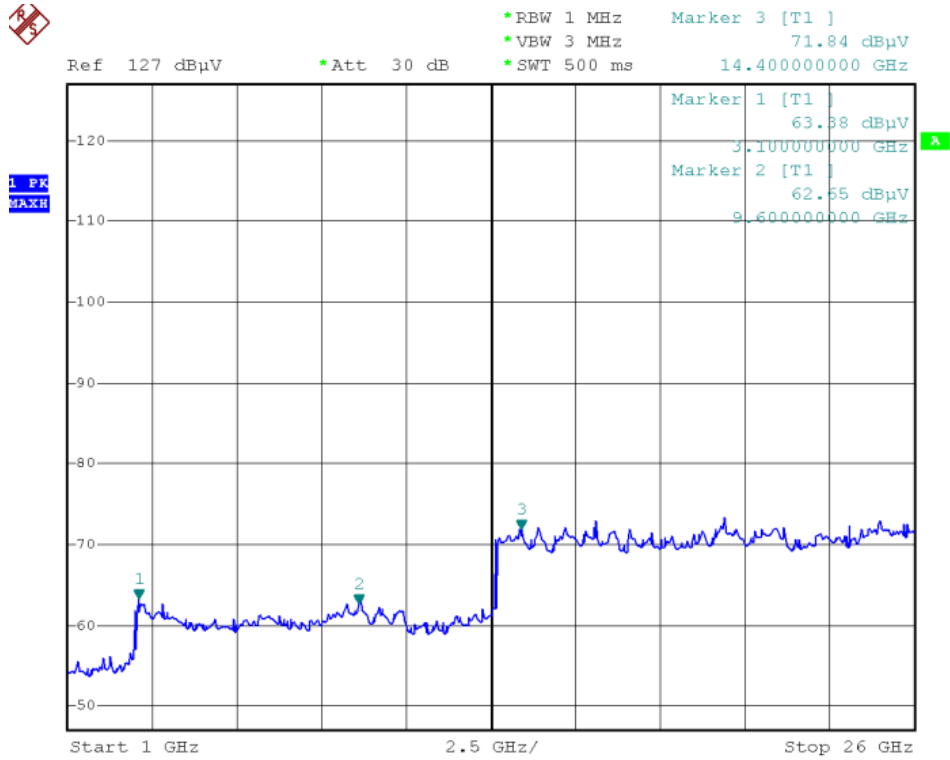
### 8.5. Test Result and Data

Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 1: Transmit by 802.11b(An0)
Test Date	2010-10-11

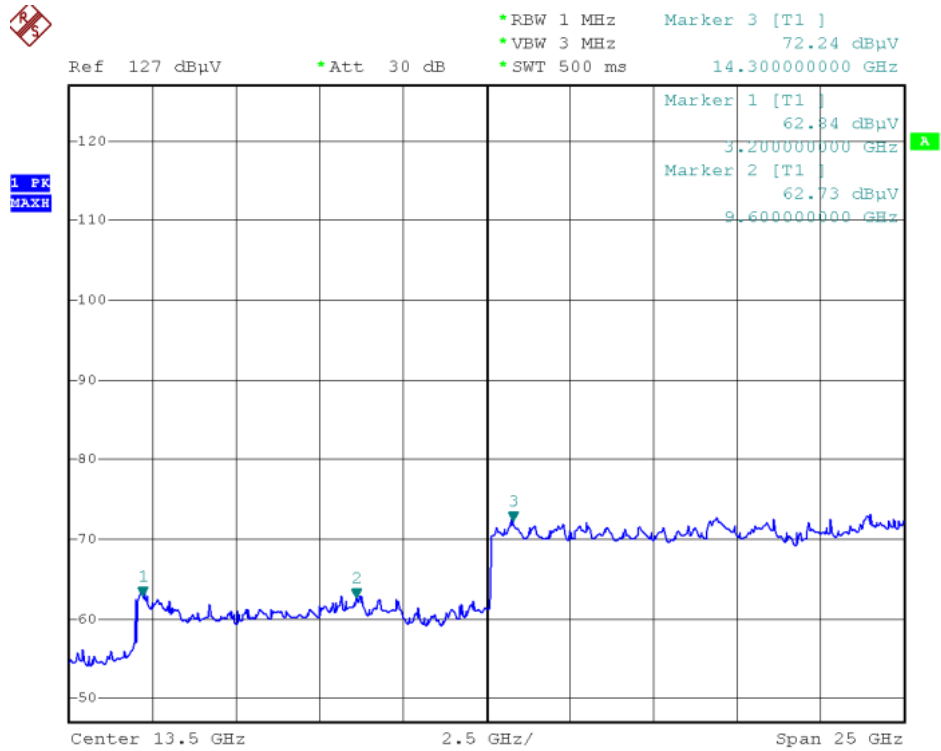




Channel 06 (2437MHz)



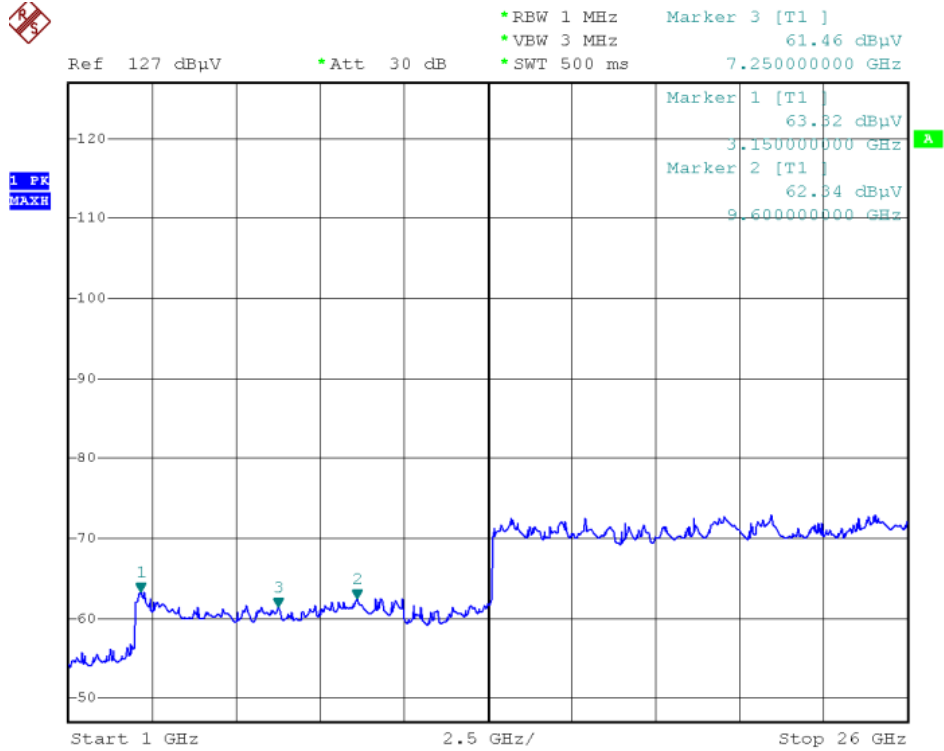
Channel 11 (2462MHz)





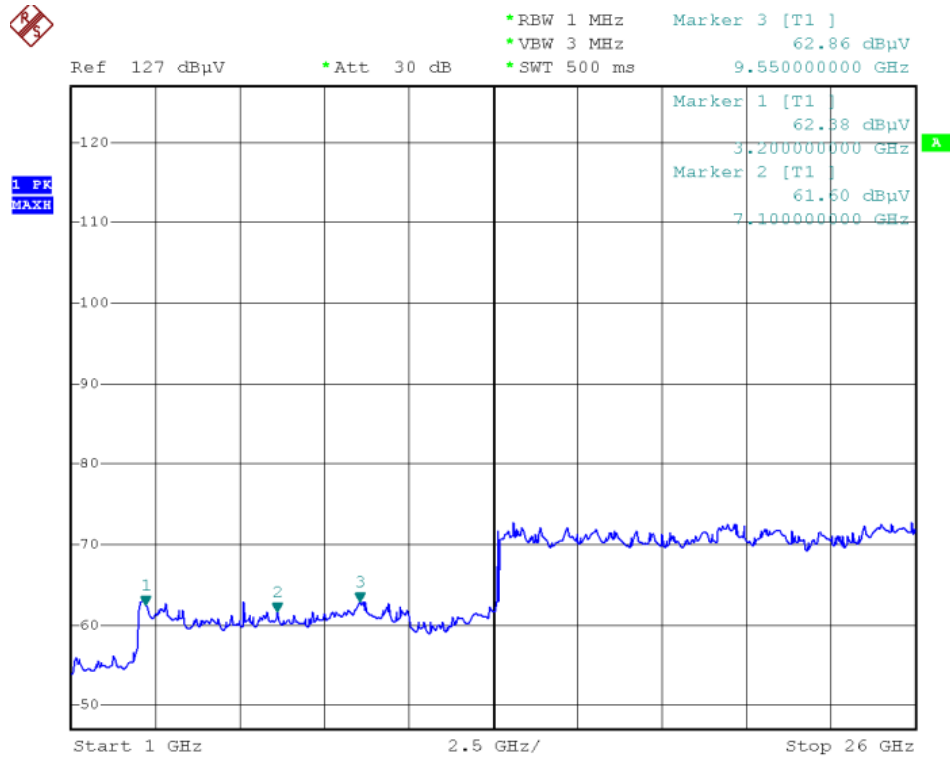
Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 2: Transmit by 802.11g (An0)
Test Date	2010-10-11

Channel 01 (2412MHz)

