FCC TEST REPORT

According to

FCC CFR Title 47 Part 15 Subpart C

Applicant	:	Huawei Technologies Co., Ltd.
Address	:	Administration Building, Huawei Base, Bantian, Longgang District, Shenzhen 518129 P.R.C.
Manufacturer	:	Huawei Technologies Co., Ltd.
Address	:	Administration Building, Huawei Base, Bantian, Longgang District, Shenzhen 518129 P.R.C.
Factory	:	Askey Technology (Jiangsu) Ltd.
Address	:	No.1388, JiaoTong Road, WuJiang Economic-Technological Development Area, Jiangsu Province, P.R.C.
Equipment	:	Home Gateway
Model No.	:	HG532c
Trade Mark	:	HUAWEI
FCC ID	:	QISHG532C

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Document history

Attachment No.	Date	Description
SEFI1009058	Sep 27, 2010	First issue

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Equipment	:	Home Gateway
Model No.	:	HG532c
Trade Mark	:	HUAWEI
FCC ID	:	QISHG532C

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 Sep 27, 2010 at ***Cerpass Technology Corp.***

Documented By:

Cathy Chen/ Administration

Approved By:

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

Home Gateway	Model No.:	HG532c
	Trade Mark:	HUAWEI
	Rating:	12V ⎓ 1A
Adapter #1	Manufacturer:	UE
	Model No.:	UE12L-120100SPAU
	Input:	100-240V~50/60Hz 300mA MAX
	Output:	12V ⎓ 1A
Adapter #2	Manufacturer:	SHENZHEN FRECOM ELECTRONICS CO.,LTD
	Model No.:	FM120010-US
	Input:	100-240V~50/60Hz 0.6A
	Output:	12V ⎓ 1A

Spreading	802.11b: DSSS 802.11g / n: OFDM
Frequency Range	802.11b/g/n(20MHz): 2412-2462MHz 802.11n(40MHz): 2422-2452MHz
Number of Channels	802.11b/g/n (20MHz):11 802.11n (40MHz): 7
Data Rate	802.11b: 11, 5.5, 2, 1 Mbps 802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps 802.11n: up to 300Mbps
Antenna Type(An0)	PIFA
Antenna Gain(An0)	2.0dBi
Antenna Type(An1)	Dipole
Antenna Gain(An1)	2.0dBi
Remark	Adapter #1 was selected as the test model in this report.

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	---	---

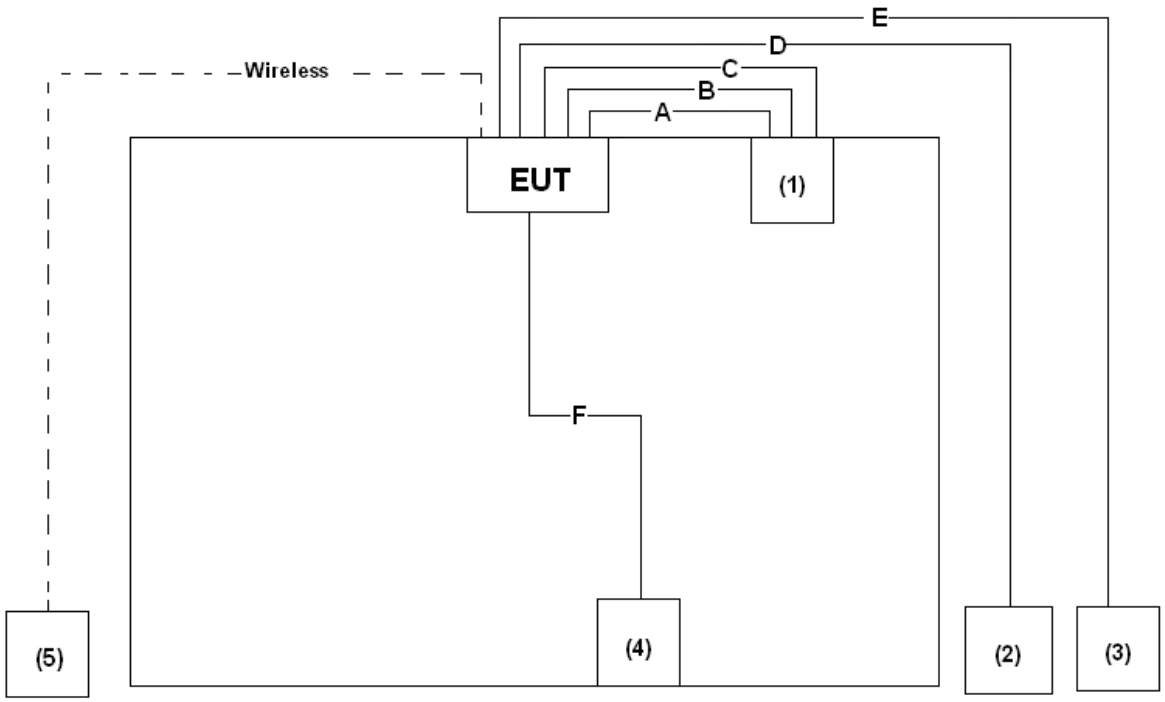
2.3. Test Manner

Test Manner	
a	During testing, the interface cables and equipment positions were varied according to 47 CFR, Part 2, Part 15
b	The complete test system included the HUB, IP Express, Notebook, IPOD and EUT for RF test.
c	Connect the HUB, IP Express, Notebook, IPOD and EUT.
d	Adjust the EUT at the test mode and the channel. Then test.
The test modes:	
	Mode 1: Transmit by 802.11b (An0)
	Mode 2: Transmit by 802.11g (An0)
	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.	Serial No.
1	HUB	BELKIN	F5D5141-24	N/A
2	IP Express	ASKEY	N/A	N/A
3	Notebook	ASUS	W6A	N/A
4	IPOD	Apple	MA477TA/A	N/A
5	Notebook	SONY	M961	N/A

2.5. Connection Diagram of Test System



Use Cable

No.	Cable	Quantity	Description
A	LAN cable	1	Non-shielding, 1.2m
B	LAN cable	1	Non-shielding, 1.2m
C	LAN cable	1	Non-shielding, 1.2m
D	Telephone cable	1	Non-shielding, >5m
E	LAN cable	1	Non-shielding, >5m
F	USB cable	1	Shielding, 1.0m

＊ The EUT keeps to transmit and receive data to remote workstation by Wireless.

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.

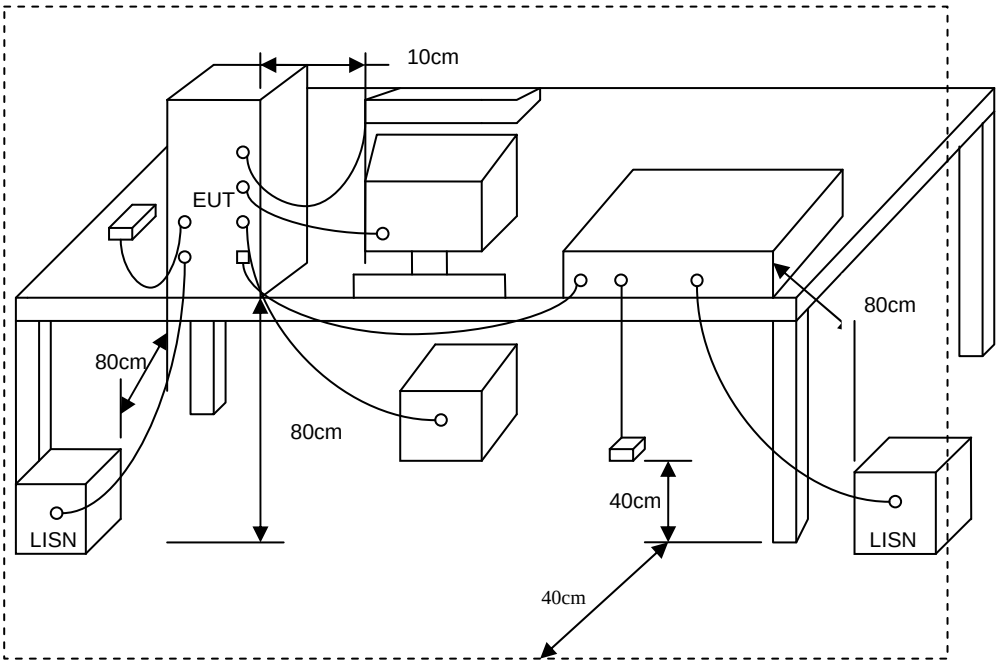
The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are 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

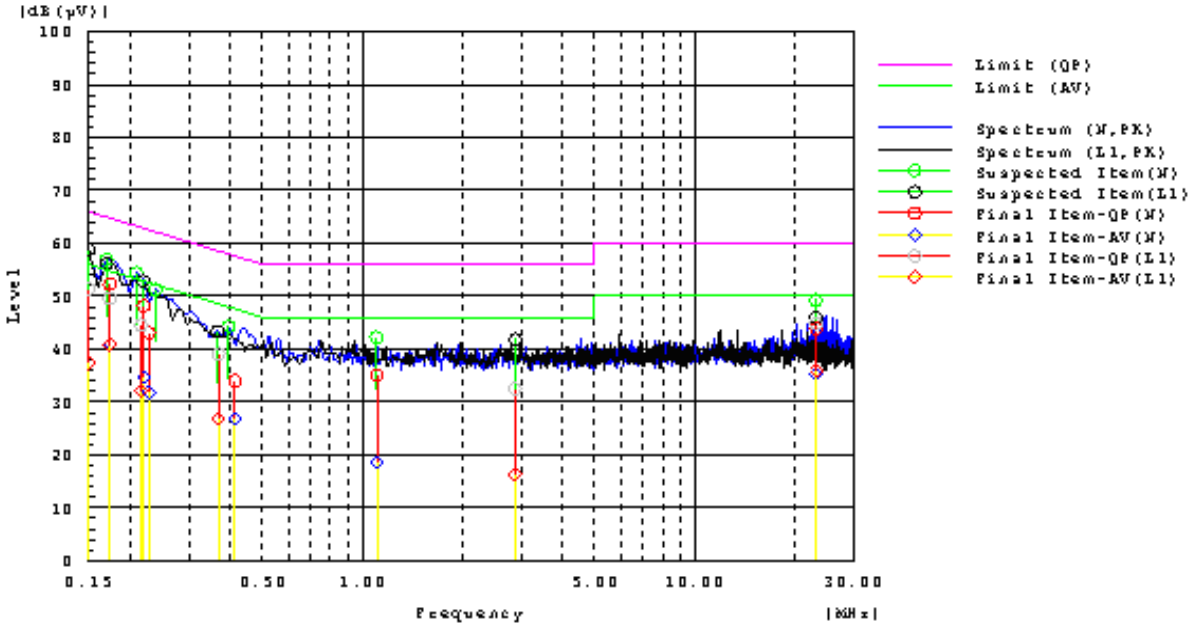


3.4. Measurement Equipment

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

3.5. Test Result and Data

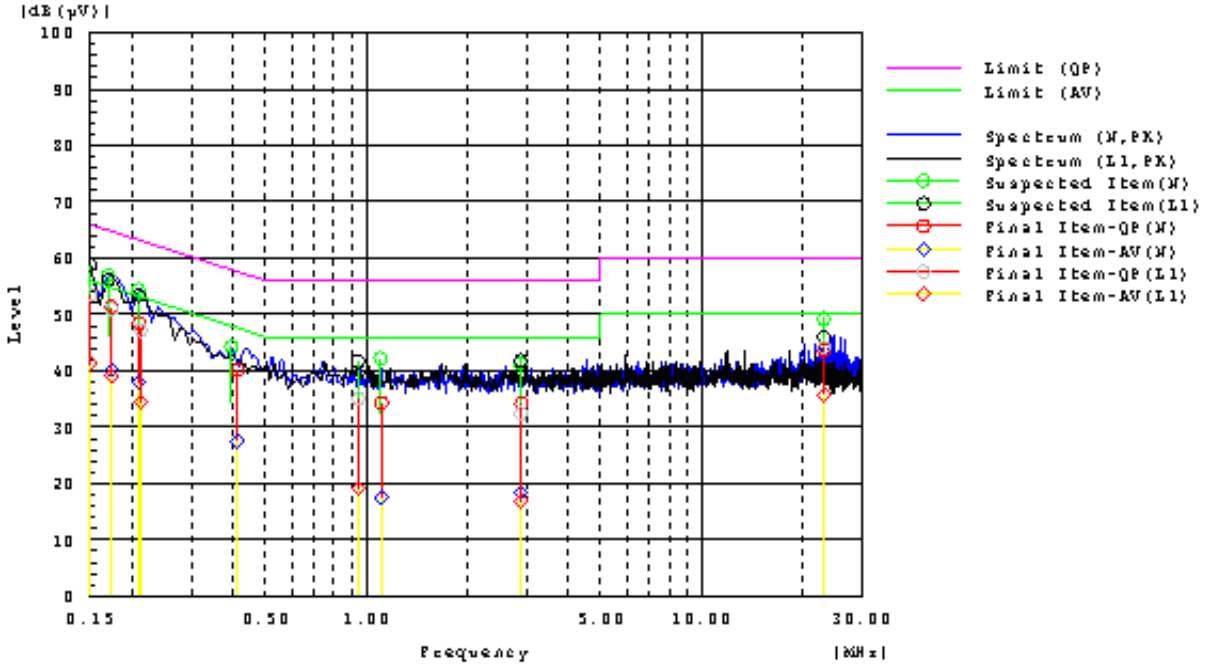
Test Mode :	Mode 1: Transmit by 802.11b (An 0) (2437MHz)		
AC Power :	AC 120V/60Hz	Phase :	L&N
Temperature :	21°C	Humidity:	51%
Pressur(mbar) :	1002	Date:	2010/09/20



Frequency MHz	Line Phase	Reading dB(uV) QP	Reading dB(uV) AV	Factor dB	Level dB(uV) QP	Level dB(uV) AV	Limit dB(uV) QP	Limit dB(uV) AV	Margin dB QP	Margin dB AV	Pass/Fail
0.150	L1	31.5	17.4	19.9	51.4	37.3	66.0	56.0	14.6	18.7	Pass
0.17325	L1	29.7	21.0	19.9	49.6	40.9	64.8	54.8	15.2	13.9	Pass
0.21534	L1	24.6	12.2	19.9	44.5	32.1	63.0	53.0	18.5	20.9	Pass
0.36835	L1	19.2	6.9	19.9	39.1	26.8	58.5	48.5	19.4	21.7	Pass
2.87635	L1	12.8	-3.4	19.7	32.5	16.3	56.0	46.0	23.5	29.7	Pass
23.16534	L1	25.2	16.3	19.6	44.8	35.9	60.0	50.0	15.2	14.1	Pass
0.17352	N	32.8	21.5	19.5	52.3	41.0	64.8	54.8	12.5	13.8	Pass
0.21968	N	28.7	15.1	19.5	48.2	34.6	62.8	52.8	14.6	18.2	Pass
0.22732	N	23.6	12.3	19.5	43.1	31.8	62.5	52.5	19.4	20.7	Pass
1.10638	N	15.7	-0.7	19.4	35.1	18.7	56.0	46.0	20.9	27.3	Pass
23.16425	N	24.0	15.3	19.9	43.9	35.2	60.0	50.0	16.1	14.8	Pass
0.41324	N	14.5	7.2	19.5	34.0	26.7	57.6	47.6	23.6	20.9	Pass

Note: Measurement Level = Reading Level + Correct Factor

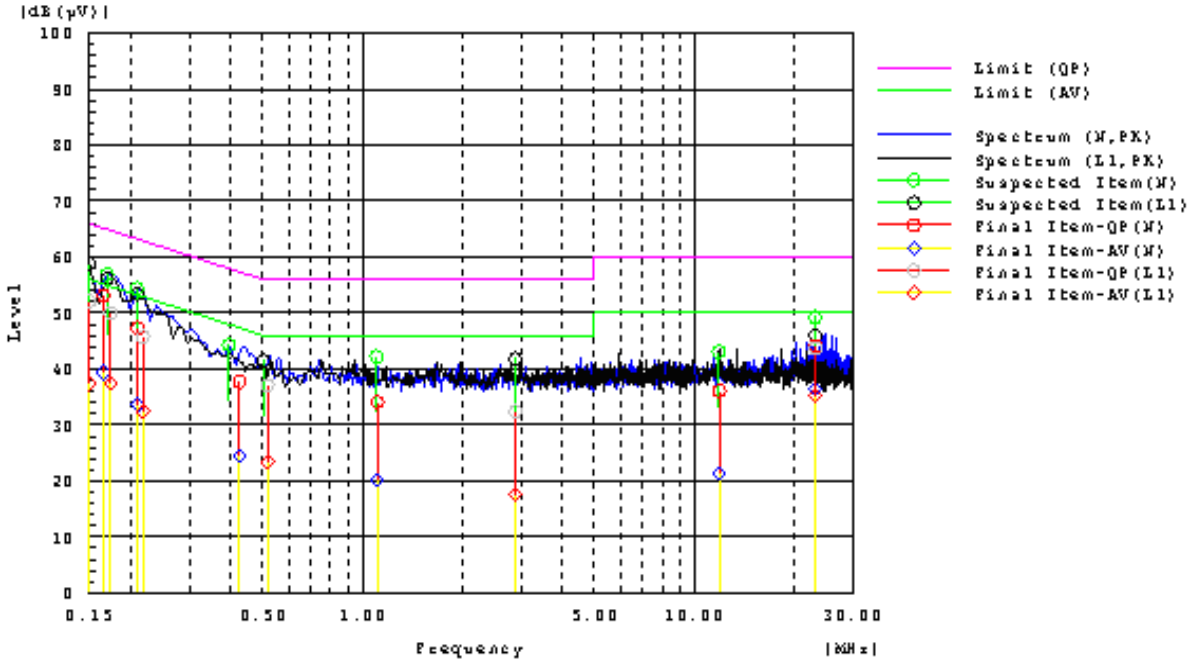
Test Mode :	Mode 2: Transmit by 802.11g (An0) (2437MHz)		
AC Power :	AC 120V/60Hz	Phase :	L&N
Temperature :	21°C	Humidity:	51%
Pressur(mbar) :	1002	Date:	2010/09/20



Frequency MHz	Line Phase	Reading dB(uV) QP	Reading dB(uV) AV	Factor dB	Level dB(uV) QP	Level dB(uV) AV	Limit dB(uV) QP	Limit dB(uV) AV	Margin dB QP	Margin dB AV	Pass/Fail
0.150	L1	33.6	21.3	19.9	53.5	41.2	66.0	56.0	12.5	14.8	Pass
0.17356	L1	31.0	19.2	19.9	50.9	39.1	64.8	54.8	13.9	15.7	Pass
0.21258	L1	27.3	14.7	19.9	47.2	34.6	63.1	53.1	15.9	18.5	Pass
0.94635	L1	15.3	-0.5	19.8	35.1	19.3	56.0	46.0	20.9	26.7	Pass
23.15387	L1	24.6	16.2	19.6	44.2	35.8	60.0	50.0	15.8	14.2	Pass
2.89358	L1	12.7	-2.8	19.7	32.4	16.9	56.0	46.0	23.6	29.1	Pass
0.17354	N	31.9	20.6	19.5	51.4	40.1	64.8	54.8	13.4	14.7	Pass
0.20968	N	29.0	18.5	19.5	48.5	38.0	63.2	53.2	14.7	15.2	Pass
0.41258	N	20.6	8.0	19.5	40.1	27.5	57.6	47.6	17.5	20.1	Pass
1.10864	N	14.9	-1.9	19.4	34.3	17.5	56.0	46.0	21.7	28.5	Pass
23.15389	N	23.8	15.9	19.9	43.7	35.8	60.0	50.0	16.3	14.2	Pass
2.89645	N	14.6	-1.2	19.6	34.2	18.4	56.0	46.0	21.8	27.6	Pass

Note: Measurement Level = Reading Level + Correct Factor

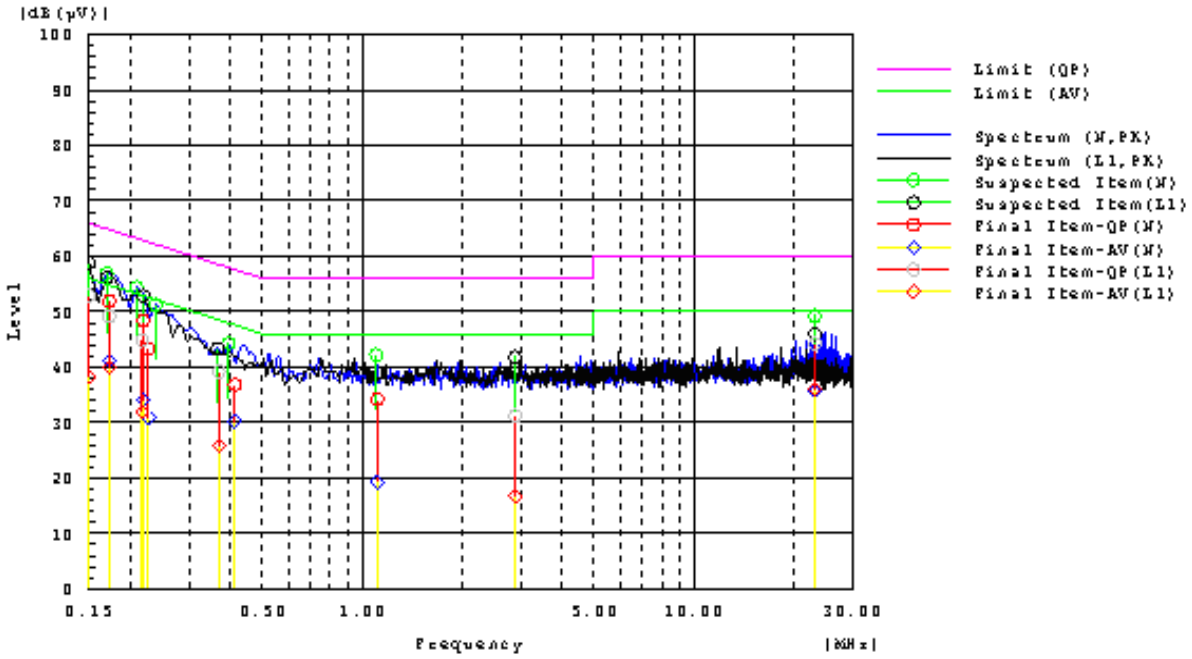
Test Mode :	Mode 3: Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)		
AC Power :	AC 120V/60Hz	Phase :	L&N
Temperature :	21°C	Humidity:	51%
Pressur(mbar) :	1002	Date:	2010/09/20



Frequency MHz	Line Phase	Reading dB(uV) QP	Reading dB(uV) AV	Factor dB	Level dB(uV) QP	Level dB(uV) AV	Limit dB(uV) QP	Limit dB(uV) AV	Margin dB QP	Margin dB AV	Pass/Fail
0.150	L1	32.2	17.4	19.9	52.1	37.3	66.0	56.0	13.9	18.7	Pass
0.17354	L1	30.1	17.5	19.9	50.0	37.4	64.8	54.8	14.8	17.4	Pass
0.21752	L1	25.9	12.5	19.9	45.8	32.4	62.9	52.9	17.1	20.5	Pass
0.51654	L1	17.3	3.6	19.8	37.1	23.4	56.0	46.0	18.9	22.6	Pass
2.89367	L1	12.7	-2.1	19.7	32.4	17.6	56.0	46.0	23.6	28.4	Pass
23.15394	L1	24.1	15.7	19.6	43.7	35.3	60.0	50.0	16.3	14.7	Pass
0.16538	N	33.6	19.9	19.5	53.1	39.4	65.2	55.2	12.1	15.8	Pass
0.20968	N	27.8	14.1	19.5	47.3	33.6	63.2	53.2	15.9	19.6	Pass
1.10764	N	14.7	0.7	19.4	34.1	20.1	56.0	46.0	21.9	25.9	Pass
23.16851	N	24.2	16.6	19.9	44.1	36.5	60.0	50.0	15.9	13.5	Pass
11.89387	N	16.2	1.4	19.9	36.1	21.3	60.0	50.0	23.9	28.7	Pass
0.42568	N	18.2	5.1	19.5	37.7	24.6	57.3	47.3	19.6	22.7	Pass

Note: Measurement Level = Reading Level + Correct Factor

Test Mode :	Mode 4: Transmit by 802.11 n(40MHz）(An0 and An1) (2437MHz)		
AC Power :	AC 120V/60Hz	Phase :	L&N
Temperature :	21°C	Humidity:	51%
Pressur(mbar) :	1002	Date:	2010/09/20



Frequency MHz	Line Phase	Reading dB(uV) QP	Reading dB(uV) AV	Factor dB	Level dB(uV) QP	Level dB(uV) AV	Limit dB(uV) QP	Limit dB(uV) AV	Margin dB QP	Margin dB AV	Pass/Fail
0.150	L1	33.0	18.4	19.9	52.9	38.3	66.0	56.0	13.1	17.7	Pass
0.17256	L1	29.3	20.0	19.9	49.2	39.9	64.8	54.8	15.6	14.9	Pass
0.21685	L1	24.9	12.0	19.9	44.8	31.9	62.9	52.9	18.1	21.0	Pass
0.36965	L1	19.3	6.0	19.9	39.2	25.9	58.5	48.5	19.3	22.6	Pass
2.88934	L1	11.5	-3.0	19.7	31.2	16.7	56.0	46.0	24.8	29.3	Pass
23.16354	L1	24.6	16.5	19.6	44.2	36.1	60.0	50.0	15.8	13.9	Pass
0.17253	N	32.4	21.6	19.5	51.9	41.1	64.8	54.8	12.9	13.7	Pass
0.21854	N	28.9	14.5	19.5	48.4	34.0	62.9	52.9	14.5	18.9	Pass
0.22689	N	23.9	11.4	19.5	43.4	30.9	62.6	52.6	19.2	21.7	Pass
1.10836	N	14.8	-0.1	19.4	34.2	19.3	56.0	46.0	21.8	26.7	Pass
23.16384	N	24.3	15.8	19.9	44.2	35.7	60.0	50.0	15.8	14.3	Pass
0.41258	N	17.3	10.7	19.5	36.8	30.2	57.6	47.6	20.8	17.4	Pass

Note: Measurement Level = Reading Level + Correct Factor

Test engineer: Fred Guo

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.

