



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 Dual ADSL 2+ 4-port Gateway
Model No.	:	P-664HN-T1
FCC ID	:	I88P664HNT1

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Table of Contents

1. Report of Measurements and Examinations.....	6
2. Test Configuration of Equipment under Test.....	7
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
3. Test of Conducted Emission	12
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
4. Test of Radiated Emission.....	19
4.1. Test Limit.....	19
4.2. Test Procedures.....	19
4.3. Typical Test Setup.....	20
4.4. Measurement Equipment	21
4.5. Test Result and Data	22
5. Occupied Bandwidth	154
5.1. Test Limit.....	154
5.2. Test Procedures.....	154
5.3. Test Setup Layout.....	154
5.4. Measurement Equipment	154
5.5. Test Result and Data	155
6. Maximum Peak Output Power	167
6.1. Test Limit.....	167
6.2. Test Procedure	167
6.3. Test Setup Layout.....	168
6.4. Measurement Equipment	168
6.5. Test Result and Data	169
7. Band Edges	181
7.1. Test Limit.....	181
7.2. Test Procedure	181
7.3. Test Setup Layout.....	182
7.4. Measurement Equipment	182
7.5. Test Result and Data	183
8. RF Antenna Conducted Spurious	221
8.1. Test Limit.....	221



8.2.	Test Procedure	221
8.3.	Test Setup Layout.....	221
8.4.	Measurement Equipment	221
8.5.	Test Result and Data	222
9.	Power Spectral Density.....	234
9.1.	Test Limit.....	234
9.2.	Test Procedure	234
9.3.	Test Setup Layout.....	234
9.4.	Measurement Equipment	234
9.5.	Test Result and Data	235



Document history

Attachment No.	Date	Description
SEFI1008045	Aug 30, 2010	First issue



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Equipment : 802.11n Dual ADSL 2+ 4-port Gateway

Model No. : P-664HN-T1

FCC ID : I88P664HNT1

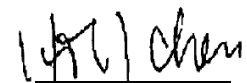
I HEREBY CERTIFY THAT :

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 Aug 30, 2010 at **CerpPASS Technology Corp.**

Documented By:

Approved By:


Sophie Li/ 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 Dual ADSL 2+ 4-port Gateway	Model No:	P-664HN-T1
Adapter 1#	Manufacturer:	DVE
	Model No.:	DSA-12G-12 FUS 120120
	Input:	100-240V~ 50/60Hz 0.3A
	Output:	12V $\overline{\text{---}}$ 1.0A
Power supply cable	Non-Shielded, 1.5m	
Adapter 2#	Manufacturer:	DVE
	Model No.:	DSA-12G-12 FUK 120120
	Input:	100-240V~ 50/60Hz 0.3A
	Output:	12V $\overline{\text{---}}$ 1.0A
Power supply cable	Non-Shielded, 1.5m	
Adapter 3#	Manufacturer:	DVE
	Model No.:	DSA-12G-12 FEU 120120
	Input:	100-240V~ 50/60Hz 0.3A
	Output:	12V $\overline{\text{---}}$ 1.0A
Power supply cable	Non-Shielded, 1.5m	

WLAN	Ralink/RT3092L
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	Dipole antenna
Antenna Gain	Ant0: FX01X49-AH-EF/3.0dBi; Ant1: FX01Z46-AH-EF/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

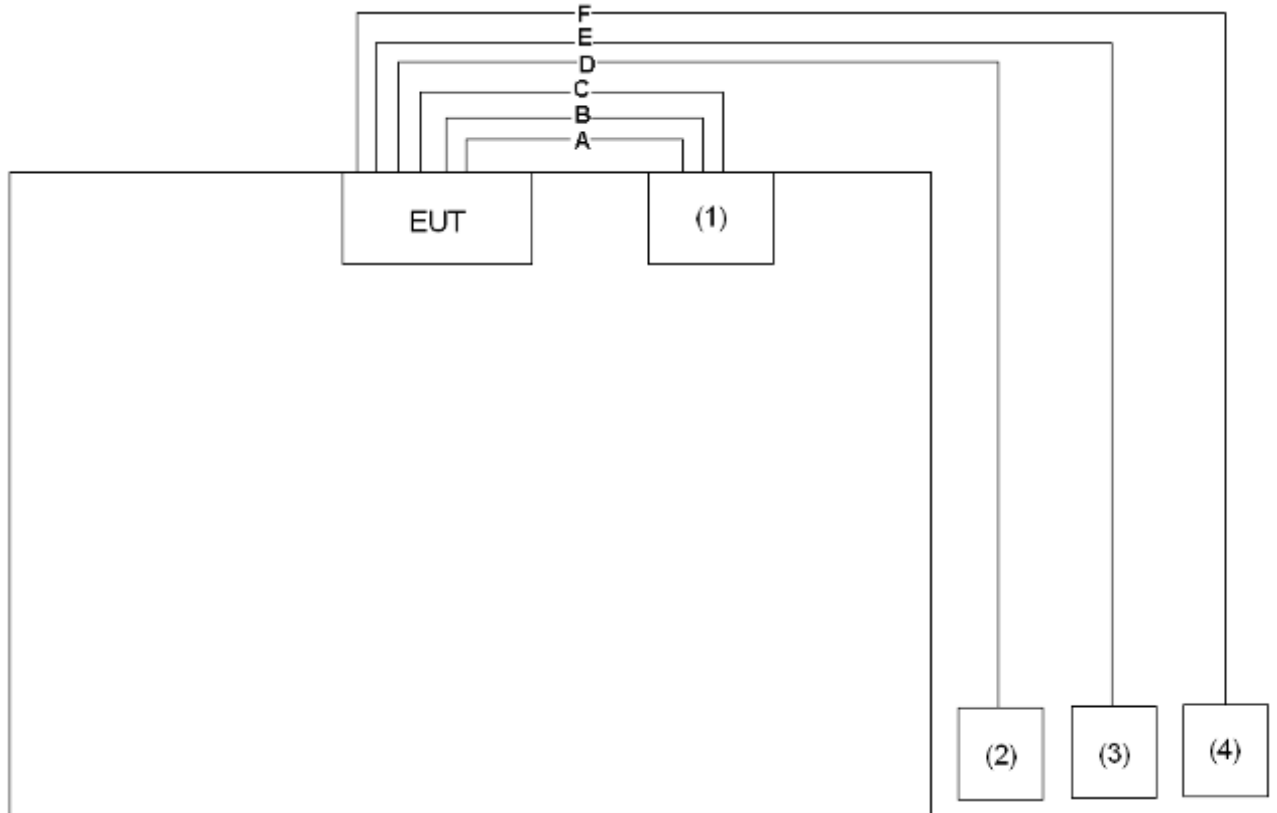
Test Manner	
a	During testing, the interface cables and equipment positions were varied according to 47 CFR, Part 2, Part 15
b	Connect the HUB, Notebook, IP Express, Program-Control Telephone Exchange and EUT.
c	Adjust the EUT at the test mode and the test channel. Then test.
The test modes:	
	Mode 1: 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	IP Express	ASKEY	N/A	N/A
3	Notebook	ASUS	W6A	Power by adaptor
4	Program-Control Telephone Exchange	DLT	TC-108H	N/A



2.5. Connection Diagram of Test System



Use Cable

Item	Cable	Quantity	Description
A	LAN Cable	1	Non-Shielded, 3m
B	LAN Cable	1	Non-Shielded, 3m
C	LAN Cable	1	Non-Shielded, 3m
D	Telephone Cable	1	Non-Shielded, >10m
E	LAN Cable	1	Non-Shielded, >10m
F	Telephone Cable	1	Non-Shielded, >10m

**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 μ V)	Average (dB μ 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)

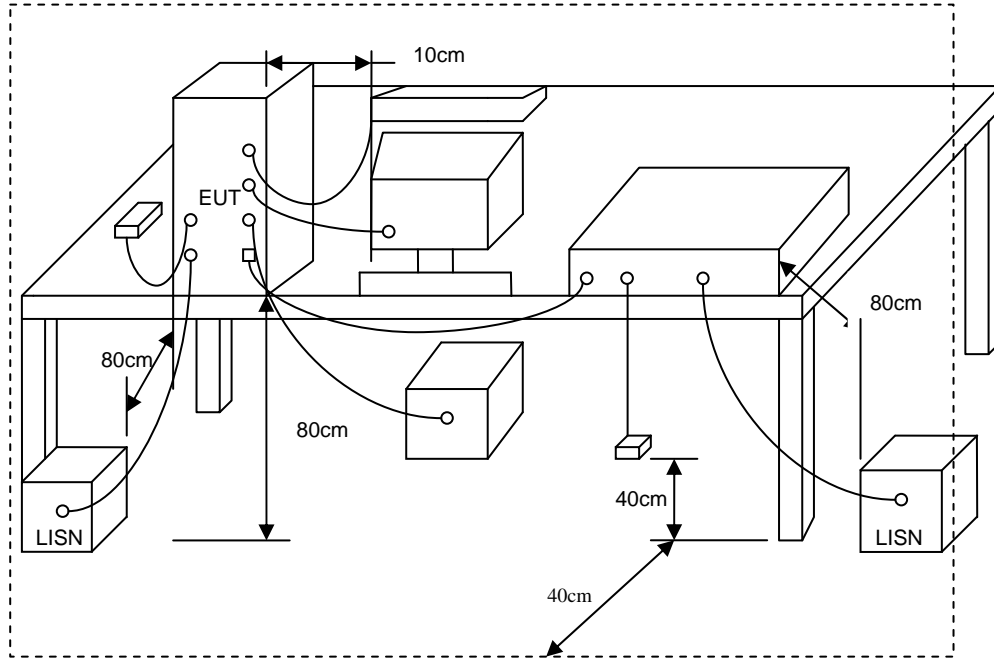
Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

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



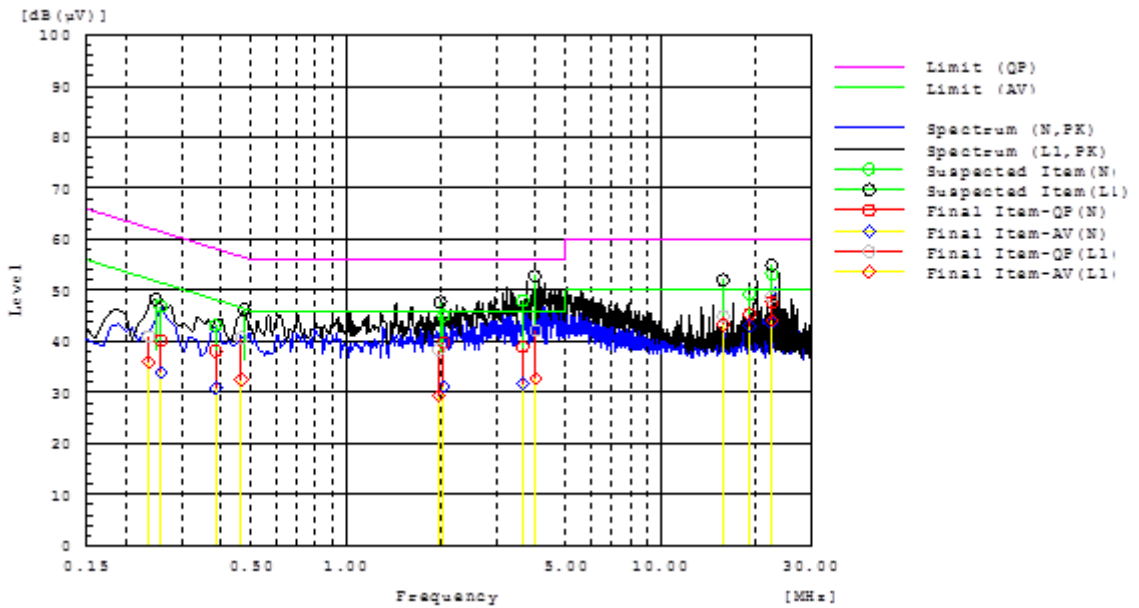
3.4. Measurement Equipment

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date
EMC Emission Tester	EMCPARTNER	Harmonics-1000	159	2009.09.08
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	2009.10.19



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:	2010/08/24

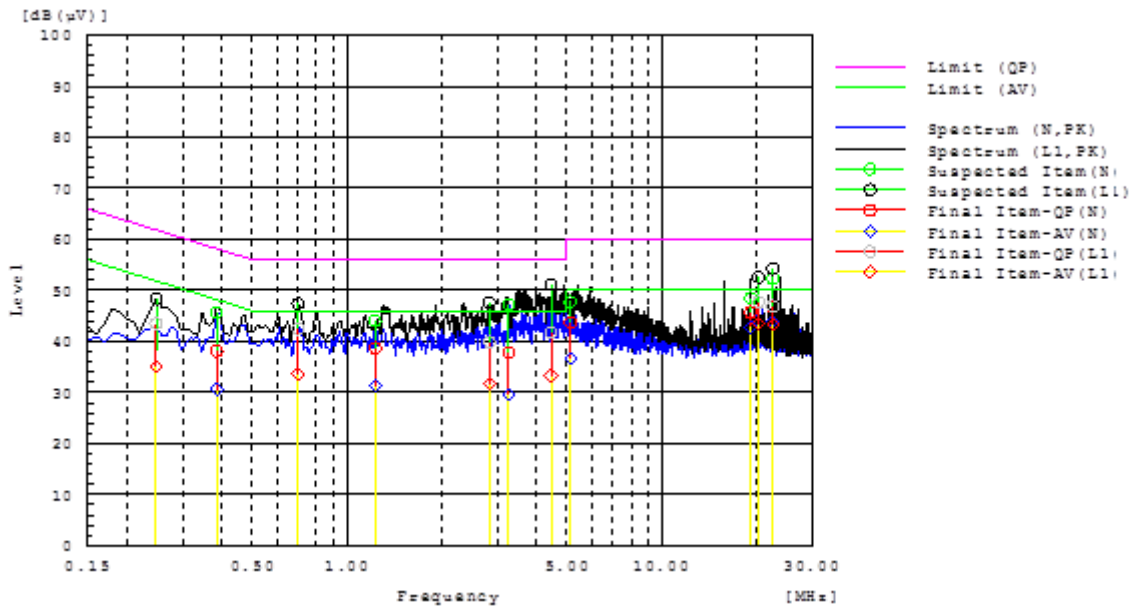


Frequency MHz	Line Phase	Reading dB(uV) QP	Reading dB(uV) AV	Factor dB	Level dB(uV) QP	Level dB(uV) AV	Limit dB(uV) QP	Limit dB(uV) AV	Margin dB QP	Margin dB AV	Pass/Fail
0.23594	L1	21.1	16.1	19.9	41.0	36.0	62.2	52.2	21.2	16.2	Pass
0.46477	L1	20.8	12.6	19.9	40.7	32.5	56.6	46.6	15.9	14.1	Pass
1.96827	L1	18.7	9.6	19.7	38.4	29.3	56.0	46.0	17.6	16.7	Pass
4.00381	L1	22.5	13.1	19.7	42.2	32.8	56.0	46.0	13.8	13.2	Pass
22.5216	L1	29.1	24.5	19.6	48.7	44.1	60.0	50.0	11.3	5.9	Pass
15.7664	L1	25.1	23.5	19.8	44.9	43.3	60.0	50.0	15.1	6.7	Pass
0.25783	N	20.7	14.4	19.5	40.2	33.9	61.5	51.5	21.3	17.6	Pass
3.63783	N	19.3	12.1	19.6	38.9	31.7	56.0	46.0	17.1	14.3	Pass
22.5653	N	27.8	23.7	19.9	47.7	43.6	60.0	50.0	12.3	6.4	Pass
19.1716	N	25.4	23.0	20.0	45.4	43.0	60.0	50.0	14.6	7.0	Pass
2.04097	N	20.2	11.6	19.5	39.7	31.1	56.0	46.0	16.3	14.9	Pass
0.38526	N	18.6	11.4	19.5	38.1	30.9	58.2	48.2	20.1	17.3	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:	2010/08/24

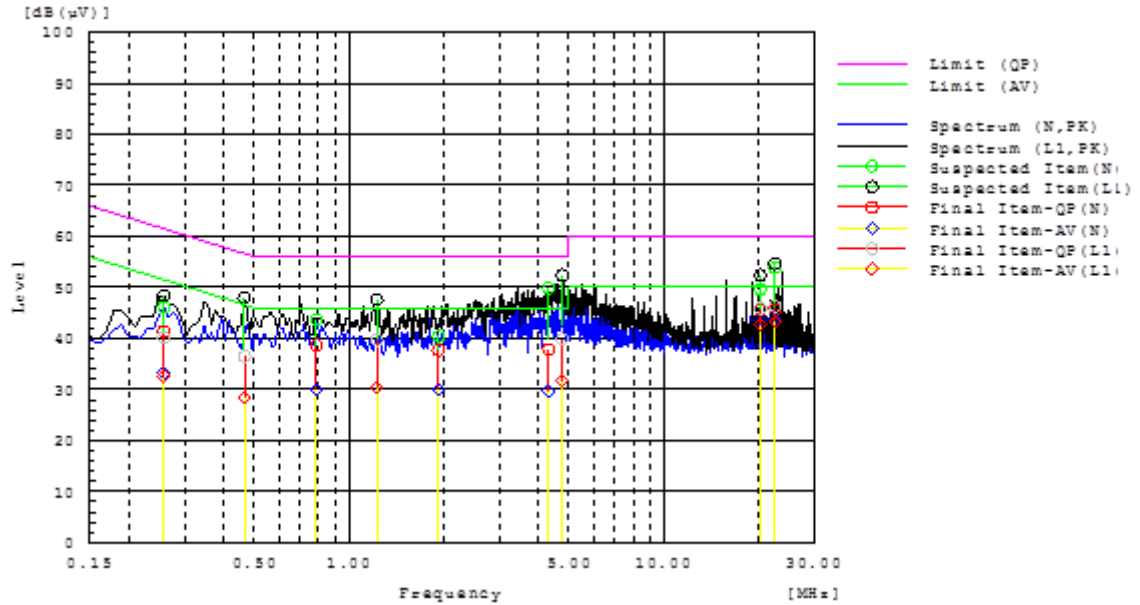


Frequency MHz	Line Phase	Reading dB(uV) QP	Reading dB(uV) AV	Factor dB	Level dB(uV) QP	Level dB(uV) AV	Limit dB(uV) QP	Limit dB(uV) AV	Margin dB QP	Margin dB AV	Pass/Fail
0.24735	L1	23.6	15.2	19.9	43.5	35.1	61.8	51.8	18.3	16.7	Pass
0.69832	L1	22.7	13.8	19.8	42.5	33.6	56.0	46.0	13.5	12.4	Pass
2.83456	L1	20.2	12.1	19.7	39.9	31.8	56.0	46.0	16.1	14.2	Pass
4.45102	L1	22.0	13.6	19.7	41.7	33.3	56.0	46.0	14.3	12.7	Pass
20.2624	L1	28.1	24.0	19.6	47.7	43.6	60.0	50.0	12.3	6.4	Pass
22.536	L1	27.3	23.7	19.6	46.9	43.3	60.0	50.0	13.1	6.7	Pass
0.38526	N	18.6	11.1	19.5	38.1	30.6	58.2	48.2	20.1	17.6	Pass
1.22786	N	19.3	12.0	19.4	38.7	31.4	56.0	46.0	17.3	14.6	Pass
3.26563	N	18.3	10.1	19.6	37.9	29.7	56.0	46.0	18.1	16.3	Pass
5.1223	N	24.0	16.9	19.7	43.7	36.6	60.0	50.0	16.3	13.4	Pass
19.1343	N	25.7	22.9	20.0	45.7	42.9	60.0	50.0	14.3	7.1	Pass
22.532	N	26.9	24.0	19.9	46.8	43.9	60.0	50.0	13.2	6.1	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:	2010/08/24

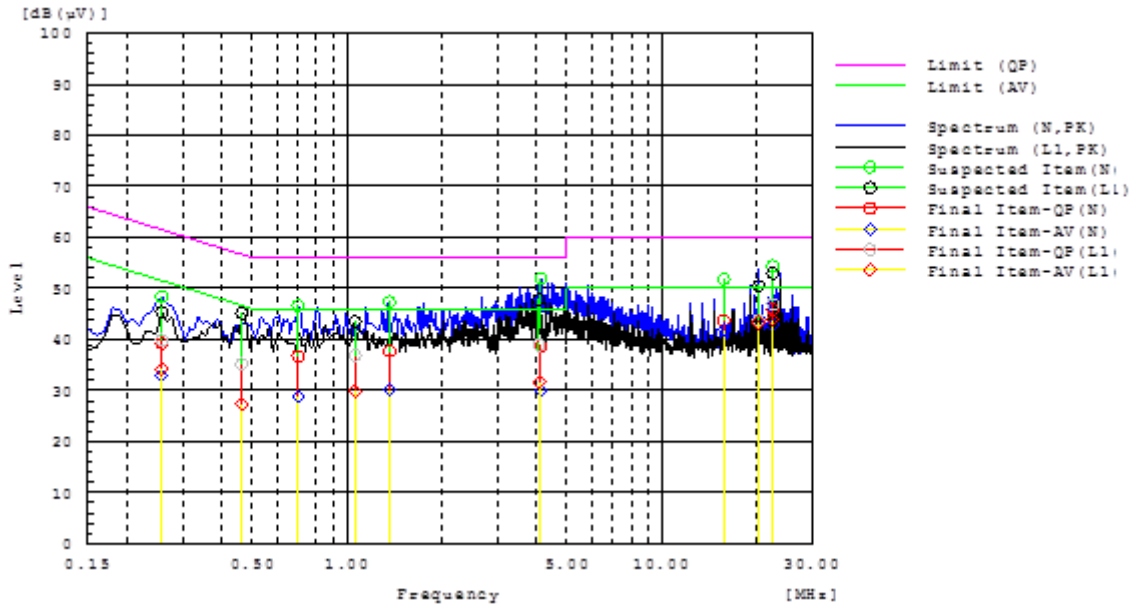


Frequency MHz	Line Phase	Reading dB(uV) QP	Reading dB(uV) AV	Factor dB	Level dB(uV) QP	Level dB(uV) AV	Limit dB(uV) QP	Limit dB(uV) AV	Margin dB QP	Margin dB AV	Pass/Fail
0.4656	L1	16.6	8.4	19.9	36.5	28.3	56.6	46.6	20.1	18.3	Pass
4.75443	L1	20.2	12.0	19.7	39.9	31.7	56.0	46.0	16.1	14.3	Pass
22.545	L1	26.7	23.7	19.6	46.3	43.3	60.0	50.0	13.7	6.7	Pass
20.2626	L1	26.3	23.1	19.6	45.9	42.7	60.0	50.0	14.1	7.3	Pass
1.22783	L1	20.0	10.6	19.7	39.7	30.3	56.0	46.0	16.3	15.7	Pass
0.25789	L1	20.3	12.7	19.9	40.2	32.6	61.5	51.5	21.3	18.9	Pass
0.25786	N	21.9	13.7	19.5	41.4	33.2	61.5	51.5	20.1	18.3	Pass
0.7876	N	19.2	10.6	19.5	38.7	30.1	56.0	46.0	17.3	15.9	Pass
4.30403	N	18.3	10.1	19.6	37.9	29.7	56.0	46.0	18.1	16.3	Pass
22.546	N	25.8	24.0	19.9	45.7	43.9	60.0	50.0	14.3	6.1	Pass
20.2634	N	25.7	23.5	20.0	45.7	43.5	60.0	50.0	14.3	6.5	Pass
1.92356	N	18.2	10.4	19.5	37.7	29.9	56.0	46.0	18.3	16.1	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:	2010/08/24



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
0.4625	L1	15.3	7.4	19.9	35.2	27.3	56.6	46.6	21.4	19.3	Pass
4.073	L1	19.2	12.0	19.7	38.9	31.7	56.0	46.0	17.1	14.3	Pass
22.556	L1	27.3	24.3	19.6	46.9	43.9	60.0	50.0	13.1	6.1	Pass
20.2623	L1	24.1	23.7	19.6	43.7	43.3	60.0	50.0	16.3	6.7	Pass
1.06124	L1	17.2	10.2	19.7	36.9	29.9	56.0	46.0	19.1	16.1	Pass
0.25783	L1	20.0	14.3	19.9	39.9	34.2	61.5	51.5	21.6	17.3	Pass
0.25783	N	19.7	13.4	19.5	39.2	32.9	61.5	51.5	22.3	18.6	Pass
0.69873	N	17.2	9.3	19.5	36.7	28.8	56.0	46.0	19.3	17.2	Pass
4.12769	N	19.1	10.5	19.6	38.7	30.1	56.0	46.0	17.3	15.9	Pass
22.553	N	26.0	22.9	19.9	45.9	42.8	60.0	50.0	14.1	7.2	Pass
15.7379	N	23.8	22.0	19.9	43.7	41.9	60.0	50.0	16.3	8.1	Pass
1.36501	N	18.2	10.6	19.5	37.7	30.1	56.0	46.0	18.3	15.9	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 (μ V / M)	Radiated (dB μ 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 μ 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



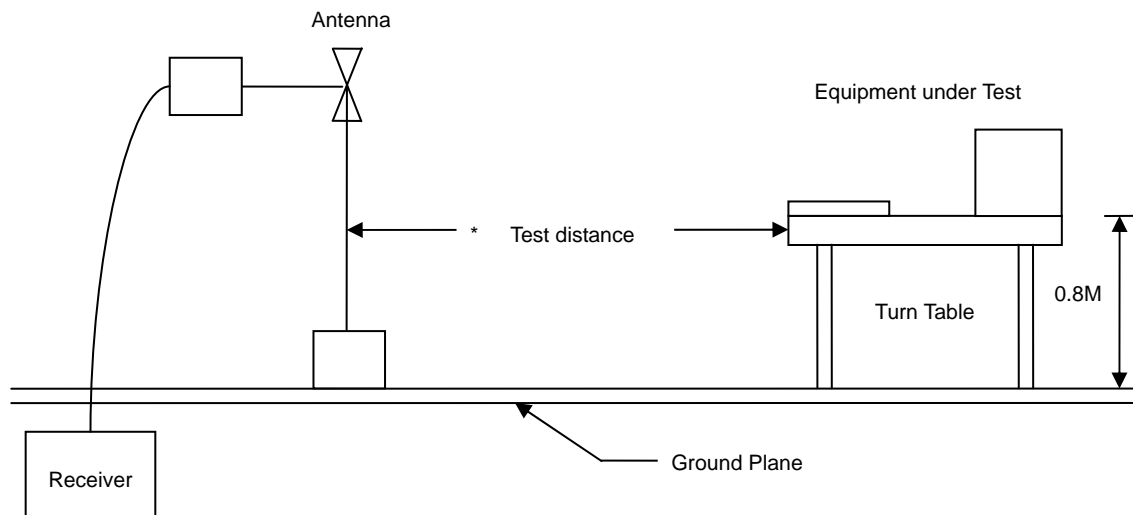
bandwidth is set to 1MHz for peak measurements and 10Hz for average measurements.

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

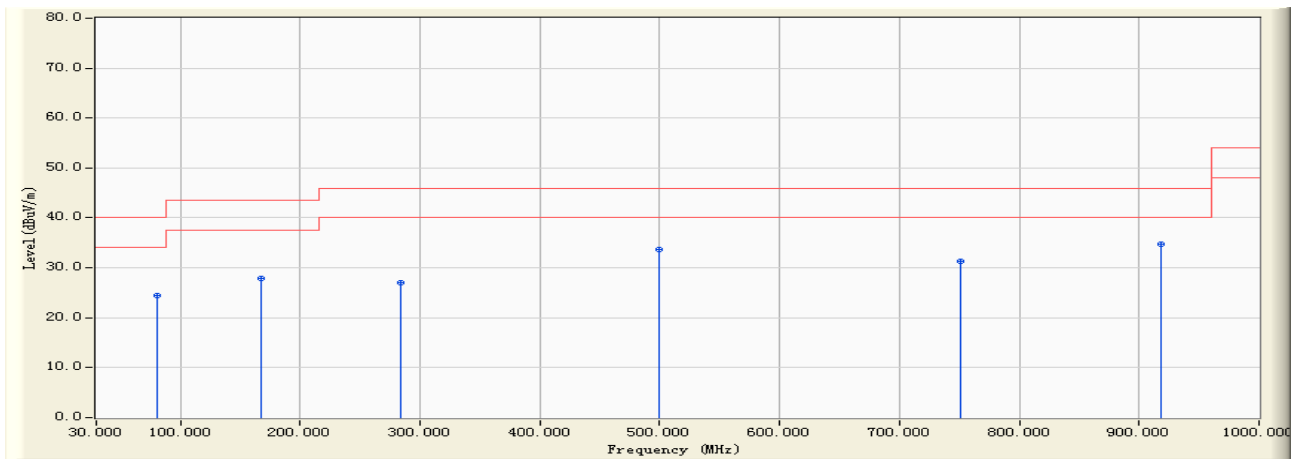
Instrument	Model No.	Manufacturer	Serial No.	Calibration Date
EMI Test Receiver	R&S	ESCI	100563	2010.06.23
H64 Amplifier	HP	8447F	3113A05582	2009.12.01
Preamplifier	Agilent	8449B	ED-HE-EMI-077	2010.02.10
Preamplifier	Agilent	8449B	3008A02342	2010.02.10
Ultra Broadband Antenna	R&S	HL562	100362	2009.11.25
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	2009.11.02
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2009.10.19



4.5. Test Result and Data

Under 1G:

Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/23 - 17:33
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2412MHz)



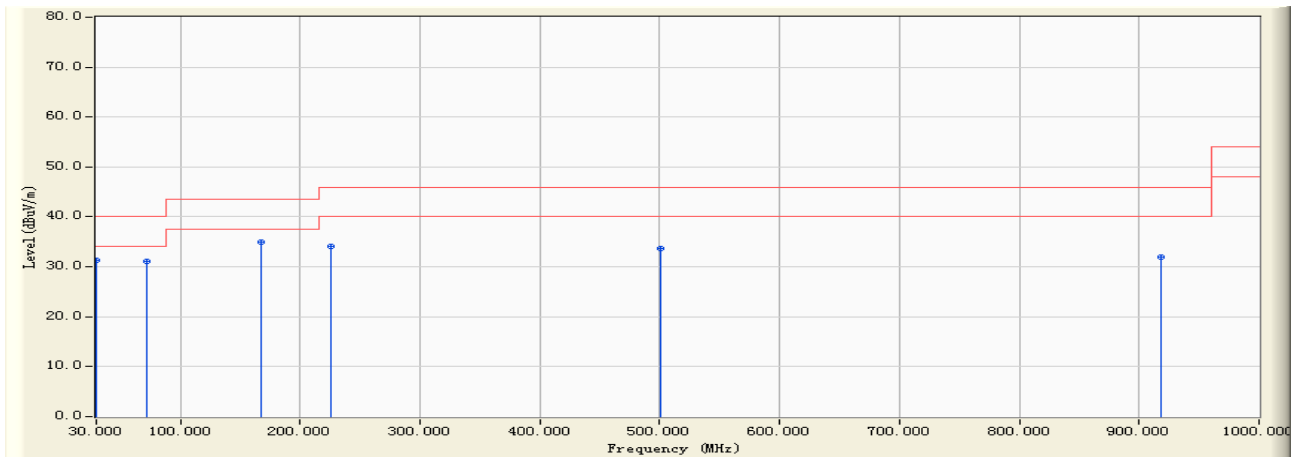
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		80.630	-18.137	42.580	24.443	-15.557	40.000	QUASIPeAK
2		167.350	-17.605	45.420	27.815	-15.685	43.500	QUASIPeAK
3		283.670	-13.631	40.570	26.939	-19.061	46.000	QUASIPeAK
4		500.001	-8.875	42.580	33.705	-12.295	46.000	QUASIPeAK
5		750.630	-4.391	35.790	31.399	-14.601	46.000	QUASIPeAK
6	*	918.650	-0.655	35.420	34.765	-11.235	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 AC 102	Time : 2010/08/23 - 17:34
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2412MHz)



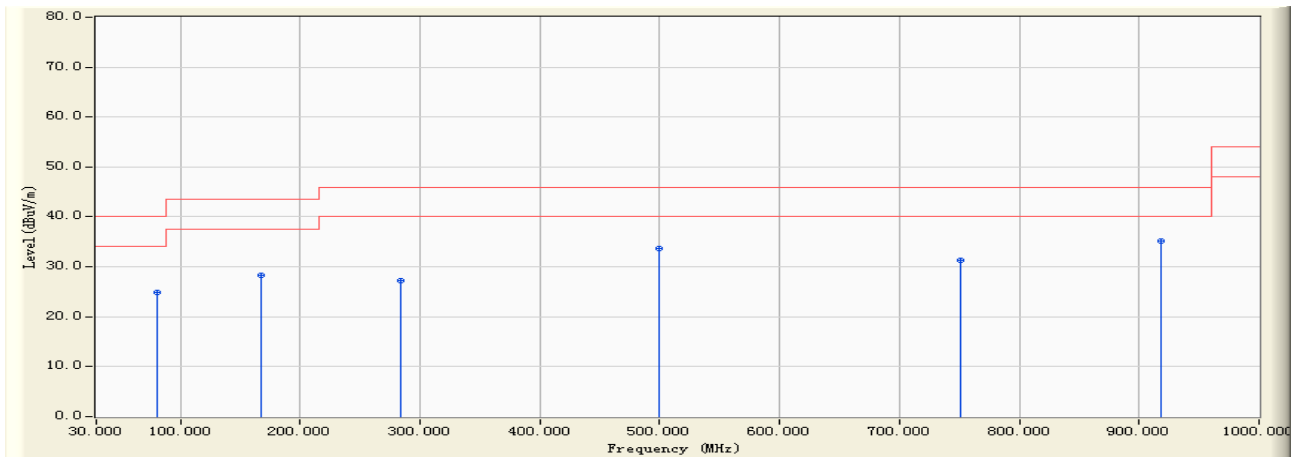
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		30.050	-7.242	38.620	31.377	-8.623	40.000	QUASIPeAK
2		72.530	-19.327	50.480	31.153	-8.847	40.000	QUASIPeAK
3	*	167.590	-17.593	52.640	35.048	-8.452	43.500	QUASIPeAK
4		225.630	-16.170	50.240	34.070	-11.930	46.000	QUASIPeAK
5		500.230	-8.869	42.570	33.701	-12.299	46.000	QUASIPeAK
6		918.560	-0.653	32.570	31.917	-14.083	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 AC 102	Time : 2010/08/23 - 17:35
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2437MHz)



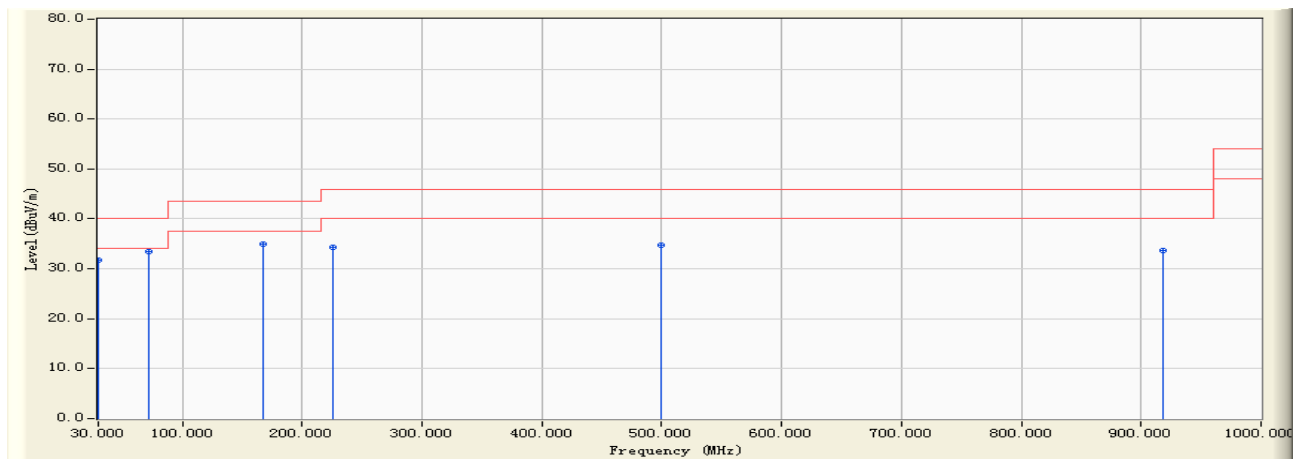
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		80.530	-18.146	42.950	24.804	-15.196	40.000	QUASPEAK
2		167.950	-17.572	45.870	28.298	-15.202	43.500	QUASPEAK
3		283.540	-13.634	40.860	27.226	-18.774	46.000	QUASPEAK
4		500.120	-8.871	42.570	33.698	-12.302	46.000	QUASPEAK
5		750.420	-4.393	35.670	31.277	-14.723	46.000	QUASPEAK
6	*	918.630	-0.655	35.840	35.186	-10.814	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 AC 102	Time : 2010/08/23 - 17:36
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2437MHz)



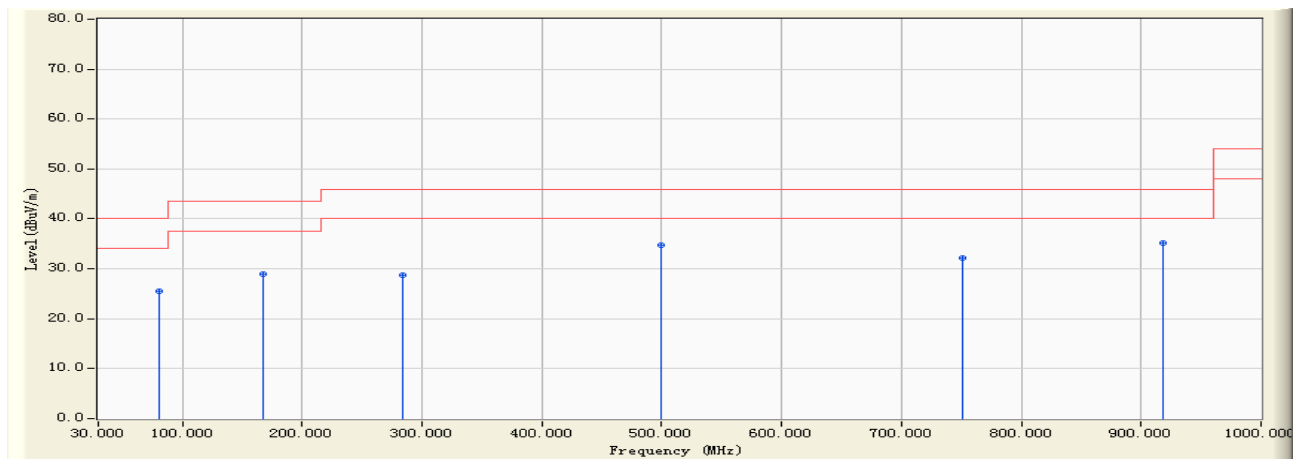
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		30.530	-7.748	39.520	31.772	-8.228	40.000	QUASIPeAK
2	*	72.580	-19.317	52.670	33.353	-6.647	40.000	QUASIPeAK
3		167.590	-17.593	52.450	34.858	-8.642	43.500	QUASIPeAK
4		225.630	-16.170	50.480	34.310	-11.690	46.000	QUASIPeAK
5		500.010	-8.875	43.520	34.646	-11.354	46.000	QUASIPeAK
6		918.630	-0.655	34.230	33.576	-12.424	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 AC 102	Time : 2010/08/23 - 17:37
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2462MHz)



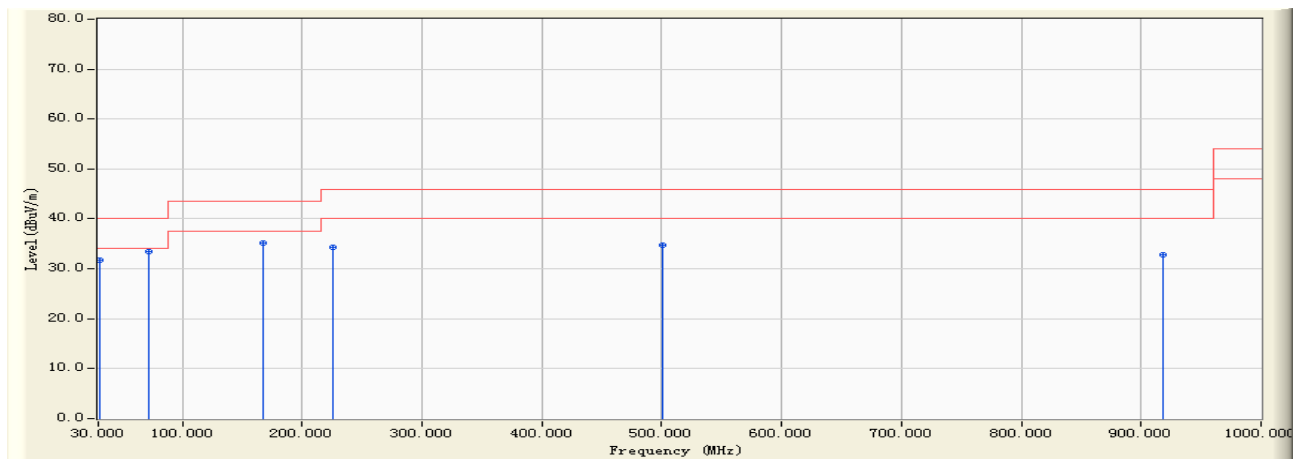
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		80.560	-18.143	43.570	25.427	-14.573	40.000	QUASIPeAK
2		167.520	-17.596	46.570	28.974	-14.526	43.500	QUASIPeAK
3		283.540	-13.634	42.350	28.716	-17.284	46.000	QUASIPeAK
4		500.060	-8.873	43.570	34.697	-11.303	46.000	QUASIPeAK
5		750.410	-4.393	36.570	32.177	-13.823	46.000	QUASIPeAK
6	*	918.630	-0.655	35.870	35.216	-10.784	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 AC 102	Time : 2010/08/23 - 17:38
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2462MHz)



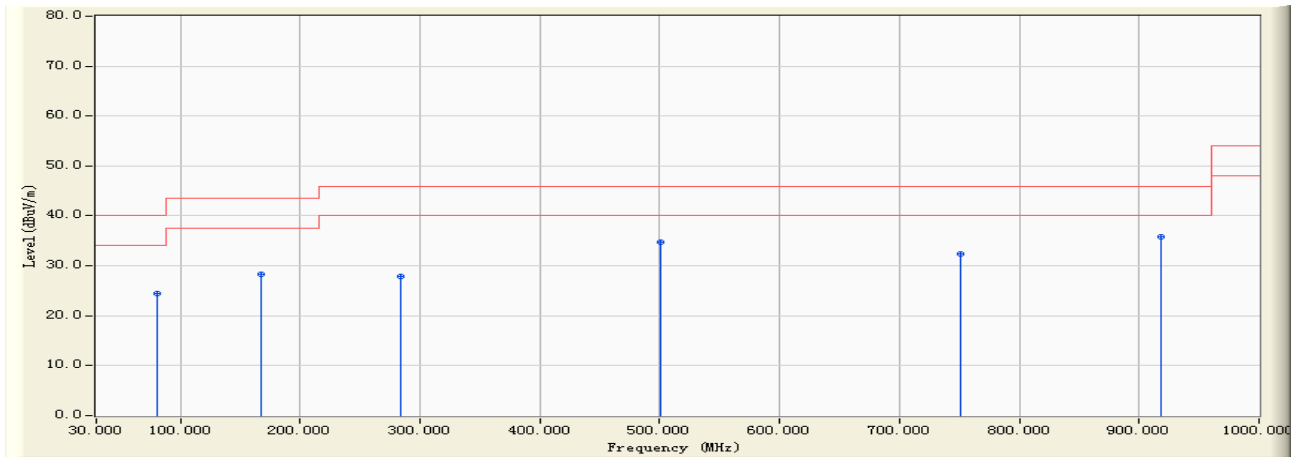
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		30.620	-7.843	39.620	31.777	-8.223	40.000	QUASIPeAK
2	*	72.390	-19.356	52.840	33.484	-6.516	40.000	QUASIPeAK
3		167.530	-17.595	52.840	35.245	-8.255	43.500	QUASIPeAK
4		225.480	-16.177	50.480	34.303	-11.697	46.000	QUASIPeAK
5		500.630	-8.860	43.570	34.710	-11.290	46.000	QUASIPeAK
6		918.370	-0.651	33.490	32.839	-13.161	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 AC 102	Time : 2010/08/23 - 17:40
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2412MHz)



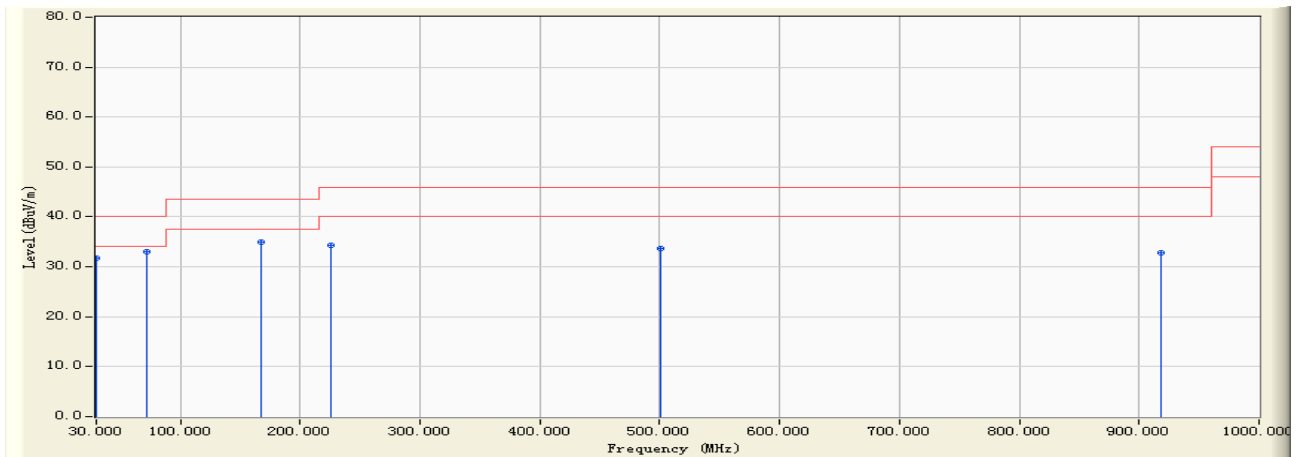
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		80.530	-18.146	42.580	24.434	-15.566	40.000	QUASIPeAK
2		167.580	-17.593	45.860	28.267	-15.233	43.500	QUASIPeAK
3		283.540	-13.634	41.580	27.946	-18.054	46.000	QUASIPeAK
4		500.140	-8.871	43.570	34.699	-11.301	46.000	QUASIPeAK
5		750.540	-4.392	36.850	32.458	-13.542	46.000	QUASIPeAK
6	*	918.630	-0.655	36.570	35.916	-10.084	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 AC 102	Time : 2010/08/23 - 17:41
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2412MHz)



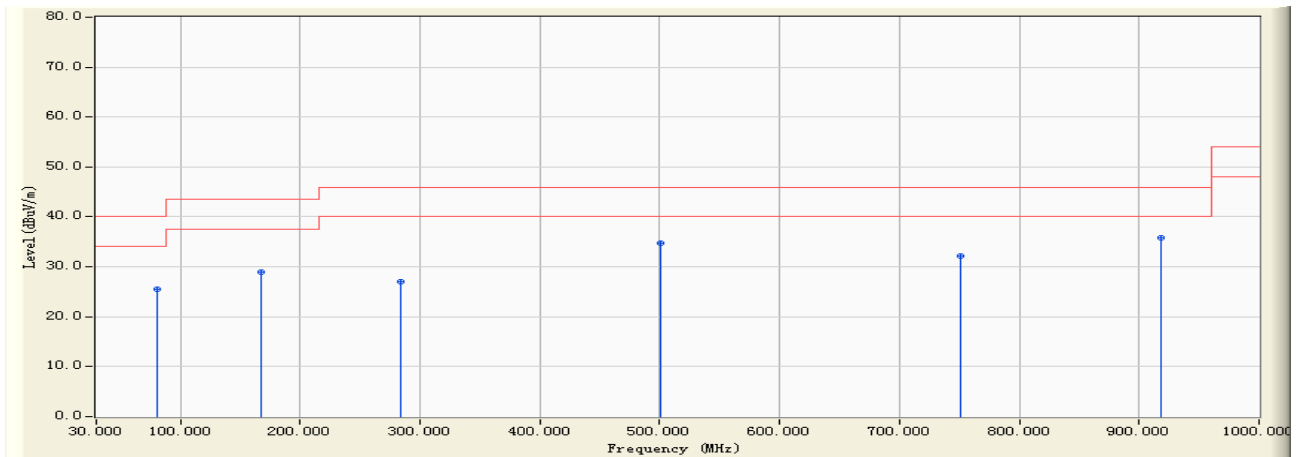
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		30.520	-7.738	39.540	31.803	-8.197	40.000	QUASIPeAK
2	*	71.630	-19.512	52.470	32.958	-7.042	40.000	QUASIPeAK
3		167.530	-17.595	52.480	34.885	-8.615	43.500	QUASIPeAK
4		225.480	-16.177	50.470	34.293	-11.707	46.000	QUASIPeAK
5		500.320	-8.867	42.580	33.713	-12.287	46.000	QUASIPeAK
6		918.560	-0.653	33.570	32.917	-13.083	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 AC 102	Time : 2010/08/23 - 17:42
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2437MHz)



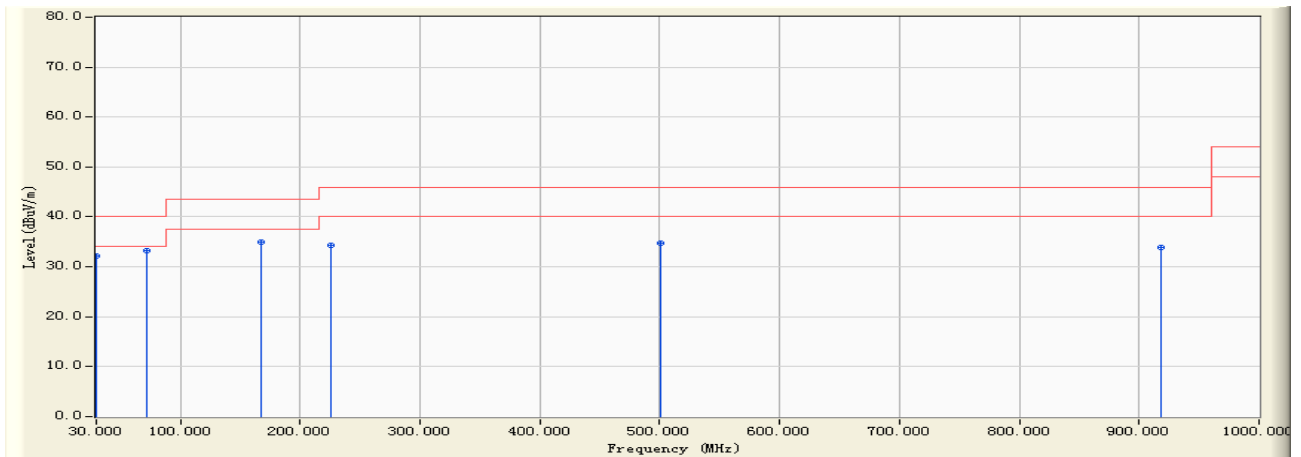
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		80.630	-18.137	43.570	25.433	-14.567	40.000	QUASIPeAK
2		167.530	-17.595	46.520	28.925	-14.575	43.500	QUASIPeAK
3		283.690	-13.631	40.580	26.949	-19.051	46.000	QUASIPeAK
4		500.630	-8.860	43.510	34.650	-11.350	46.000	QUASIPeAK
5		750.420	-4.393	36.520	32.127	-13.873	46.000	QUASIPeAK
6	*	918.650	-0.655	36.570	35.915	-10.085	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 AC 102	Time : 2010/08/23 - 17:43
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2437MHz)



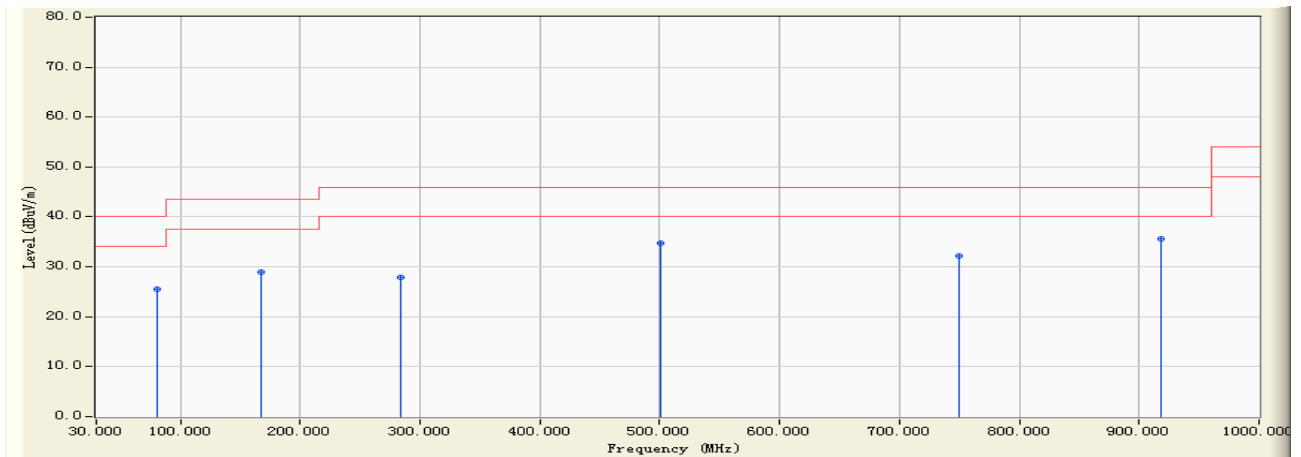
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		30.260	-7.463	39.600	32.136	-7.864	40.000	QUASIPeAK
2	*	72.650	-19.303	52.480	33.178	-6.822	40.000	QUASIPeAK
3		167.530	-17.595	52.640	35.045	-8.455	43.500	QUASIPeAK
4		225.950	-16.154	50.480	34.326	-11.674	46.000	QUASIPeAK
5		500.140	-8.871	43.570	34.699	-11.301	46.000	QUASIPeAK
6		918.520	-0.652	34.520	33.868	-12.132	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 AC 102	Time : 2010/08/23 - 17:44
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2462MHz)



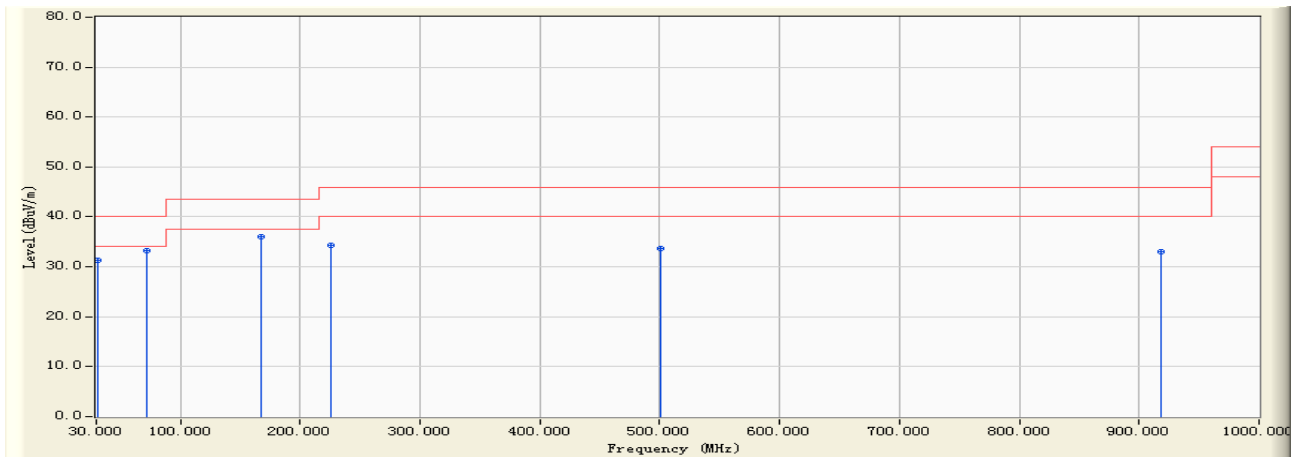
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		80.540	-18.145	43.650	25.505	-14.495	40.000	QUASIPeAK
2		167.580	-17.593	46.520	28.927	-14.573	43.500	QUASIPeAK
3		283.540	-13.634	41.580	27.946	-18.054	46.000	QUASIPeAK
4		500.160	-8.871	43.510	34.639	-11.361	46.000	QUASIPeAK
5		750.240	-4.395	36.580	32.185	-13.815	46.000	QUASIPeAK
6	*	918.620	-0.654	36.340	35.686	-10.314	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 AC 102	Time : 2010/08/23 - 17:45
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2462MHz)



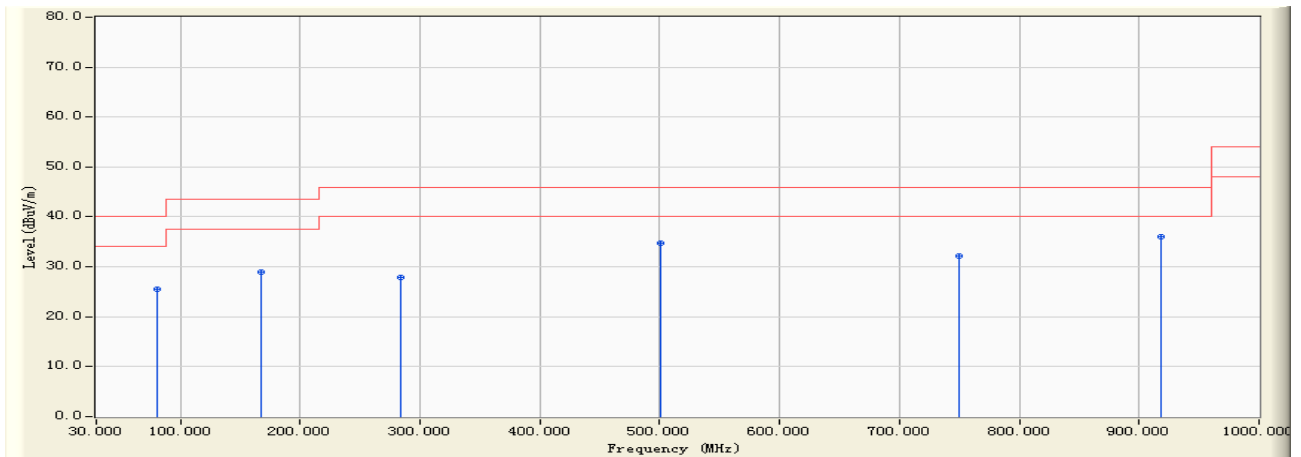
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		31.020	-8.246	39.580	31.334	-8.666	40.000	QUASIPeAK
2	*	72.520	-19.329	52.630	33.301	-6.699	40.000	QUASIPeAK
3		167.520	-17.596	53.540	35.944	-7.556	43.500	QUASIPeAK
4		225.630	-16.170	50.480	34.310	-11.690	46.000	QUASIPeAK
5		500.140	-8.871	42.590	33.719	-12.281	46.000	QUASIPeAK
6		918.630	-0.655	33.620	32.966	-13.034	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 AC 102	Time : 2010/08/23 - 17:47
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n (20MHz) (2412MHz)



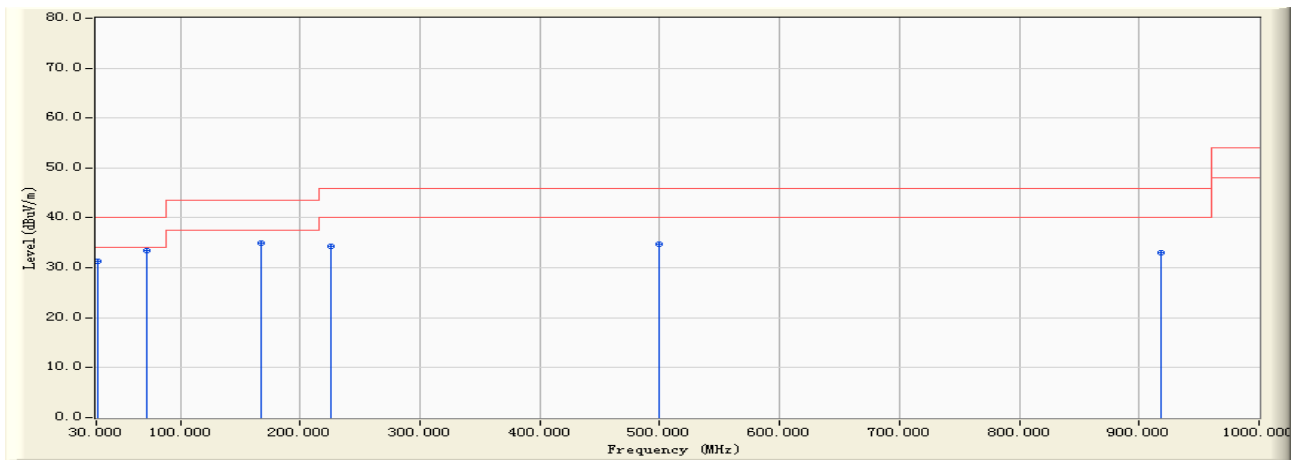
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		80.600	-18.139	43.580	25.441	-14.559	40.000	QUASIPeAK
2		167.590	-17.593	46.580	28.988	-14.512	43.500	QUASIPeAK
3		283.650	-13.632	41.580	27.949	-18.051	46.000	QUASIPeAK
4		500.140	-8.871	43.580	34.709	-11.291	46.000	QUASIPeAK
5		750.140	-4.396	36.580	32.184	-13.816	46.000	QUASIPeAK
6	*	918.380	-0.651	36.580	35.929	-10.071	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 AC 102	Time : 2010/08/23 - 17:48
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (2412MHz)



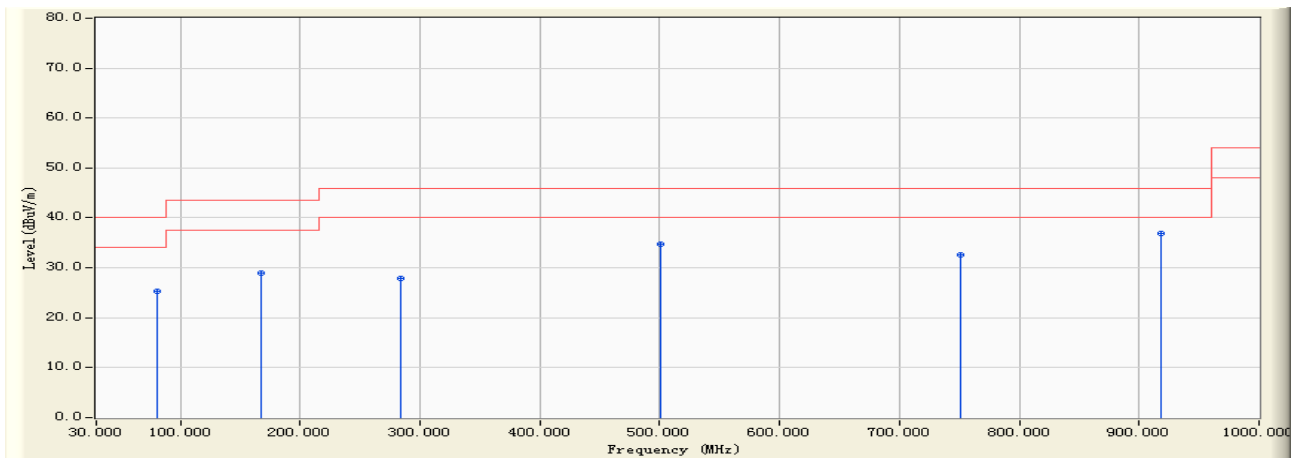
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		31.260	-8.415	39.650	31.235	-8.765	40.000	QUASPEAK
2	*	72.530	-19.327	52.690	33.363	-6.637	40.000	QUASPEAK
3		167.520	-17.596	52.480	34.884	-8.616	43.500	QUASPEAK
4		225.690	-16.167	50.480	34.313	-11.687	46.000	QUASPEAK
5		500.020	-8.874	43.580	34.706	-11.294	46.000	QUASPEAK
6		918.530	-0.653	33.590	32.938	-13.062	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 AC 102	Time : 2010/08/23 - 17:49
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (2437MHz)



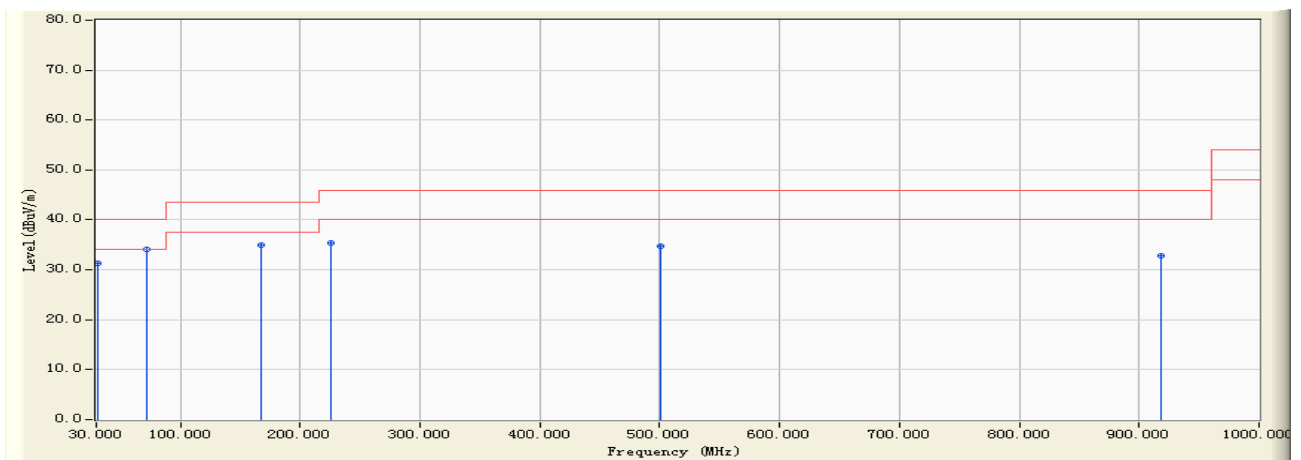
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		80.360	-18.159	43.570	25.411	-14.589	40.000	QUASIPeAK
2		167.630	-17.590	46.580	28.990	-14.510	43.500	QUASIPeAK
3		283.650	-13.632	41.580	27.949	-18.051	46.000	QUASIPeAK
4		500.520	-8.862	43.580	34.718	-11.282	46.000	QUASIPeAK
5		750.630	-4.391	36.960	32.569	-13.431	46.000	QUASIPeAK
6	*	918.630	-0.655	37.520	36.866	-9.134	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 AC 102	Time : 2010/08/23 - 17:50
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (2437MHz)



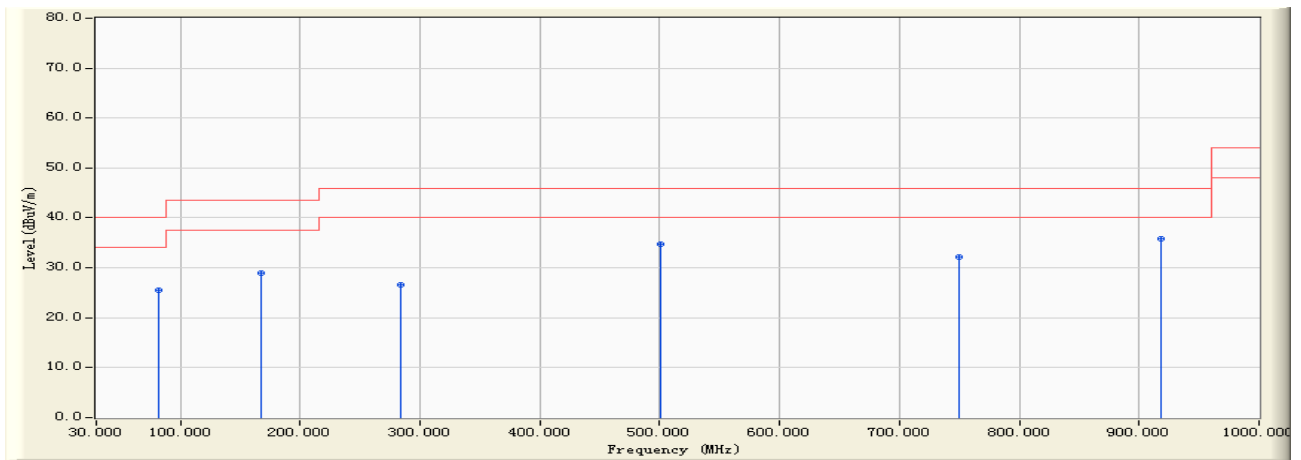
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		31.250	-8.407	39.620	31.212	-8.788	40.000	QUASIPeAK
2	*	72.580	-19.317	53.480	34.163	-5.837	40.000	QUASIPeAK
3		167.520	-17.596	52.540	34.944	-8.556	43.500	QUASIPeAK
4		225.630	-16.170	51.480	35.310	-10.690	46.000	QUASIPeAK
5		500.160	-8.871	43.570	34.699	-11.301	46.000	QUASIPeAK
6		918.360	-0.651	33.540	32.889	-13.111	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 AC 102	Time : 2010/08/23 - 17:51
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (2462MHz)



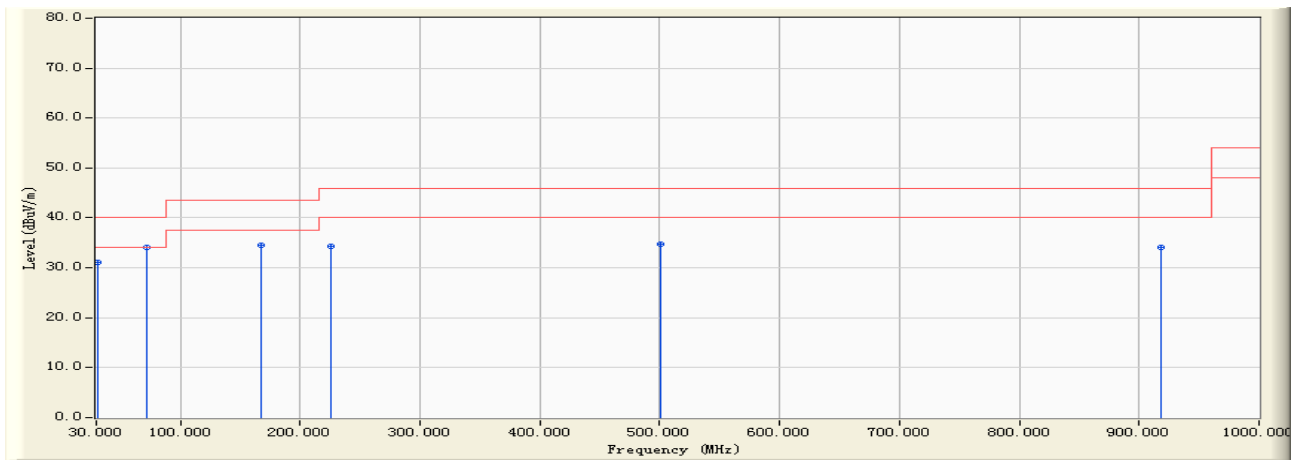
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		81.630	-18.041	43.570	25.529	-14.471	40.000	QUASPEAK
2		167.530	-17.595	46.520	28.925	-14.575	43.500	QUASPEAK
3		283.690	-13.631	40.250	26.619	-19.381	46.000	QUASPEAK
4		500.140	-8.871	43.570	34.699	-11.301	46.000	QUASPEAK
5		750.120	-4.396	36.520	32.124	-13.876	46.000	QUASPEAK
6	*	918.630	-0.655	36.520	35.866	-10.134	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 AC 102	Time : 2010/08/23 - 17:52
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (2462MHz)