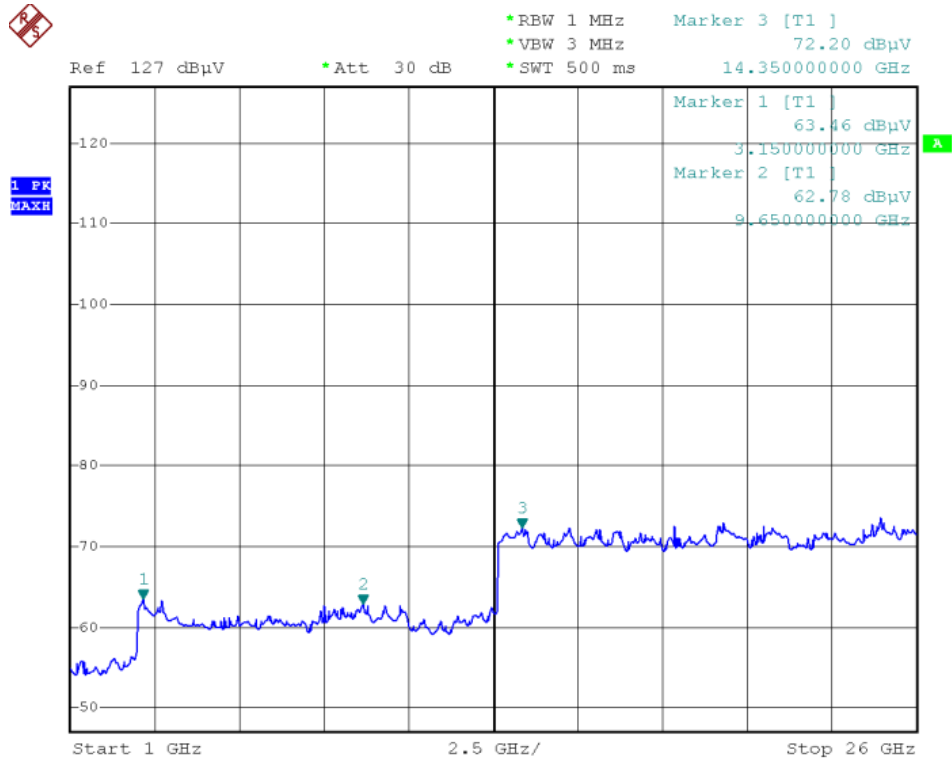




Channel 06 (2437MHz)



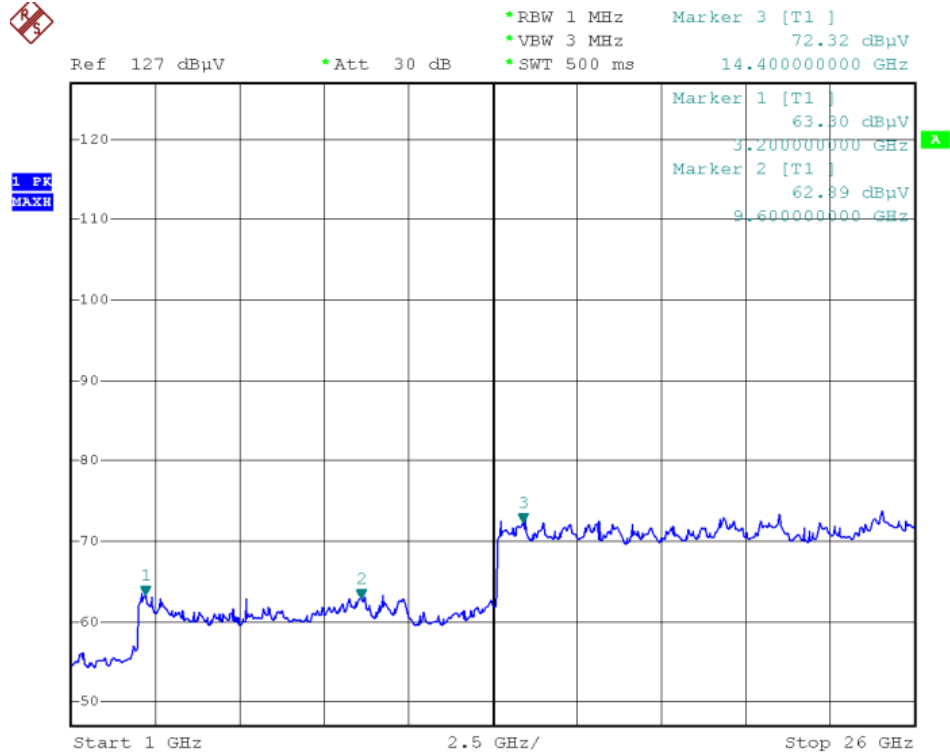
Channel 11 (2462MHz)





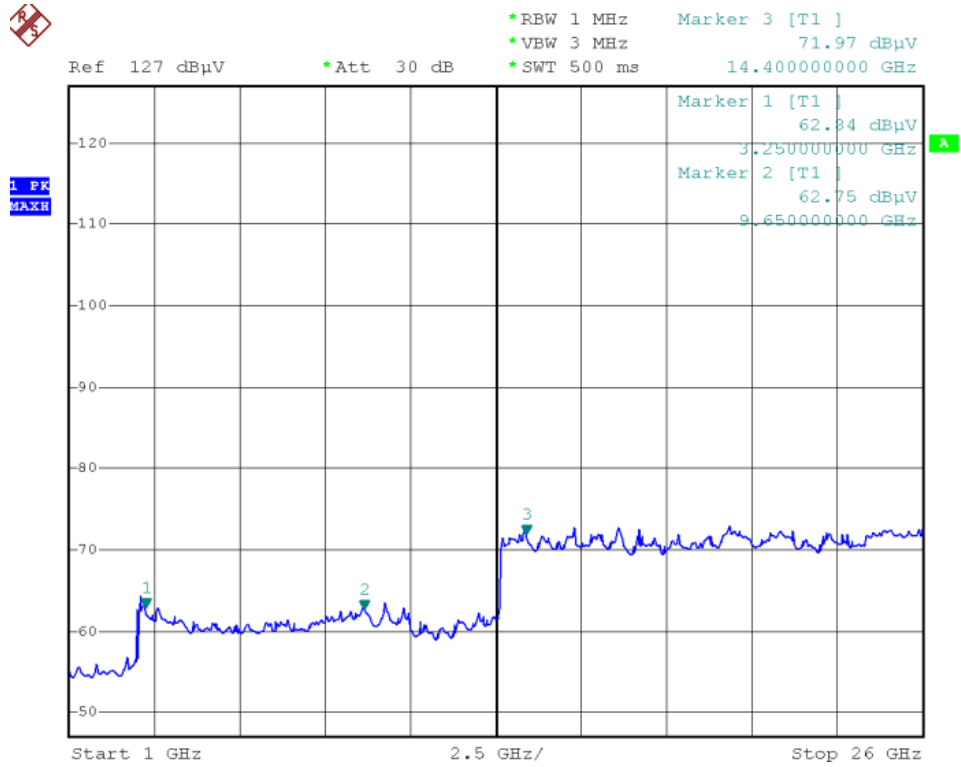
Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 3: Transmit by 802.11n (20MHz) (An0)
Test Date	2010-10-11

Channel 01 (2412MHz)

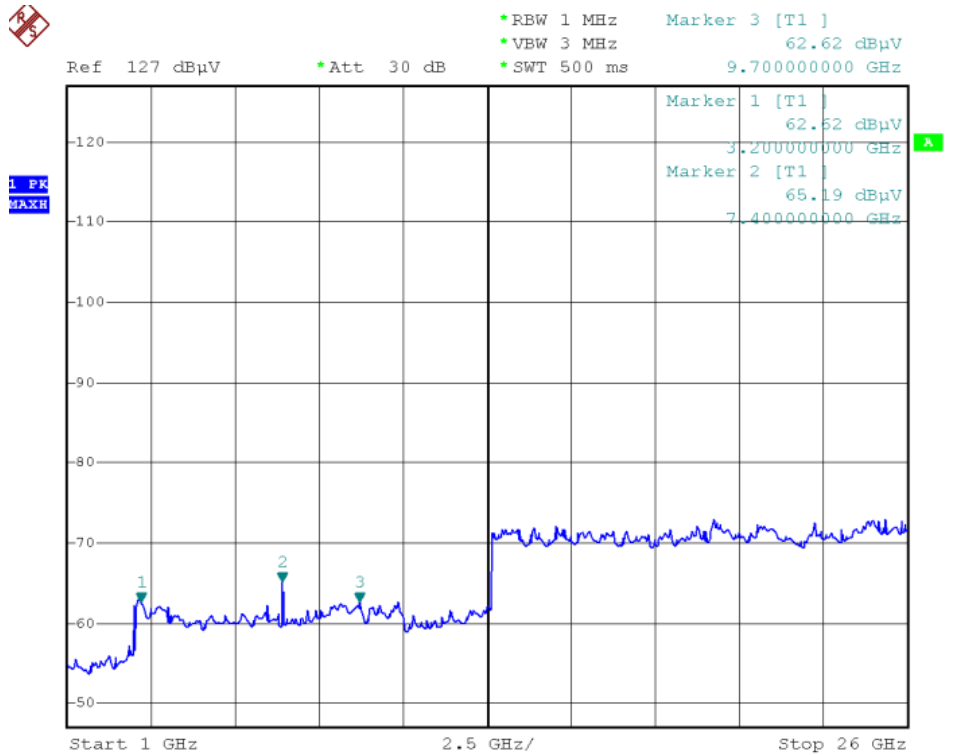




### Channel 06 (2437MHz)



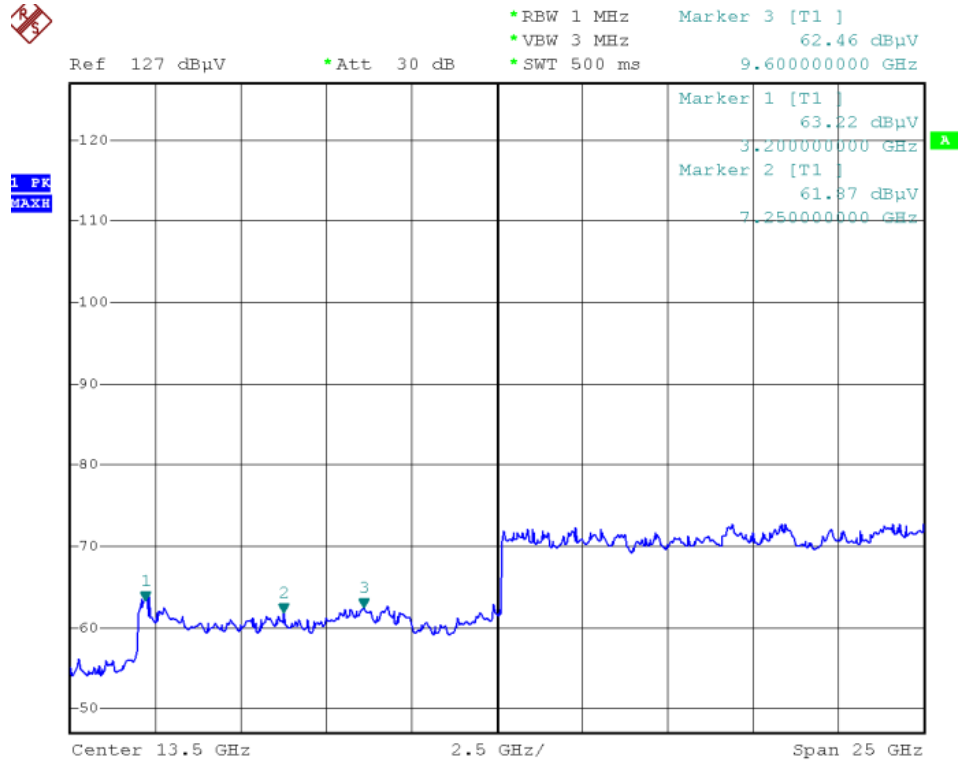
### Channel 11 (2462MHz)