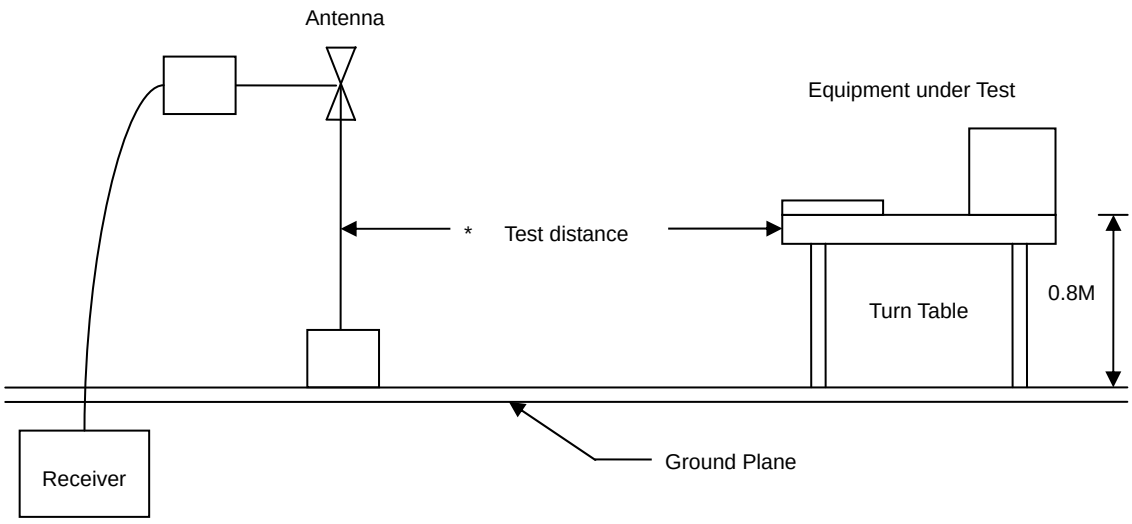
The spectrum from 30MHz to 26GHz is investigated with the transmitter set to the lowest, middle and highest channels in the 2.4GHz band.

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



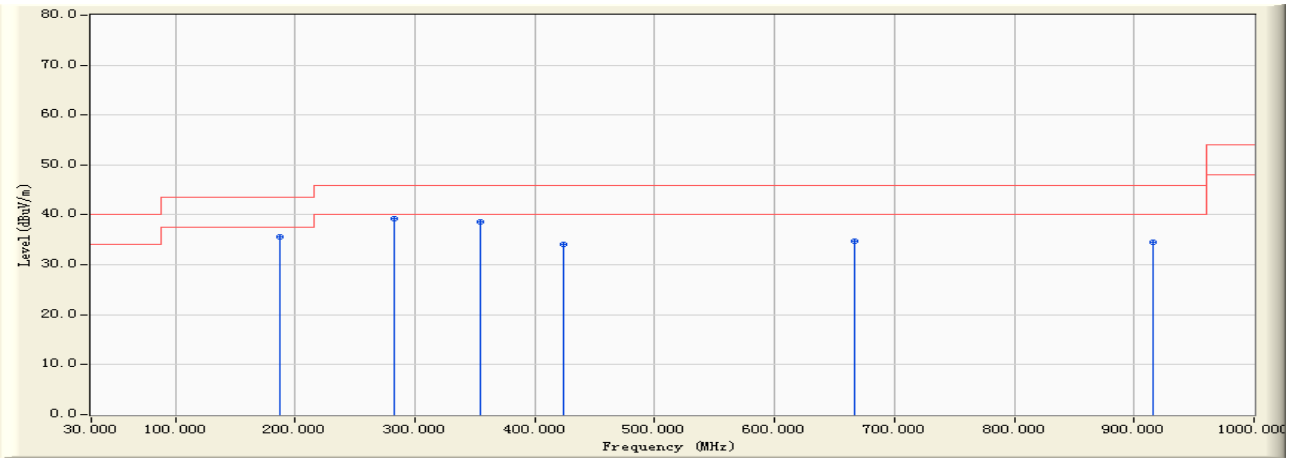
4.4. Measurement Equipment

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

4.5. Test Result and Data

Under 1G:

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 17:35**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)**

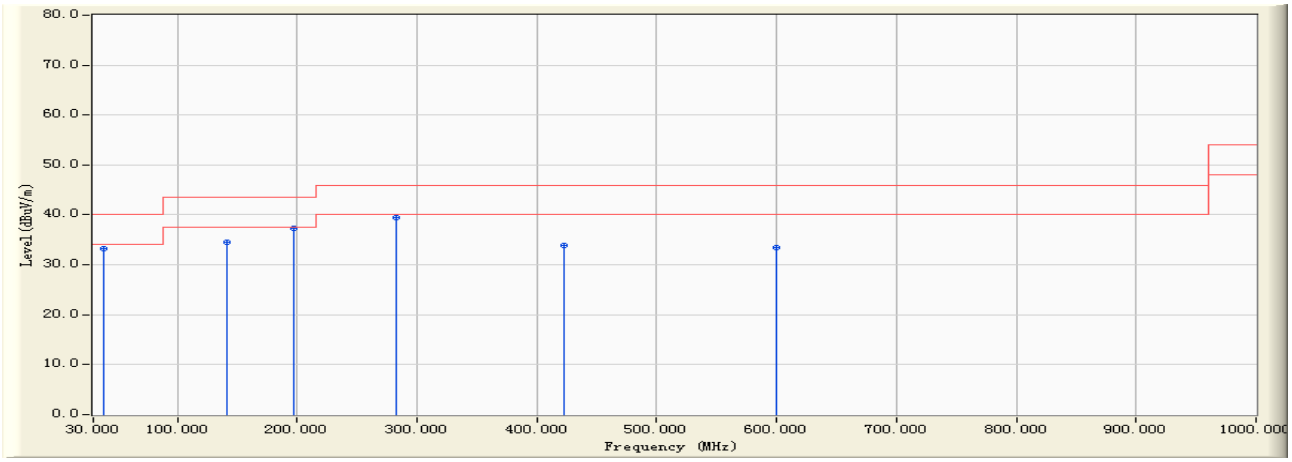


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		187.360	-17.626	53.180	35.554	-7.946	43.500	QUASIPEAK
2	*	282.510	-13.661	52.980	39.319	-6.681	46.000	QUASIPEAK
3		355.170	-11.668	50.180	38.513	-7.487	46.000	QUASIPEAK
4		423.610	-10.136	44.160	34.024	-11.976	46.000	QUASIPEAK
5		667.160	-5.421	40.170	34.749	-11.251	46.000	QUASIPEAK
6		916.130	-0.667	35.190	34.523	-11.477	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 : 2010/09/21 - 17:37**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)**

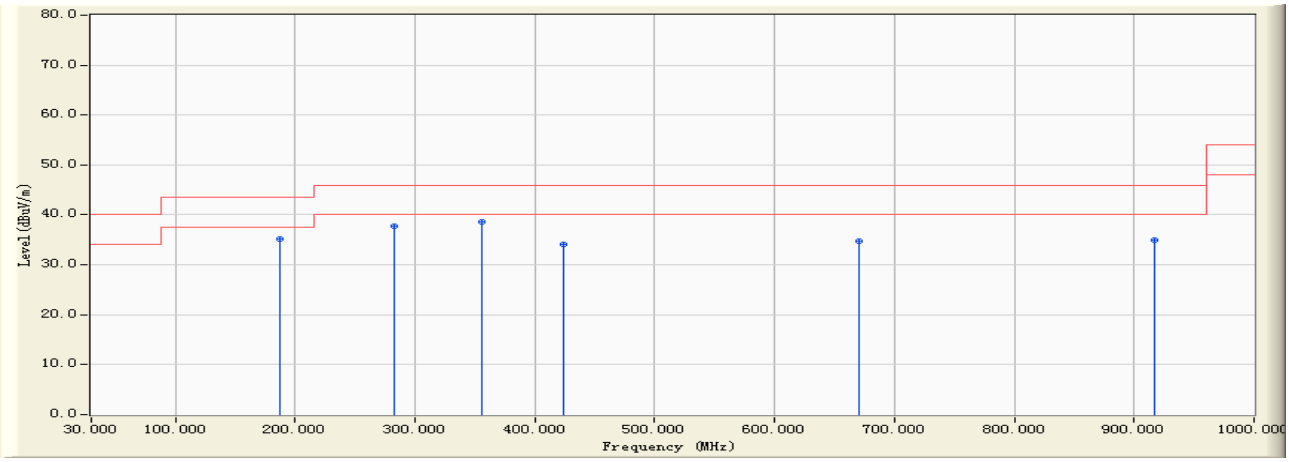


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		38.690	-12.412	45.680	33.267	-6.733	40.000	QUASIPEAK
2		141.350	-17.595	52.180	34.585	-8.915	43.500	QUASIPEAK
3	*	197.340	-17.775	55.180	37.405	-6.095	43.500	QUASIPEAK
4		282.340	-13.666	53.170	39.504	-6.496	46.000	QUASIPEAK
5		423.150	-10.141	44.100	33.959	-12.041	46.000	QUASIPEAK
6		600.370	-6.600	40.150	33.551	-12.449	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 : 2010/09/21 - 17:38**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)**

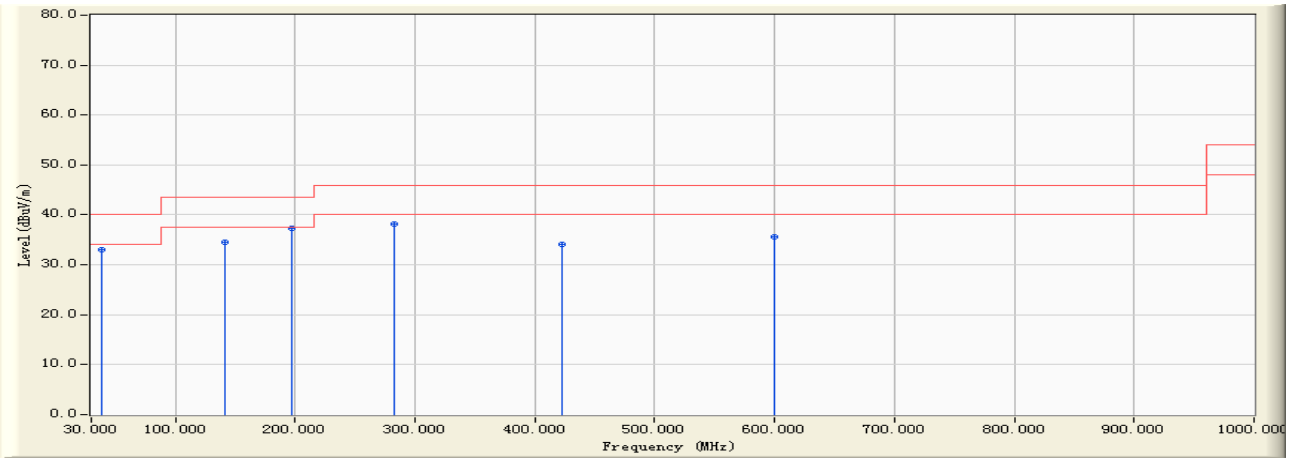


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		187.460	-17.633	52.890	35.257	-8.243	43.500	QUASIPEAK
2		283.170	-13.641	51.430	37.789	-8.211	46.000	QUASIPEAK
3	*	355.460	-11.644	50.170	38.526	-7.474	46.000	QUASIPEAK
4		423.640	-10.136	44.170	34.034	-11.966	46.000	QUASIPEAK
5		670.420	-5.516	40.190	34.673	-11.327	46.000	QUASIPEAK
6		916.450	-0.658	35.670	35.012	-10.988	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 : 2010/09/21 - 17:39**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)**

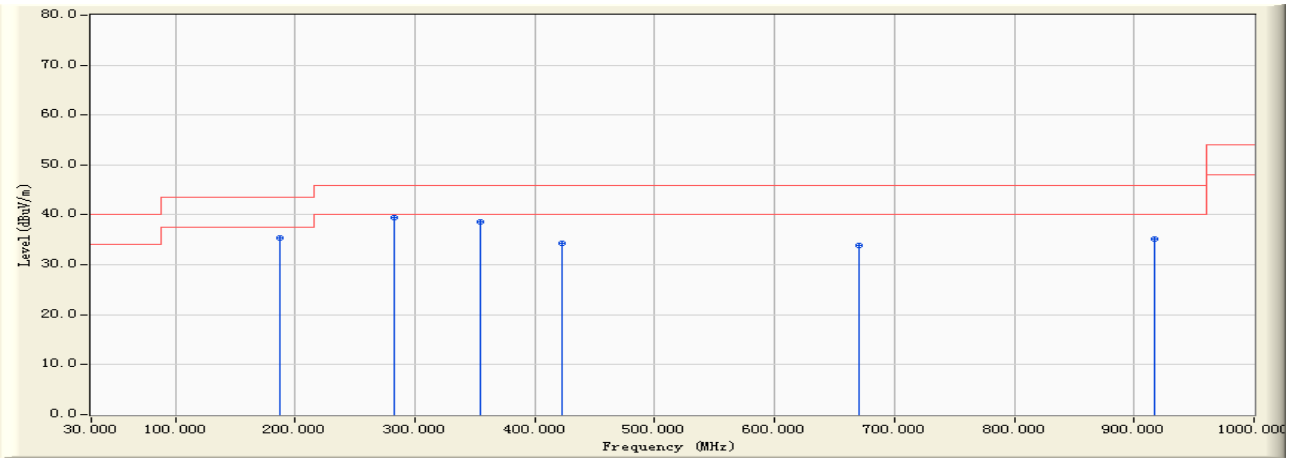


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		39.170	-12.679	45.620	32.941	-7.059	40.000	QUASIPEAK
2		141.370	-17.596	52.160	34.565	-8.935	43.500	QUASIPEAK
3	*	197.250	-17.778	55.160	37.383	-6.117	43.500	QUASIPEAK
4		282.460	-13.662	51.940	38.278	-7.722	46.000	QUASIPEAK
5		423.150	-10.141	44.170	34.029	-11.971	46.000	QUASIPEAK
6		600.430	-6.603	42.160	35.557	-10.443	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 : 2010/09/21 - 17:50**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)**

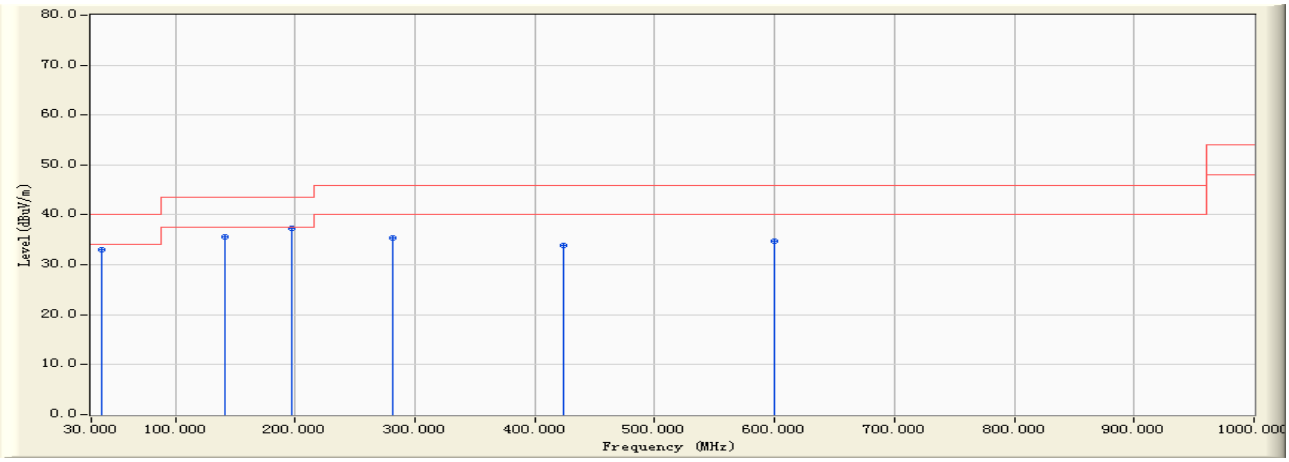


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		187.430	-17.631	52.940	35.309	-8.191	43.500	QUASIPEAK
2	*	282.360	-13.664	53.180	39.515	-6.485	46.000	QUASIPEAK
3		355.170	-11.668	50.340	38.673	-7.327	46.000	QUASIPEAK
4		423.180	-10.141	44.360	34.220	-11.780	46.000	QUASIPEAK
5		670.420	-5.516	39.510	33.993	-12.007	46.000	QUASIPEAK
6		916.430	-0.659	35.740	35.082	-10.918	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 : 2010/09/21 - 17:51**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)**

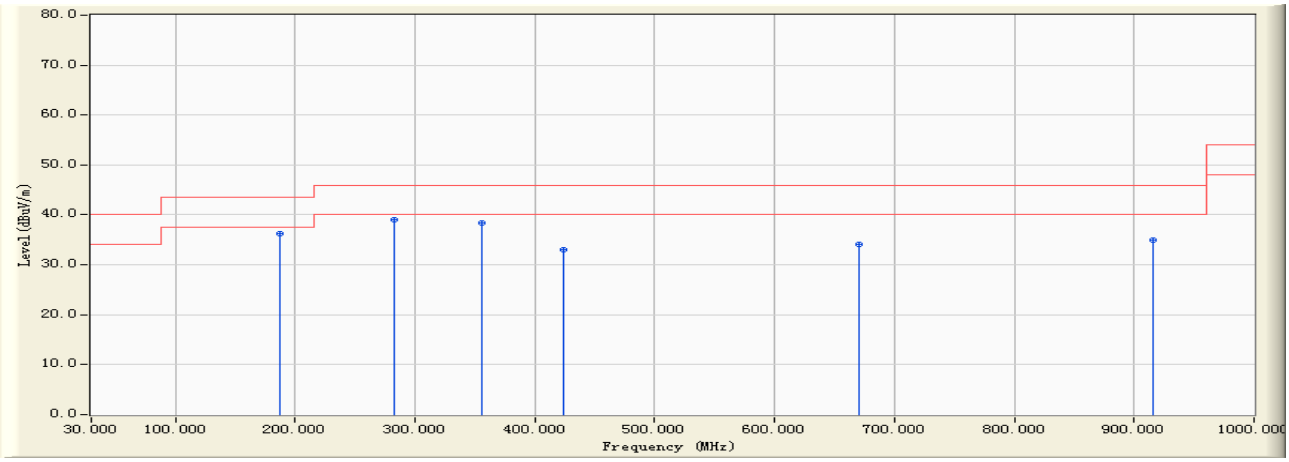


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		38.160	-12.144	45.230	33.086	-6.914	40.000	QUASIPEAK
2		141.340	-17.595	53.140	35.545	-7.955	43.500	QUASIPEAK
3	*	197.420	-17.772	55.130	37.358	-6.142	43.500	QUASIPEAK
4		282.100	-13.671	49.020	35.349	-10.651	46.000	QUASIPEAK
5		423.570	-10.137	44.100	33.963	-12.037	46.000	QUASIPEAK
6		599.620	-6.593	41.370	34.777	-11.223	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 : 2010/09/21 - 17:58**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)**

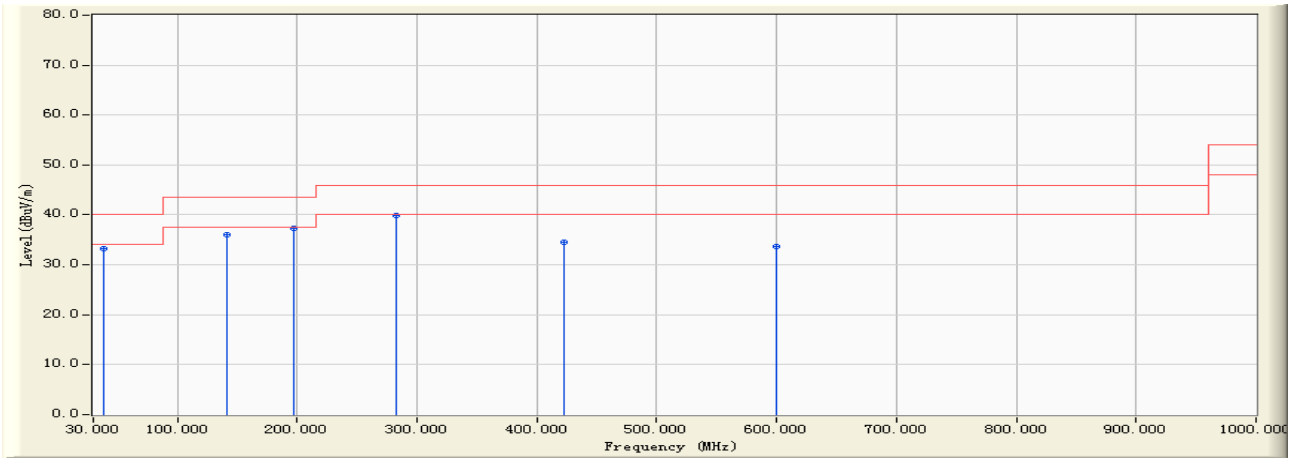


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		187.430	-17.631	53.890	36.259	-7.241	43.500	QUASIPEAK
2	*	282.350	-13.665	52.670	39.005	-6.995	46.000	QUASIPEAK
3		355.420	-11.647	50.130	38.483	-7.517	46.000	QUASIPEAK
4		423.610	-10.136	43.160	33.024	-12.976	46.000	QUASIPEAK
5		670.810	-5.504	39.620	34.115	-11.885	46.000	QUASIPEAK
6		916.230	-0.664	35.640	34.976	-11.024	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 : 2010/09/21 - 18:14**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)**