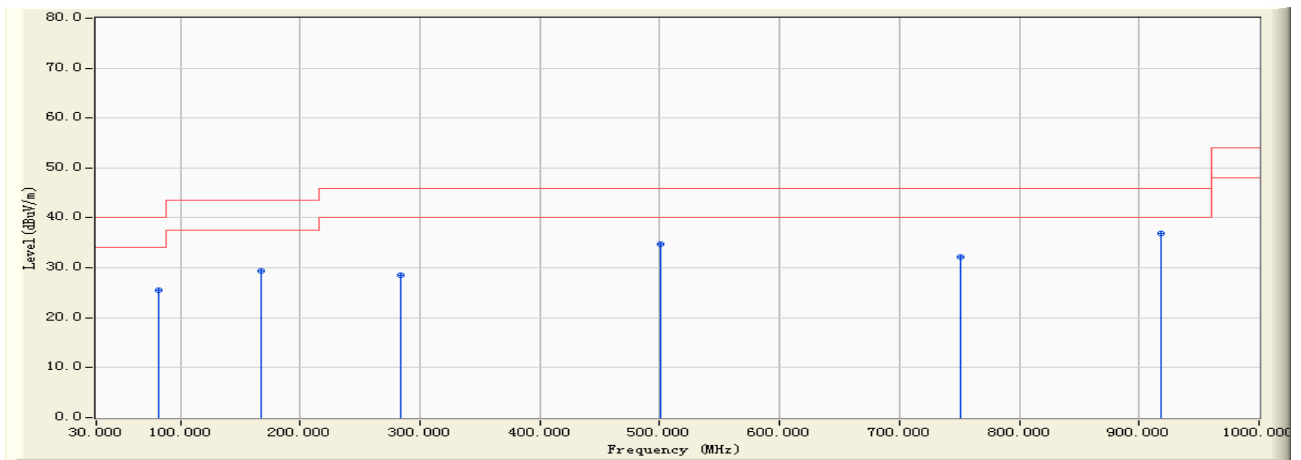
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		31.260	-8.415	39.520	31.105	-8.895	40.000	QUASIPeAK
2	*	72.580	-19.317	53.480	34.163	-5.837	40.000	QUASIPeAK
3		167.520	-17.596	52.140	34.544	-8.956	43.500	QUASIPeAK
4		225.630	-16.170	50.480	34.310	-11.690	46.000	QUASIPeAK
5		500.630	-8.860	43.580	34.720	-11.280	46.000	QUASIPeAK
6		918.530	-0.653	34.750	34.098	-11.902	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 AC 102	Time : 2010/08/23 - 17:53
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (2422MHz)



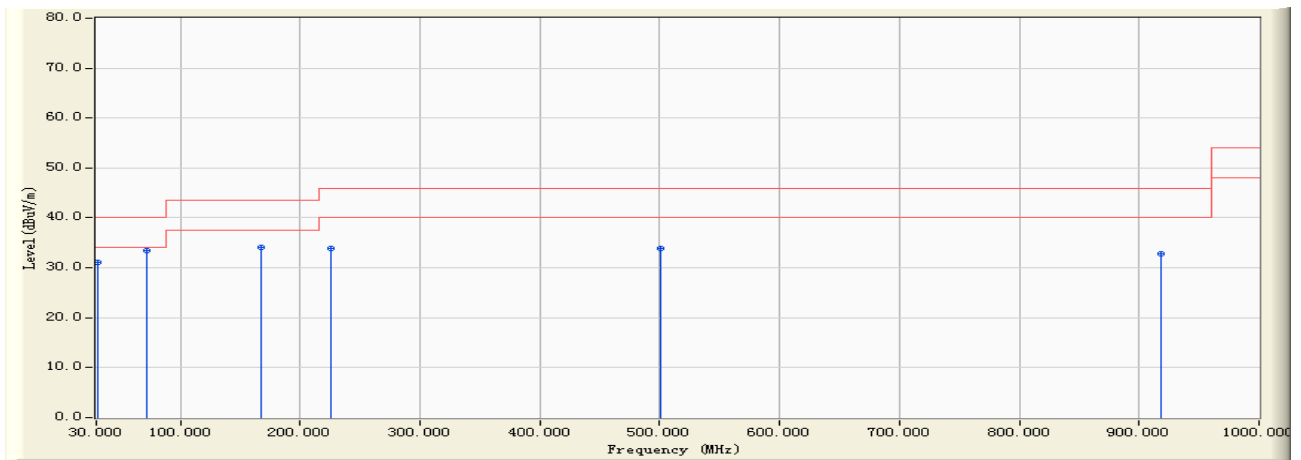
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		81.630	-18.041	43.580	25.539	-14.461	40.000	QUASIPeAK
2		167.580	-17.593	46.870	29.277	-14.223	43.500	QUASIPeAK
3		283.580	-13.632	42.180	28.547	-17.453	46.000	QUASIPeAK
4		500.630	-8.860	43.570	34.710	-11.290	46.000	QUASIPeAK
5		750.630	-4.391	36.580	32.189	-13.811	46.000	QUASIPeAK
6	*	918.630	-0.655	37.520	36.866	-9.134	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 AC 102	Time : 2010/08/23 - 17:54
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (2422MHz)



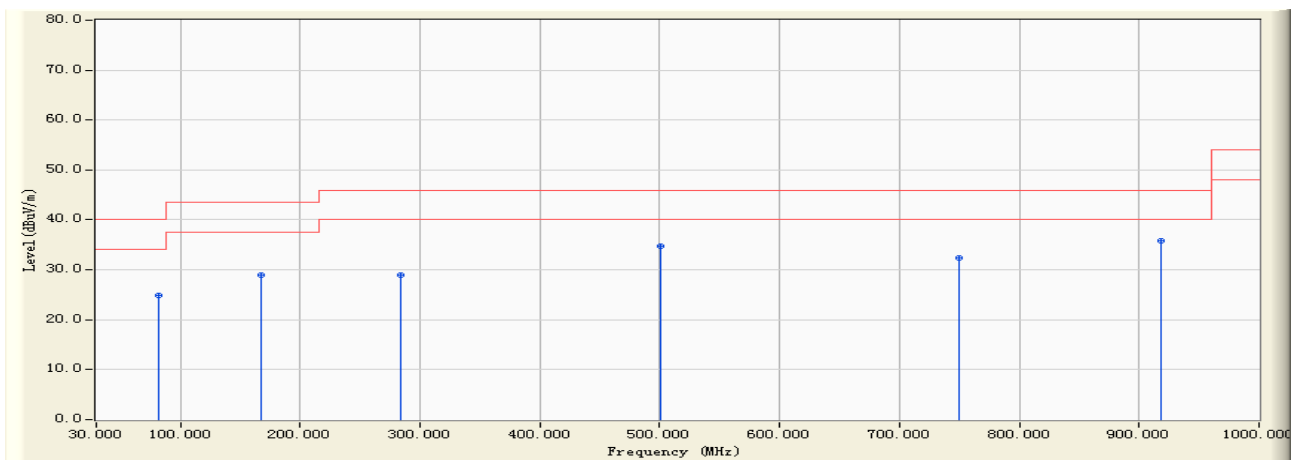
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		31.260	-8.415	39.580	31.165	-8.835	40.000	QUASIPeAK
2	*	72.650	-19.303	52.840	33.538	-6.462	40.000	QUASIPeAK
3		167.650	-17.589	51.680	34.091	-9.409	43.500	QUASIPeAK
4		225.960	-16.153	50.140	33.987	-12.013	46.000	QUASIPeAK
5		500.630	-8.860	42.850	33.990	-12.010	46.000	QUASIPeAK
6		918.530	-0.653	33.540	32.888	-13.112	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 AC 102	Time : 2010/08/23 - 17:55
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (2437MHz)



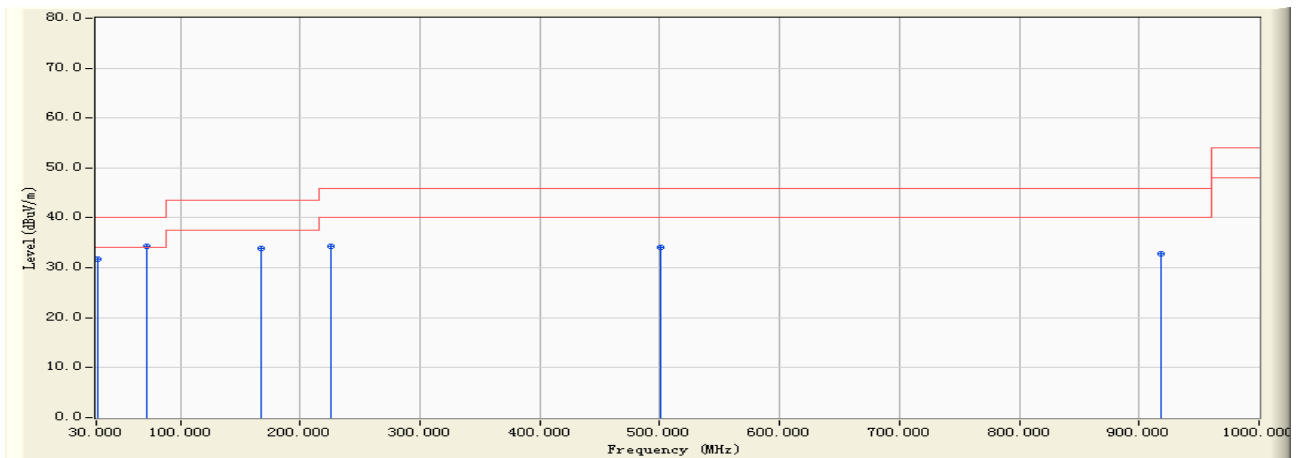
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		81.630	-18.041	42.850	24.809	-15.191	40.000	QUASIPeAK
2		167.530	-17.595	46.580	28.985	-14.515	43.500	QUASIPeAK
3		283.690	-13.631	42.580	28.949	-17.051	46.000	QUASIPeAK
4		500.140	-8.871	43.680	34.809	-11.191	46.000	QUASIPeAK
5		750.140	-4.396	36.850	32.454	-13.546	46.000	QUASIPeAK
6	*	918.640	-0.655	36.570	35.915	-10.085	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 AC 102	Time : 2010/08/23 - 17:56
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (2437MHz)



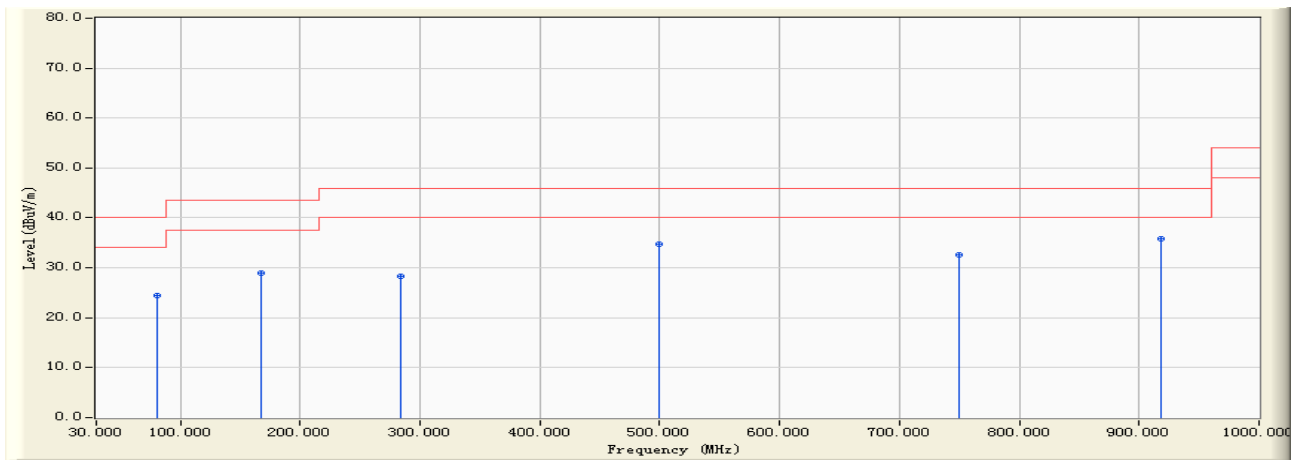
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		30.650	-7.874	39.580	31.706	-8.294	40.000	QUASIPeAK
2	*	72.530	-19.327	53.580	34.253	-5.747	40.000	QUASIPeAK
3		167.520	-17.596	51.480	33.884	-9.616	43.500	QUASIPeAK
4		225.620	-16.170	50.483	34.313	-11.687	46.000	QUASIPeAK
5		500.150	-8.871	42.960	34.089	-11.911	46.000	QUASIPeAK
6		918.530	-0.653	33.540	32.888	-13.112	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 AC 102	Time : 2010/08/23 - 18:19
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (2452MHz)



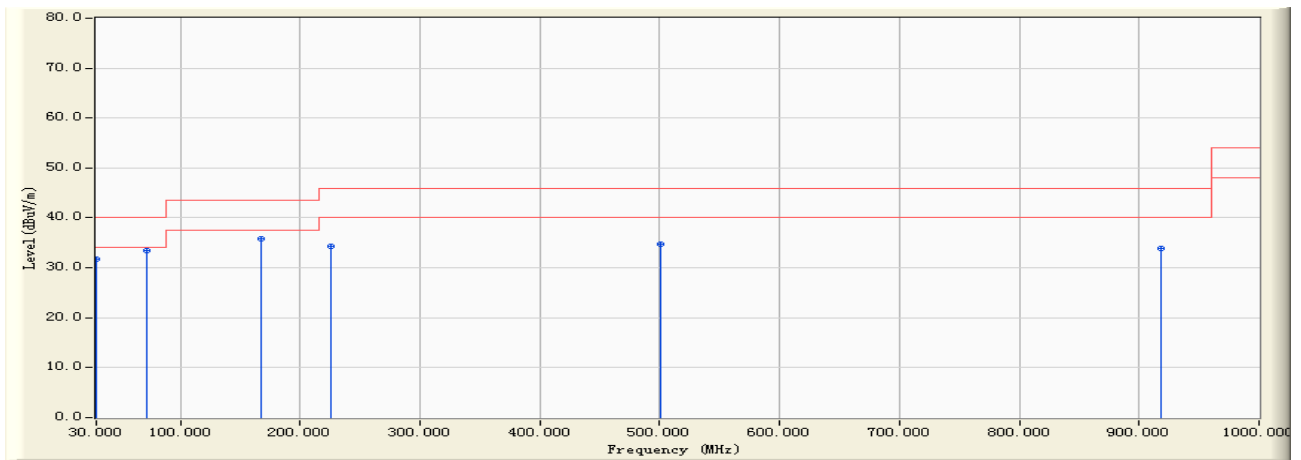
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		80.630	-18.137	42.590	24.453	-15.547	40.000	QUASIPeAK
2		167.630	-17.590	46.570	28.980	-14.520	43.500	QUASIPeAK
3		283.590	-13.633	41.840	28.207	-17.793	46.000	QUASIPeAK
4		500.120	-8.871	43.570	34.698	-11.302	46.000	QUASIPeAK
5		750.140	-4.396	36.950	32.554	-13.446	46.000	QUASIPeAK
6	*	918.670	-0.655	36.570	35.915	-10.085	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 AC 102	Time : 2010/08/23 - 18:20
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (2452MHz)



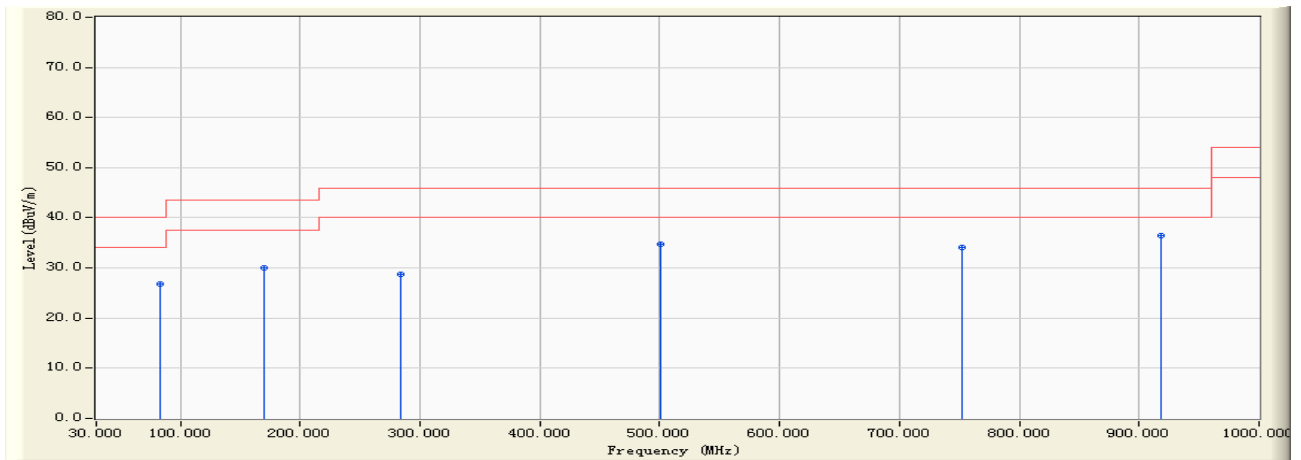
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		30.560	-7.779	39.580	31.801	-8.199	40.000	QUASIPeAK
2	*	72.390	-19.356	52.840	33.484	-6.516	40.000	QUASIPeAK
3		167.580	-17.593	53.470	35.877	-7.623	43.500	QUASIPeAK
4		225.460	-16.178	50.480	34.302	-11.698	46.000	QUASIPeAK
5		500.630	-8.860	43.570	34.710	-11.290	46.000	QUASIPeAK
6		918.530	-0.653	34.510	33.858	-12.142	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 AC 102	Time : 2010/08/30 - 12:35
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



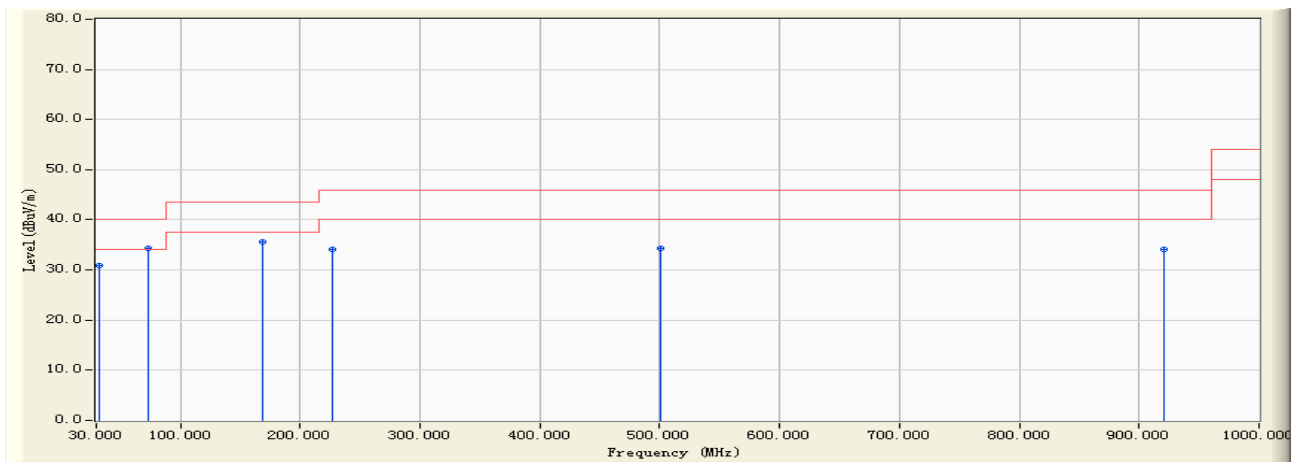
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		83.650	-17.862	44.580	26.718	-13.282	40.000	QUASIPeAK
2		169.540	-17.466	47.540	30.074	-13.426	43.500	QUASIPeAK
3		284.570	-13.617	42.350	28.732	-17.268	46.000	QUASIPeAK
4		500.620	-8.860	43.690	34.830	-11.170	46.000	QUASIPeAK
5		752.840	-4.361	38.510	34.149	-11.851	46.000	QUASIPeAK
6	*	918.620	-0.654	37.060	36.406	-9.594	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 AC 102	Time : 2010/08/30 - 12:36
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



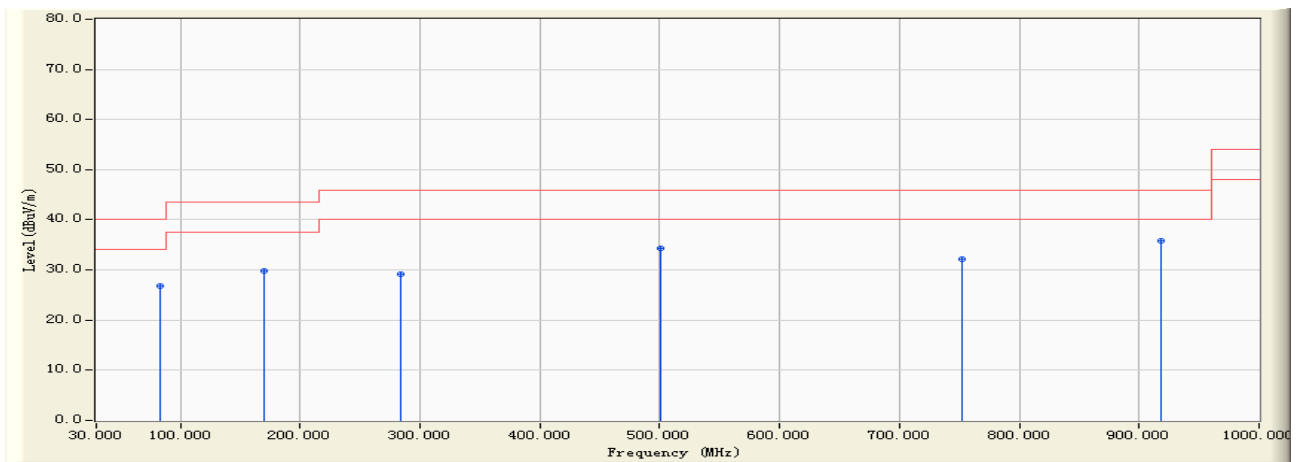
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		32.560	-9.225	40.180	30.955	-9.045	40.000	QUASIPeAK
2	*	73.560	-19.133	53.410	34.277	-5.723	40.000	QUASIPeAK
3		168.510	-17.538	53.100	35.562	-7.938	43.500	QUASIPeAK
4		226.510	-16.137	50.140	34.003	-11.997	46.000	QUASIPeAK
5		500.610	-8.860	43.120	34.260	-11.740	46.000	QUASIPeAK
6		920.340	-0.687	34.690	34.003	-11.997	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 AC 102	Time : 2010/08/30 - 12:38
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)



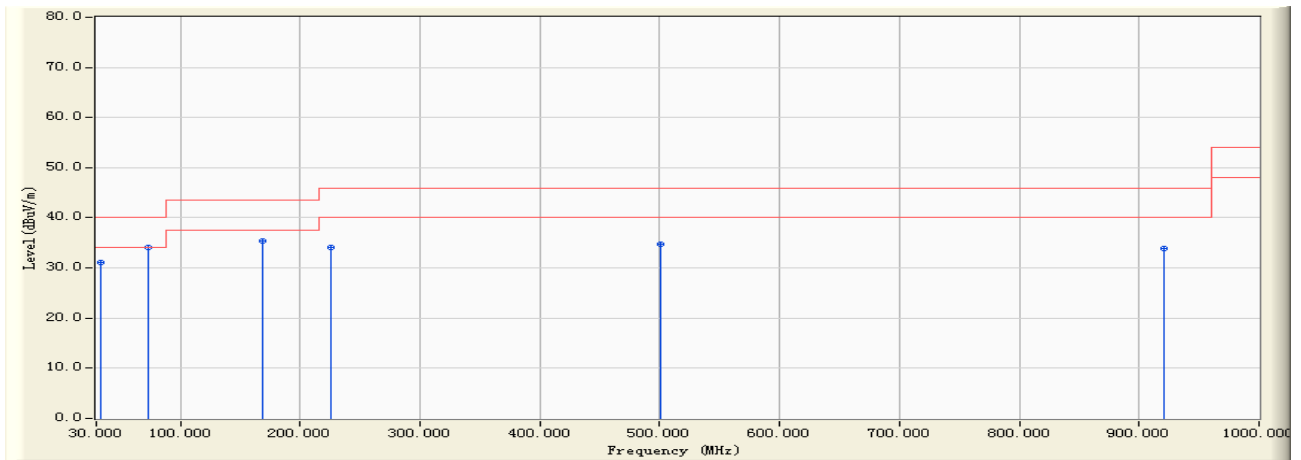
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		83.690	-17.861	44.570	26.709	-13.291	40.000	QUASIPeAK
2		169.540	-17.466	47.300	29.834	-13.666	43.500	QUASIPeAK
3		284.570	-13.617	42.690	29.072	-16.928	46.000	QUASIPeAK
4		500.140	-8.871	43.240	34.369	-11.631	46.000	QUASIPeAK
5		752.100	-4.382	36.570	32.188	-13.812	46.000	QUASIPeAK
6	*	918.620	-0.654	36.570	35.916	-10.084	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 AC 102	Time : 2010/08/30 - 12:39
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)



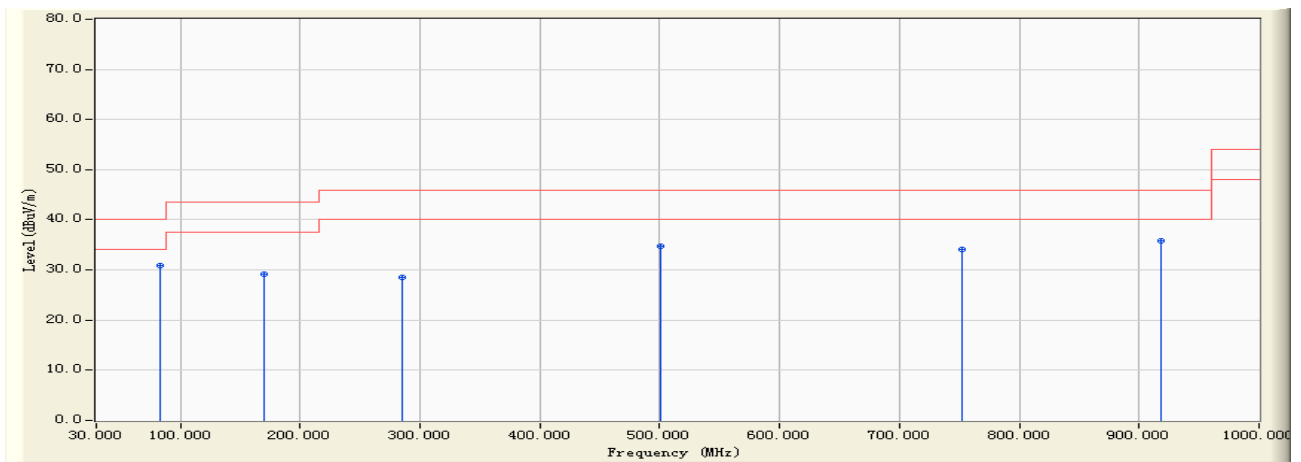
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		33.160	-9.544	40.570	31.026	-8.974	40.000	QUASIPeAK
2	*	73.620	-19.122	53.140	34.018	-5.982	40.000	QUASIPeAK
3		168.420	-17.543	52.870	35.327	-8.173	43.500	QUASIPeAK
4		226.340	-16.142	50.180	34.038	-11.962	46.000	QUASIPeAK
5		500.680	-8.859	43.520	34.661	-11.339	46.000	QUASIPeAK
6		920.150	-0.684	34.560	33.875	-12.125	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 AC 102	Time : 2010/08/30 - 12:40
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



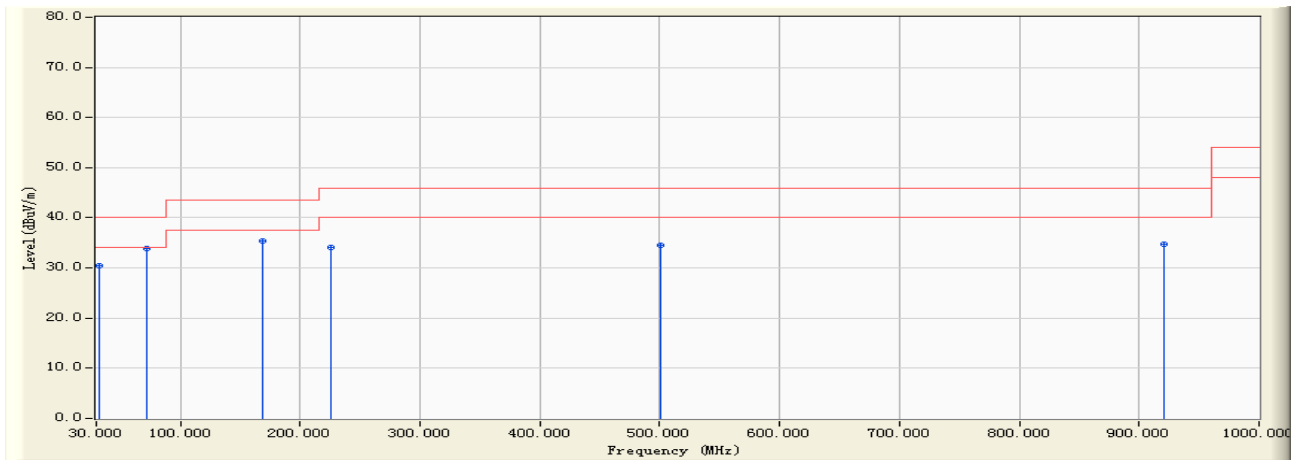
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	83.570	-17.866	48.670	30.804	-9.196	40.000	QUASIPeAK
2		169.540	-17.466	46.570	29.104	-14.396	43.500	QUASIPeAK
3		284.650	-13.617	42.100	28.483	-17.517	46.000	QUASIPeAK
4		500.670	-8.859	43.570	34.711	-11.289	46.000	QUASIPeAK
5		752.030	-4.383	38.510	34.127	-11.873	46.000	QUASIPeAK
6		918.530	-0.653	36.570	35.918	-10.082	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 AC 102	Time : 2010/08/30 - 12:41
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



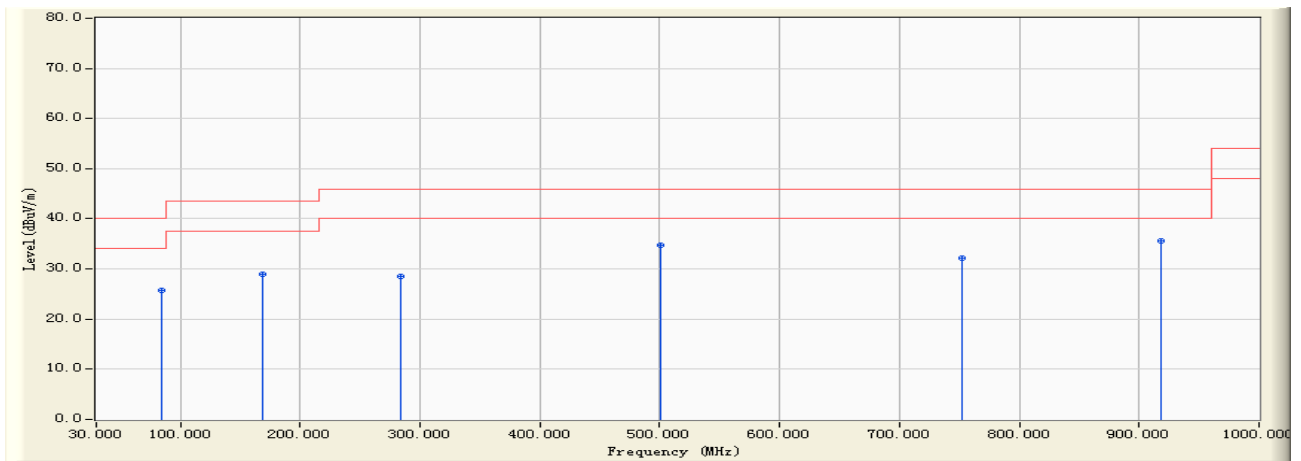
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		32.610	-9.252	39.680	30.428	-9.572	40.000	QUASIPeAK
2	*	72.610	-19.310	53.140	33.829	-6.171	40.000	QUASIPeAK
3		168.200	-17.556	53.010	35.453	-8.047	43.500	QUASIPeAK
4		225.610	-16.171	50.170	33.999	-12.001	46.000	QUASIPeAK
5		500.350	-8.866	43.290	34.424	-11.576	46.000	QUASIPeAK
6		920.510	-0.690	35.480	34.790	-11.210	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 AC 102	Time : 2010/08/30 - 12:43
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



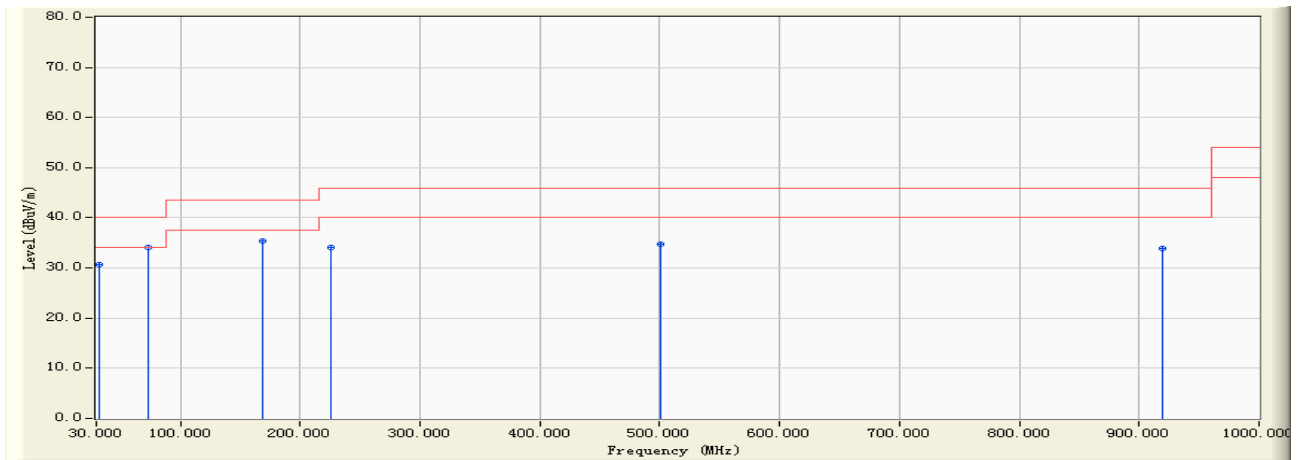
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		84.690	-17.820	43.510	25.690	-14.310	40.000	QUASIPeAK
2		168.370	-17.547	46.560	29.014	-14.486	43.500	QUASIPeAK
3		284.510	-13.619	42.100	28.482	-17.518	46.000	QUASIPeAK
4		500.310	-8.867	43.520	34.653	-11.347	46.000	QUASIPeAK
5		752.340	-4.377	36.580	32.203	-13.797	46.000	QUASIPeAK
6	*	918.310	-0.651	36.240	35.589	-10.411	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 AC 102	Time : 2010/08/30 - 12:44
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



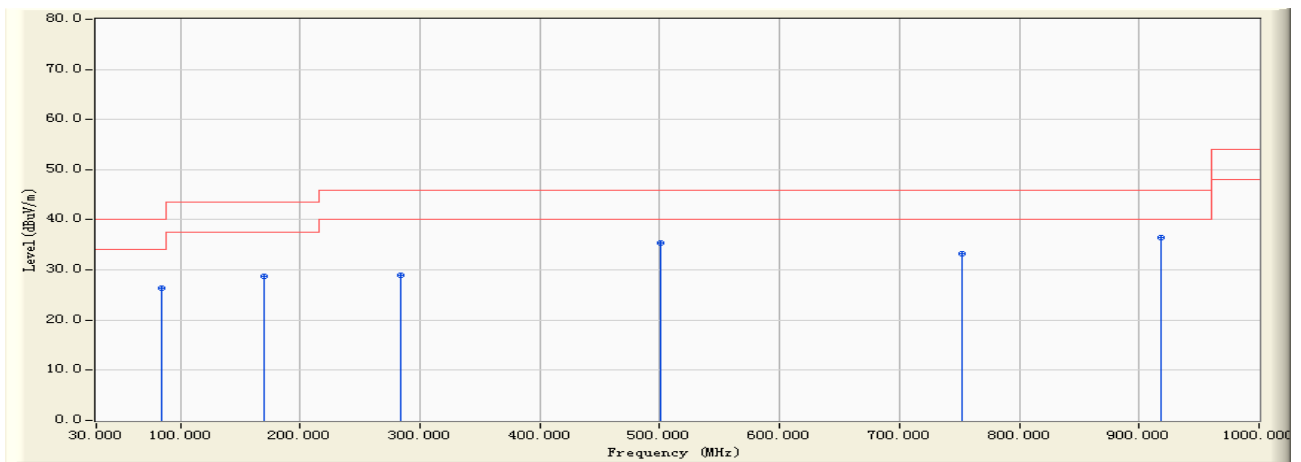
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		32.610	-9.252	39.830	30.578	-9.422	40.000	QUASIPeAK
2	*	73.540	-19.137	53.180	34.043	-5.957	40.000	QUASIPeAK
3		168.430	-17.543	52.970	35.427	-8.073	43.500	QUASIPeAK
4		225.460	-16.178	50.270	34.092	-11.908	46.000	QUASIPeAK
5		500.310	-8.867	43.560	34.693	-11.307	46.000	QUASIPeAK
6		920.020	-0.682	34.560	33.877	-12.123	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 AC 102	Time : 2010/08/30 - 12:45
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)



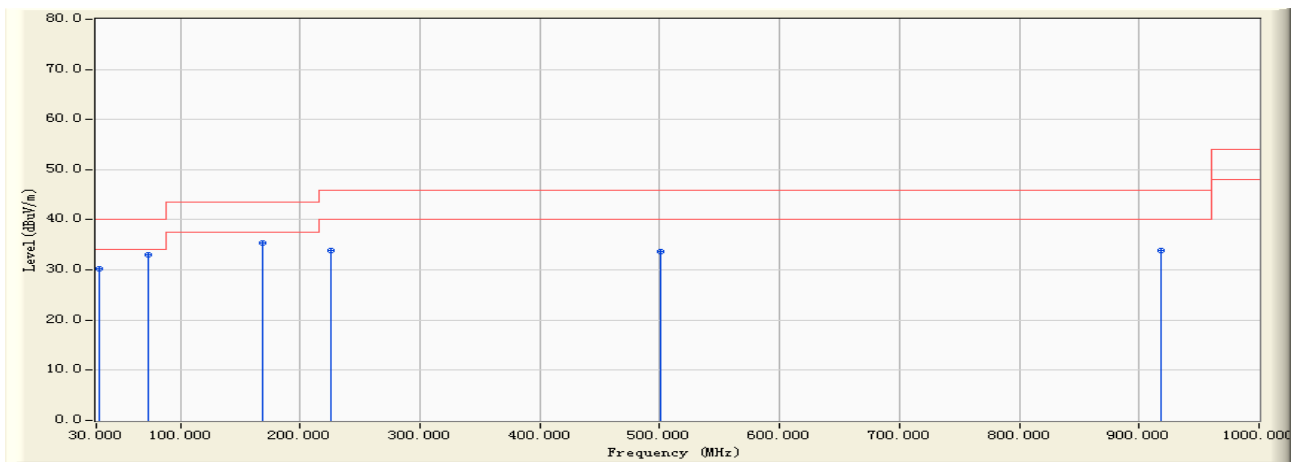
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		84.560	-17.826	44.180	26.354	-13.646	40.000	QUASIPeAK
2		169.530	-17.467	46.250	28.783	-14.717	43.500	QUASIPeAK
3		284.350	-13.619	42.630	29.010	-16.990	46.000	QUASIPeAK
4		500.370	-8.866	44.160	35.294	-10.706	46.000	QUASIPeAK
5		752.480	-4.374	37.600	33.226	-12.774	46.000	QUASIPeAK
6	*	918.400	-0.652	37.010	36.359	-9.641	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 AC 102	Time : 2010/08/30 - 12:46
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)



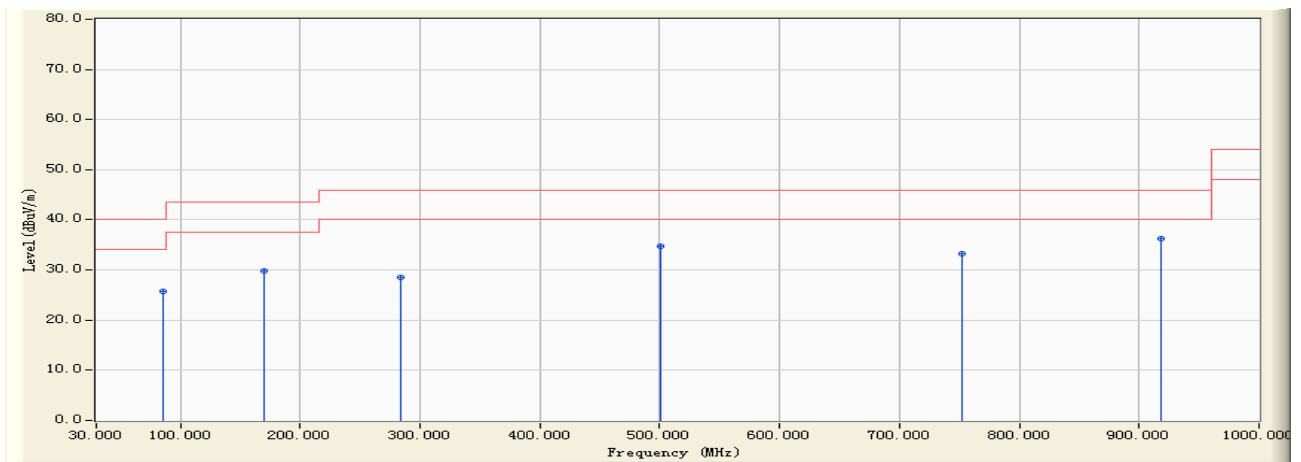
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		32.560	-9.225	39.500	30.275	-9.725	40.000	QUASIPeAK
2	*	73.540	-19.137	52.180	33.043	-6.957	40.000	QUASIPeAK
3		168.930	-17.510	52.840	35.330	-8.170	43.500	QUASIPeAK
4		225.170	-16.193	50.160	33.967	-12.033	46.000	QUASIPeAK
5		500.430	-8.864	42.580	33.716	-12.284	46.000	QUASIPeAK
6		918.700	-0.656	34.600	33.944	-12.056	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 AC 102	Time : 2010/08/30 - 12:47
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



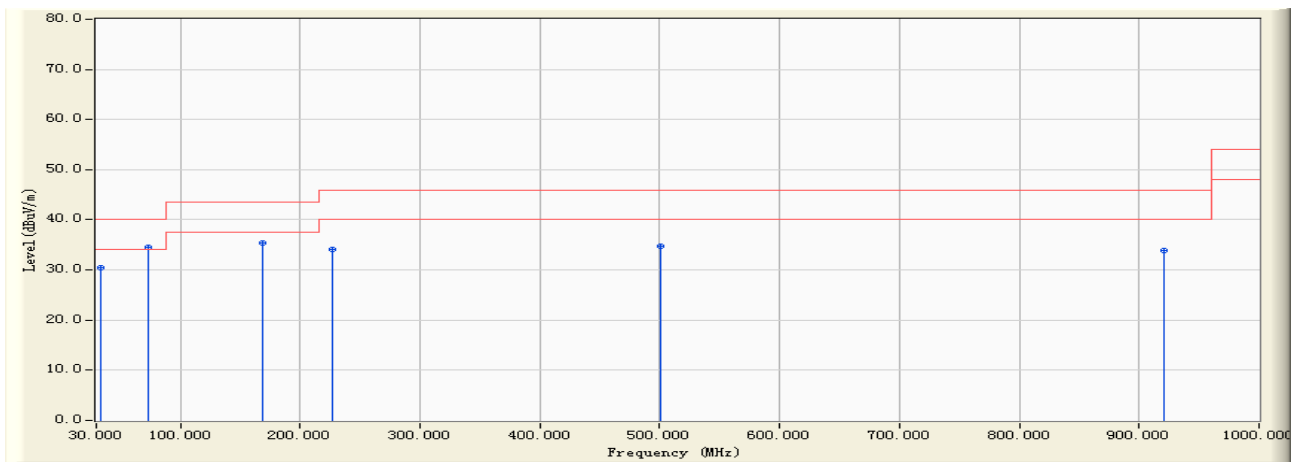
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		85.930	-17.756	43.570	25.813	-14.187	40.000	QUASIPeAK
2		169.520	-17.468	47.340	29.872	-13.628	43.500	QUASIPeAK
3		284.510	-13.619	42.180	28.562	-17.438	46.000	QUASIPeAK
4		500.640	-8.859	43.570	34.711	-11.289	46.000	QUASIPeAK
5		752.460	-4.374	37.540	33.166	-12.834	46.000	QUASIPeAK
6	*	918.340	-0.651	36.800	36.149	-9.851	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 AC 102	Time : 2010/08/30 - 12:48
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port 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		33.540	-9.736	40.180	30.444	-9.556	40.000	QUASIPeAK
2	*	73.580	-19.130	53.640	34.510	-5.490	40.000	QUASIPeAK
3		168.520	-17.537	52.840	35.303	-8.197	43.500	QUASIPeAK
4		226.510	-16.137	50.140	34.003	-11.997	46.000	QUASIPeAK
5		500.350	-8.866	43.560	34.694	-11.306	46.000	QUASIPeAK
6		920.650	-0.694	34.570	33.876	-12.124	46.000	QUASIPeAK

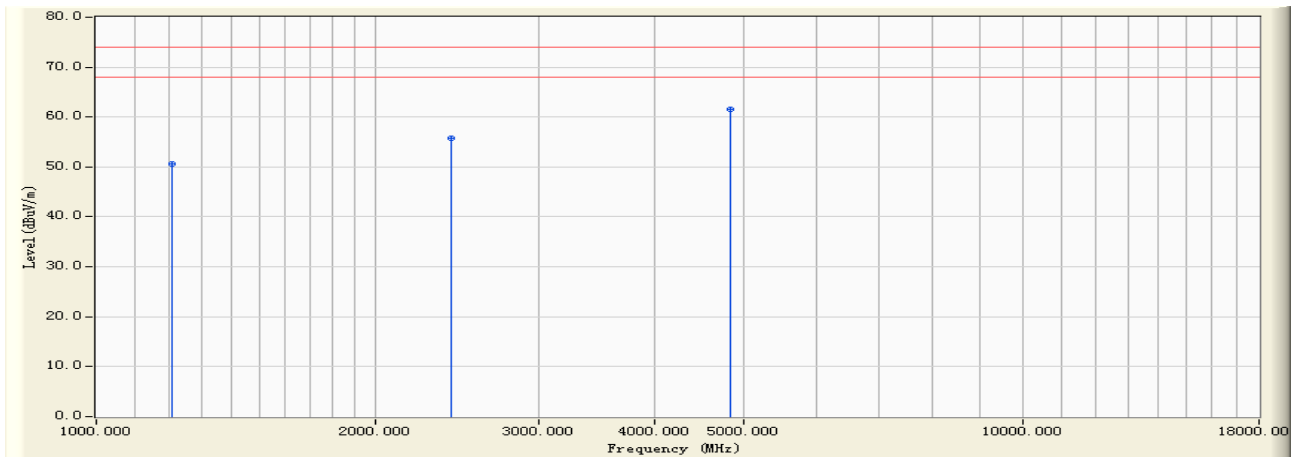
Note:

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 1G:

Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/23 - 21:11
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2412MHz)



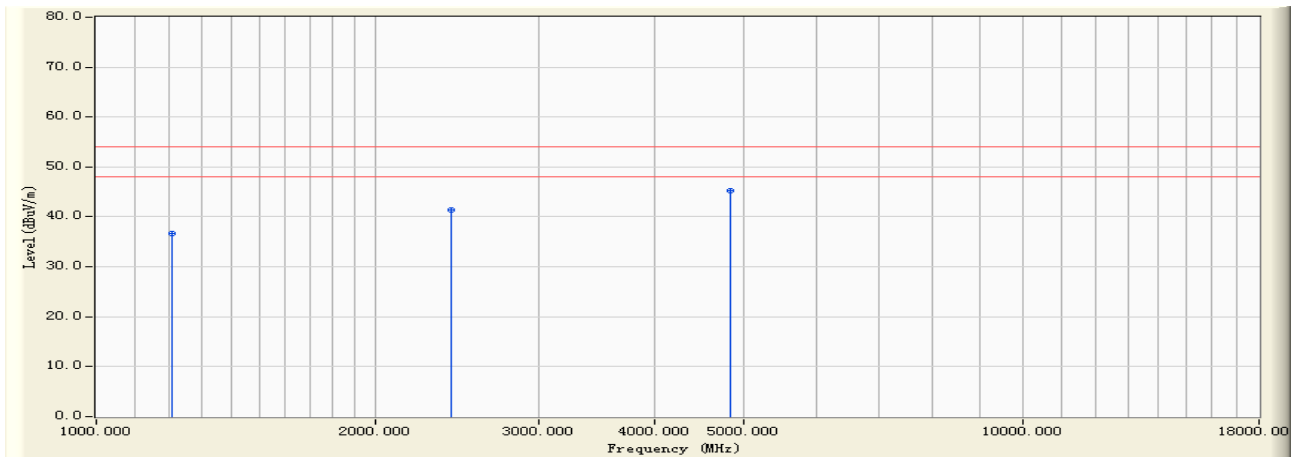
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1206.350	-5.894	56.520	50.626	-23.374	74.000	PEAK
2		2412.300	0.429	55.260	55.690	-18.310	74.000	PEAK
3	*	4839.200	7.378	54.120	61.498	-12.502	74.000	PEAK

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 : 2010/08/23 - 21:11
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2412MHz)



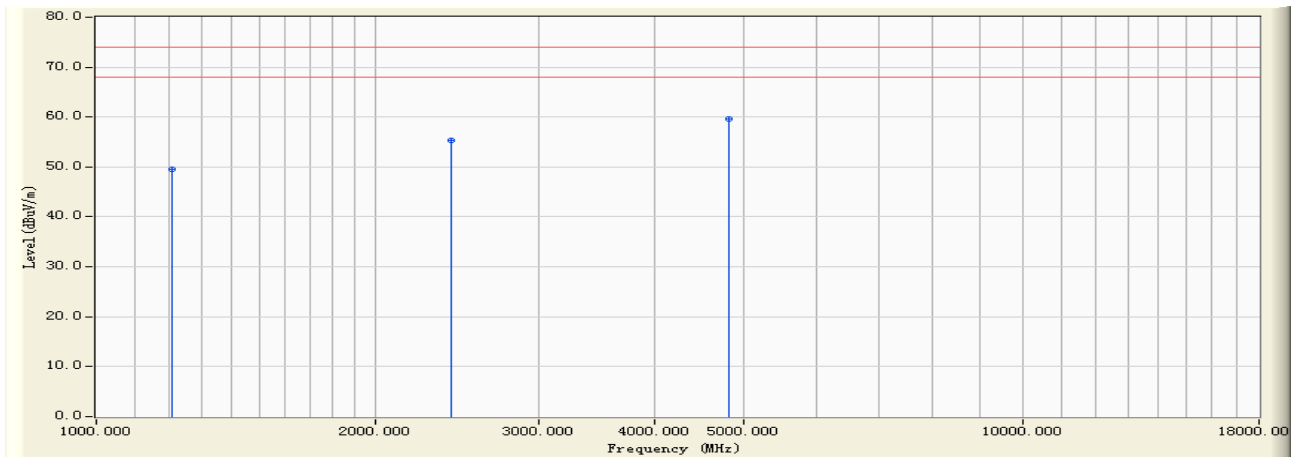
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1206.350	-5.894	42.610	36.716	-17.284	54.000	AVERAGE
2		2412.300	0.429	41.050	41.480	-12.520	54.000	AVERAGE
3	*	4839.200	7.378	37.960	45.338	-8.662	54.000	AVERAGE

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 : 2010/08/23 - 21:12
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2412MHz)



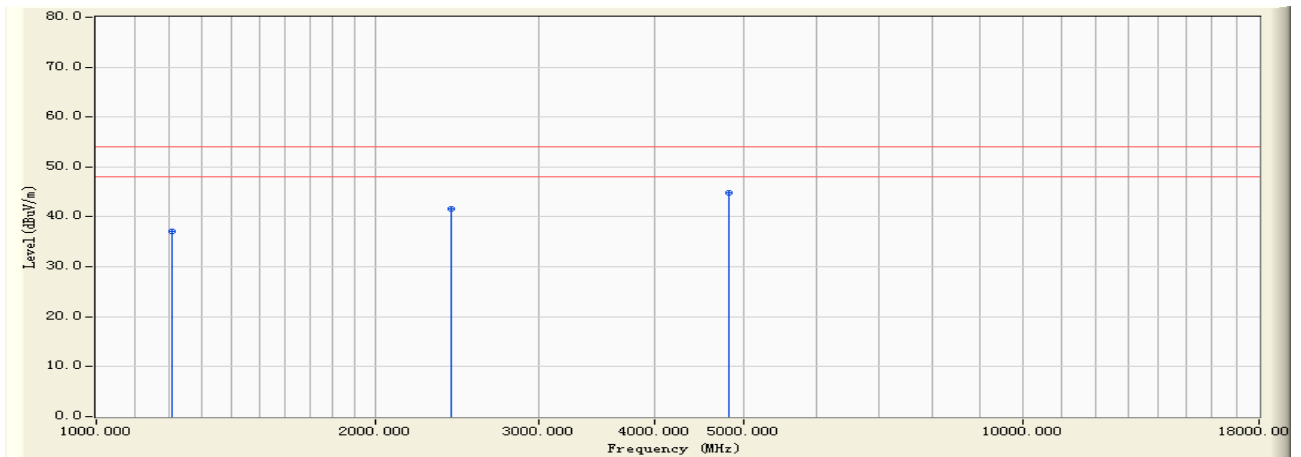
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.390	-5.883	55.340	49.457	-24.543	74.000	PEAK
2		2412.060	0.428	54.860	55.289	-18.711	74.000	PEAK
3	*	4825.370	7.350	52.180	59.531	-14.469	74.000	PEAK

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 : 2010/08/23 - 21:12
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2412MHz)



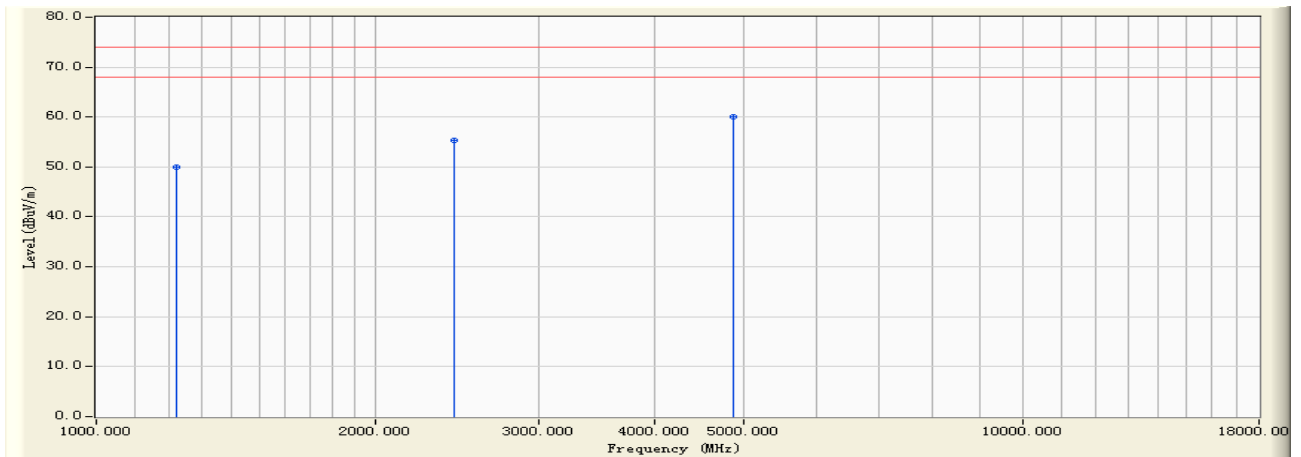
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.390	-5.883	42.960	37.077	-16.923	54.000	AVERAGE
2		2412.060	0.428	41.120	41.549	-12.451	54.000	AVERAGE
3	*	4825.370	7.350	37.560	44.911	-9.089	54.000	AVERAGE

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 : 2010/08/23 - 21:14
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2437MHz)



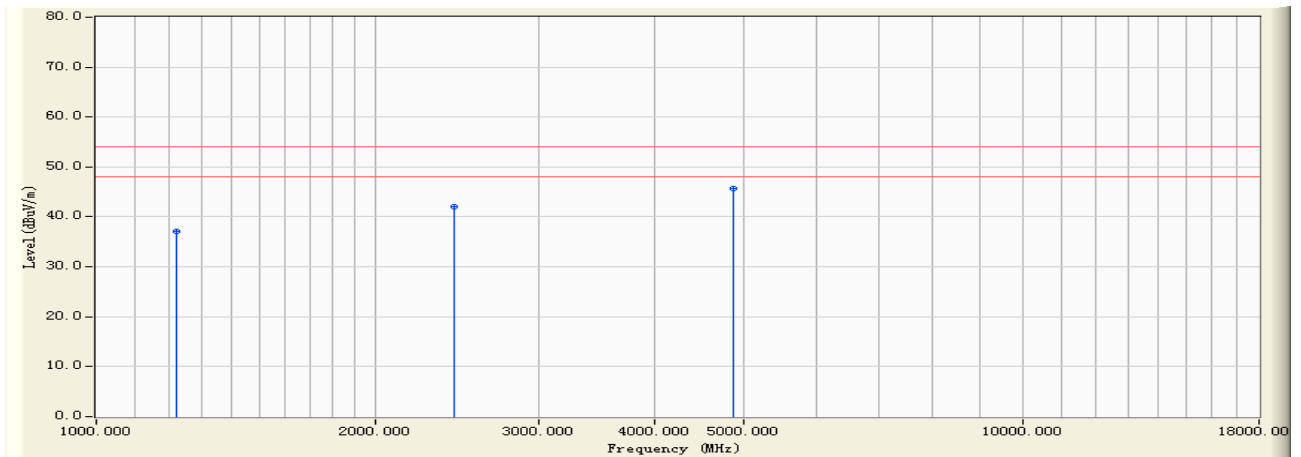
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.350	-5.759	55.630	49.872	-24.128	74.000	PEAK
2		2437.250	0.510	54.800	55.310	-18.690	74.000	PEAK
3	*	4876.340	7.462	52.650	60.112	-13.888	74.000	PEAK

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 : 2010/08/23 - 21:14
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2437MHz)



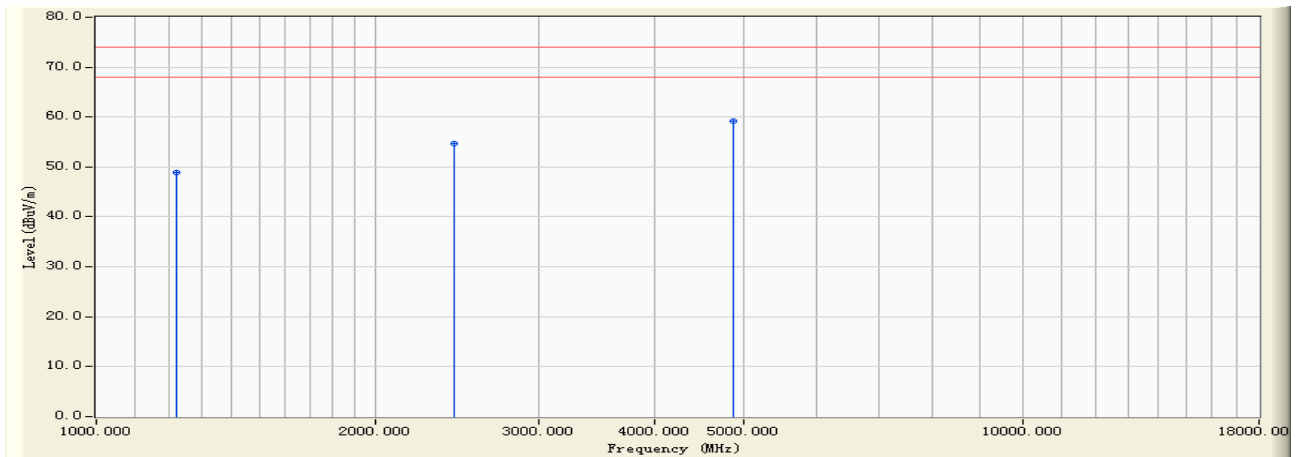
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.350	-5.759	42.960	37.202	-16.798	54.000	AVERAGE
2		2437.250	0.510	41.590	42.100	-11.900	54.000	AVERAGE
3	*	4876.340	7.462	38.260	45.722	-8.278	54.000	AVERAGE

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 : 2010/08/23 - 21:14
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2437MHz)



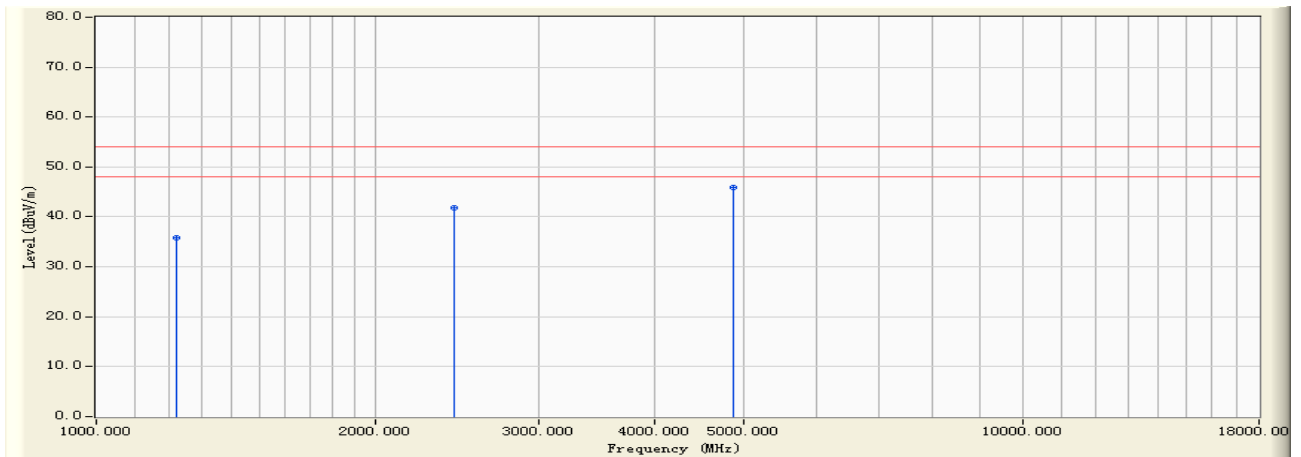
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.360	-5.759	54.630	48.872	-25.128	74.000	PEAK
2		2437.960	0.512	54.260	54.772	-19.228	74.000	PEAK
3	*	4875.670	7.461	51.650	59.110	-14.890	74.000	PEAK

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 : 2010/08/23 - 21:14
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2437MHz)



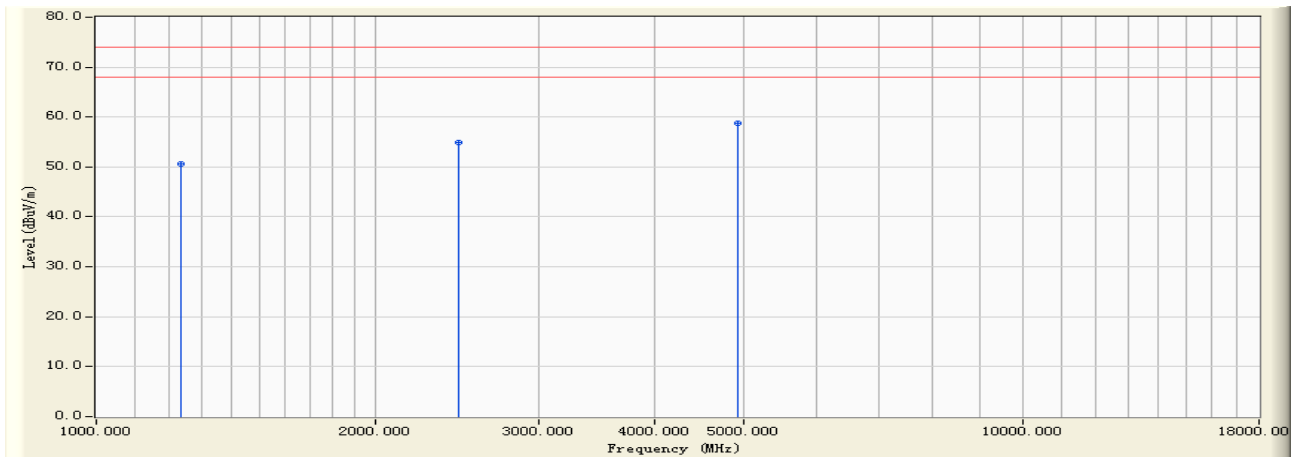
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.360	-5.759	41.560	35.802	-18.198	54.000	AVERAGE
2		2437.960	0.512	41.320	41.832	-12.168	54.000	AVERAGE
3	*	4875.670	7.461	38.460	45.920	-8.080	54.000	AVERAGE

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 : 2010/08/23 - 21:16
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2462MHz)



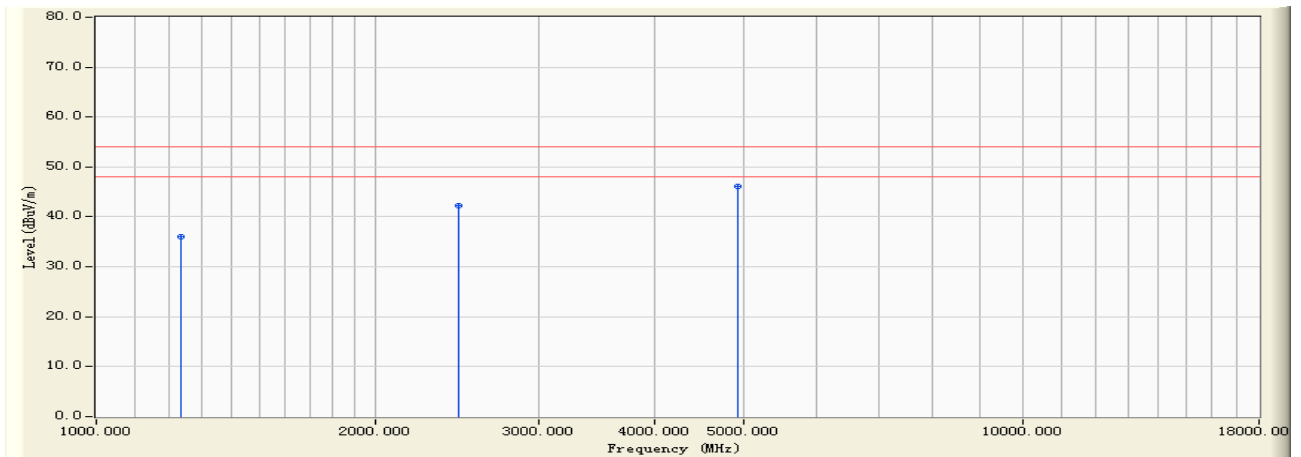
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1235.620	-5.577	56.280	50.703	-23.297	74.000	PEAK
2		2462.510	0.601	54.230	54.831	-19.169	74.000	PEAK
3	*	4926.570	7.570	51.260	58.830	-15.170	74.000	PEAK

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 : 2010/08/23 - 21:16
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2462MHz)



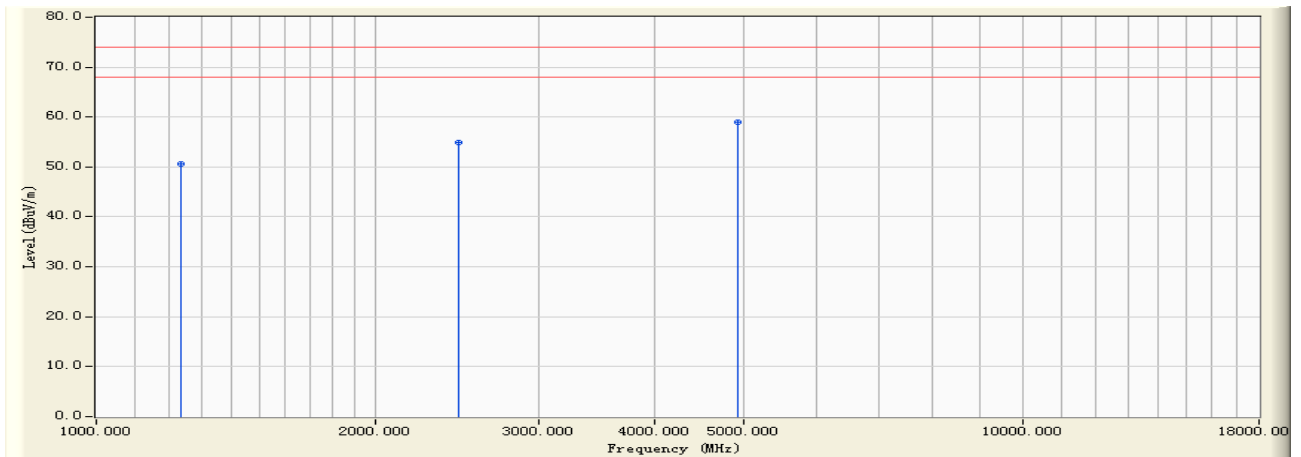
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1235.620	-5.577	41.580	36.003	-17.997	54.000	AVERAGE
2		2462.510	0.601	41.570	42.171	-11.829	54.000	AVERAGE
3	*	4926.570	7.570	38.560	46.130	-7.870	54.000	AVERAGE

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 : 2010/08/23 - 21:17
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2462MHz)



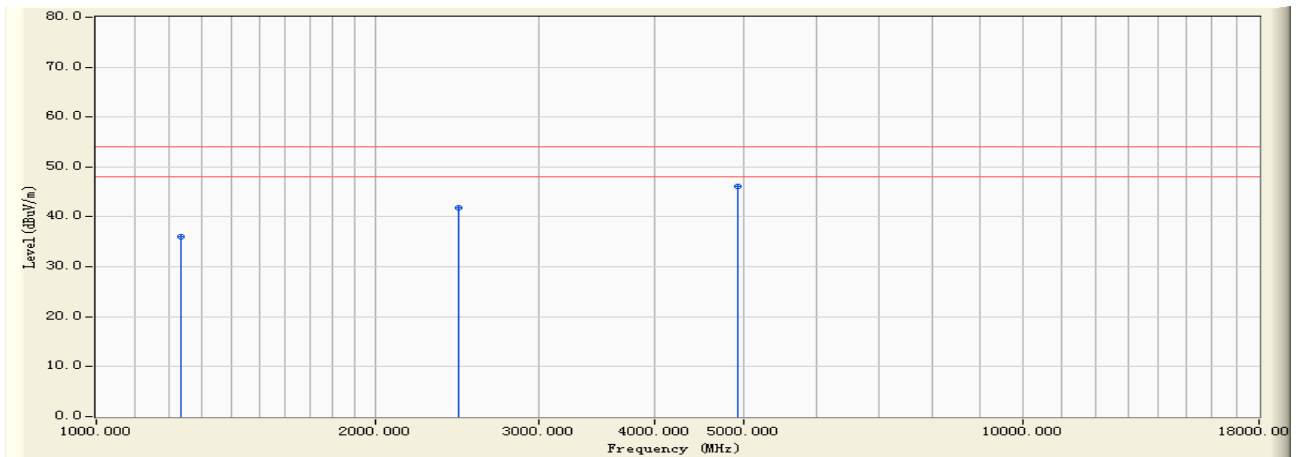
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1234.580	-5.589	56.240	50.651	-23.349	74.000	PEAK
2		2462.570	0.601	54.270	54.871	-19.129	74.000	PEAK
3	*	4926.570	7.570	51.450	59.020	-14.980	74.000	PEAK

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 : 2010/08/23 - 21:17
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1:Transmit by 802.11b (An0) (2462MHz)