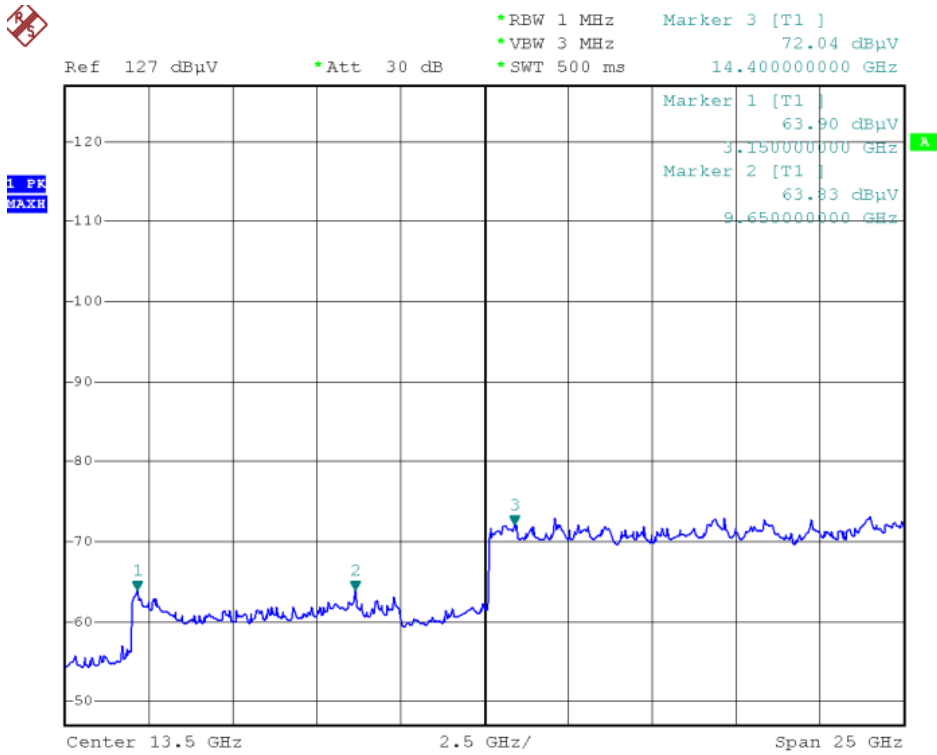
Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 3: Transmit by 802.11n (20MHz) (An1)
Test Date	2010-10-11

Channel 01 (2412MHz)

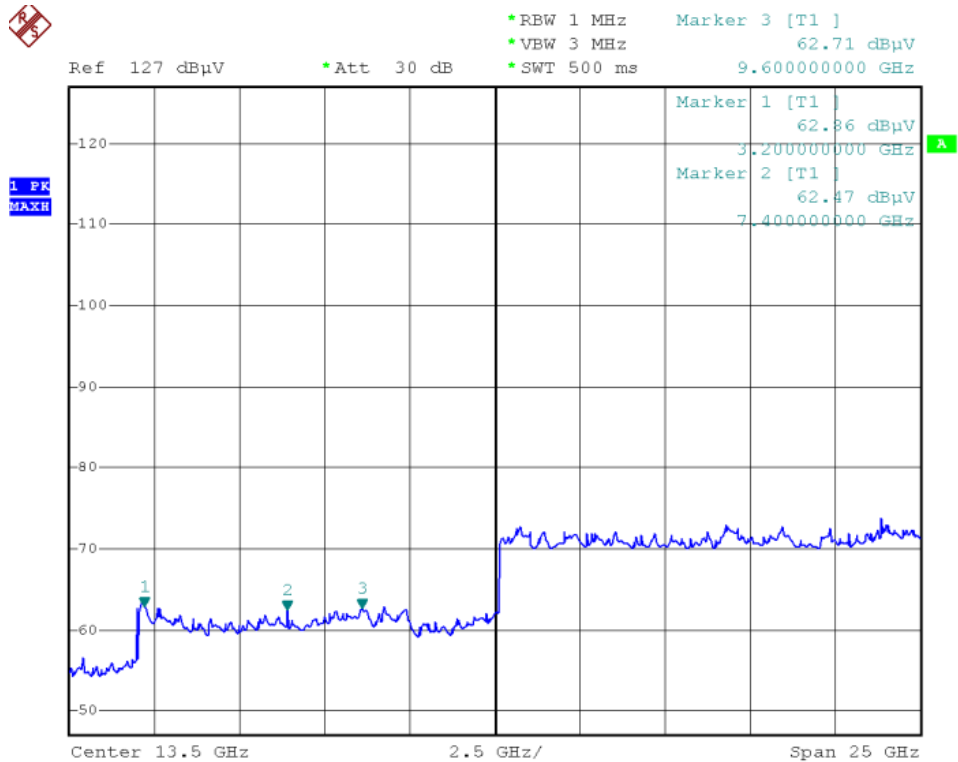




Channel 06 (2437MHz)



Channel 11 (2462MHz)

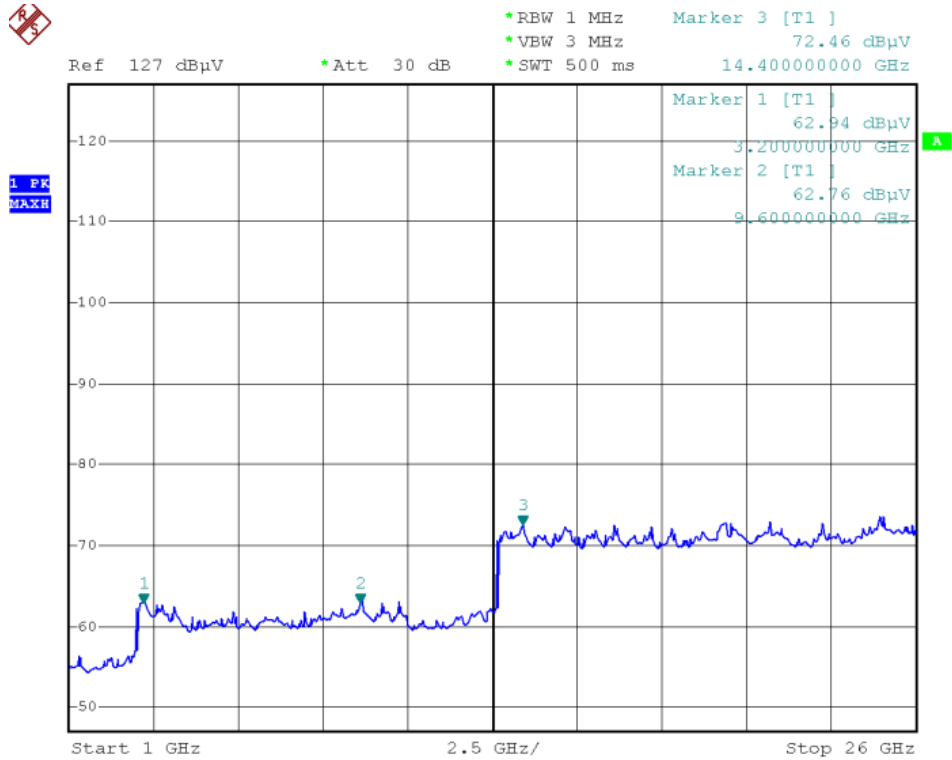






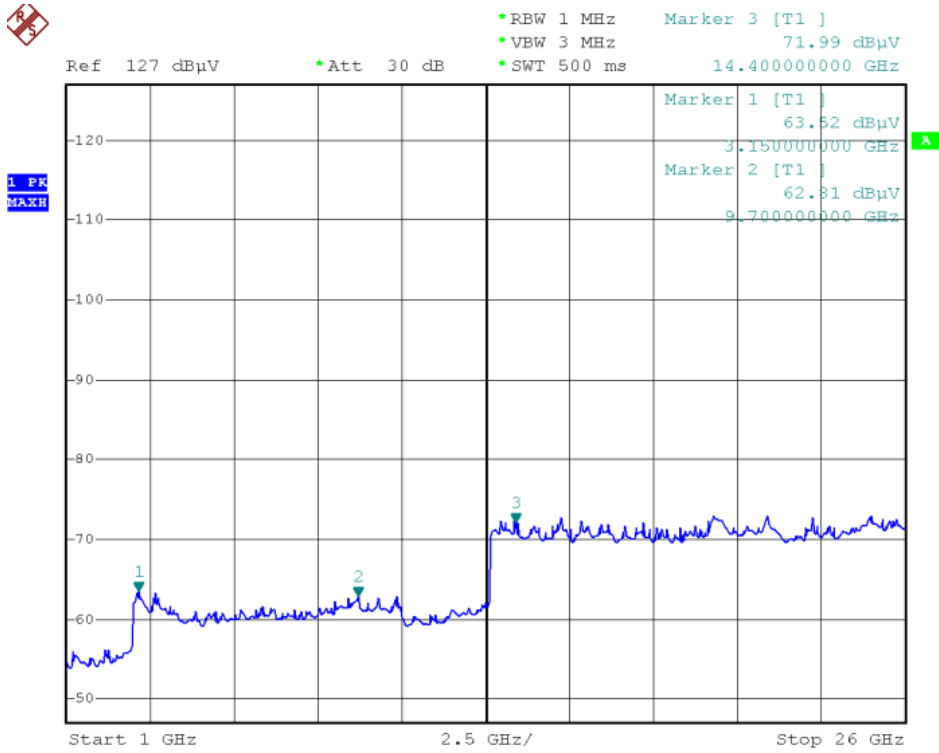
Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 4: Transmit by 802.11n (40MHz) (An0)
Test Date	2010-10-11