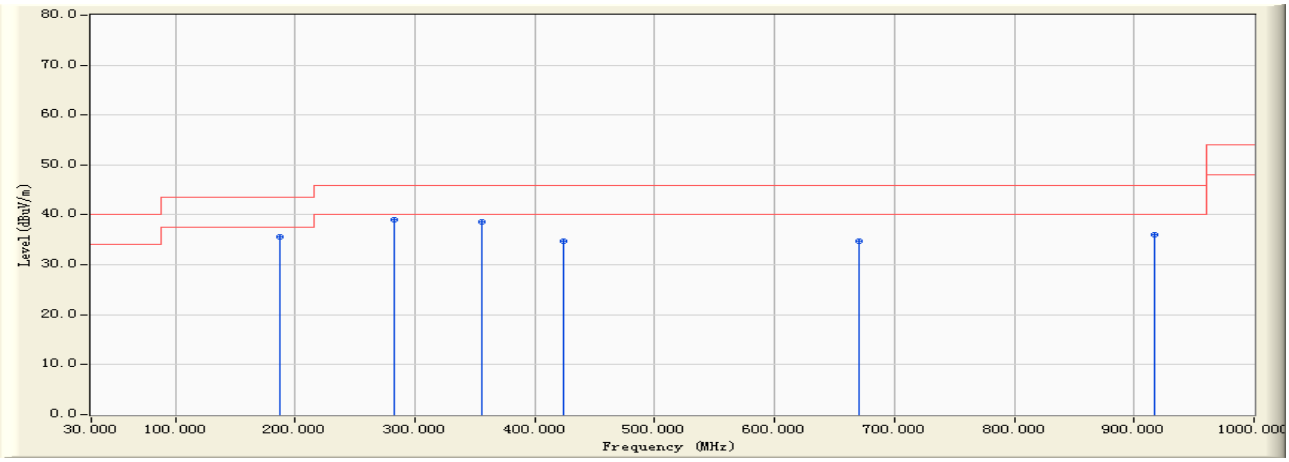


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		38.160	-12.144	45.320	33.176	-6.824	40.000	QUASIPEAK
2		141.480	-17.596	53.640	36.044	-7.456	43.500	QUASIPEAK
3		197.830	-17.760	55.160	37.401	-6.099	43.500	QUASIPEAK
4	*	282.310	-13.666	53.640	39.974	-6.026	46.000	QUASIPEAK
5		423.180	-10.141	44.670	34.530	-11.470	46.000	QUASIPEAK
6		599.620	-6.593	40.350	33.757	-12.243	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 : 2010/09/21 - 18:15**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2437MHz)**

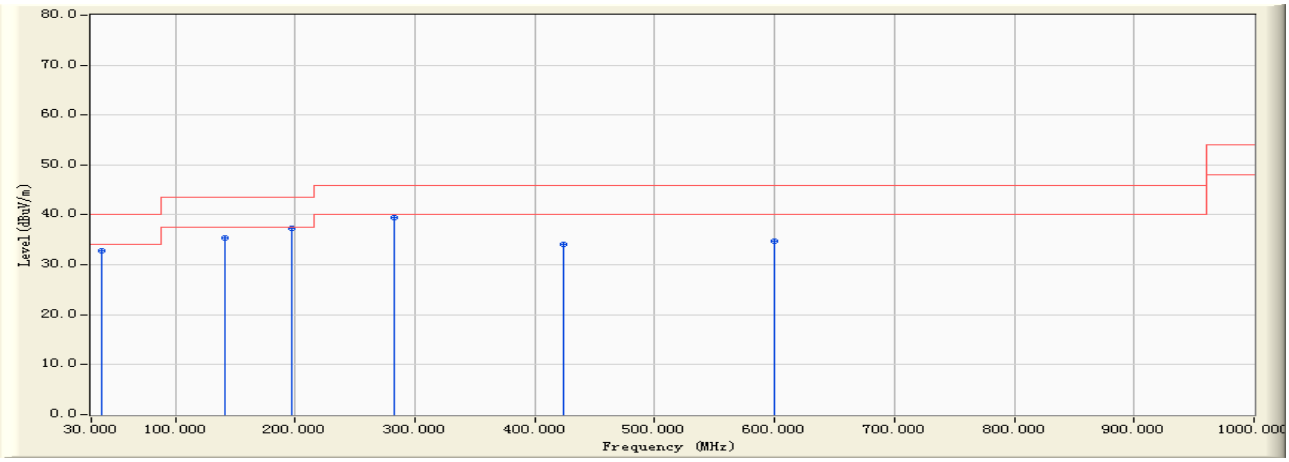


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		187.330	-17.623	53.160	35.537	-7.963	43.500	QUASIPEAK
2	*	282.350	-13.665	52.630	38.965	-7.035	46.000	QUASIPEAK
3		355.610	-11.631	50.170	38.539	-7.461	46.000	QUASIPEAK
4		423.650	-10.135	44.820	34.684	-11.316	46.000	QUASIPEAK
5		670.310	-5.520	40.310	34.790	-11.210	46.000	QUASIPEAK
6		916.430	-0.659	36.780	36.122	-9.878	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 : 2010/09/21 - 18:16**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2437MHz)**

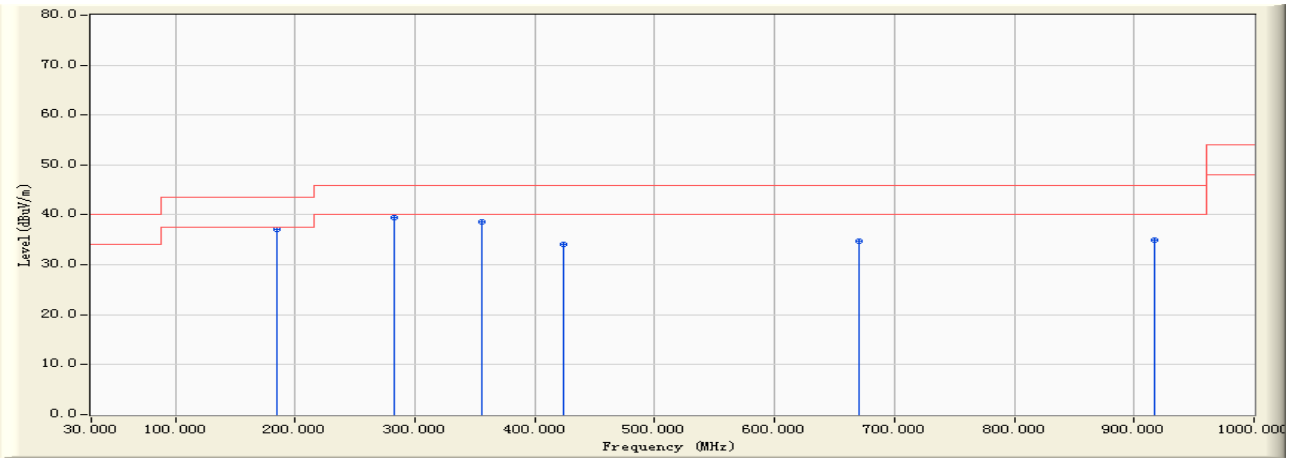


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		38.620	-12.377	45.170	32.793	-7.207	40.000	QUASIPEAK
2		141.370	-17.596	52.940	35.345	-8.155	43.500	QUASIPEAK
3	*	197.650	-17.765	55.120	37.355	-6.145	43.500	QUASIPEAK
4		282.310	-13.666	53.100	39.434	-6.566	46.000	QUASIPEAK
5		423.680	-10.135	44.150	34.015	-11.985	46.000	QUASIPEAK
6		599.420	-6.592	41.310	34.718	-11.282	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 : 2010/09/21 - 18:17**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)**

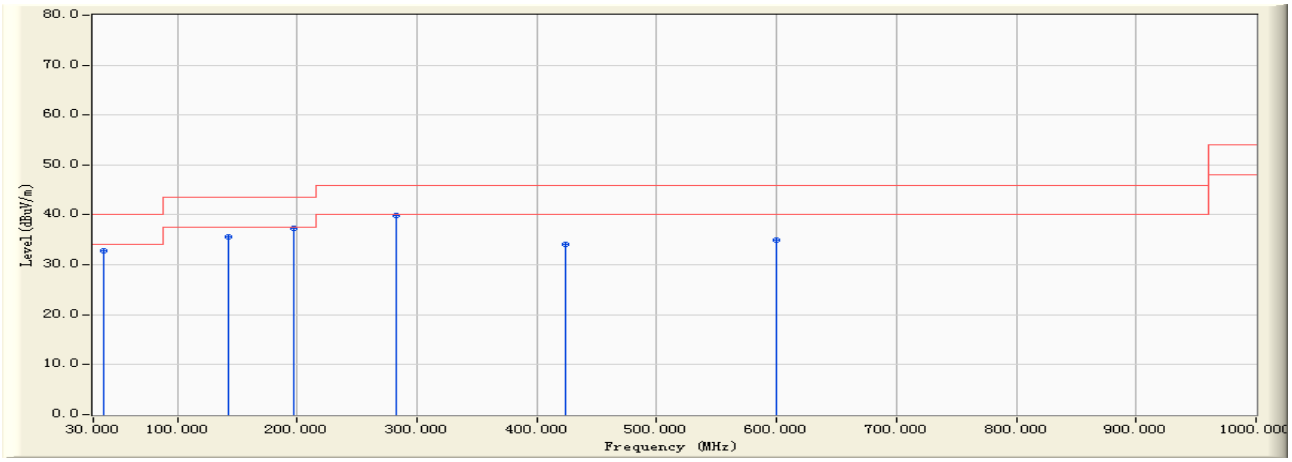


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	185.450	-17.465	54.630	37.164	-6.336	43.500	QUASIPEAK
2		282.370	-13.665	53.160	39.495	-6.505	46.000	QUASIPEAK
3		355.320	-11.655	50.170	38.515	-7.485	46.000	QUASIPEAK
4		423.650	-10.135	44.180	34.044	-11.956	46.000	QUASIPEAK
5		670.120	-5.521	40.370	34.849	-11.151	46.000	QUASIPEAK
6		916.430	-0.659	35.620	34.962	-11.038	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 18:18**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)**

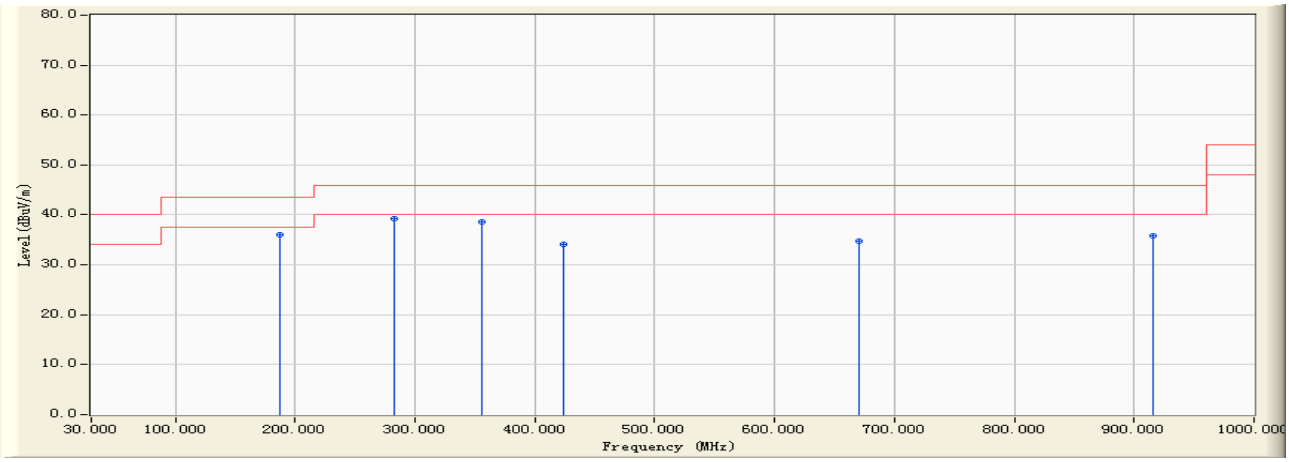


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		38.620	-12.377	45.130	32.753	-7.247	40.000	QUASIPEAK
2		142.890	-17.627	53.310	35.682	-7.818	43.500	QUASIPEAK
3		197.630	-17.766	55.140	37.374	-6.126	43.500	QUASIPEAK
4	*	282.510	-13.661	53.640	39.979	-6.021	46.000	QUASIPEAK
5		423.610	-10.136	44.160	34.024	-11.976	46.000	QUASIPEAK
6		599.610	-6.593	41.630	35.037	-10.963	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 : 2010/09/21 - 18:21**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2412MHz)**

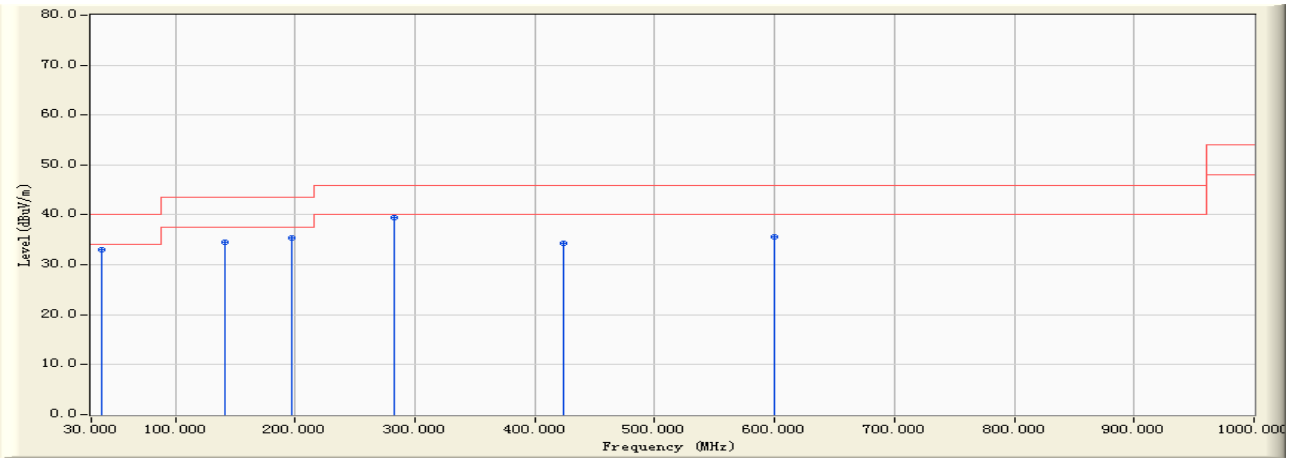


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		187.630	-17.645	53.620	35.975	-7.525	43.500	QUASIPEAK
2	*	282.350	-13.665	52.970	39.305	-6.695	46.000	QUASIPEAK
3		355.610	-11.631	50.170	38.539	-7.461	46.000	QUASIPEAK
4		423.680	-10.135	44.150	34.015	-11.985	46.000	QUASIPEAK
5		670.580	-5.511	40.350	34.838	-11.162	46.000	QUASIPEAK
6		916.330	-0.662	36.420	35.759	-10.241	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 : 2010/09/21 - 18:22**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2412MHz)**

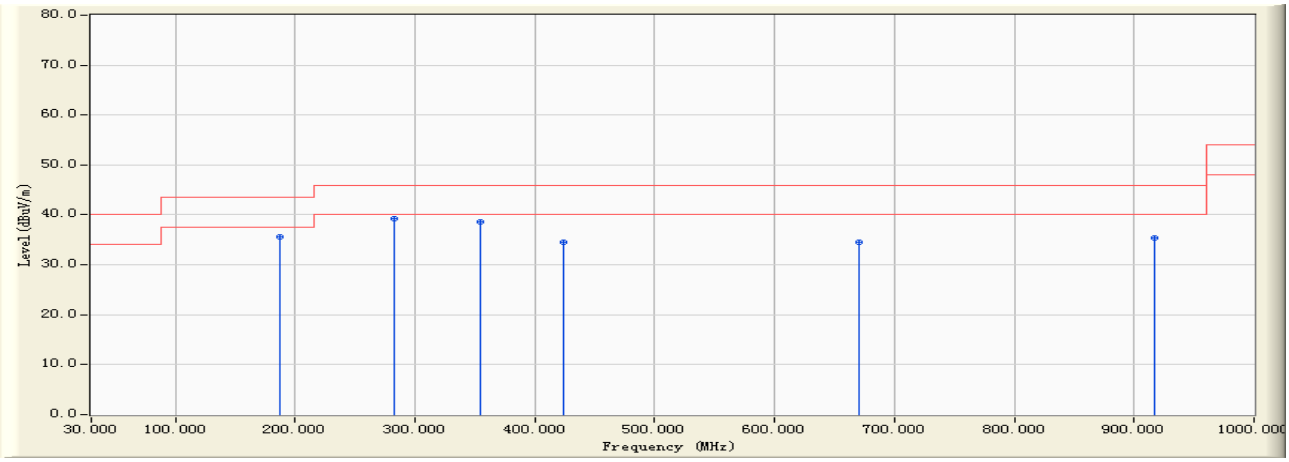


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		39.160	-12.673	45.620	32.947	-7.053	40.000	QUASIPEAK
2		141.320	-17.595	52.170	34.575	-8.925	43.500	QUASIPEAK
3		197.620	-17.766	53.160	35.394	-8.106	43.500	QUASIPEAK
4	*	282.340	-13.666	53.140	39.474	-6.526	46.000	QUASIPEAK
5		423.610	-10.136	44.510	34.374	-11.626	46.000	QUASIPEAK
6		599.620	-6.593	42.180	35.587	-10.413	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 : 2010/09/21 - 18:23**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2437MHz)**

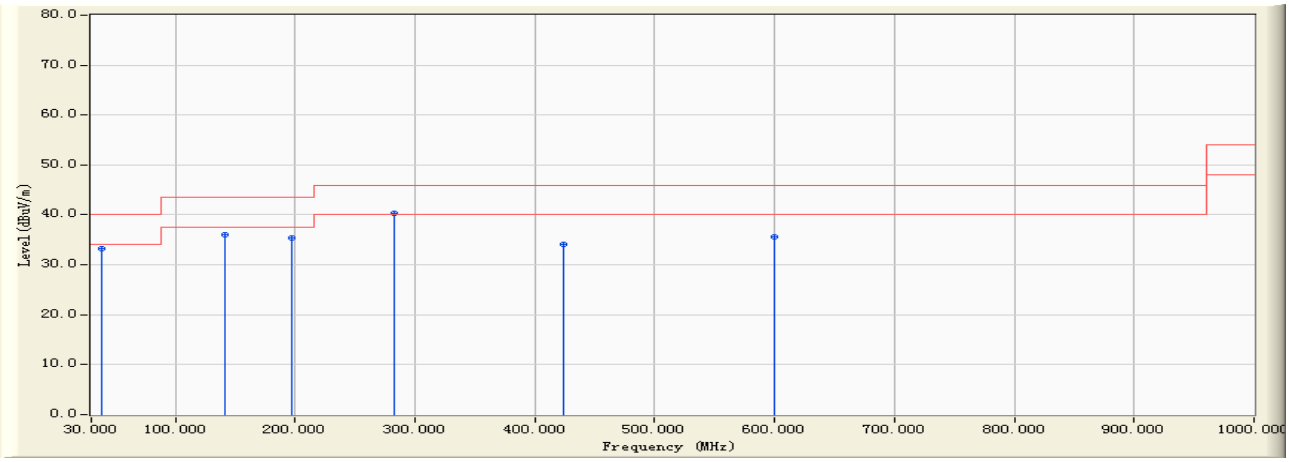


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		187.460	-17.633	53.160	35.527	-7.973	43.500	QUASIPEAK
2	*	282.350	-13.665	52.930	39.265	-6.735	46.000	QUASIPEAK
3		355.160	-11.668	50.170	38.502	-7.498	46.000	QUASIPEAK
4		423.650	-10.135	44.620	34.484	-11.516	46.000	QUASIPEAK
5		670.520	-5.513	40.150	34.636	-11.364	46.000	QUASIPEAK
6		917.320	-0.650	36.120	35.470	-10.530	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 : 2010/09/21 - 18:24**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2437MHz)**

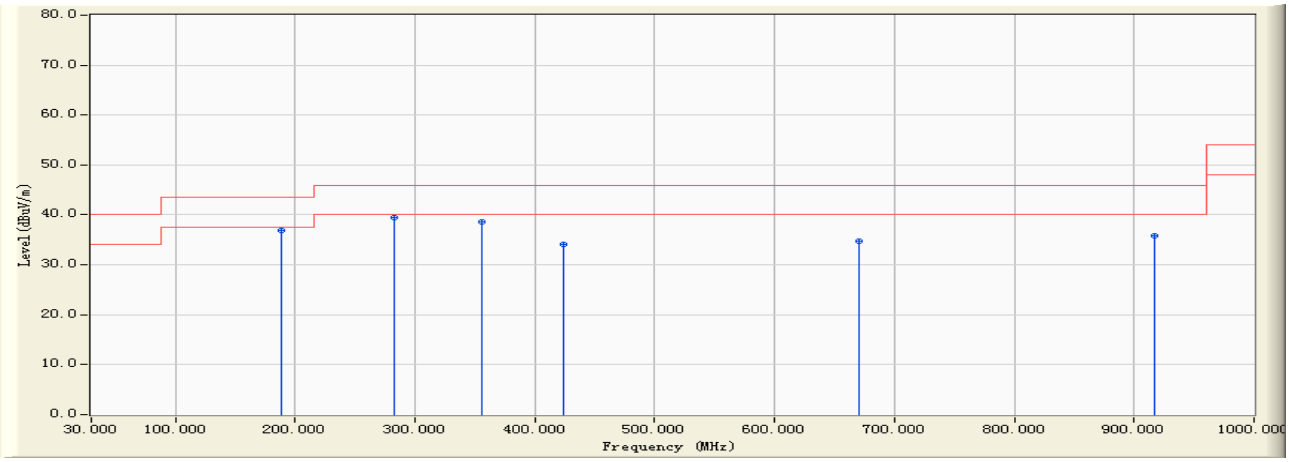


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		38.620	-12.377	45.610	33.233	-6.767	40.000	QUASIPEAK
2		141.350	-17.595	53.610	36.015	-7.485	43.500	QUASIPEAK
3		197.530	-17.769	53.160	35.391	-8.109	43.500	QUASIPEAK
4	*	282.340	-13.666	53.890	40.224	-5.776	46.000	QUASIPEAK
5		423.510	-10.137	44.180	34.043	-11.957	46.000	QUASIPEAK
6		599.620	-6.593	42.180	35.587	-10.413	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 : 2010/09/21 - 18:25**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2462MHz)**

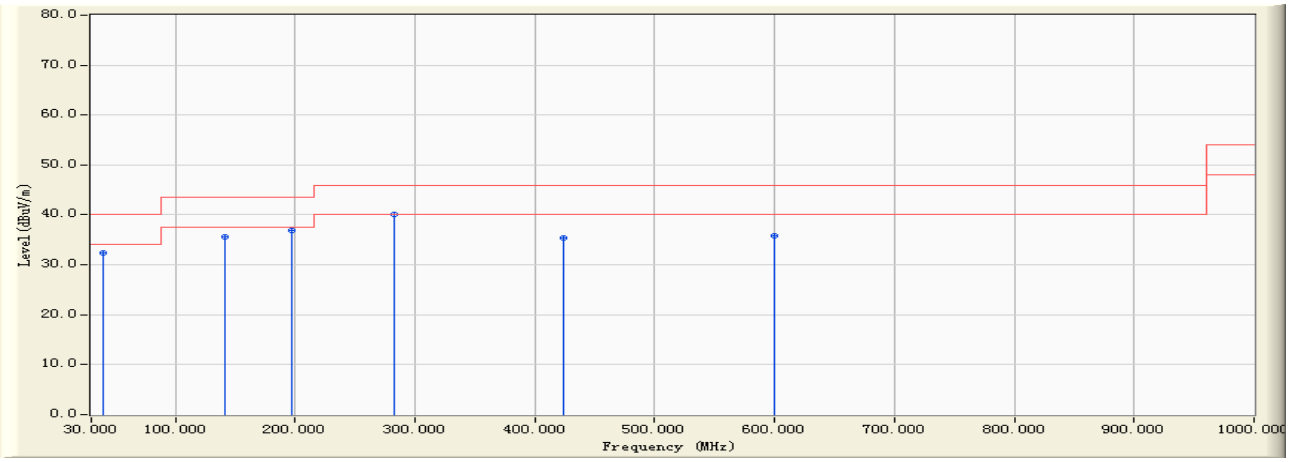


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		188.630	-17.722	54.670	36.947	-6.553	43.500	QUASIPEAK
2	*	282.360	-13.664	53.170	39.505	-6.495	46.000	QUASIPEAK
3		355.690	-11.624	50.170	38.545	-7.455	46.000	QUASIPEAK
4		423.650	-10.135	44.150	34.014	-11.986	46.000	QUASIPEAK
5		670.530	-5.513	40.340	34.827	-11.173	46.000	QUASIPEAK
6		916.450	-0.658	36.510	35.852	-10.148	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 : 2010/09/21 - 18:26**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2462MHz)**