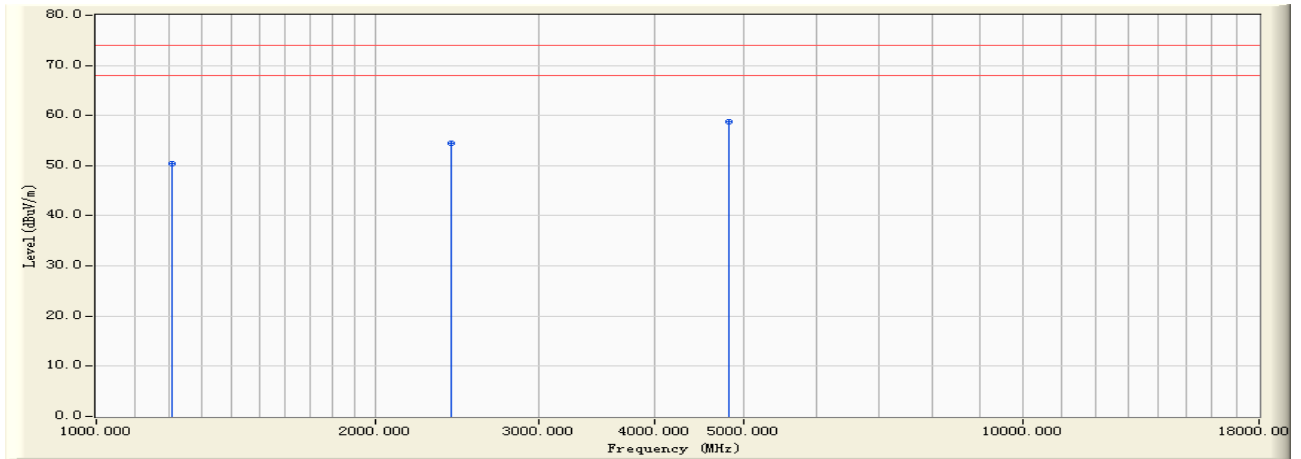
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1234.580	-5.589	41.630	36.041	-17.959	54.000	AVERAGE
2		2462.570	0.601	41.290	41.891	-12.109	54.000	AVERAGE
3	*	4926.570	7.570	38.520	46.090	-7.910	54.000	AVERAGE

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 : 2010/08/23 - 21:22
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2412MHz)



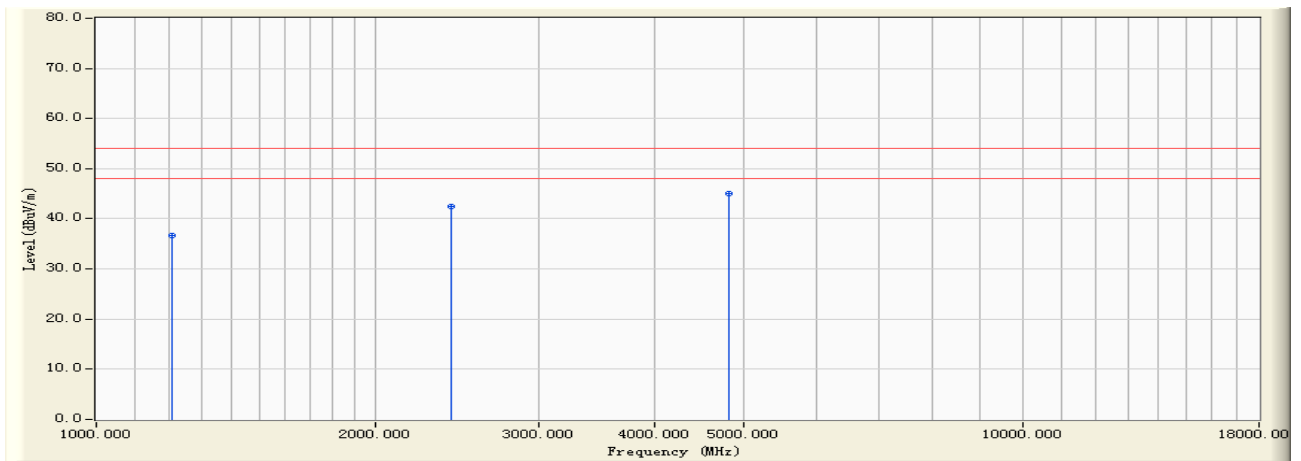
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1209.340	-5.863	56.290	50.427	-23.573	74.000	PEAK
2		2412.350	0.429	54.140	54.570	-19.430	74.000	PEAK
3	*	4825.370	7.350	51.450	58.801	-15.199	74.000	PEAK

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 : 2010/08/23 - 21:22
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2412MHz)



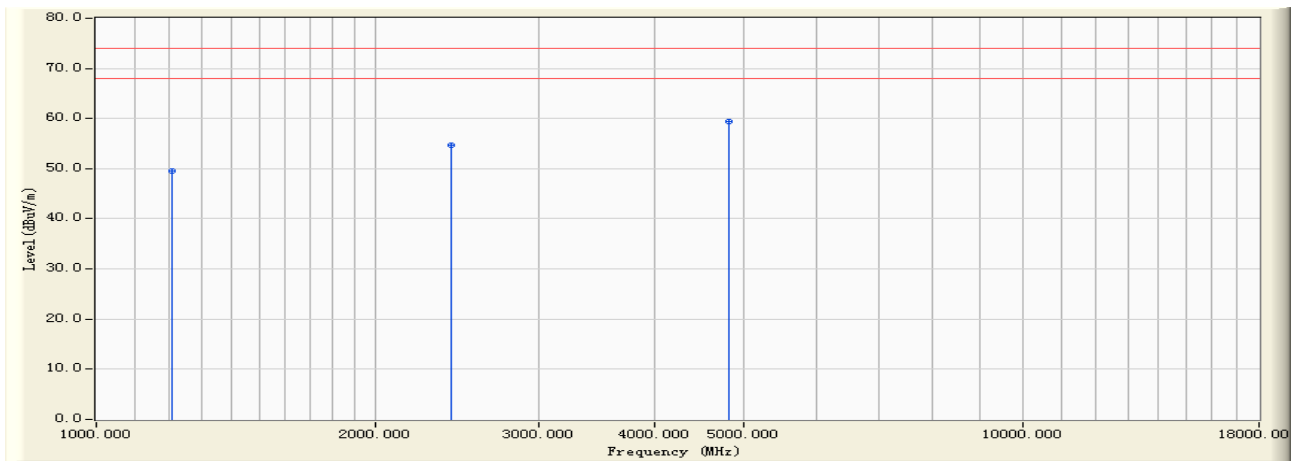
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1209.340	-5.863	42.570	36.707	-17.293	54.000	AVERAGE
2		2412.350	0.429	41.960	42.390	-11.610	54.000	AVERAGE
3	*	4825.370	7.350	37.620	44.971	-9.029	54.000	AVERAGE

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 : 2010/08/23 - 21:23
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2412MHz)



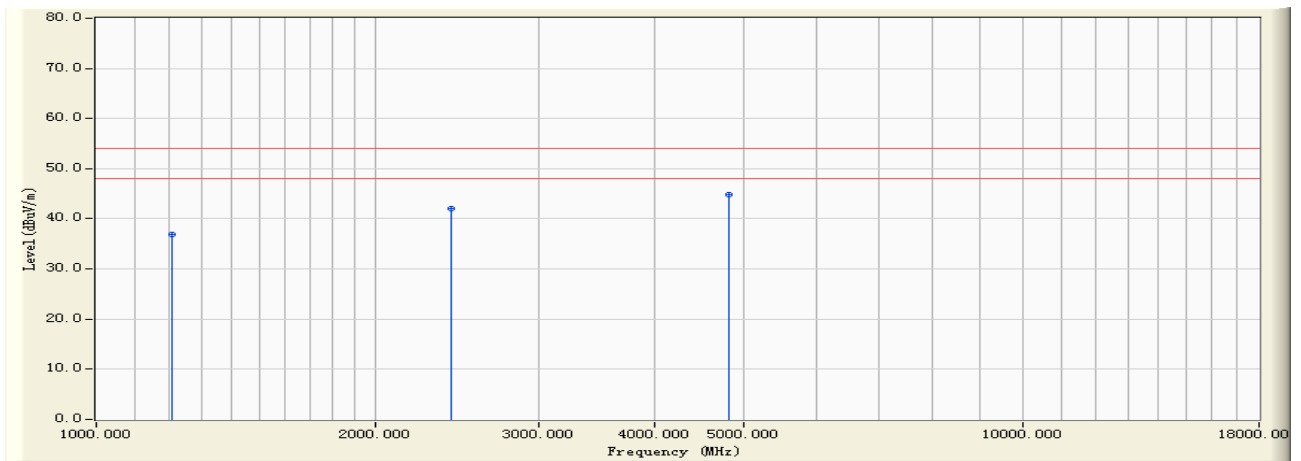
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1208.530	-5.872	55.380	49.509	-24.491	74.000	PEAK
2		2412.340	0.429	54.260	54.690	-19.310	74.000	PEAK
3	*	4826.310	7.353	52.140	59.493	-14.507	74.000	PEAK

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 : 2010/08/23 - 21:23
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2412MHz)



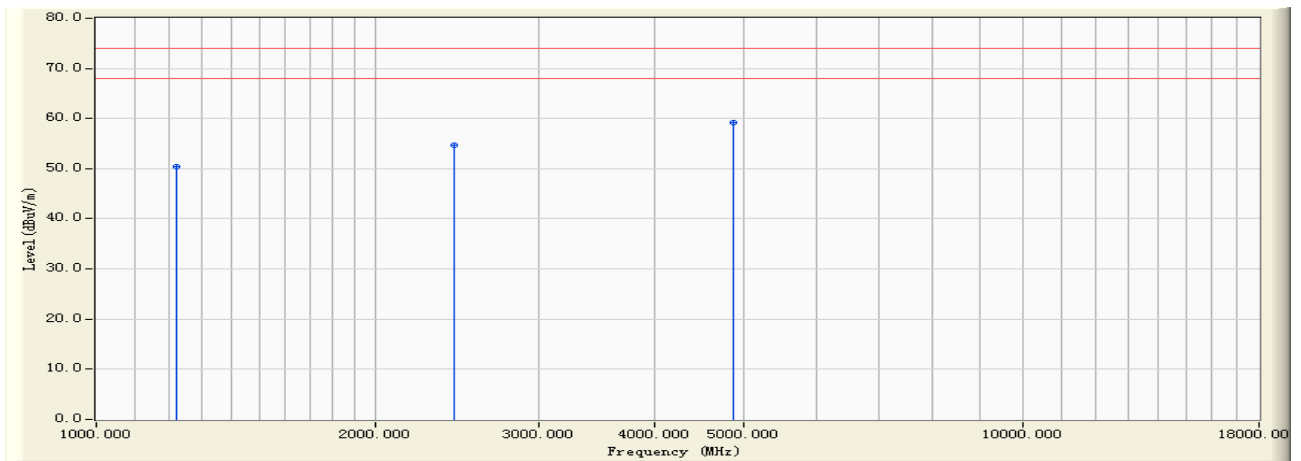
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1208.530	-5.872	42.690	36.819	-17.181	54.000	AVERAGE
2		2412.340	0.429	41.570	42.000	-12.000	54.000	AVERAGE
3	*	4826.310	7.353	37.560	44.913	-9.087	54.000	AVERAGE

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 : 2010/08/23 - 21:24
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2437MHz)



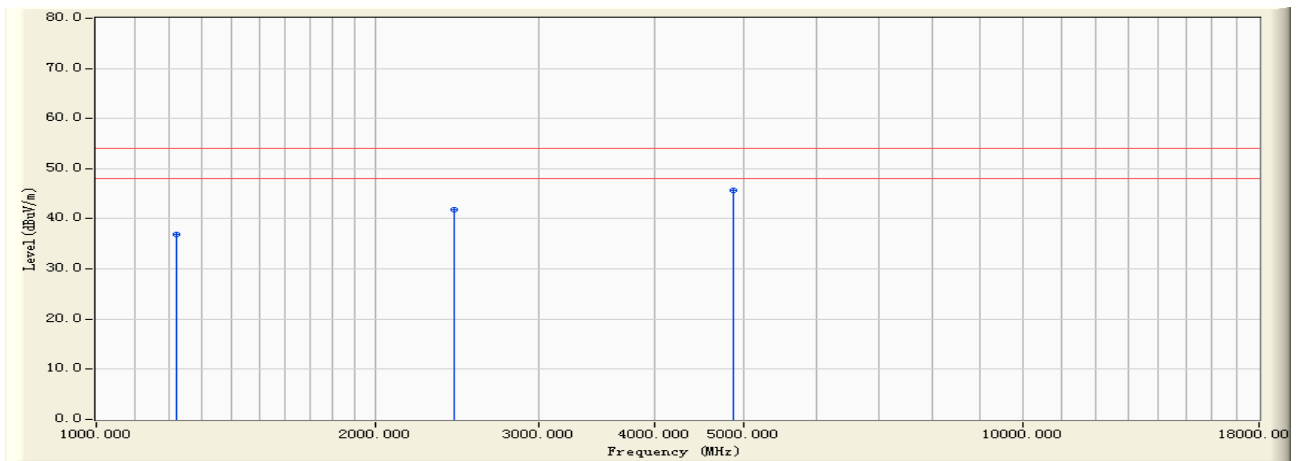
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.400	-5.758	56.240	50.482	-23.518	74.000	PEAK
2		2437.520	0.510	54.210	54.721	-19.279	74.000	PEAK
3	*	4876.240	7.461	51.680	59.141	-14.859	74.000	PEAK

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 : 2010/08/23 - 21:24
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2437MHz)



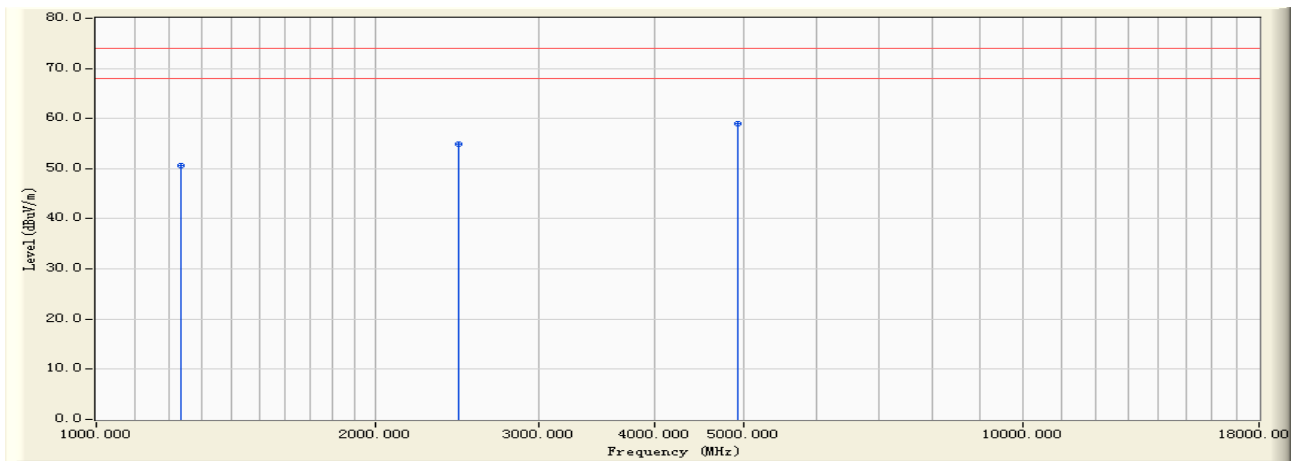
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.400	-5.758	42.690	36.932	-17.068	54.000	AVERAGE
2		2437.520	0.510	41.260	41.771	-12.229	54.000	AVERAGE
3	*	4876.240	7.461	38.320	45.781	-8.219	54.000	AVERAGE

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 : 2010/08/23 - 21:26
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2437MHz)



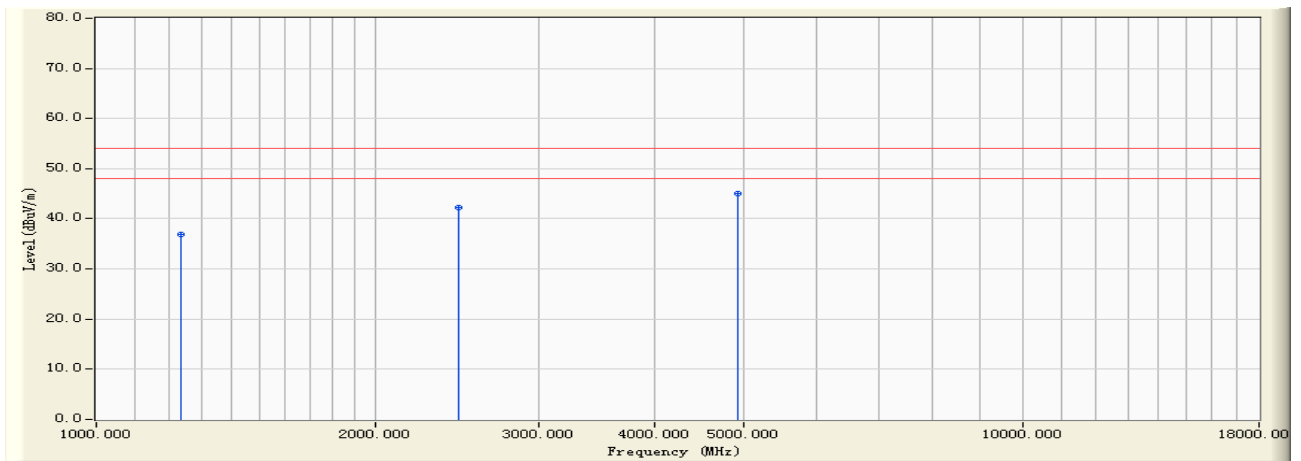
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1234.690	-5.588	56.290	50.702	-23.298	74.000	PEAK
2		2463.570	0.605	54.310	54.915	-19.085	74.000	PEAK
3	*	4926.340	7.570	51.350	58.920	-15.080	74.000	PEAK

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 : 2010/08/23 - 21:26
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2437MHz)



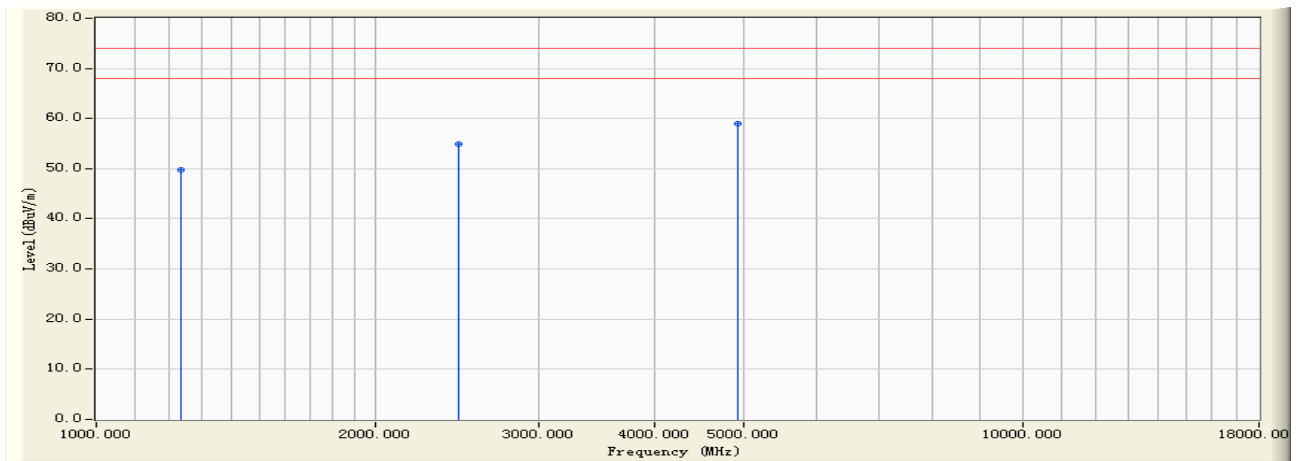
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1234.690	-5.588	42.580	36.992	-17.008	54.000	AVERAGE
2		2463.570	0.605	41.690	42.295	-11.705	54.000	AVERAGE
3	*	4926.340	7.570	37.520	45.090	-8.910	54.000	AVERAGE

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 : 2010/08/23 - 21:27
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2462MHz)



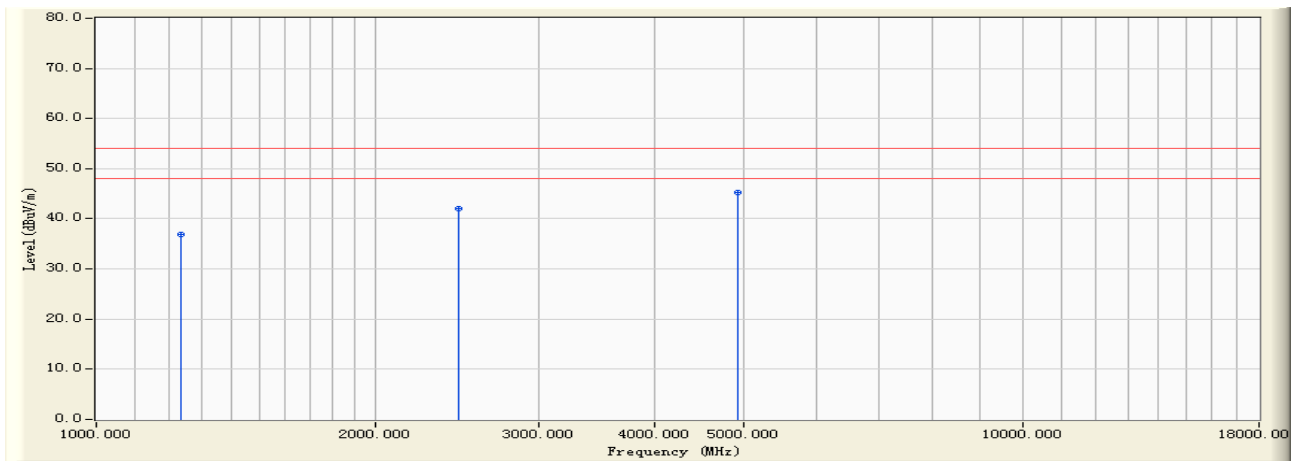
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1234.690	-5.588	55.390	49.802	-24.198	74.000	PEAK
2		2463.540	0.605	54.230	54.835	-19.165	74.000	PEAK
3	*	4925.630	7.569	51.320	58.888	-15.112	74.000	PEAK

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 : 2010/08/23 - 21:27
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2462MHz)



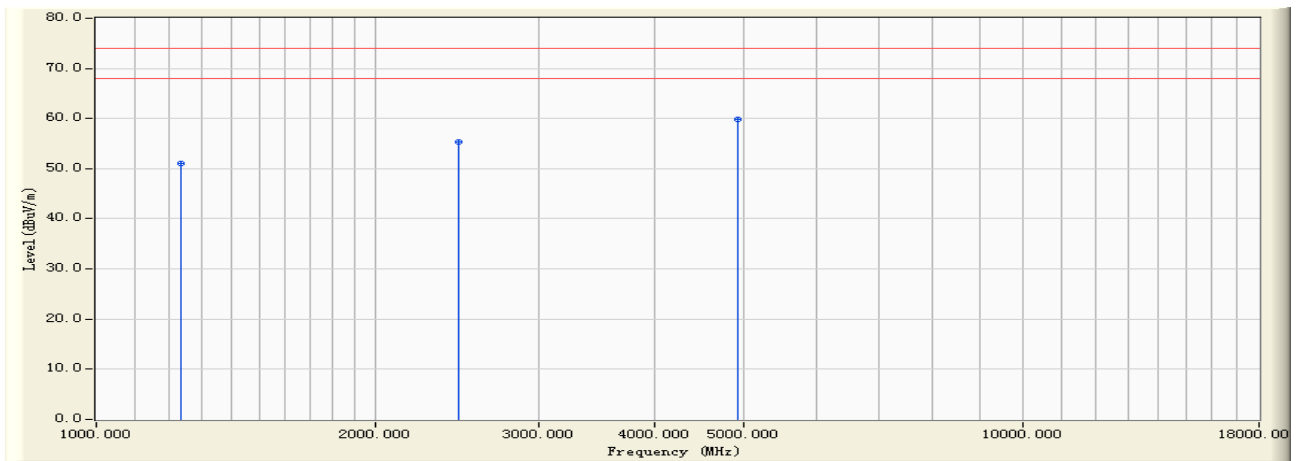
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1234.690	-5.588	42.390	36.802	-17.198	54.000	AVERAGE
2		2463.540	0.605	41.360	41.965	-12.035	54.000	AVERAGE
3	*	4925.630	7.569	37.690	45.258	-8.742	54.000	AVERAGE

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 : 2010/08/23 - 21:28
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2462MHz)



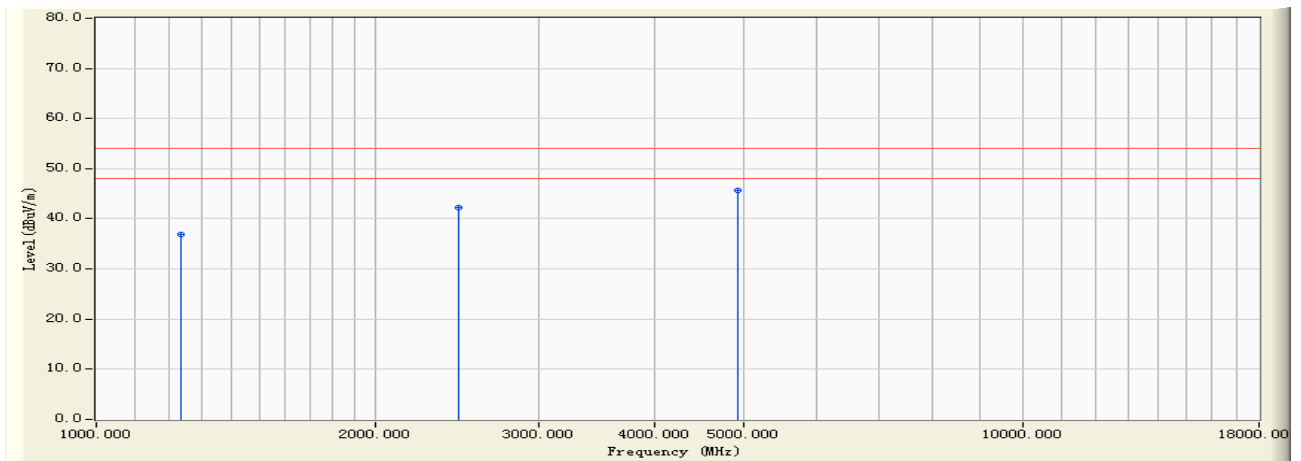
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1234.960	-5.584	56.580	50.995	-23.005	74.000	PEAK
2		2463.510	0.604	54.680	55.285	-18.715	74.000	PEAK
3	*	4926.570	7.570	52.180	59.750	-14.250	74.000	PEAK

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 : 2010/08/23 - 21:28
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2:Transmit by 802.11g (An0) (2462MHz)



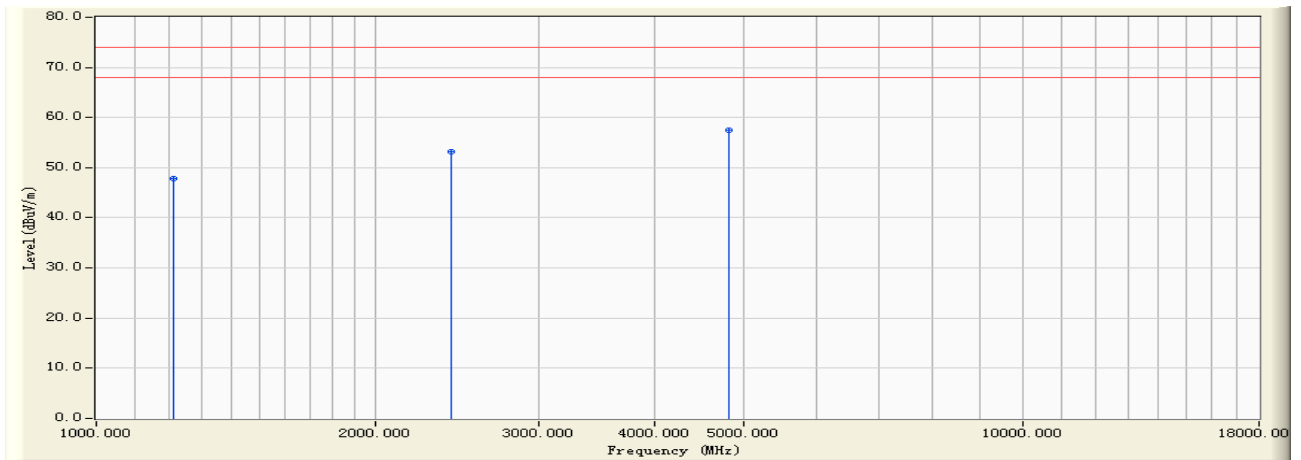
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1234.960	-5.584	42.580	36.995	-17.005	54.000	AVERAGE
2		2463.510	0.604	41.590	42.195	-11.805	54.000	AVERAGE
3	*	4926.570	7.570	38.120	45.690	-8.310	54.000	AVERAGE

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 : 2010/08/30 - 13:23
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



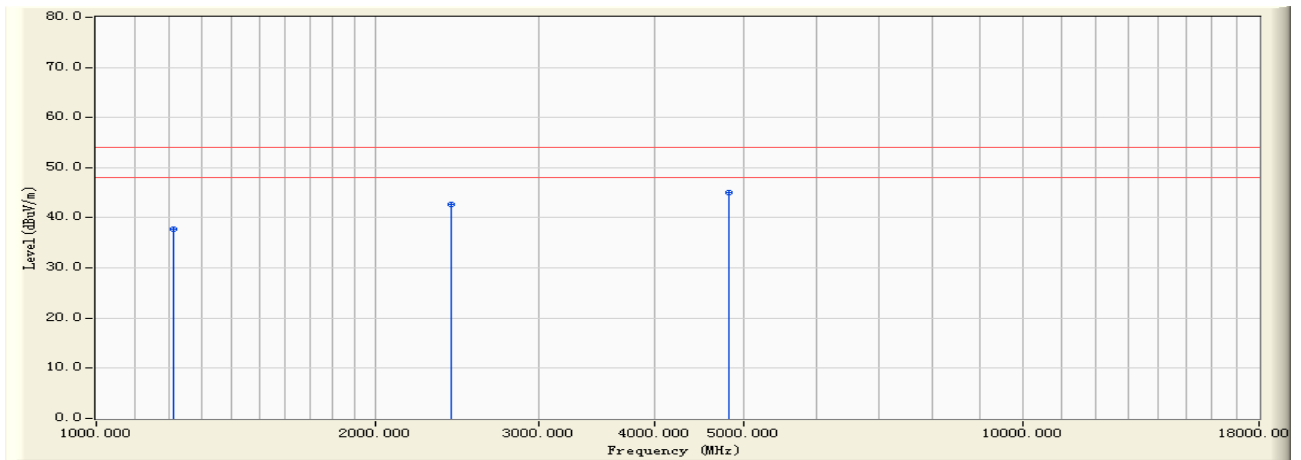
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1210.350	-5.853	53.690	47.838	-26.162	74.000	PEAK
2	2412.050	0.428	52.680	53.109	-20.891	74.000	PEAK
3	* 4824.130	7.347	50.190	57.538	-16.462	74.000	PEAK

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 : 2010/08/30 - 13:23
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



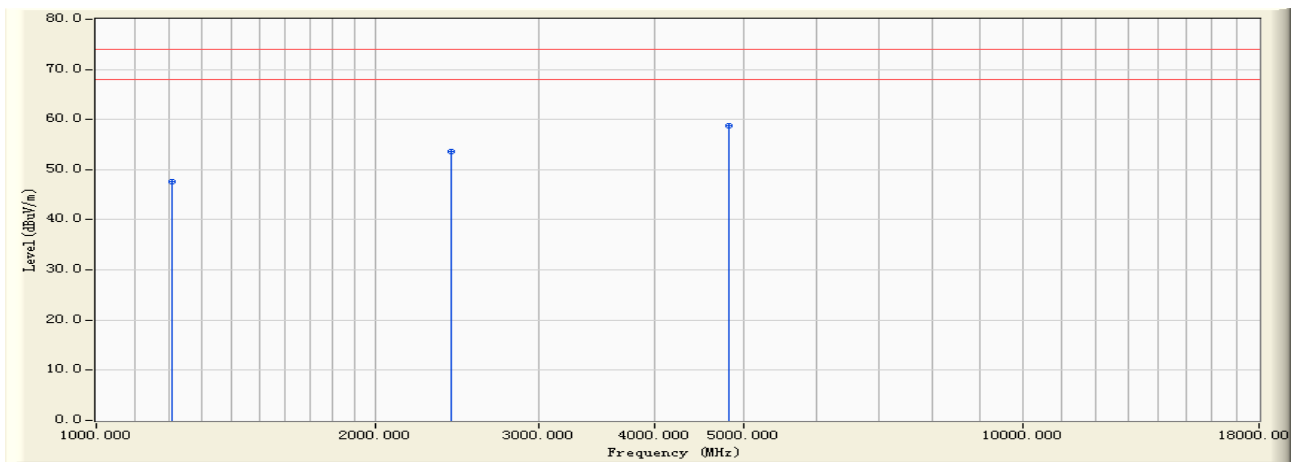
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1210.350	-5.853	43.580	37.728	-16.272	54.000	AVERAGE
2		2412.050	0.428	42.170	42.599	-11.401	54.000	AVERAGE
3	*	4824.130	7.347	37.620	44.968	-9.032	54.000	AVERAGE

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 : 2010/08/30 - 13:24
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



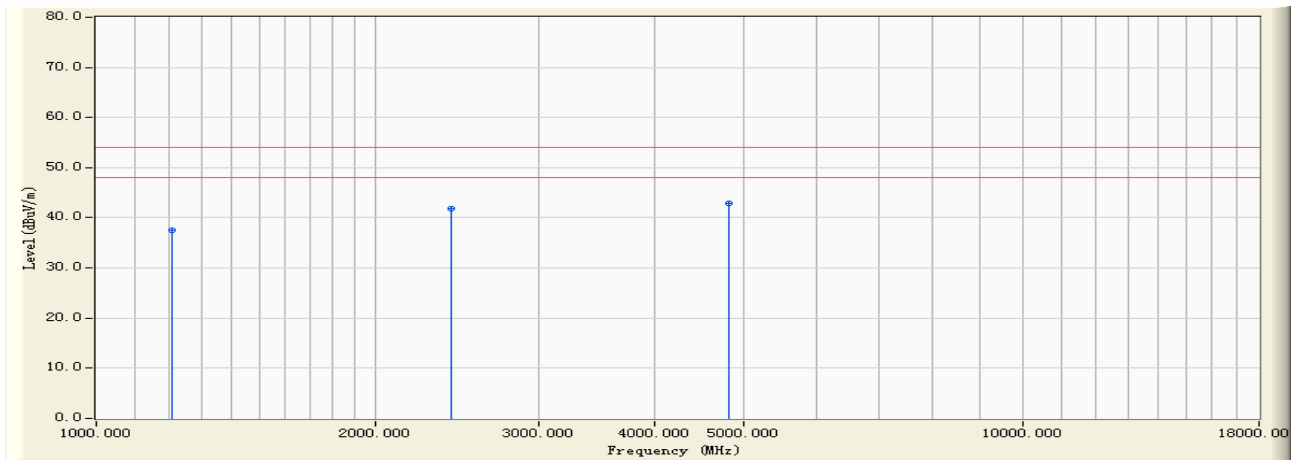
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBUV)	Measure Level (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Detector Type
1		1208.650	-5.871	53.560	47.690	-26.310	74.000	PEAK
2		2412.370	0.429	53.160	53.590	-20.410	74.000	PEAK
3	*	4825.610	7.351	51.350	58.701	-15.299	74.000	PEAK

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 : 2010/08/30 - 13:24
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



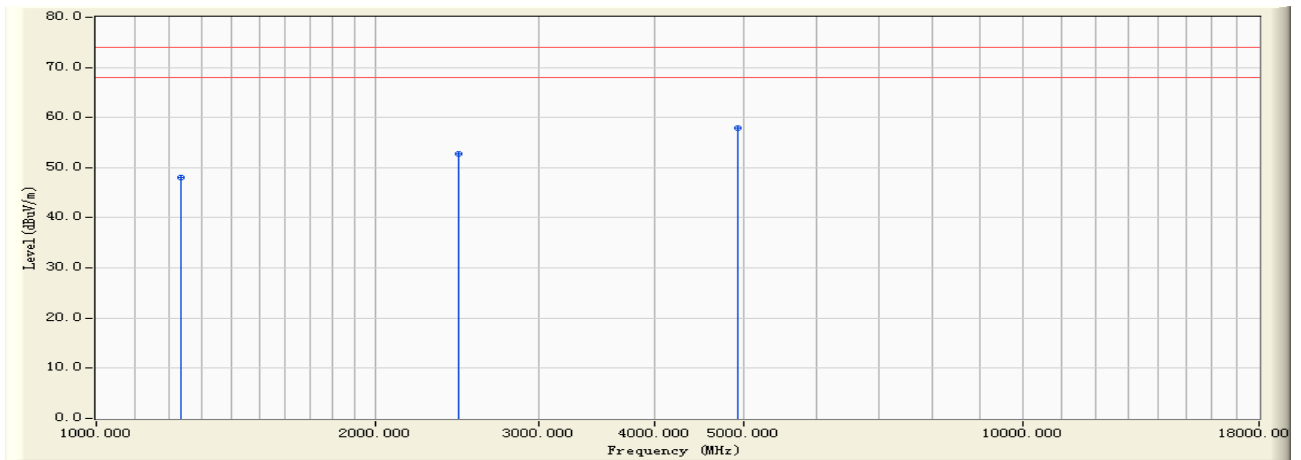
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1208.650	-5.871	43.300	37.430	-16.570	54.000	AVERAGE
2	2412.370	0.429	41.500	41.930	-12.070	54.000	AVERAGE
3	* 4825.610	7.351	35.600	42.951	-11.049	54.000	AVERAGE

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 : 2010/08/30 - 13:25
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)



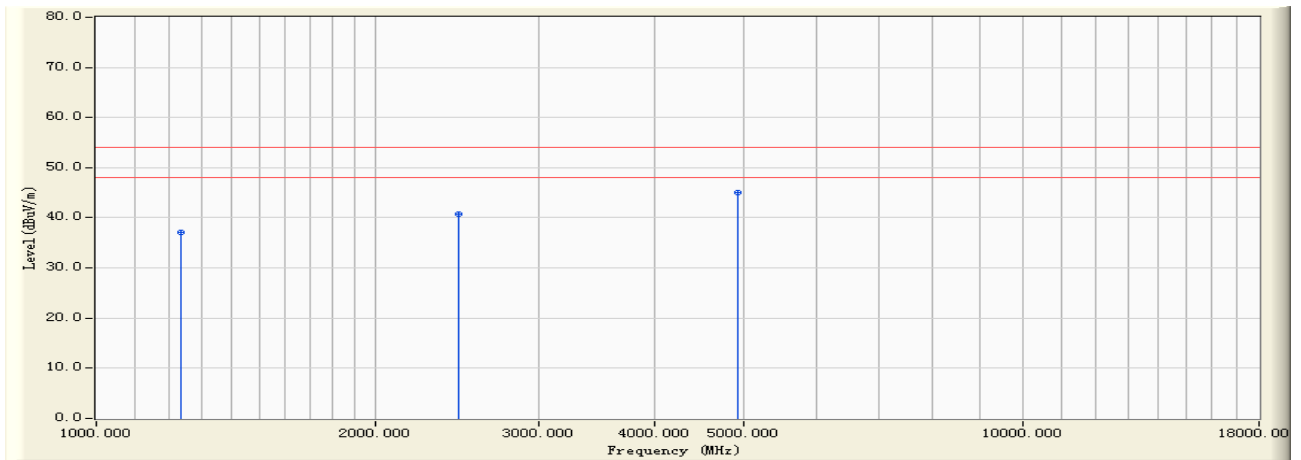
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1233.540	-5.601	53.590	47.989	-26.011	74.000	PEAK
2	2462.050	0.600	52.180	52.780	-21.220	74.000	PEAK
3	* 4926.310	7.570	50.270	57.840	-16.160	74.000	PEAK

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 : 2010/08/30 - 13:25
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)



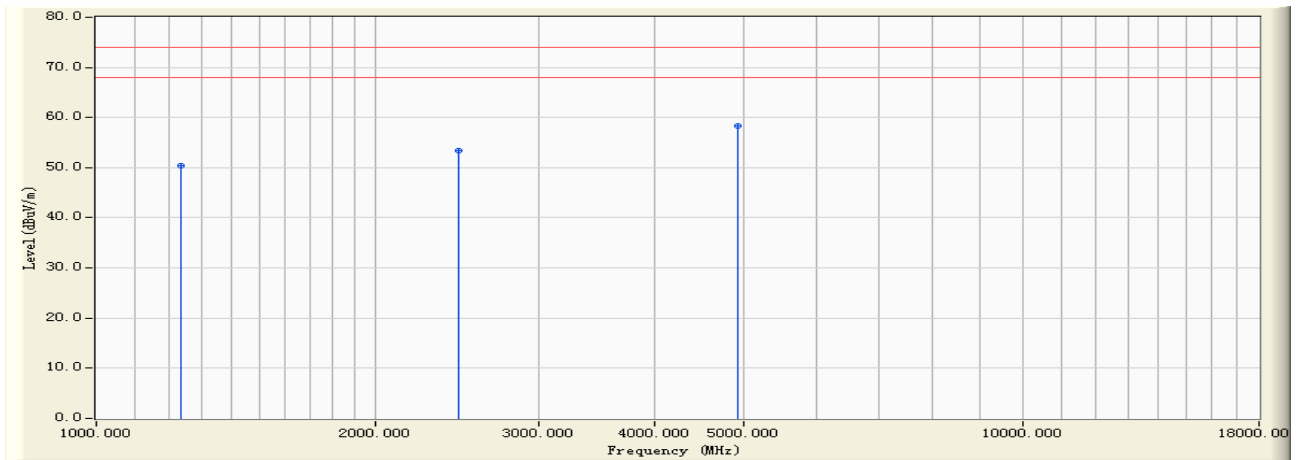
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1233.540	-5.601	42.680	37.079	-16.921	54.000	AVERAGE
2		2462.050	0.600	40.170	40.770	-13.230	54.000	AVERAGE
3	*	4926.310	7.570	37.560	45.130	-8.870	54.000	AVERAGE

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 : 2010/08/30 - 13:26
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)



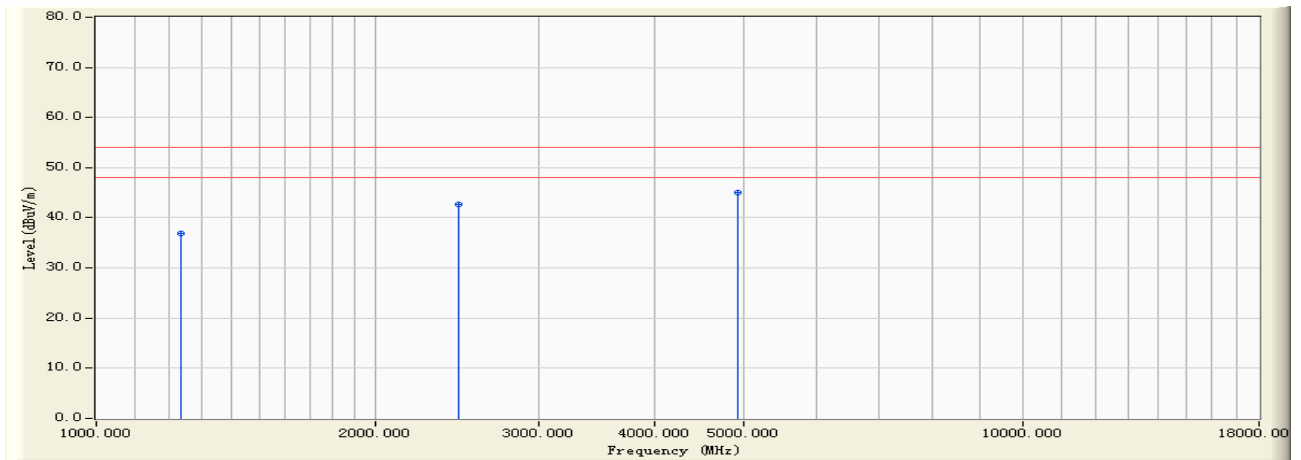
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1233.480	-5.602	56.100	50.498	-23.502	74.000	PEAK
2	2462.100	0.600	52.800	53.400	-20.600	74.000	PEAK
3	* 4926.300	7.570	50.700	58.270	-15.730	74.000	PEAK

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 : 2010/08/30 - 13:26
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)



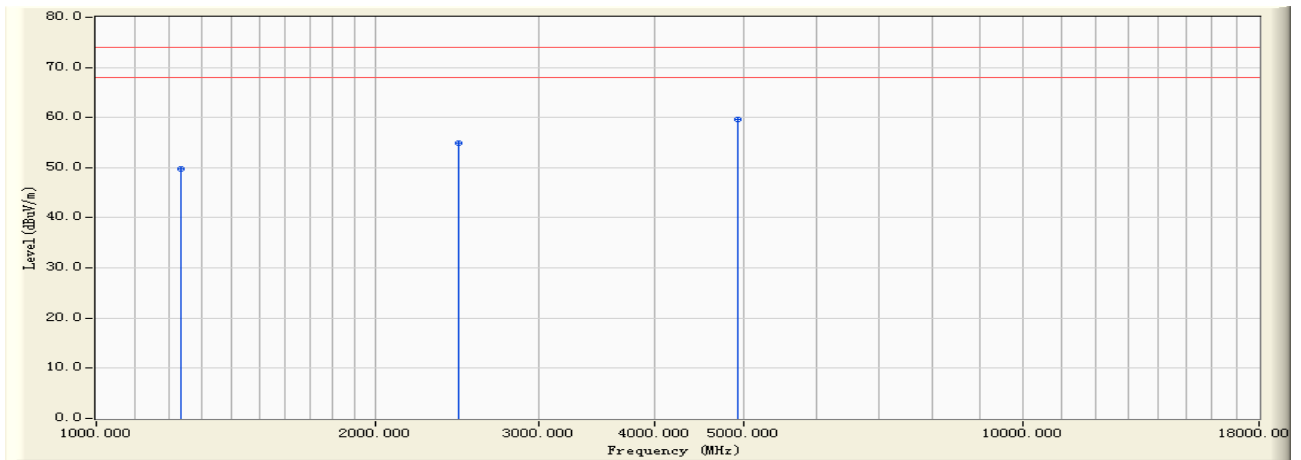
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1233.480	-5.602	42.500	36.898	-17.102	54.000	AVERAGE
2	2462.100	0.600	42.100	42.700	-11.300	54.000	AVERAGE
3	* 4926.300	7.570	37.500	45.070	-8.930	54.000	AVERAGE

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 : 2010/08/30 - 13:27
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



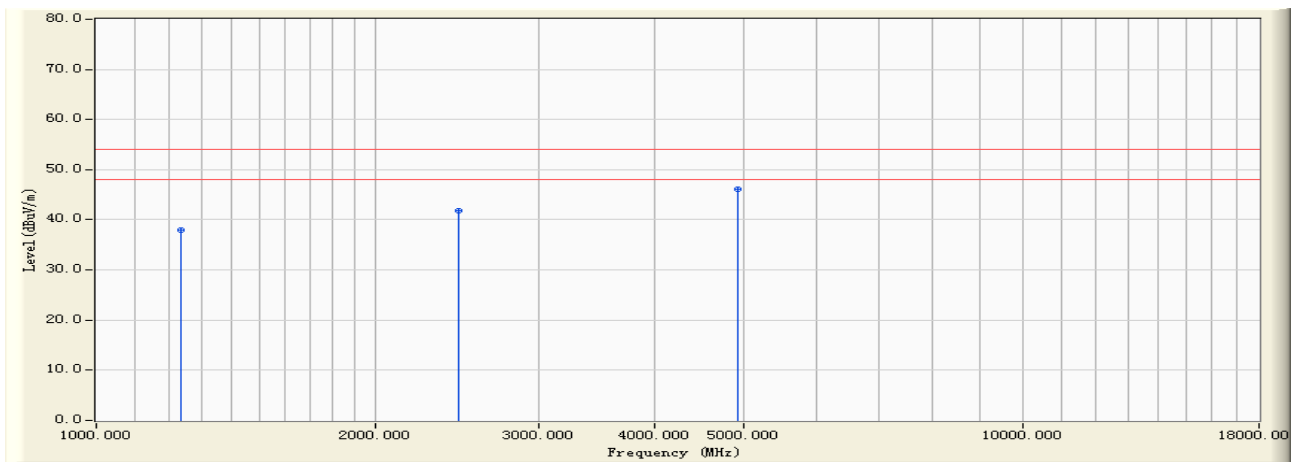
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1233.560	-5.601	55.390	49.789	-24.211	74.000	PEAK
2		2462.150	0.600	54.280	54.880	-19.120	74.000	PEAK
3	*	4926.580	7.570	52.010	59.581	-14.419	74.000	PEAK

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 : 2010/08/30 - 13:27
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



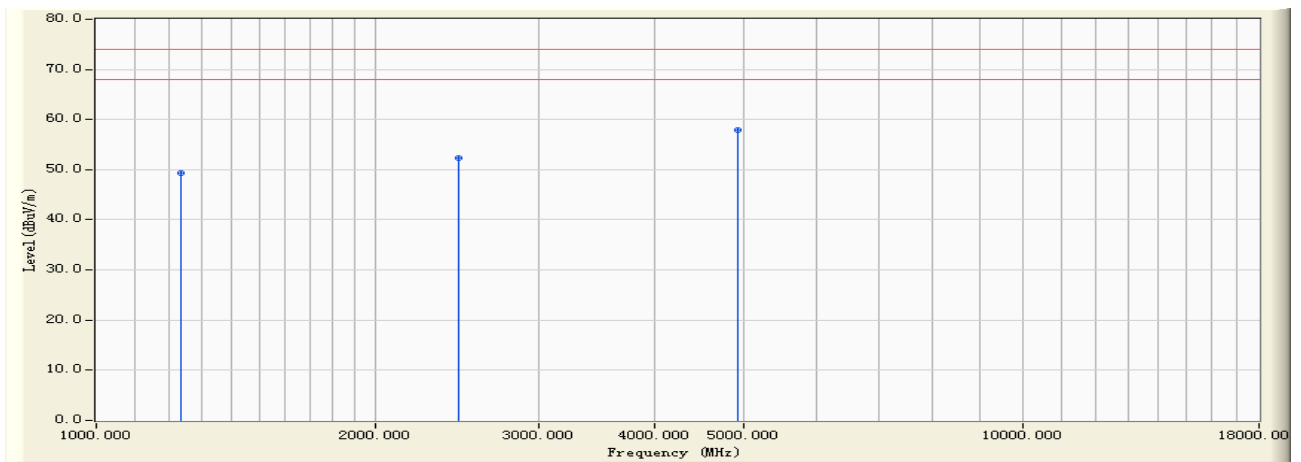
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1233.560	-5.601	43.540	37.939	-16.061	54.000	AVERAGE
2		2462.150	0.600	41.300	41.900	-12.100	54.000	AVERAGE
3	*	4926.580	7.570	38.600	46.171	-7.829	54.000	AVERAGE

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 : 2010/08/30 - 13:28
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



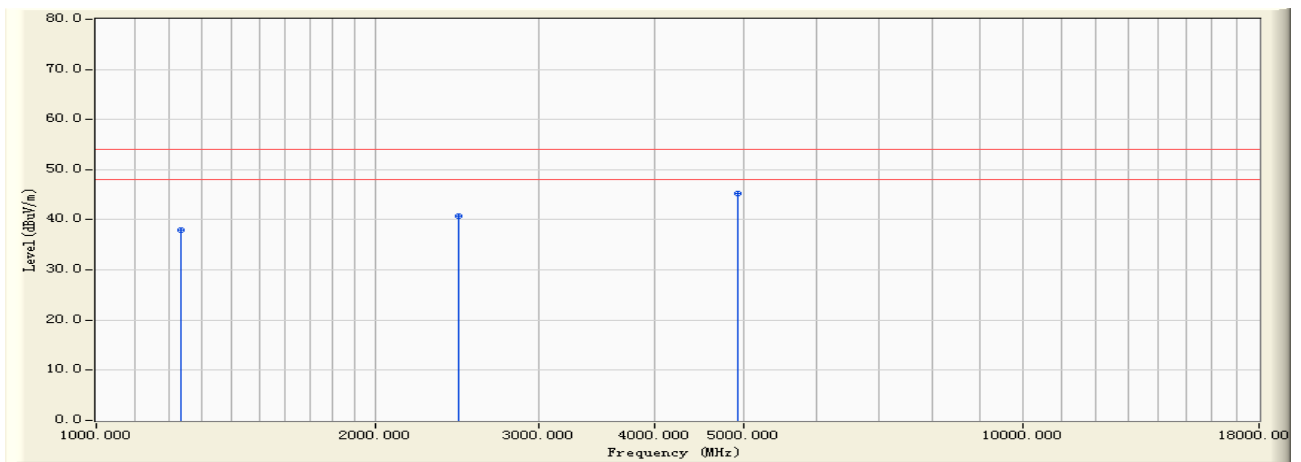
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1235.690	-5.576	54.830	49.253	-24.747	74.000	PEAK
2	2463.500	0.604	51.680	52.285	-21.715	74.000	PEAK
3	* 4925.370	7.567	50.250	57.817	-16.183	74.000	PEAK

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 : 2010/08/30 - 13:28
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



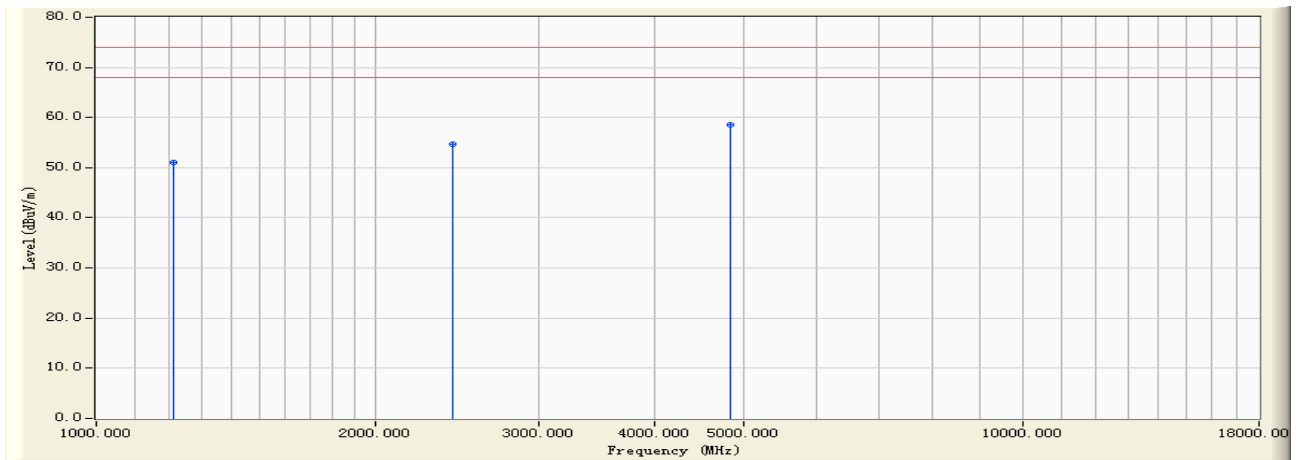
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1235.690	-5.576	43.580	38.003	-15.997	54.000	AVERAGE
2		2463.500	0.604	40.180	40.785	-13.215	54.000	AVERAGE
3	*	4925.370	7.567	37.640	45.207	-8.793	54.000	AVERAGE

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 : 2010/08/30 - 13:31
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



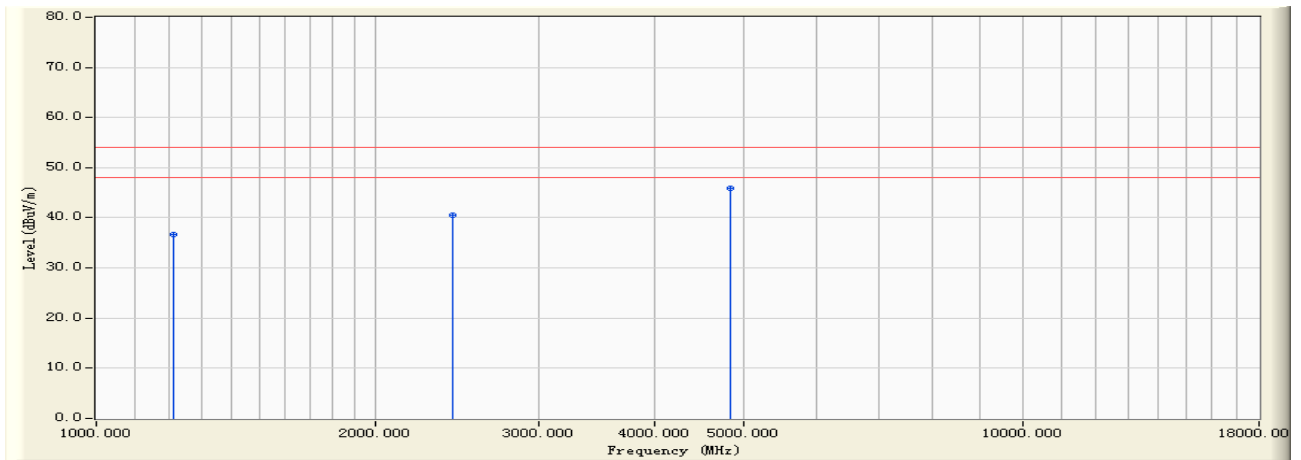
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1213.500	-5.820	56.800	50.980	-23.020	74.000	PEAK
2		2422.010	0.463	54.130	54.593	-19.407	74.000	PEAK
3	*	4845.600	7.392	51.080	58.473	-15.527	74.000	PEAK

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 : 2010/08/30 - 13:31
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



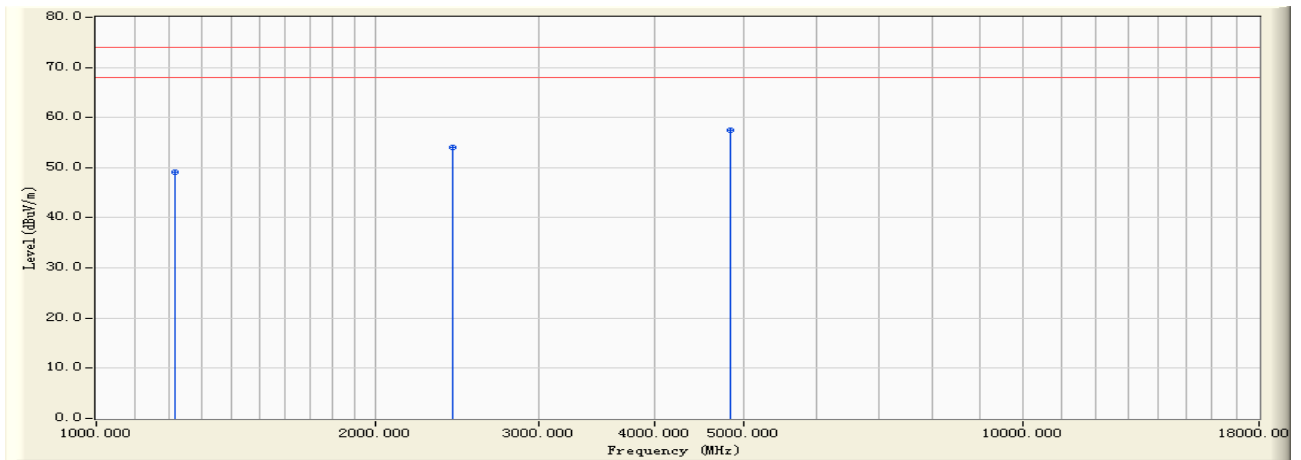
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1213.500	-5.820	42.590	36.770	-17.230	54.000	AVERAGE
2		2422.010	0.463	40.180	40.643	-13.357	54.000	AVERAGE
3	*	4845.600	7.392	38.610	46.003	-7.997	54.000	AVERAGE

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 : 2010/08/30 - 13:32
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



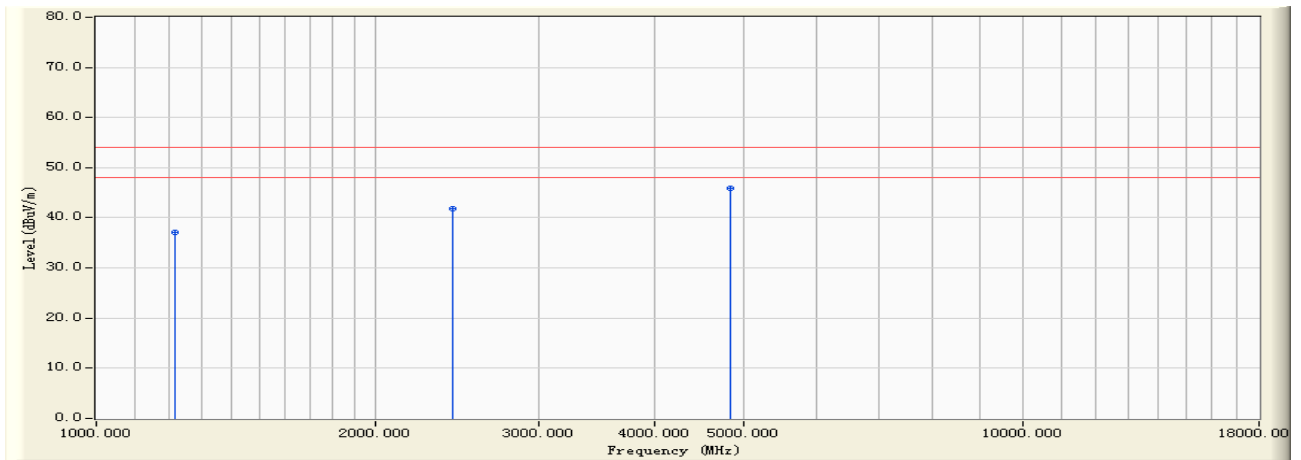
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1215.670	-5.796	54.860	49.063	-24.937	74.000	PEAK
2		2423.600	0.469	53.580	54.048	-19.952	74.000	PEAK
3	*	4845.620	7.392	50.180	57.573	-16.427	74.000	PEAK

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 : 2010/08/30 - 13:32
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



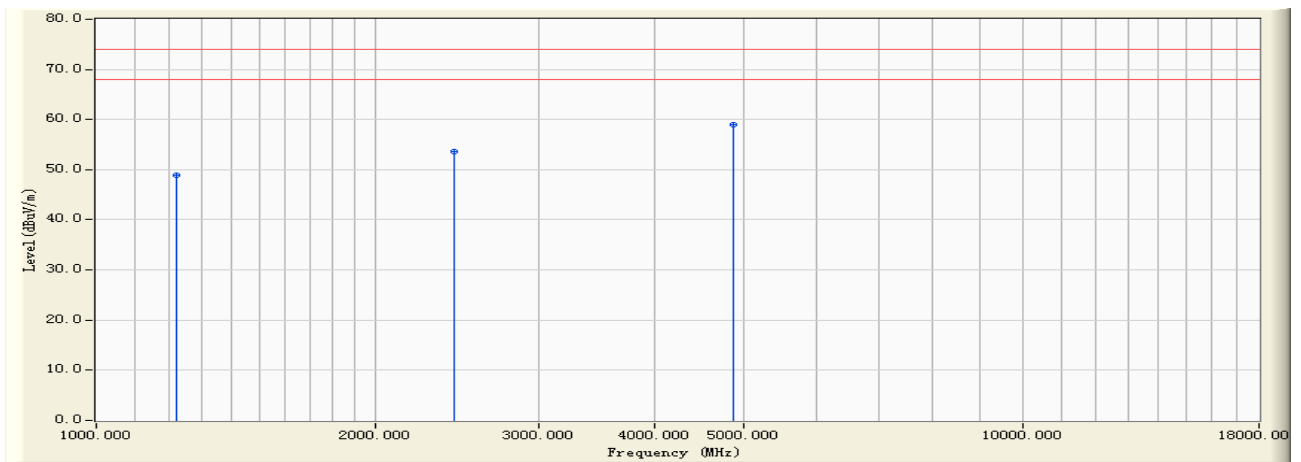
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1215.670	-5.796	42.810	37.013	-16.987	54.000	AVERAGE
2		2423.600	0.469	41.350	41.818	-12.182	54.000	AVERAGE
3	*	4845.620	7.392	38.560	45.953	-8.047	54.000	AVERAGE

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 : 2010/08/30 - 13:34
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)



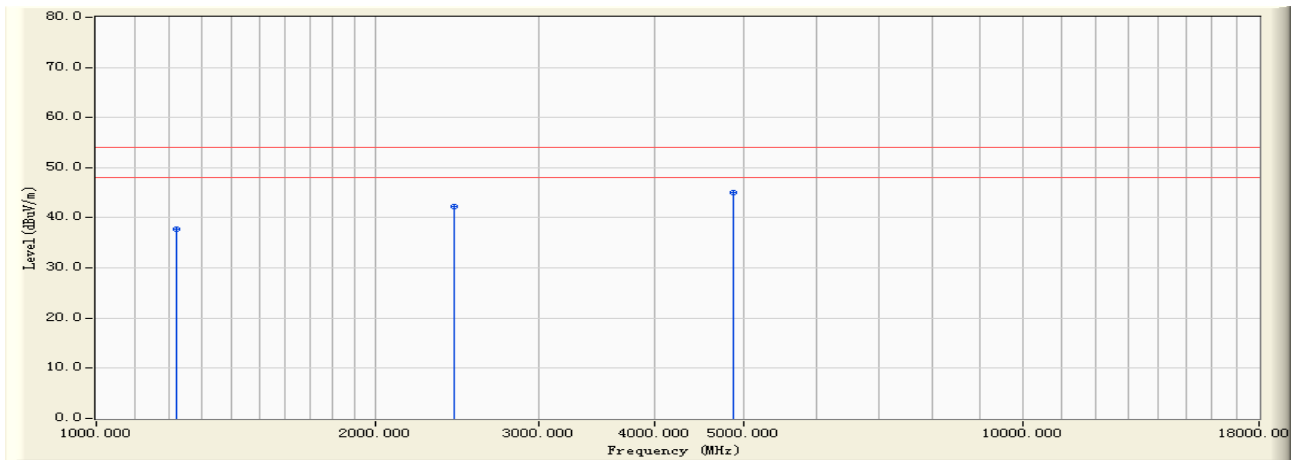
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.650	-5.744	54.600	48.855	-25.145	74.000	PEAK
2		2437.500	0.510	53.060	53.571	-20.429	74.000	PEAK
3	*	4875.060	7.459	51.540	58.999	-15.001	74.000	PEAK

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 : 2010/08/30 - 13:34
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)



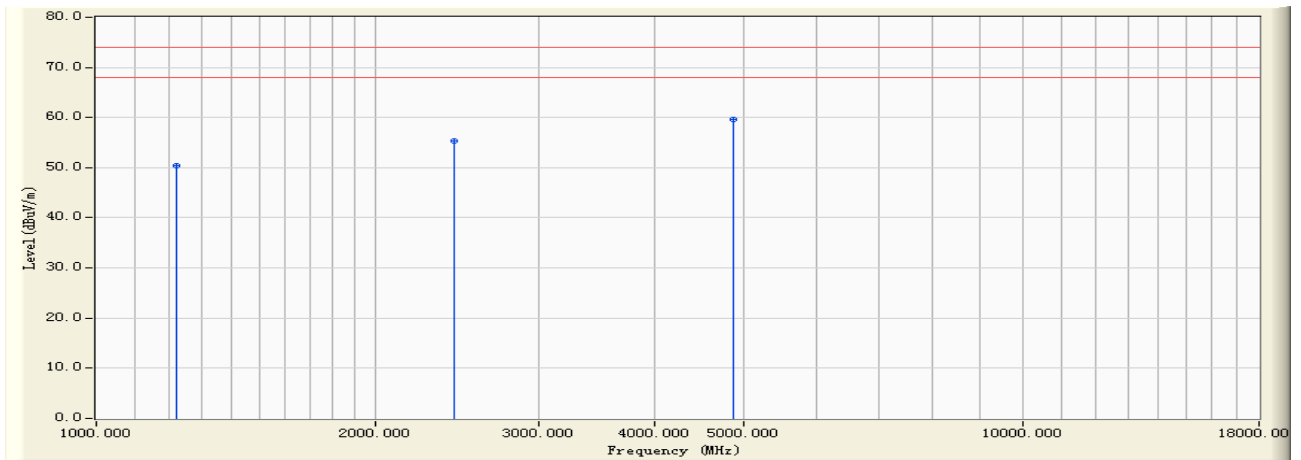
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.650	-5.744	43.570	37.825	-16.175	54.000	AVERAGE
2		2437.500	0.510	41.690	42.201	-11.799	54.000	AVERAGE
3	*	4875.060	7.459	37.620	45.079	-8.921	54.000	AVERAGE

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 : 2010/08/30 - 13:35
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)



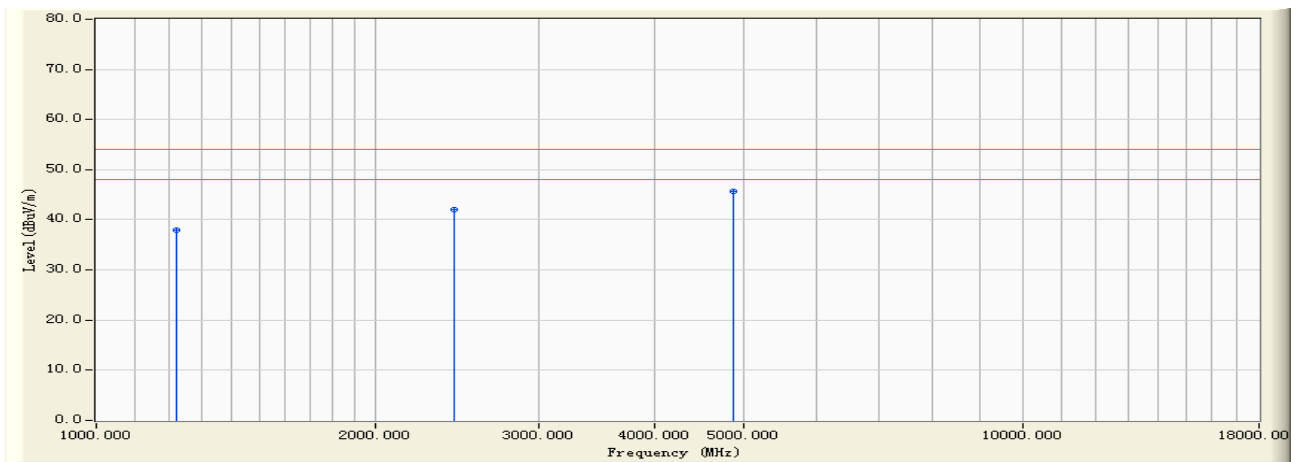
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1221.300	-5.738	56.200	50.462	-23.538	74.000	PEAK
2		2437.060	0.509	54.860	55.369	-18.631	74.000	PEAK
3	*	4875.600	7.460	52.100	59.560	-14.440	74.000	PEAK

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 : 2010/08/30 - 13:35
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)



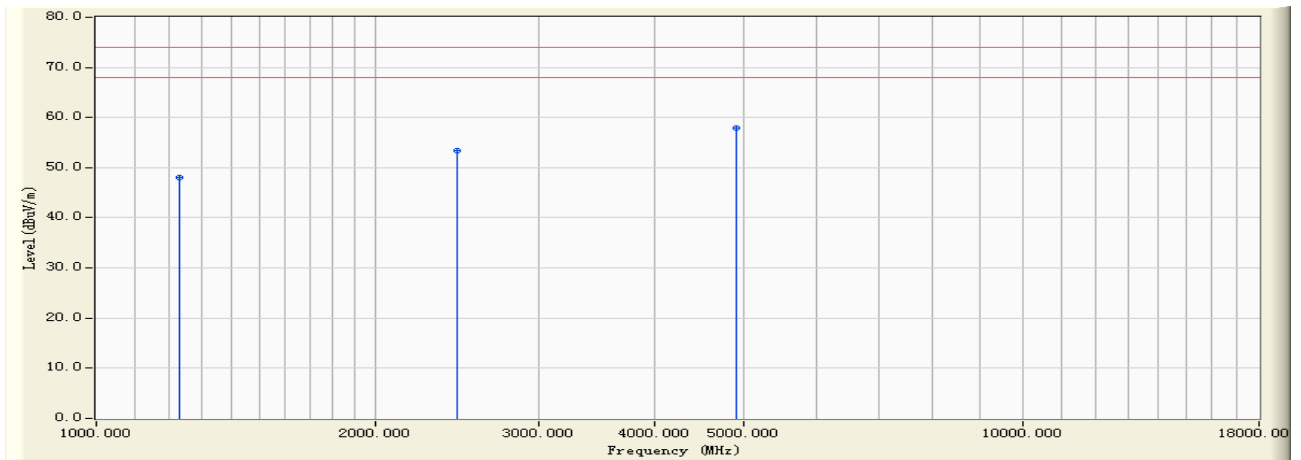
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	1221.300	-5.738	43.600	37.862	-16.138	54.000	AVERAGE
2	2437.060	0.509	41.500	42.009	-11.991	54.000	AVERAGE
3	* 4875.600	7.460	38.200	45.660	-8.340	54.000	AVERAGE