Channel 03 (2422MHz)

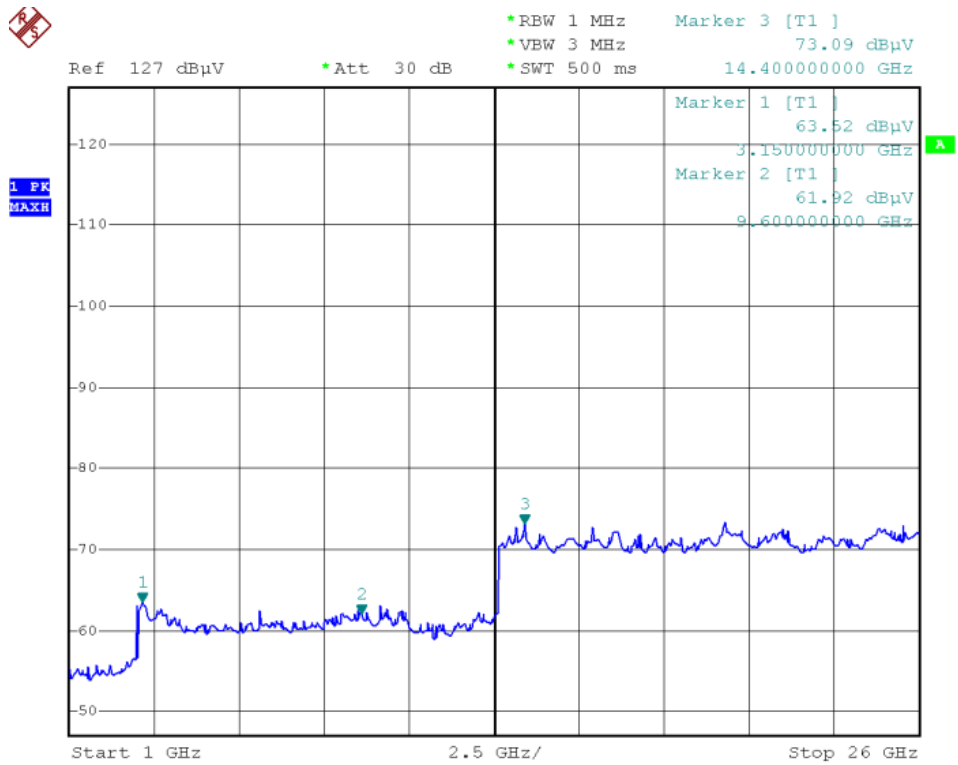




Channel 06 (2437MHz)



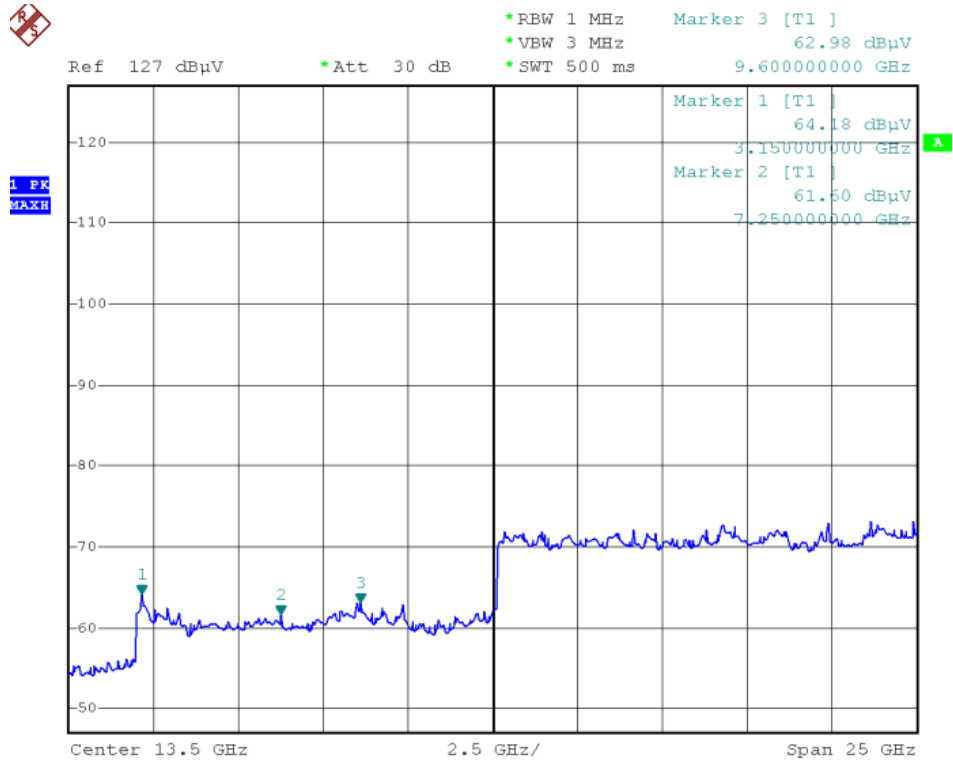
Channel 09 (2452MHz)





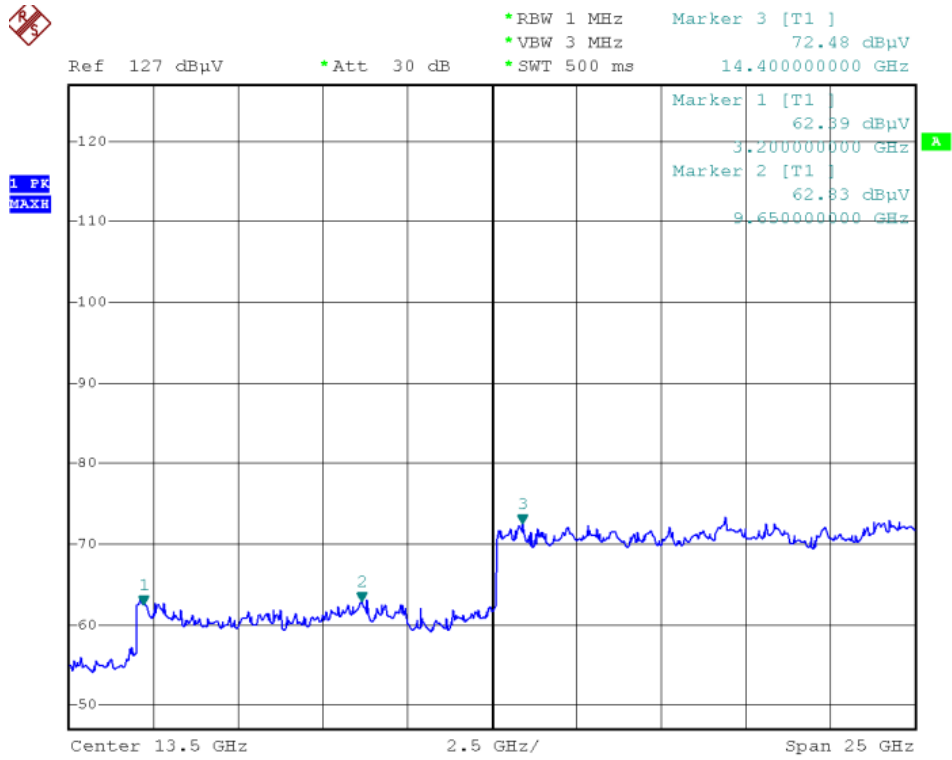
Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 4: Transmit by 802.11n (40MHz) (An1)
Test Date	2010-10-11

Channel 03 (2422MHz)

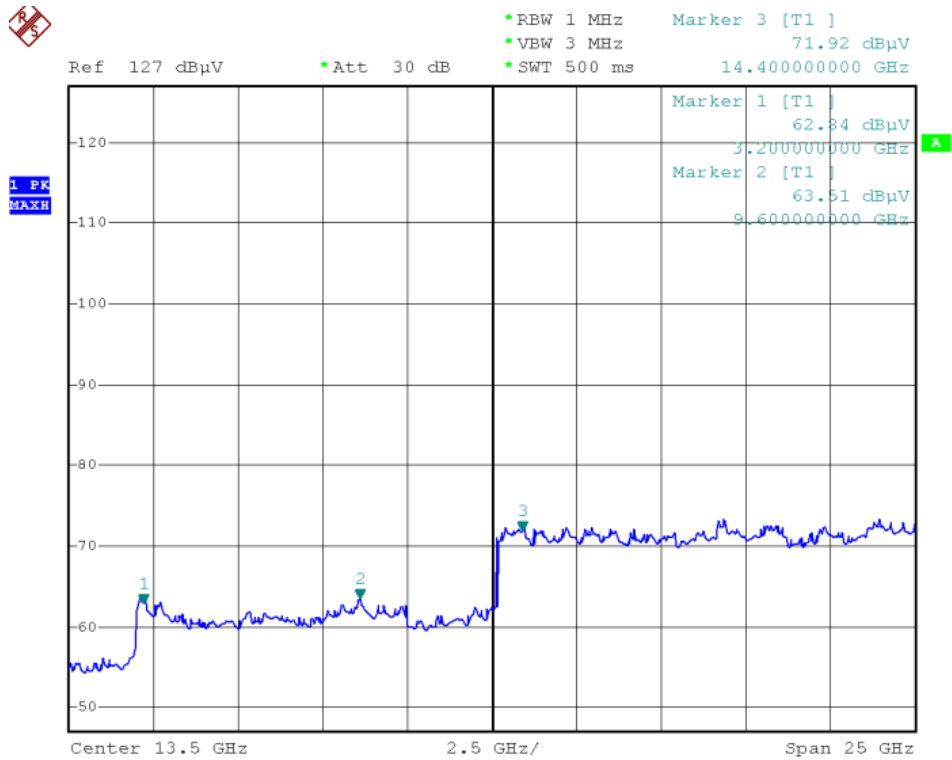




Channel 06 (2437MHz)



Channel 09 (2452MHz)





## 9. Power Spectral Density

### 9.1. Test Limit

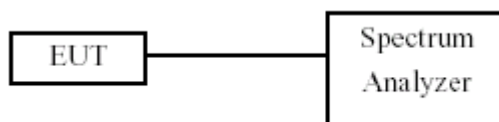
For digitally modulated systems, the power spectral density conducted from the intentional radiated to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmission.