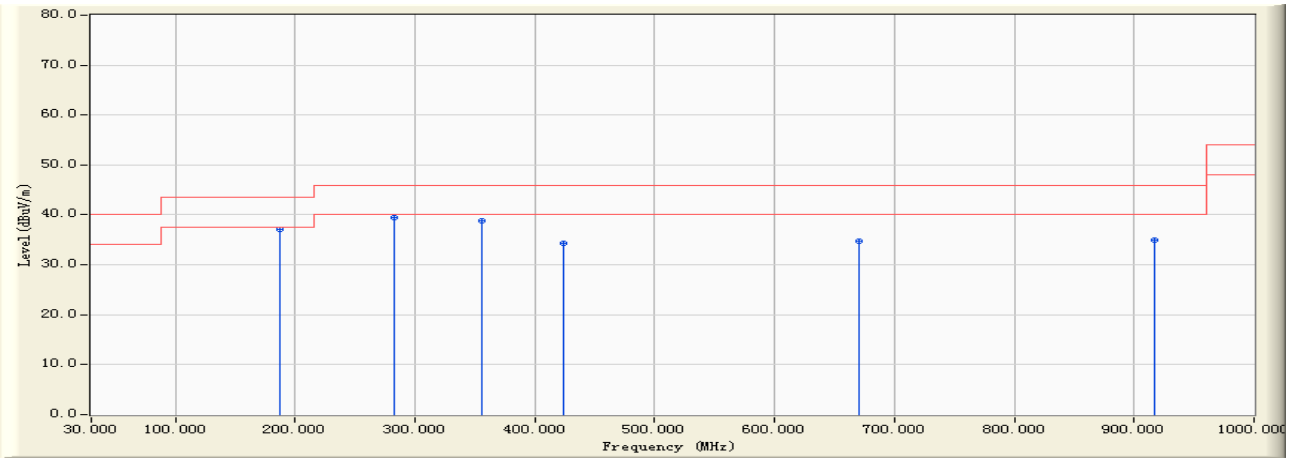


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		39.620	-12.936	45.250	32.314	-7.686	40.000	QUASIPEAK
2		141.350	-17.595	53.140	35.545	-7.955	43.500	QUASIPEAK
3		197.620	-17.766	54.630	36.864	-6.636	43.500	QUASIPEAK
4	*	282.610	-13.658	53.860	40.202	-5.798	46.000	QUASIPEAK
5		423.650	-10.135	45.610	35.474	-10.526	46.000	QUASIPEAK
6		599.610	-6.593	42.510	35.917	-10.083	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 : 2010/09/21 - 18:27**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2422MHz)**

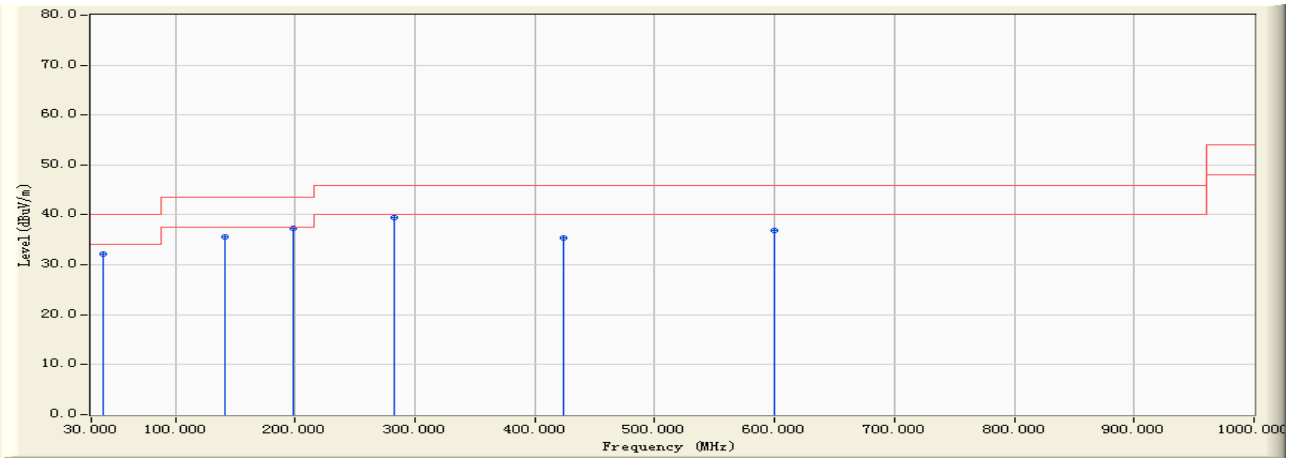


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	187.620	-17.644	54.680	37.036	-6.464	43.500	QUASIPEAK
2		282.610	-13.658	53.170	39.512	-6.488	46.000	QUASIPEAK
3		355.610	-11.631	50.410	38.779	-7.221	46.000	QUASIPEAK
4		423.640	-10.136	44.370	34.234	-11.766	46.000	QUASIPEAK
5		670.510	-5.513	40.350	34.836	-11.164	46.000	QUASIPEAK
6		916.740	-0.654	35.620	34.967	-11.033	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 : 2010/09/21 - 18:28**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2422MHz)**

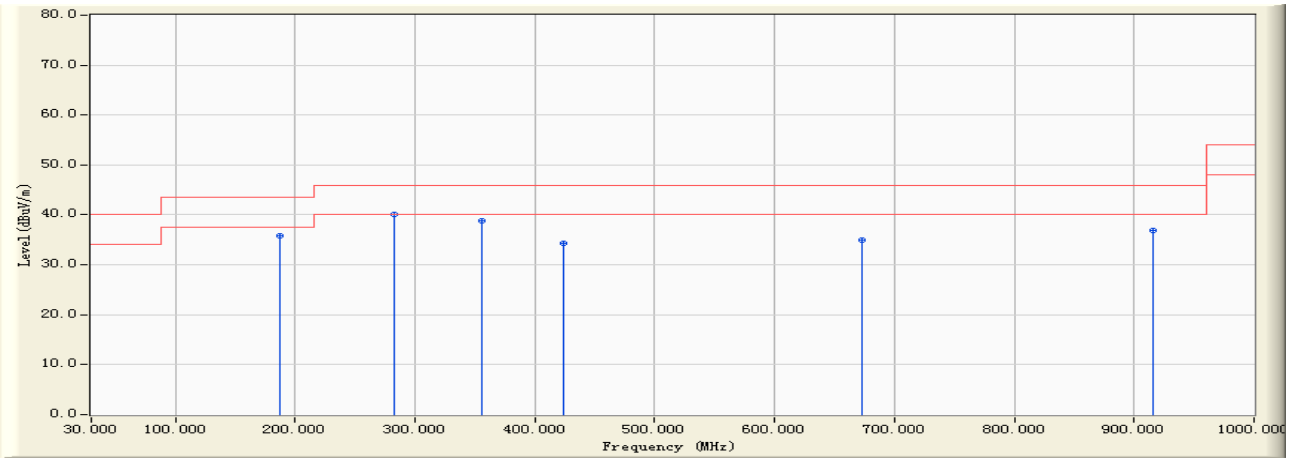


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		39.620	-12.936	45.120	32.184	-7.816	40.000	QUASIPEAK
2		141.320	-17.595	53.140	35.545	-7.955	43.500	QUASIPEAK
3	*	198.620	-17.735	55.130	37.395	-6.105	43.500	QUASIPEAK
4		282.340	-13.666	53.140	39.474	-6.526	46.000	QUASIPEAK
5		423.640	-10.136	45.610	35.474	-10.526	46.000	QUASIPEAK
6		599.640	-6.593	43.510	36.917	-9.083	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 : 2010/09/21 - 18:29**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2437MHz)**

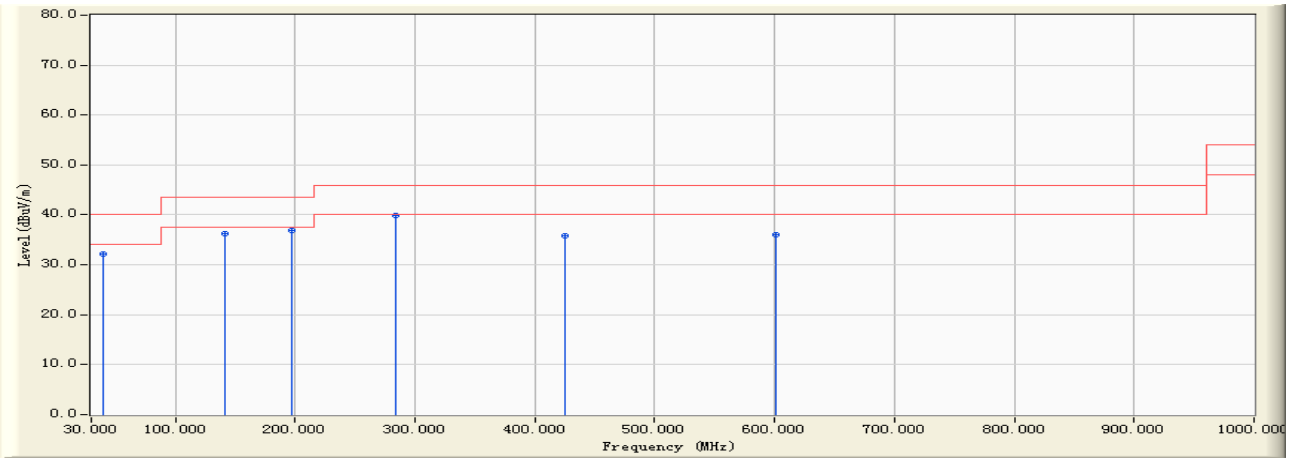


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		187.620	-17.644	53.410	35.766	-7.734	43.500	QUASIPEAK
2	*	282.340	-13.666	53.870	40.204	-5.796	46.000	QUASIPEAK
3		356.430	-11.569	50.340	38.771	-7.229	46.000	QUASIPEAK
4		423.610	-10.136	44.510	34.374	-11.626	46.000	QUASIPEAK
5		672.350	-5.450	40.340	34.890	-11.110	46.000	QUASIPEAK
6		916.340	-0.660	37.610	36.949	-9.051	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 : 2010/09/21 - 18:30**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2437MHz)**

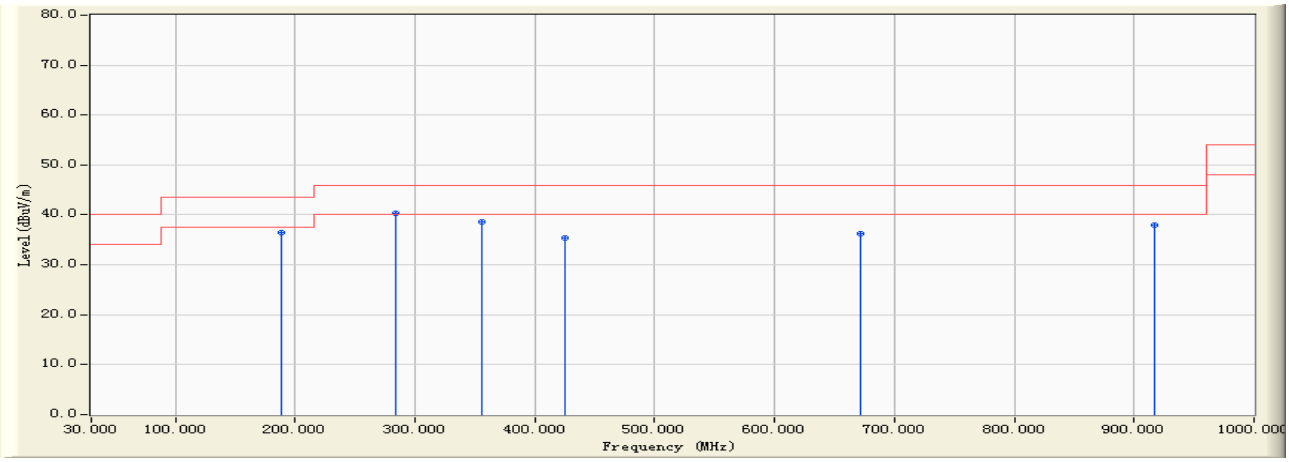


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		39.620	-12.936	45.170	32.234	-7.766	40.000	QUASIPEAK
2		141.320	-17.595	53.840	36.245	-7.255	43.500	QUASIPEAK
3		197.620	-17.766	54.630	36.864	-6.636	43.500	QUASIPEAK
4	*	283.610	-13.632	53.620	39.988	-6.012	46.000	QUASIPEAK
5		424.610	-10.134	45.870	35.736	-10.264	46.000	QUASIPEAK
6		601.350	-6.660	42.610	35.950	-10.050	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 : 2010/09/21 - 18:31**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2452MHz)**

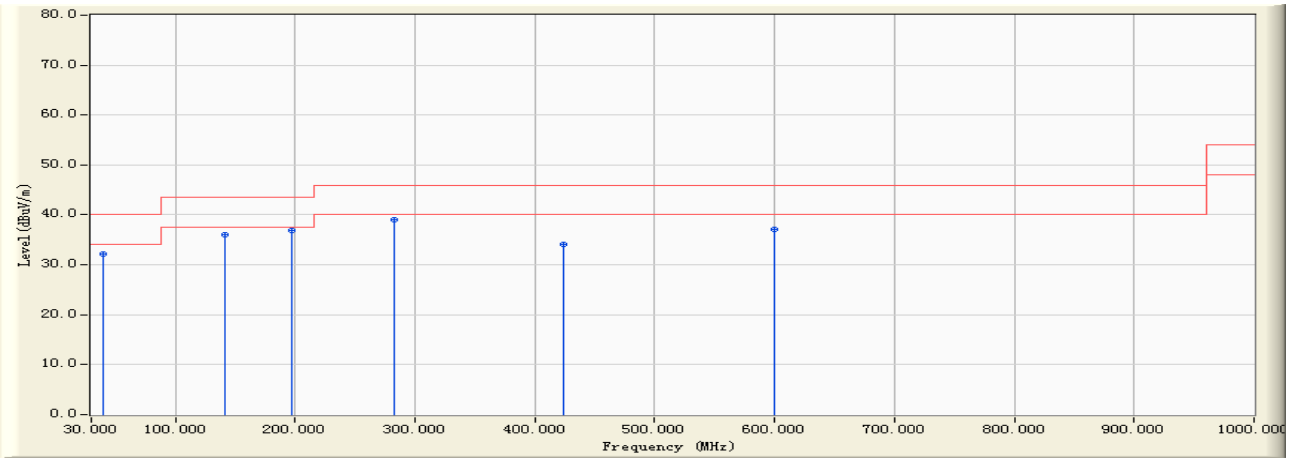


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		188.630	-17.722	54.190	36.467	-7.033	43.500	QUASIPEAK
2	*	283.460	-13.635	53.870	40.235	-5.765	46.000	QUASIPEAK
3		356.120	-11.592	50.140	38.549	-7.451	46.000	QUASIPEAK
4		424.610	-10.134	45.610	35.476	-10.524	46.000	QUASIPEAK
5		671.320	-5.489	41.640	36.151	-9.849	46.000	QUASIPEAK
6		917.130	-0.651	38.610	37.959	-8.041	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 : 2010/09/21 - 18:32**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2452MHz)**

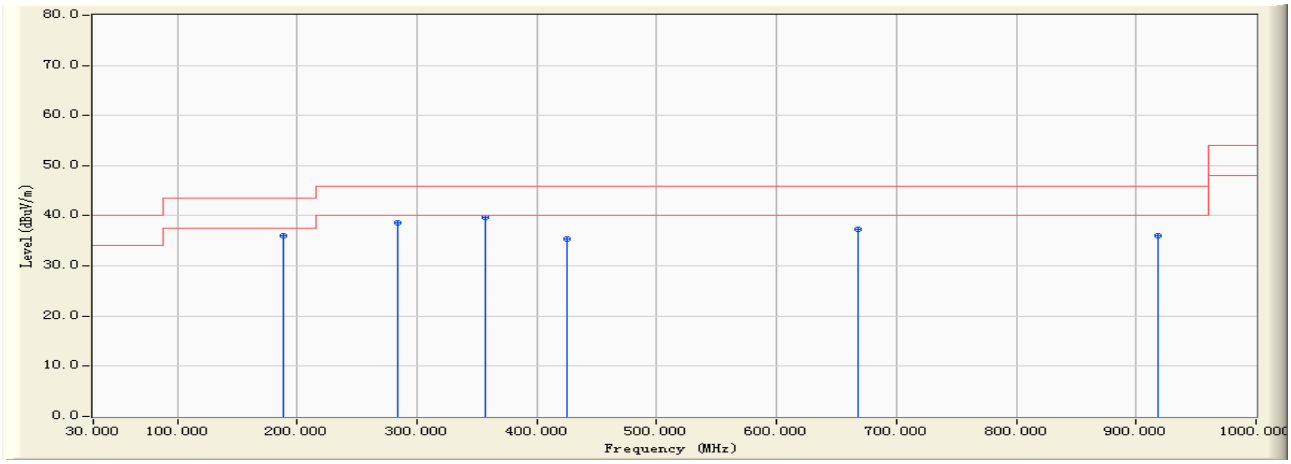


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		40.390	-13.356	45.620	32.264	-7.736	40.000	QUASIPEAK
2		141.320	-17.595	53.610	36.015	-7.485	43.500	QUASIPEAK
3	*	197.620	-17.766	54.620	36.854	-6.646	43.500	QUASIPEAK
4		282.610	-13.658	52.730	39.072	-6.928	46.000	QUASIPEAK
5		423.570	-10.137	44.310	34.173	-11.827	46.000	QUASIPEAK
6		600.310	-6.598	43.610	37.012	-8.988	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:00**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2412MHz)**

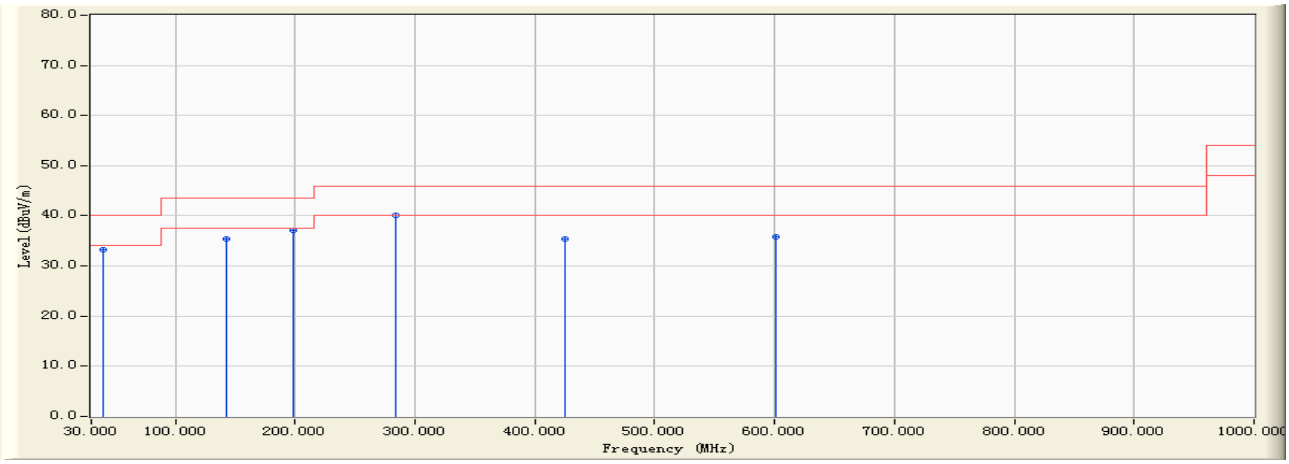


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		188.630	-15.327	51.460	36.132	-7.368	43.500	QUASIPEAK
2		283.540	-11.470	50.180	38.710	-7.290	46.000	QUASIPEAK
3	*	356.470	-8.941	48.530	39.589	-6.411	46.000	QUASIPEAK
4		424.780	-6.845	42.180	35.335	-10.665	46.000	QUASIPEAK
5		668.590	-1.147	38.420	37.273	-8.727	46.000	QUASIPEAK
6		918.340	3.376	32.570	35.946	-10.054	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:01**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2412MHz)**

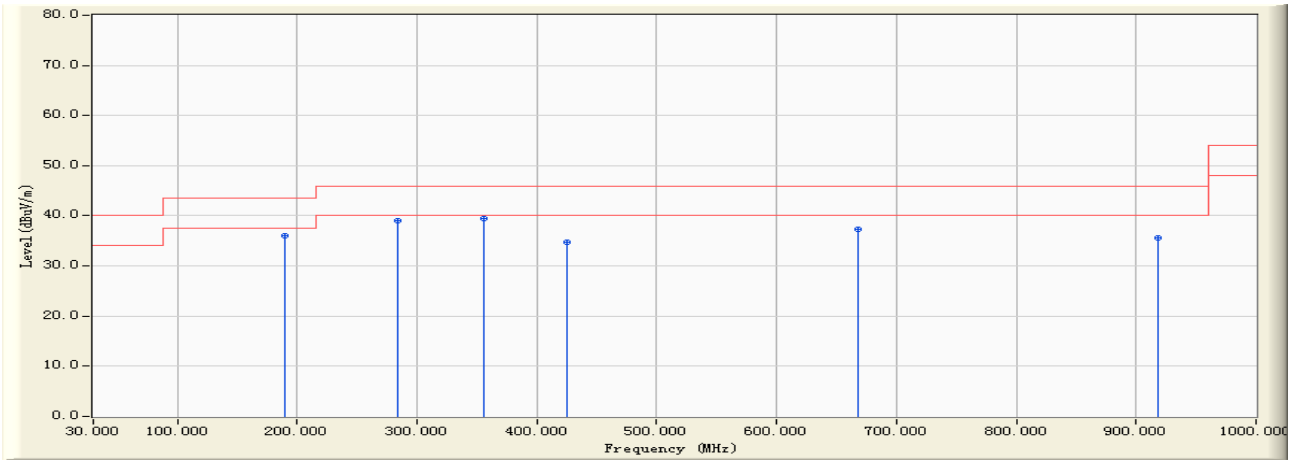


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		39.640	-10.230	43.570	33.340	-6.660	40.000	QUASIPEAK
2		142.580	-15.028	50.340	35.312	-8.188	43.500	QUASIPEAK
3		198.530	-15.445	52.570	37.125	-6.375	43.500	QUASIPEAK
4	*	283.540	-11.470	51.590	40.120	-5.880	46.000	QUASIPEAK
5		424.630	-6.850	42.170	35.321	-10.679	46.000	QUASIPEAK
6		601.570	-2.684	38.570	35.886	-10.114	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:02**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2437MHz)**