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 : 2010/08/30 - 13:36
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



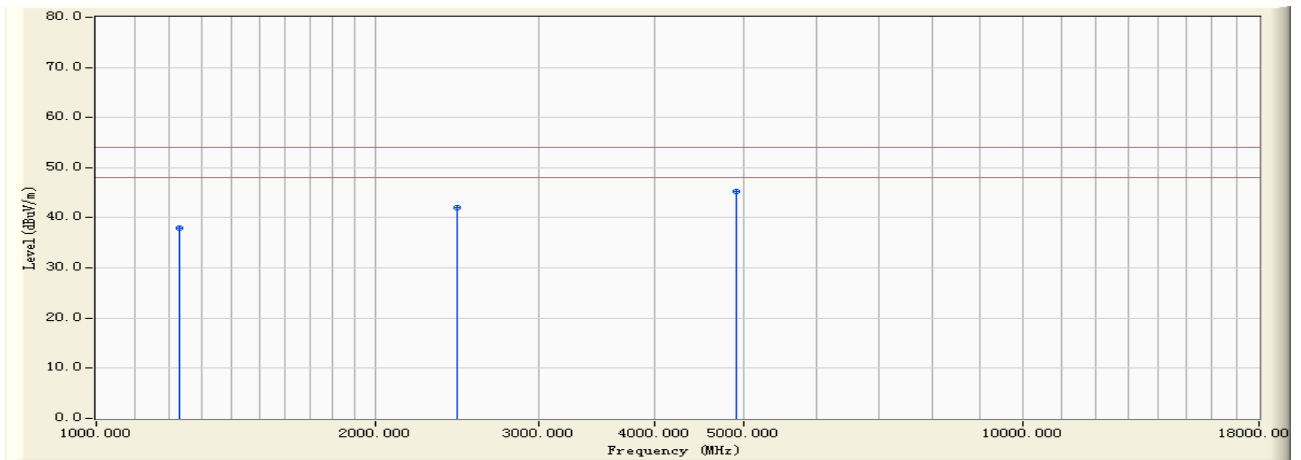
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.600	-5.657	53.600	47.943	-26.057	74.000	PEAK
2		2452.300	0.560	52.800	53.361	-20.639	74.000	PEAK
3	*	4905.300	7.526	50.480	58.007	-15.993	74.000	PEAK

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 : 2010/08/30 - 13:36
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



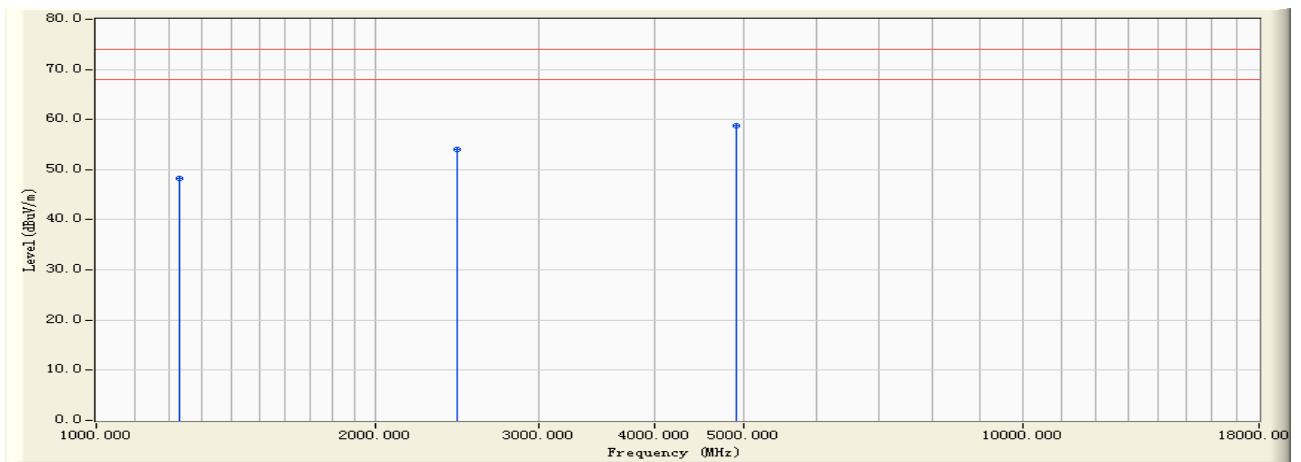
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.600	-5.657	43.590	37.933	-16.067	54.000	AVERAGE
2		2452.300	0.560	41.580	42.141	-11.859	54.000	AVERAGE
3	*	4905.300	7.526	37.690	45.217	-8.783	54.000	AVERAGE

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 : 2010/08/30 - 13:37
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



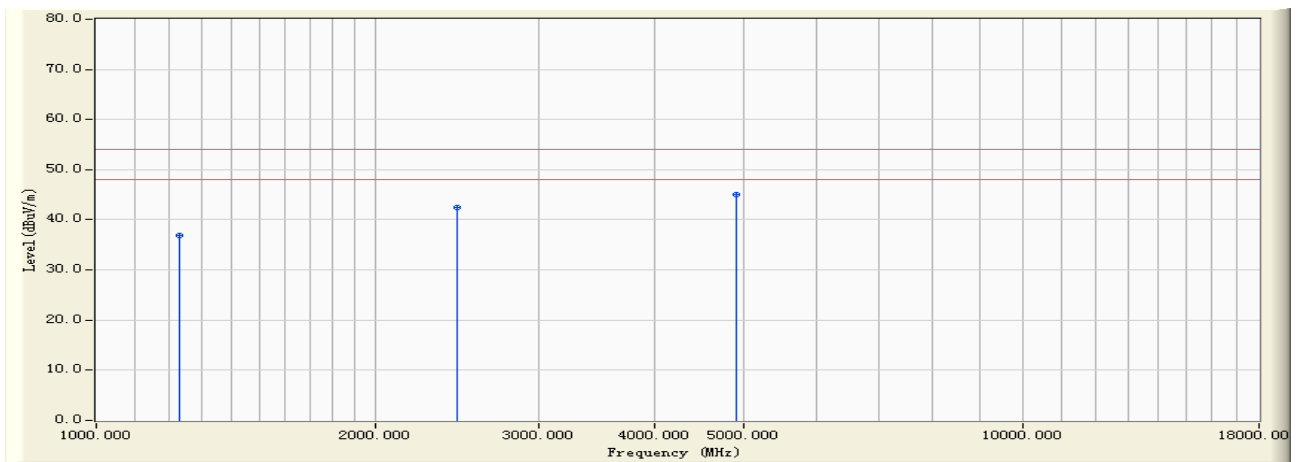
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.390	-5.660	53.890	48.230	-25.770	74.000	PEAK
2		2452.310	0.560	53.450	54.011	-19.989	74.000	PEAK
3	*	4905.130	7.526	51.290	58.816	-15.184	74.000	PEAK

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 : 2010/08/30 - 13:37
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



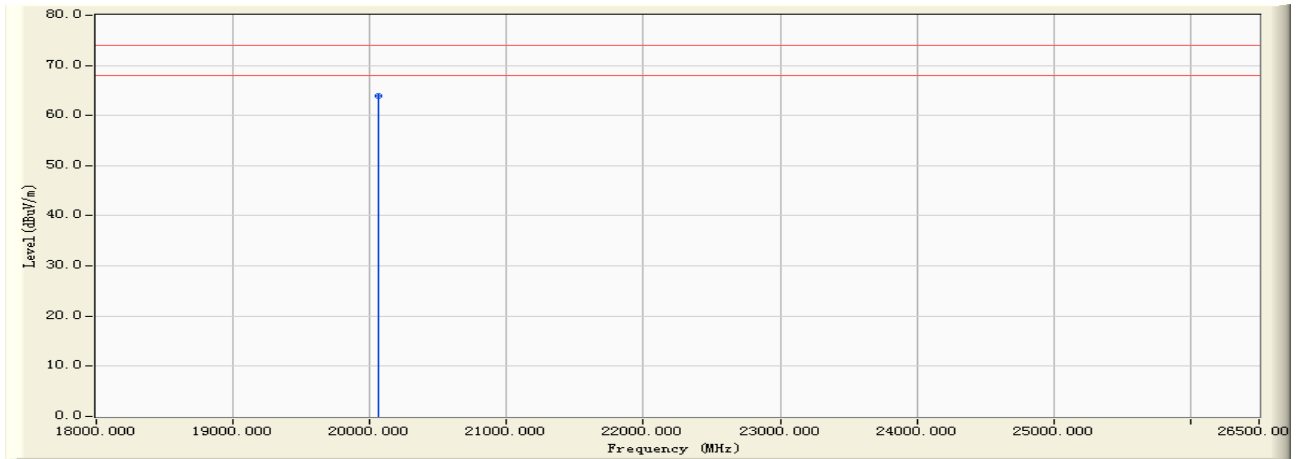
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.390	-5.660	42.580	36.920	-17.080	54.000	AVERAGE
2		2452.310	0.560	41.870	42.431	-11.569	54.000	AVERAGE
3	*	4905.130	7.526	37.620	45.146	-8.854	54.000	AVERAGE

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 : 2010/08/24 - 19:41
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)



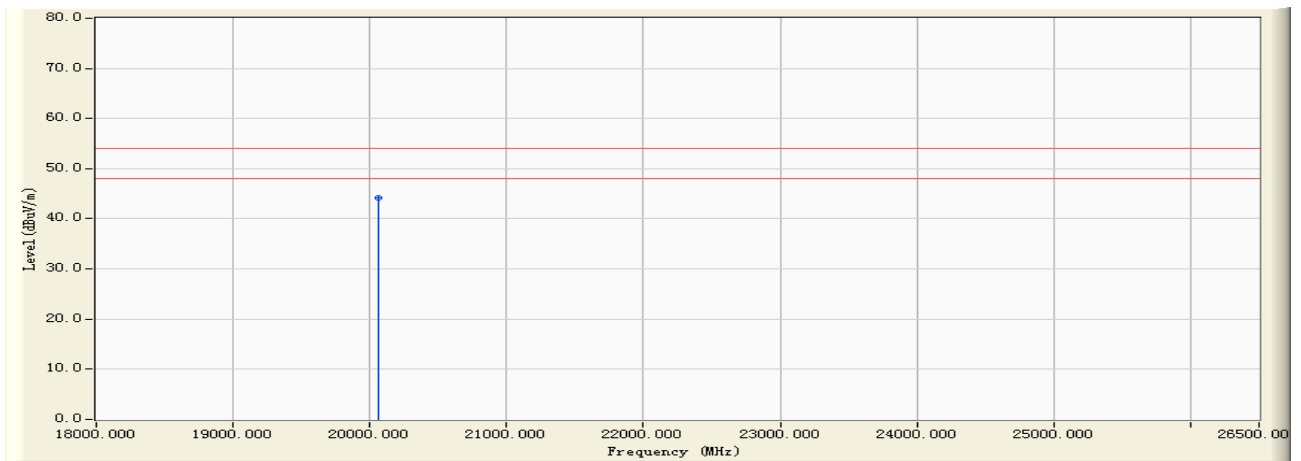
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20063.200	9.862	53.990	63.852	-10.148	74.000	PEAK

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 : 2010/08/24 - 19:41
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)



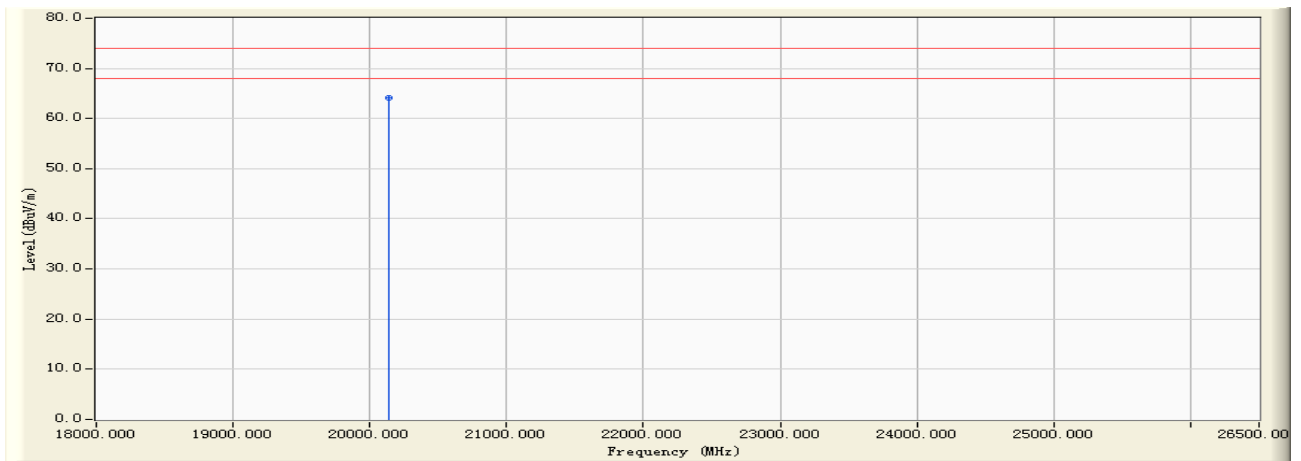
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20063.200	9.862	34.260	44.122	-9.878	54.000	AVERAGE

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 : 2010/08/24 - 19:42
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)



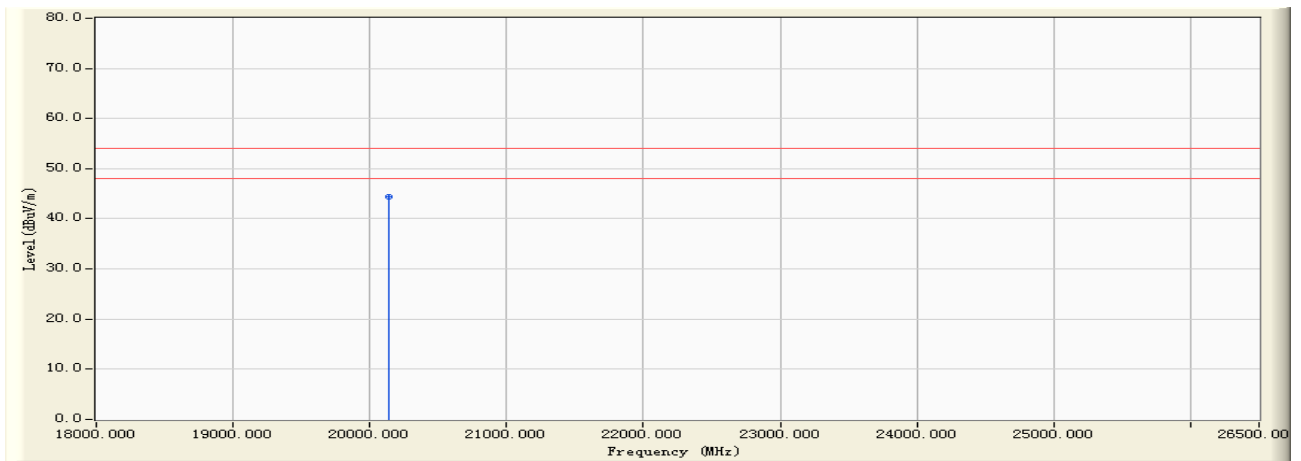
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20135.400	9.867	54.280	64.147	-9.853	74.000	PEAK

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 : 2010/08/24 - 19:42
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)



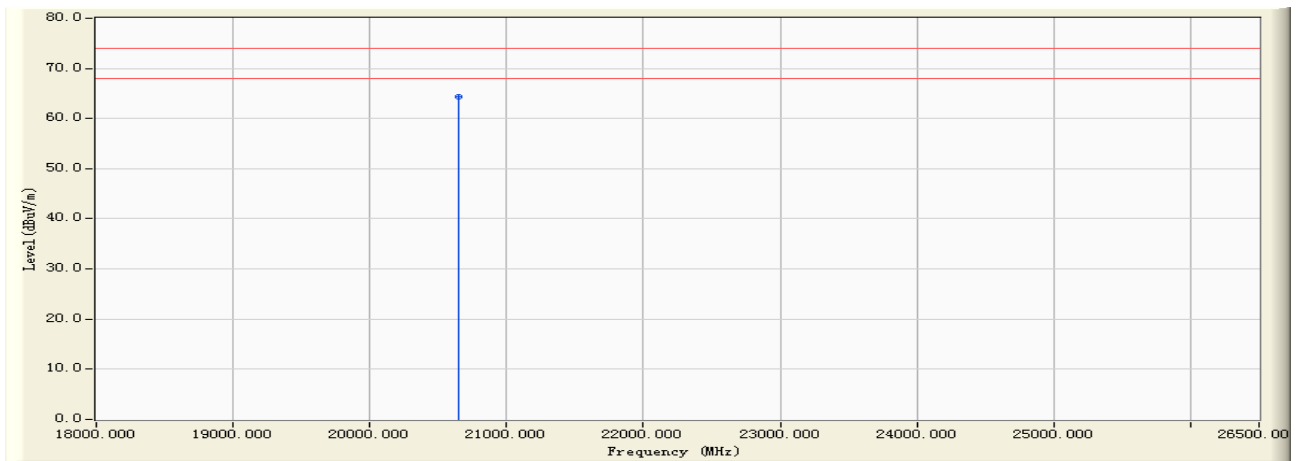
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20135.400	9.867	34.620	44.487	-9.513	54.000	AVERAGE

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 : 2010/08/24 - 19:42
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)



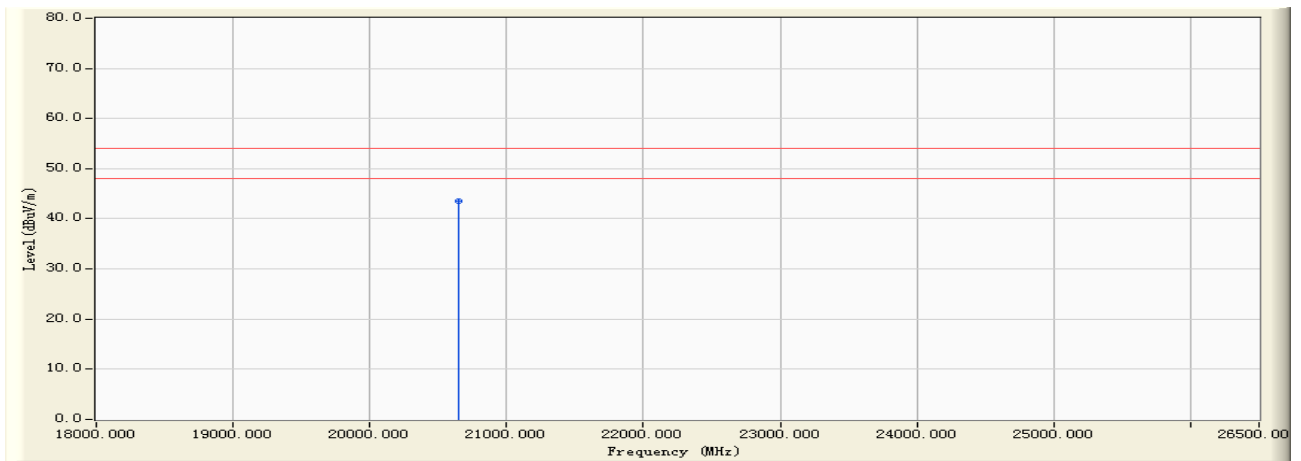
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20653.200	9.985	54.260	64.245	-9.755	74.000	PEAK

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 : 2010/08/24 - 19:42
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)



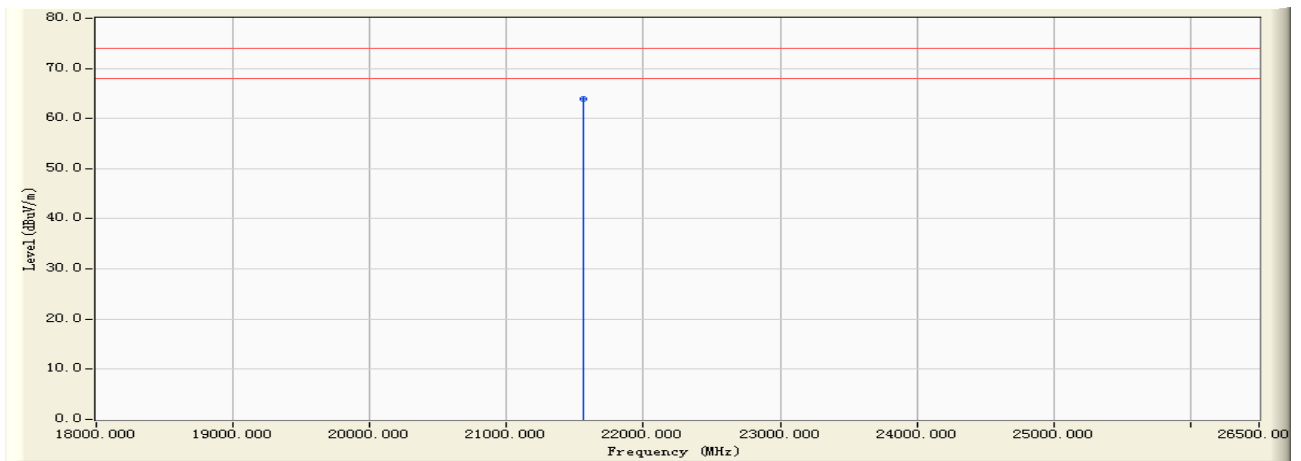
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20653.200	9.985	33.520	43.505	-10.495	54.000	AVERAGE

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 : 2010/08/24 - 19:43
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)



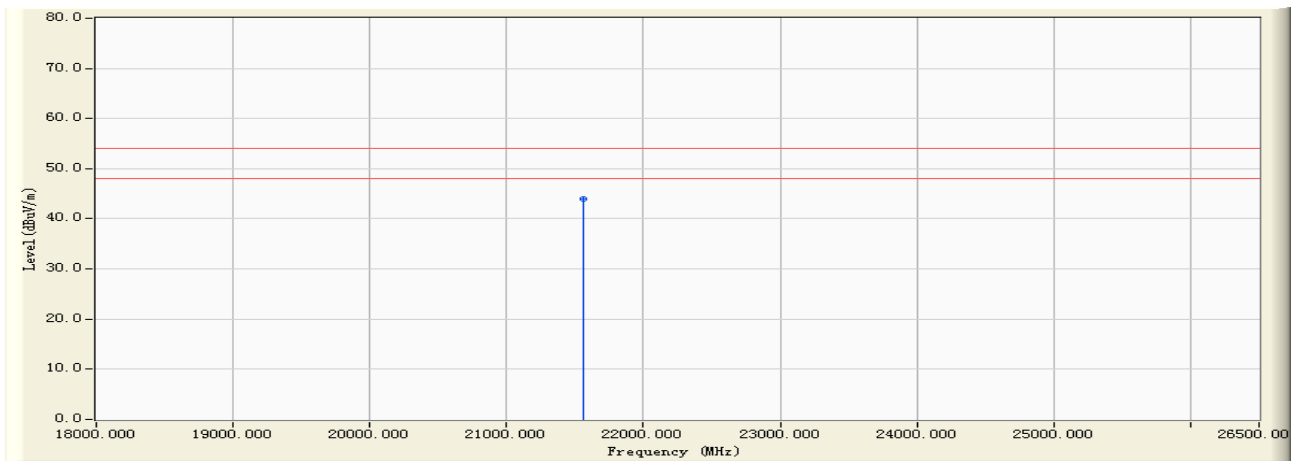
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21562.900	11.381	52.580	63.961	-10.039	74.000	PEAK

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 : 2010/08/24 - 19:43
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)



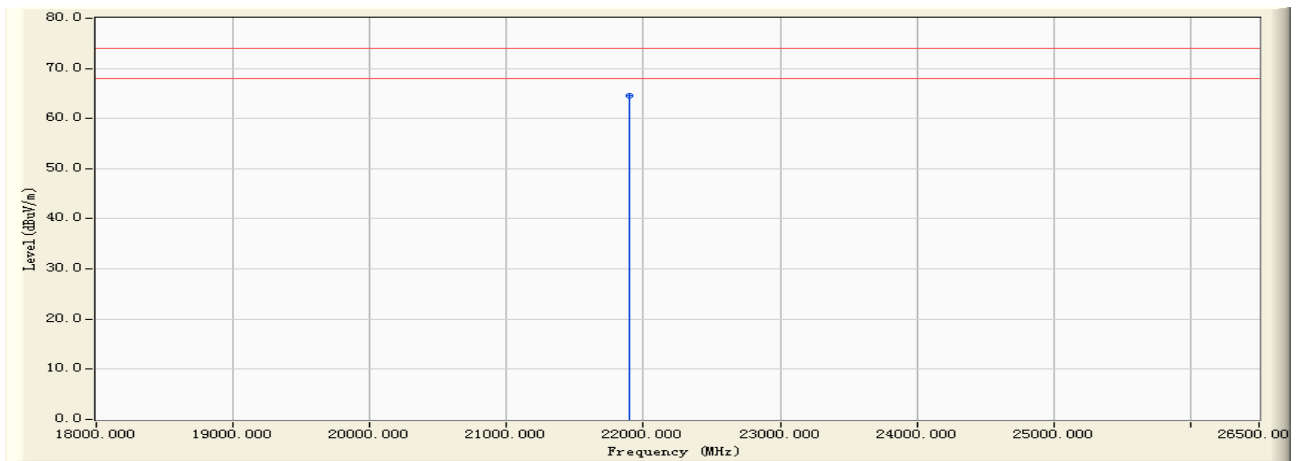
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21562.900	11.381	32.570	43.951	-10.049	54.000	AVERAGE

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 : 2010/08/24 - 19:44
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)



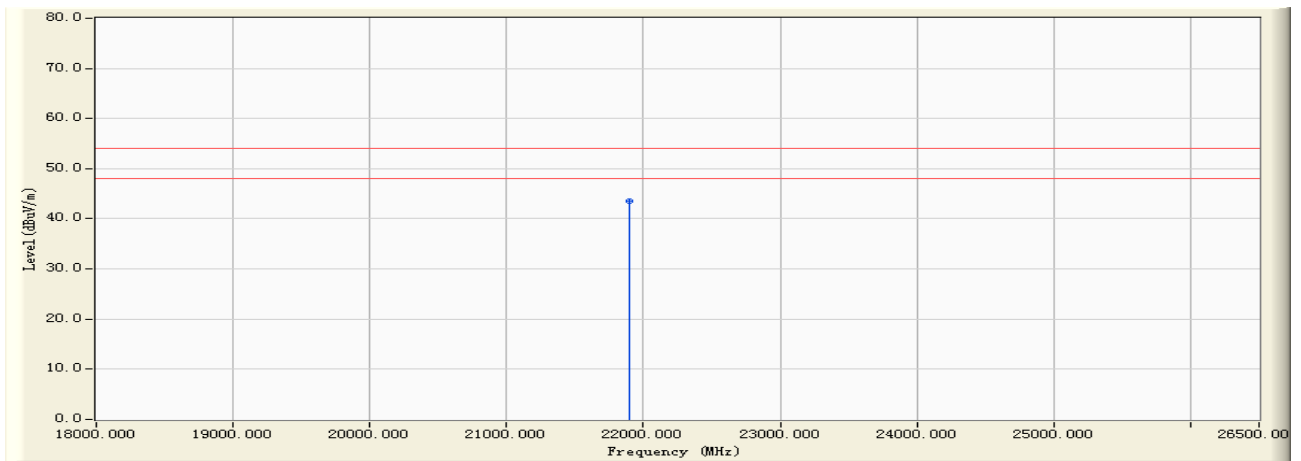
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21893.100	12.036	52.570	64.606	-9.394	74.000	PEAK

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 : 2010/08/24 - 19:44
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)



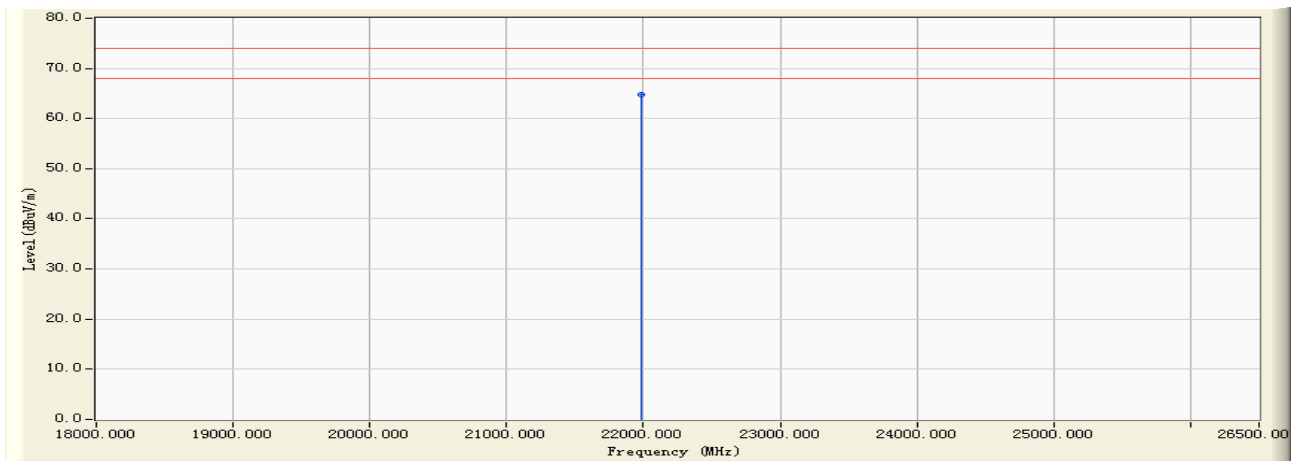
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21893.100	12.036	31.590	43.626	-10.374	54.000	AVERAGE

Note:

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



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/24 - 19:44
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)



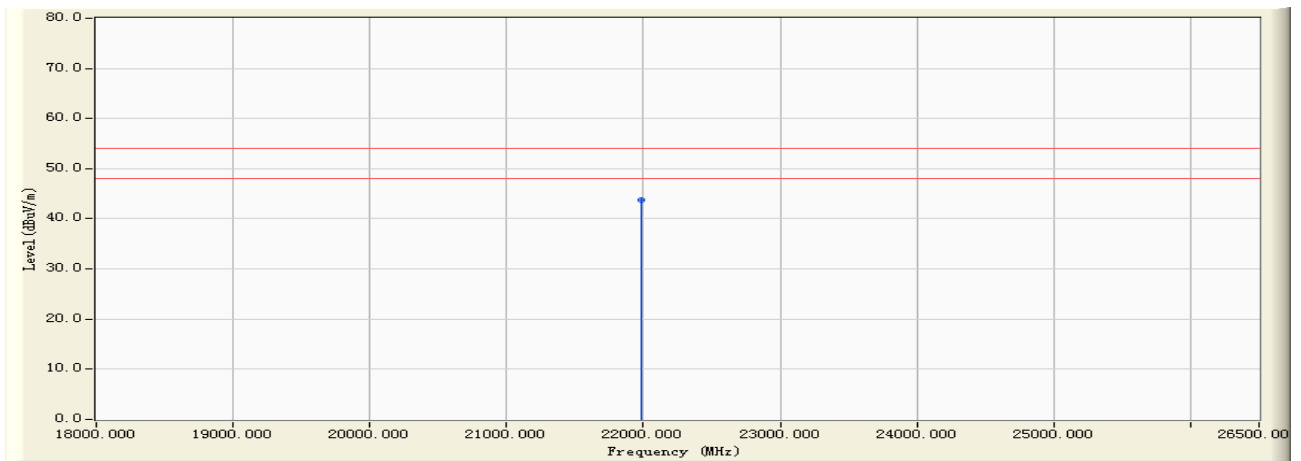
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21984.600	12.246	52.450	64.695	-9.305	74.000	PEAK

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 : 2010/08/24 - 19:44
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)



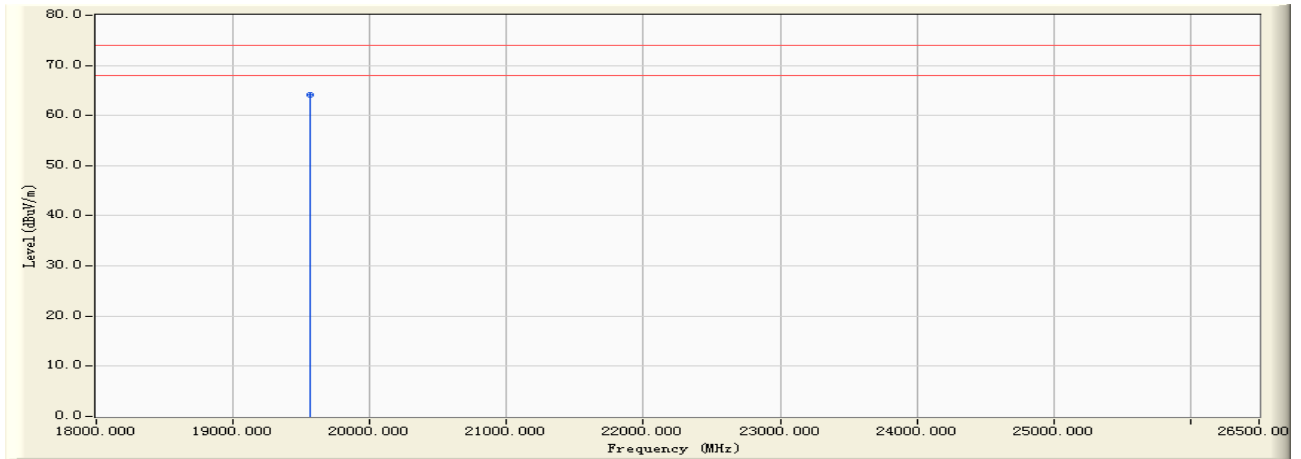
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21984.600	12.246	31.490	43.735	-10.265	54.000	AVERAGE

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 : 2010/08/24 - 19:46
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)



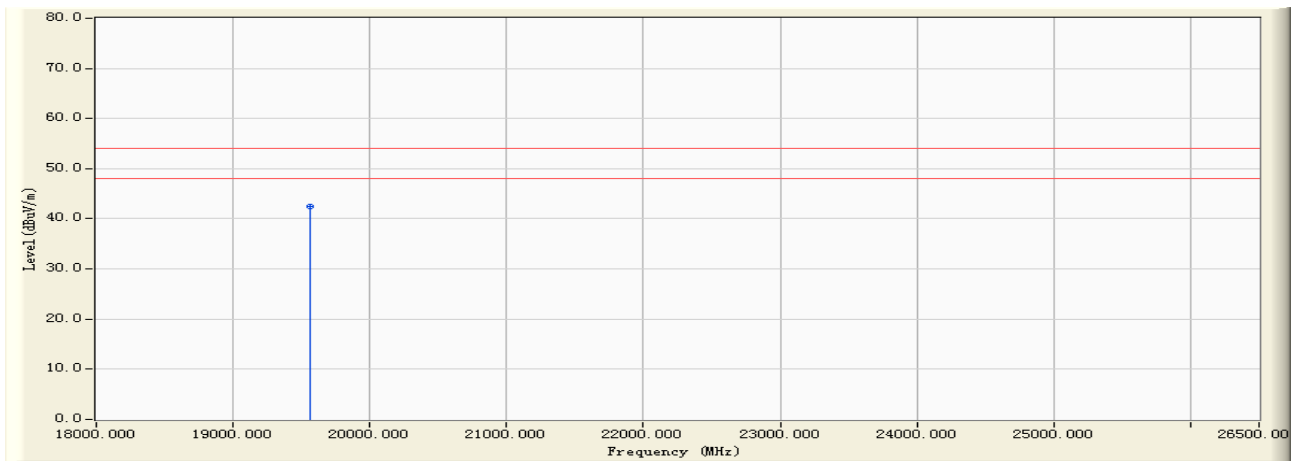
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19563.200	9.950	54.280	64.229	-9.771	74.000	PEAK

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 : 2010/08/24 - 19:46
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)



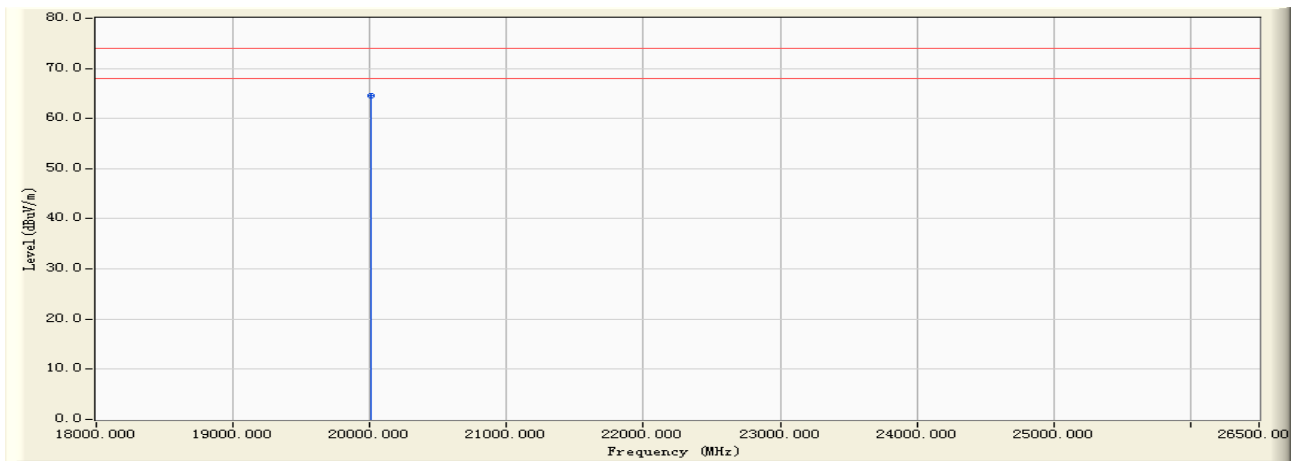
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19563.200	9.950	32.570	42.519	-11.481	54.000	AVERAGE

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 : 2010/08/24 - 19:47
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)



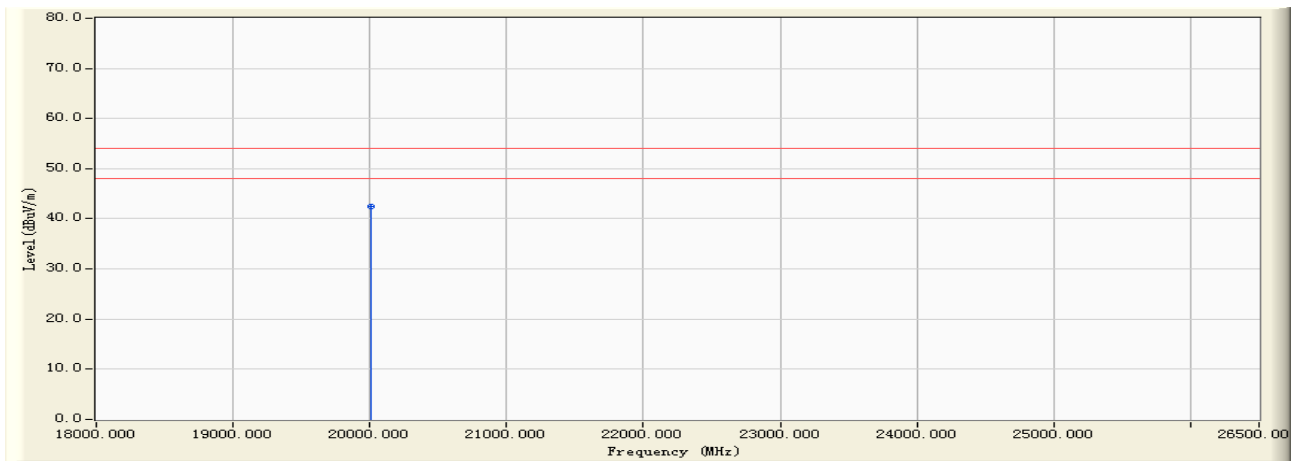
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20013.200	9.870	54.590	64.460	-9.540	74.000	PEAK

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 : 2010/08/24 - 19:47
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)



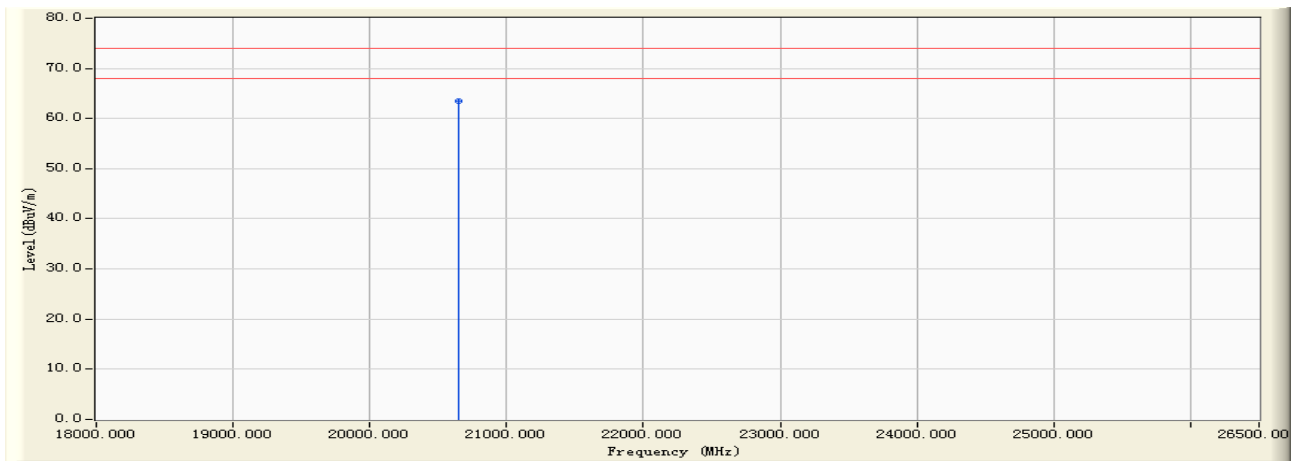
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20013.200	9.870	32.690	42.560	-11.440	54.000	AVERAGE

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 : 2010/08/24 - 19:47
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (An0) (2437MHz)



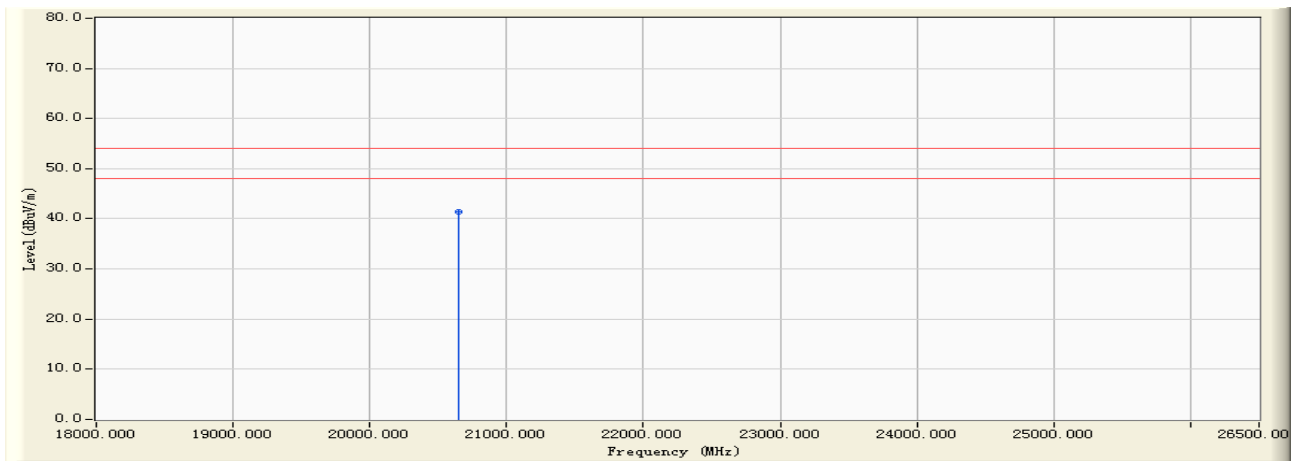
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20653.000	9.985	53.570	63.555	-10.445	74.000	PEAK

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 : 2010/08/24 - 19:47
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (An0) (2437MHz)



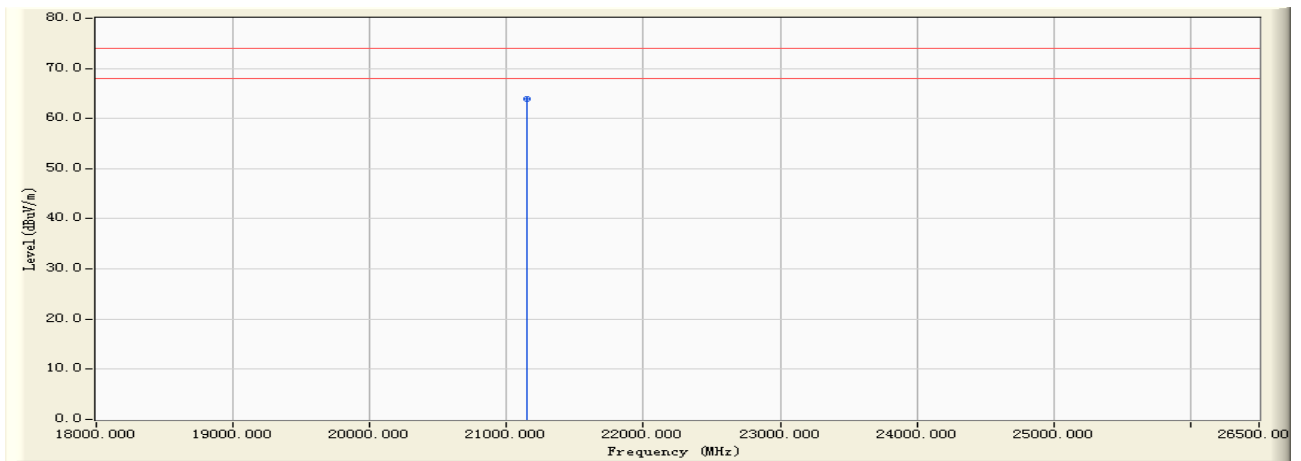
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20653.000	9.985	31.450	41.435	-12.565	54.000	AVERAGE

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 : 2010/08/24 - 19:48
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (An0) (2437MHz)



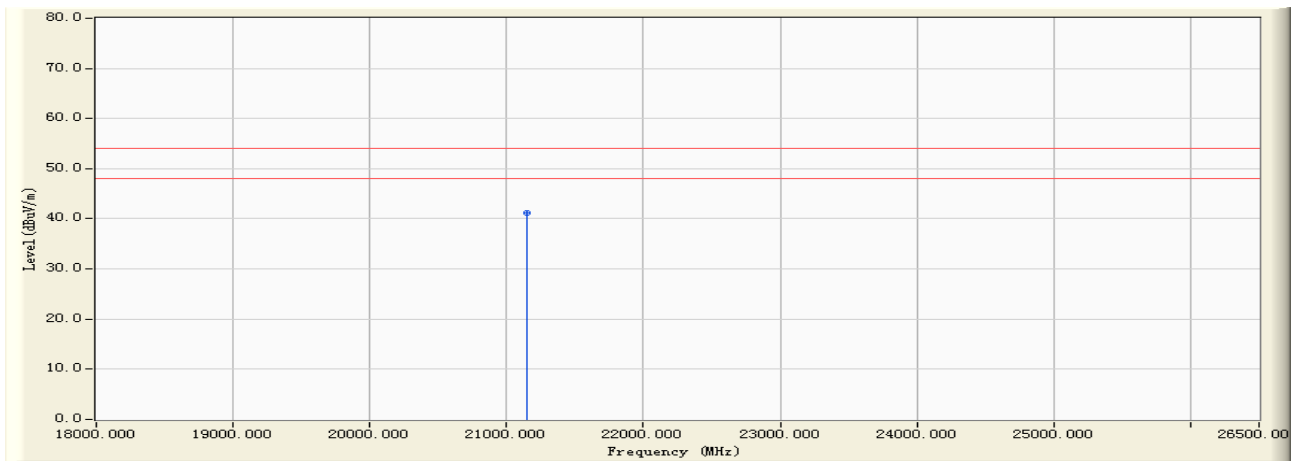
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21153.000	10.600	53.420	64.020	-9.980	74.000	PEAK

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 : 2010/08/24 - 19:48
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (An0) (2437MHz)



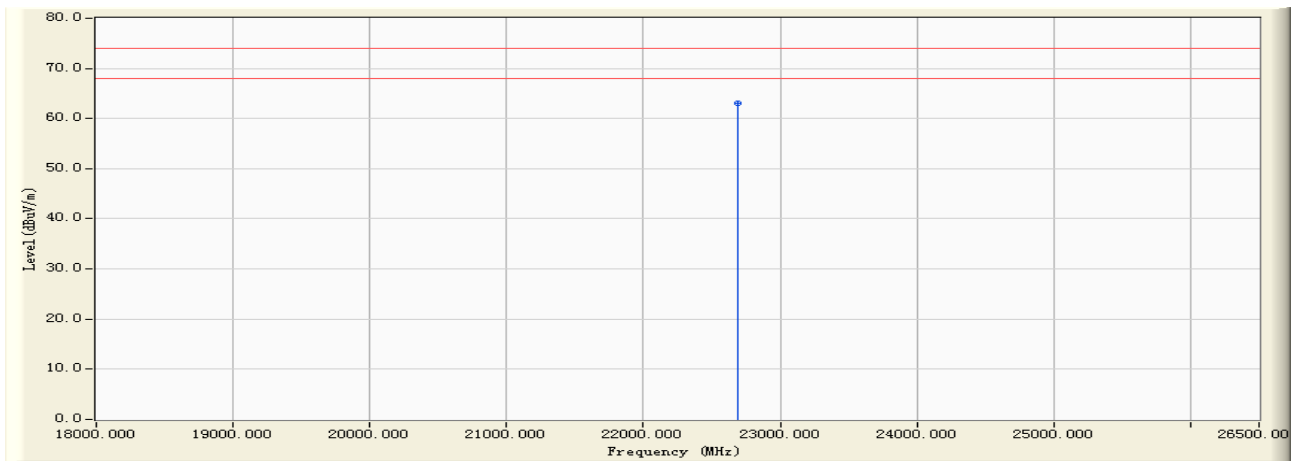
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21153.000	10.600	30.590	41.190	-12.810	54.000	AVERAGE

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 : 2010/08/24 - 19:49
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)



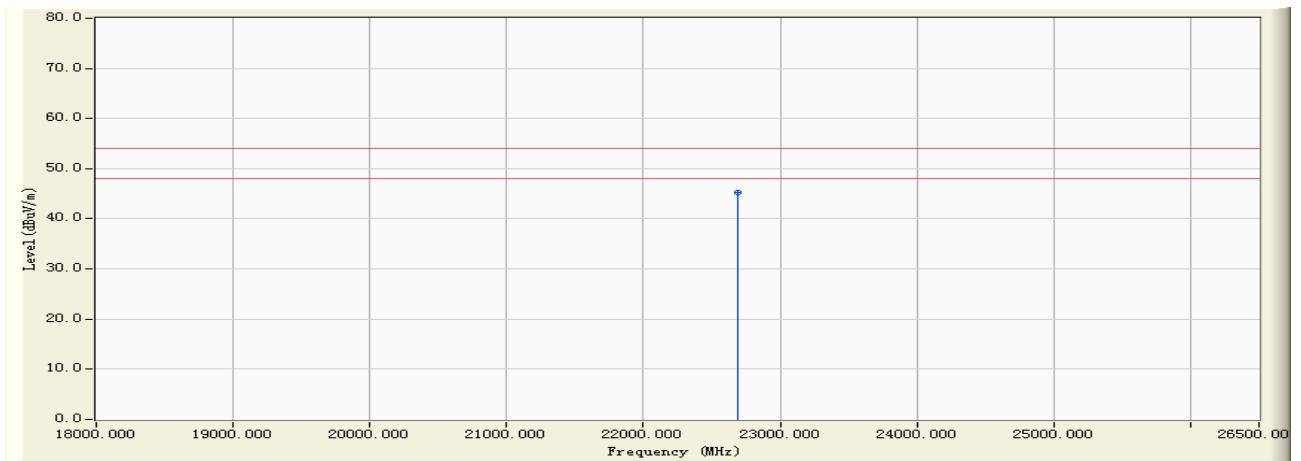
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22695.000	13.616	49.380	62.996	-11.004	74.000	PEAK

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 : 2010/08/24 - 19:49
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)



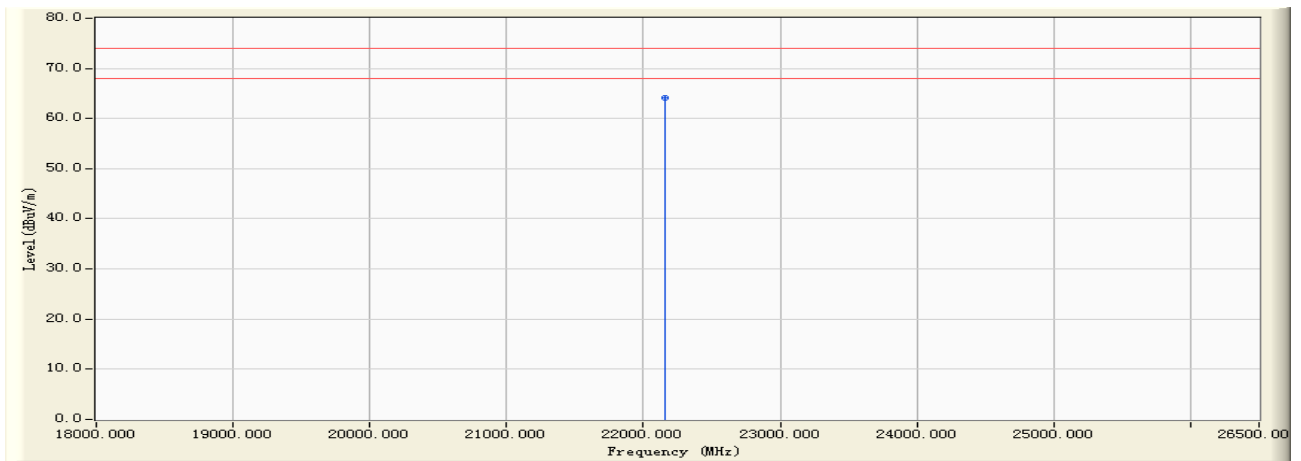
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22695.000	13.616	31.540	45.156	-8.844	54.000	AVERAGE

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 : 2010/08/24 - 19:49
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)



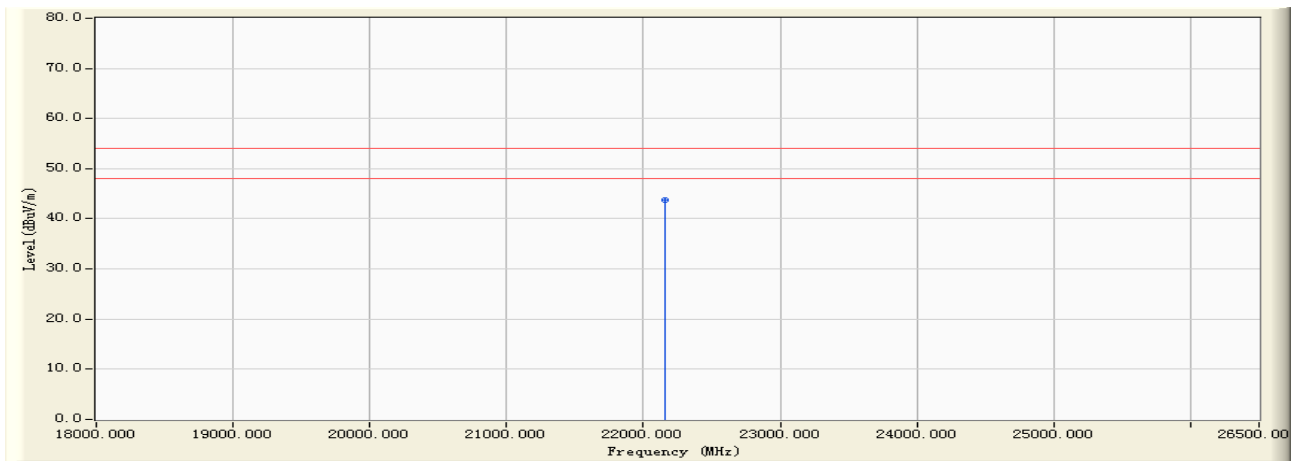
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22163.000	12.589	51.590	64.179	-9.821	74.000	PEAK

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 : 2010/08/24 - 19:49
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)



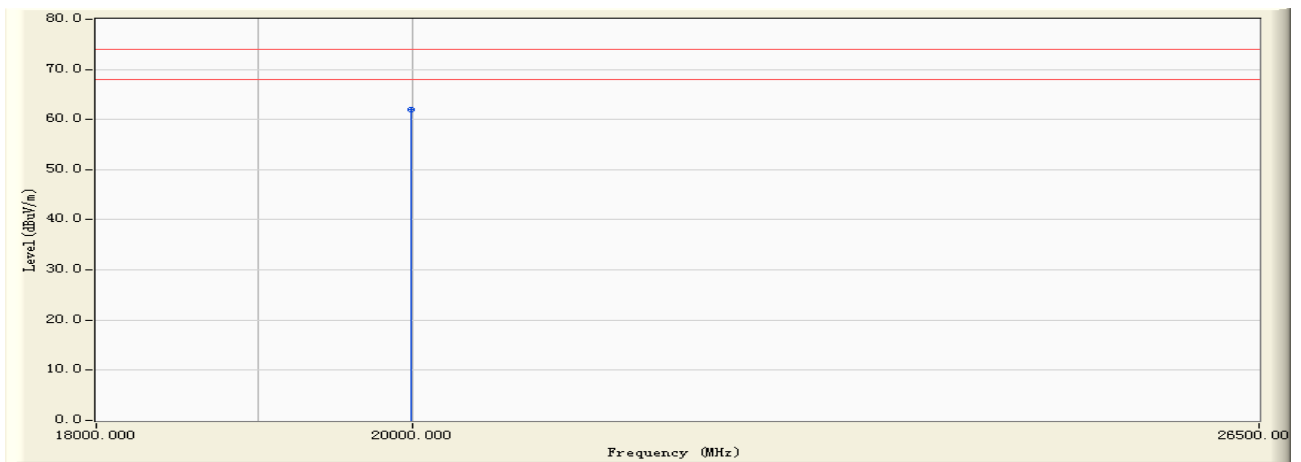
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22163.000	12.589	31.240	43.829	-10.171	54.000	AVERAGE

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 : 2010/08/30 - 13:40
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412M)



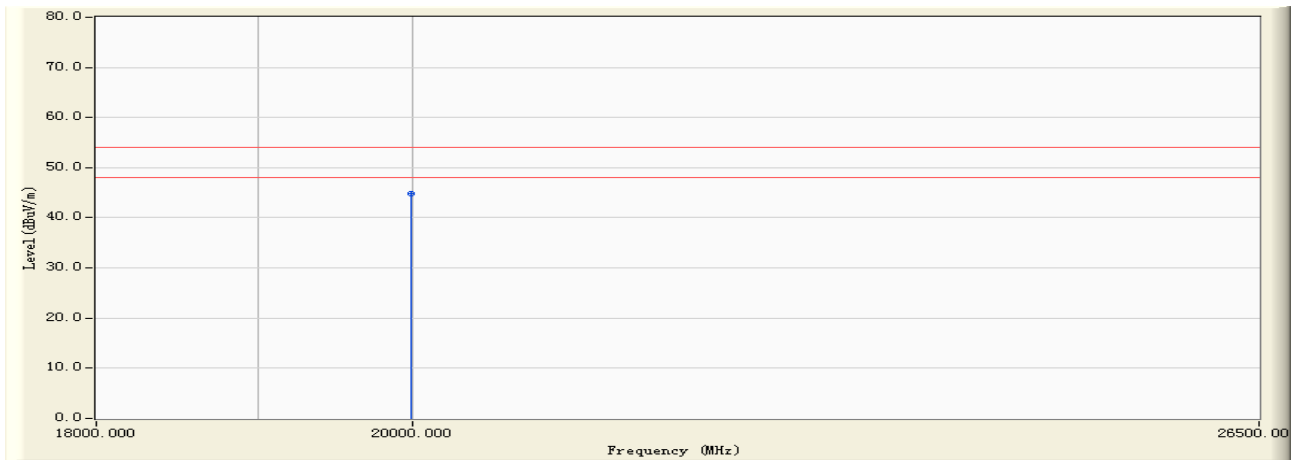
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19986.000	9.883	52.110	61.993	-12.007	74.000	PEAK

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 : 2010/08/30 - 13:40
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412M)



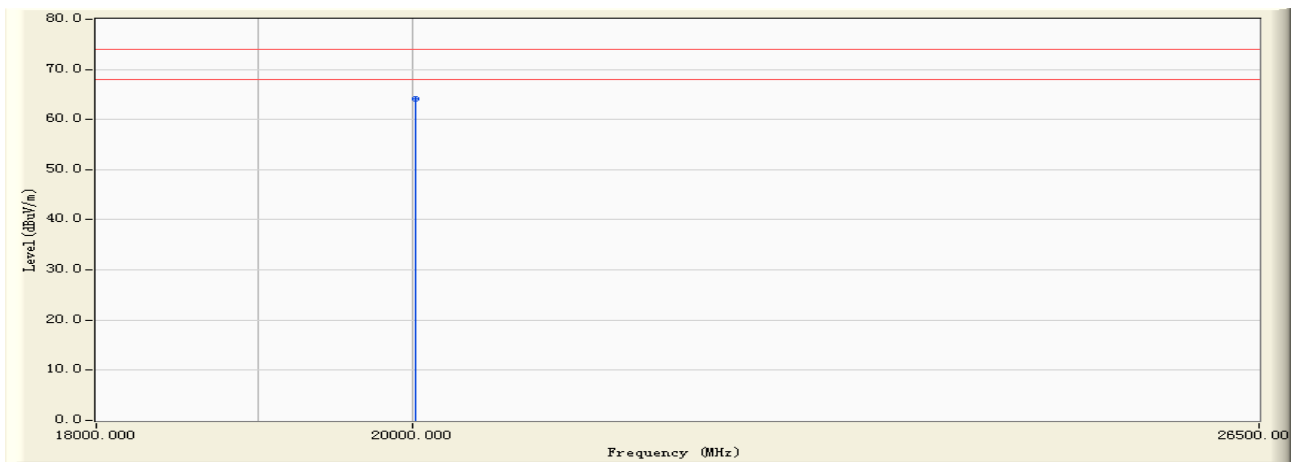
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19986.000	9.883	34.900	44.783	-9.217	54.000	AVERAGE

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 : 2010/08/30 - 13:41
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412M)



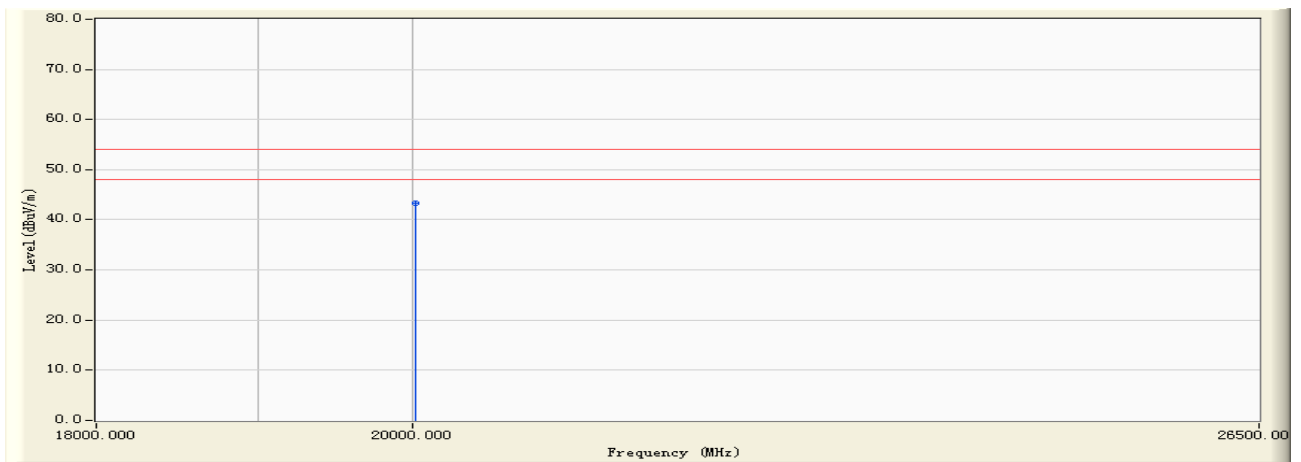
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20015.000	9.870	54.260	64.130	-9.870	74.000	PEAK

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 : 2010/08/30 - 13:41
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412M)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20015.000	9.870	33.550	43.420	-10.580	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 : 2010/08/30 - 13:42
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2437M)



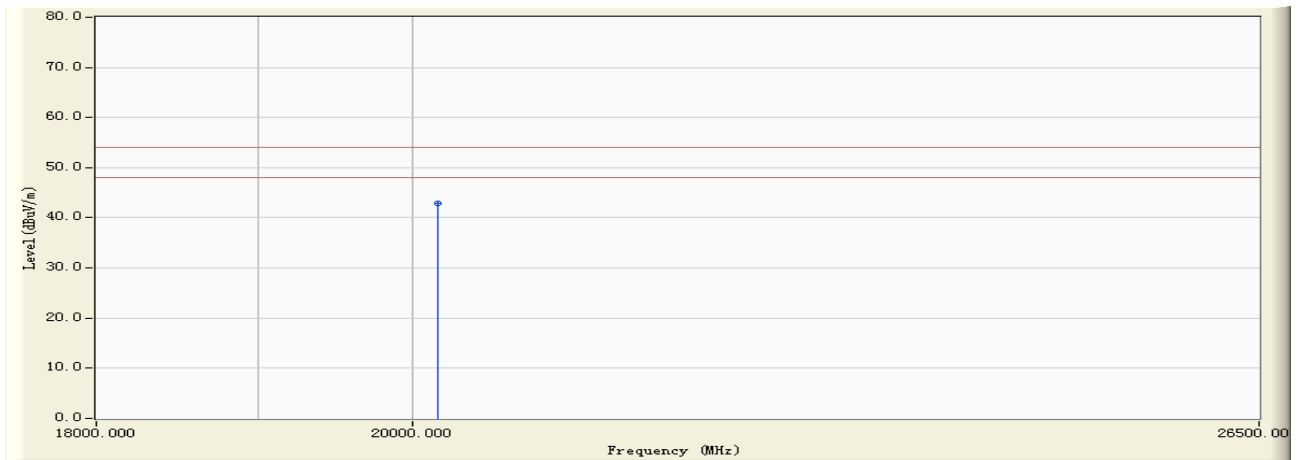
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20163.000	9.870	52.580	62.450	-11.550	74.000	PEAK

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 : 2010/08/30 - 13:42
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode3:Transmit by 802.11n(20MHz) (An0 and An1) (2437M)



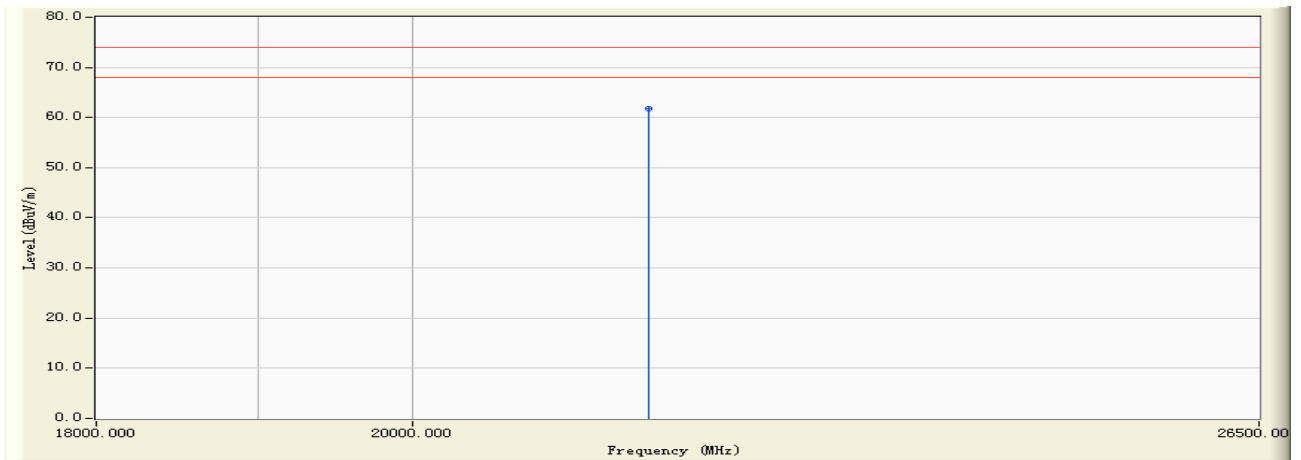
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20163.000	9.870	32.960	42.830	-11.170	54.000	AVERAGE

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 : 2010/08/30 - 13:43
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2437M)



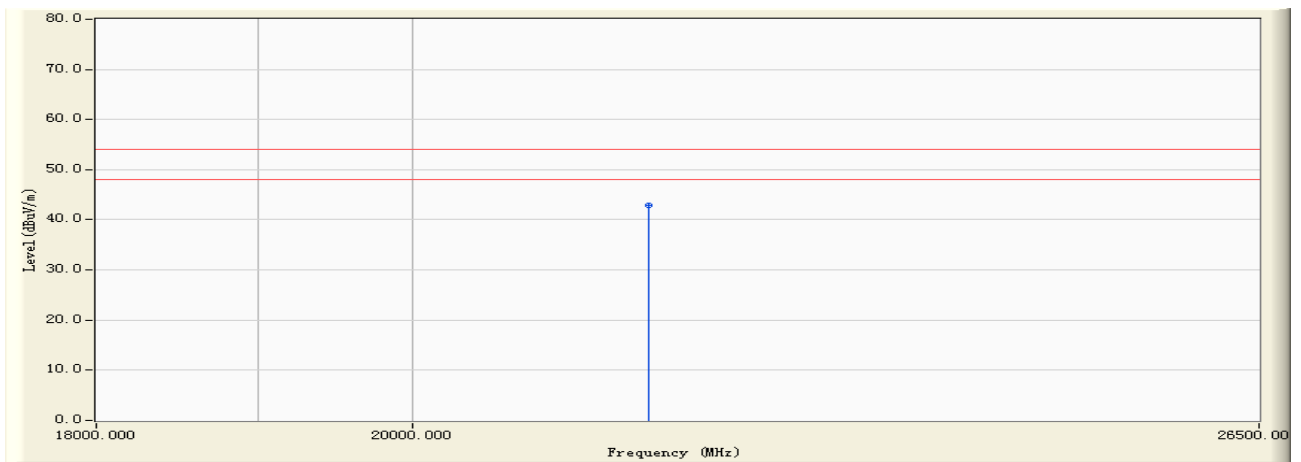
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21635.000	11.518	50.150	61.668	-12.332	74.000	PEAK

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 : 2010/08/30 - 13:43
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2437M)



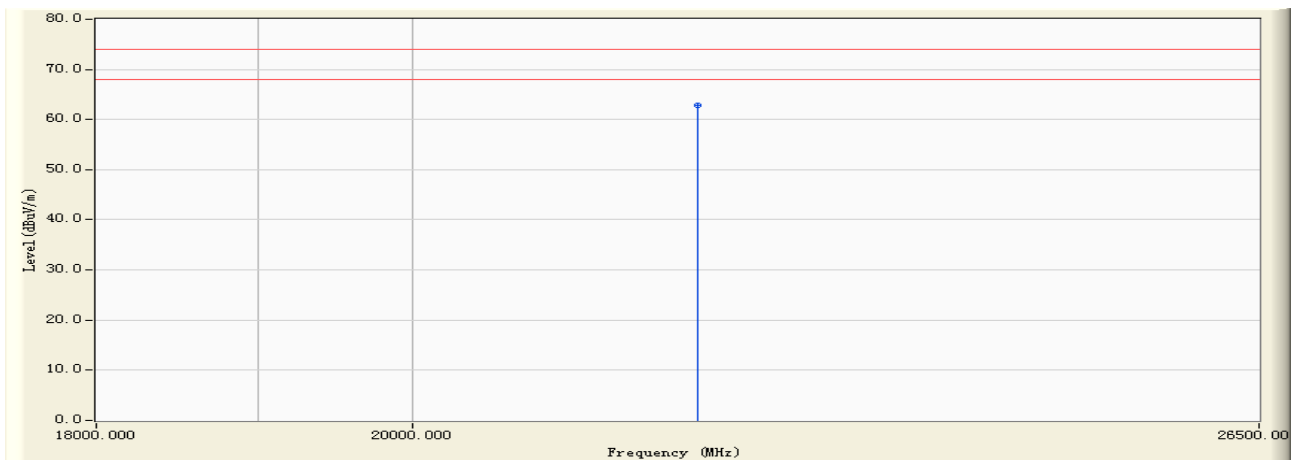
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21635.000	11.518	31.410	42.928	-11.072	54.000	AVERAGE