### 9.2. Test Procedure

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

Set RBW= 3 kHz, Set VBW  $\geq$  RBW, Sweep time=Auto, Set detector=Peak detector.

### 9.3. Test Setup Layout



### 9.4. Measurement Equipment

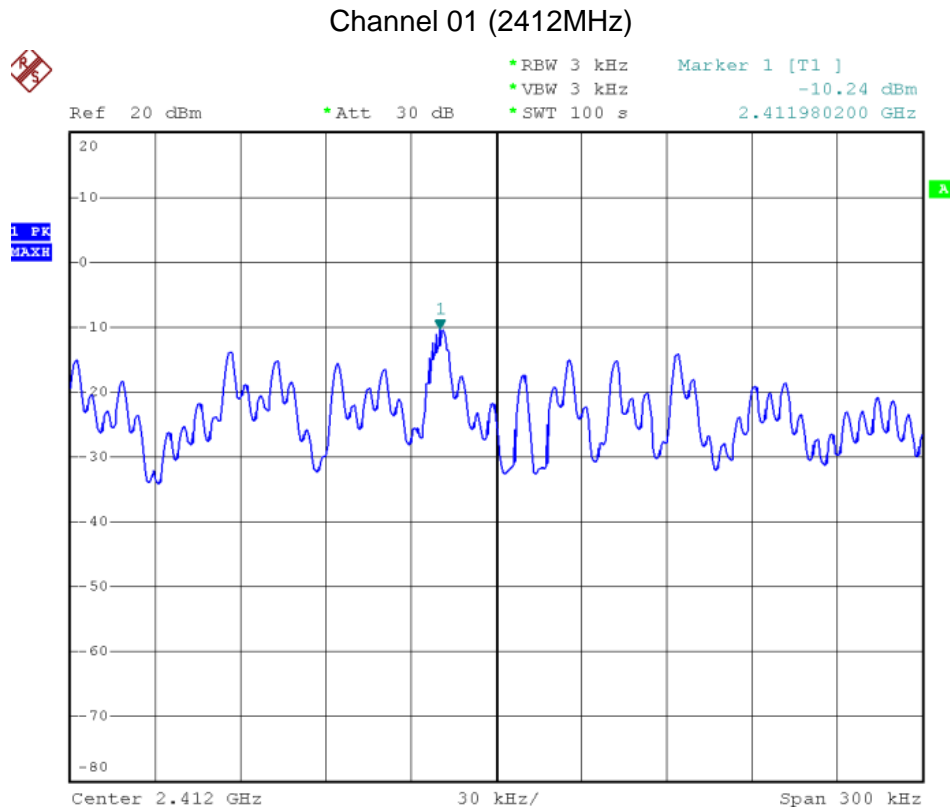
Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17



9.5. Test Result and Data

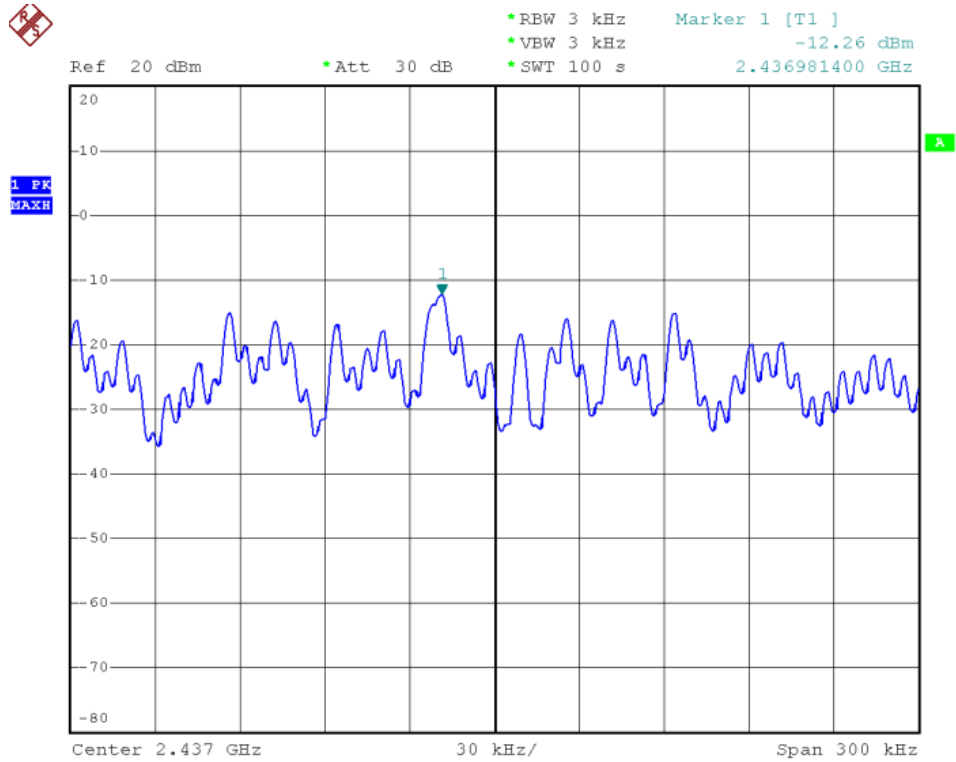
Test Item	Power Spectral Density
Test Mode	Mode 1: Transmit by 802.11b (An0)
Test Date	2010-10-08

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-10.24	8	Pass
06	2437	-12.26	8	Pass
11	2462	-11.89	8	Pass

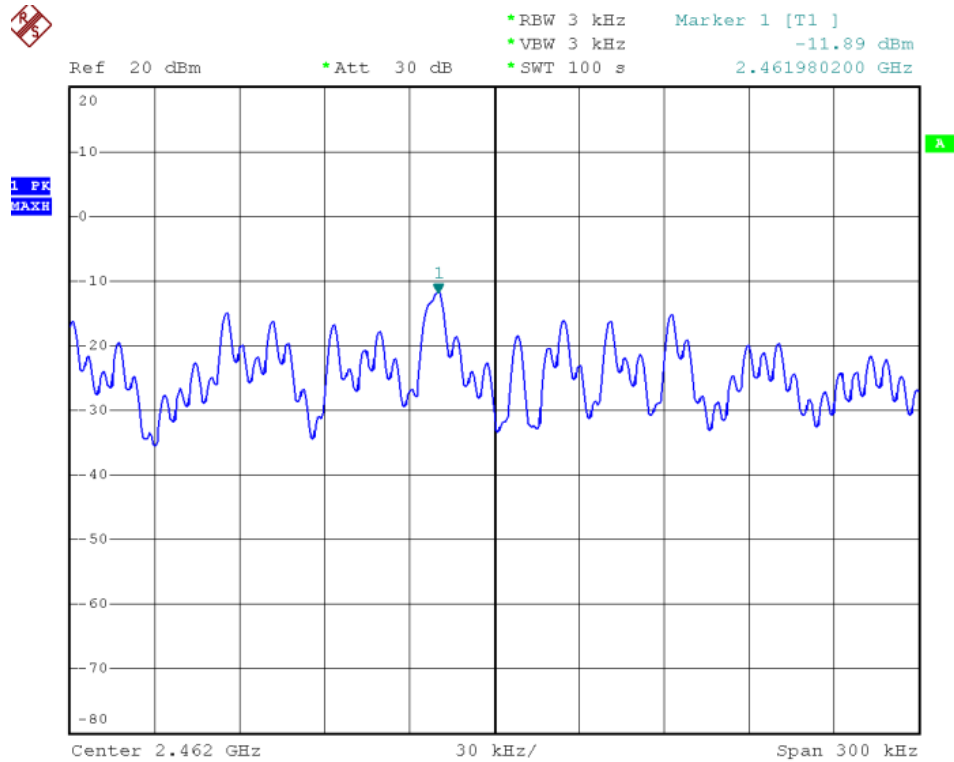




### Channel 06 (2437MHz)



### Channel 11 (2462MHz)

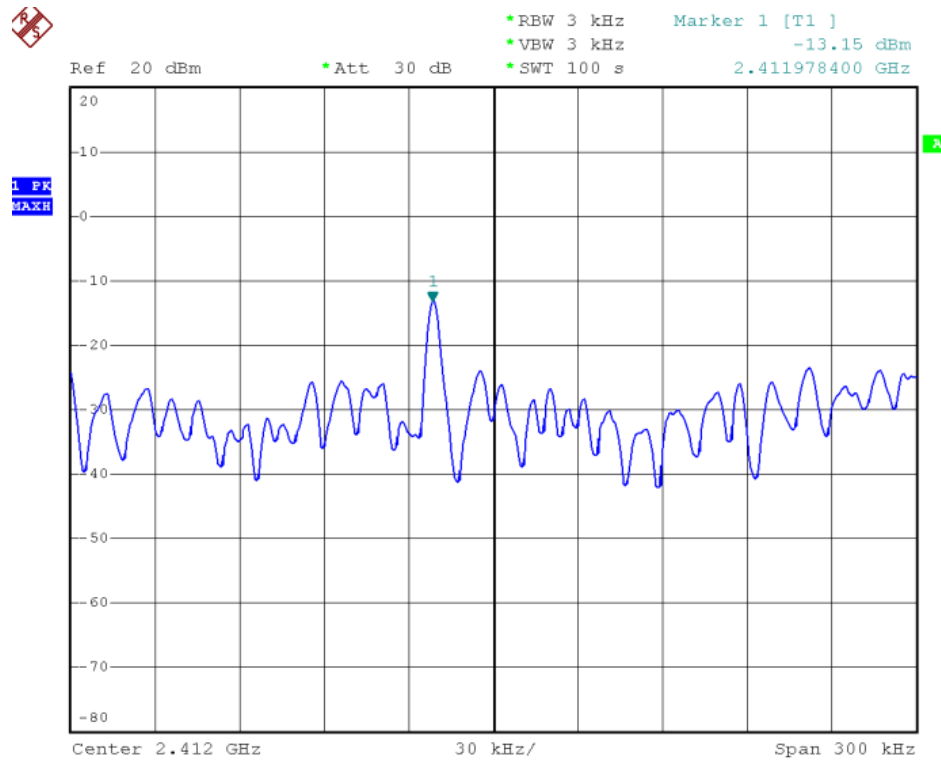




Test Item	Power Spectral Density
Test Mode	Mode 2: Transmit by 802.11g (An0)
Test Date	2010-10-08