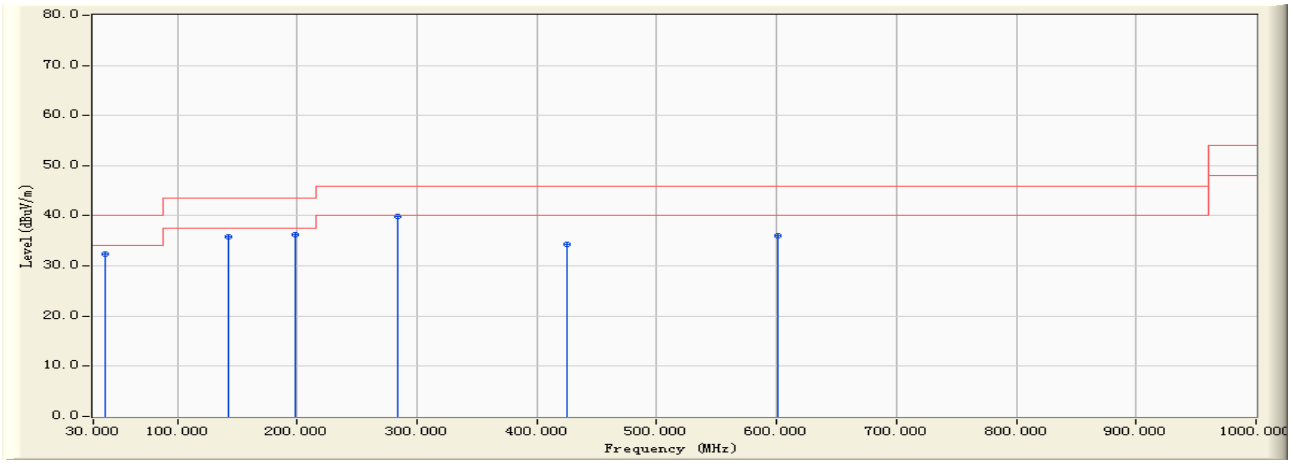


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		189.560	-15.405	51.360	35.955	-7.545	43.500	QUASIPEAK
2		283.570	-11.469	50.460	38.991	-7.009	46.000	QUASIPEAK
3	*	356.240	-8.960	48.330	39.371	-6.629	46.000	QUASIPEAK
4		424.570	-6.851	41.560	34.709	-11.291	46.000	QUASIPEAK
5		668.590	-1.147	38.520	37.373	-8.627	46.000	QUASIPEAK
6		918.340	3.376	32.150	35.526	-10.474	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:02**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2437MHz)**

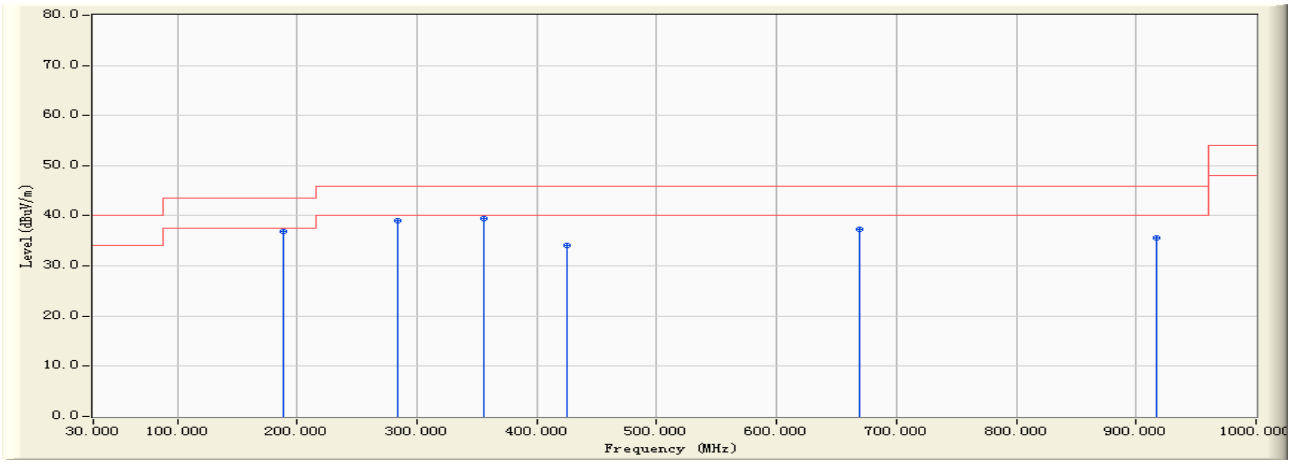


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		39.650	-10.236	42.570	32.335	-7.665	40.000	QUASIPEAK
2		142.330	-15.021	50.840	35.819	-7.681	43.500	QUASIPEAK
3		198.360	-15.449	51.670	36.221	-7.279	43.500	QUASIPEAK
4	*	283.550	-11.470	51.450	39.981	-6.019	46.000	QUASIPEAK
5		424.590	-6.850	41.060	34.209	-11.791	46.000	QUASIPEAK
6		601.570	-2.684	38.620	35.936	-10.064	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:04**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2462MHz)**

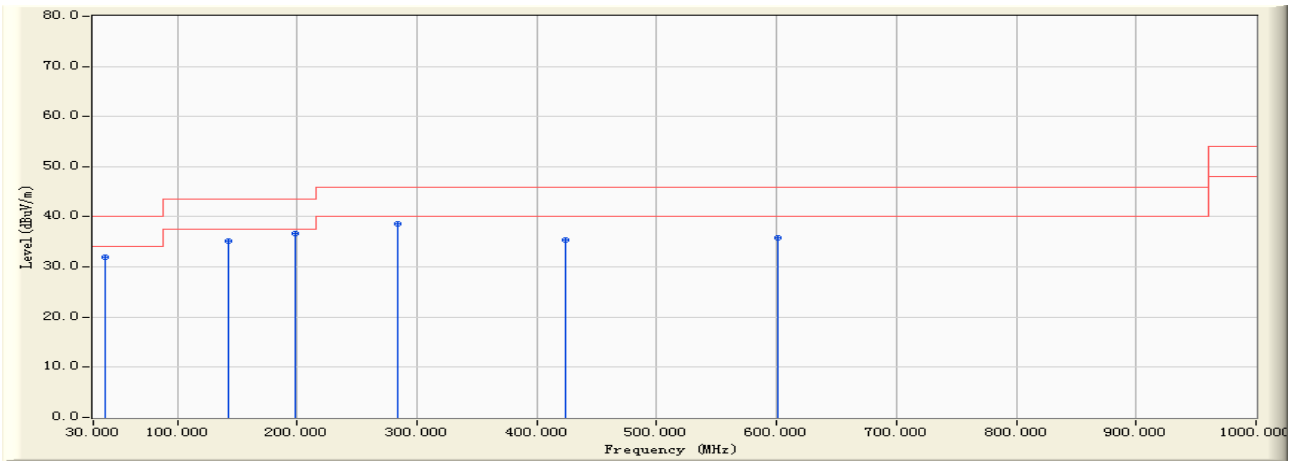


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		188.630	-15.327	52.140	36.812	-6.688	43.500	QUASIPEAK
2		283.460	-11.472	50.560	39.088	-6.912	46.000	QUASIPEAK
3	*	356.140	-8.968	48.340	39.372	-6.628	46.000	QUASIPEAK
4		424.570	-6.851	41.060	34.209	-11.791	46.000	QUASIPEAK
5		668.950	-1.162	38.510	37.348	-8.652	46.000	QUASIPEAK
6		917.340	3.417	32.160	35.577	-10.423	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:05**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2462MHz)**

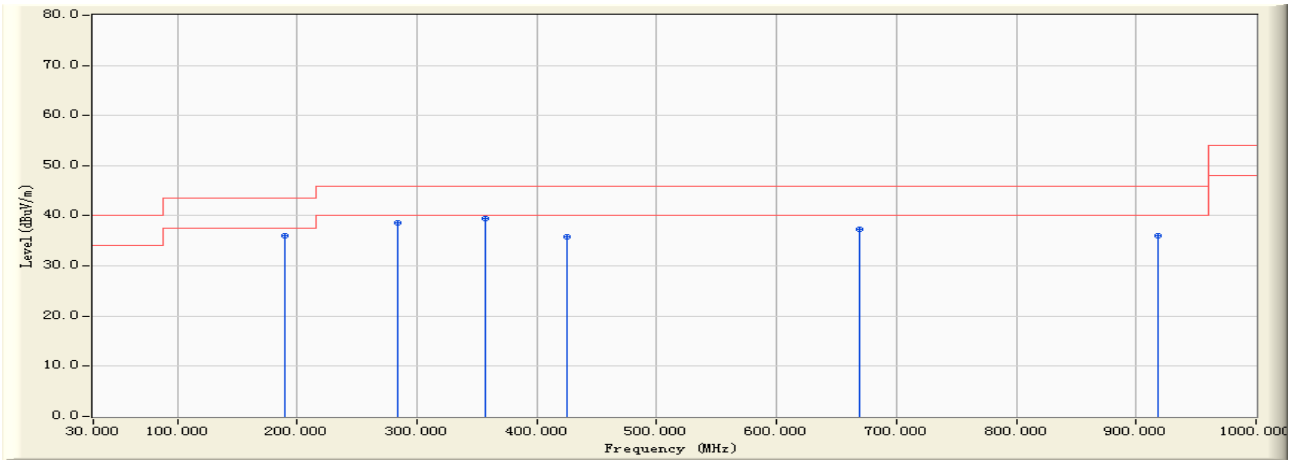


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		40.350	-10.614	42.580	31.966	-8.034	40.000	QUASIPEAK
2		142.370	-15.022	50.290	35.268	-8.232	43.500	QUASIPEAK
3	*	198.620	-15.443	52.160	36.717	-6.783	43.500	QUASIPEAK
4		283.540	-11.470	50.180	38.710	-7.290	46.000	QUASIPEAK
5		424.560	-6.851	42.180	35.329	-10.671	46.000	QUASIPEAK
6		601.350	-2.680	38.540	35.861	-10.139	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:06**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2422MHz)**

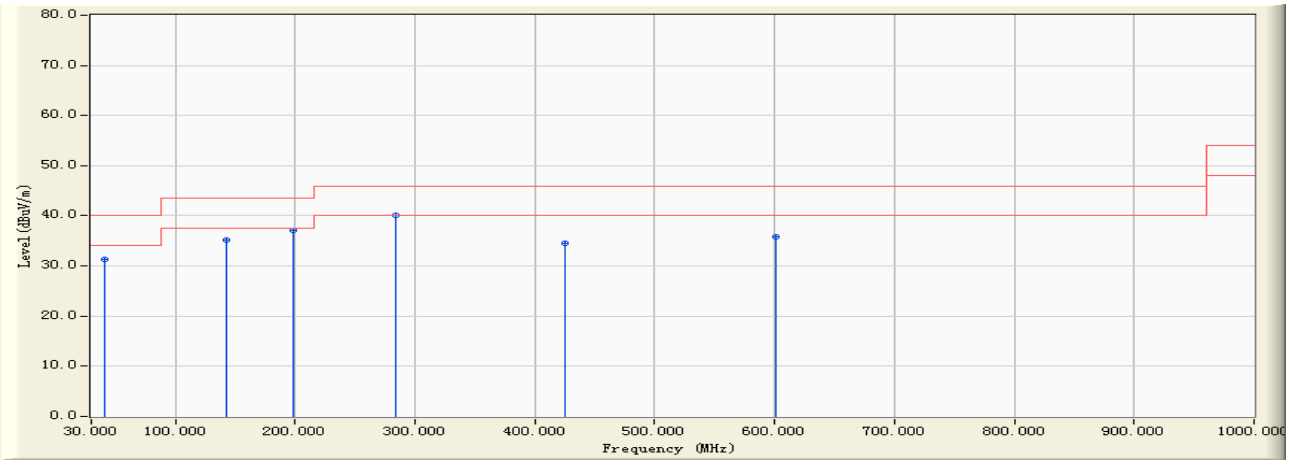


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		189.630	-15.411	51.490	36.079	-7.421	43.500	QUASIPEAK
2		283.620	-11.468	50.180	38.713	-7.287	46.000	QUASIPEAK
3	*	356.490	-8.939	48.340	39.401	-6.599	46.000	QUASIPEAK
4		425.610	-6.828	42.570	35.742	-10.258	46.000	QUASIPEAK
5		668.950	-1.162	38.540	37.378	-8.622	46.000	QUASIPEAK
6		918.340	3.376	32.570	35.946	-10.054	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:07**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2422MHz)**

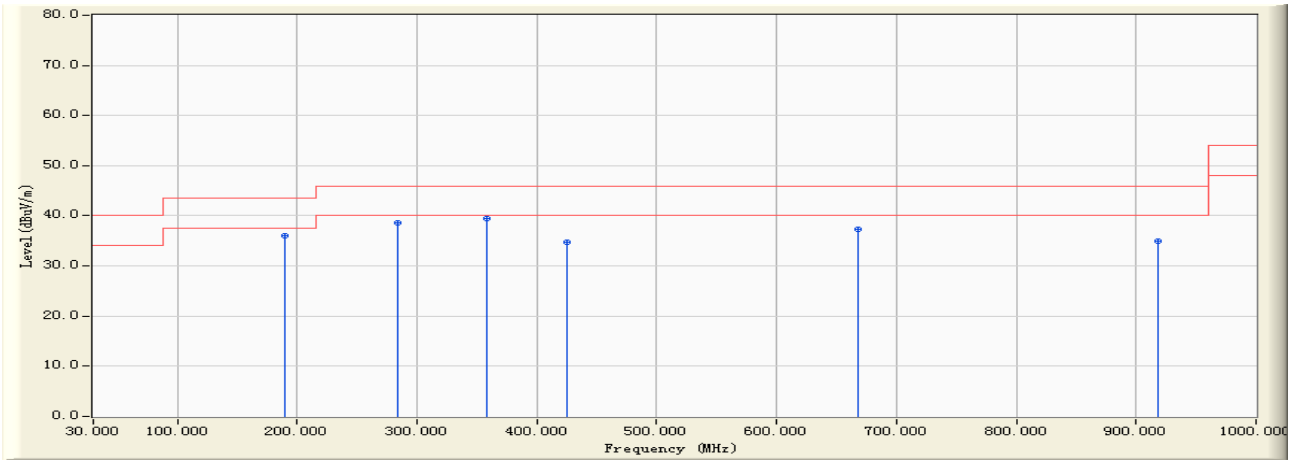


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		41.630	-11.307	42.570	31.263	-8.737	40.000	QUASIPEAK
2		142.360	-15.022	50.170	35.149	-8.351	43.500	QUASIPEAK
3		198.350	-15.449	52.480	37.031	-6.469	43.500	QUASIPEAK
4	*	283.540	-11.470	51.480	40.010	-5.990	46.000	QUASIPEAK
5		425.680	-6.826	41.350	34.524	-11.476	46.000	QUASIPEAK
6		601.590	-2.684	38.540	35.856	-10.144	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:07**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2437MHz)**

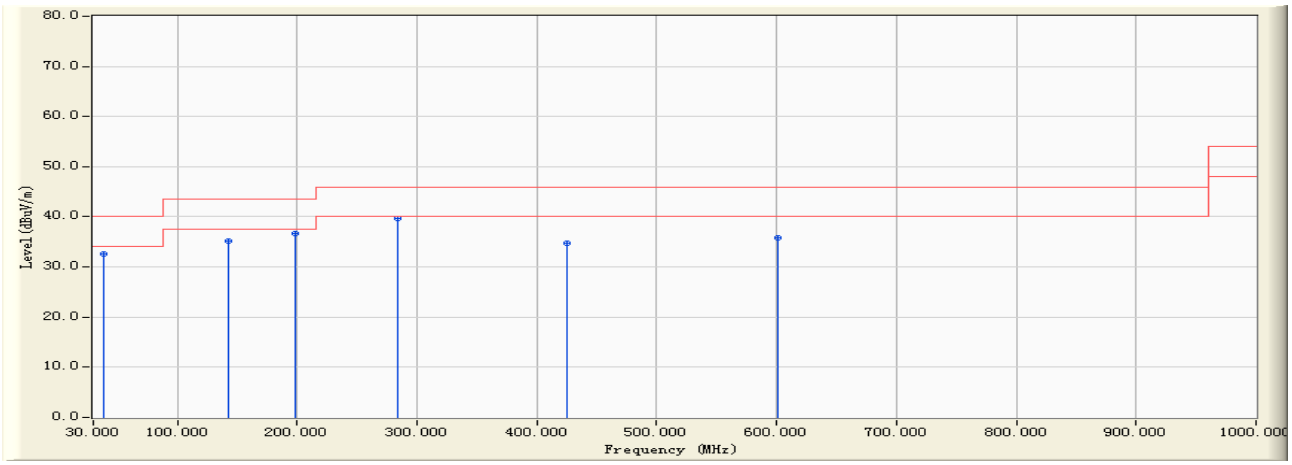


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		189.630	-15.411	51.340	35.929	-7.571	43.500	QUASIPEAK
2		283.650	-11.467	50.170	38.704	-7.296	46.000	QUASIPEAK
3	*	358.630	-8.841	48.350	39.509	-6.491	46.000	QUASIPEAK
4		425.310	-6.834	41.570	34.736	-11.264	46.000	QUASIPEAK
5		668.560	-1.145	38.560	37.415	-8.585	46.000	QUASIPEAK
6		918.340	3.376	31.540	34.916	-11.084	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 AC102	**Time : 2010/09/26 - 15:08**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2437MHz)**

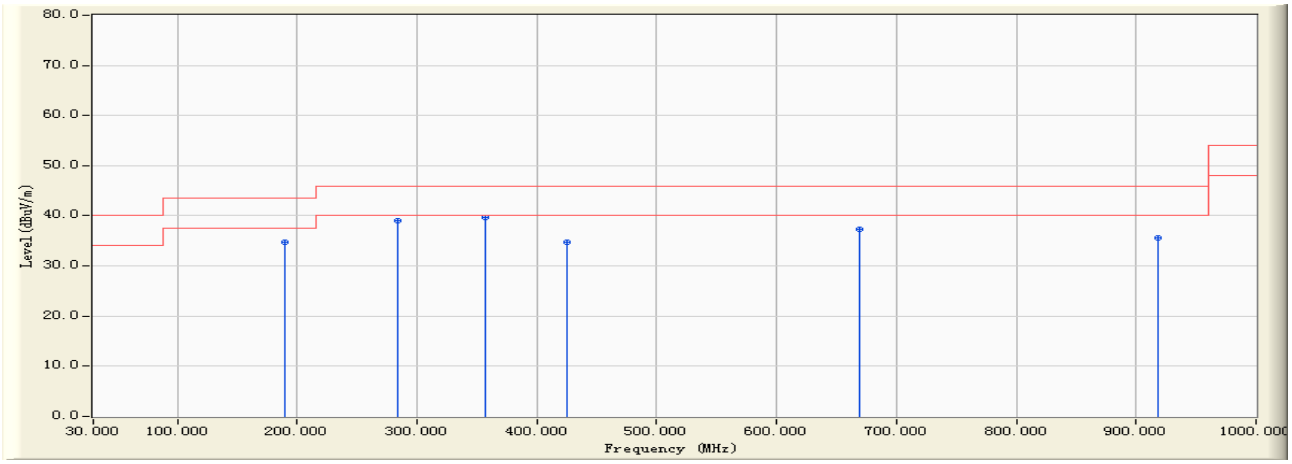


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		38.520	-9.636	42.180	32.544	-7.456	40.000	QUASIPEAK
2		142.360	-15.022	50.180	35.159	-8.341	43.500	QUASIPEAK
3		198.530	-15.445	52.180	36.735	-6.765	43.500	QUASIPEAK
4	*	283.540	-11.470	51.240	39.770	-6.230	46.000	QUASIPEAK
5		424.650	-6.848	41.570	34.721	-11.279	46.000	QUASIPEAK
6		601.250	-2.677	38.600	35.924	-10.076	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:09**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2452MHz)**

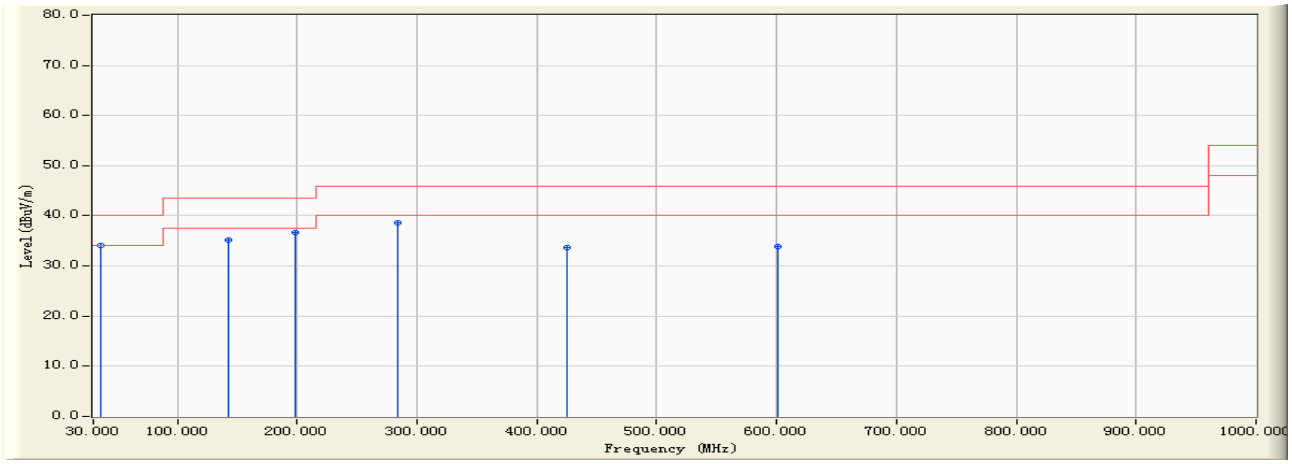


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		189.630	-15.411	50.240	34.829	-8.671	43.500	QUASIPEAK
2		283.540	-11.470	50.490	39.020	-6.980	46.000	QUASIPEAK
3	*	356.540	-8.935	48.630	39.695	-6.305	46.000	QUASIPEAK
4		424.570	-6.851	41.570	34.719	-11.281	46.000	QUASIPEAK
5		668.950	-1.162	38.510	37.348	-8.652	46.000	QUASIPEAK
6		918.630	3.362	32.150	35.512	-10.488	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:10**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2452MHz)**

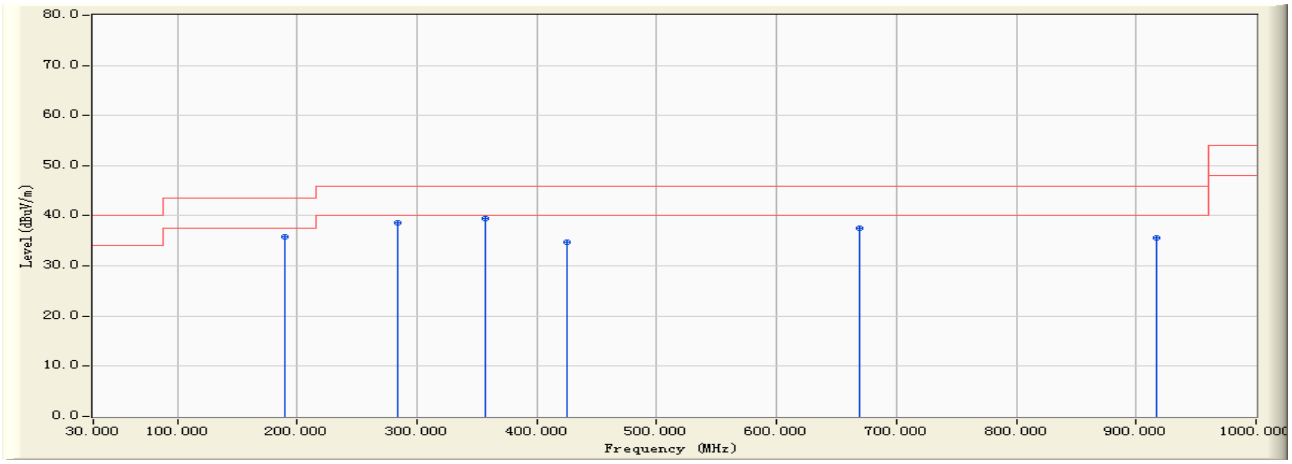


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	36.530	-8.624	42.650	34.027	-5.973	40.000	QUASIPEAK
2		142.360	-15.022	50.150	35.129	-8.371	43.500	QUASIPEAK
3		198.530	-15.445	52.150	36.705	-6.795	43.500	QUASIPEAK
4		283.650	-11.467	50.140	38.674	-7.326	46.000	QUASIPEAK
5		424.650	-6.848	40.580	33.731	-12.269	46.000	QUASIPEAK
6		601.250	-2.677	36.590	33.914	-12.086	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:11**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)**