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 : 2010/08/30 - 13:44
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2462M)



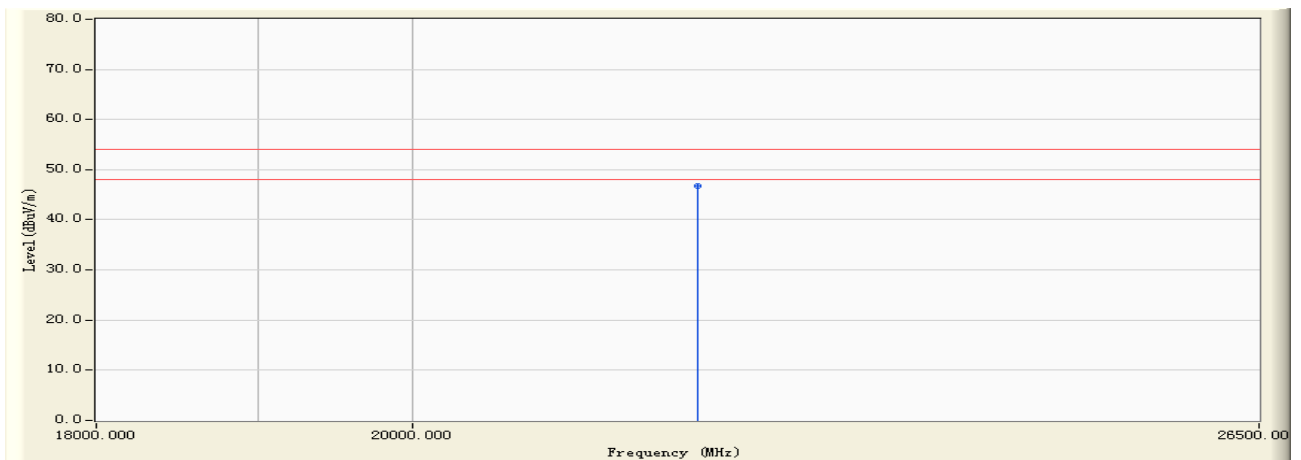
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21986.000	12.248	50.690	62.938	-11.062	74.000	PEAK

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 : 2010/08/30 - 13:44
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode3:Transmit by 802.11n(20MHz) (An0 and An1) (2462M)



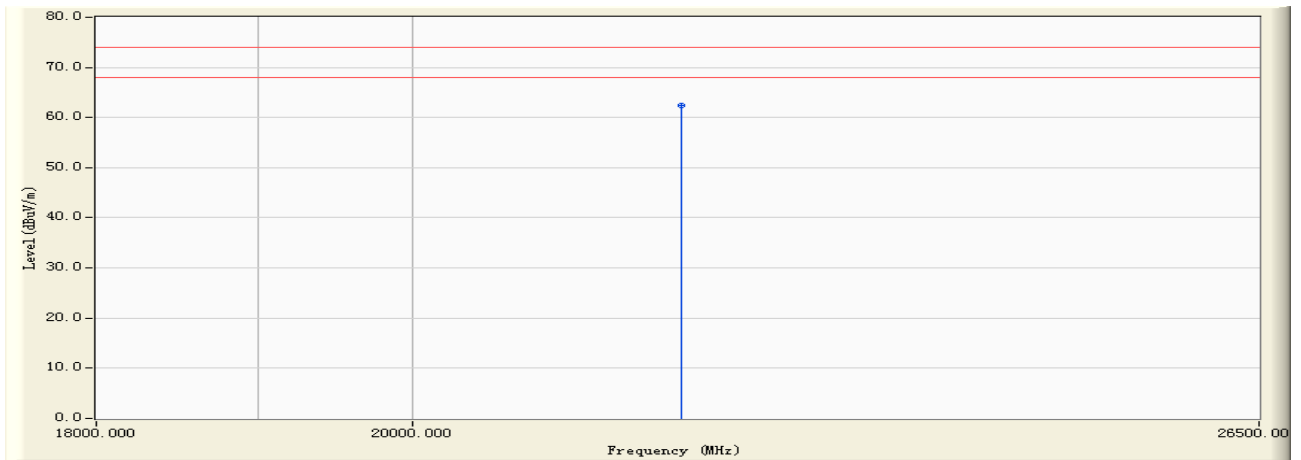
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21986.000	12.248	34.560	46.808	-7.192	54.000	AVERAGE

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 : 2010/08/30 - 13:45
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode3:Transmit by 802.11n(20MHz) (An0 and An1) (2462M)



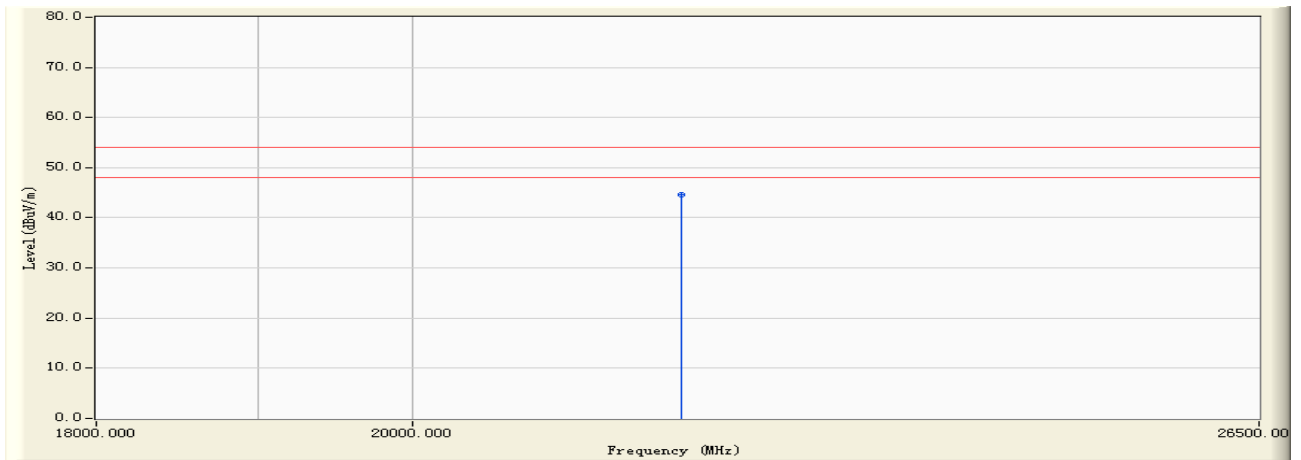
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21865.000	11.974	50.480	62.454	-11.546	74.000	PEAK

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 : 2010/08/30 - 13:45
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2462M)



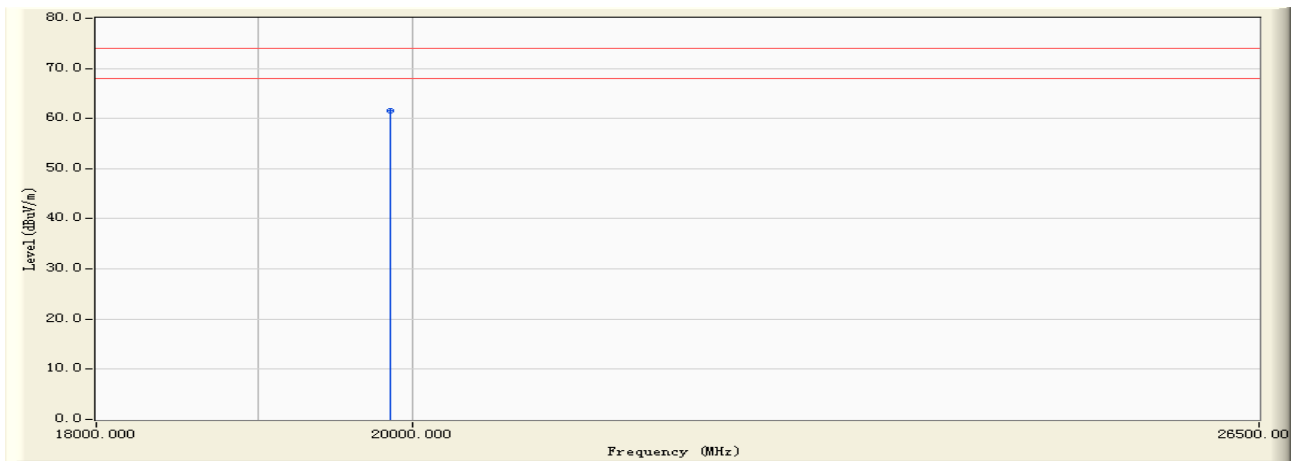
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21865.000	11.974	32.590	44.564	-9.436	54.000	AVERAGE

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 : 2010/08/30 - 13:47
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2422MHz)



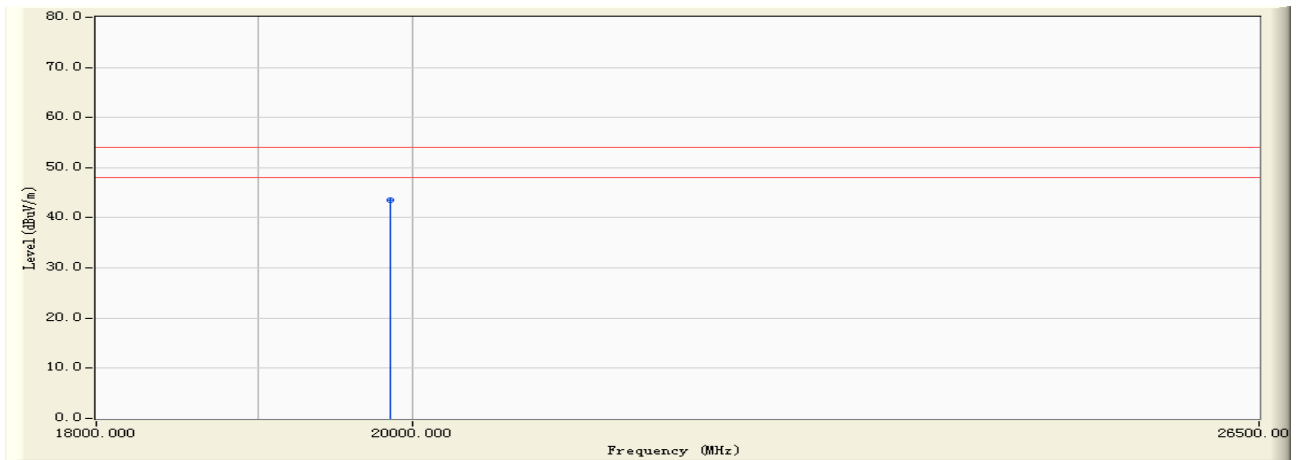
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19846.000	9.933	51.540	61.473	-12.527	74.000	PEAK

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 : 2010/08/30 - 13:47
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2422MHz)



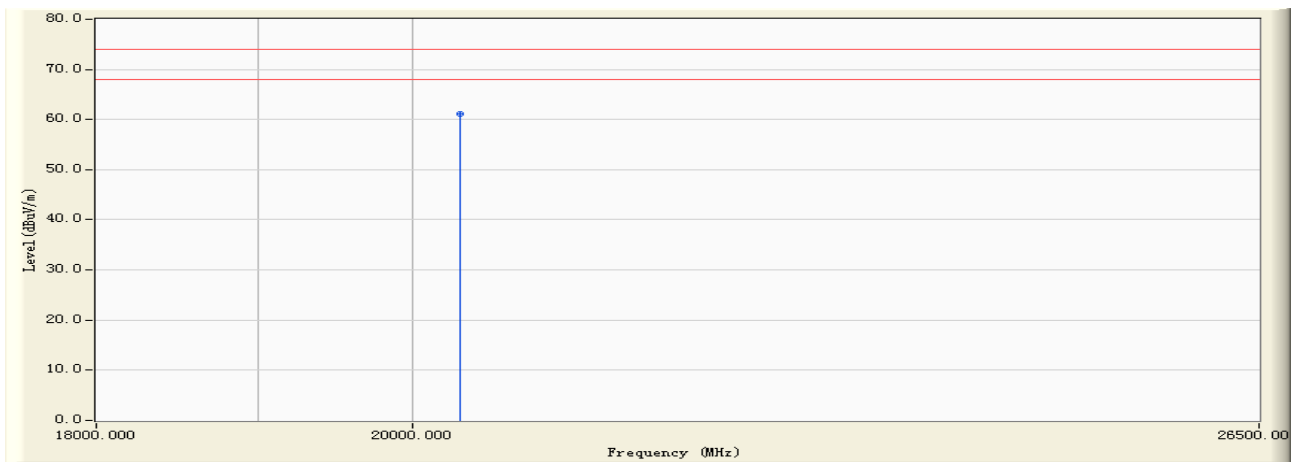
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19846.000	9.933	33.590	43.523	-10.477	54.000	AVERAGE

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 : 2010/08/30 - 13:47
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2422MHz)



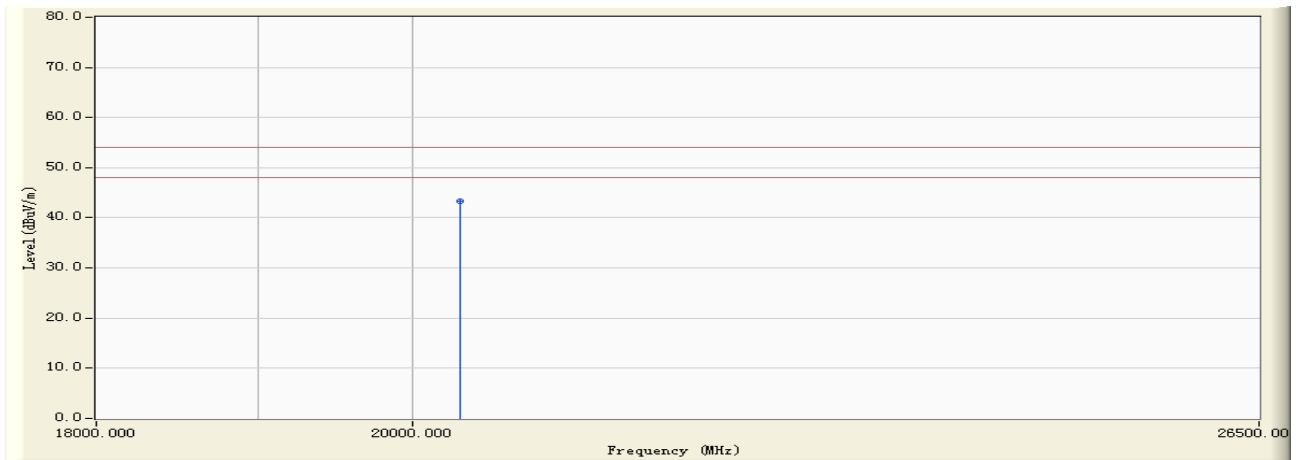
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20315.000	9.863	51.280	61.143	-12.857	74.000	PEAK

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 : 2010/08/30 - 13:47
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2422MHz)



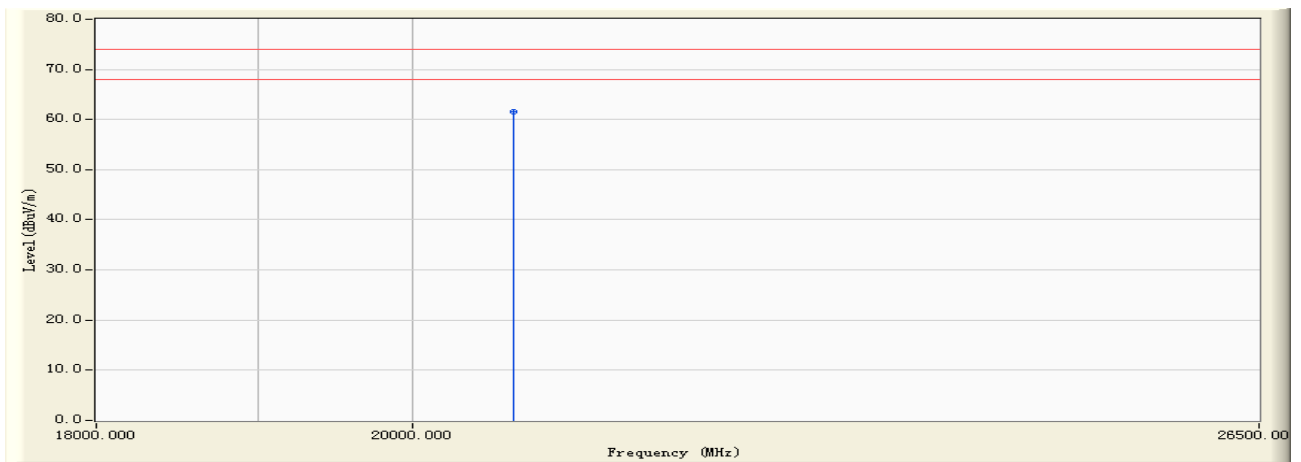
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20315.000	9.863	33.560	43.423	-10.577	54.000	AVERAGE

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 : 2010/08/30 - 13:48
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2437MHz)



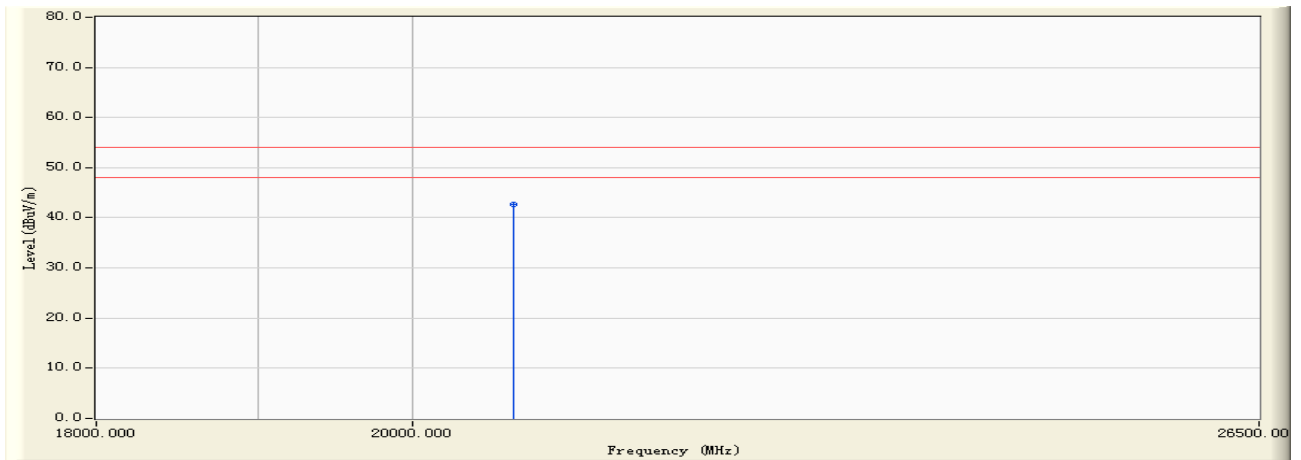
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20685.000	10.017	51.640	61.658	-12.342	74.000	PEAK

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 : 2010/08/30 - 13:48
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2437MHz)



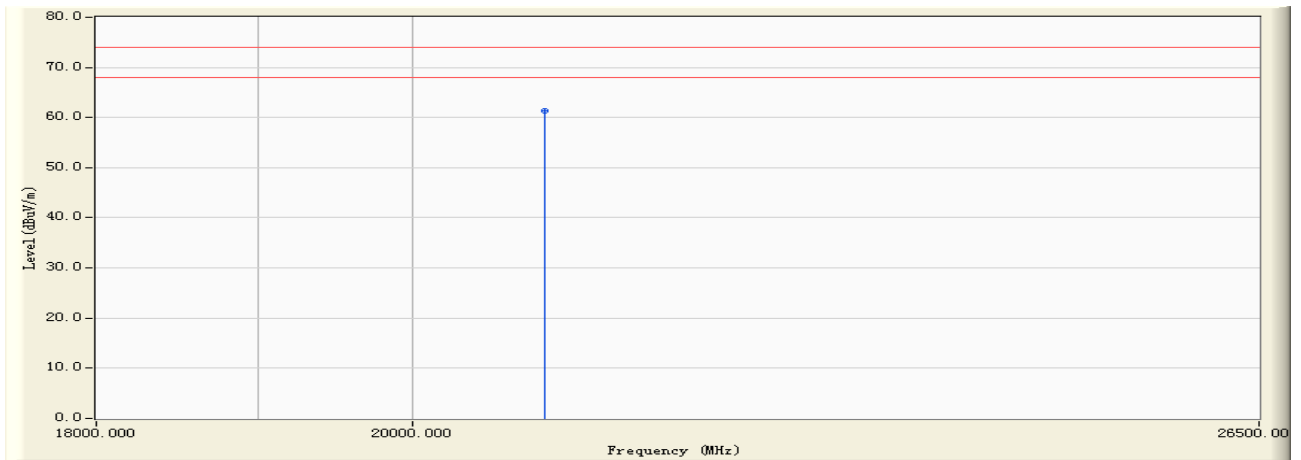
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20685.000	10.017	32.570	42.588	-11.412	54.000	AVERAGE

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 : 2010/08/30 - 13:48
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2437MHz)



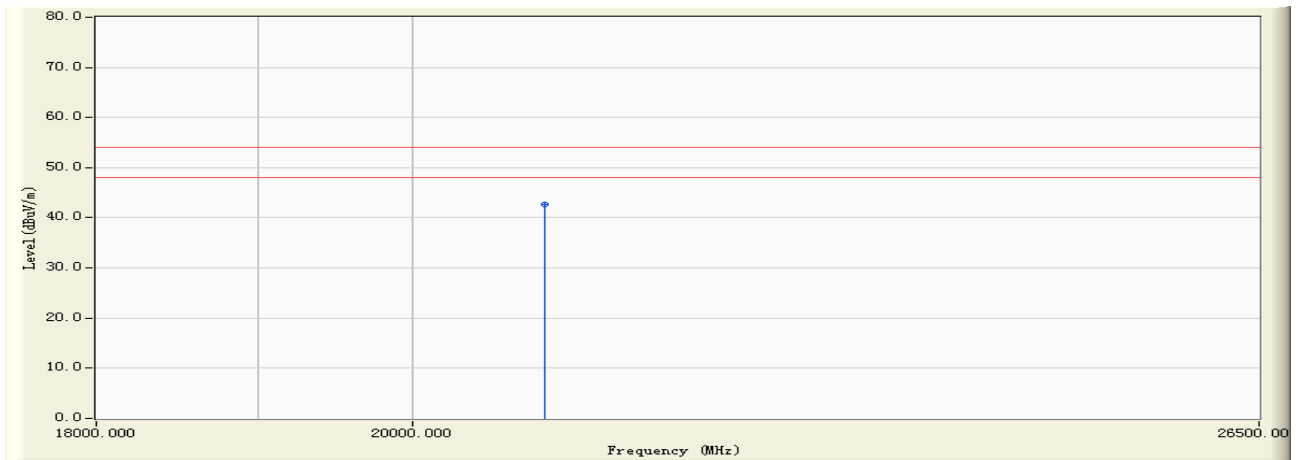
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20897.000	10.196	51.080	61.275	-12.725	74.000	PEAK

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 : 2010/08/30 - 13:48
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2437MHz)



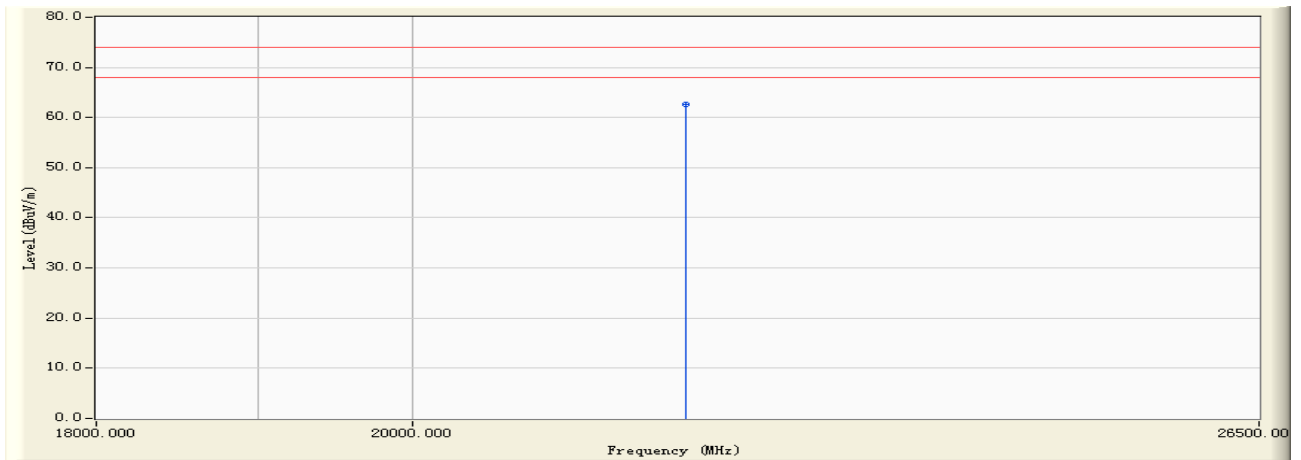
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20897.000	10.196	32.580	42.775	-11.225	54.000	AVERAGE

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 : 2010/08/30 - 13:49
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2452MHz)



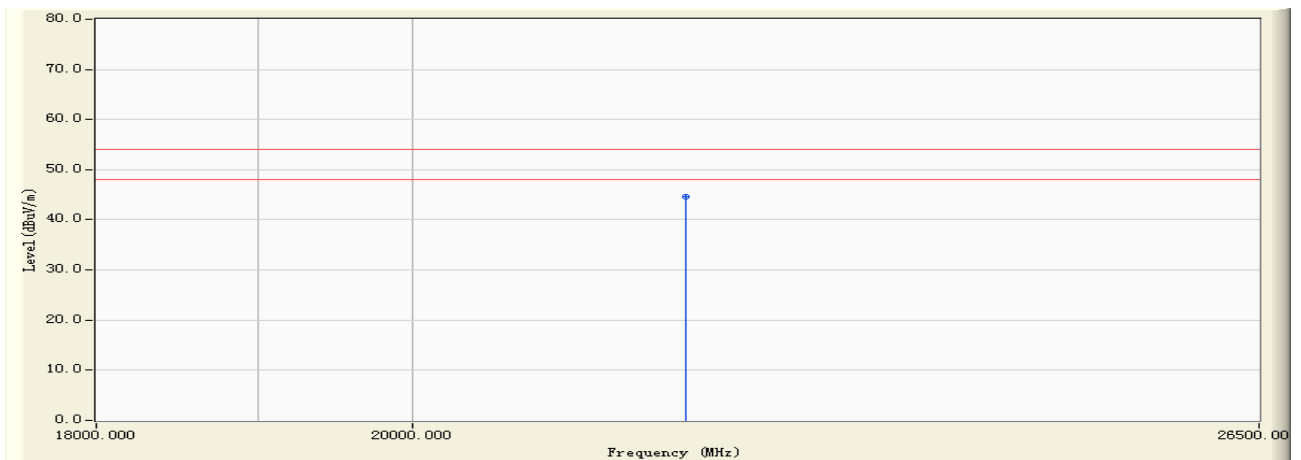
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21896.000	12.044	50.540	62.583	-11.417	74.000	PEAK

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 : 2010/08/30 - 13:49
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2452MHz)



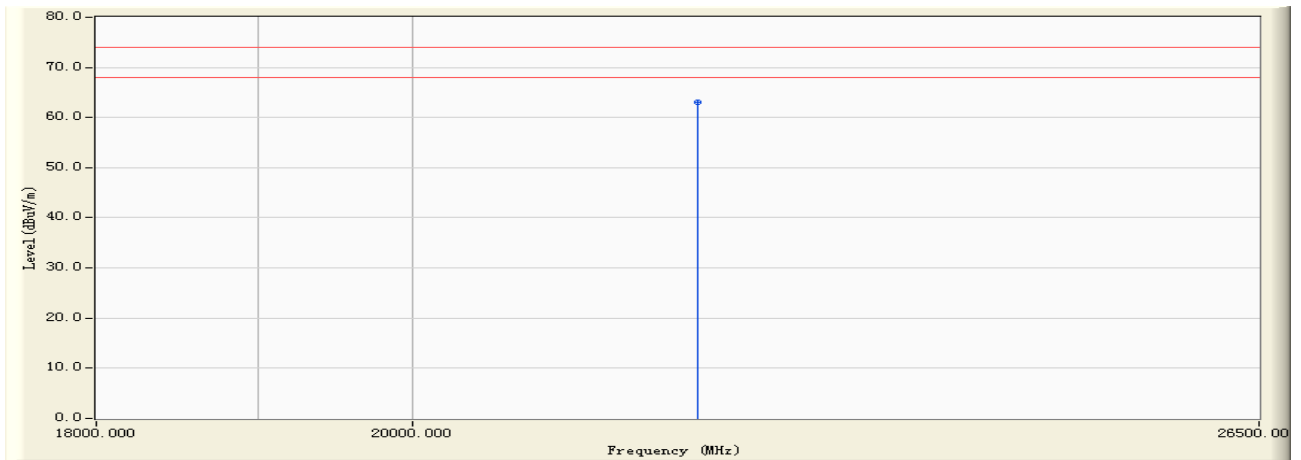
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21896.000	12.044	32.590	44.633	-9.367	54.000	AVERAGE

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 : 2010/08/30 - 13:50
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2452MHz)



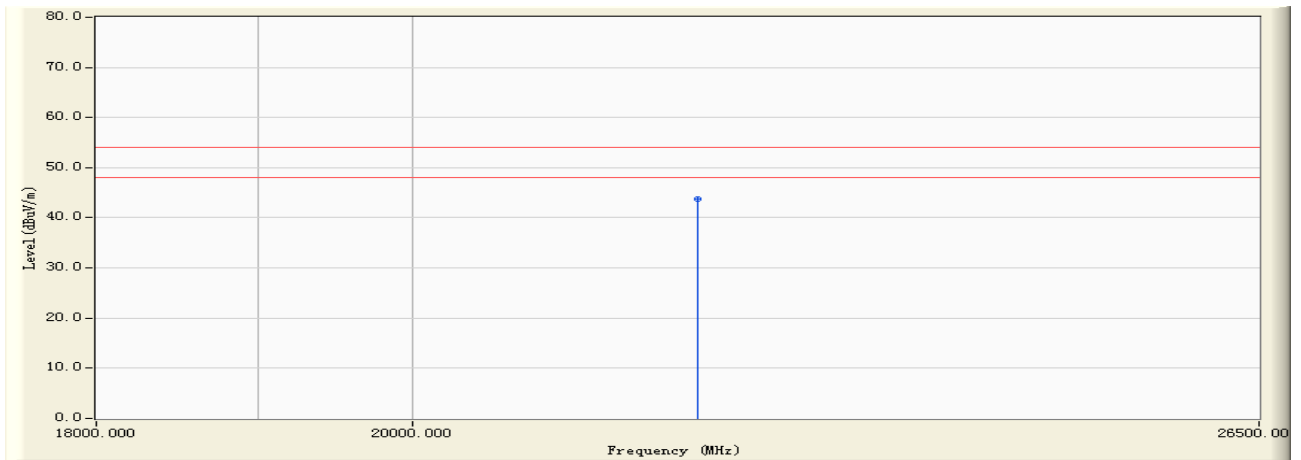
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21986.000	12.248	50.860	63.108	-10.892	74.000	PEAK

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 : 2010/08/30 - 13:50
Limit : FCC_15_03M_AV	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9170D(18-26.5G) - 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	*	21986.000	12.248	31.590	43.838	-10.162	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

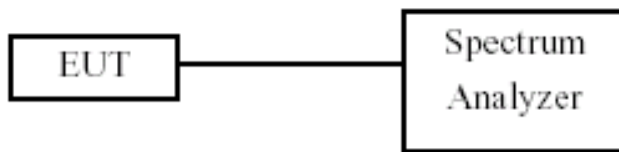
Systems using digital modulation techniques may operate in the 902 - 928 MHz, 2400 - 2483.5 MHz, and 5725- 5850 MHz band. The minimum 6 dB bandwidth shall be at least 500 kHz.

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	2009.11.02
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2009.10.19

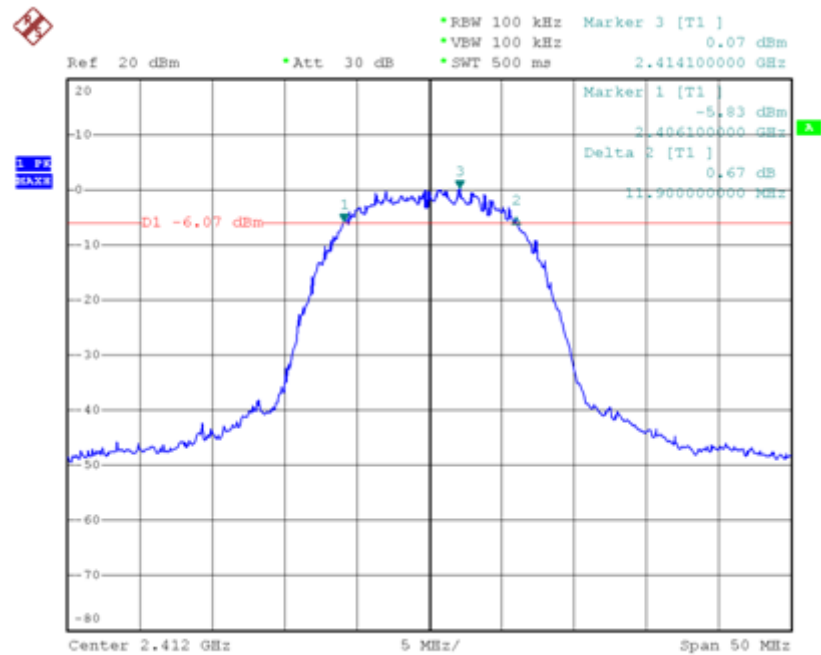


5.5. Test Result and Data

Test Item	Occupied Bandwidth
Test Mode	Mode 1: Transmit by 802.11b (An0)
Test Date	2010-08-25

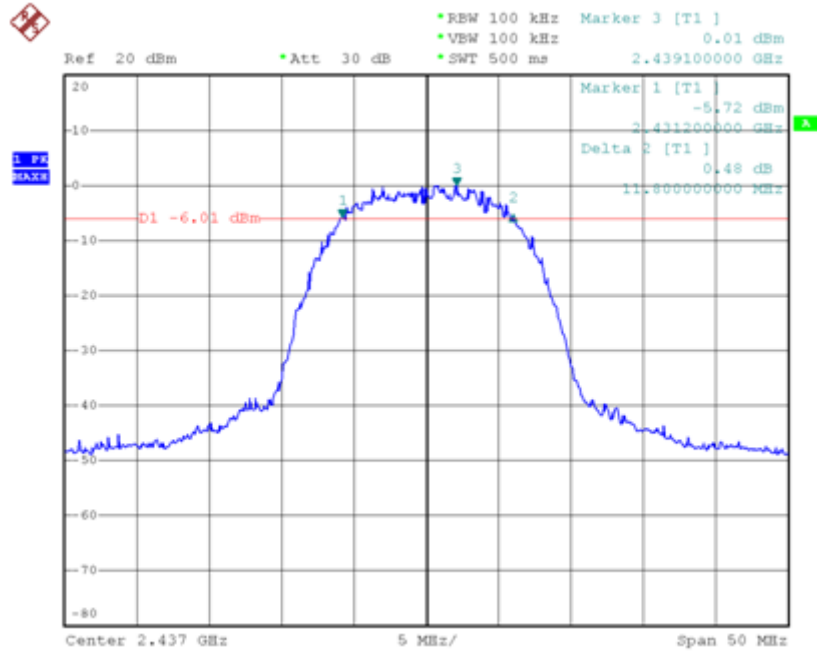
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	11900	500	Pass
06	2437	11800	500	Pass
11	2462	11600	500	Pass

Channel 01 (2412MHz)

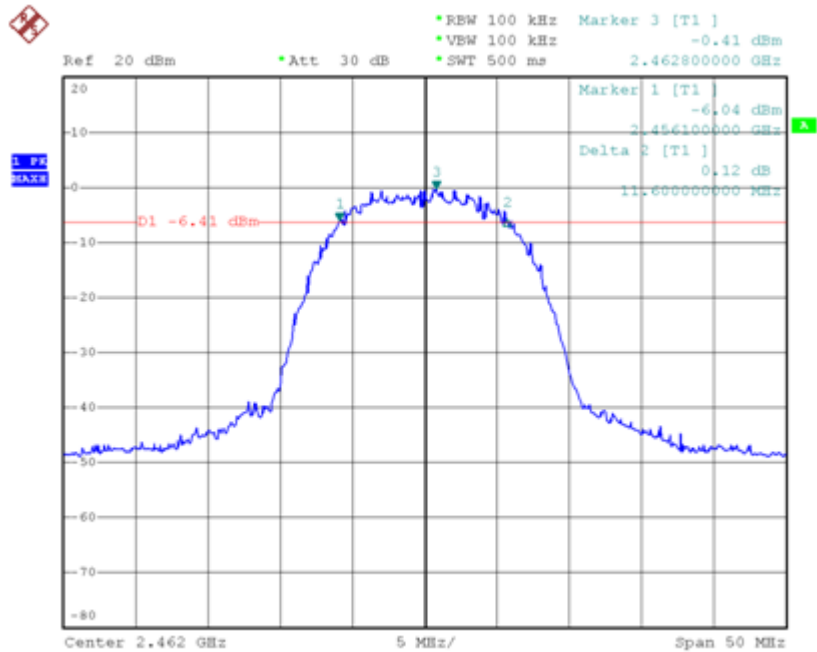




Channel 06 (2437MHz)



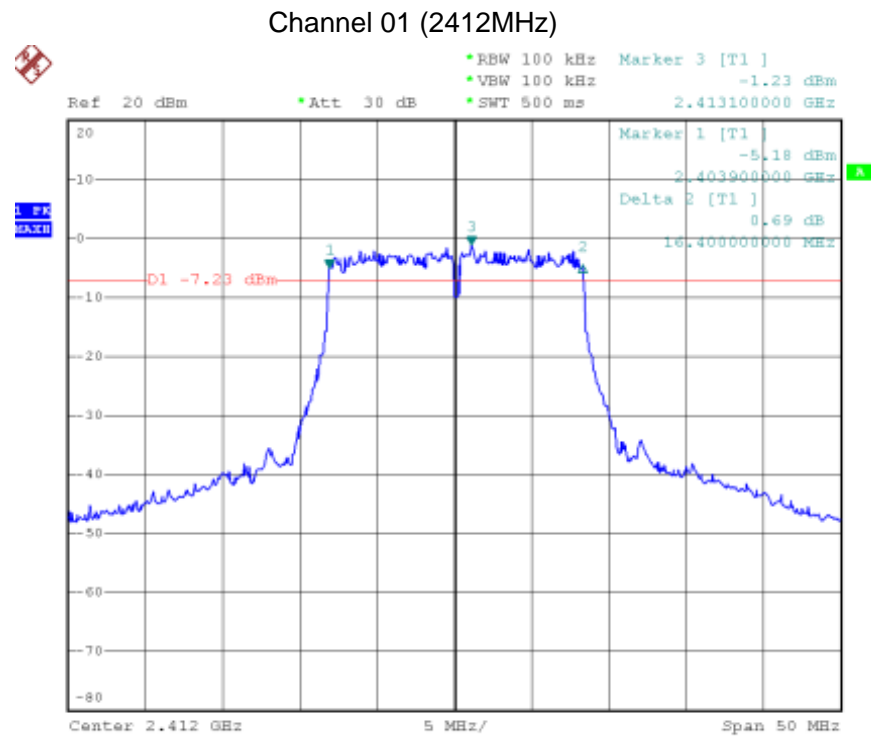
Channel 11 (2462MHz)





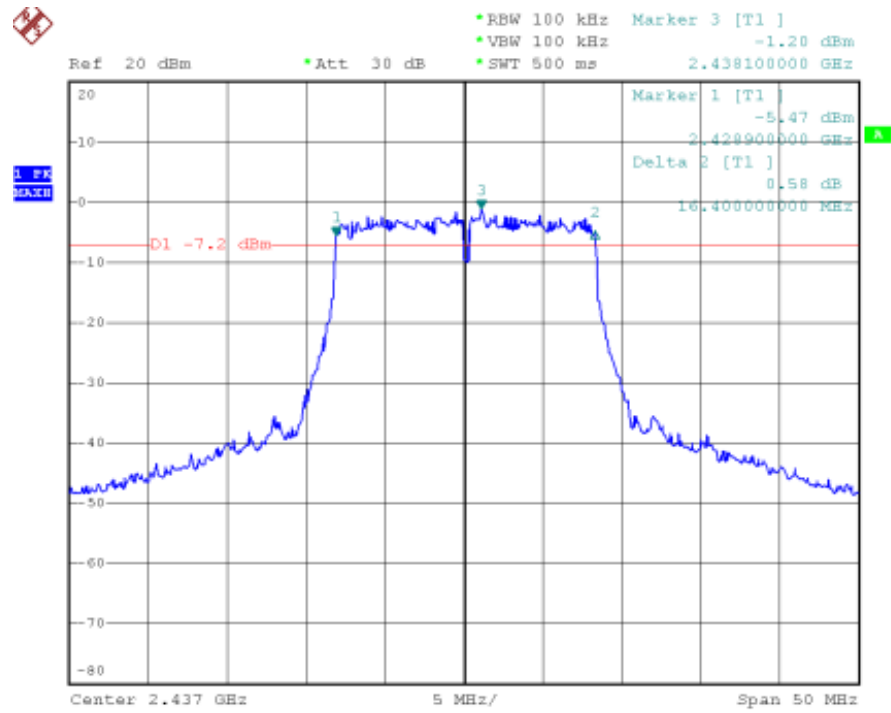
Test Item	Occupied Bandwidth
Test Mode	Mode 2: Transmit by 802.11g (An0)
Test Date	2010-08-25

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	16400	500	Pass
06	2437	16400	500	Pass
11	2462	16600	500	Pass

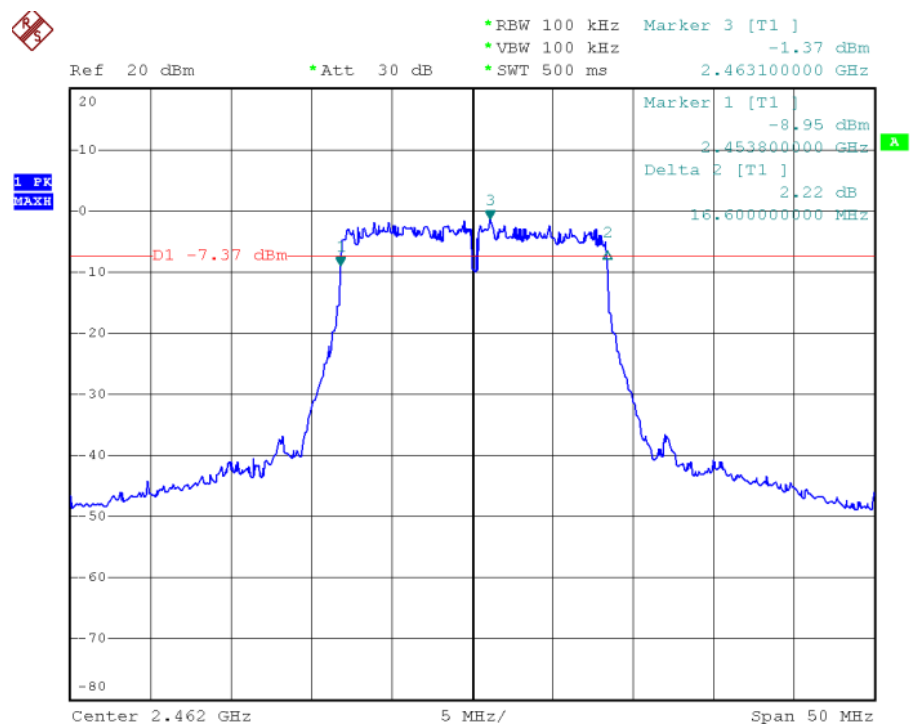




Channel 06 (2437MHz)



Channel 11 (2462MHz)

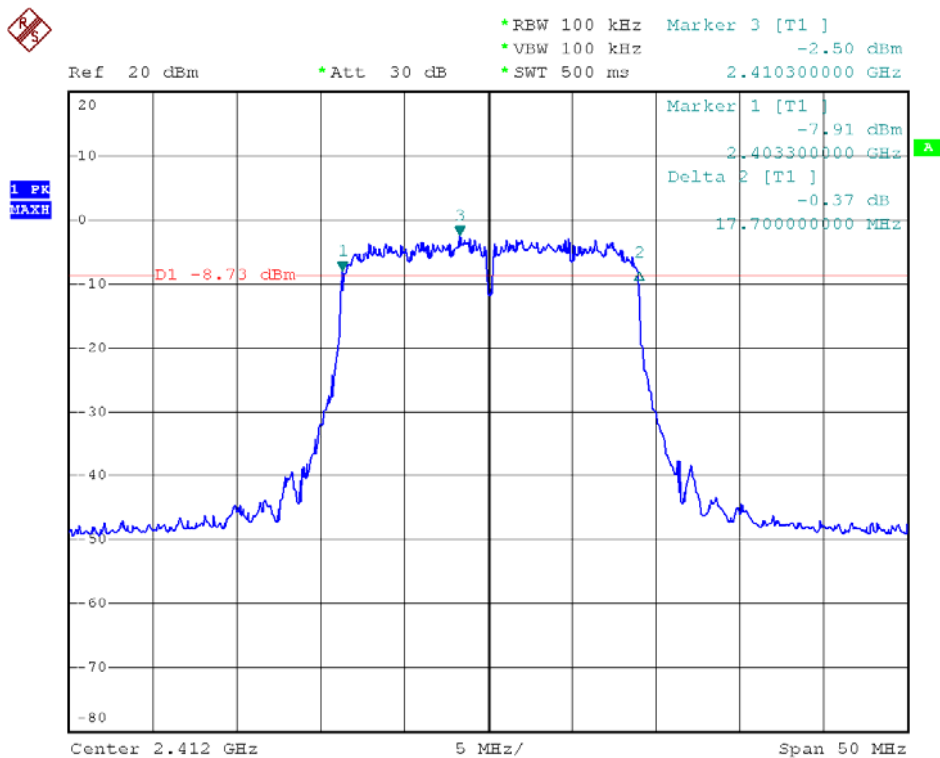




Test Item	Occupied Bandwidth
Test Mode	Mode 3: Transmit by 802.11n (20MHz) (An0)
Test Date	2010-08-25

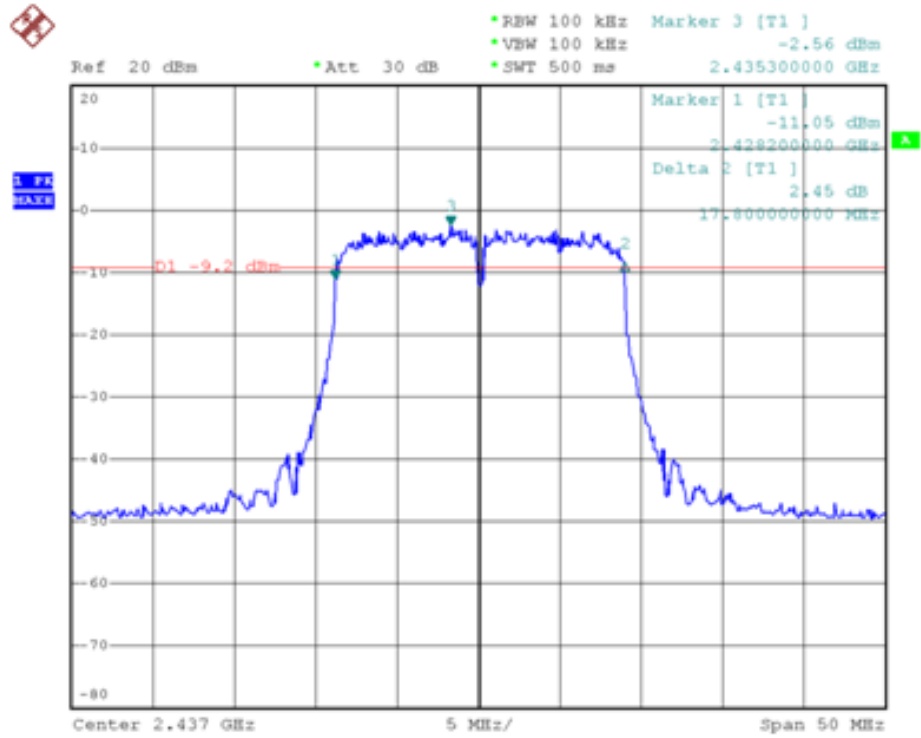
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	17700	500	Pass
06	2437	17800	500	Pass
11	2462	17800	500	Pass

Channel 01 (2412MHz)

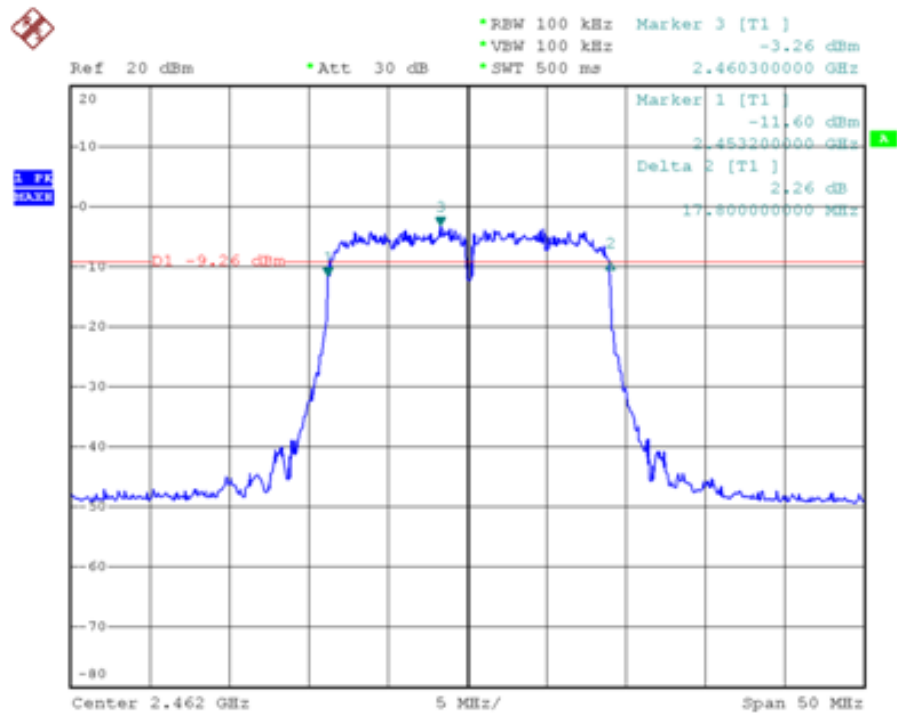




Channel 06 (2437MHz)



Channel 11 (2462MHz)

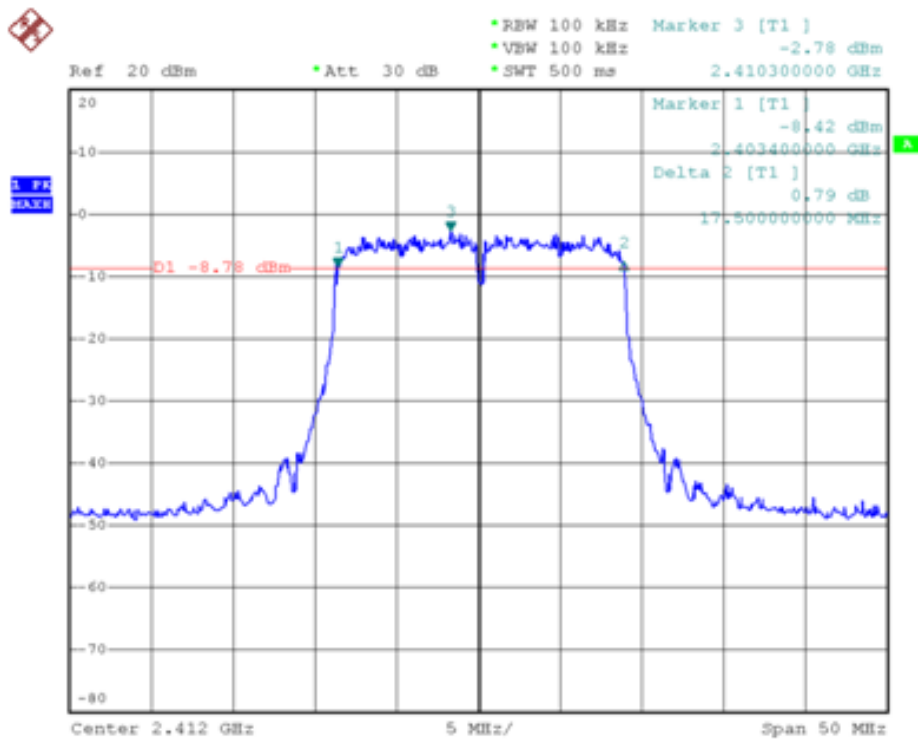




Test Item	Occupied Bandwidth
Test Mode	Mode 3: Transmit by 802.11n (20MHz) (An1)
Test Date	2010-08-25

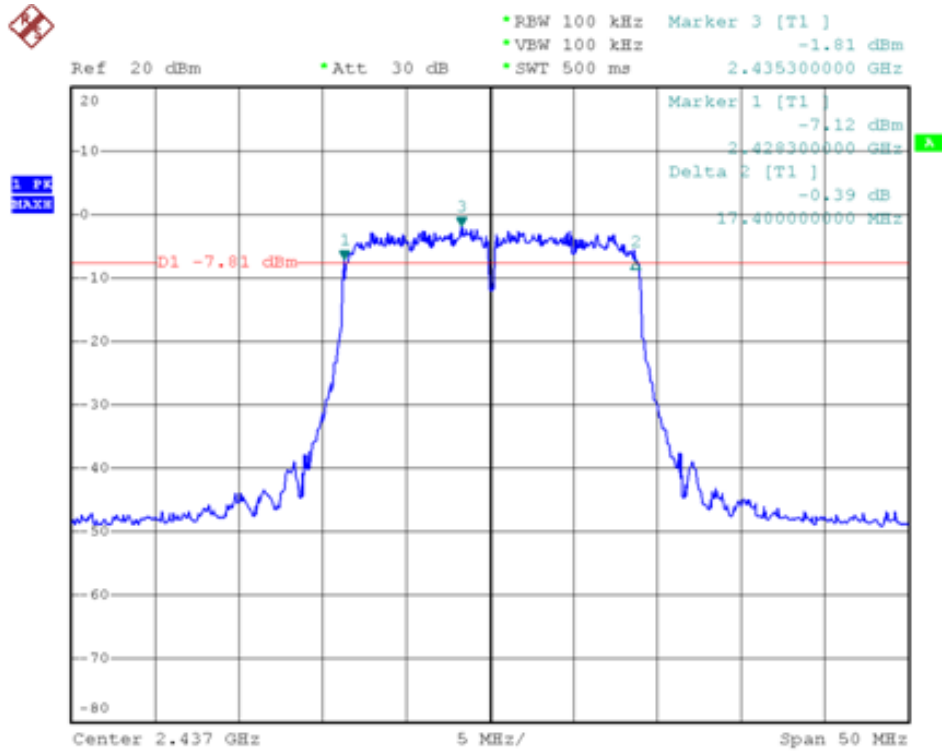
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	17500	500	Pass
06	2437	17400	500	Pass
11	2462	17200	500	Pass

Channel 01 (2412MHz)

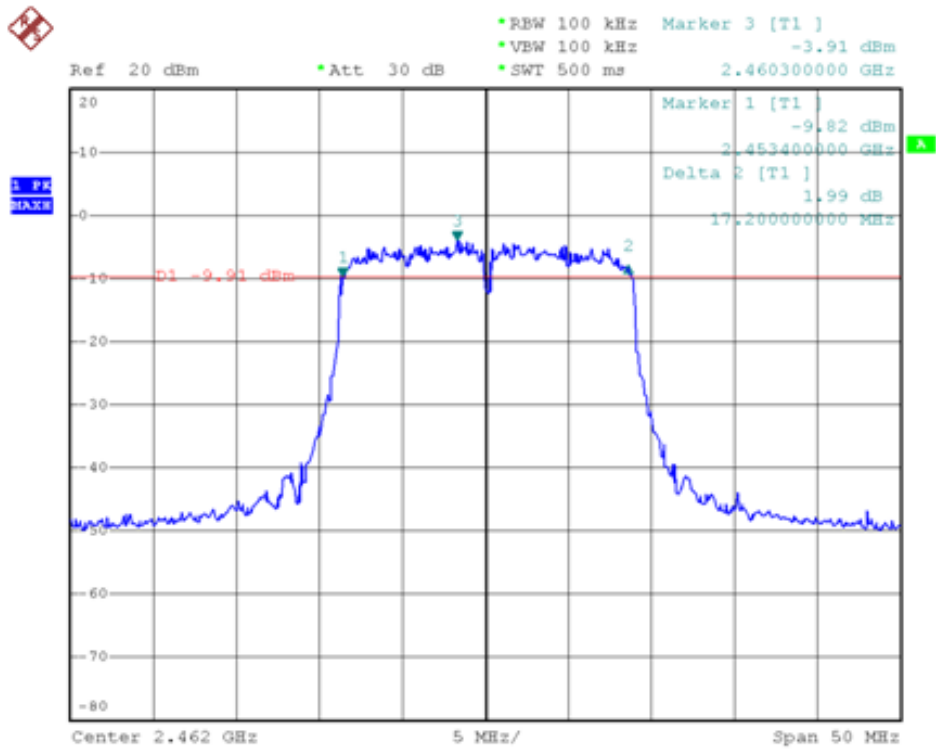




Channel 06 (2437MHz)



Channel 11 (2462MHz)

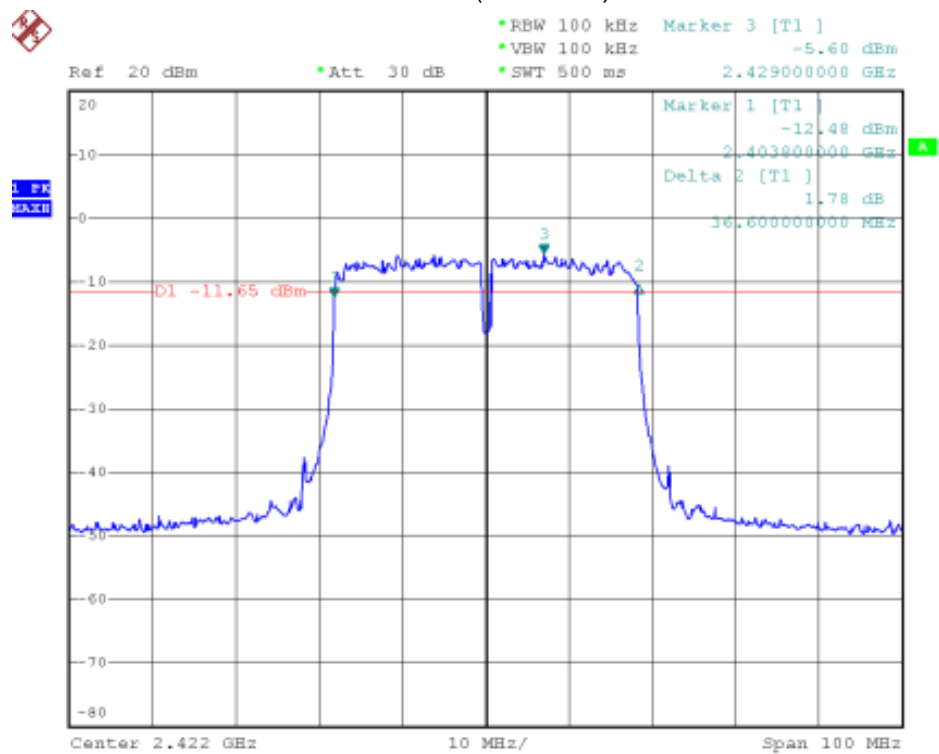




Test Item	Occupied Bandwidth
Test Mode	Mode 4: Transmit by 802.11n (40MHz) (An0)
Test Date	2010-08-25

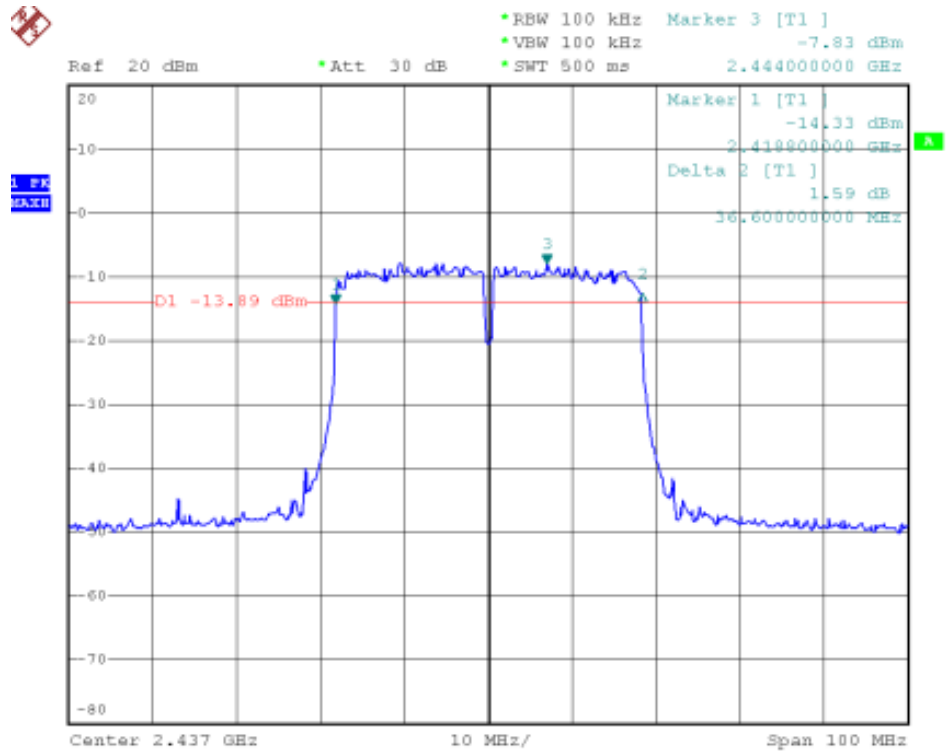
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
03	2422	36600	500	Pass
06	2437	36600	500	Pass
09	2452	36600	500	Pass

Channel 03 (2422MHz)

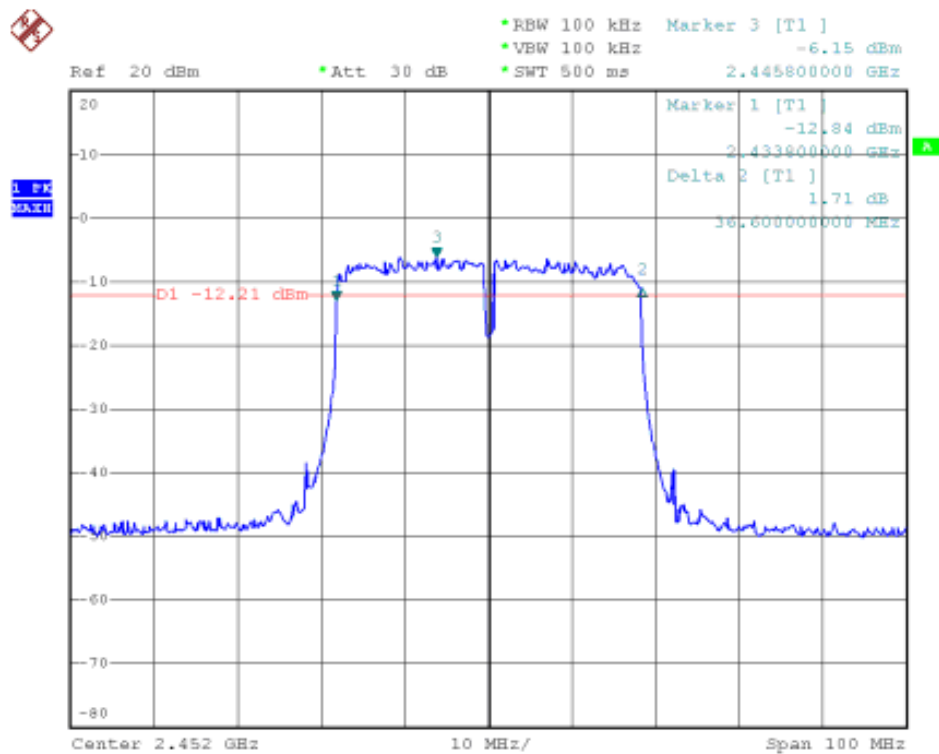




Channel 06 (2437MHz)



Channel 09 (2452MHz)

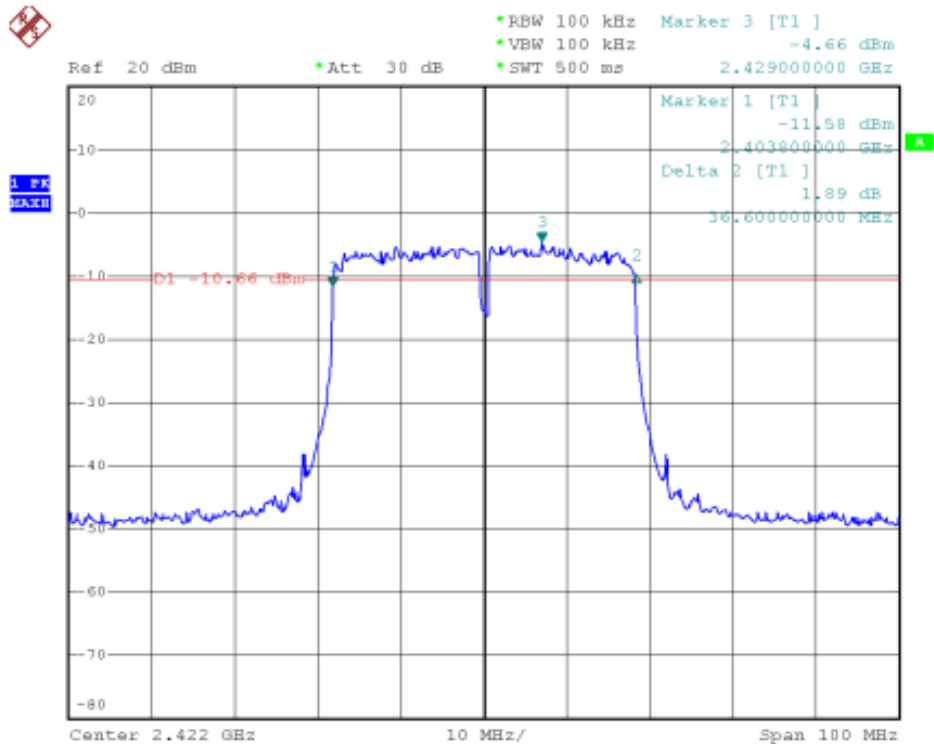




Test Item	Occupied Bandwidth
Test Mode	Mode 4: Transmit by 802.11n (40MHz) (An1)
Test Date	2010-08-25

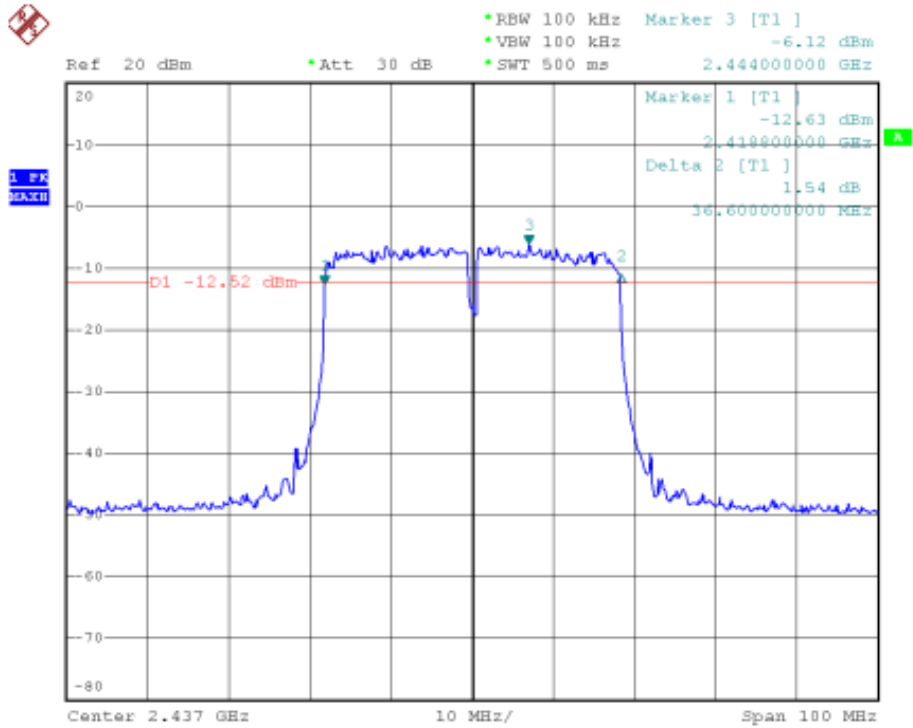
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
03	2422	36600	500	Pass
06	2437	36600	500	Pass
09	2452	36400	500	Pass

Channel 03 (2422MHz)

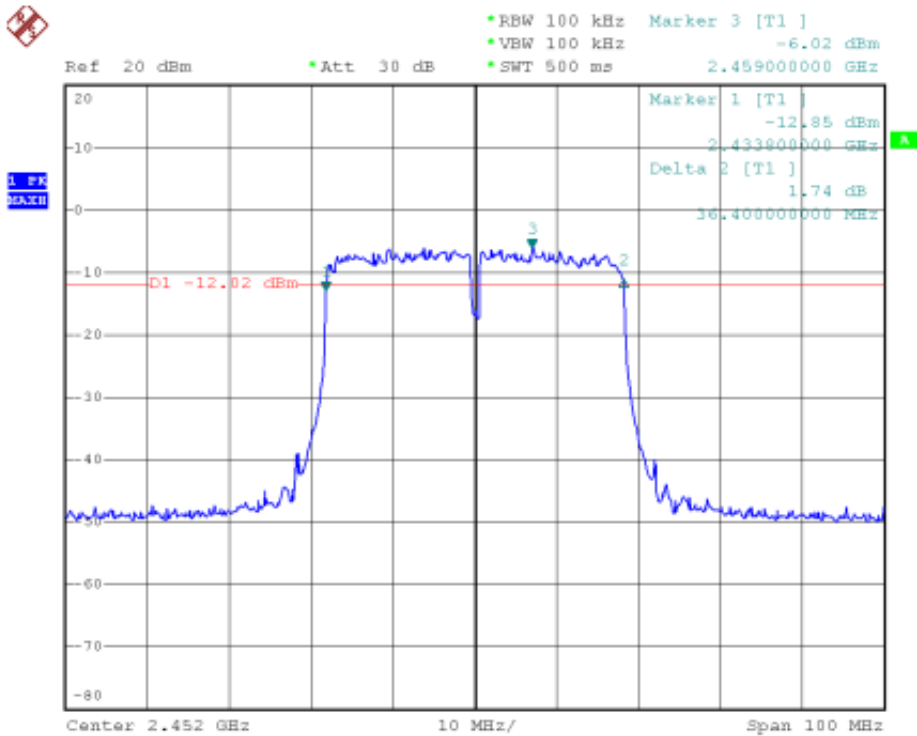




Channel 06 (2437MHz)



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.