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-13.15	8	Pass
06	2437	-14.90	8	Pass
11	2462	-14.34	8	Pass

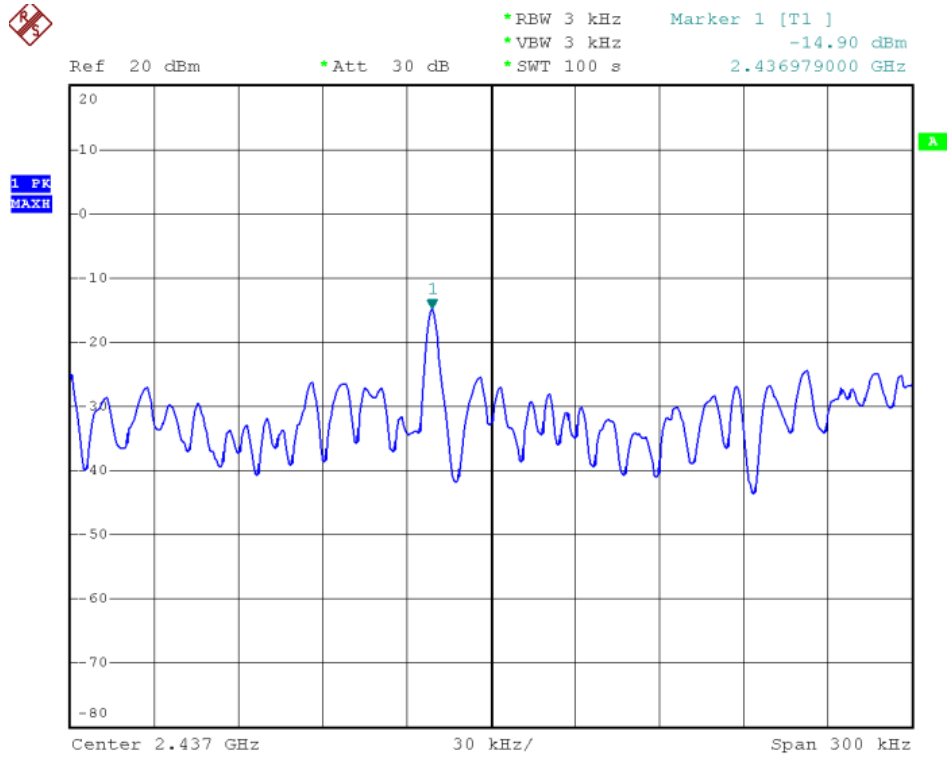
Channel 01 (2412MHz)



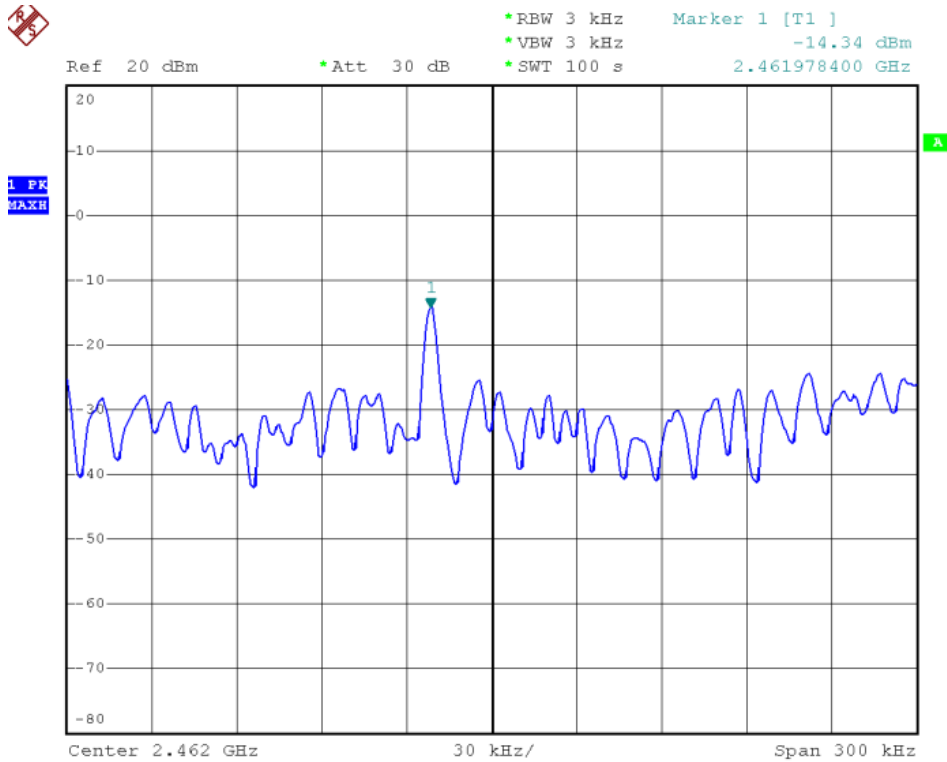




Channel 06 (2437MHz)



Channel 11 (2462MHz)

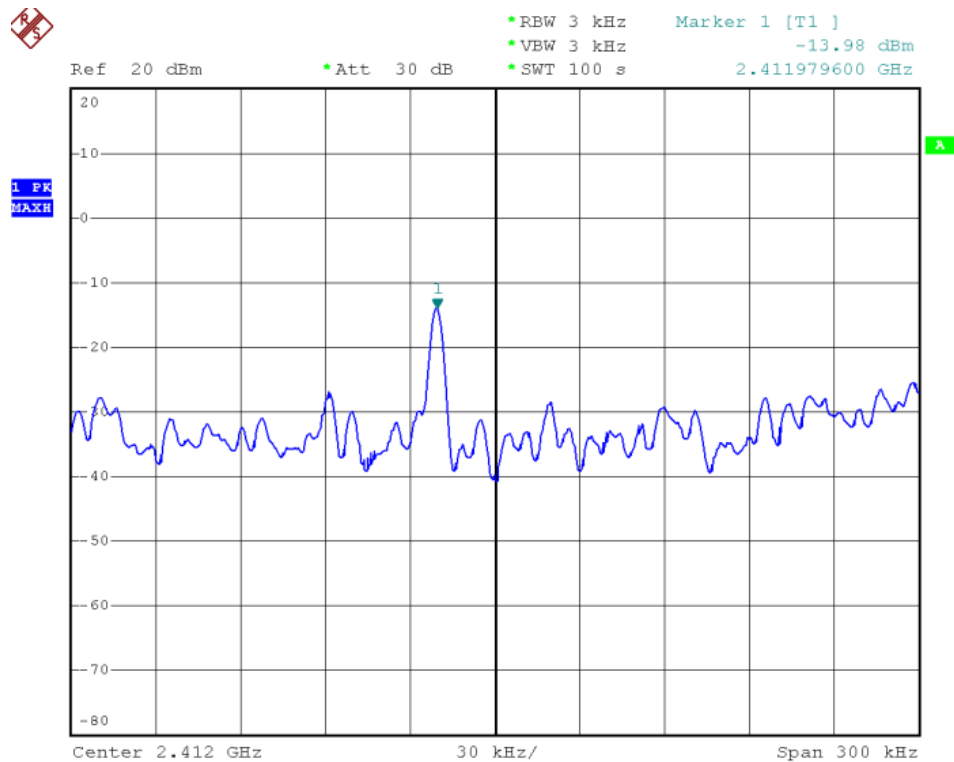




Test Item	Power Spectral Density
Test Mode	Mode 3: Transmit by 802.11n (20MHz) (An0)
Test Date	2010-10-08

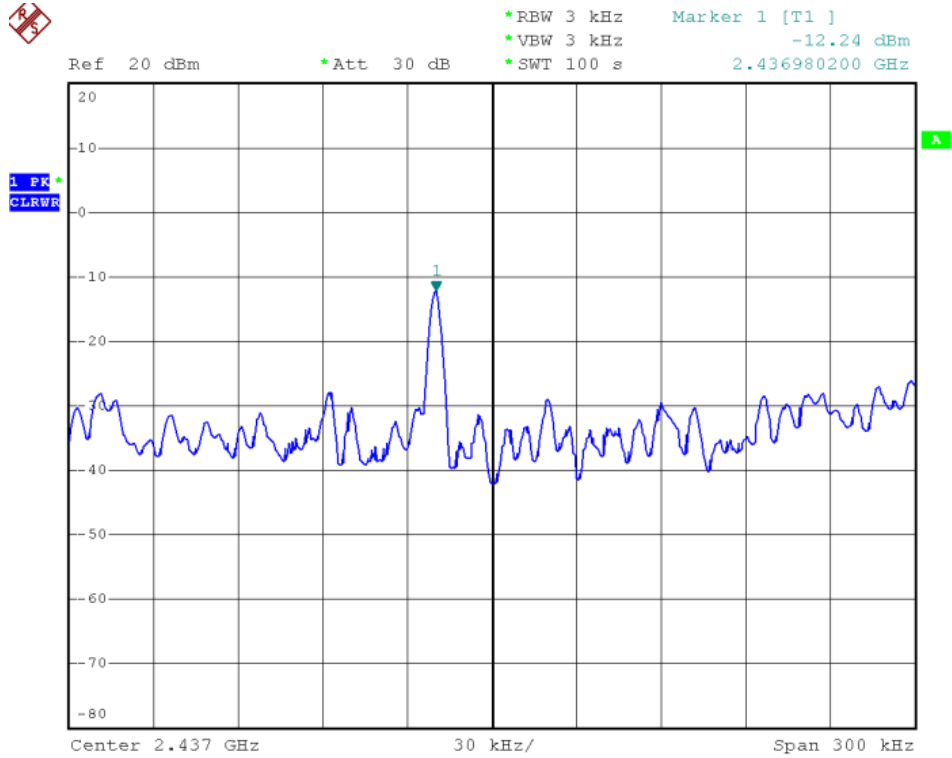
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-13.98	8	Pass
06	2437	-12.24	8	Pass
11	2462	-14.25	8	Pass