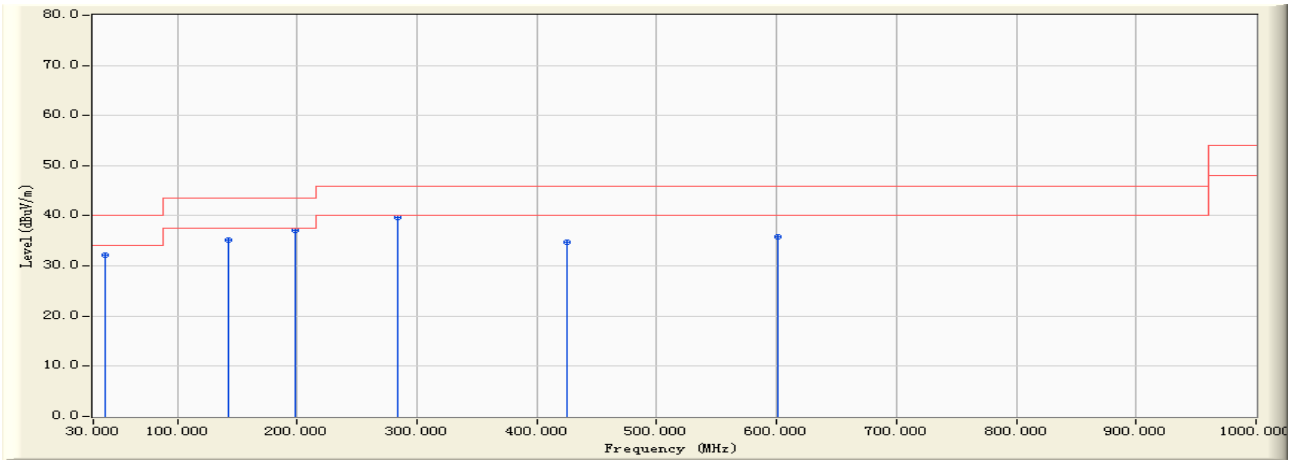


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		189.360	-15.387	51.180	35.793	-7.707	43.500	QUASIPEAK
2		283.620	-11.468	50.180	38.713	-7.287	46.000	QUASIPEAK
3	*	356.960	-8.903	48.350	39.447	-6.553	46.000	QUASIPEAK
4		425.630	-6.827	41.570	34.743	-11.257	46.000	QUASIPEAK
5		668.950	-1.162	38.650	37.488	-8.512	46.000	QUASIPEAK
6		917.350	3.417	32.150	35.567	-10.433	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:11**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)**

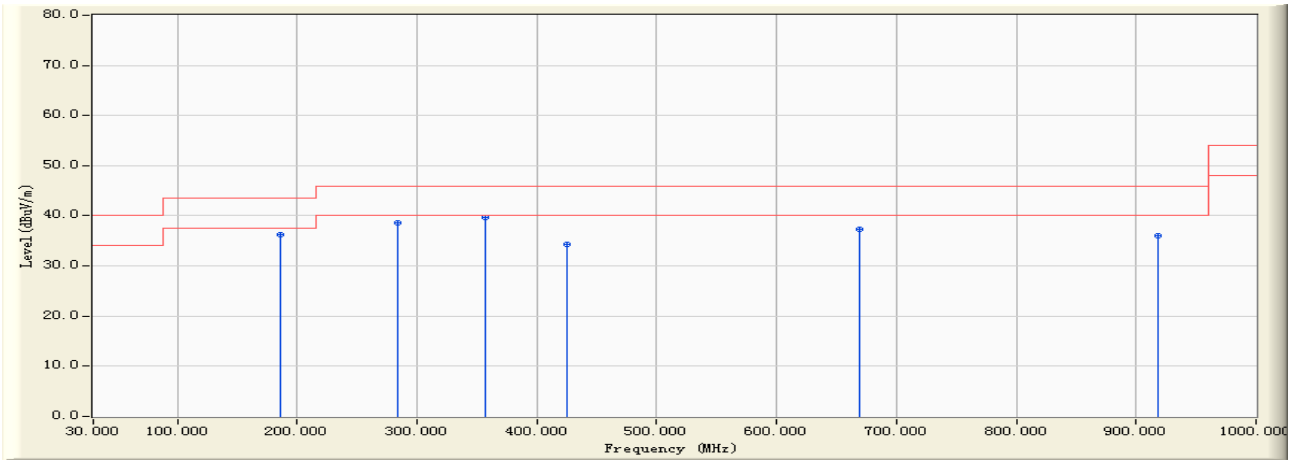


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		40.260	-10.565	42.680	32.115	-7.885	40.000	QUASIPEAK
2		142.330	-15.021	50.180	35.159	-8.341	43.500	QUASIPEAK
3	*	198.540	-15.445	52.640	37.195	-6.305	43.500	QUASIPEAK
4		283.590	-11.468	51.140	39.672	-6.328	46.000	QUASIPEAK
5		425.680	-6.826	41.560	34.734	-11.266	46.000	QUASIPEAK
6		601.530	-2.683	38.540	35.857	-10.143	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:12**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)**

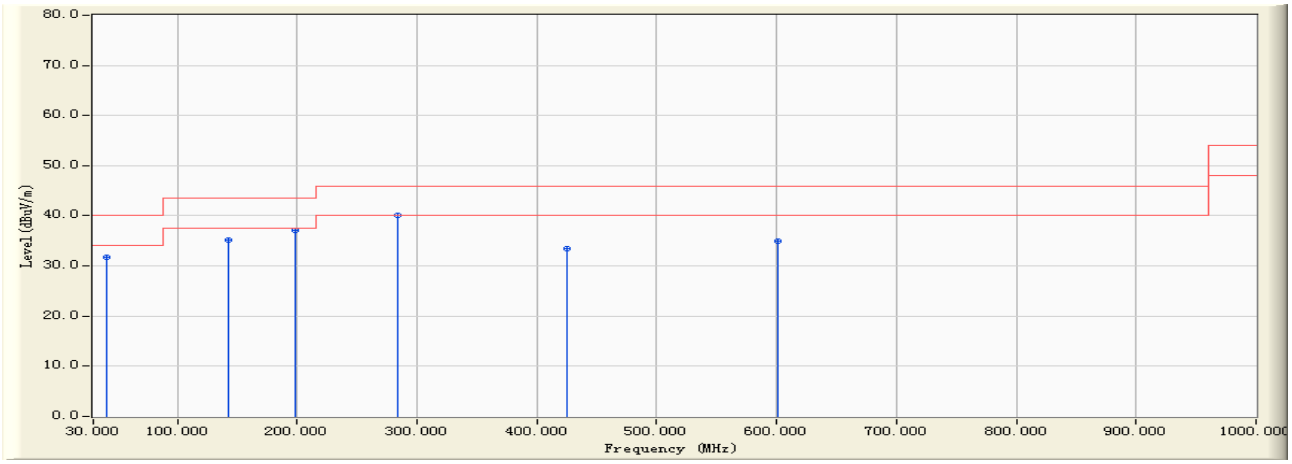


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		186.630	-15.177	51.460	36.283	-7.217	43.500	QUASIPEAK
2		283.540	-11.470	50.180	38.710	-7.290	46.000	QUASIPEAK
3	*	356.980	-8.901	48.560	39.658	-6.342	46.000	QUASIPEAK
4		424.570	-6.851	41.260	34.409	-11.591	46.000	QUASIPEAK
5		668.950	-1.162	38.510	37.348	-8.652	46.000	QUASIPEAK
6		918.340	3.376	32.560	35.936	-10.064	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:13**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)**

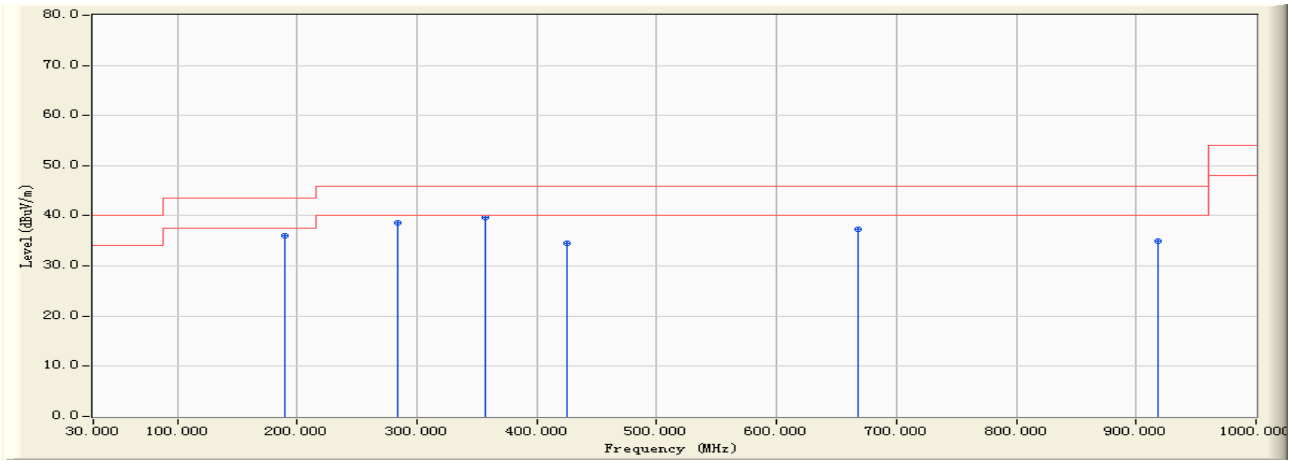


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		40.630	-10.766	42.510	31.744	-8.256	40.000	QUASIPEAK
2		142.360	-15.022	50.140	35.119	-8.381	43.500	QUASIPEAK
3		198.630	-15.443	52.510	37.067	-6.433	43.500	QUASIPEAK
4	*	283.690	-11.465	51.480	40.015	-5.985	46.000	QUASIPEAK
5		425.610	-6.828	40.180	33.352	-12.648	46.000	QUASIPEAK
6		601.570	-2.684	37.650	34.966	-11.034	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 AC102	**Time : 2010/09/26 - 15:13**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)**

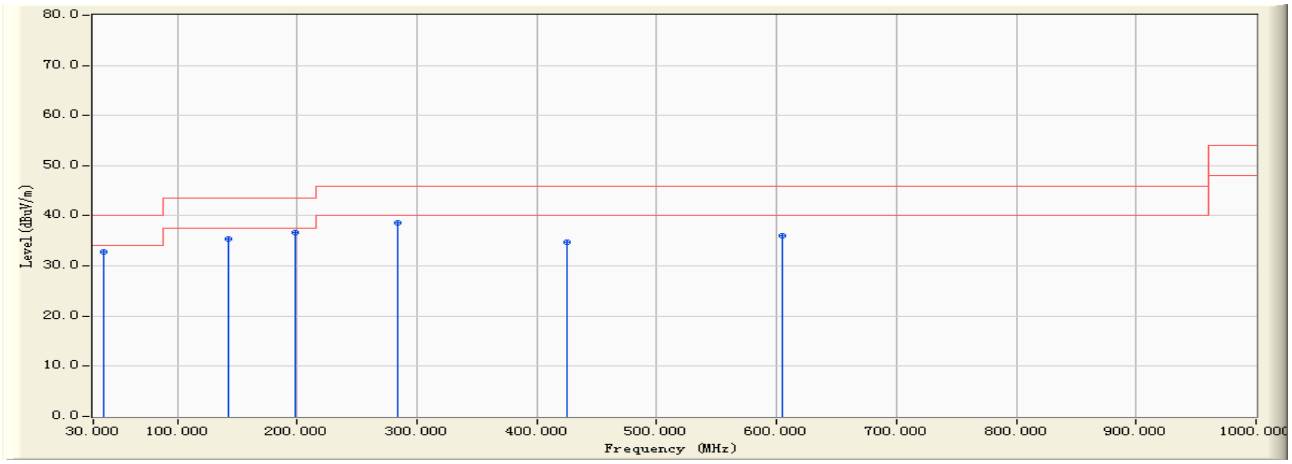


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		189.630	-15.411	51.540	36.129	-7.371	43.500	QUASIPEAK
2		283.540	-11.470	50.100	38.630	-7.370	46.000	QUASIPEAK
3	*	356.990	-8.901	48.510	39.609	-6.391	46.000	QUASIPEAK
4		425.630	-6.827	41.290	34.463	-11.537	46.000	QUASIPEAK
5		668.530	-1.144	38.510	37.366	-8.634	46.000	QUASIPEAK
6		918.630	3.362	31.570	34.932	-11.068	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:14**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)**

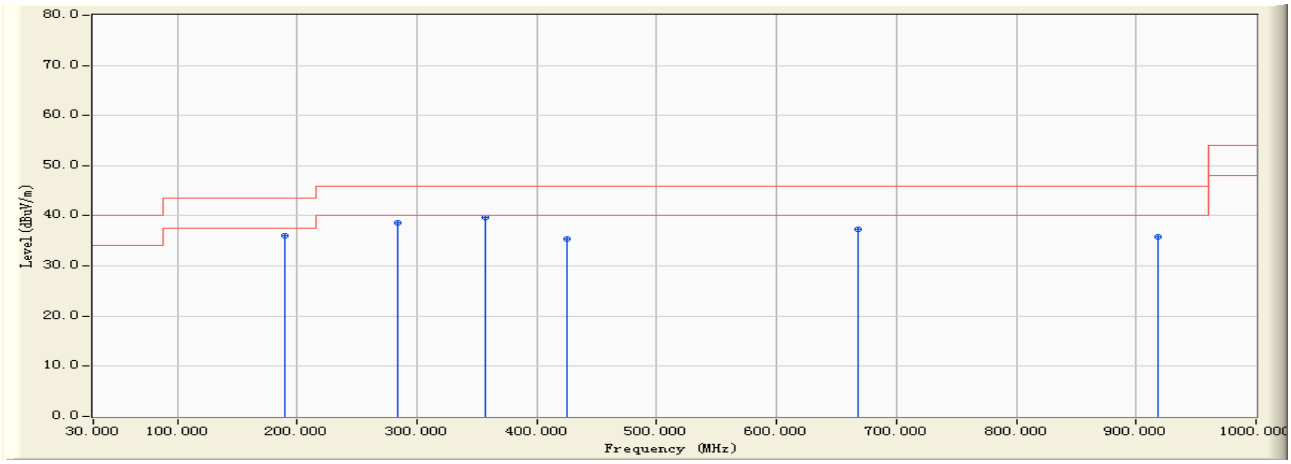


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		38.650	-9.703	42.570	32.868	-7.132	40.000	QUASIPEAK
2		142.350	-15.021	50.490	35.469	-8.031	43.500	QUASIPEAK
3	*	198.350	-15.449	52.140	36.691	-6.809	43.500	QUASIPEAK
4		283.540	-11.470	50.180	38.710	-7.290	46.000	QUASIPEAK
5		425.510	-6.830	41.570	34.740	-11.260	46.000	QUASIPEAK
6		604.350	-2.571	38.590	36.018	-9.982	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:15**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)**

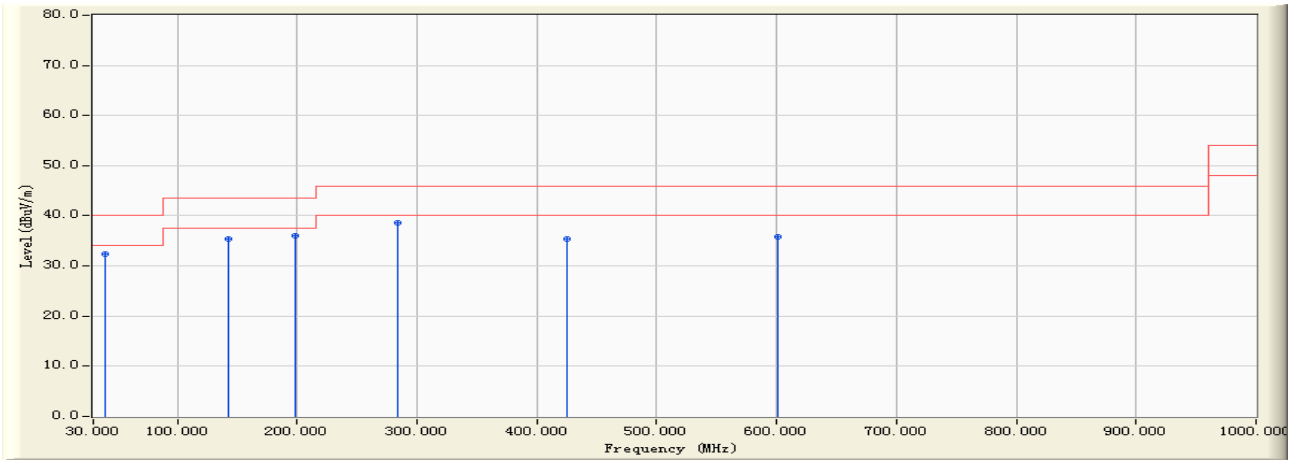


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		189.630	-15.411	51.540	36.129	-7.371	43.500	QUASIPEAK
2		283.570	-11.469	50.180	38.711	-7.289	46.000	QUASIPEAK
3	*	356.950	-8.903	48.560	39.657	-6.343	46.000	QUASIPEAK
4		424.570	-6.851	42.150	35.299	-10.701	46.000	QUASIPEAK
5		668.590	-1.147	38.510	37.363	-8.637	46.000	QUASIPEAK
6		918.430	3.373	32.513	35.885	-10.115	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:16**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)**

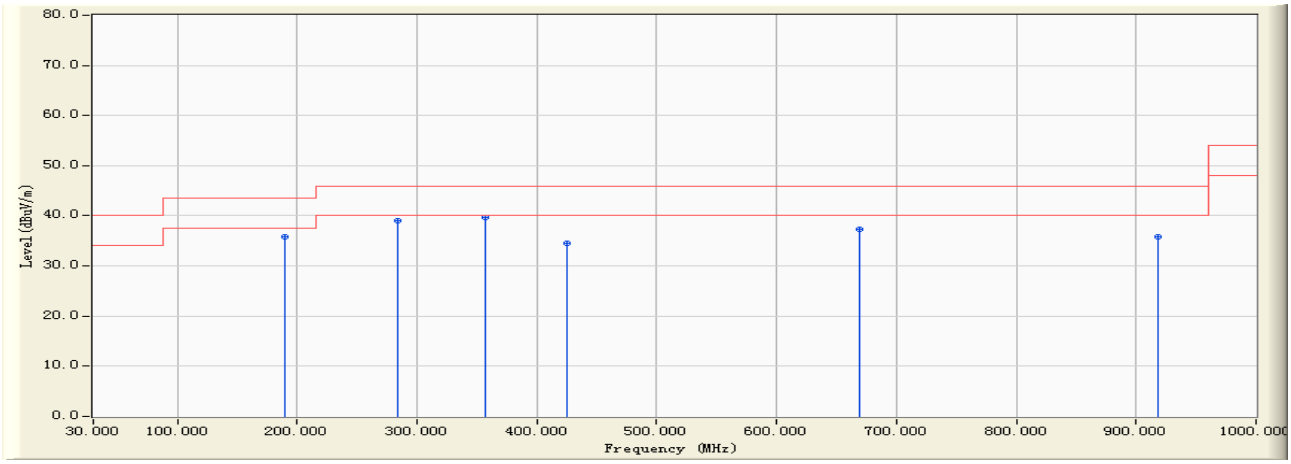


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		39.620	-10.219	42.570	32.351	-7.649	40.000	QUASIPEAK
2		142.530	-15.027	50.460	35.433	-8.067	43.500	QUASIPEAK
3		198.350	-15.449	51.540	36.091	-7.409	43.500	QUASIPEAK
4	*	283.590	-11.468	50.140	38.672	-7.328	46.000	QUASIPEAK
5		425.650	-6.827	42.180	35.353	-10.647	46.000	QUASIPEAK
6		601.570	-2.684	38.540	35.856	-10.144	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:17**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)**

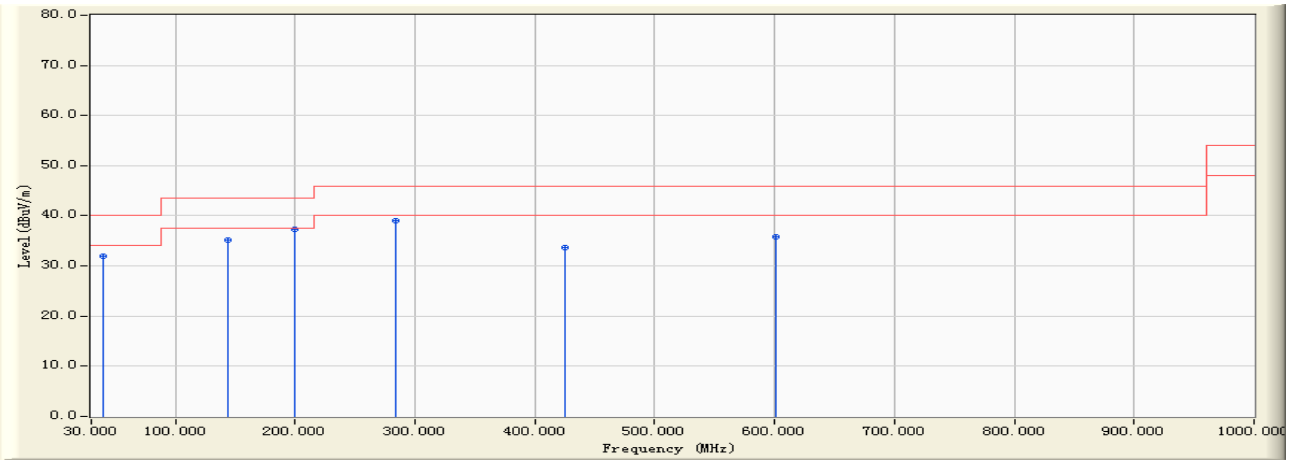


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		189.670	-15.414	51.280	35.866	-7.634	43.500	QUASIPEAK
2		283.540	-11.470	50.480	39.010	-6.990	46.000	QUASIPEAK
3	*	356.870	-8.908	48.530	39.622	-6.378	46.000	QUASIPEAK
4		425.610	-6.828	41.270	34.442	-11.558	46.000	QUASIPEAK
5		668.650	-1.149	38.520	37.371	-8.629	46.000	QUASIPEAK
6		918.520	3.368	32.510	35.878	-10.122	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:17**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)**

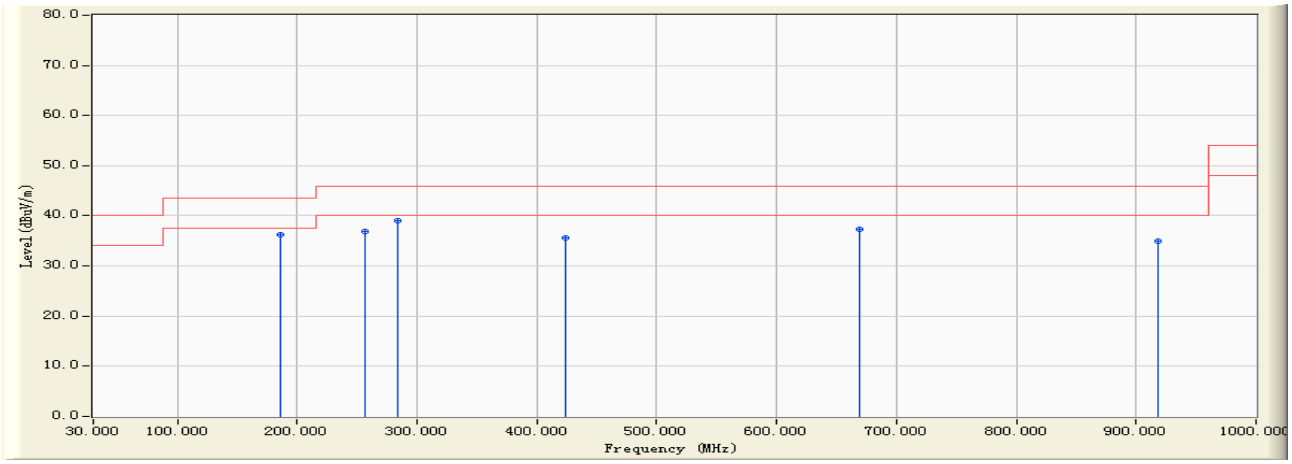


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		40.360	-10.619	42.570	31.950	-8.050	40.000	QUASIPEAK
2		143.580	-15.065	50.140	35.075	-8.425	43.500	QUASIPEAK
3	*	199.630	-15.423	52.640	37.217	-6.283	43.500	QUASIPEAK
4		283.590	-11.468	50.480	39.012	-6.988	46.000	QUASIPEAK
5		425.610	-6.828	40.570	33.742	-12.258	46.000	QUASIPEAK
6		601.590	-2.684	38.540	35.856	-10.144	46.000	QUASIPEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/09/26 - 15:18**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)**