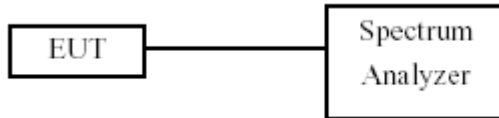
As "T" \geq sweep time, the test procedure will be used as following:

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

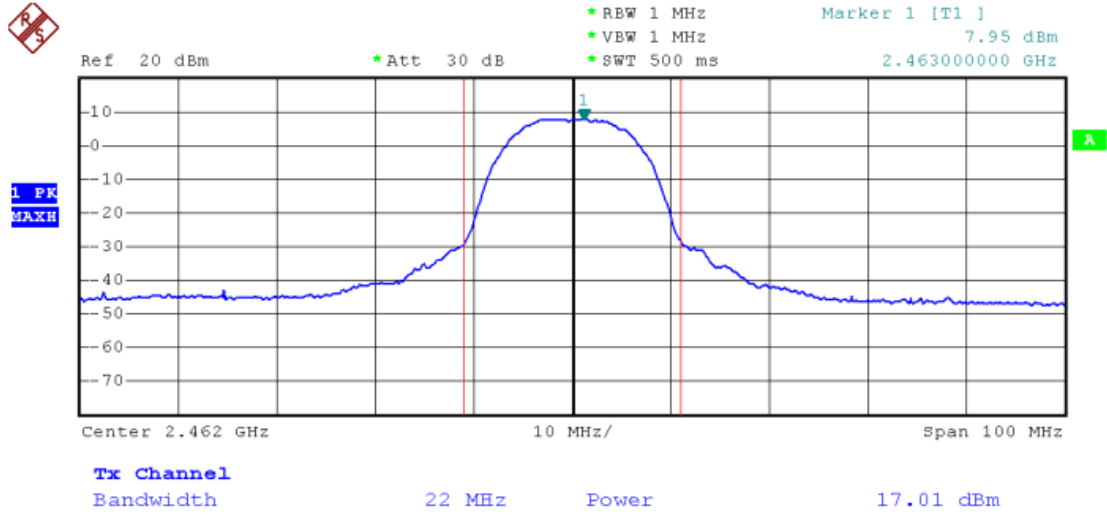


6.4. Measurement Equipment

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2009.11.02
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2009.10.19



Channel 11 (2462MHz)

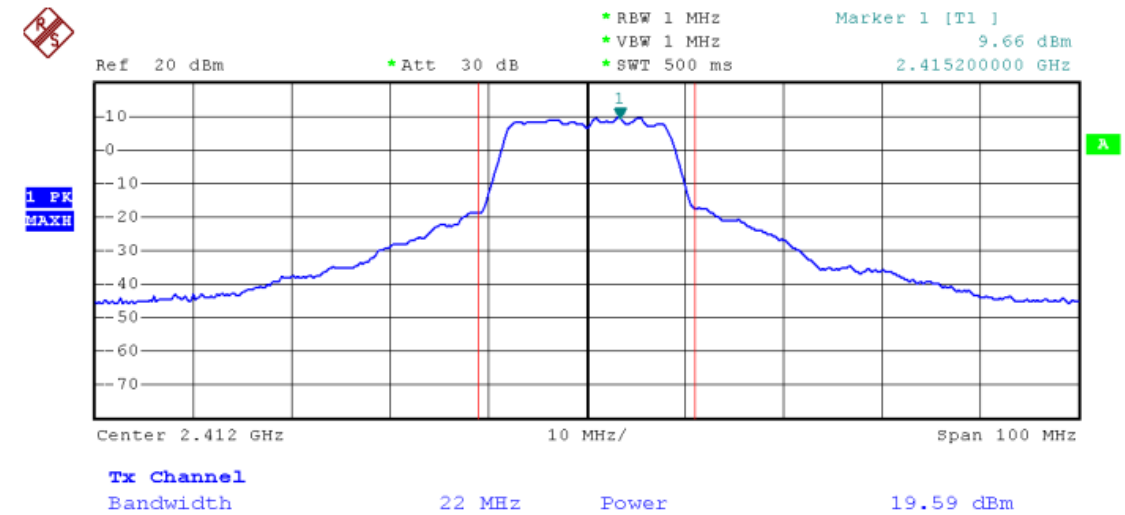




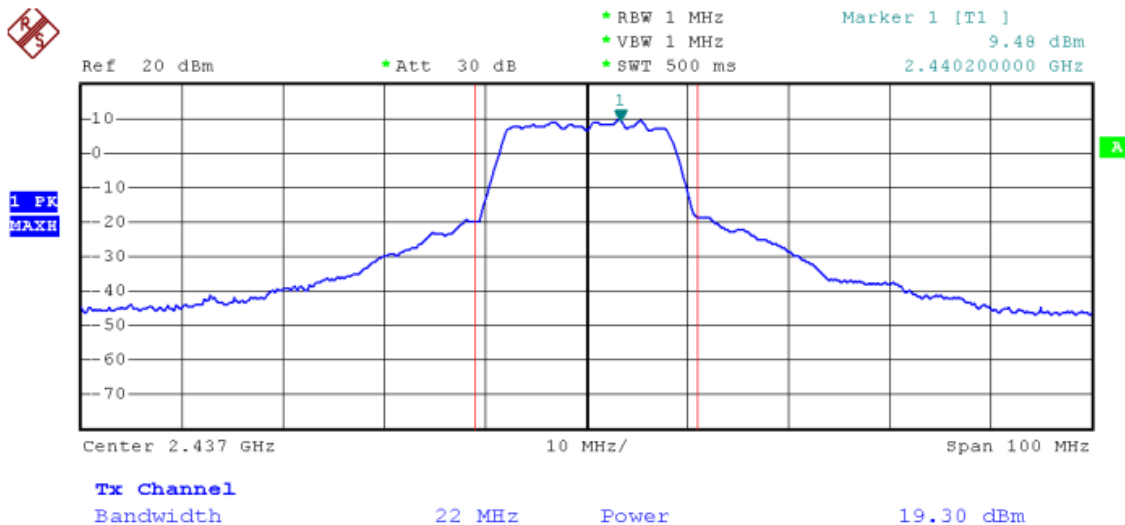
Test Item	Maximum Peak Output Power
Test Mode	Mode 2: Transmit by 802.11g (An0)
Test Date	2010-08-25

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	2412	19.59	30 dBm	Pass
06	2437	19.30	30 dBm	Pass
11	2462	20.15	30 dBm	Pass

Channel 01 (2412MHz)

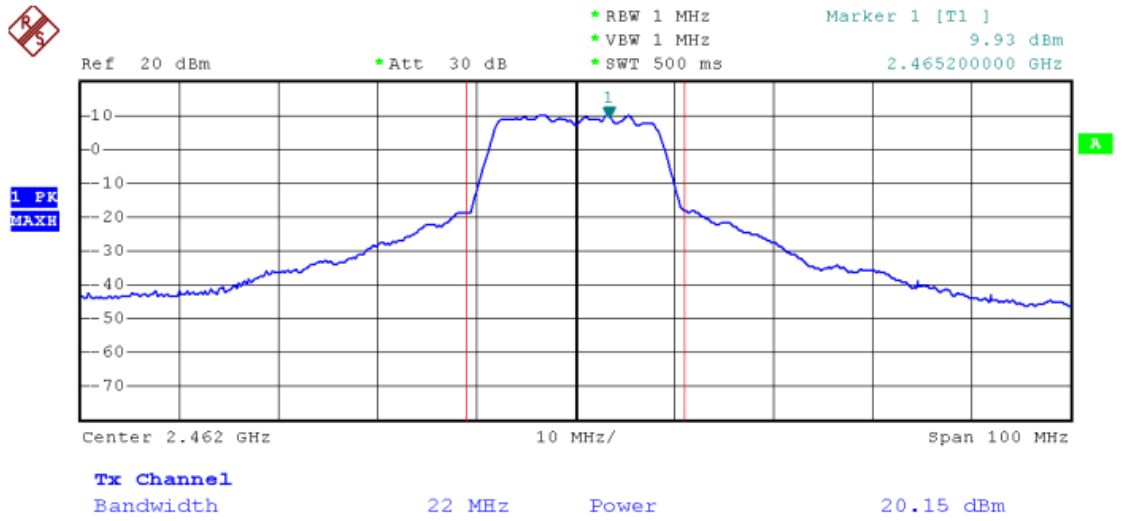


Channel 06 (2437MHz)





Channel 11 (2462MHz)





Test Item	Maximum Peak Output Power
Test Mode	Mode 3: Transmit by 802.11n (20MHz) (An0 and An1)
Test Date	2010-08-25

An0:

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	2412	18.33	30 dBm	Pass
06	2437	16.55	30 dBm	Pass
11	2462	17.50	30 dBm	Pass

An1:

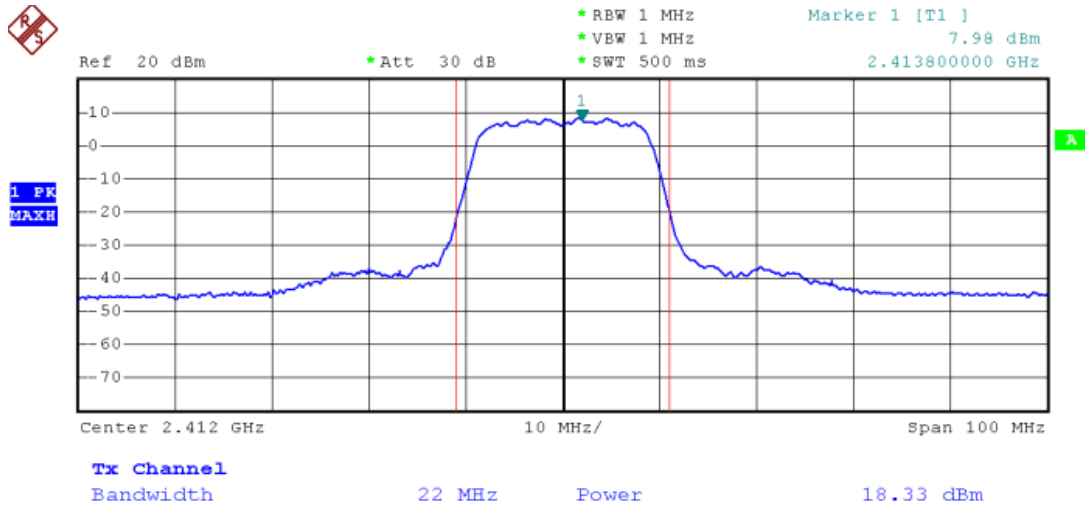
Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	2412	18.06	30 dBm	Pass
06	2437	18.84	30 dBm	Pass
11	2462	18.52	30 dBm	Pass

An0 and An1:

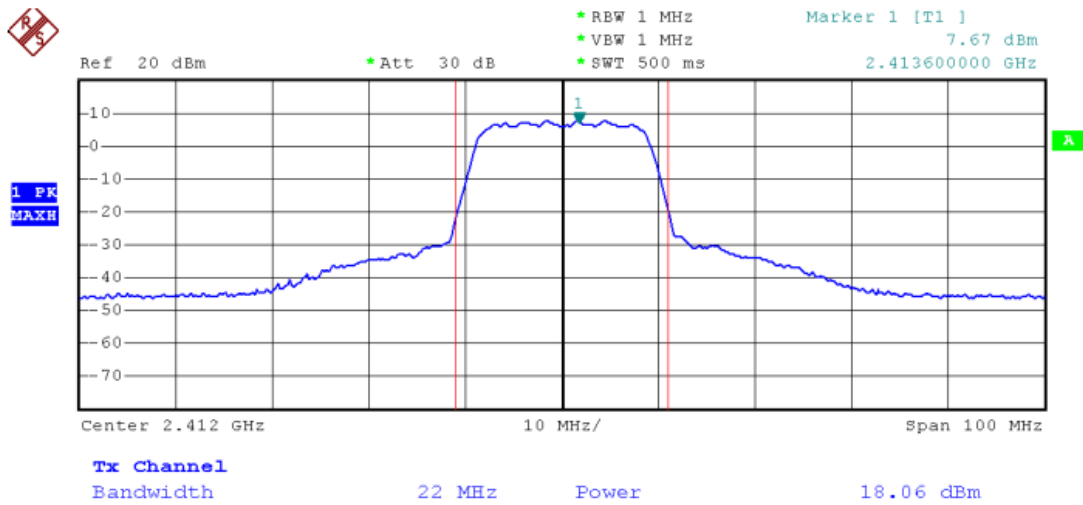
Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	2412	21.21	30 dBm	Pass
06	2437	20.85	30 dBm	Pass
11	2462	21.05	30 dBm	Pass



Channel 01 (2412MHz) (An0)

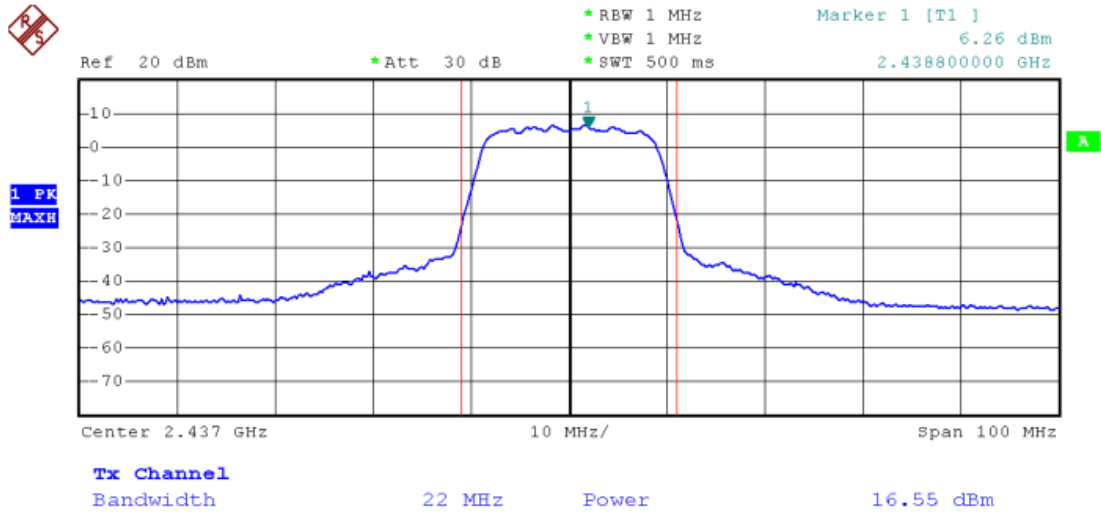


Channel 01 (2412MHz) (An1)

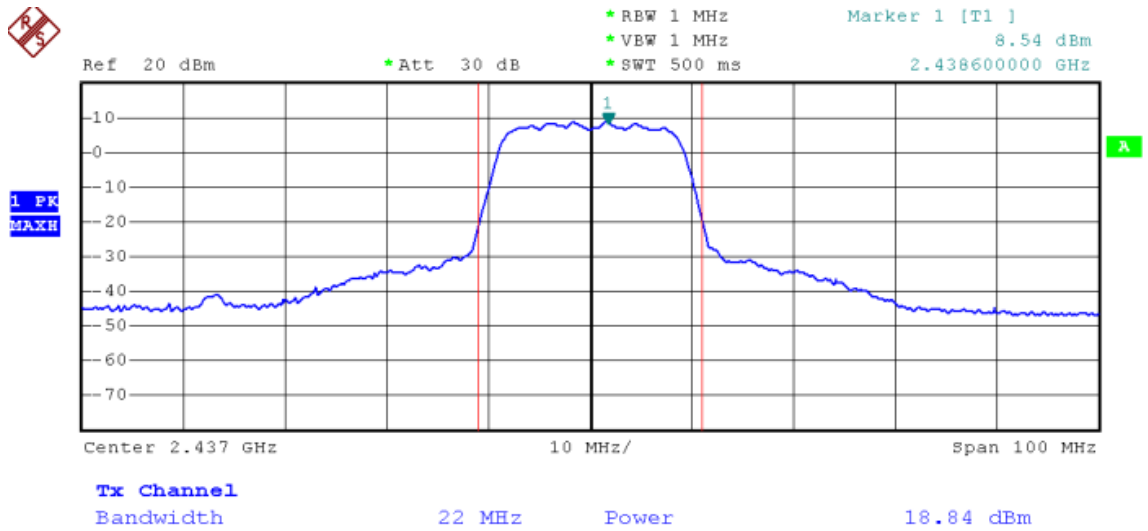




Channel 06 (2437MHz) (An0)

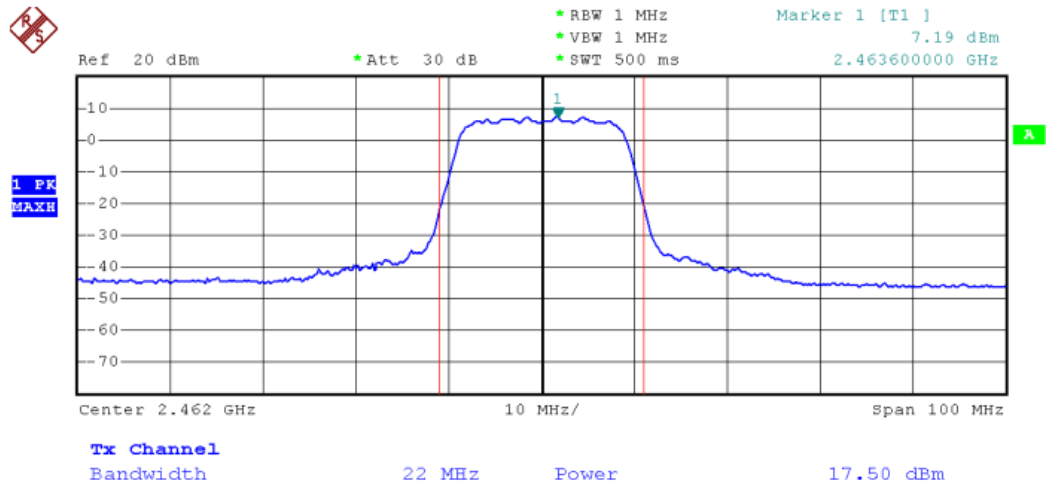


Channel 06 (2437MHz) (An1)

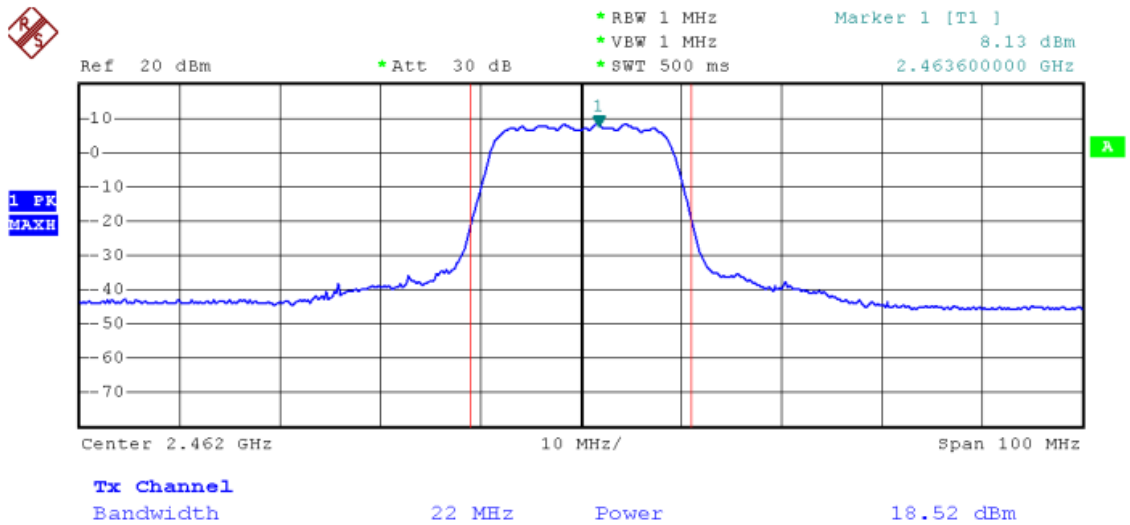




Channel 11 (2462MHz) (An0)



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	2010-08-25

An0:

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
03	2422	18.49	30 dBm	Pass
06	2437	17.22	30 dBm	Pass
09	2452	18.13	30 dBm	Pass

An1:

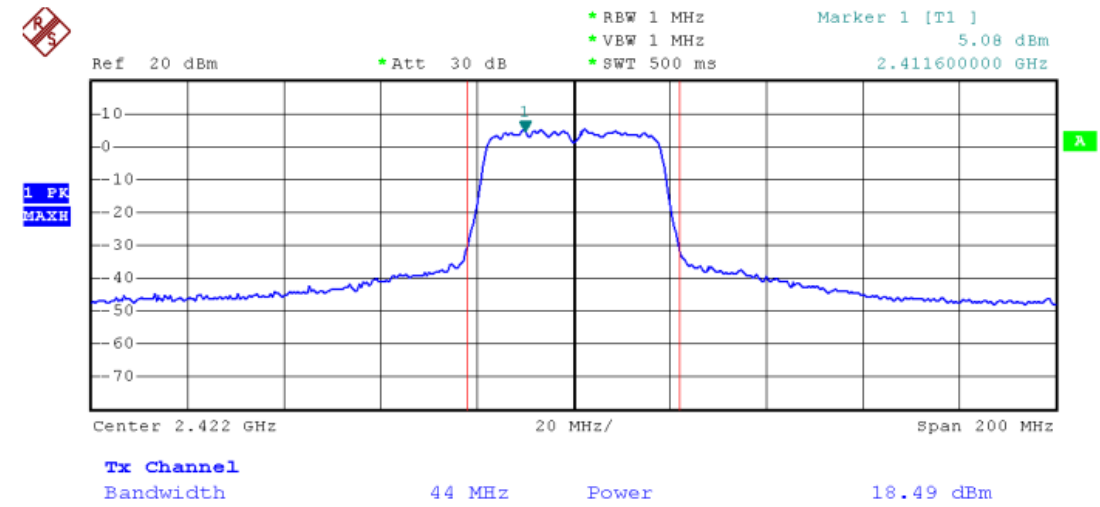
Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
03	2422	19.39	30 dBm	Pass
06	2437	18.16	30 dBm	Pass
09	2452	18.02	30 dBm	Pass

An0 and An1:

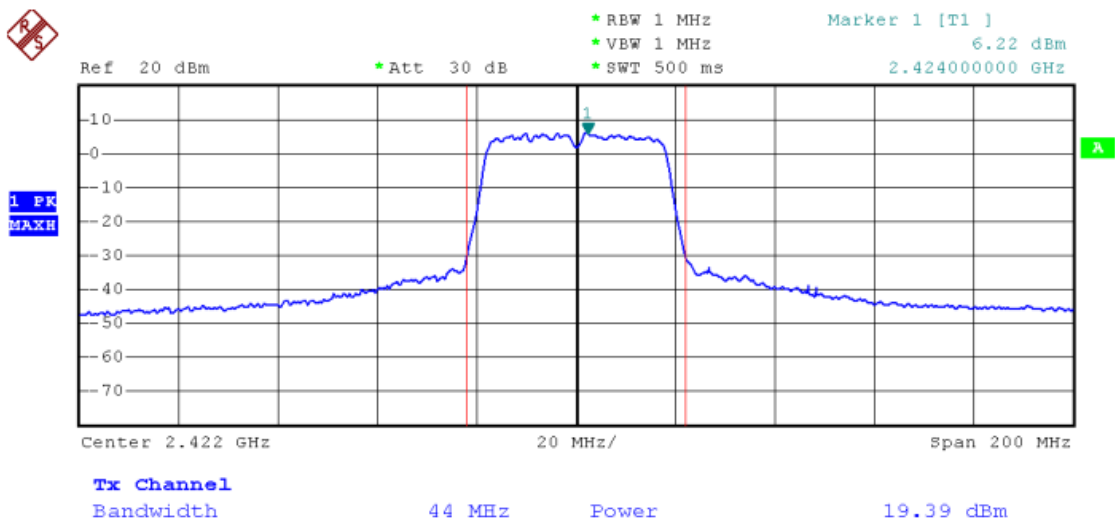
Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
03	2422	21.97	30 dBm	Pass
06	2437	20.73	30 dBm	Pass
09	2452	21.09	30 dBm	Pass



Channel 03 (2422MHz) (An0)

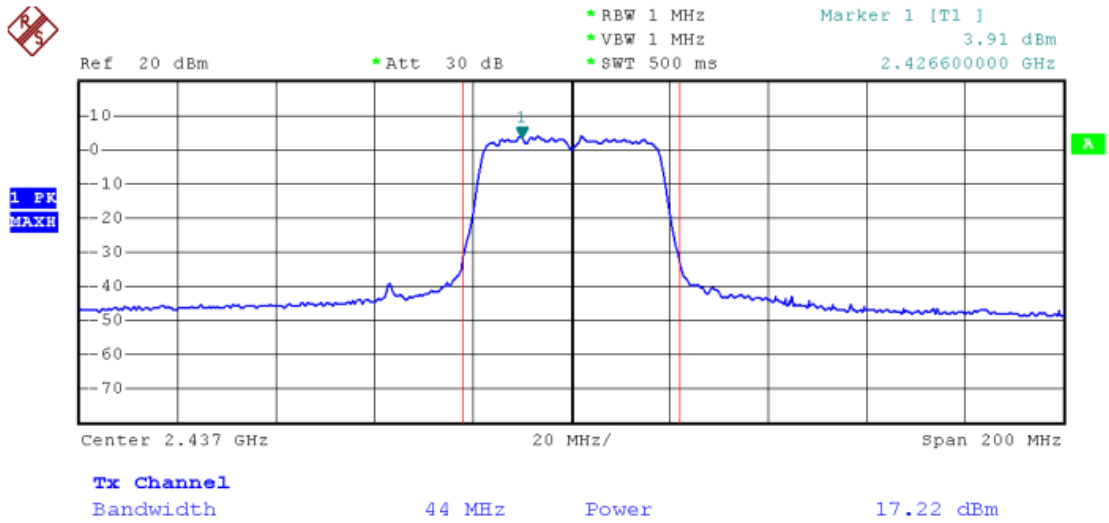


Channel 03 (2422MHz) (An1)

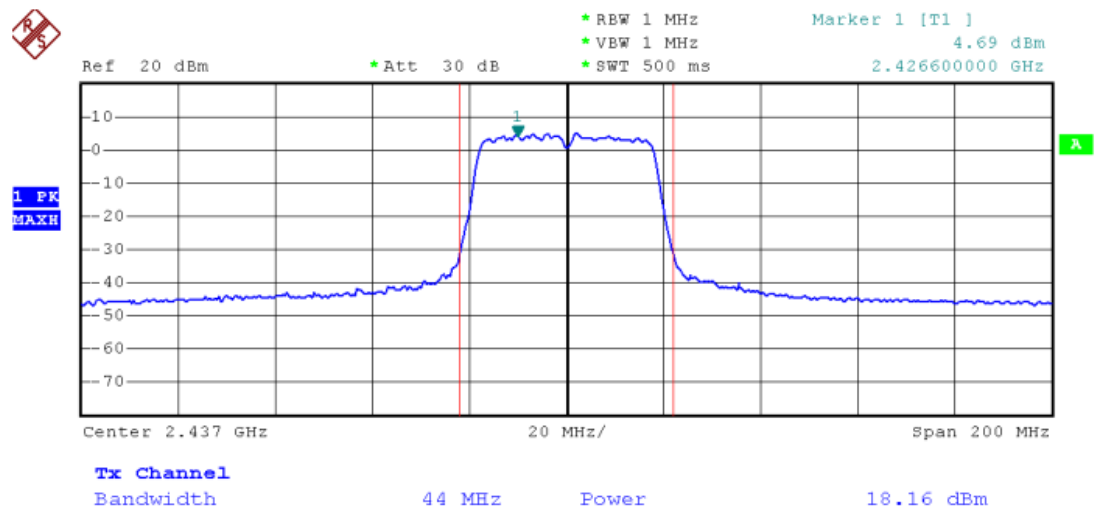




Channel 06 (2437MHz) (An0)

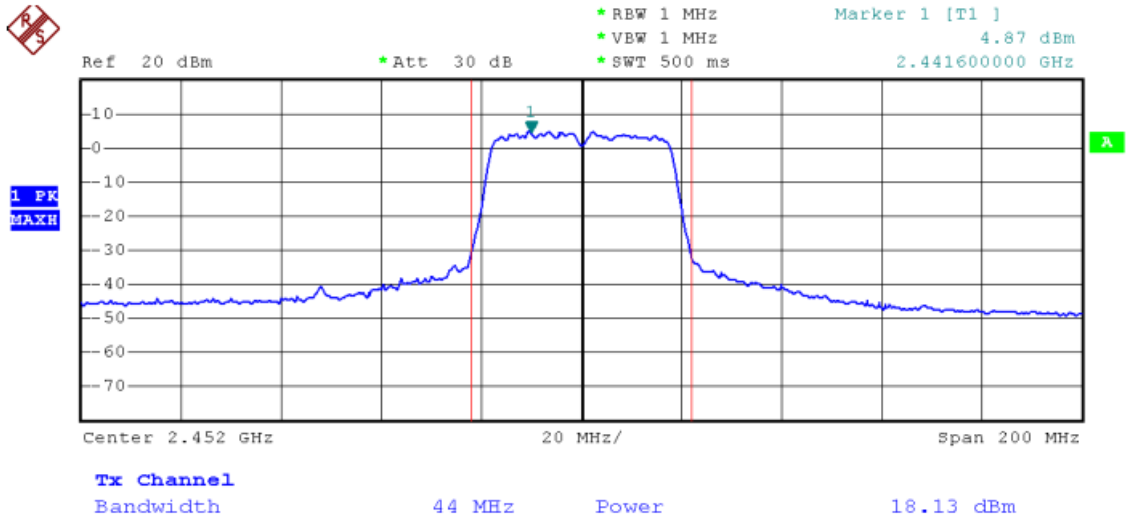


Channel 06 (2437MHz) (An1)

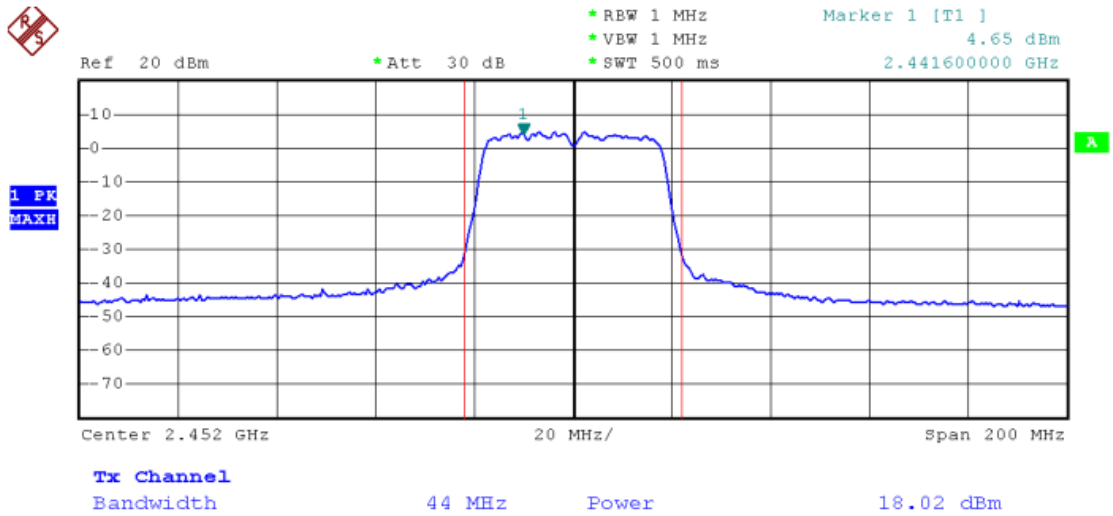




Channel 09 (2452MHz) (An0)



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.

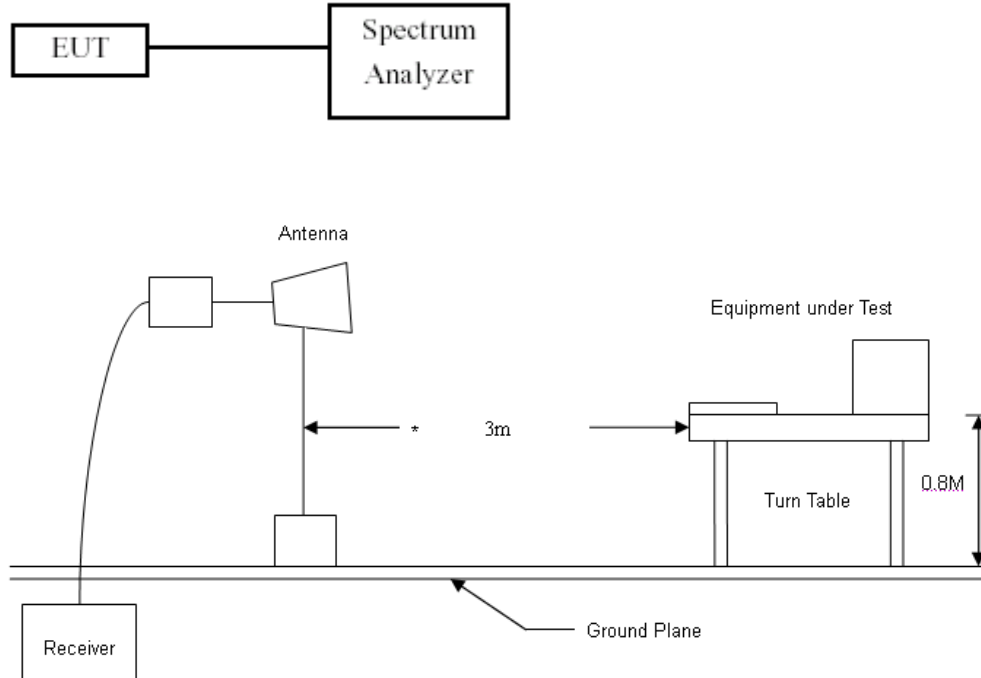
For measurements above 1GHz the resolution bandwidth is set to 1MHz, then the video bandwidth is set to 1MHz for peak measurements and 10Hz for average measurements.

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



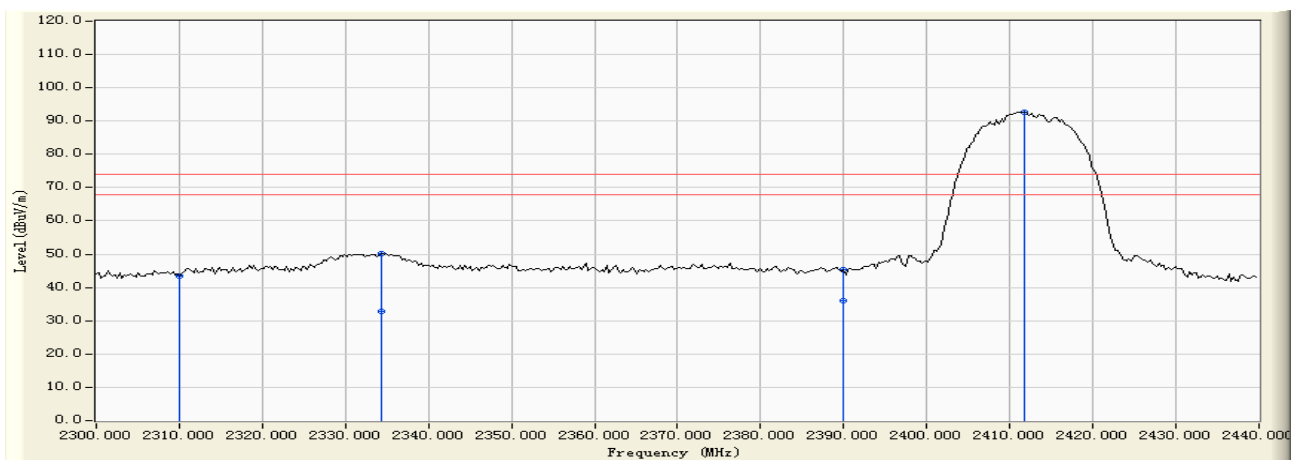
7.4. Measurement Equipment

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2009.11.02
H64 Amplifier	HP	8447F	3113A05582	2009.12.01
Preamplifier	Agilent	8449B	ED-HE-EMI-077	2010.02.10
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	100363	2009.11.10
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2009.10.19



7.5. Test Result and Data

Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/24 - 21:00
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)



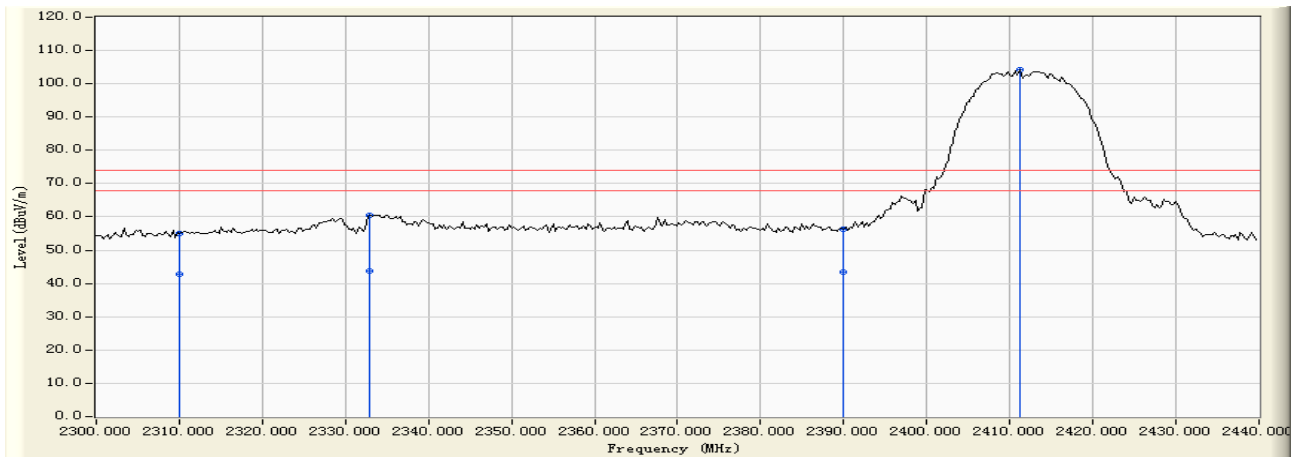
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	43.363	43.552	-30.448	74.000	PEAK
2		2334.371	0.243	49.793	50.036	-23.964	74.000	PEAK
3		2334.371	0.243	32.480	32.723	-21.277	54.000	AVERAGE
4		2390.000	0.358	44.930	45.288	-28.712	74.000	PEAK
5		2390.000	0.358	35.800	36.158	-17.842	54.000	AVERAGE
6	*	2411.776	0.428	92.215	92.643	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. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/24 - 21:02
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)



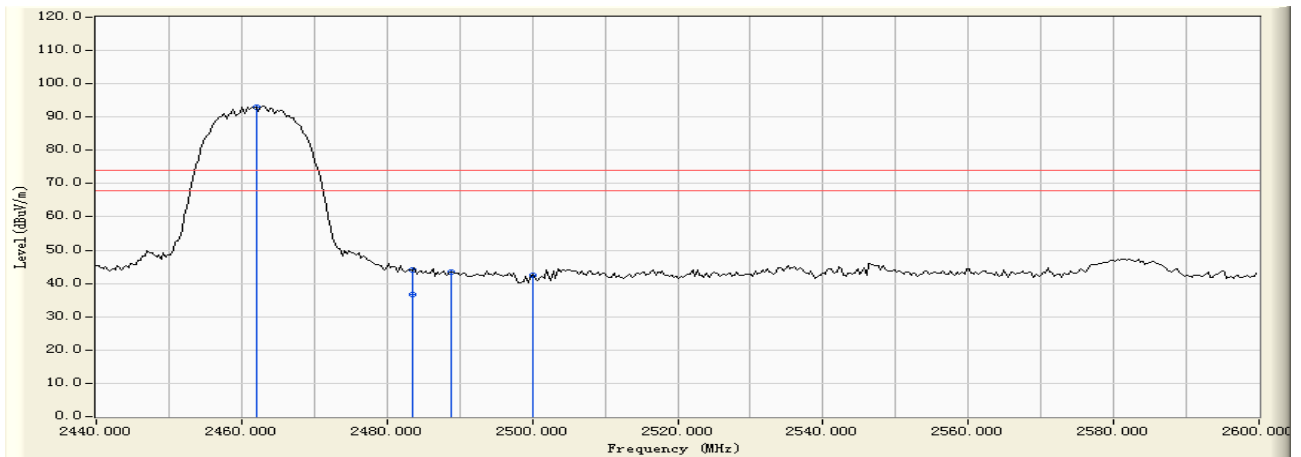
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	54.821	55.010	-18.990	74.000	PEAK
2		2310.000	0.188	42.570	42.759	-11.241	54.000	AVERAGE
3		2332.974	0.240	60.155	60.395	-13.605	74.000	PEAK
4		2332.974	0.240	43.570	43.810	-10.190	54.000	AVERAGE
5		2390.000	0.358	55.972	56.330	-17.670	74.000	PEAK
6		2390.000	0.358	42.950	43.308	-10.692	54.000	AVERAGE
7	*	2411.218	0.426	103.785	104.211	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. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/24 - 21:11
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)



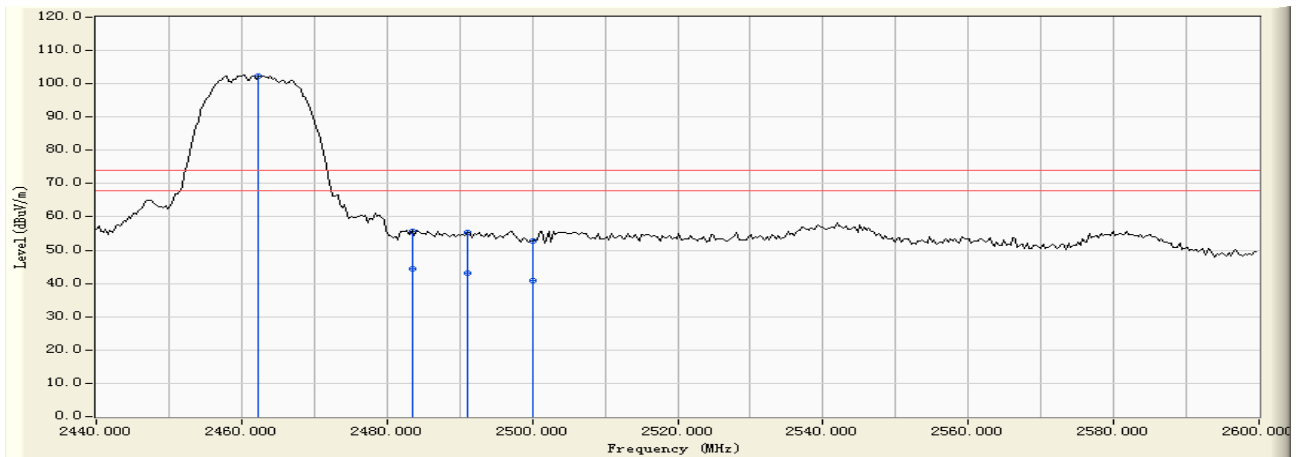
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.036	0.600	92.530	93.130	N/A	N/A	PEAK
2		2483.500	0.672	43.354	44.027	-29.973	74.000	PEAK
3		2483.500	0.672	35.960	36.633	-17.367	54.000	AVERAGE
4		2488.862	0.691	42.595	43.286	-30.714	74.000	PEAK
5		2500.000	0.737	41.884	42.620	-31.380	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 : 2010/08/24 - 21:13
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port 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	*	2462.355	0.601	101.783	102.384	N/A	N/A	PEAK
2		2483.500	0.672	54.931	55.604	-18.396	74.000	PEAK
3		2483.500	0.672	43.570	44.243	-9.757	54.000	AVERAGE
4		2491.098	0.699	54.706	55.405	-18.595	74.000	PEAK
5		2491.098	0.699	42.480	43.179	-10.821	54.000	AVERAGE
6		2500.000	0.737	52.106	52.842	-21.158	74.000	PEAK
7		2500.000	0.737	40.170	40.906	-13.094	54.000	AVERAGE

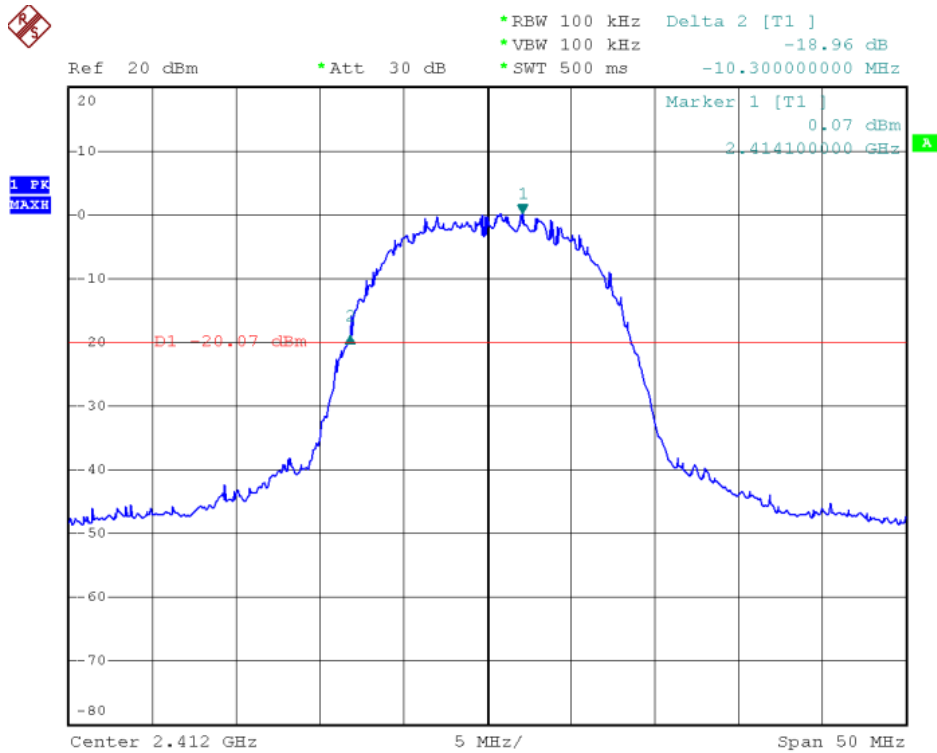
Note:

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



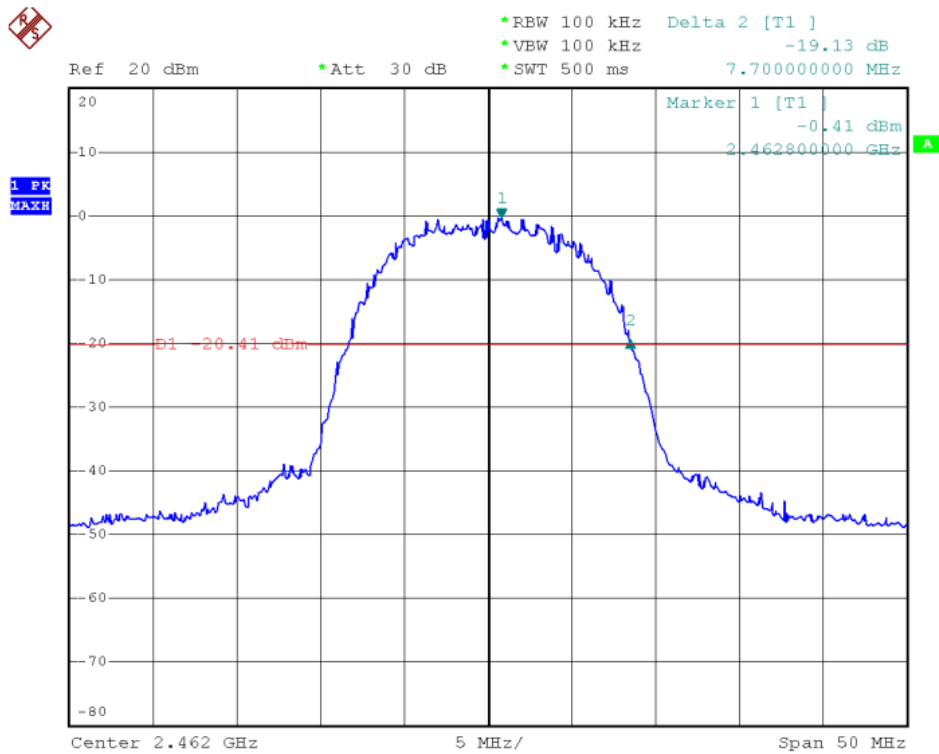
Band Edge (20dBc RF Conducted Measurement)

Mode 1: Transmit by 802.11b (An0) (2412MHz)



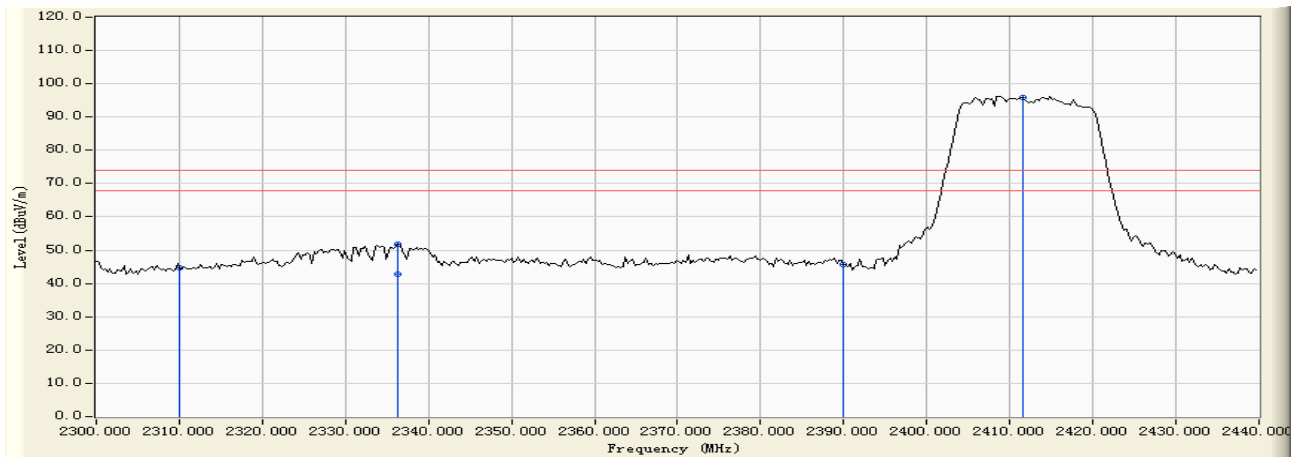
Band Edge (20dBc RF Conducted Measurement)

Mode 1: Transmit by 802.11b (An0) (2462MHz)





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/24 - 21:21
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)



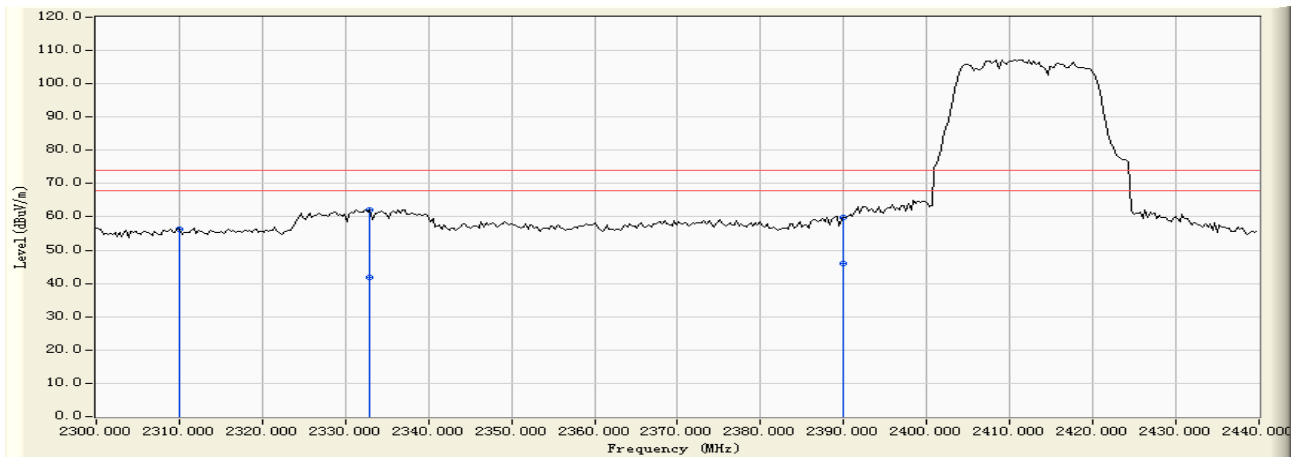
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	44.400	44.589	-29.411	74.000	PEAK
2		2336.327	0.248	51.557	51.805	-22.195	74.000	PEAK
3		2336.327	0.248	42.570	42.818	-11.182	54.000	AVERAGE
4		2390.000	0.358	45.460	45.818	-28.182	74.000	PEAK
5	*	2411.497	0.427	95.485	95.912	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. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/24 - 21:23
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)



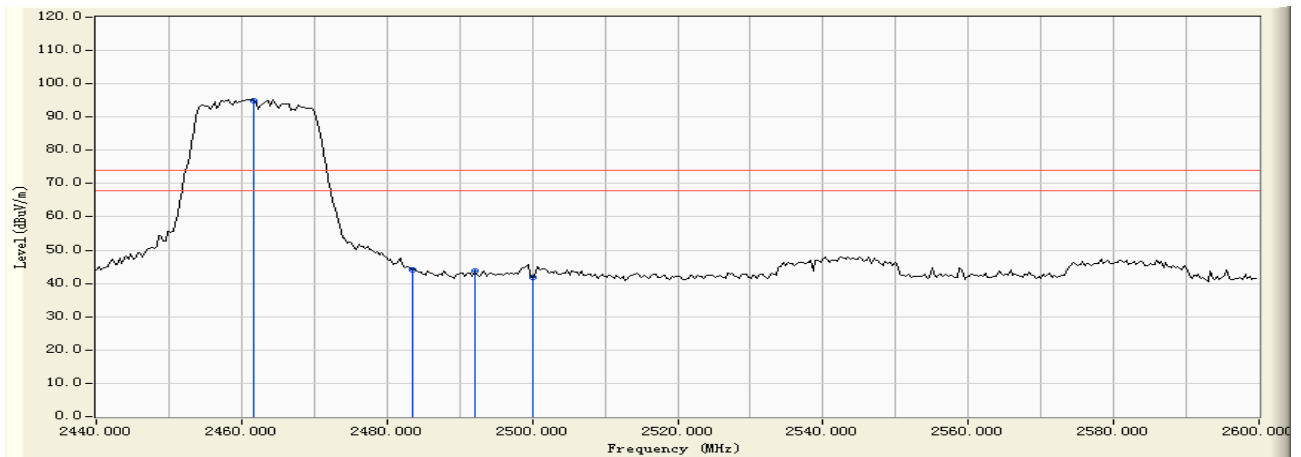
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	56.267	56.456	-17.544	74.000	PEAK
2	*	2332.974	0.240	61.986	62.226	N/A	N/A	PEAK
3		2332.974	0.240	41.470	41.710	-12.290	54.000	AVERAGE
4		2390.000	0.358	59.551	59.909	-14.091	74.000	PEAK
5		2390.000	0.358	45.670	46.028	-7.972	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 : 2010/08/24 - 21:33
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)



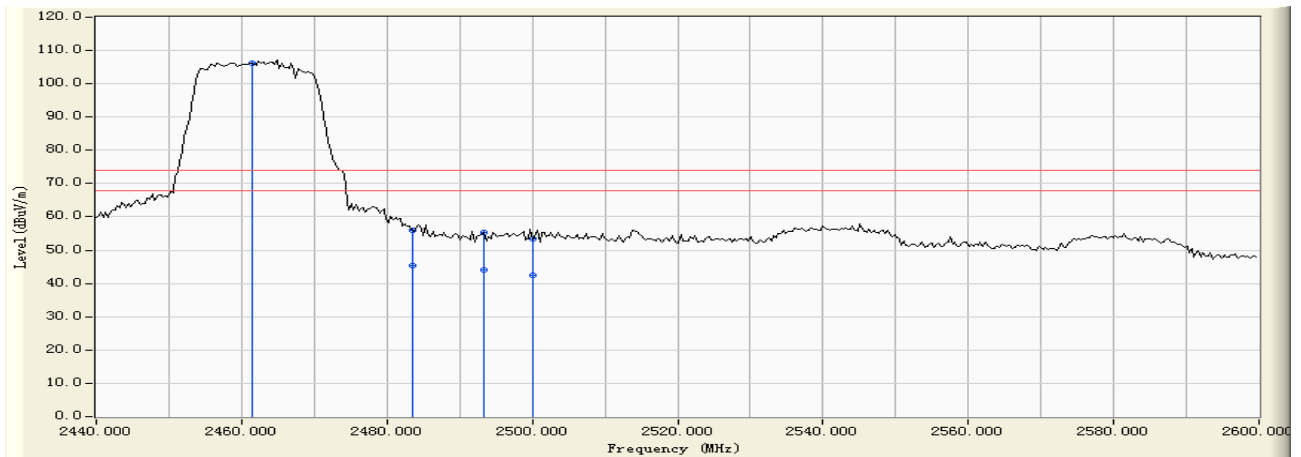
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2461.717	0.599	94.284	94.882	N/A	N/A	PEAK
2		2483.500	0.672	43.486	44.159	-29.841	74.000	PEAK
3		2492.056	0.702	43.085	43.787	-30.213	74.000	PEAK
4		2500.000	0.737	40.970	41.706	-32.294	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 : 2010/08/24 - 21:35
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)



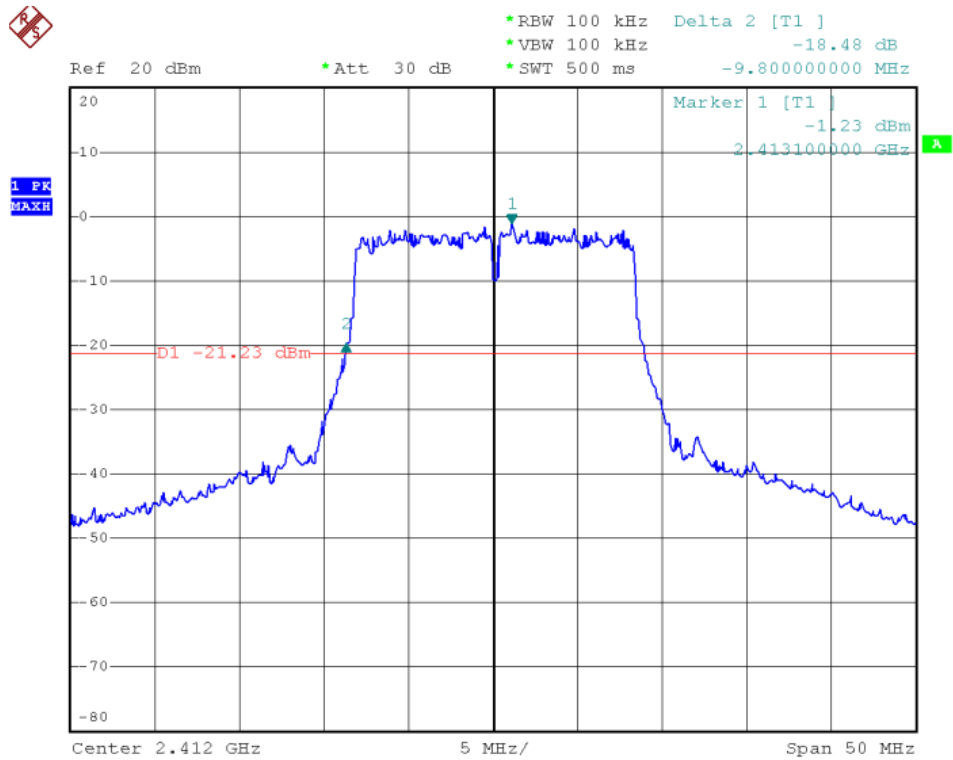
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2461.397	0.597	105.682	106.279	N/A	N/A	PEAK
2		2483.500	0.672	55.343	56.016	-17.984	74.000	PEAK
3		2483.500	0.672	44.670	45.343	-8.657	54.000	AVERAGE
4		2493.333	0.707	54.724	55.431	-18.569	74.000	PEAK
5		2493.333	0.707	43.480	44.187	-9.813	54.000	AVERAGE
6		2500.000	0.737	52.690	53.426	-20.574	74.000	PEAK
7		2500.000	0.737	41.890	42.626	-11.374	54.000	AVERAGE

Note:

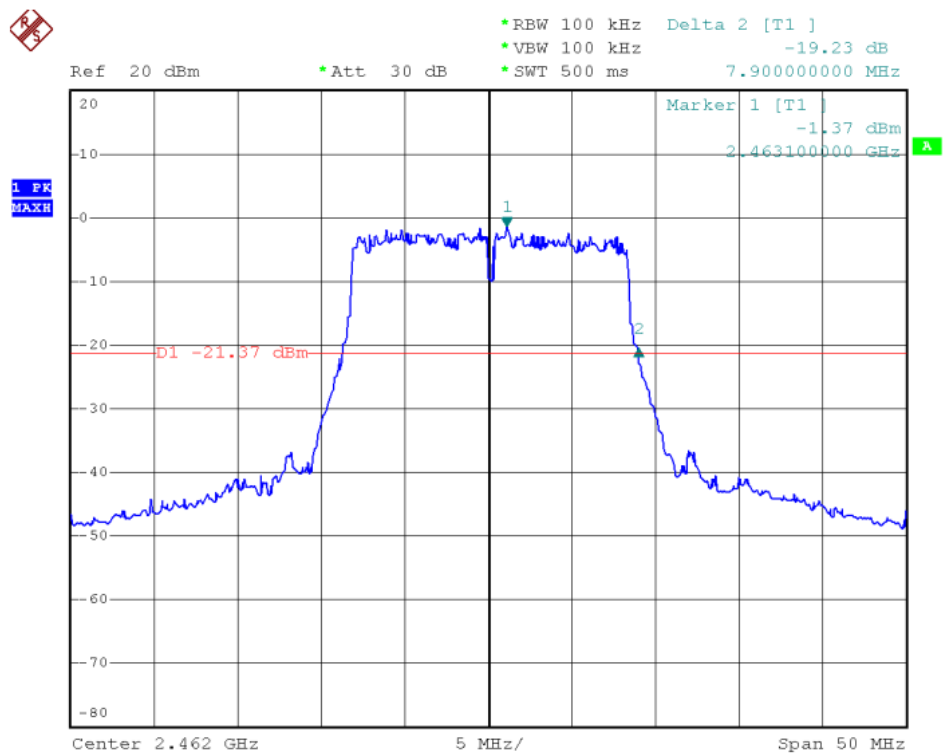
1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Band Edge (20dBc RF Conducted Measurement) Mode 2: Transmit by 802.11g (An0) (2412MHz)

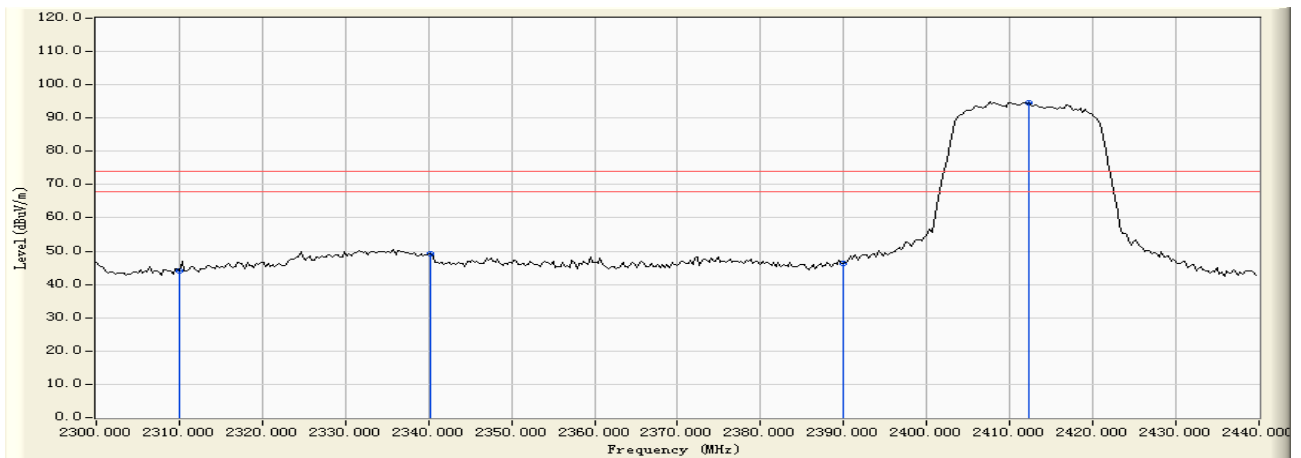


Band Edge (20dBc RF Conducted Measurement) Mode 2: Transmit by 802.11g (An0) (2462MHz)





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/24 - 21:45
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0) (2412MHz)



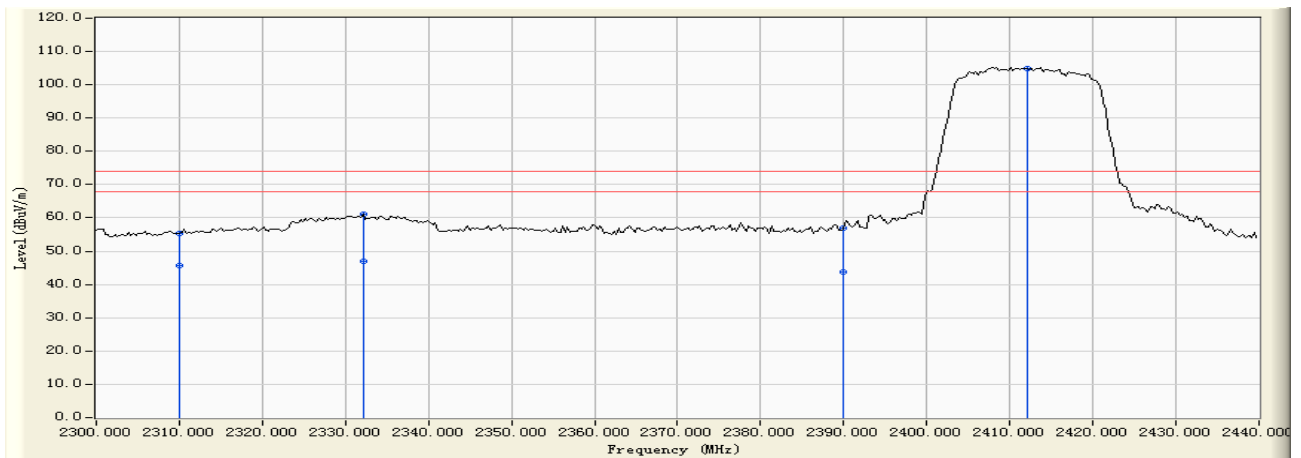
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	44.018	44.207	-29.793	74.000	PEAK
2		2340.240	0.256	49.105	49.361	-24.639	74.000	PEAK
3		2390.000	0.358	45.852	46.210	-27.790	74.000	PEAK
4	*	2412.335	0.429	94.050	94.480	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. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/24 - 21:48
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0) (2412MHz)



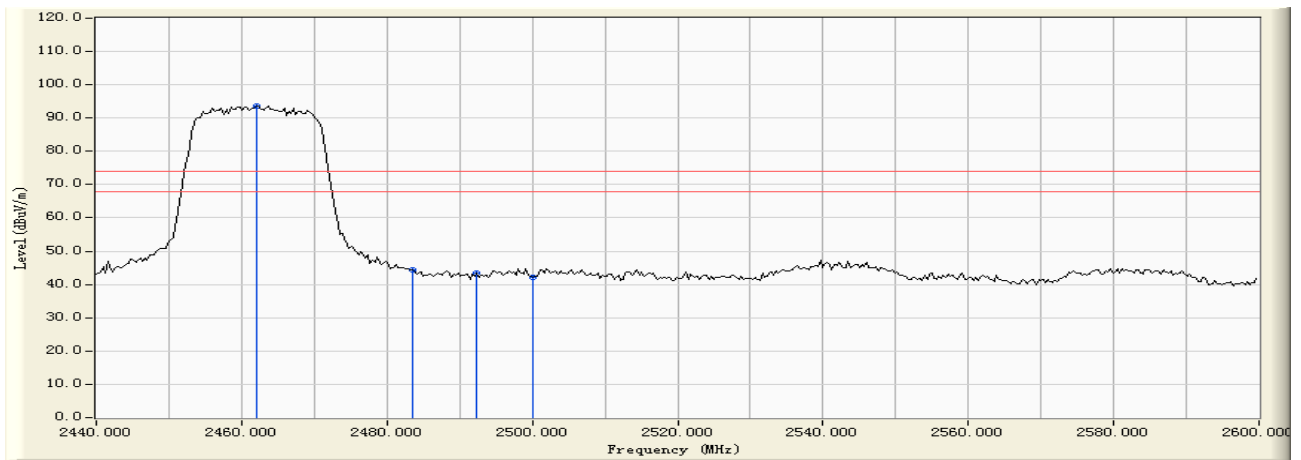
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	55.128	55.317	-18.683	74.000	PEAK
2		2310.000	0.188	45.480	45.669	-8.331	54.000	AVERAGE
3		2332.136	0.238	60.956	61.194	-12.806	74.000	PEAK
4		2332.136	0.238	46.870	47.108	-6.892	54.000	AVERAGE
5		2390.000	0.358	56.533	56.891	-17.109	74.000	PEAK
6		2390.000	0.358	43.470	43.828	-10.172	54.000	AVERAGE
7	*	2412.056	0.428	104.526	104.955	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. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/24 - 21:58
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0) (2462MHz)



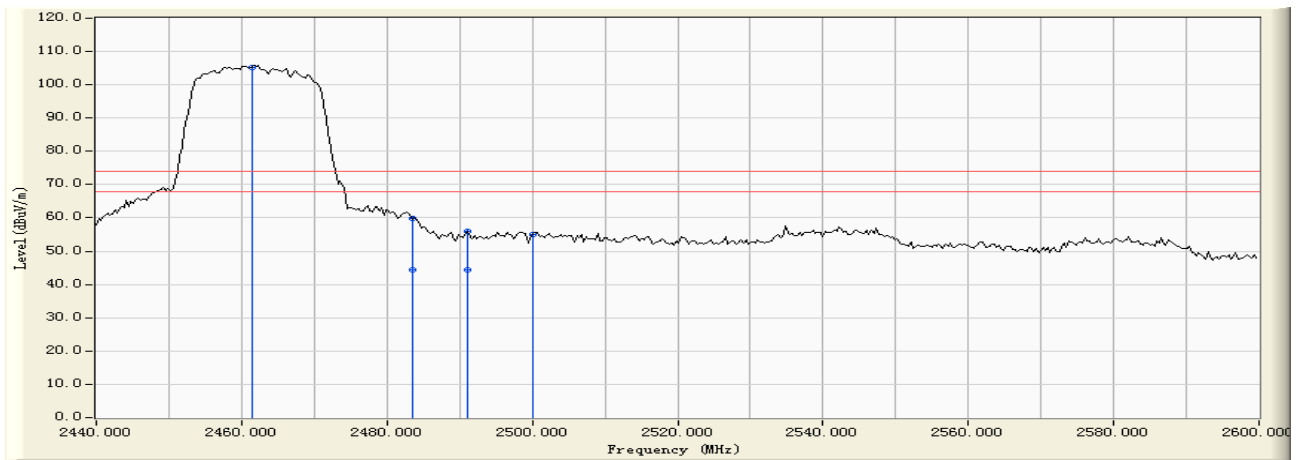
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.036	0.600	93.012	93.612	N/A	N/A	PEAK
2		2483.500	0.672	43.752	44.425	-29.575	74.000	PEAK
3		2492.375	0.703	42.774	43.477	-30.523	74.000	PEAK
4		2500.000	0.737	41.491	42.227	-31.773	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 : 2010/08/24 - 21:59
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0) (2462MHz)