Channel 01 (2412MHz)

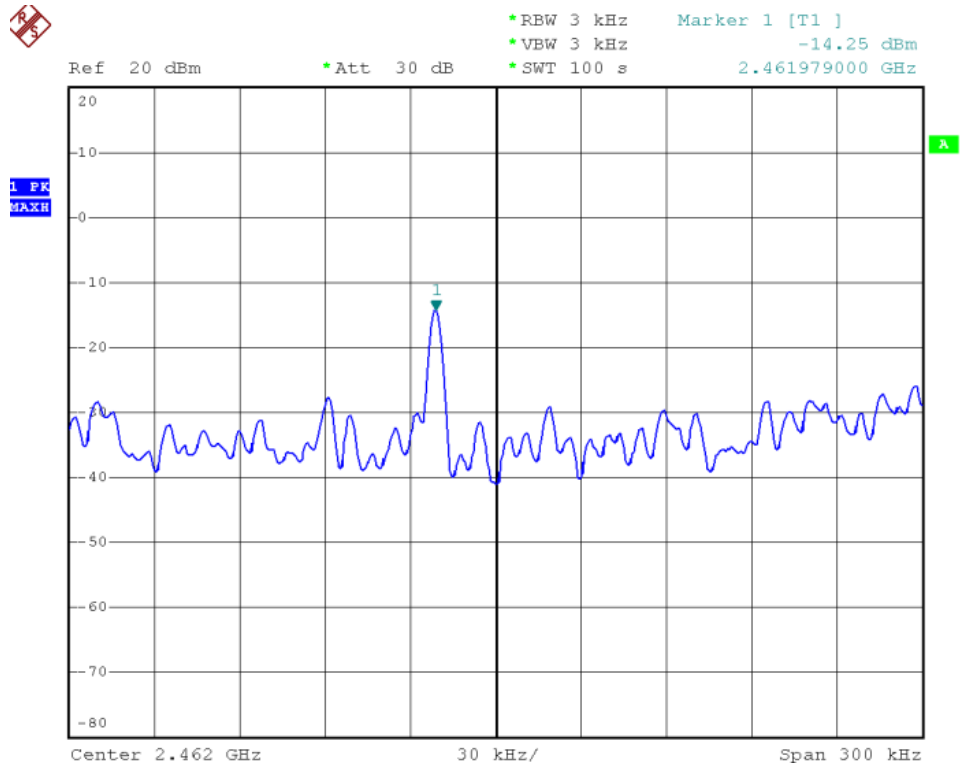




Channel 06 (2437MHz)



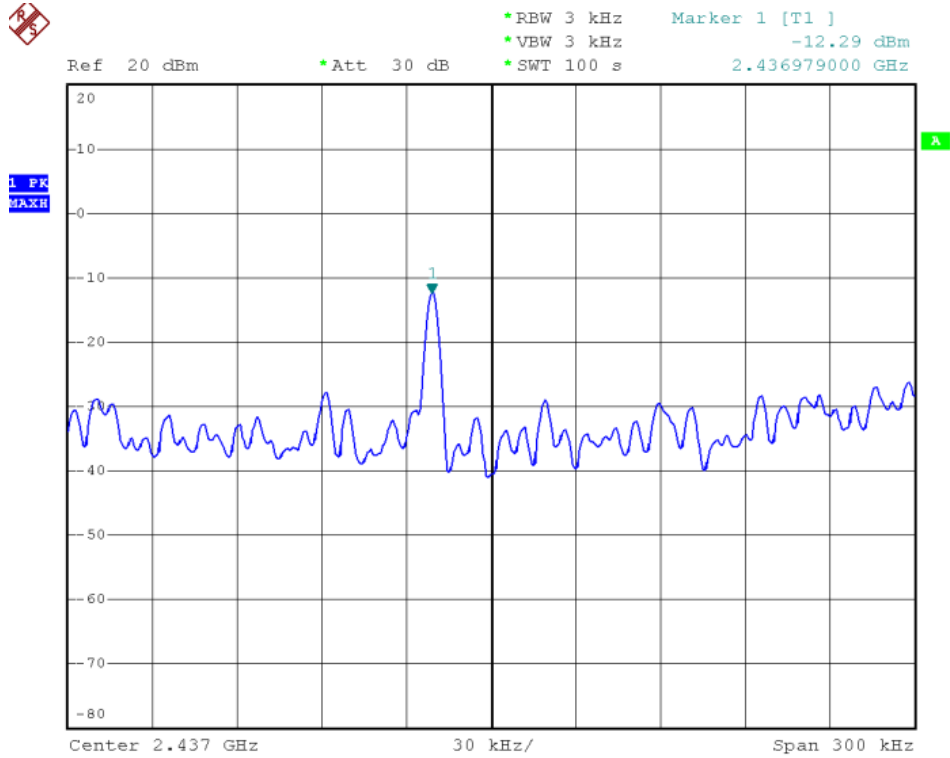
Channel 11 (2462MHz)



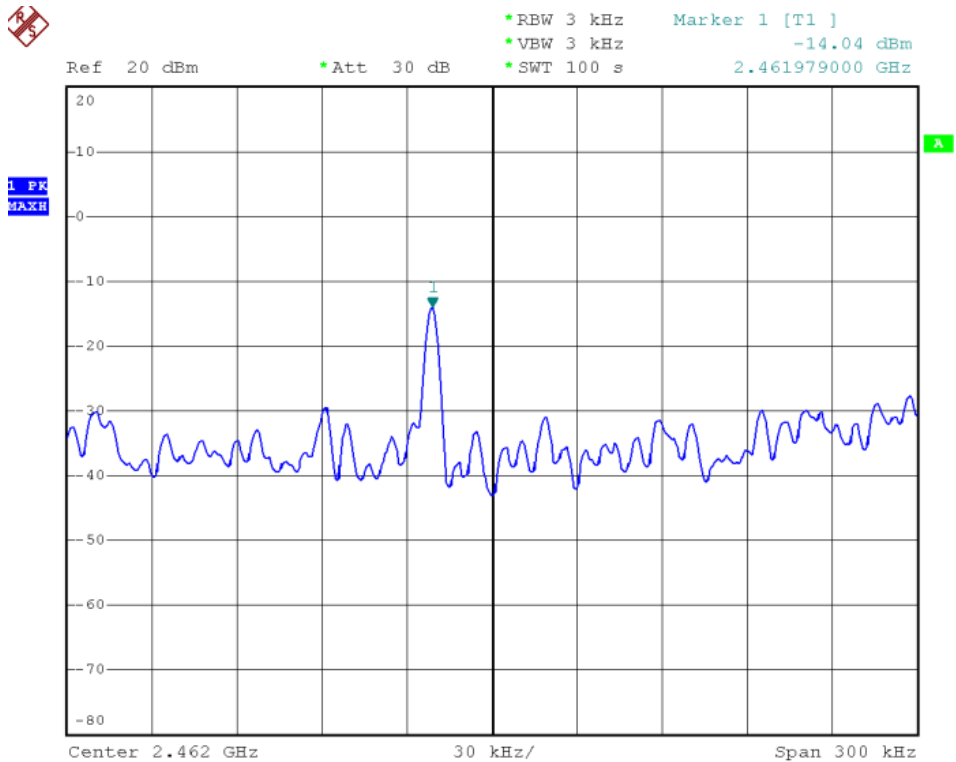




Channel 06 (2437MHz)



Channel 11 (2462MHz)

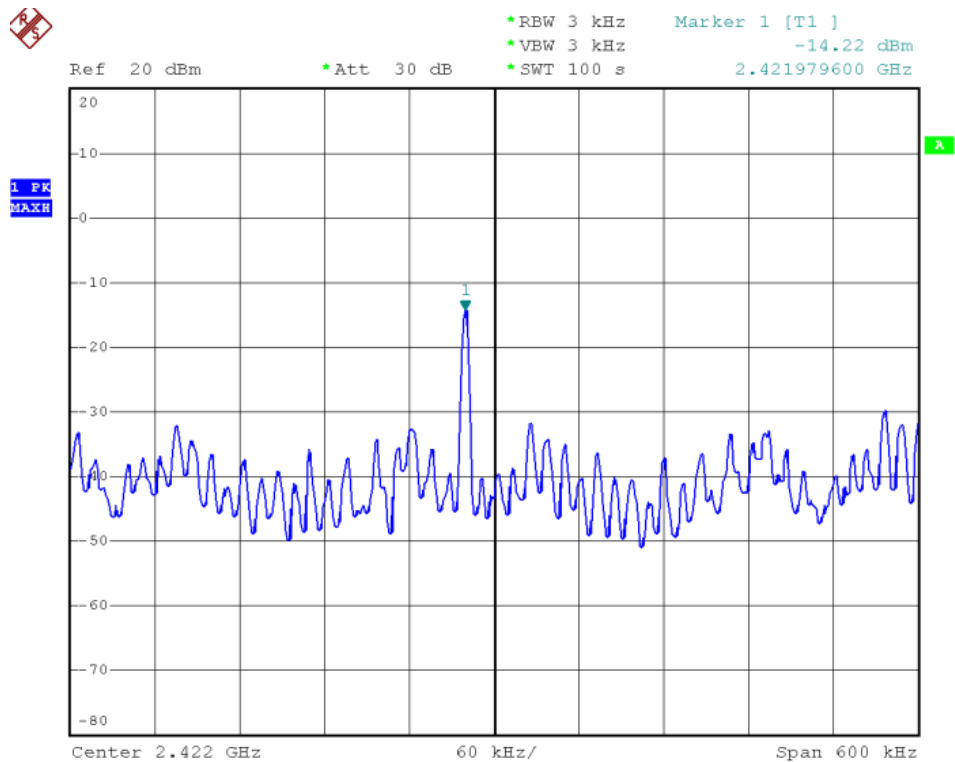




Test Item	Power Spectral Density
Test Mode	Mode 4: Transmit by 802.11n (40MHz) (An0)
Test Date	2010-10-08