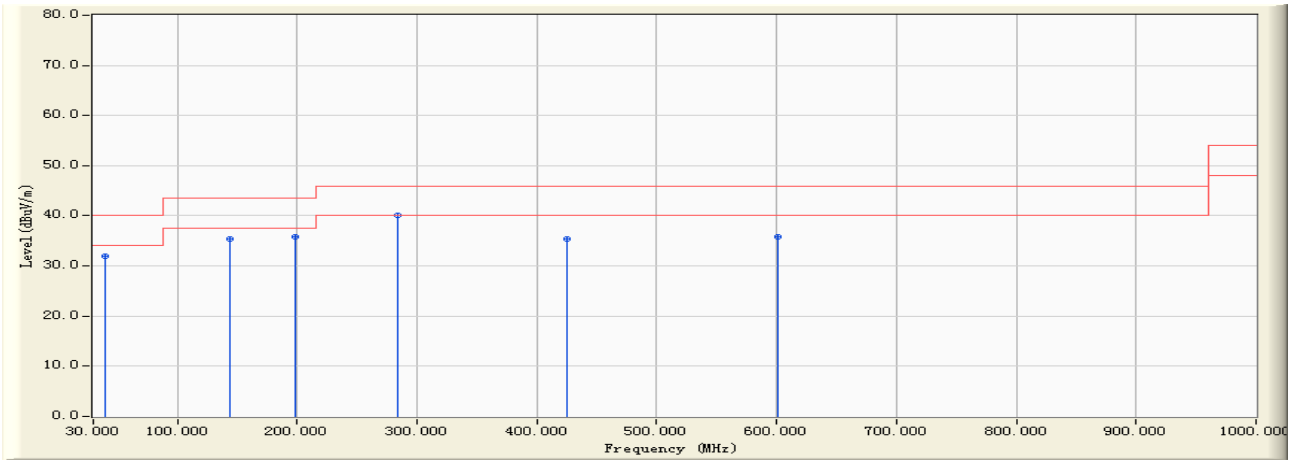


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		186.530	-15.169	51.480	36.311	-7.189	43.500	QUASIPEAK
2		256.940	-12.521	49.310	36.790	-9.210	46.000	QUASIPEAK
3	*	283.650	-11.467	50.540	39.074	-6.926	46.000	QUASIPEAK
4		424.510	-6.853	42.560	35.707	-10.293	46.000	QUASIPEAK
5		668.650	-1.149	38.520	37.371	-8.629	46.000	QUASIPEAK
6		918.320	3.377	31.540	34.917	-11.083	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 AC102	**Time : 2010/09/26 - 15:19**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : Home Gateway	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)**



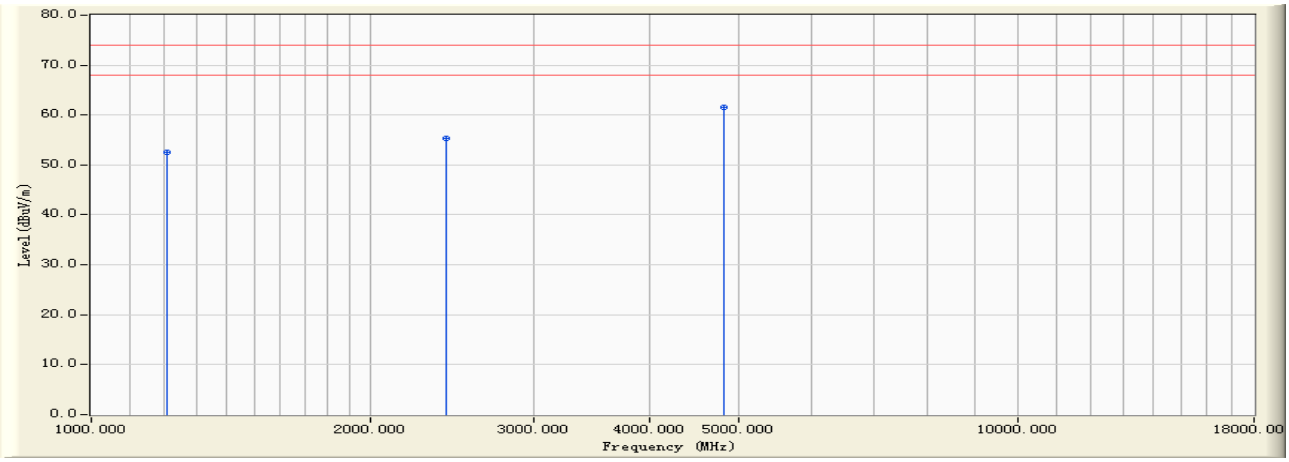
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		40.360	-10.619	42.580	31.960	-8.040	40.000	QUASIPEAK
2		143.640	-15.069	50.480	35.412	-8.088	43.500	QUASIPEAK
3		198.530	-15.445	51.260	35.815	-7.685	43.500	QUASIPEAK
4	*	283.540	-11.470	51.480	40.010	-5.990	46.000	QUASIPEAK
5		424.580	-6.851	42.150	35.299	-10.701	46.000	QUASIPEAK
6		601.350	-2.680	38.520	35.841	-10.159	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 : 2010/09/21 - 19:51**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)**

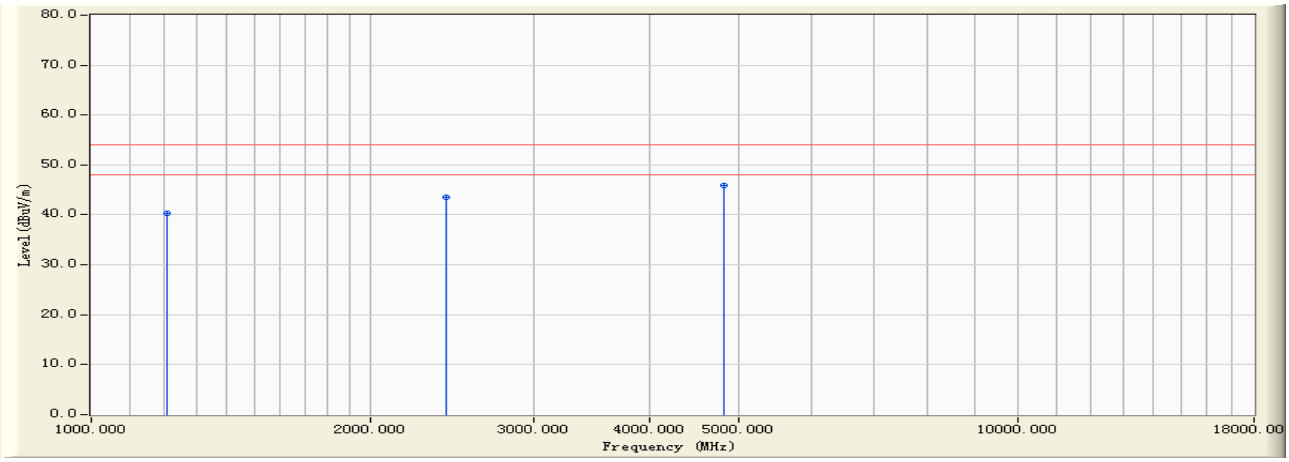


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.350	-5.883	58.340	52.456	-21.544	74.000	PEAK
2		2412.640	0.431	54.870	55.301	-18.699	74.000	PEAK
3	*	4826.340	7.353	54.210	61.563	-12.437	74.000	PEAK

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 : 2010/09/21 - 19:51**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)**

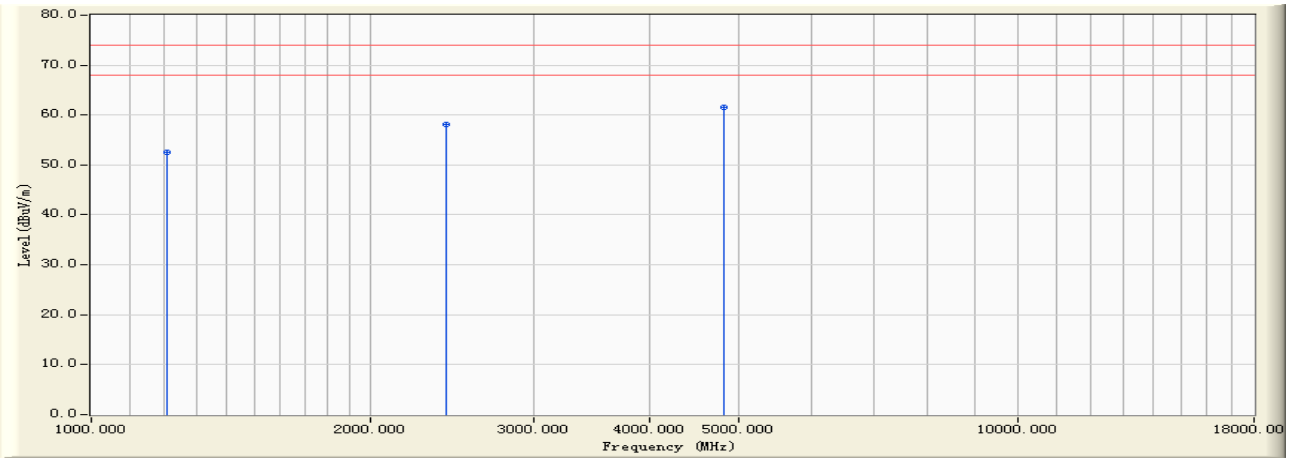


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.350	-5.883	46.170	40.286	-13.714	54.000	AVERAGE
2		2412.640	0.431	43.190	43.621	-10.379	54.000	AVERAGE
3	*	4826.340	7.353	38.620	45.973	-8.027	54.000	AVERAGE

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 : 2010/09/21 - 19:53**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)**

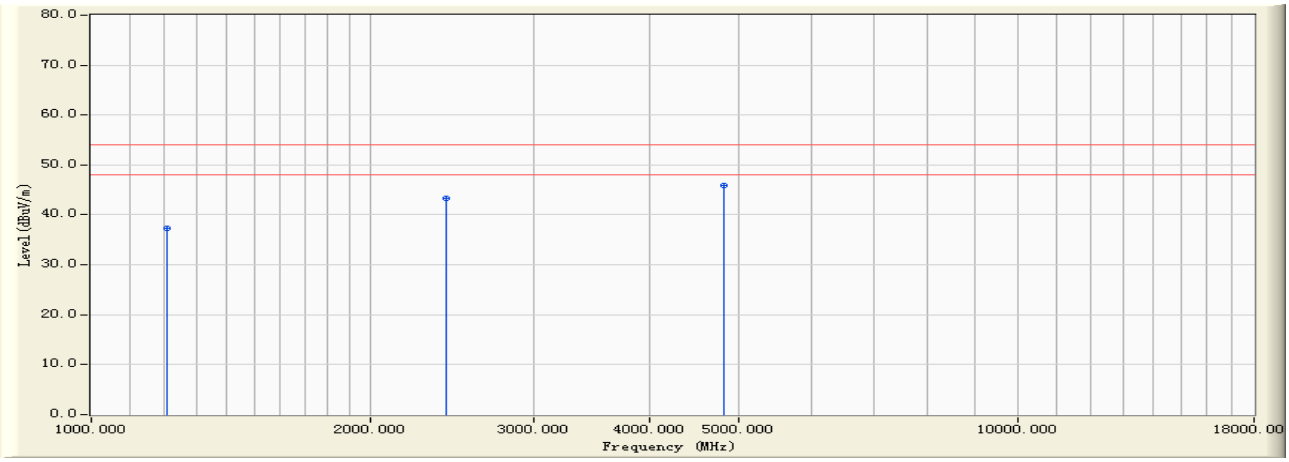


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1206.470	-5.893	58.420	52.527	-21.473	74.000	PEAK
2		2413.680	0.434	57.620	58.054	-15.946	74.000	PEAK
3	*	4826.340	7.353	54.120	61.473	-12.527	74.000	PEAK

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 : 2010/09/21 - 19:53**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)**

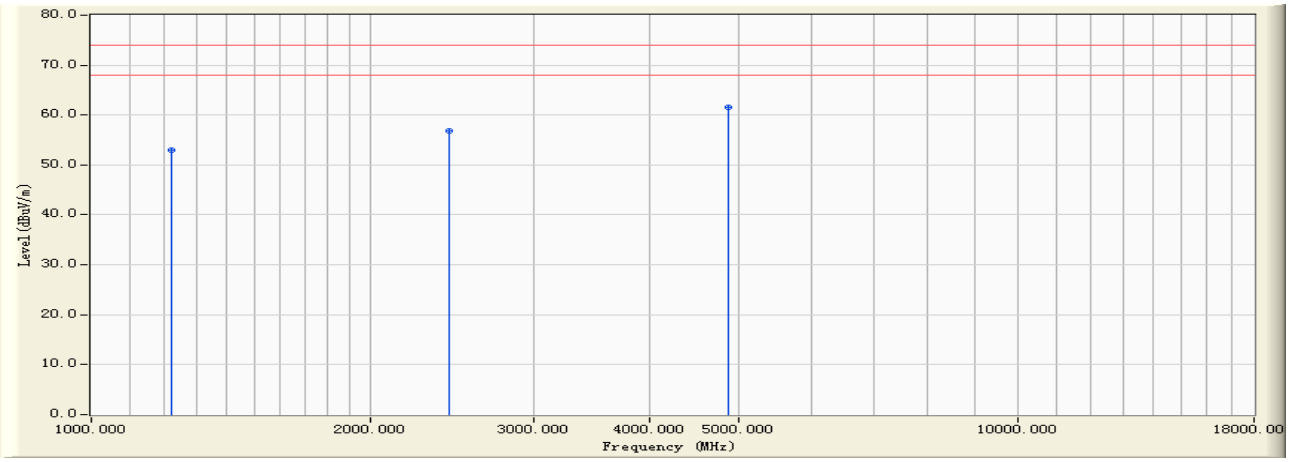


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1206.470	-5.893	43.150	37.257	-16.743	54.000	AVERAGE
2		2413.680	0.434	42.860	43.294	-10.706	54.000	AVERAGE
3	*	4826.340	7.353	38.510	45.863	-8.137	54.000	AVERAGE

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 : 2010/09/21 - 19:58**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)**

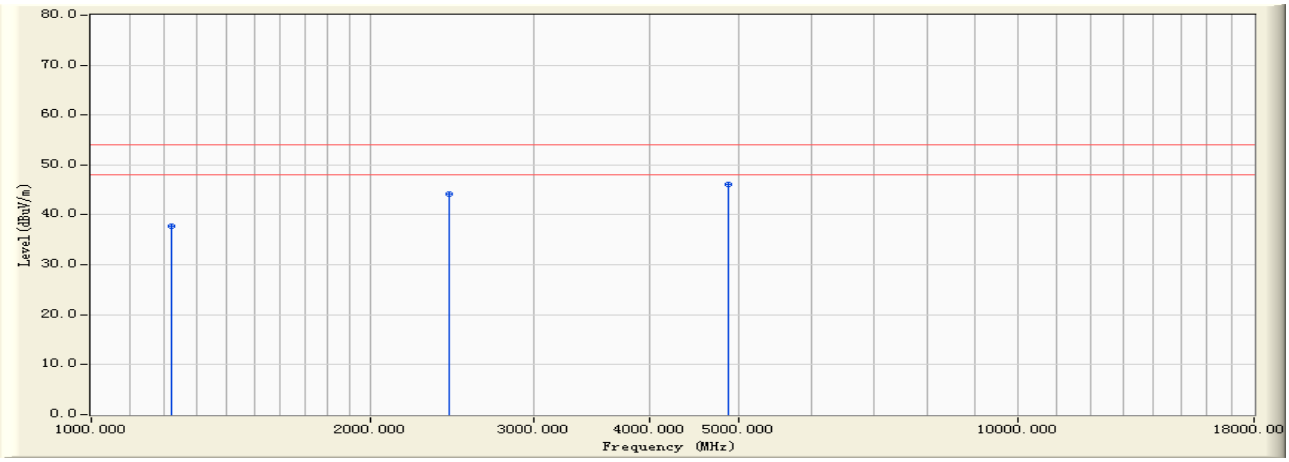


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.350	-5.759	58.630	52.872	-21.128	74.000	PEAK
2		2437.640	0.511	56.340	56.851	-17.149	74.000	PEAK
3	*	4875.620	7.460	54.030	61.490	-12.510	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 19:58**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)**

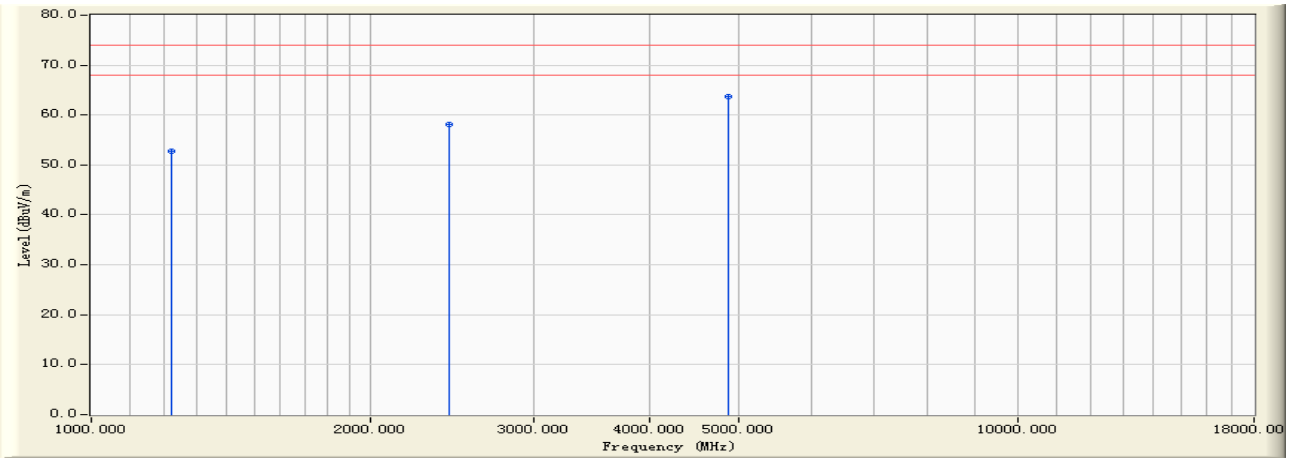


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.350	-5.759	43.610	37.852	-16.148	54.000	AVERAGE
2		2437.640	0.511	43.650	44.161	-9.839	54.000	AVERAGE
3	*	4875.620	7.460	38.590	46.050	-7.950	54.000	AVERAGE

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 : 2010/09/21 - 19:59**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)**

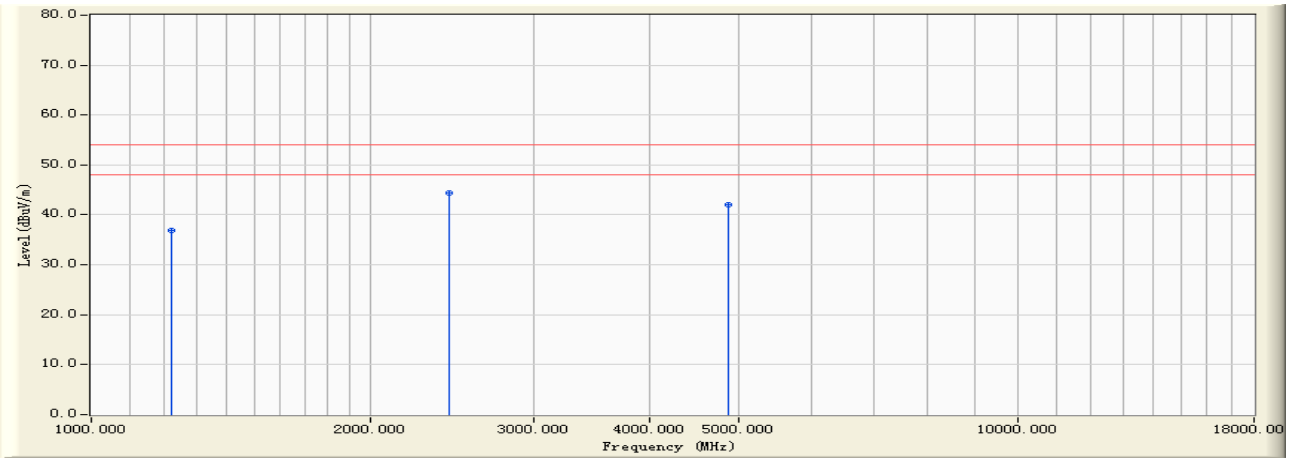


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.350	-5.759	58.610	52.852	-21.148	74.000	PEAK
2		2437.150	0.510	57.640	58.150	-15.850	74.000	PEAK
3	*	4876.320	7.462	56.180	63.642	-10.358	74.000	PEAK

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 : 2010/09/21 - 19:59**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)**

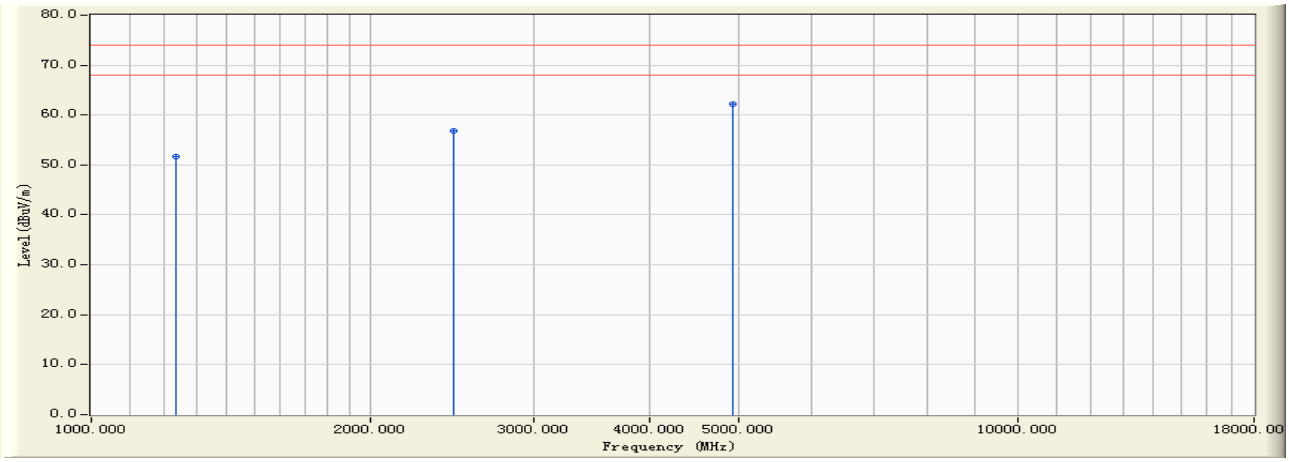


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.350	-5.759	42.670	36.912	-17.088	54.000	AVERAGE
2	*	2437.150	0.510	43.860	44.370	-9.630	54.000	AVERAGE
3		4876.320	7.462	34.620	42.082	-11.918	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 20:01**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)**