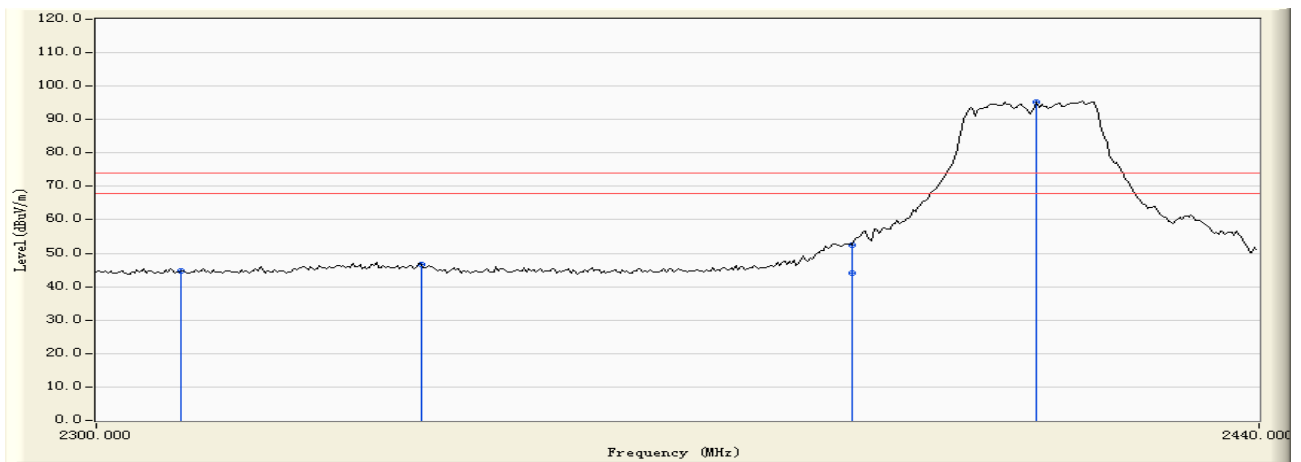
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2461.397	0.597	104.725	105.322	N/A	N/A	PEAK
2		2483.500	0.672	59.056	59.729	-14.271	74.000	PEAK
3		2483.500	0.672	43.840	44.513	-9.487	54.000	AVERAGE
4		2491.098	0.699	55.351	56.050	-17.950	74.000	PEAK
5		2491.098	0.699	43.820	44.519	-9.481	54.000	AVERAGE
6		2500.000	0.737	54.413	55.149	-18.851	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 : 2010/08/24 - 22:50
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2412MHz)



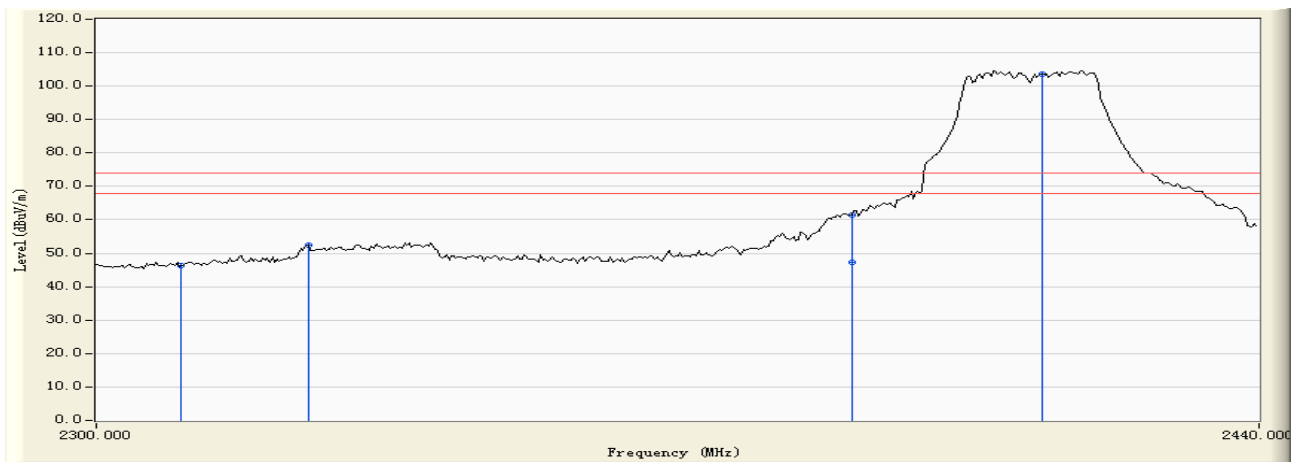
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	44.369	44.558	-29.442	74.000	PEAK
2		2338.283	0.251	46.505	46.757	-27.243	74.000	PEAK
3		2390.000	0.358	52.180	52.538	-21.462	74.000	PEAK
4		2390.000	0.358	43.570	43.928	-10.072	54.000	AVERAGE
5	*	2412.615	0.431	94.810	95.241	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. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/24 - 22:51
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2412MHz)



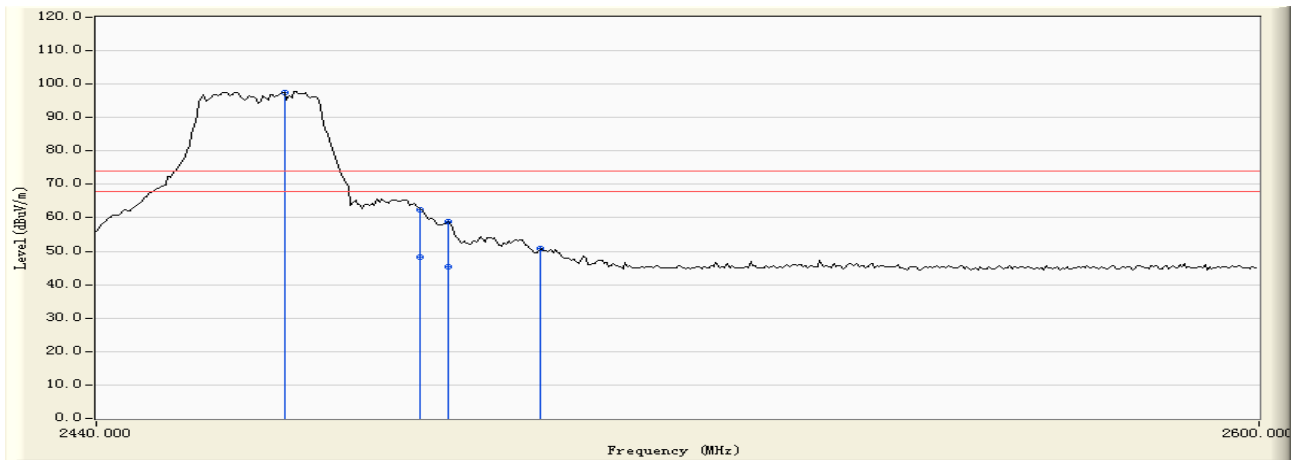
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	46.171	46.360	-27.640	74.000	PEAK
2		2324.870	0.221	52.082	52.304	-21.696	74.000	PEAK
3		2390.000	0.358	61.165	61.523	-12.477	74.000	PEAK
4		2390.000	0.358	46.950	47.308	-6.692	54.000	AVERAGE
5	*	2413.174	0.433	103.314	103.747	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. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/24 - 22:56
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2462MHz)



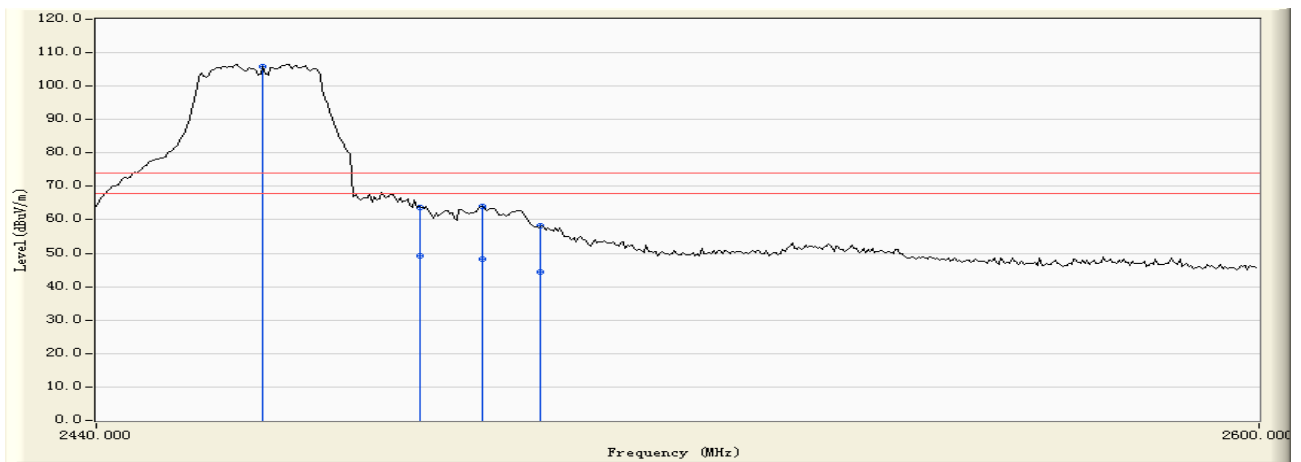
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2465.229	0.610	96.857	97.468	N/A	N/A	PEAK
2		2483.500	0.672	61.871	62.544	-11.456	74.000	PEAK
3		2483.500	0.672	47.680	48.353	-5.647	54.000	AVERAGE
4		2487.265	0.686	58.140	58.826	-15.174	74.000	PEAK
5		2487.265	0.686	44.570	45.256	-8.744	54.000	AVERAGE
6		2500.000	0.737	50.124	50.860	-23.140	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 : 2010/08/24 - 22:57
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2462MHz)



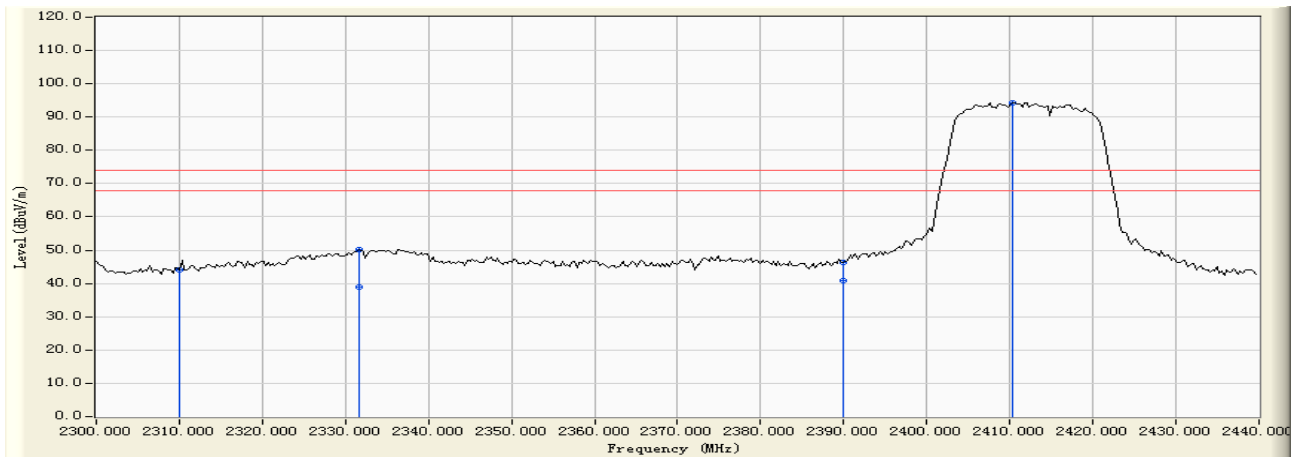
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.355	0.601	105.354	105.955	N/A	N/A	PEAK
2		2483.500	0.672	63.182	63.855	-10.145	74.000	PEAK
3		2483.500	0.672	48.650	49.323	-4.677	54.000	AVERAGE
4		2492.056	0.702	63.168	63.870	-10.130	74.000	PEAK
5		2492.056	0.702	47.460	48.162	-5.838	54.000	AVERAGE
6		2500.000	0.737	57.470	58.206	-15.794	74.000	PEAK
7		2500.000	0.737	43.810	44.546	-9.454	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 : 2010/08/30 - 16:45
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



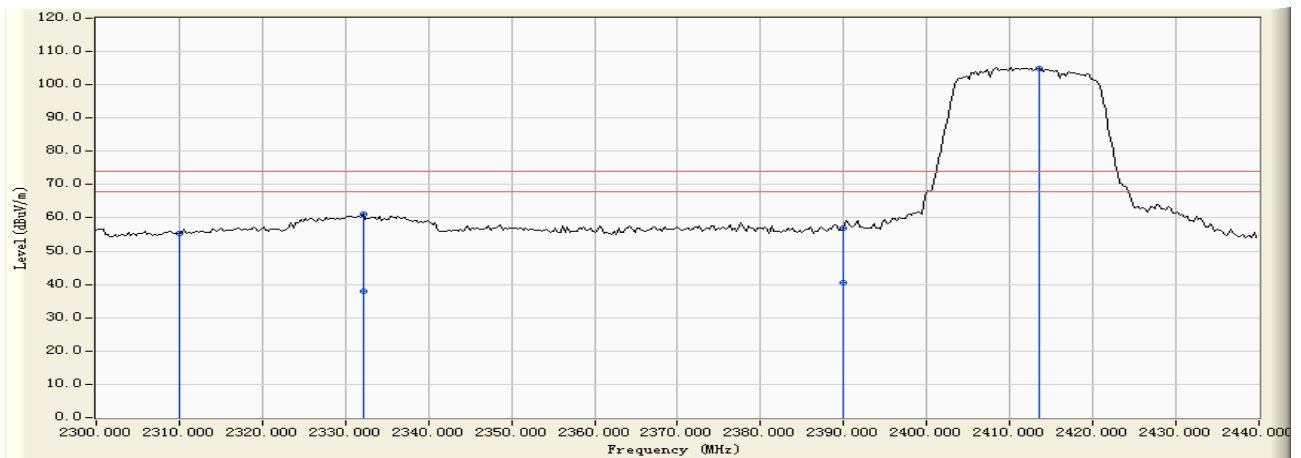
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	44.018	44.207	-29.793	74.000	PEAK
2		2331.577	0.237	49.995	50.232	-23.768	74.000	PEAK
3		2331.577	0.237	38.590	38.827	-15.173	54.000	AVERAGE
4		2390.000	0.358	45.853	46.211	-27.789	74.000	PEAK
5		2390.000	0.358	40.590	40.948	-13.052	54.000	AVERAGE
6	*	2410.379	0.423	93.886	94.309	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. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/30 - 16:48
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)



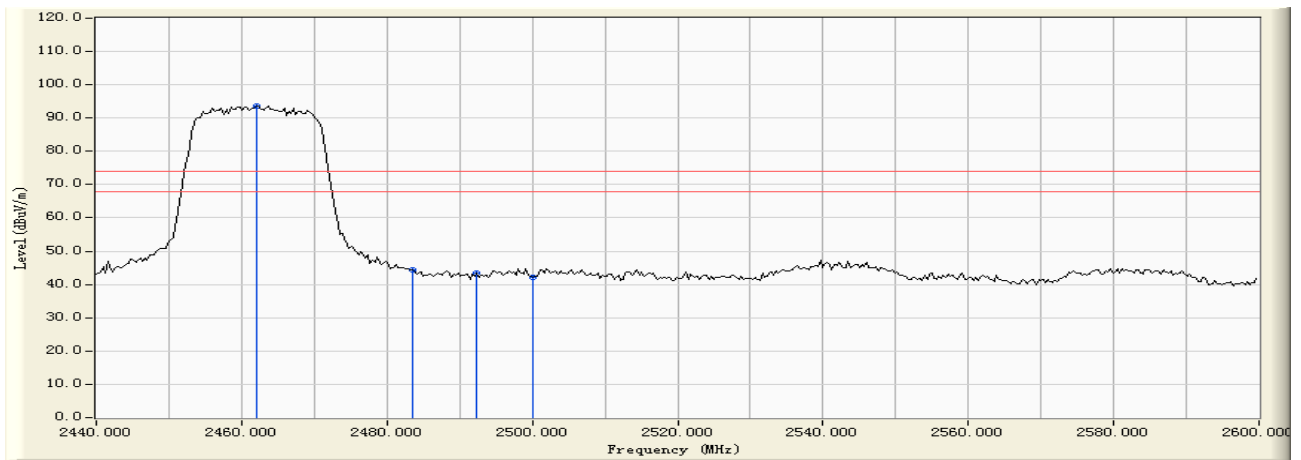
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	55.128	55.317	-18.683	74.000	PEAK
2		2332.136	0.238	60.956	61.194	-12.806	74.000	PEAK
3		2332.136	0.238	37.590	37.828	-16.172	54.000	AVERAGE
4		2390.000	0.358	56.533	56.891	-17.109	74.000	PEAK
5		2390.000	0.358	40.260	40.618	-13.382	54.000	AVERAGE
6	*	2413.453	0.434	104.483	104.916	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. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/30 - 16:58
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



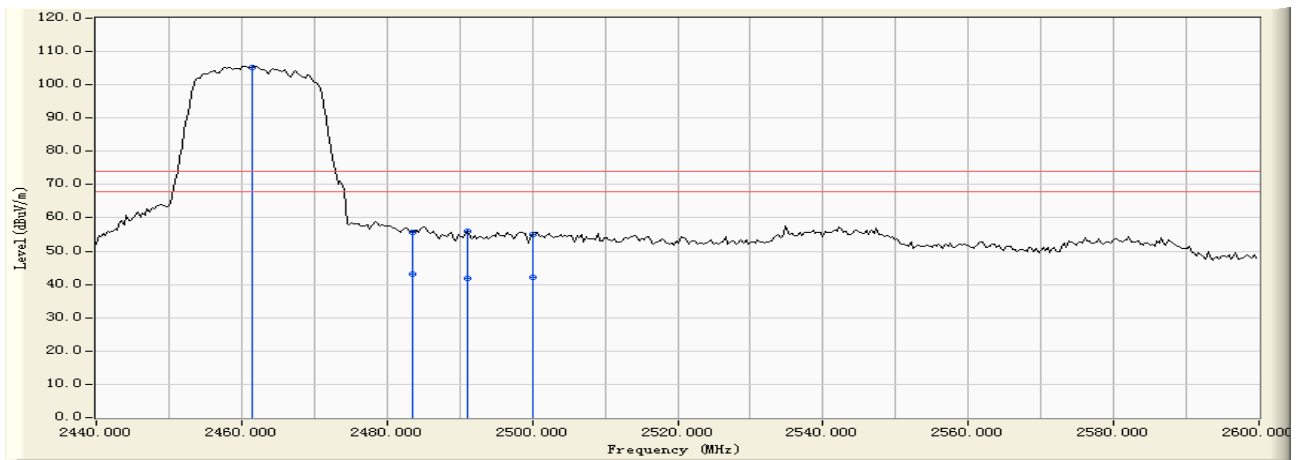
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.036	0.600	93.012	93.612	N/A	N/A	PEAK
2		2483.500	0.672	43.752	44.425	-29.575	74.000	PEAK
3		2492.375	0.703	42.774	43.477	-30.523	74.000	PEAK
4		2500.000	0.737	41.491	42.227	-31.773	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 : 2010/08/30 - 16:59
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)



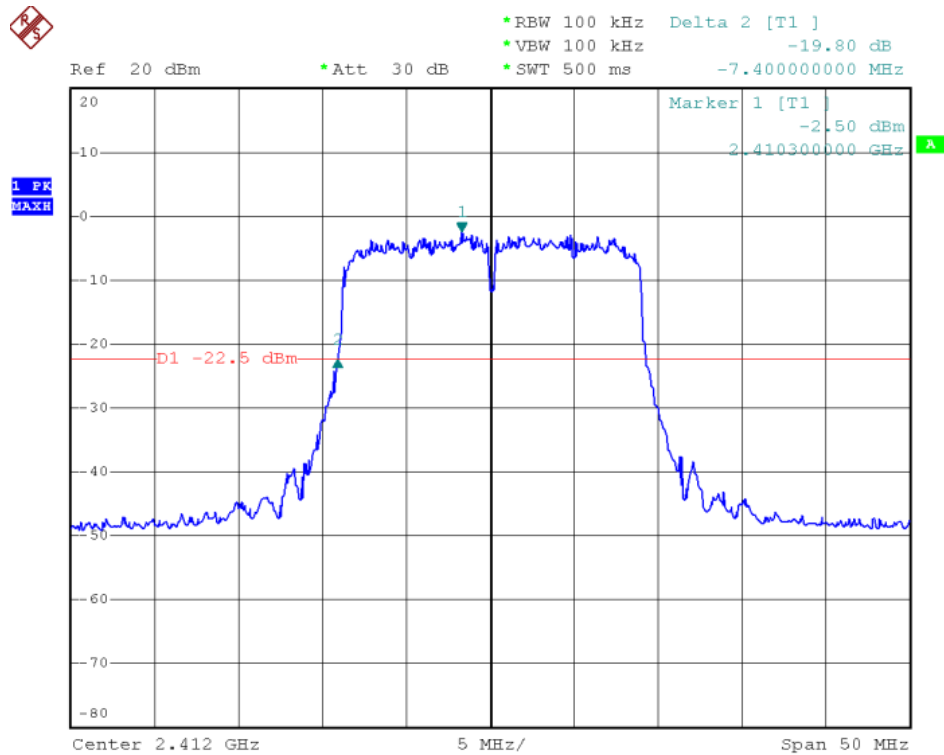
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2461.397	0.597	104.725	105.322	N/A	N/A	PEAK
2		2483.500	0.672	54.956	55.629	-18.371	74.000	PEAK
3		2483.500	0.672	42.590	43.263	-10.737	54.000	AVERAGE
4		2491.098	0.699	55.351	56.050	-17.950	74.000	PEAK
5		2491.098	0.699	41.060	41.759	-12.241	54.000	AVERAGE
6		2500.000	0.737	54.413	55.149	-18.851	74.000	PEAK
7		2500.000	0.737	41.290	42.026	-11.974	54.000	AVERAGE

Note:

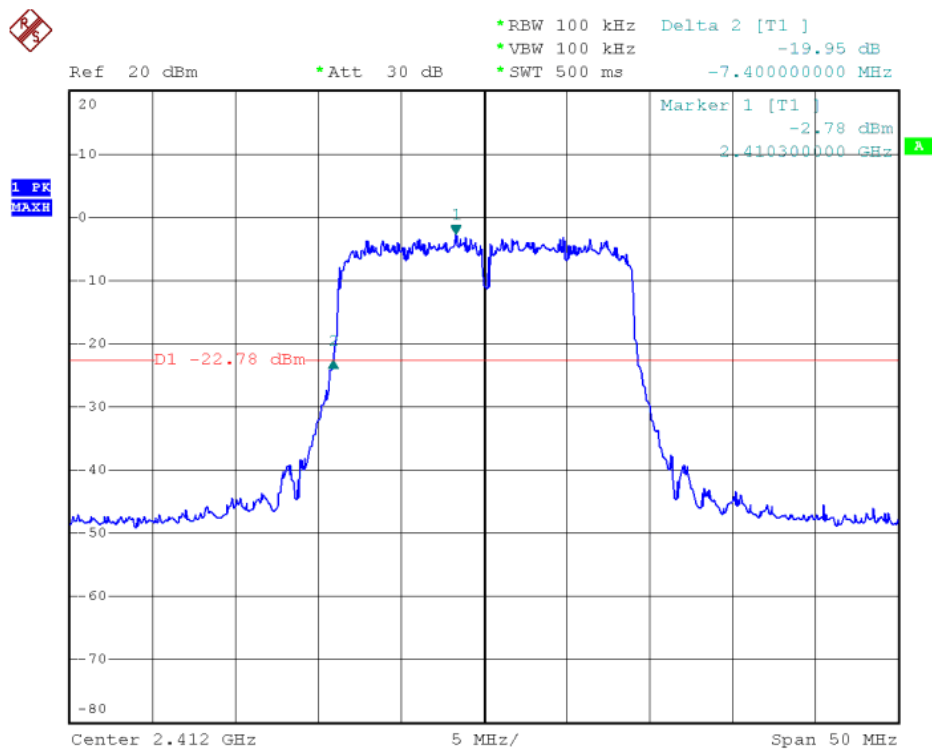
1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Band Edge (20dBc RF Conducted Measurement) Mode 3: Transmit by 802.11n (20MHz) (An0) (2412MHz)

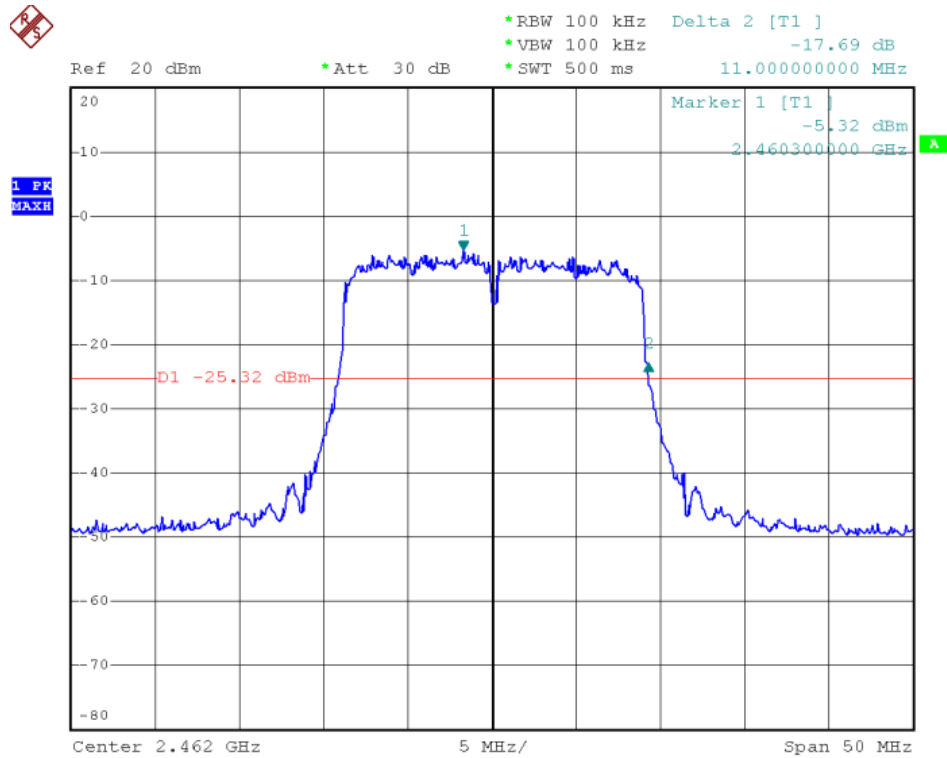


Band Edge (20dBc RF Conducted Measurement) Mode 3: Transmit by 802.11n (20MHz) (An1) (2412MHz)

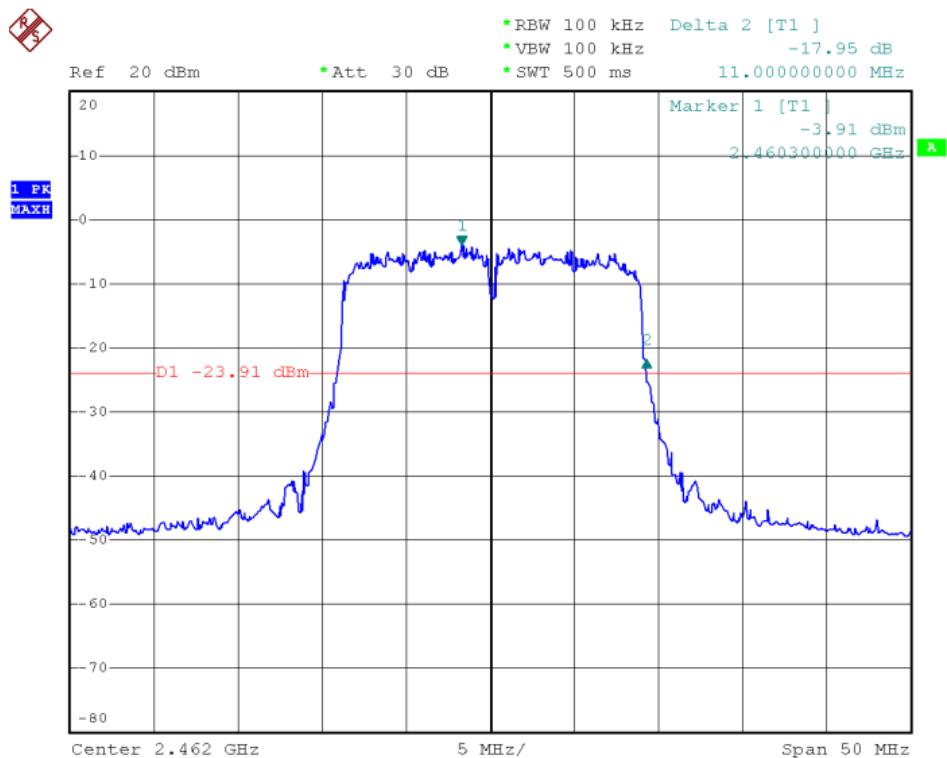




Band Edge (20dBc RF Conducted Measurement)
Mode 3: Transmit by 802.11n (20MHz) (An0) (2462MHz)

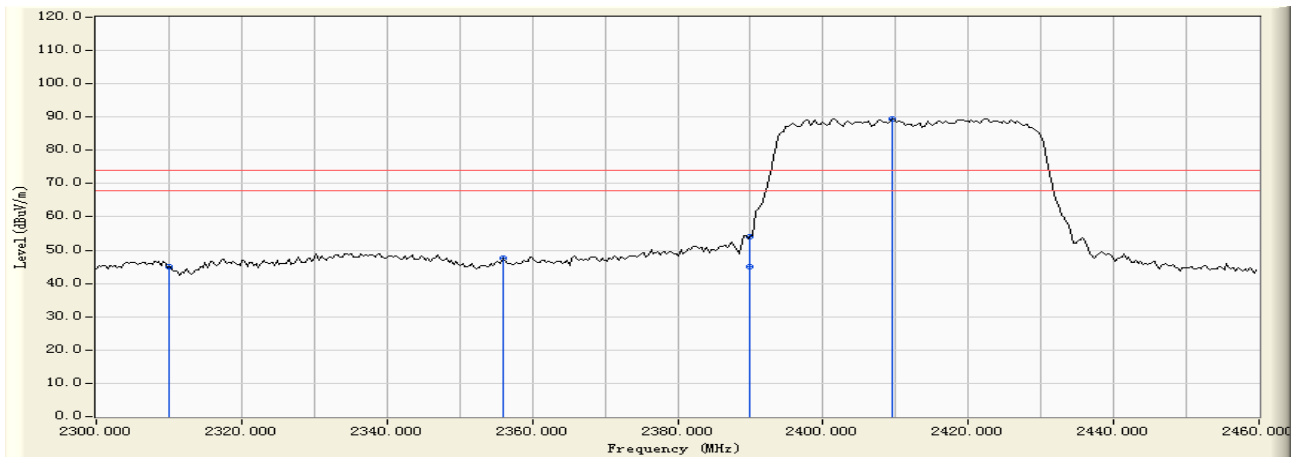


Band Edge (20dBc RF Conducted Measurement)
Mode 3: Transmit by 802.11n (20MHz) (An1) (2462MHz)





Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/24 - 22:05
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0) (2422MHz)



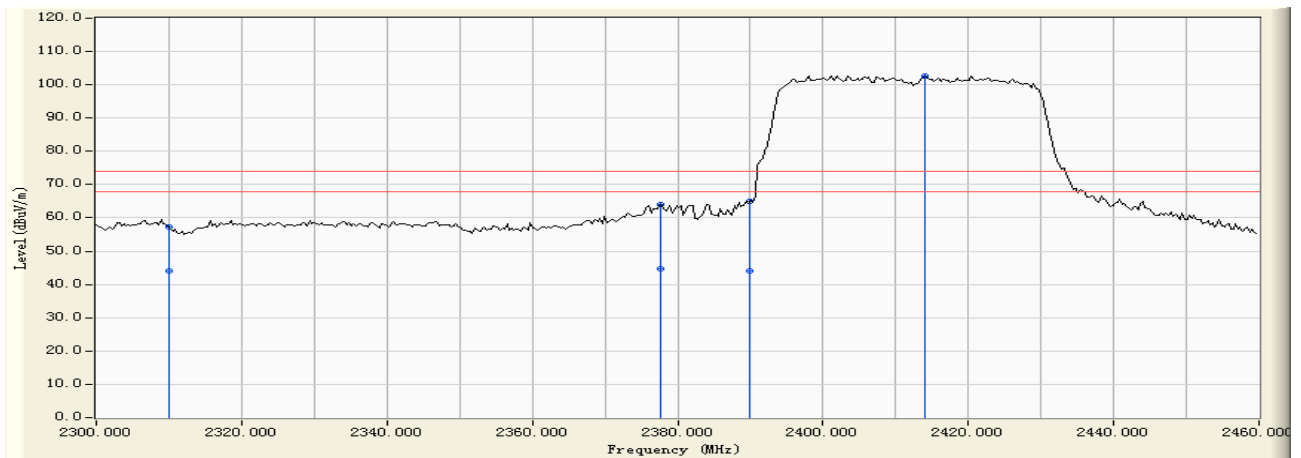
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	44.728	44.917	-29.083	74.000	PEAK
2		2355.888	0.289	47.269	47.558	-26.442	74.000	PEAK
3		2390.000	0.358	53.794	54.152	-19.848	74.000	PEAK
4		2390.000	0.358	44.570	44.928	-9.072	54.000	AVERAGE
5	*	2409.541	0.420	88.870	89.290	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. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/24 - 22:08
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0) (2422MHz)



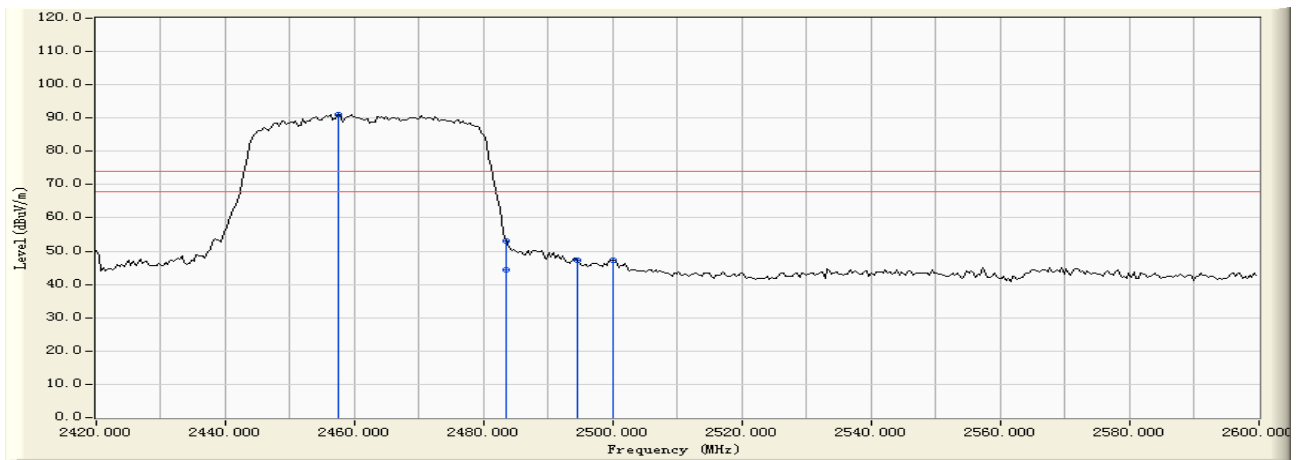
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	57.167	57.356	-16.644	74.000	PEAK
2		2310.000	0.188	43.890	44.079	-9.921	54.000	AVERAGE
3		2377.605	0.330	63.843	64.173	-9.827	74.000	PEAK
4		2377.605	0.330	44.530	44.860	-9.140	54.000	AVERAGE
5		2390.000	0.358	64.776	65.134	-8.866	74.000	PEAK
6		2390.000	0.358	43.840	44.198	-9.802	54.000	AVERAGE
7	*	2414.012	0.435	102.263	102.698	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. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/24 - 22:13
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0) (2452MHz)



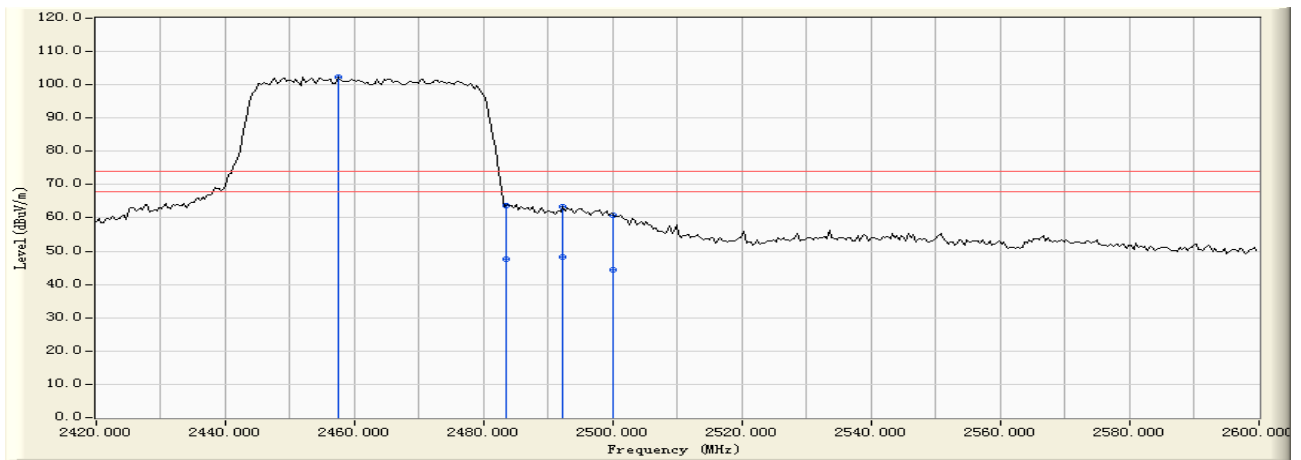
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2457.365	0.580	90.563	91.144	N/A	N/A	PEAK
2		2483.500	0.672	52.304	52.977	-21.023	74.000	PEAK
3		2483.500	0.672	43.850	44.523	-9.477	54.000	AVERAGE
4		2494.371	0.710	46.553	47.263	-26.737	74.000	PEAK
5		2500.000	0.737	46.518	47.254	-26.746	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 : 2010/08/24 - 22:15
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0) (2452MHz)



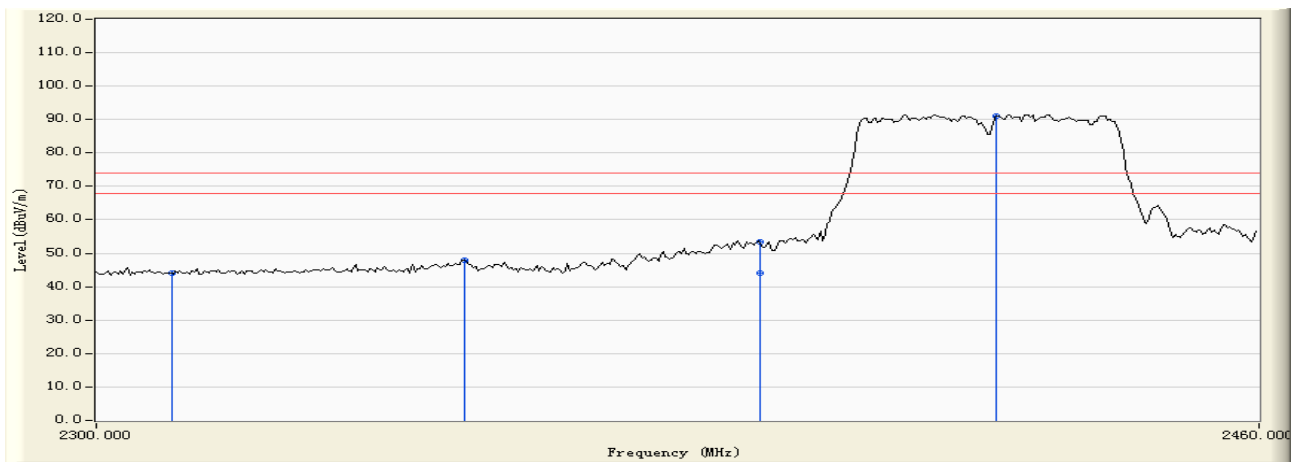
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2457.365	0.580	101.570	102.151	N/A	N/A	PEAK
2		2483.500	0.672	63.151	63.824	-10.176	74.000	PEAK
3		2483.500	0.672	46.870	47.543	-6.457	54.000	AVERAGE
4		2492.216	0.703	62.835	63.538	-10.462	74.000	PEAK
5		2492.216	0.703	47.640	48.343	-5.657	54.000	AVERAGE
6		2500.000	0.737	60.095	60.831	-13.169	74.000	PEAK
7		2500.000	0.737	43.650	44.386	-9.614	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 : 2010/08/24 - 23:06
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2422MHz)



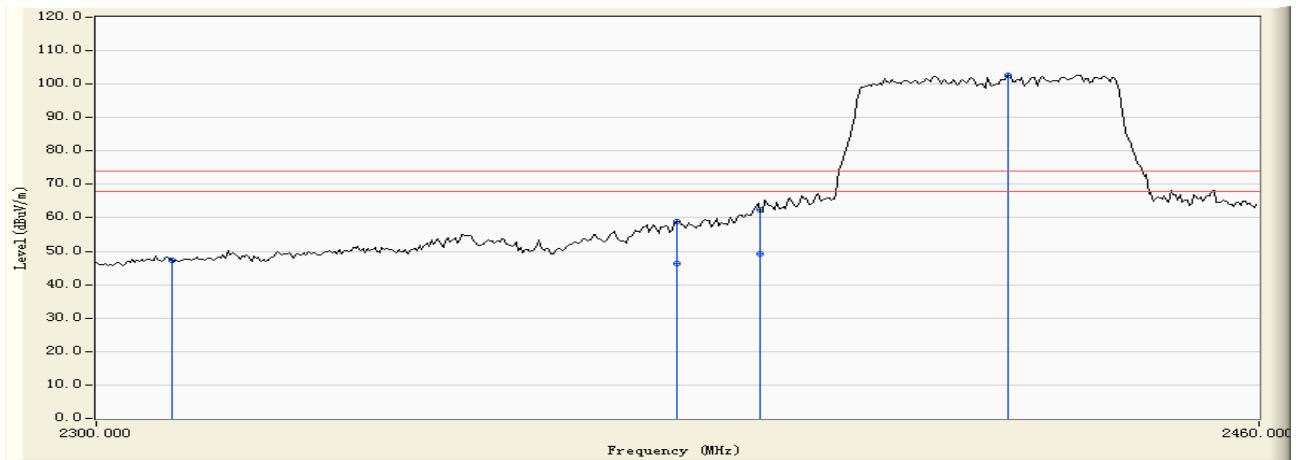
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	43.902	44.091	-29.909	74.000	PEAK
2		2349.501	0.278	47.679	47.956	-26.044	74.000	PEAK
3		2390.000	0.358	52.956	53.314	-20.686	74.000	PEAK
4		2390.000	0.358	43.580	43.938	-10.062	54.000	AVERAGE
5	*	2422.954	0.466	90.630	91.096	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. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/24 - 23:07
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2422MHz)



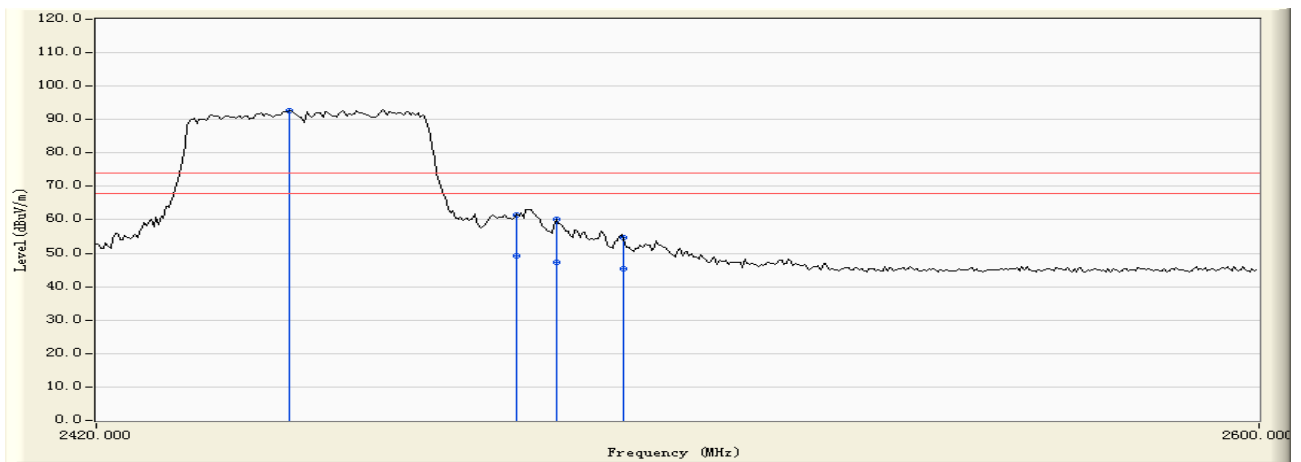
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	47.175	47.364	-26.636	74.000	PEAK
2		2378.563	0.332	58.622	58.954	-15.046	74.000	PEAK
3		2378.563	0.332	45.870	46.202	-7.798	54.000	AVERAGE
4		2390.000	0.358	61.940	62.298	-11.702	74.000	PEAK
5		2390.000	0.358	48.950	49.308	-4.692	54.000	AVERAGE
6	*	2424.551	0.471	102.170	102.641	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. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/08/24 - 23:10
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2452MHz)



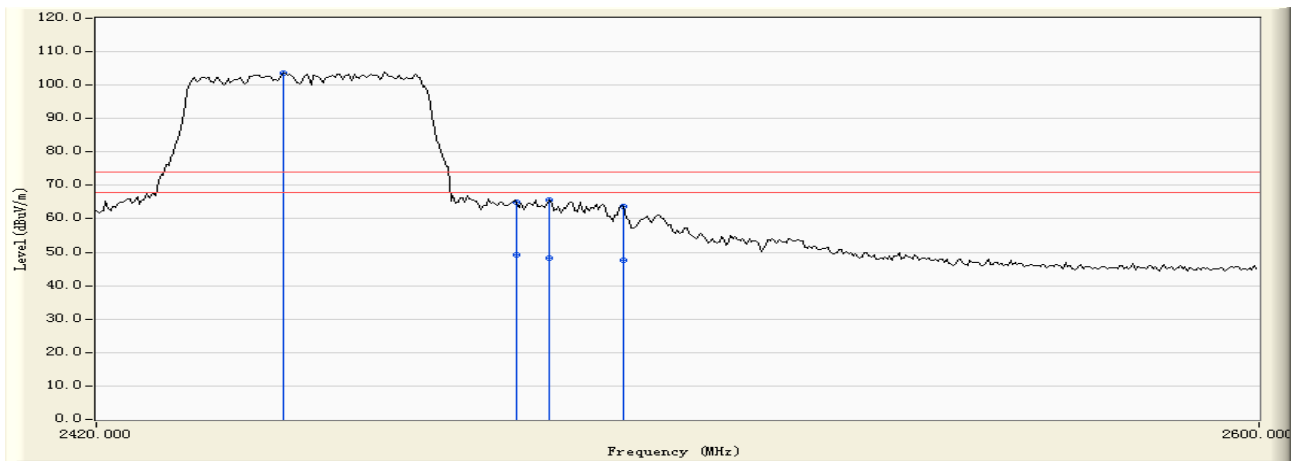
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2449.102	0.548	91.960	92.508	N/A	N/A	PEAK
2		2483.500	0.672	60.878	61.551	-12.449	74.000	PEAK
3		2483.500	0.672	48.510	49.183	-4.817	54.000	AVERAGE
4		2489.701	0.695	59.426	60.120	-13.880	74.000	PEAK
5		2489.701	0.695	46.570	47.264	-6.736	54.000	AVERAGE
6		2500.000	0.737	53.976	54.712	-19.288	74.000	PEAK
7		2500.000	0.737	44.630	45.366	-8.634	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 : 2010/08/24 - 23:08
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2452MHz)



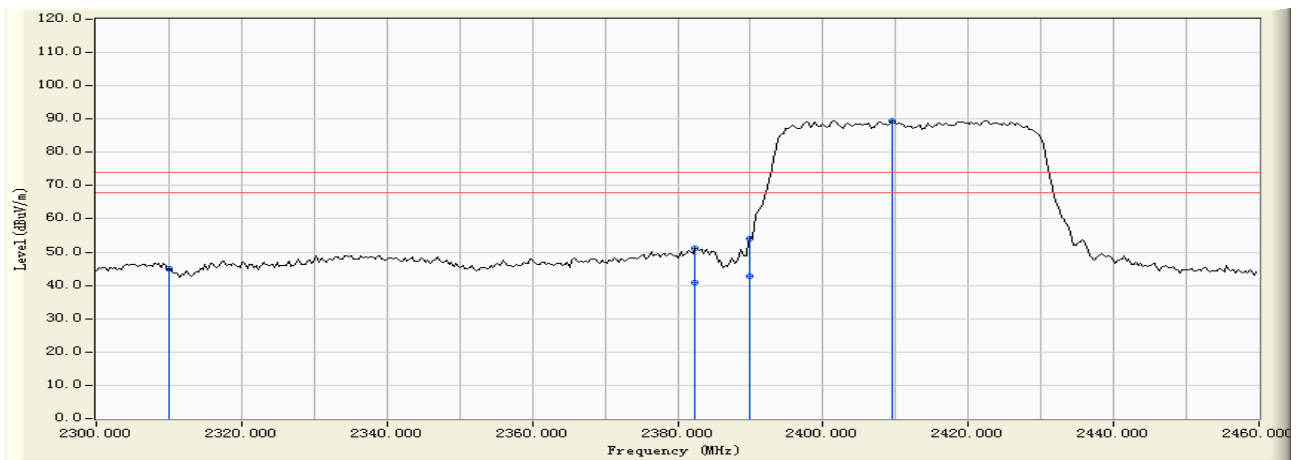
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2448.024	0.544	103.053	103.597	N/A	N/A	PEAK
2		2483.500	0.672	64.284	64.957	-9.043	74.000	PEAK
3		2483.500	0.672	48.680	49.353	-4.647	54.000	AVERAGE
4		2488.623	0.690	64.892	65.583	-8.417	74.000	PEAK
5		2488.623	0.690	47.620	48.311	-5.689	54.000	AVERAGE
6		2500.000	0.737	62.995	63.731	-10.269	74.000	PEAK
7		2500.000	0.737	46.790	47.526	-6.474	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 : 2010/07/30 - 17:05
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



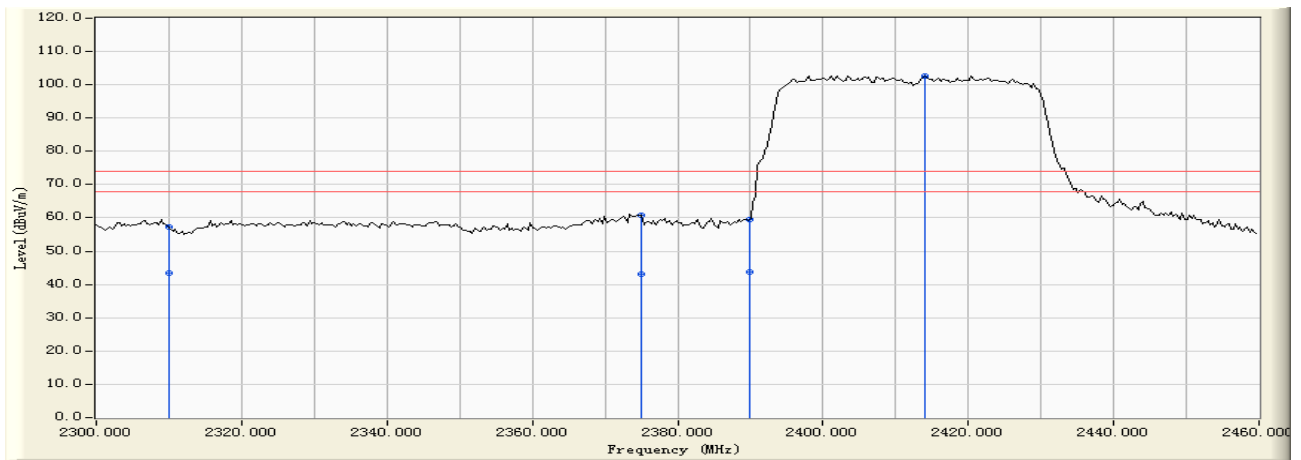
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	44.728	44.917	-29.083	74.000	PEAK
2		2382.395	0.341	50.700	51.041	-22.959	74.000	PEAK
3		2382.395	0.341	40.570	40.911	-13.089	54.000	AVERAGE
4		2390.000	0.358	53.794	54.152	-19.848	74.000	PEAK
5		2390.000	0.358	42.570	42.928	-11.072	54.000	AVERAGE
6	*	2409.541	0.420	88.870	89.290	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. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/07/30 - 17:08
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)



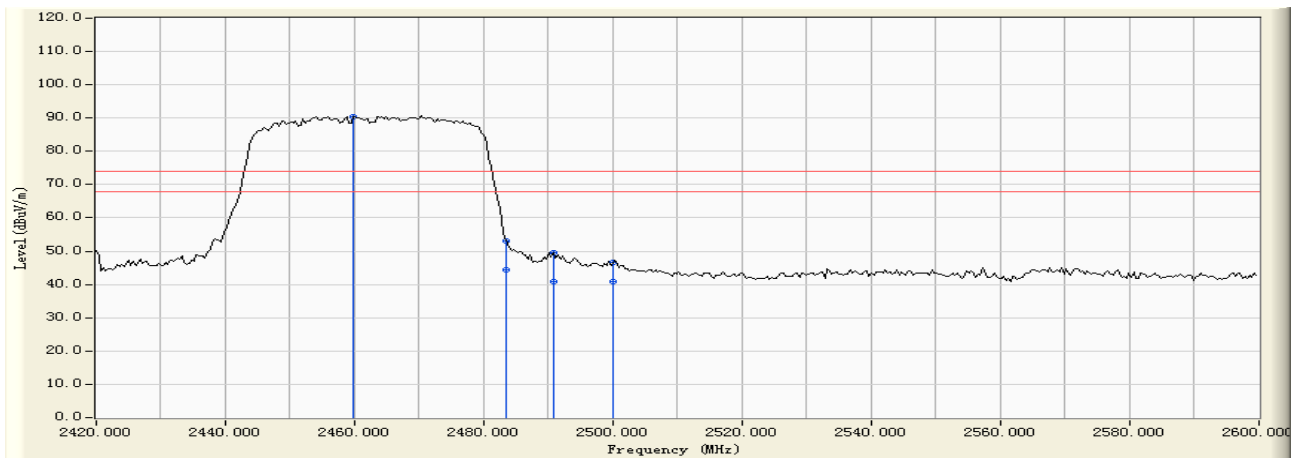
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	0.188	57.167	57.356	-16.644	74.000	PEAK
2	2310.000	0.188	43.170	43.359	-10.641	54.000	AVERAGE
3	2375.050	0.324	60.497	60.821	-13.179	74.000	PEAK
4	2375.050	0.324	42.860	43.184	-10.816	54.000	AVERAGE
5	2390.000	0.358	59.270	59.628	-14.372	74.000	PEAK
6	2390.000	0.358	43.510	43.868	-10.132	54.000	AVERAGE
7	* 2414.012	0.435	102.263	102.698	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. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Engineer : Fred	
Site : EMC Lab AC 102	Time : 2010/07/30 - 17:13
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



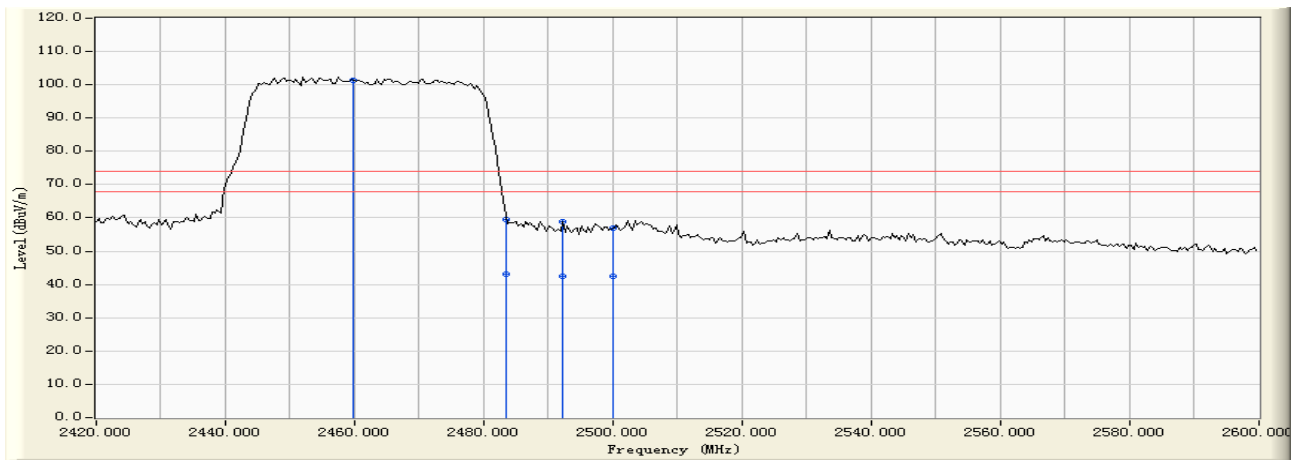
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2459.880	0.590	89.910	90.501	N/A	N/A	PEAK
2		2483.500	0.672	52.304	52.977	-21.023	74.000	PEAK
3		2483.500	0.672	43.570	44.243	-9.757	54.000	AVERAGE
4		2490.779	0.697	48.945	49.643	-24.357	74.000	PEAK
5		2490.779	0.697	40.150	40.848	-13.152	54.000	AVERAGE
6		2500.000	0.737	45.984	46.720	-27.280	74.000	PEAK
7		2500.000	0.737	40.180	40.916	-13.084	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 : 2010/07/30 - 17:15
Limit : FCC_15_03M_PK	Margin : 6
EUT : 802.11n Dual ADSL 2+ 4-port Gateway	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 4: Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)



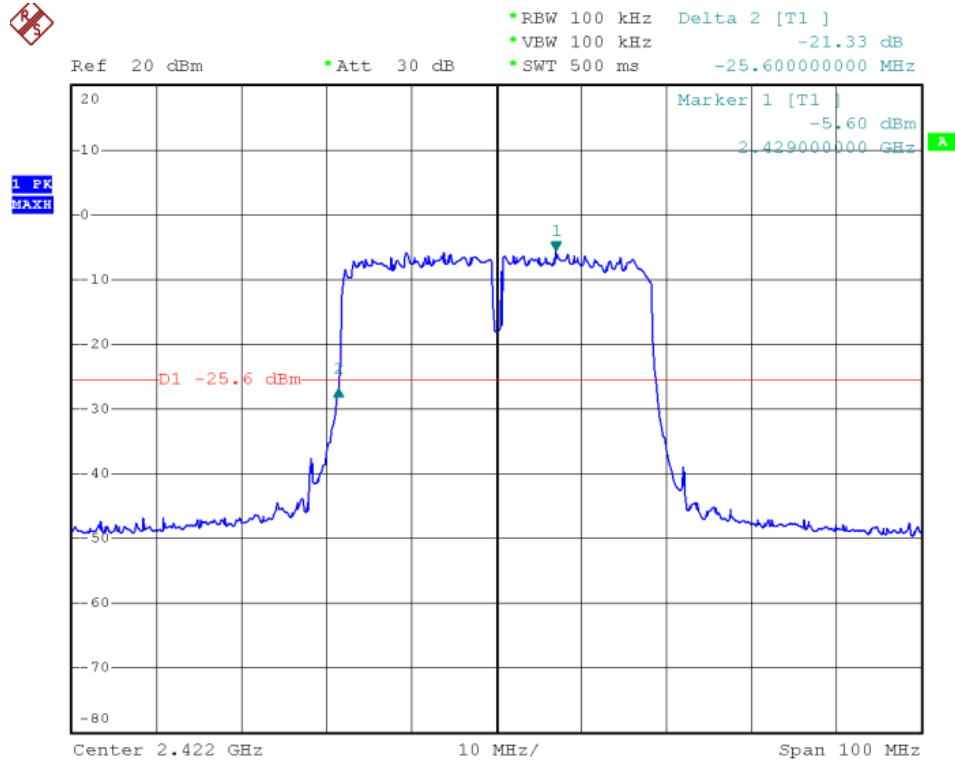
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2459.880	0.590	100.736	101.327	N/A	N/A	PEAK
2		2483.500	0.672	58.997	59.670	-14.330	74.000	PEAK
3		2483.500	0.672	42.590	43.263	-10.737	54.000	AVERAGE
4		2492.216	0.703	58.235	58.938	-15.062	74.000	PEAK
5		2492.216	0.703	41.680	42.383	-11.617	54.000	AVERAGE
6		2500.000	0.737	56.162	56.898	-17.102	74.000	PEAK
7		2500.000	0.737	41.580	42.316	-11.684	54.000	AVERAGE

Note:

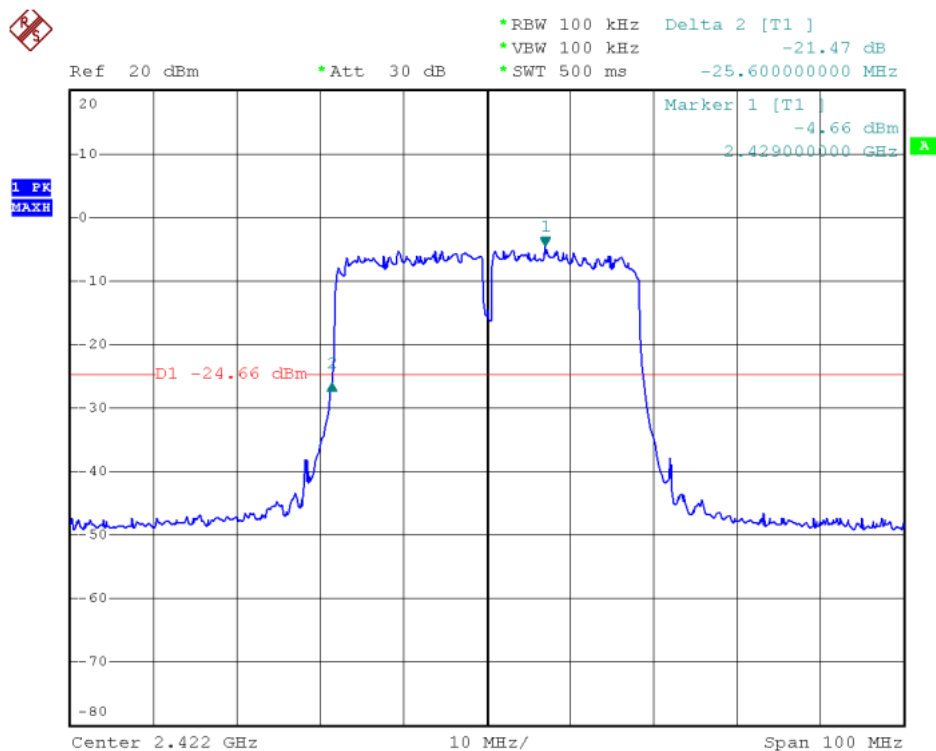
1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Band Edge (20dBc RF Conducted Measurement) Mode 4: Transmit by 802.11n (40MHz) (An0) (2422MHz)

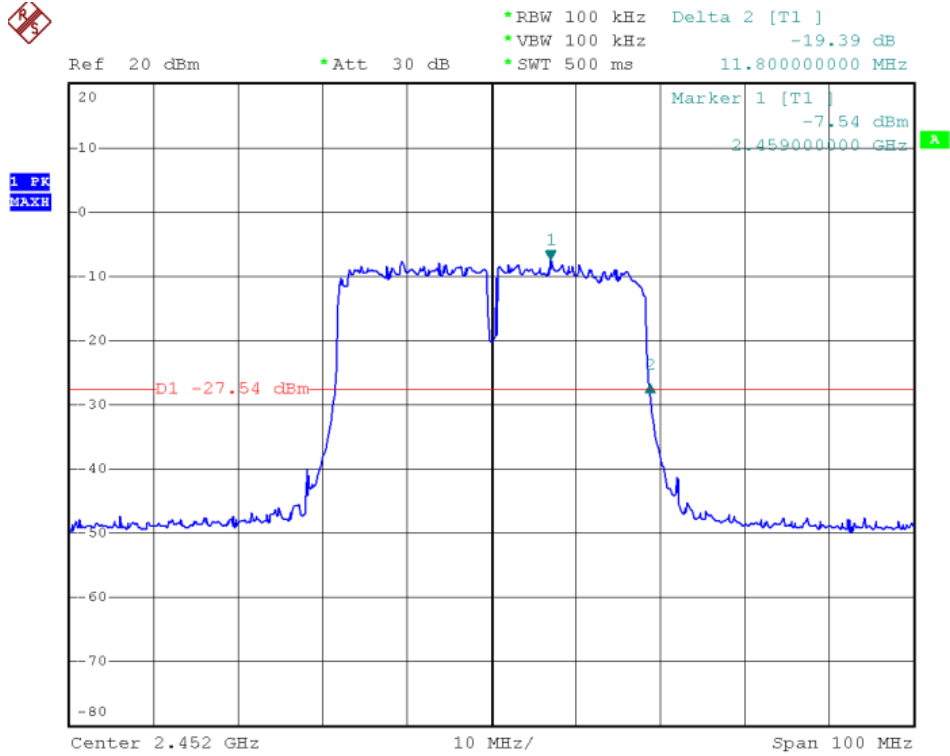


Band Edge (20dBc RF Conducted Measurement) Mode 4: Transmit by 802.11n (40MHz) (An1) (2422MHz)

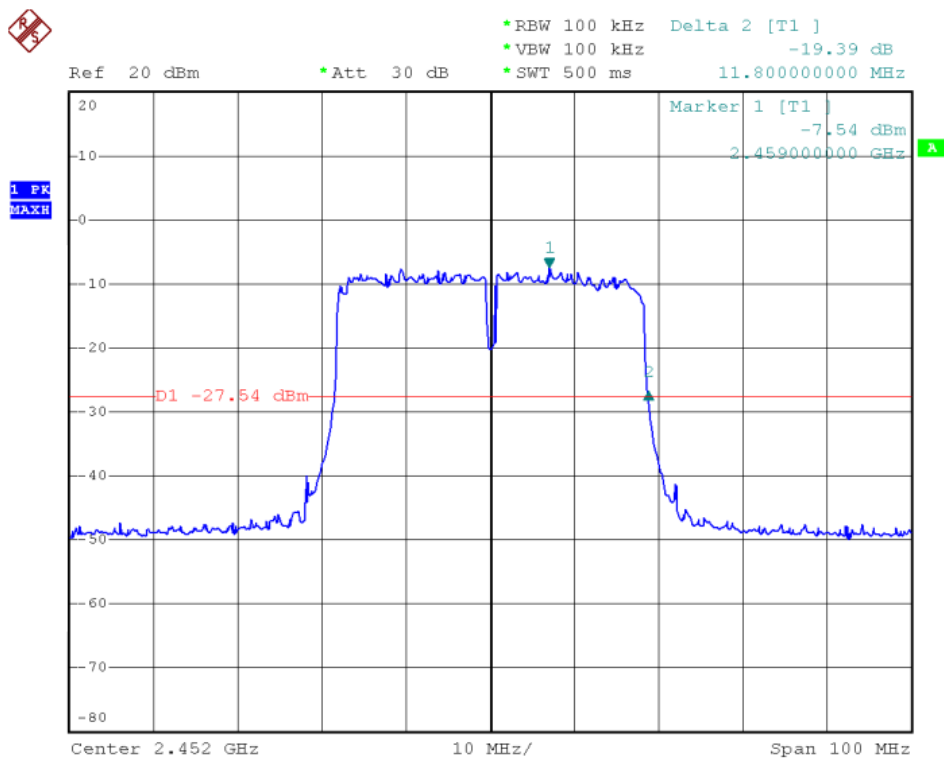




Band Edge (20dBc RF Conducted Measurement) Mode 4: Transmit by 802.11 n (40MHz) (An0) (2452MHz)



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

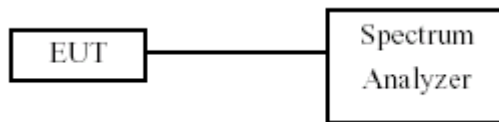
In any 100kHz bandwidth outside the frequency band in which the spread spectrum intentional Radiator is operating, the radio frequency power that is produced by the intentional radiator shall Be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired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

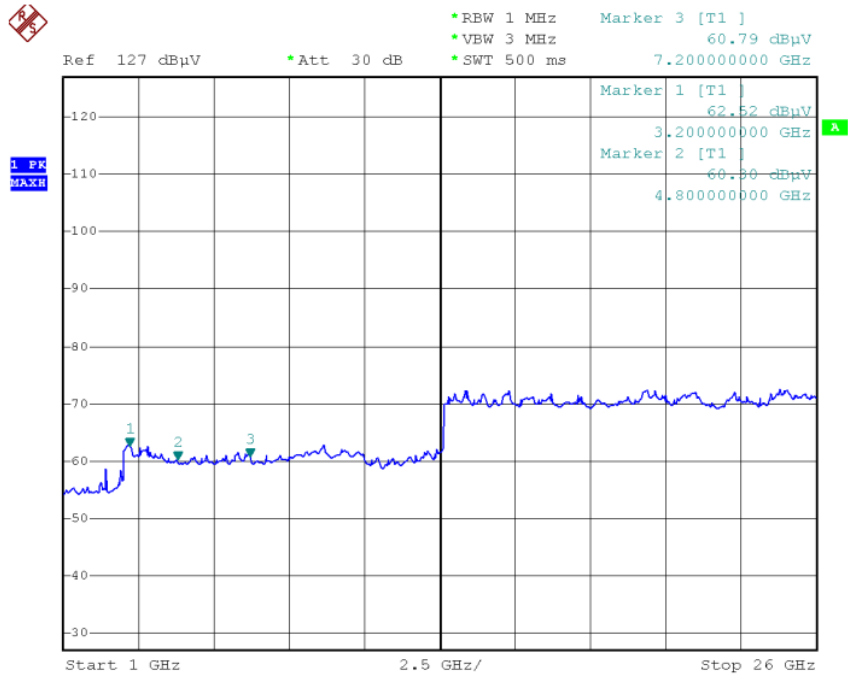
Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2009.11.02
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2009.10.19



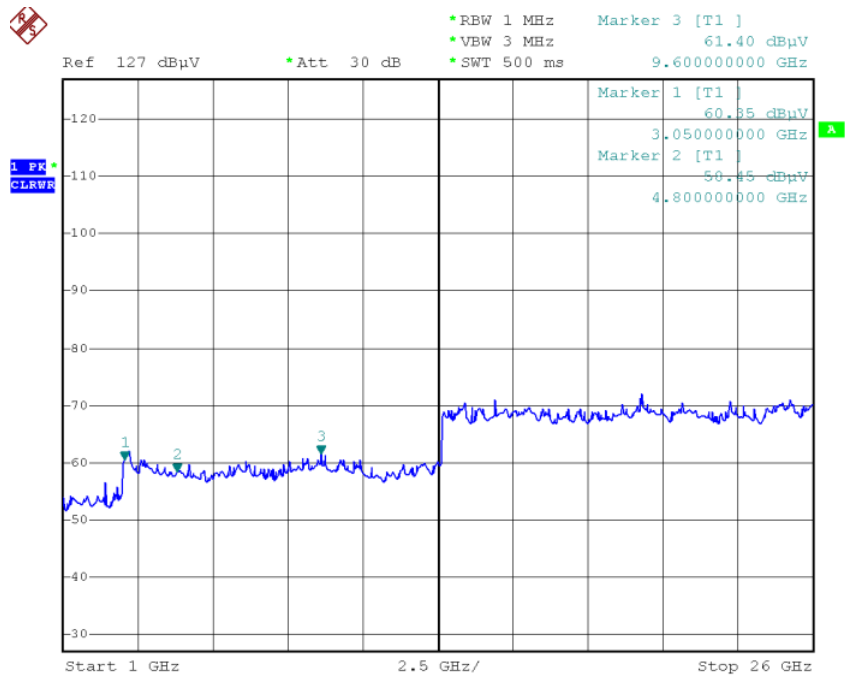
8.5. Test Result and Data

Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 1: Transmit by 802.11b(An0)
Test Date	2010-08-25

Channel 01 (2412MHz)