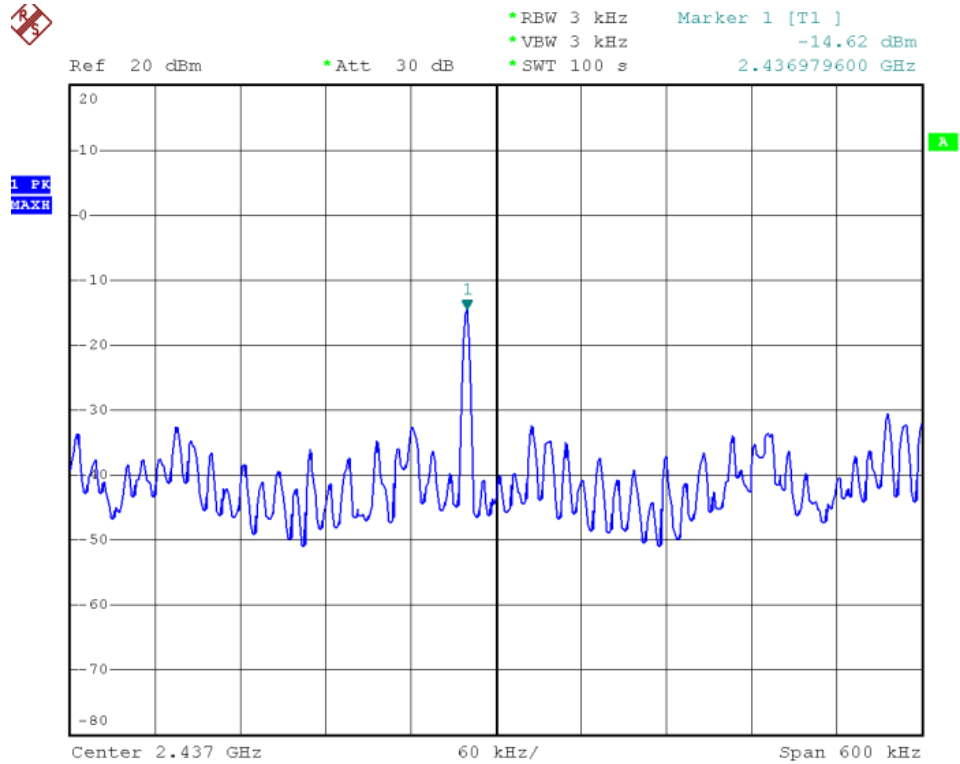
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
03	2422	-14.22	8	Pass
06	2437	-14.62	8	Pass
09	2452	-15.20	8	Pass

Channel 03 (2422MHz)

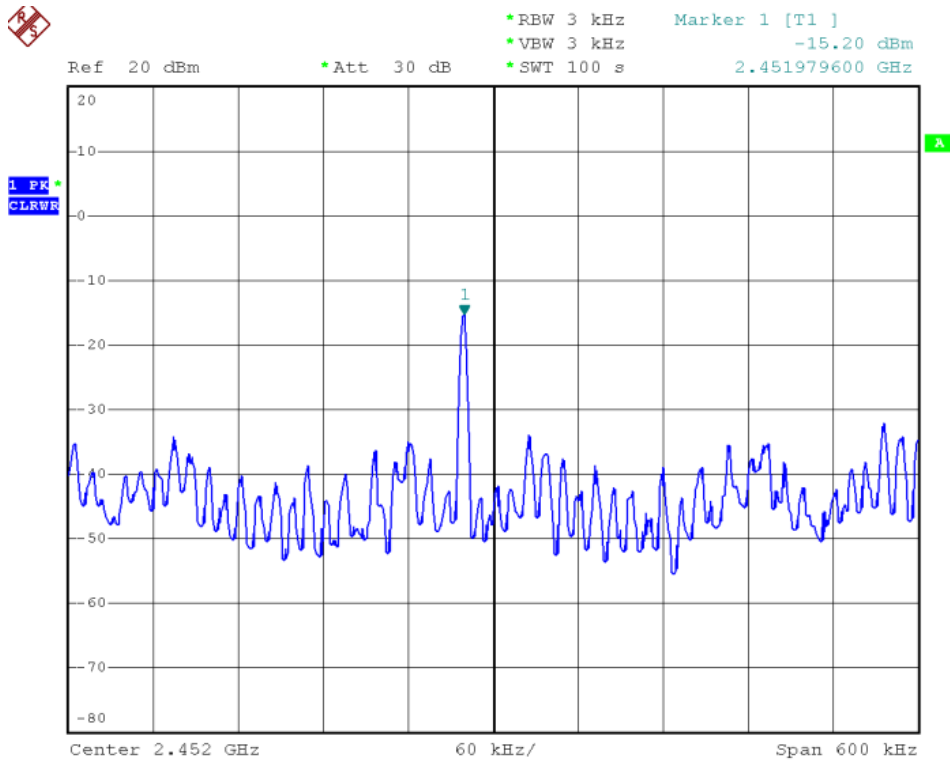




Channel 06 (2437MHz)



Channel 09 (2452MHz)

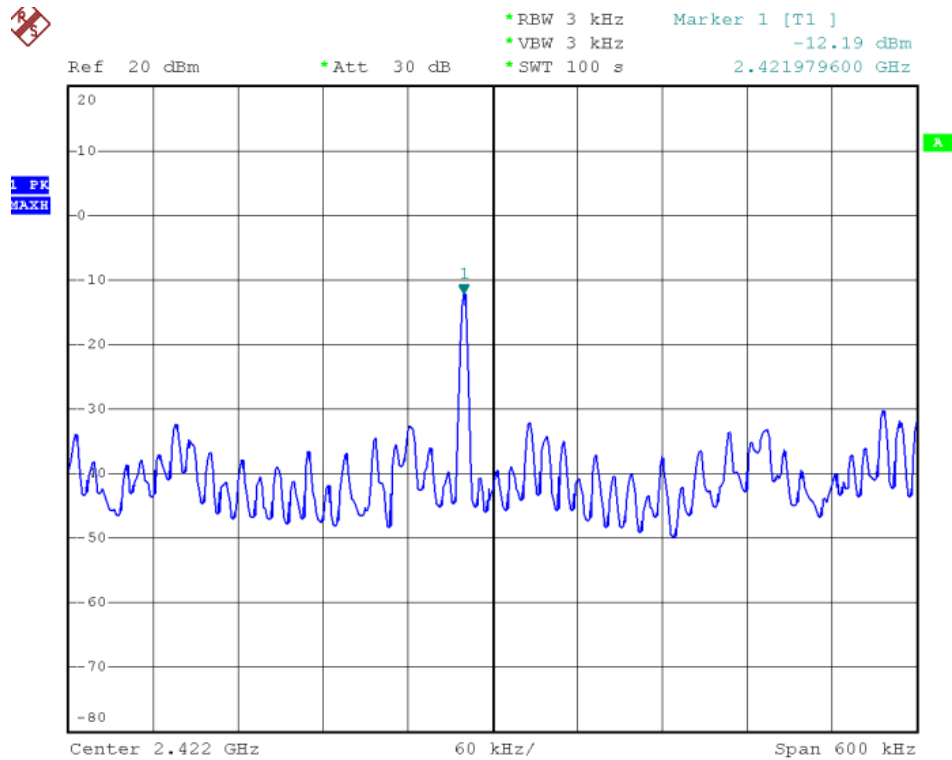




Test Item	Power Spectral Density
Test Mode	Mode 4: Transmit by 802.11n (40MHz) (An1)
Test Date	2010-10-08

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
03	2422	-12.19	8	Pass
06	2437	-12.35	8	Pass
09	2452	-13.02	8	Pass

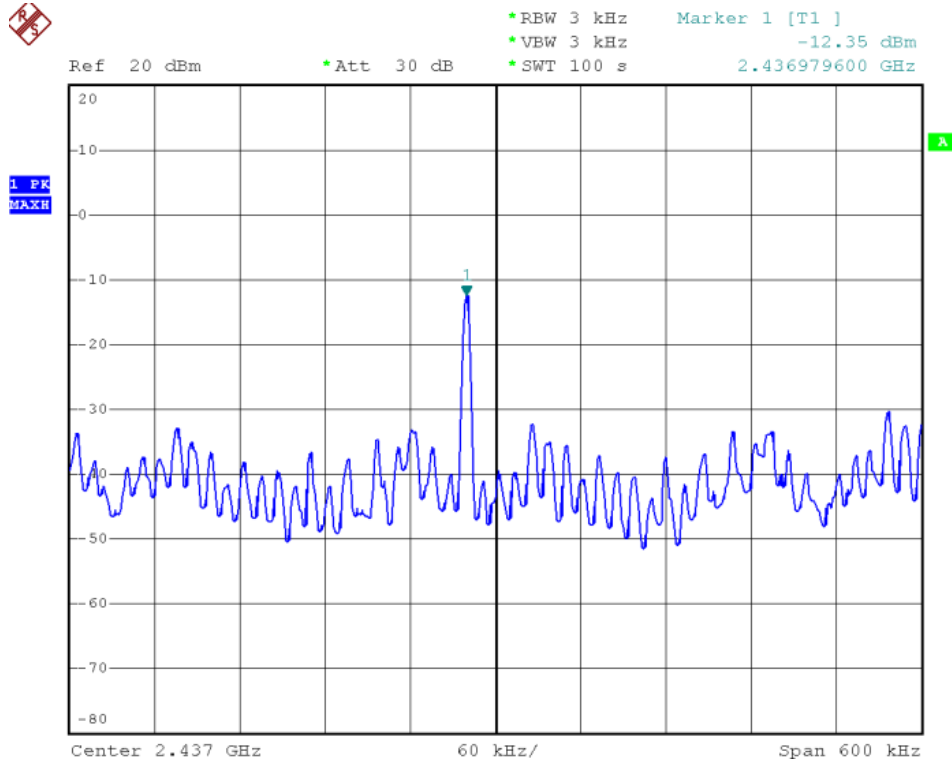
Channel 03 (2422MHz)







Channel 06 (2437MHz)



Channel 09 (2452MHz)