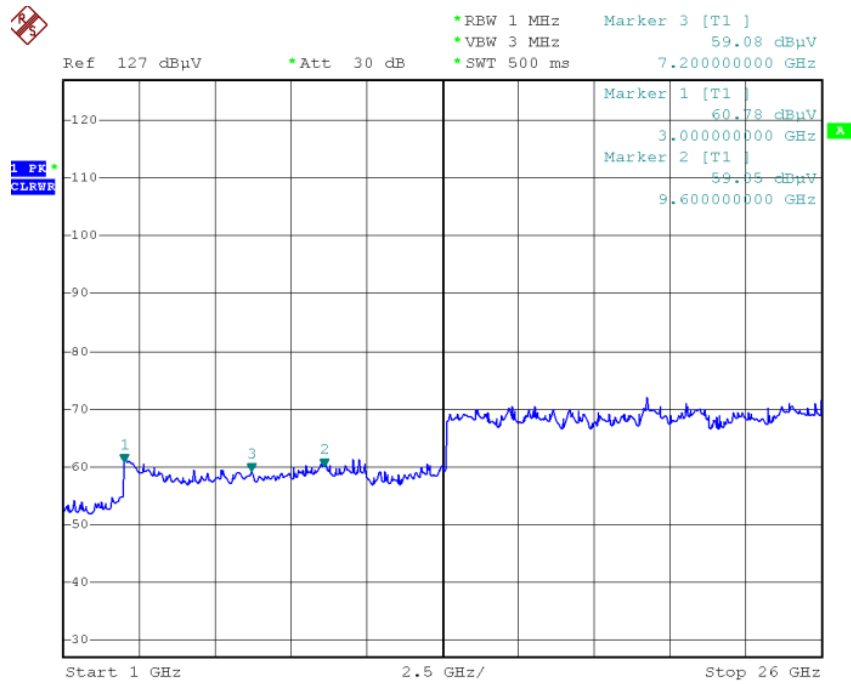


Channel 06 (2437MHz)





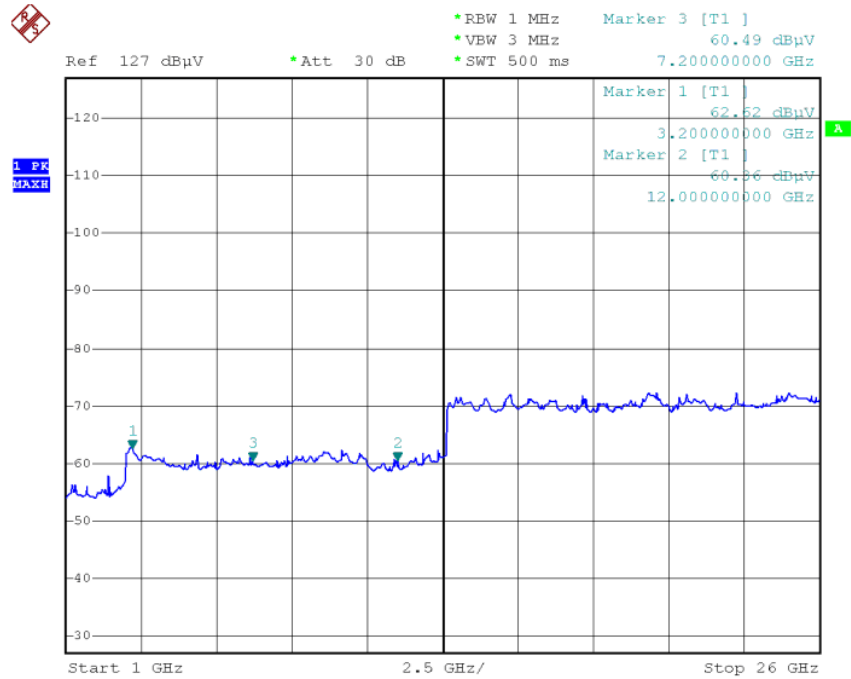
Channel 11 (2462MHz)



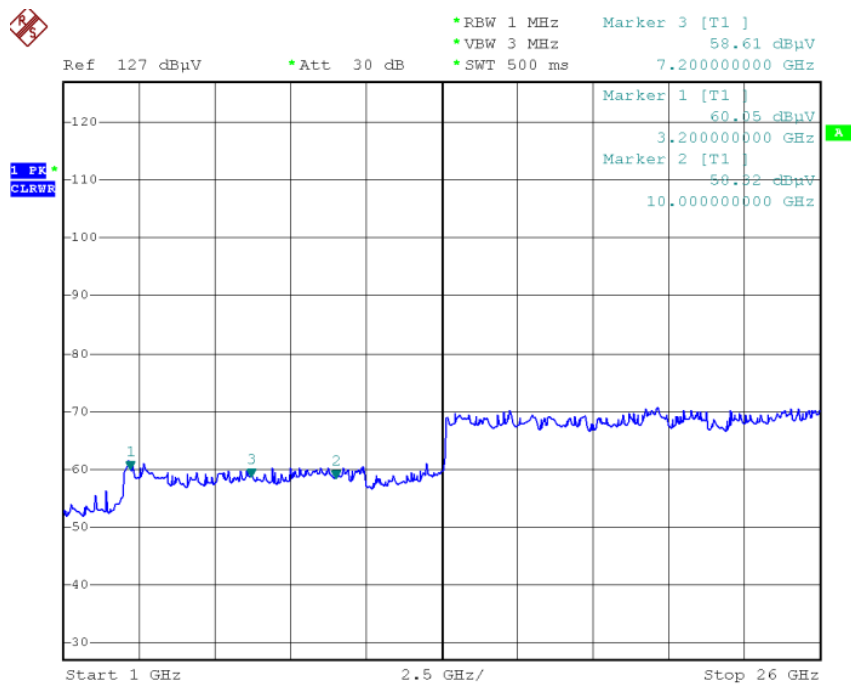


Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 2: Transmit by 802.11g (An0)
Test Date	2010-08-25

Channel 01 (2412MHz)

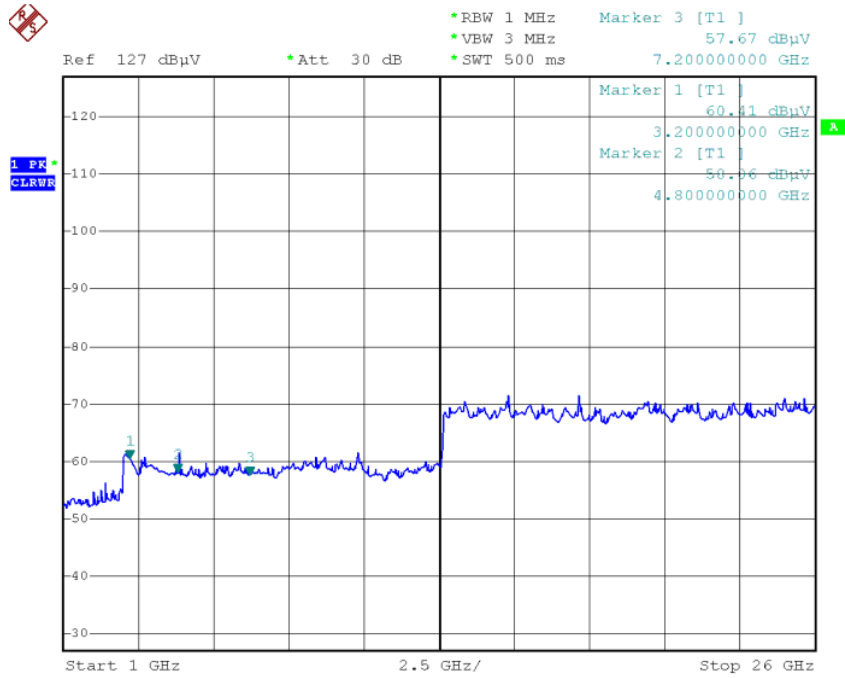


Channel 06 (2437MHz)





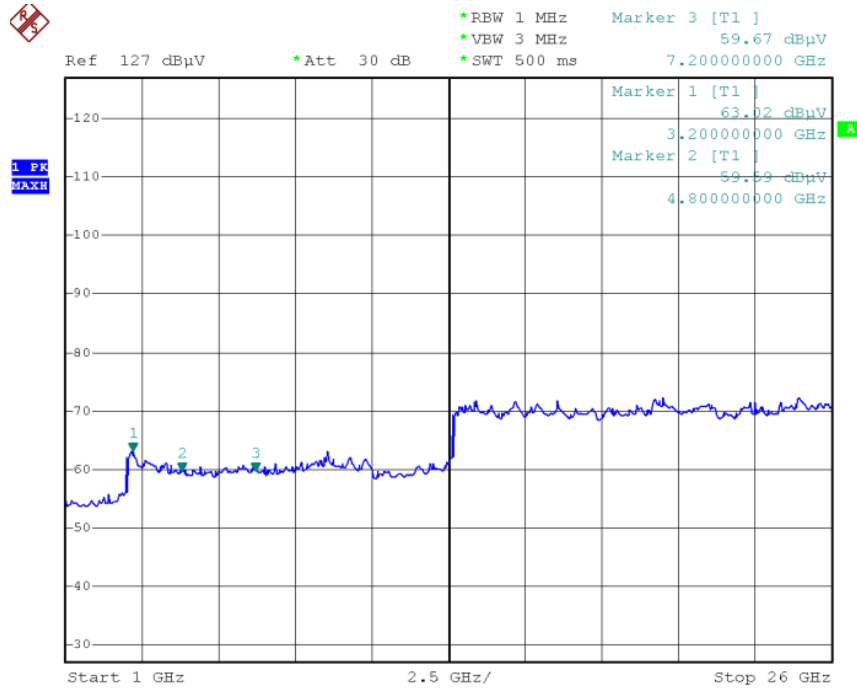
Channel 11 (2462MHz)



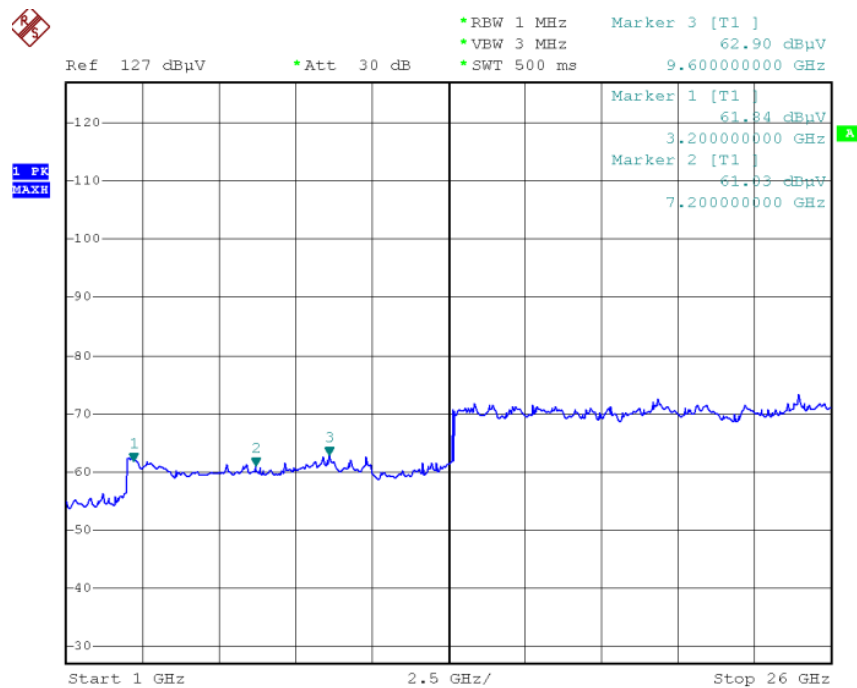


Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 3: Transmit by 802.11n (20MHz) (An0)
Test Date	2010-08-25

Channel 01 (2412MHz)

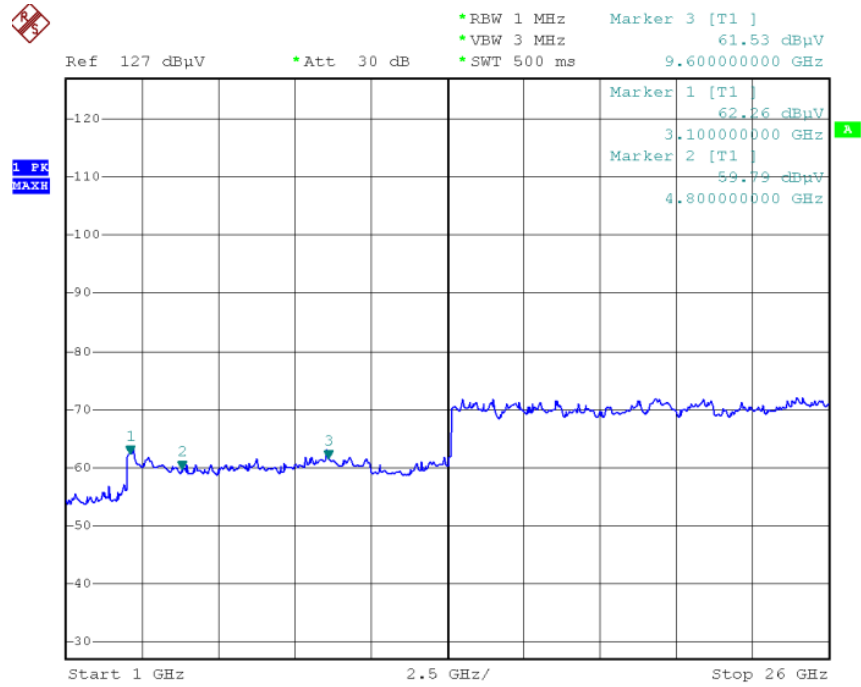


Channel 06 (2437MHz)





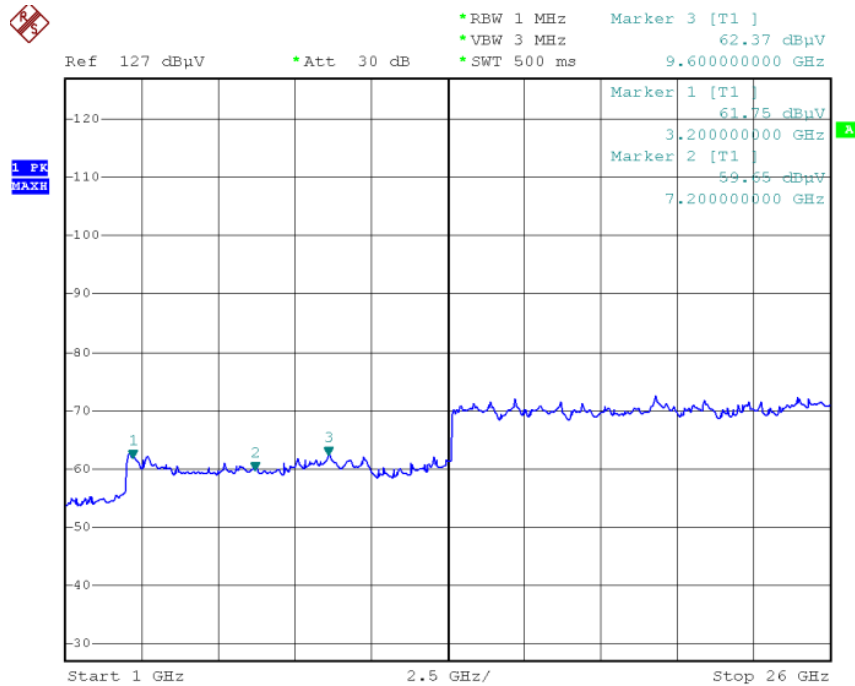
Channel 11 (2462MHz)



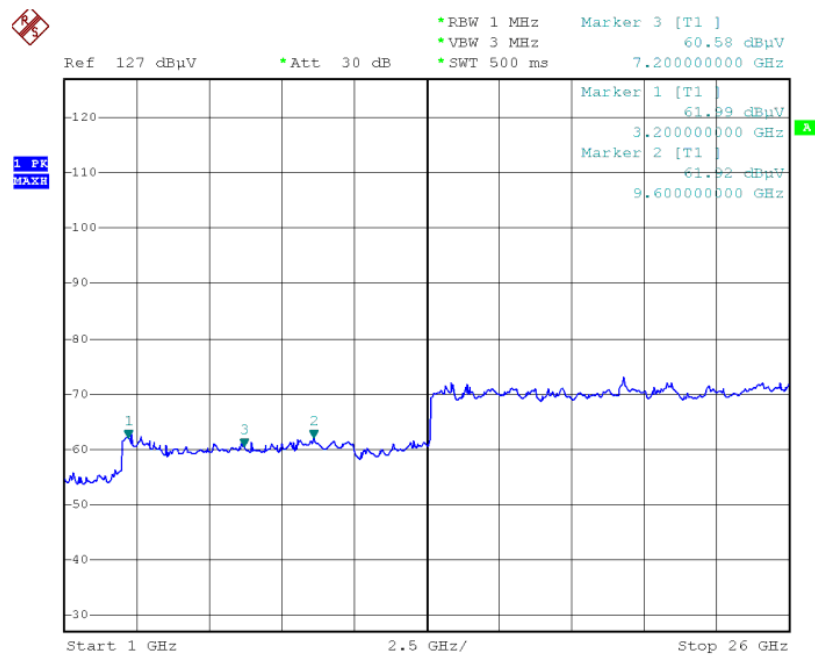


Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 3: Transmit by 802.11n (20MHz) (An1)
Test Date	2010-08-25

Channel 01 (2412MHz)

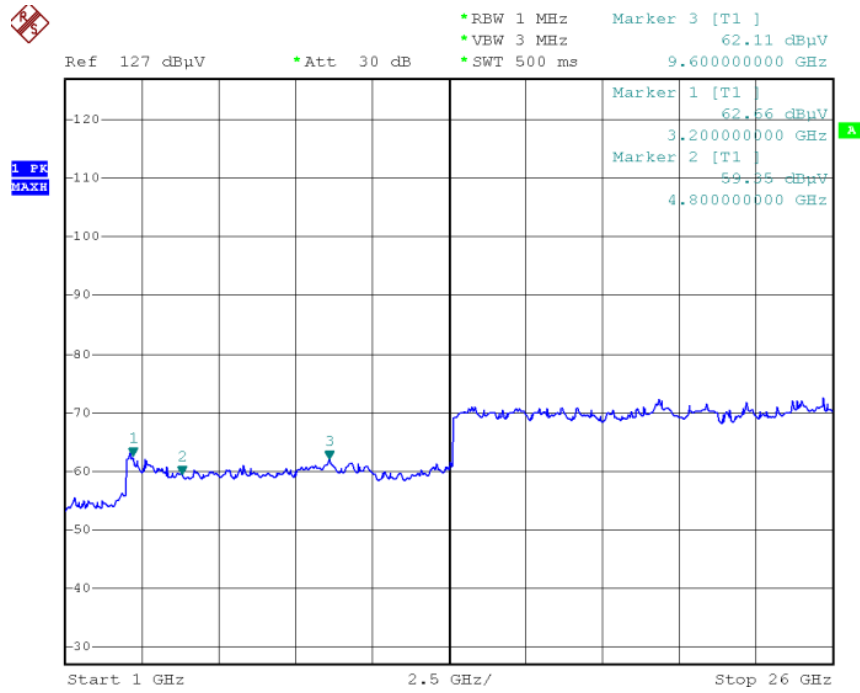


Channel 06 (2437MHz)





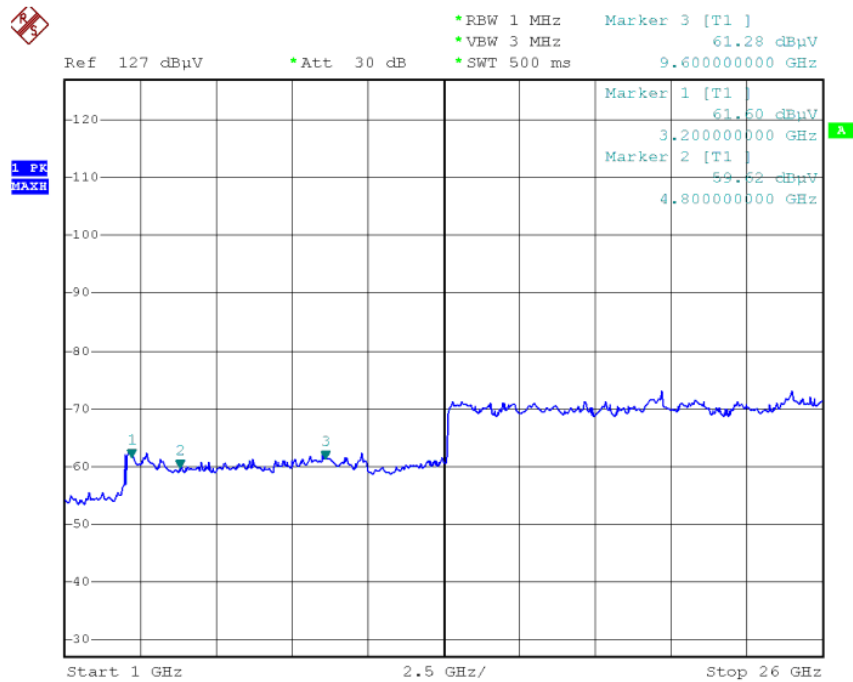
Channel 11 (2462MHz)



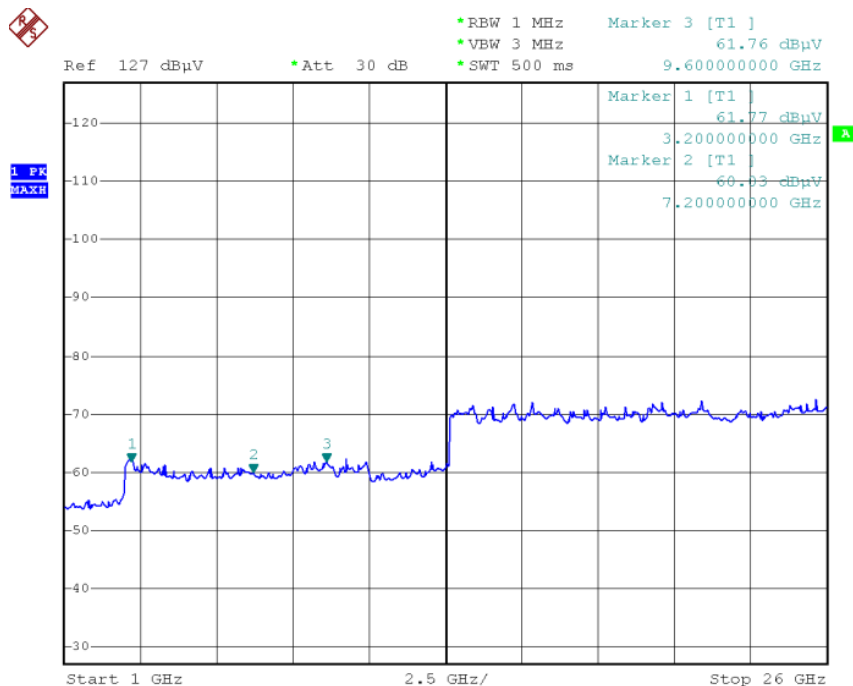


Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 4: Transmit by 802.11n (40MHz) (An0)
Test Date	2010-08-25

Channel 03 (2422MHz)

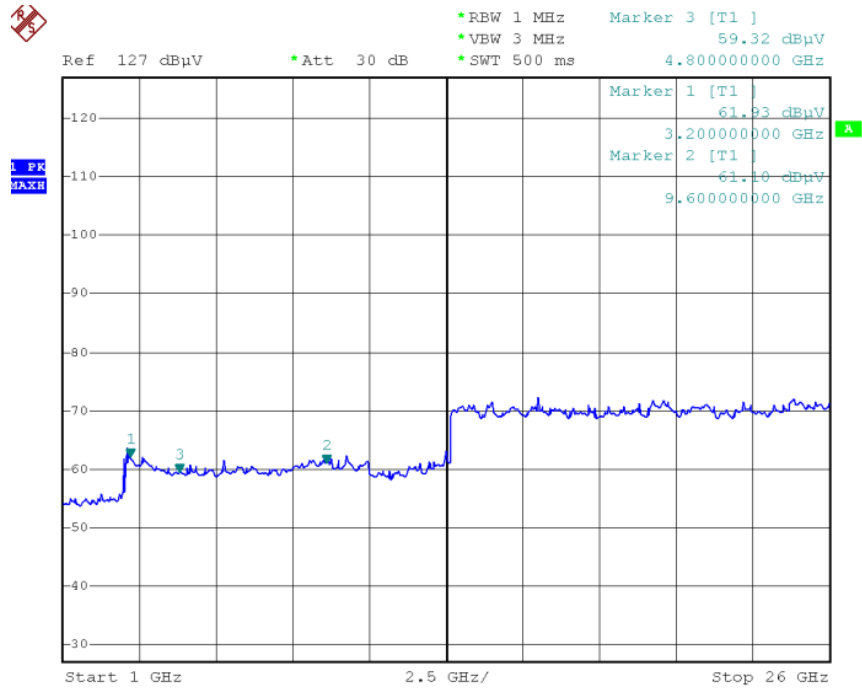


Channel 06 (2437MHz)





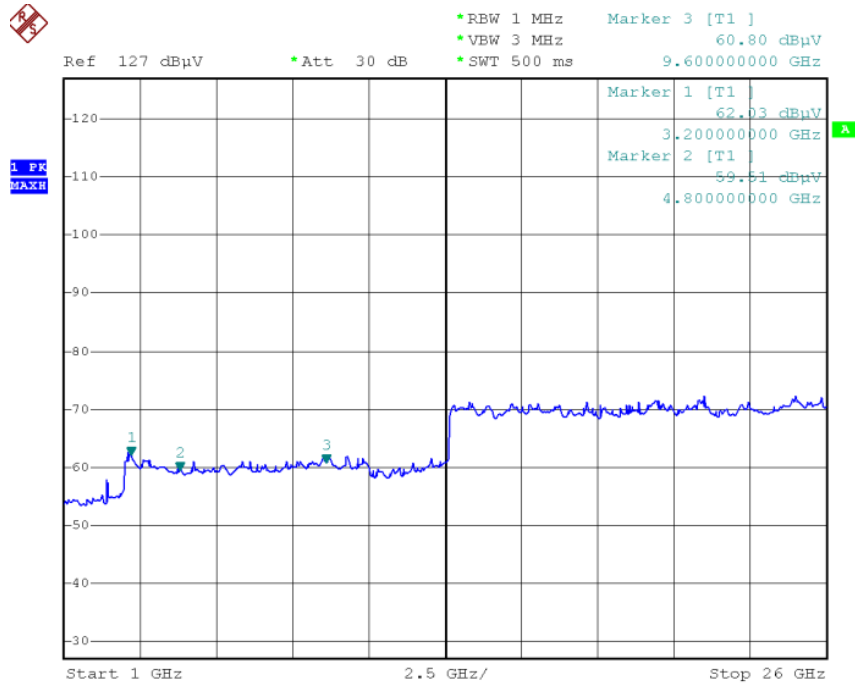
Channel 09 (2452MHz)



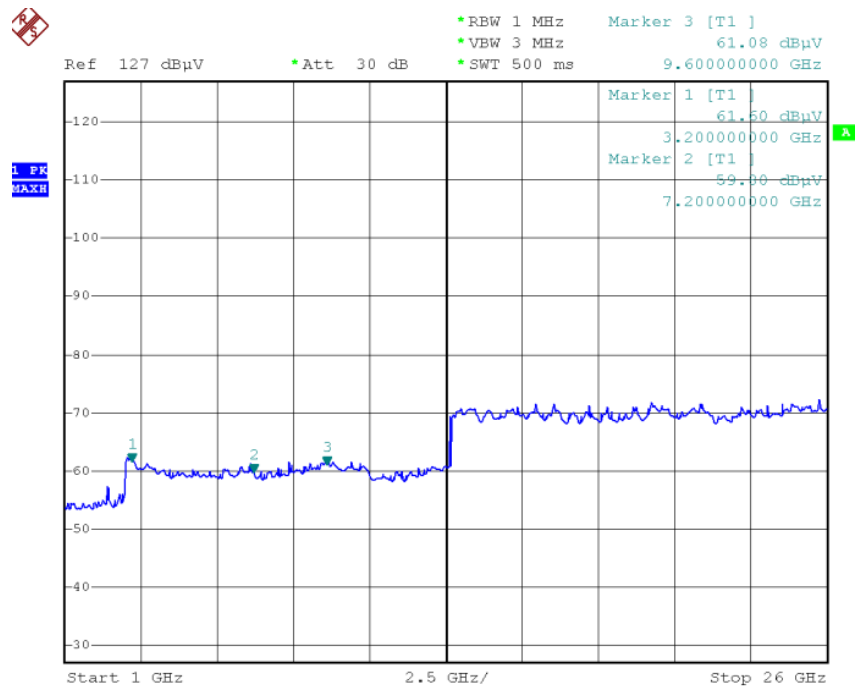


Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 4: Transmit by 802.11n (40MHz) (An1)
Test Date	2010-08-25

Channel 03 (2422MHz)

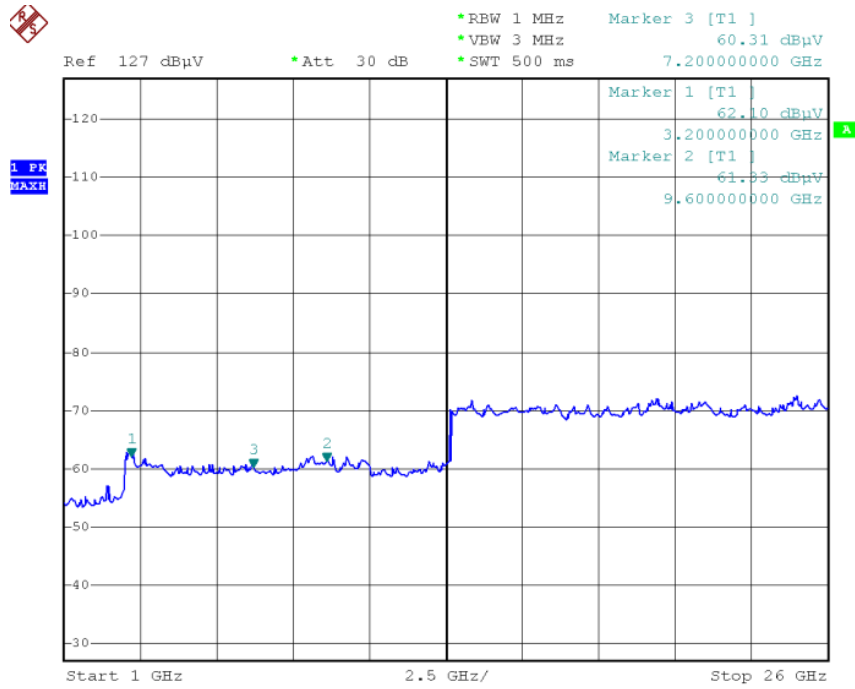


Channel 06 (2437MHz)





Channel 09 (2452MHz)





9. Power Spectral Density

9.1. Test Limit

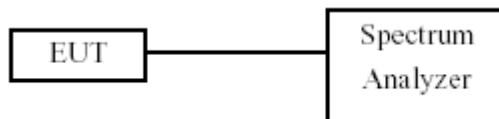
For digitally modulated systems, the power spectral density conducted from the intentional radiated to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmission.

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	2009.11.02
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2009.10.19

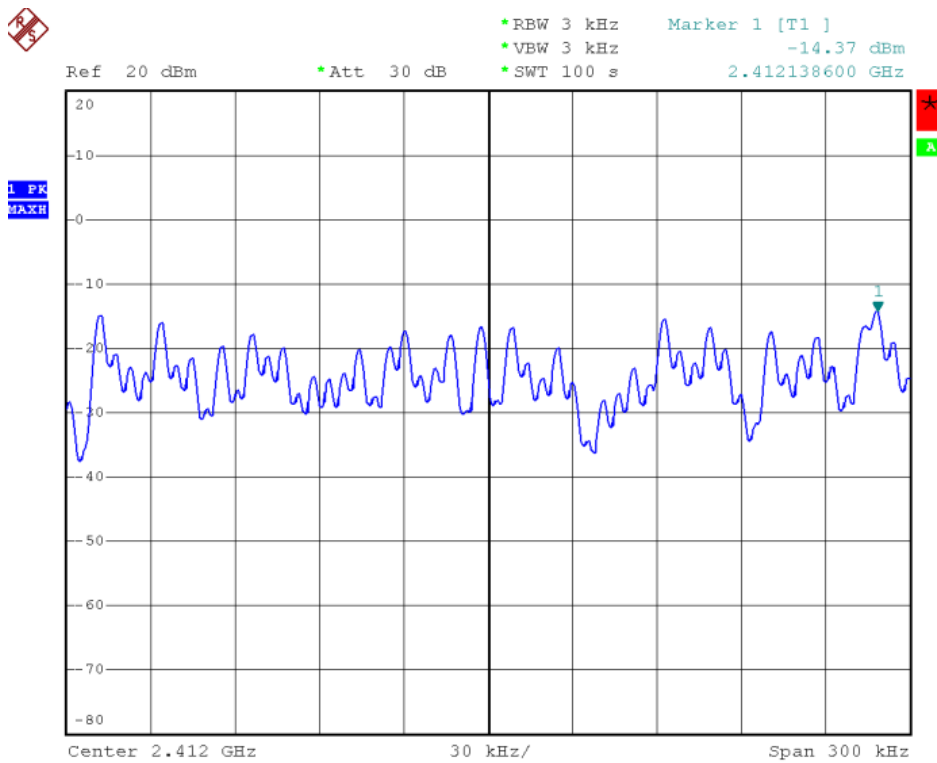


9.5. Test Result and Data

Test Item	Power Spectral Density
Test Mode	Mode 1: Transmit by 802.11b (An0)
Test Date	2010-08-27

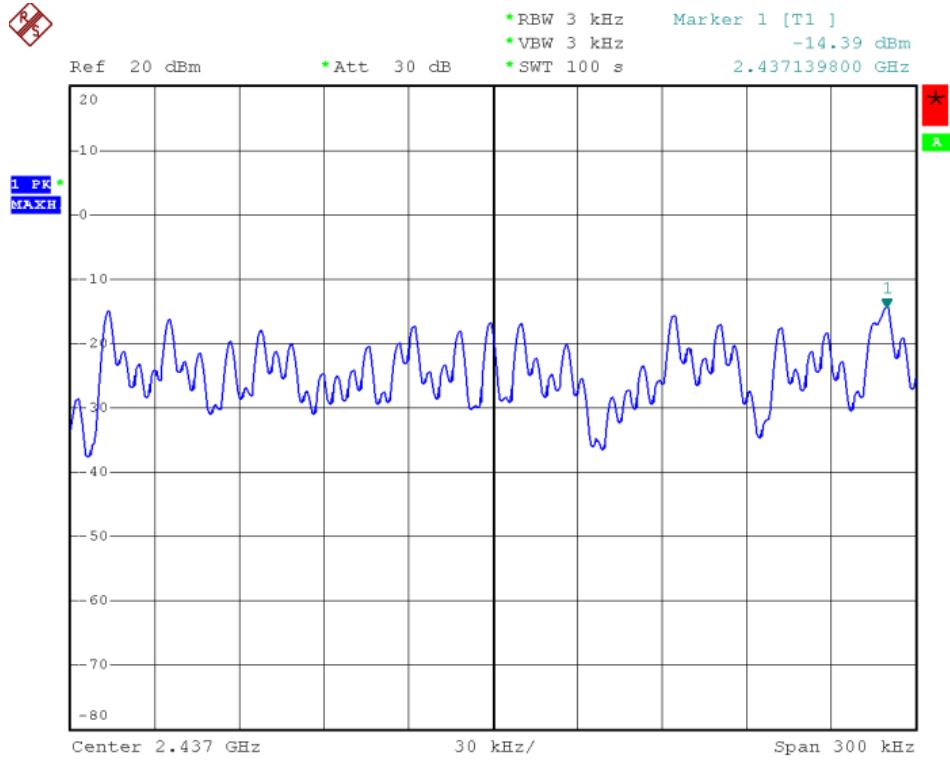
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-14.37	8	Pass
06	2437	-14.39	8	Pass
11	2462	-14.72	8	Pass

Channel 01 (2412MHz)

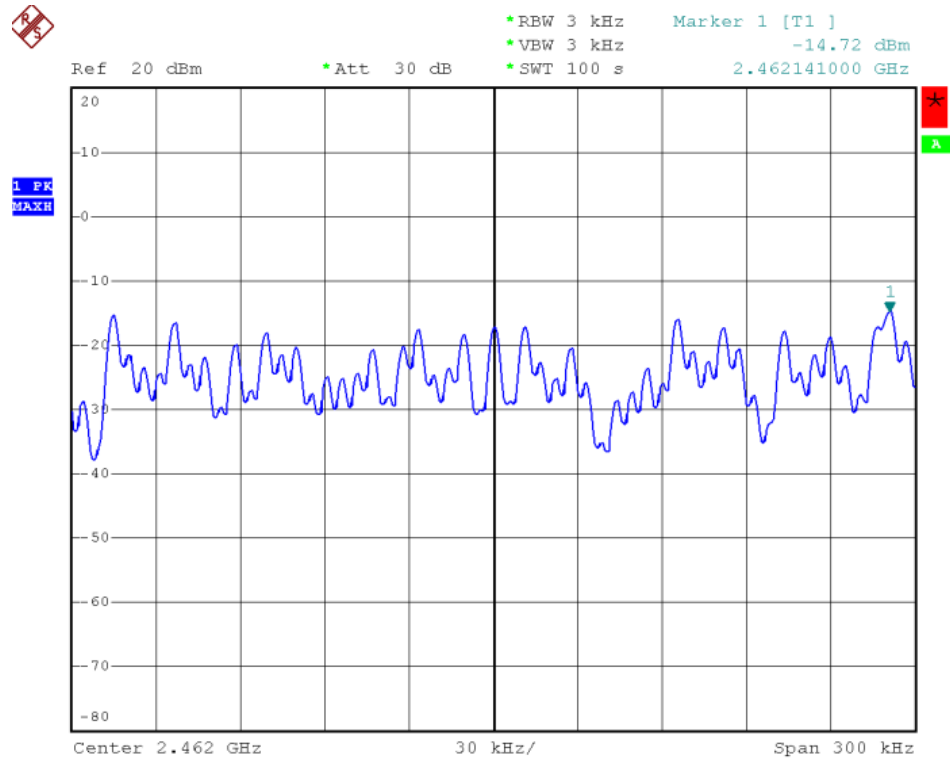




Channel 06 (2437MHz)



Channel 11 (2462MHz)

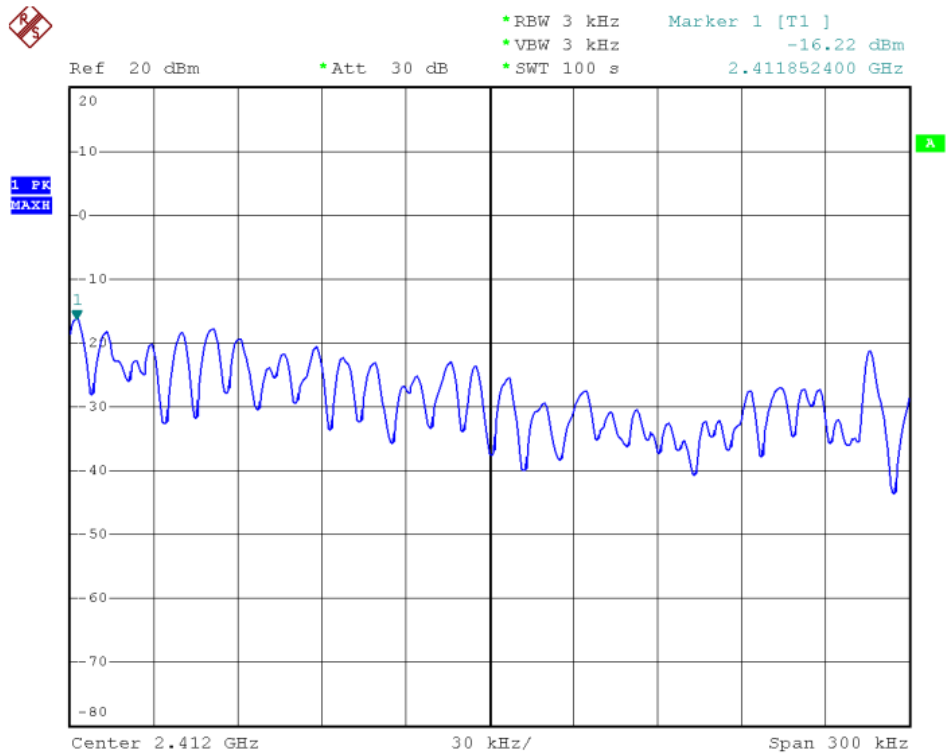




Test Item	Power Spectral Density
Test Mode	Mode 2: Transmit by 802.11g (An0)
Test Date	2010-08-27

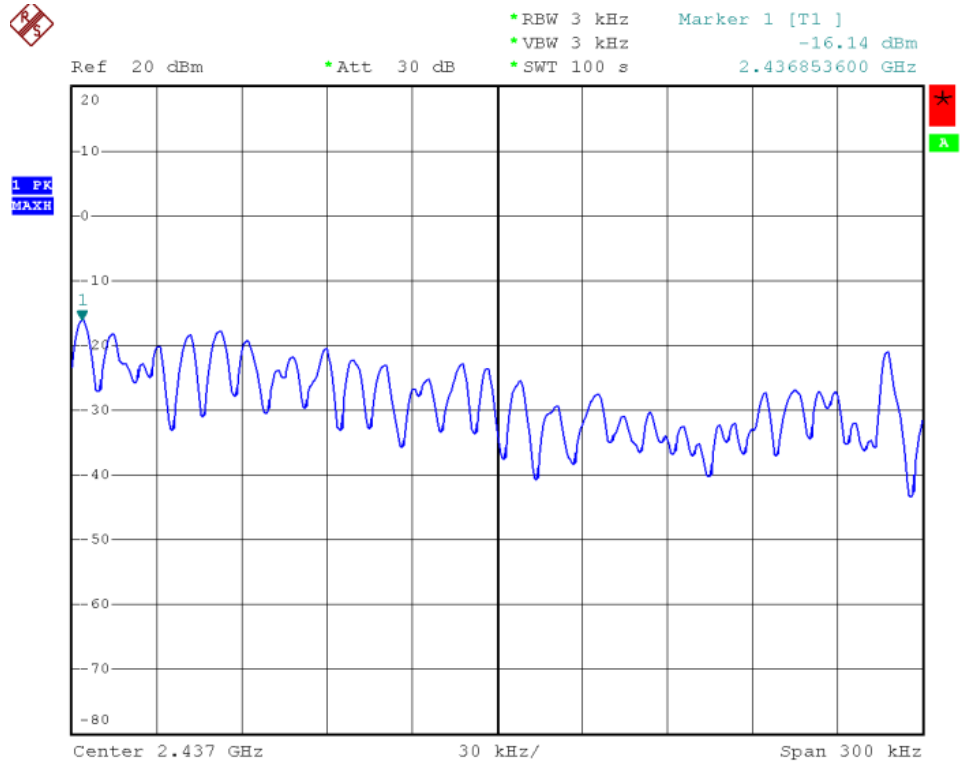
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-16.22	8	Pass
06	2437	-16.14	8	Pass
11	2462	-16.24	8	Pass

Channel 01 (2412MHz)

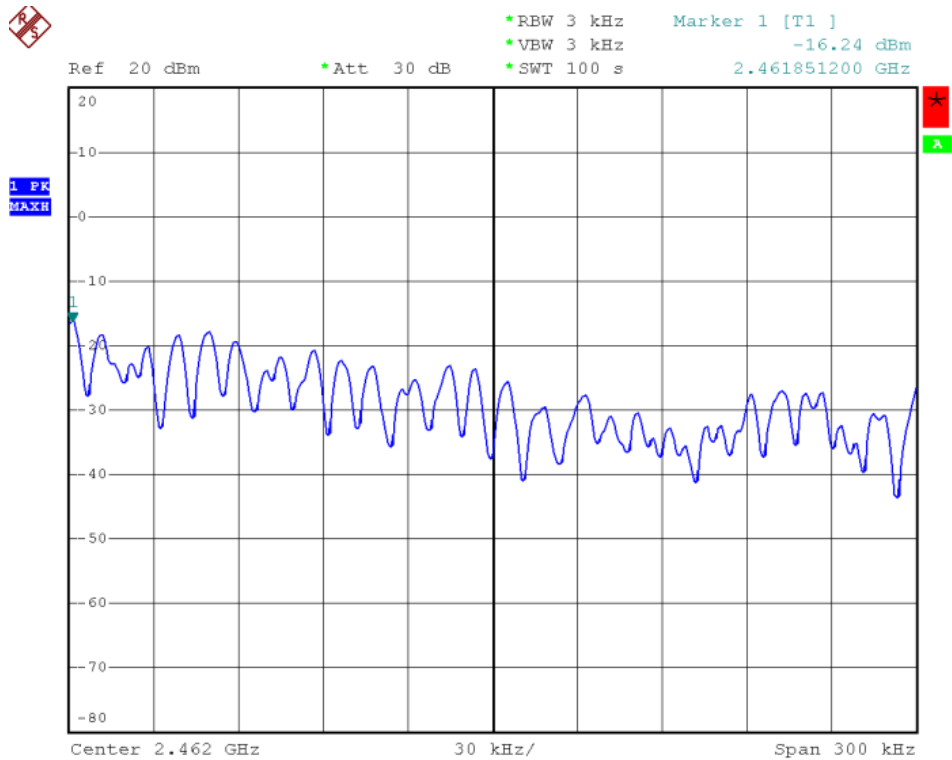




Channel 06 (2437MHz)



Channel 11 (2462MHz)

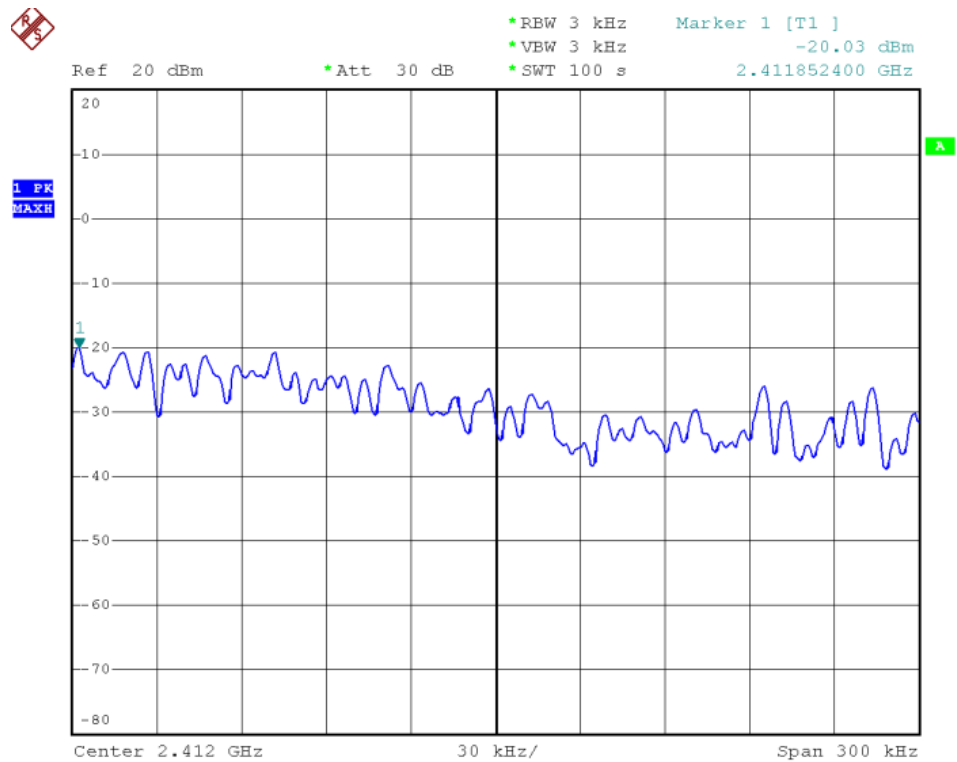




Test Item	Power Spectral Density
Test Mode	Mode 3: Transmit by 802.11n (20MHz) (An0)
Test Date	2010-08-27

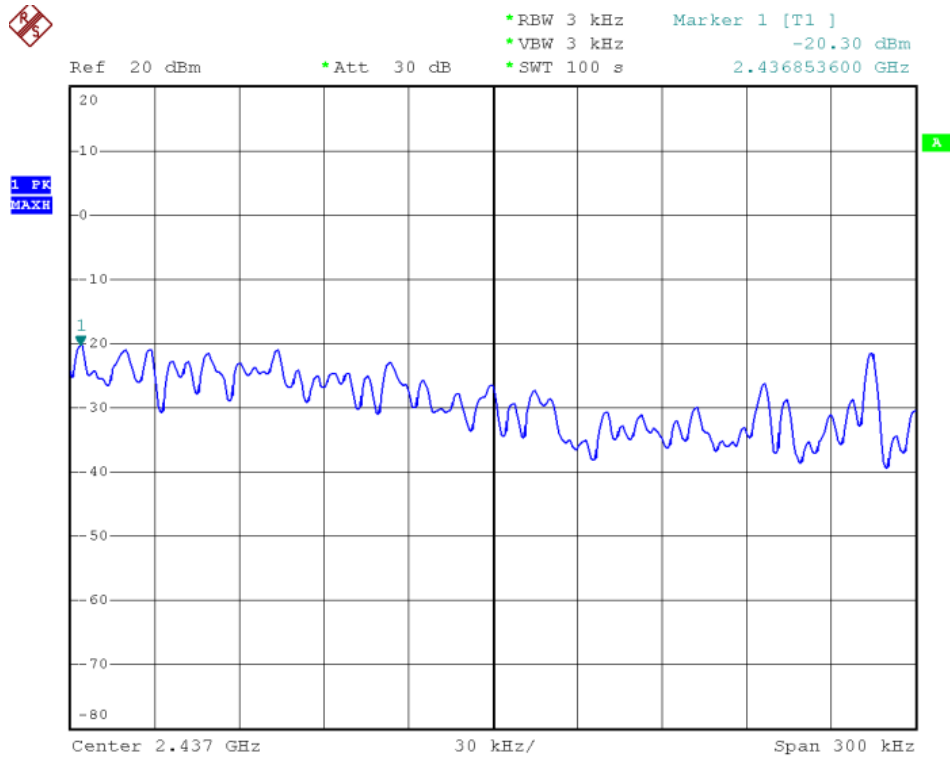
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-20.03	8	Pass
06	2437	-20.30	8	Pass
11	2462	-20.87	8	Pass

Channel 01 (2412MHz)

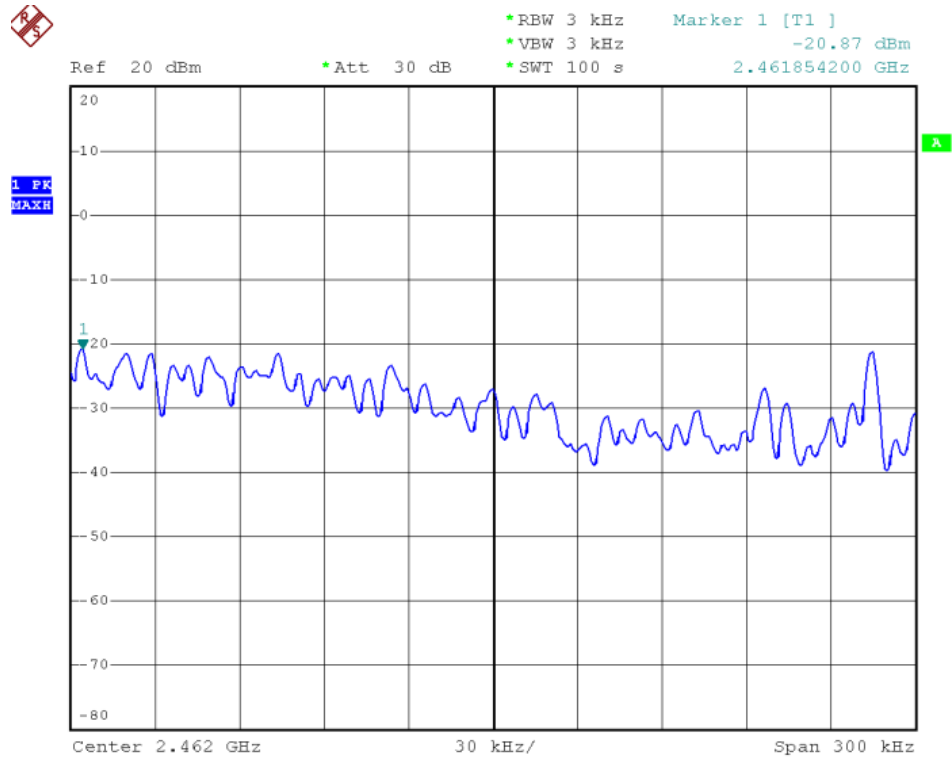




Channel 06 (2437MHz)



Channel 11 (2462MHz)

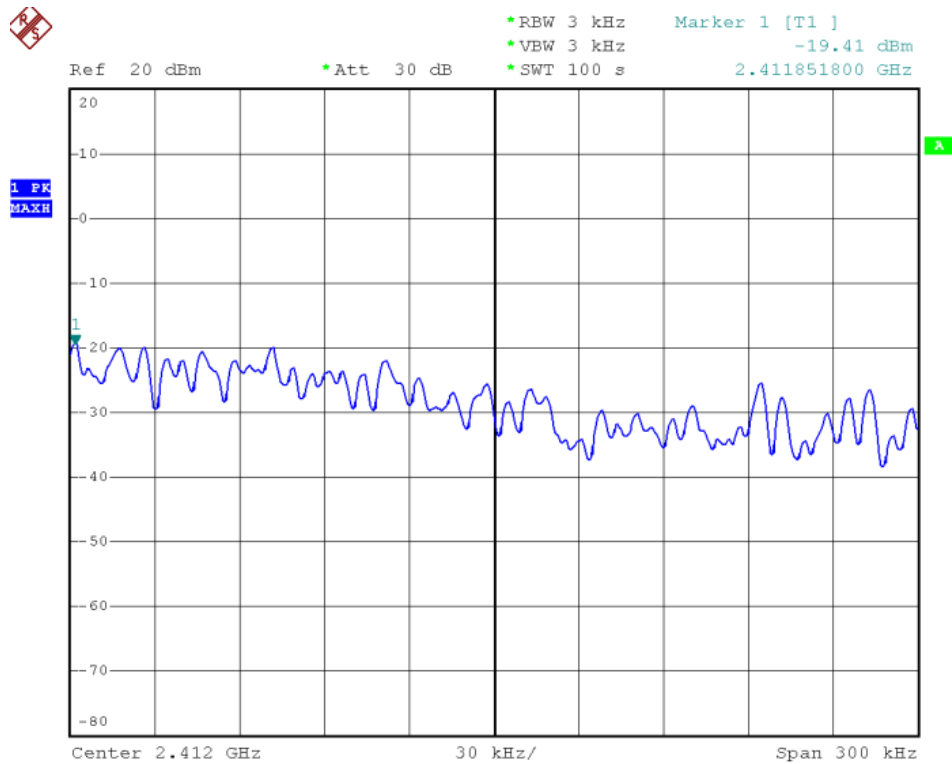




Test Item	Power Spectral Density
Test Mode	Mode 3: Transmit by 802.11n (20MHz) (An1)
Test Date	2010-08-27

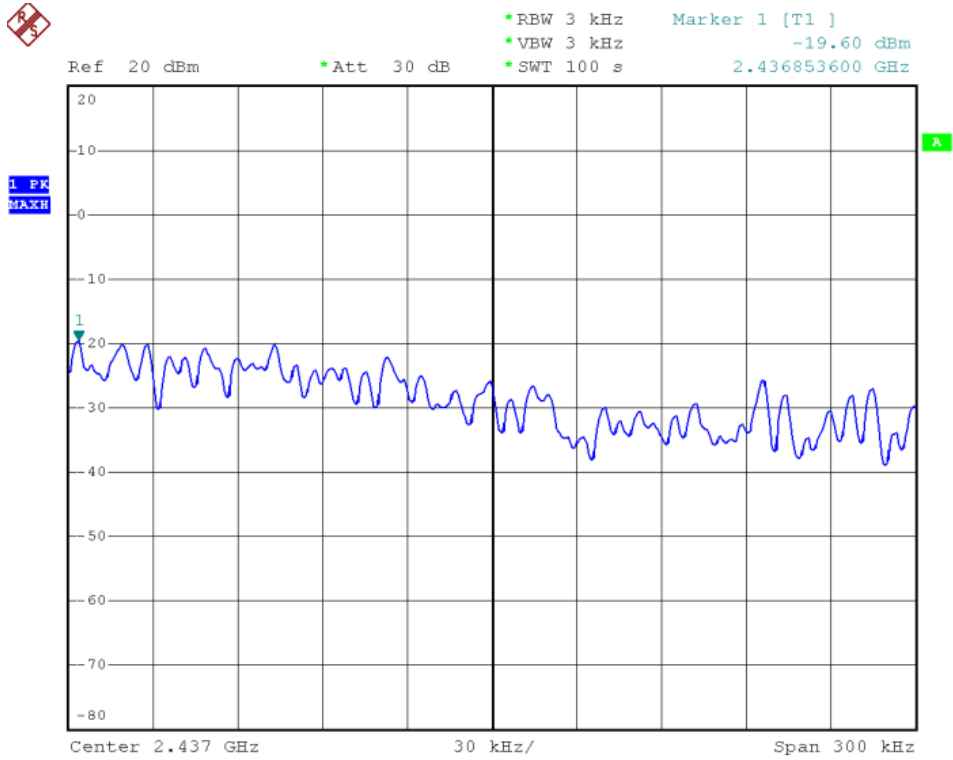
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-19.41	8	Pass
06	2437	-19.60	8	Pass
11	2462	-18.97	8	Pass

Channel 01 (2412MHz)

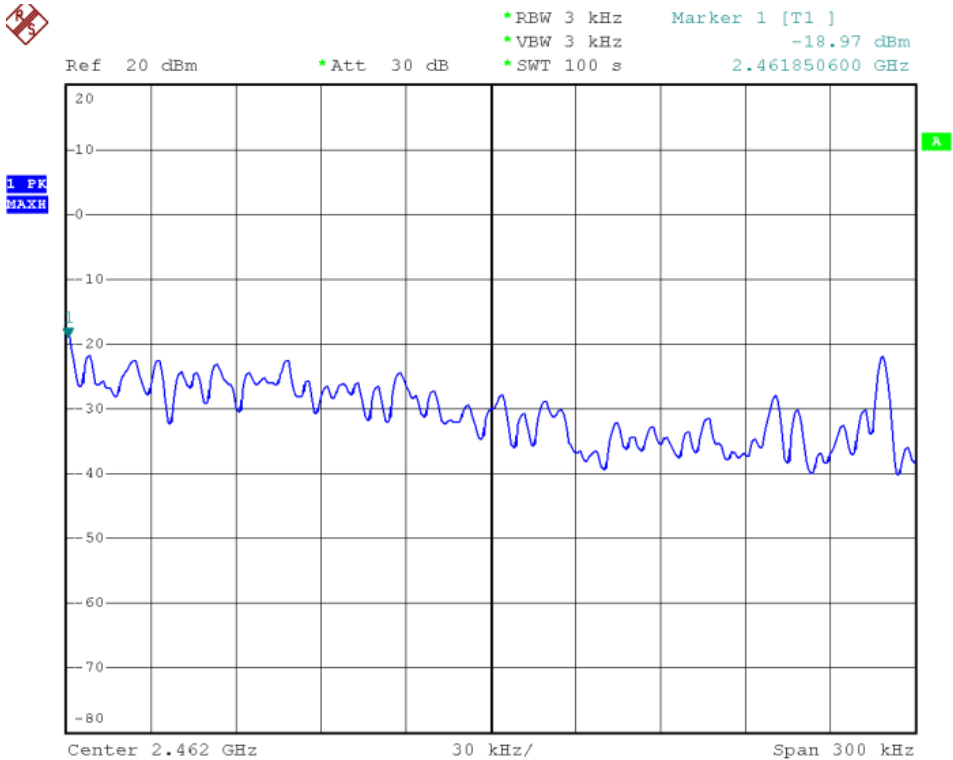




Channel 06 (2437MHz)



Channel 11 (2462MHz)

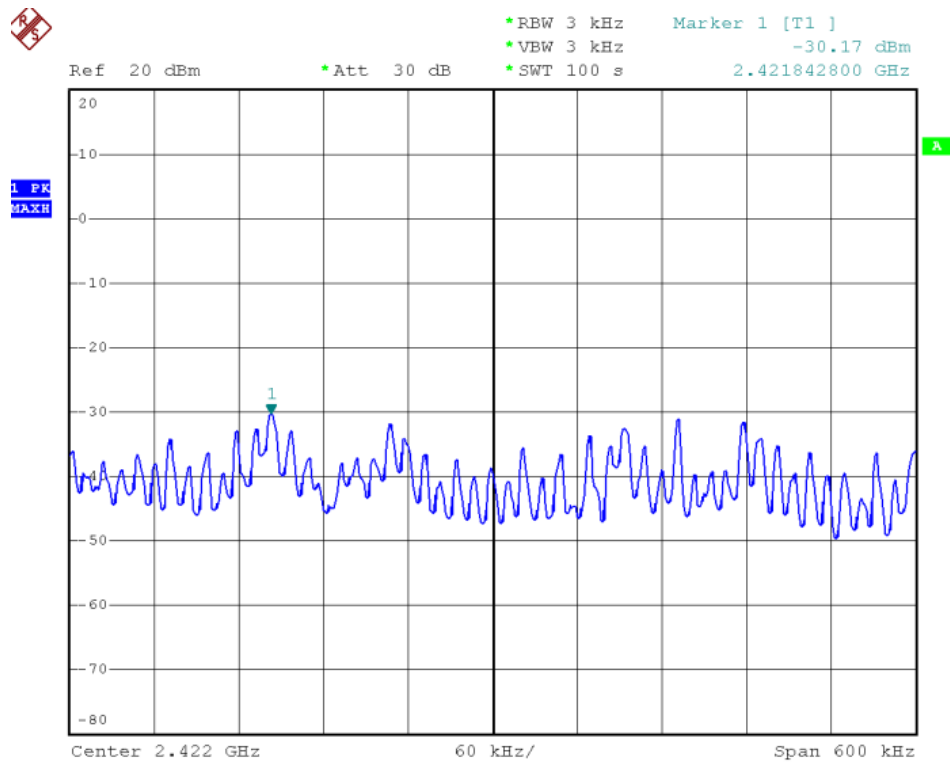




Test Item	Power Spectral Density
Test Mode	Mode 4: Transmit by 802.11n (40MHz) (An0)
Test Date	2010-08-27

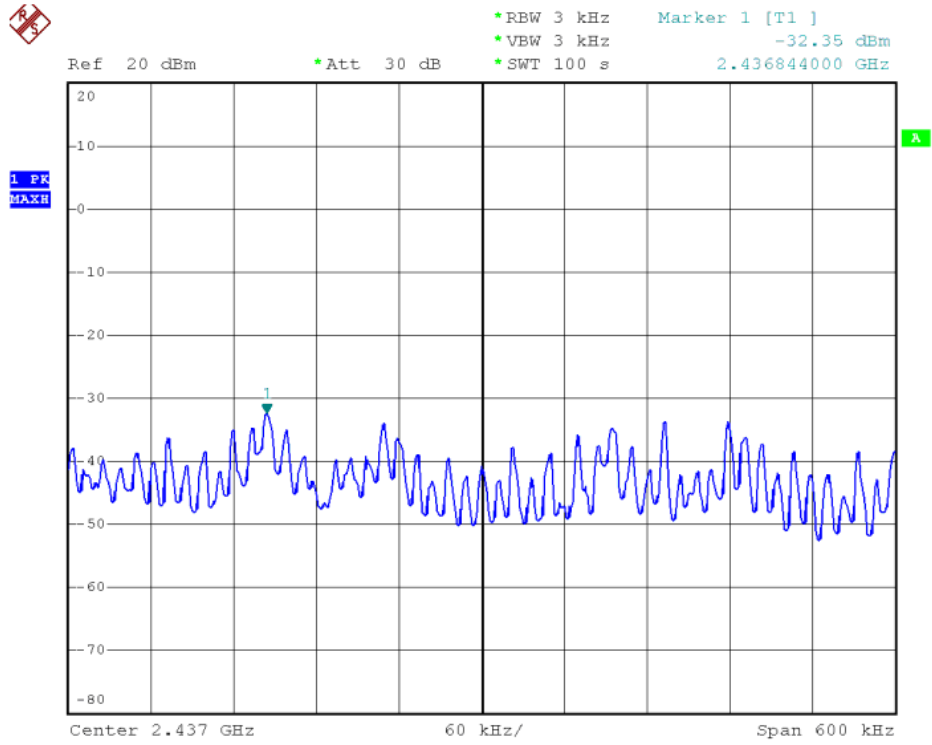
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
03	2422	-30.17	8	Pass
06	2437	-32.35	8	Pass
09	2452	-30.43	8	Pass

Channel 03 (2422MHz)

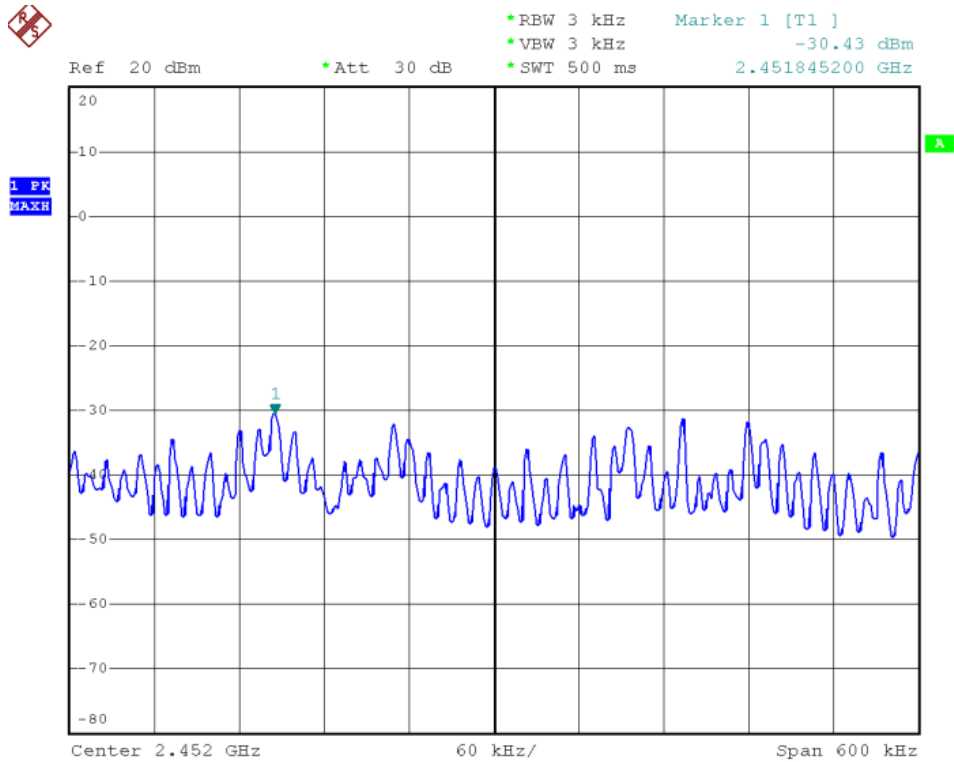




Channel 06 (2437MHz)



Channel 09 (2452MHz)

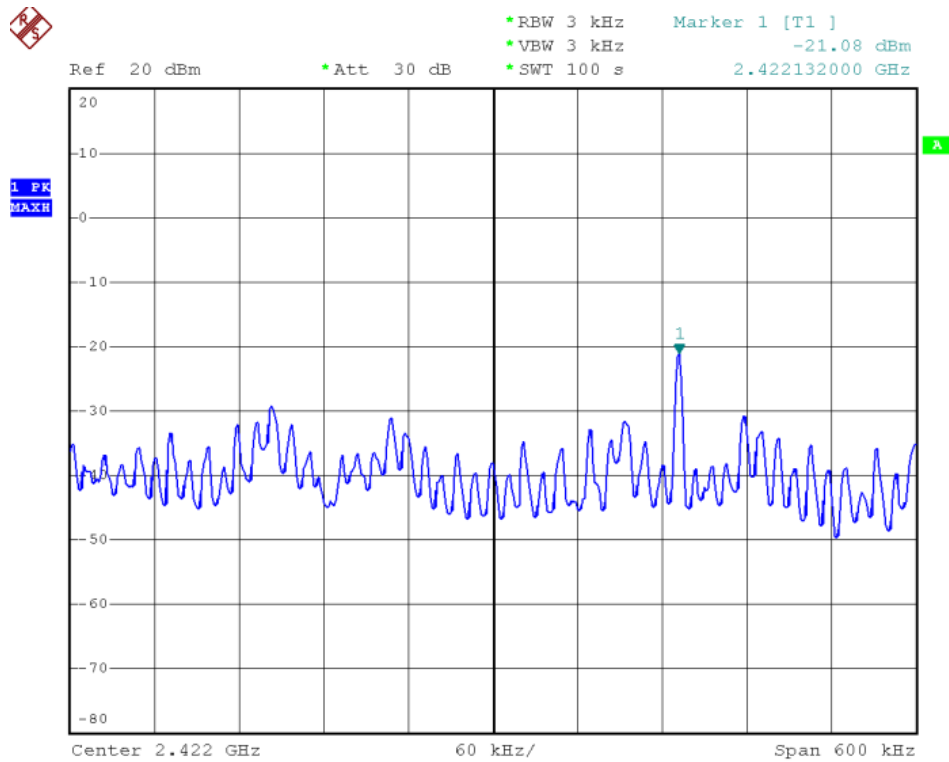




Test Item	Power Spectral Density
Test Mode	Mode 4: Transmit by 802.11n (40MHz) (An1)
Test Date	2010-08-27

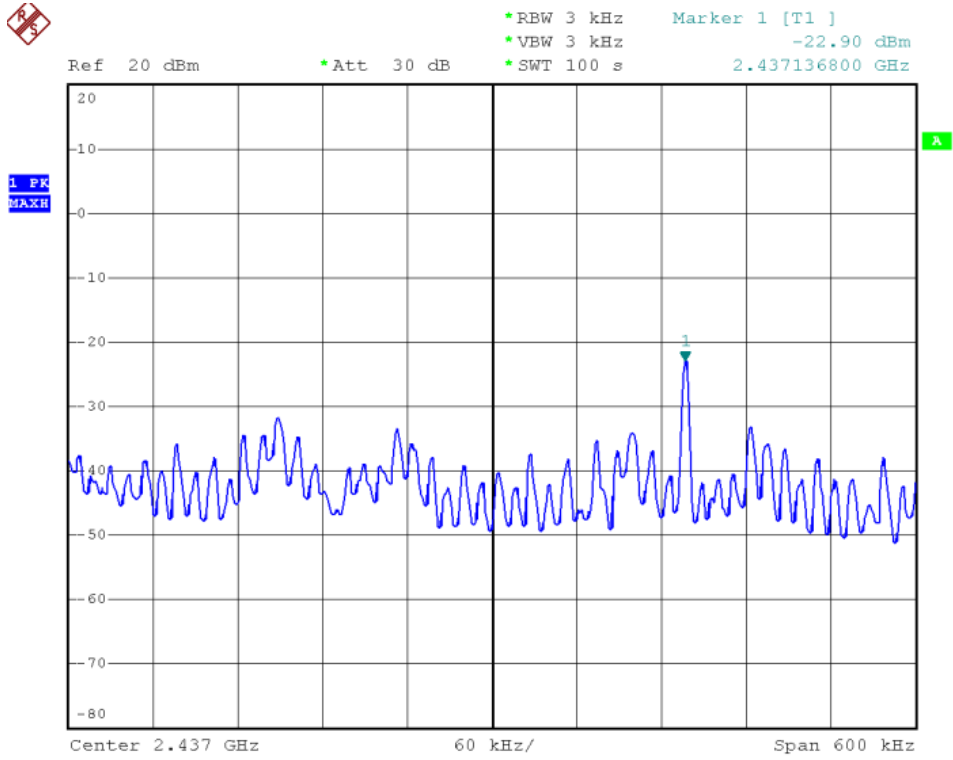
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
03	2422	-21.08	8	Pass
06	2437	-22.90	8	Pass
09	2452	-22.44	8	Pass

Channel 03 (2422MHz)





Channel 06 (2437MHz)



Channel 09 (2452MHz)