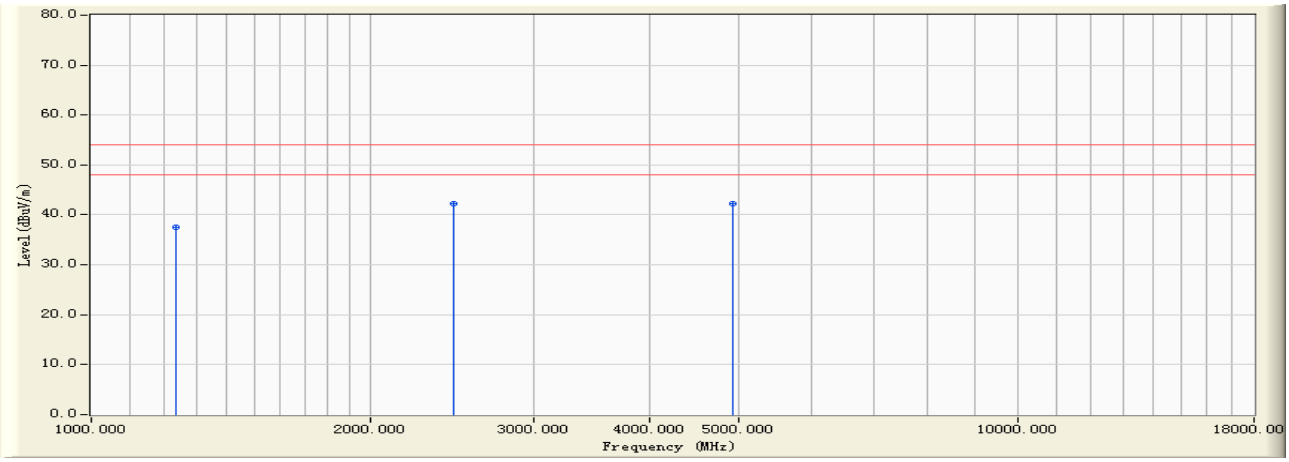


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1232.640	-5.612	57.340	51.728	-22.272	74.000	PEAK
2		2462.150	0.600	56.340	56.940	-17.060	74.000	PEAK
3	*	4925.370	7.567	54.620	62.187	-11.813	74.000	PEAK

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 : 2010/09/21 - 20:01**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)**

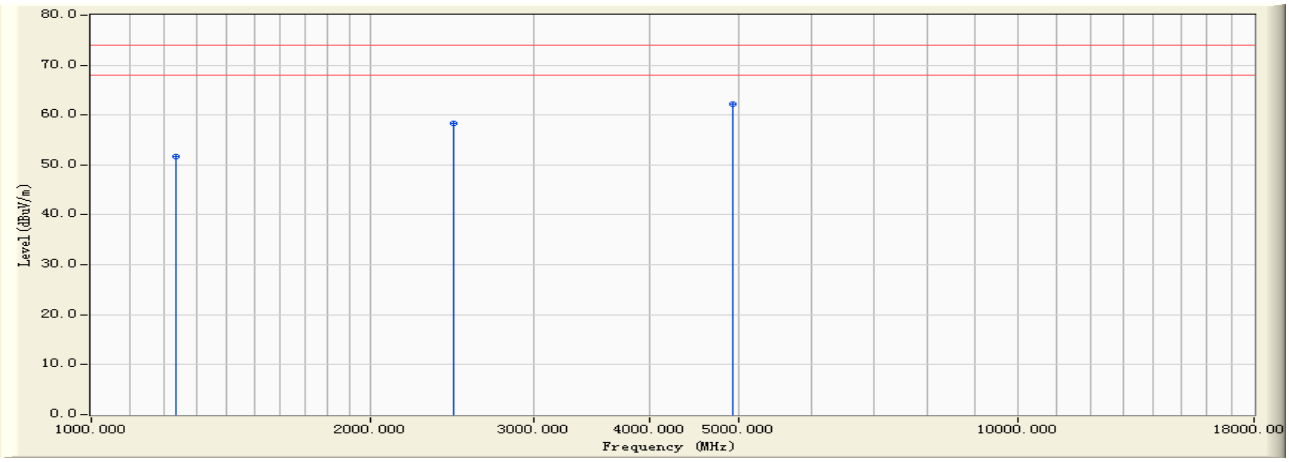


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1232.640	-5.612	43.180	37.568	-16.432	54.000	AVERAGE
2	*	2462.150	0.600	41.630	42.230	-11.770	54.000	AVERAGE
3		4925.370	7.567	34.610	42.177	-11.823	54.000	AVERAGE

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 : 2010/09/21 - 20:02**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)**

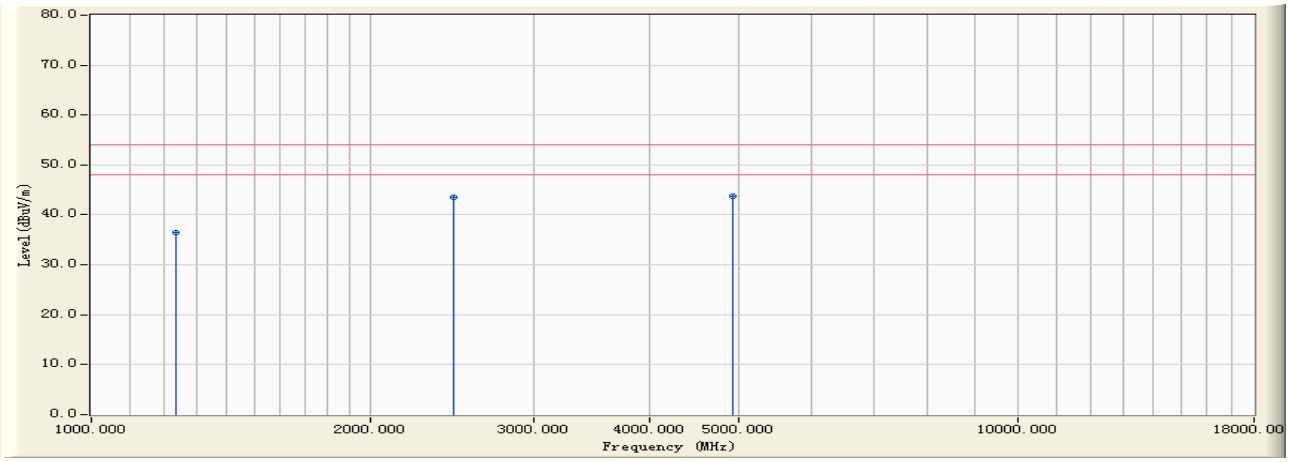


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1232.620	-5.612	57.340	51.728	-22.272	74.000	PEAK
2		2463.150	0.603	57.640	58.243	-15.757	74.000	PEAK
3	*	4925.610	7.568	54.620	62.188	-11.812	74.000	PEAK

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 : 2010/09/21 - 20:02**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)**

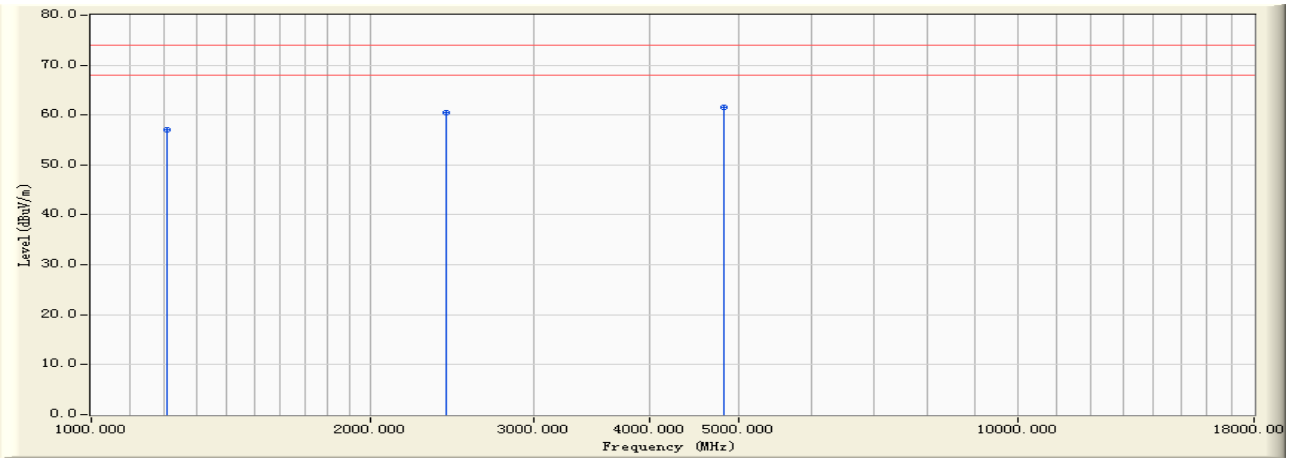


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1232.620	-5.612	42.160	36.548	-17.452	54.000	AVERAGE
2		2463.150	0.603	42.960	43.563	-10.437	54.000	AVERAGE
3	*	4925.610	7.568	36.150	43.718	-10.282	54.000	AVERAGE

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 : 2010/09/22 - 19:44**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)**

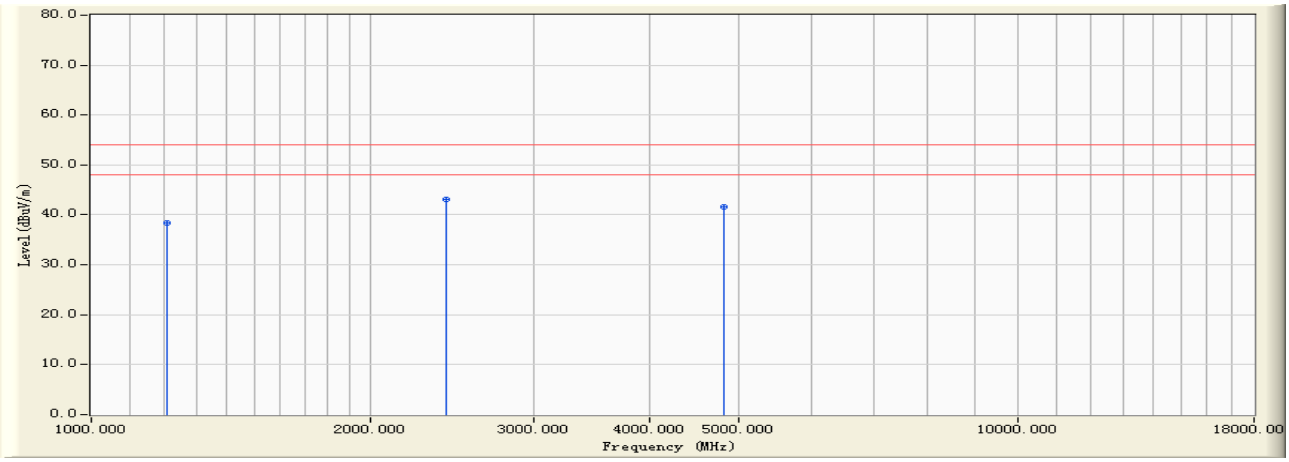


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.350	-5.883	62.910	57.026	-16.974	74.000	PEAK
2		2412.080	0.428	60.070	60.499	-13.501	74.000	PEAK
3	*	4825.360	7.350	54.260	61.611	-12.389	74.000	PEAK

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 : 2010/09/22 - 19:44**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)**

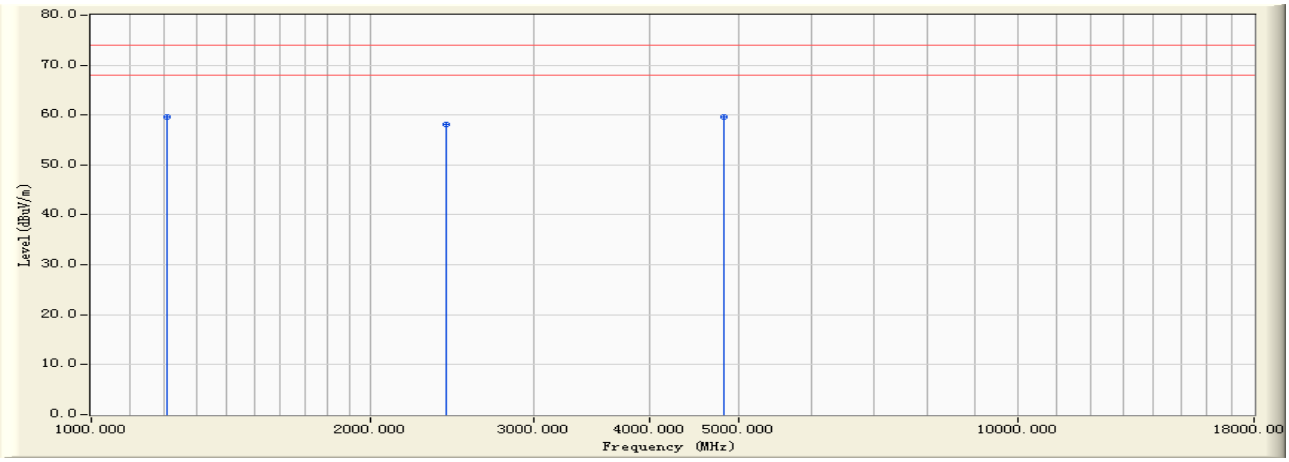


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.350	-5.883	44.220	38.336	-15.664	54.000	AVERAGE
2	*	2412.080	0.428	42.760	43.189	-10.811	54.000	AVERAGE
3		4825.360	7.350	34.160	41.511	-12.489	54.000	AVERAGE

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 : 2010/09/22- 20:17**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)**

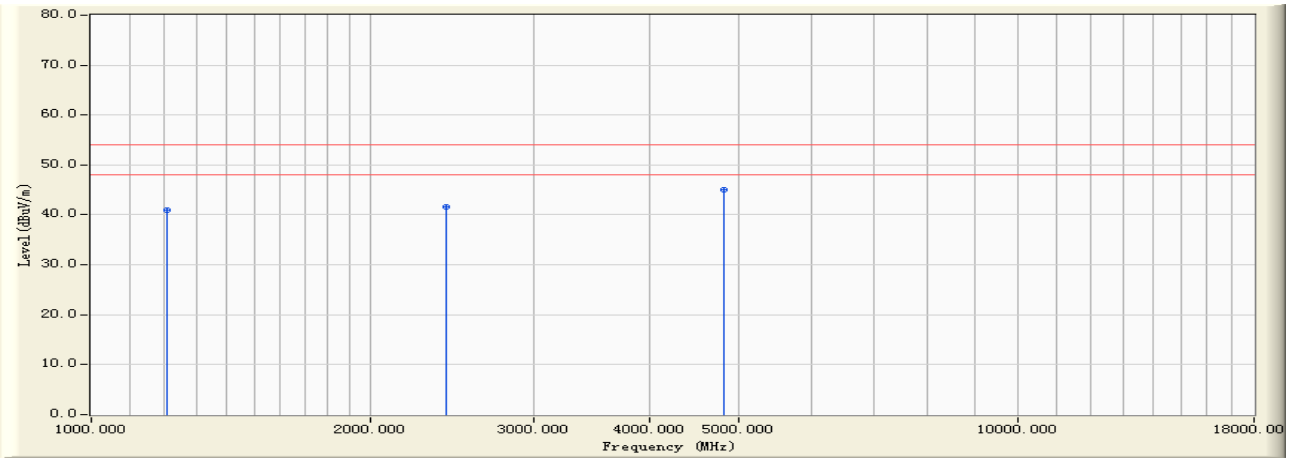


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.360	-5.883	65.410	59.526	-14.474	74.000	PEAK
2		2412.060	0.428	57.780	58.209	-15.791	74.000	PEAK
3	*	4825.360	7.350	52.180	59.531	-14.469	74.000	PEAK

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 : 2010/09/22 - 20:17**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)**

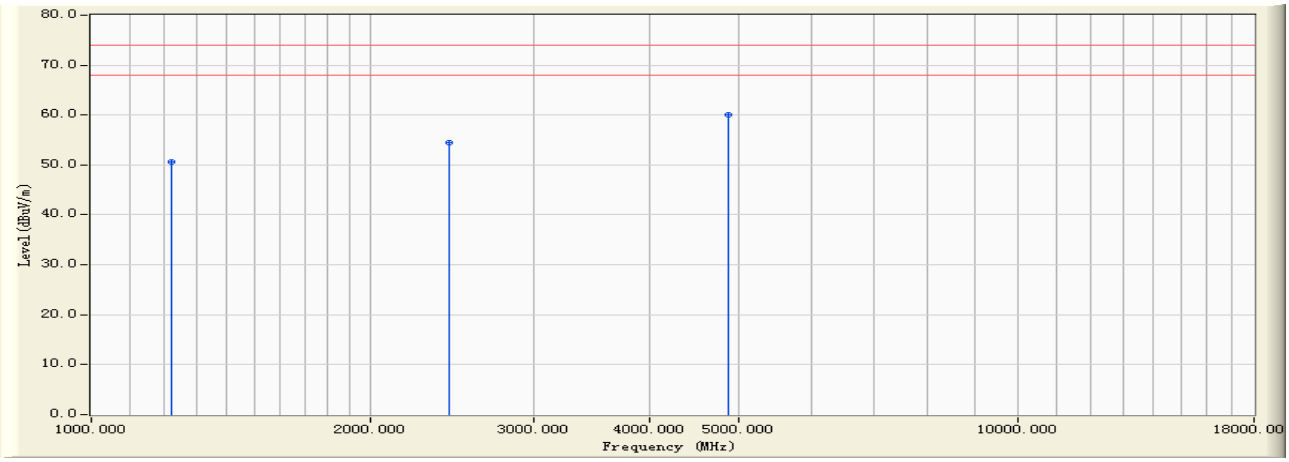


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.360	-5.883	46.860	40.976	-13.024	54.000	AVERAGE
2		2412.060	0.428	41.280	41.709	-12.291	54.000	AVERAGE
3	*	4825.360	7.350	37.780	45.131	-8.869	54.000	AVERAGE

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 : 2010/09/22 - 20:19**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2437MHz)**

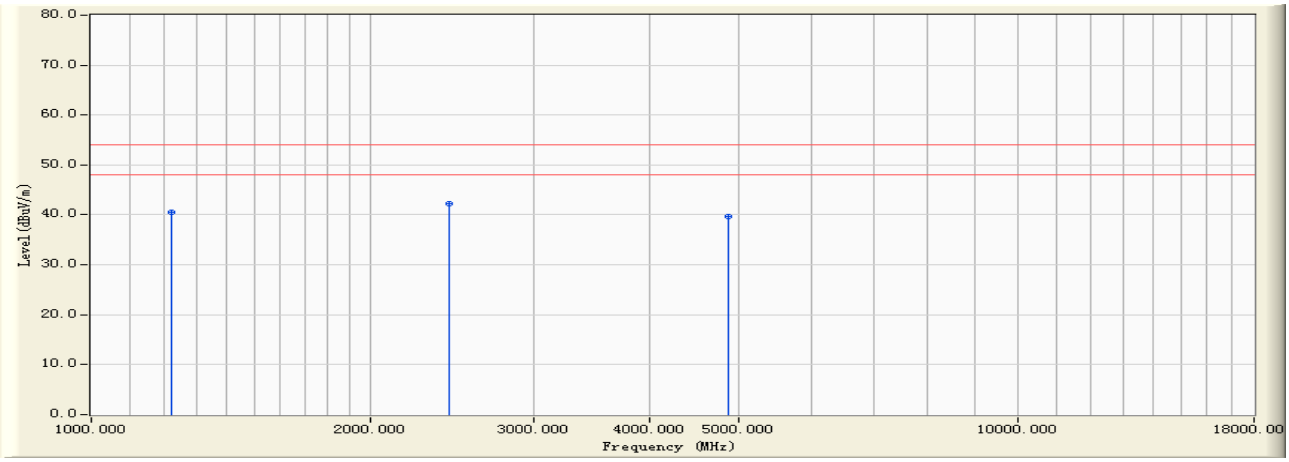


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1218.350	-5.769	56.310	50.541	-23.459	74.000	PEAK
2		2437.030	0.509	53.870	54.379	-19.621	74.000	PEAK
3	*	4875.360	7.459	52.640	60.100	-13.900	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/22 - 20:19**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2437MHz)**

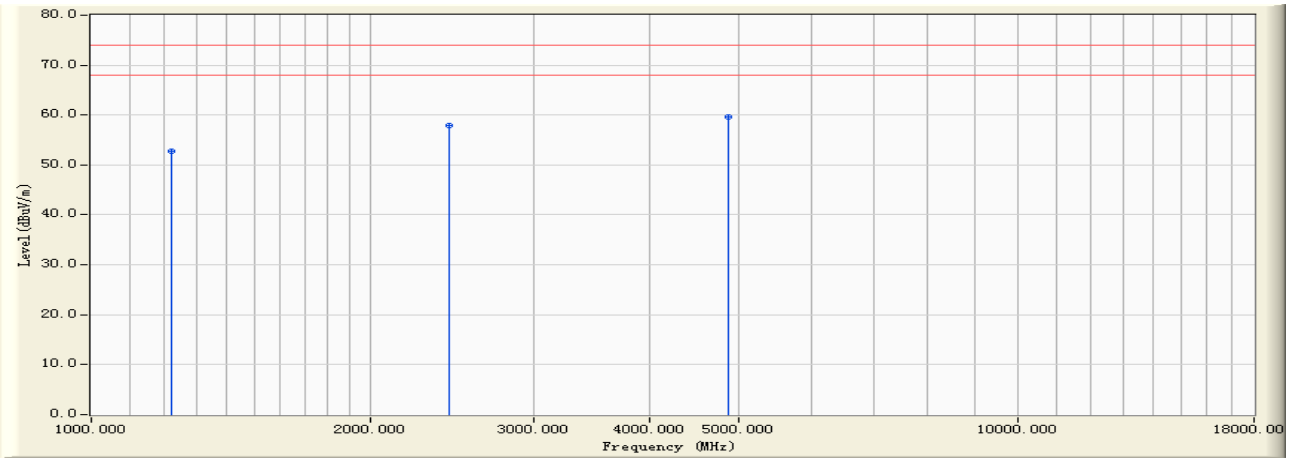


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1218.350	-5.769	46.210	40.441	-13.559	54.000	AVERAGE
2	*	2437.030	0.509	41.760	42.269	-11.731	54.000	AVERAGE
3		4875.360	7.459	32.190	39.650	-14.350	54.000	AVERAGE

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 : 2010/09/22 - 20:21**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2437MHz)**

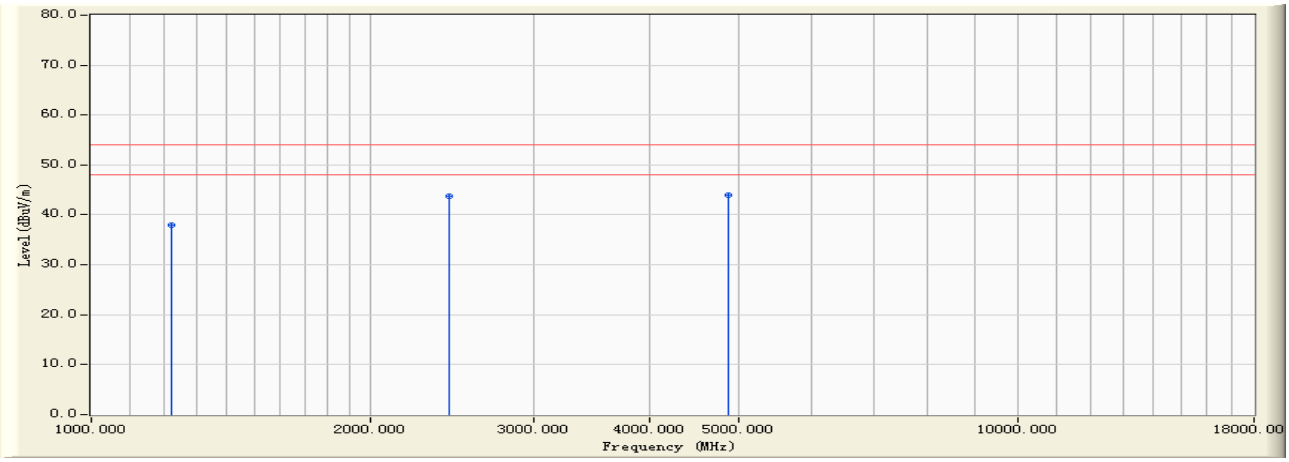


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.470	-5.757	58.620	52.863	-21.137	74.000	PEAK
2		2437.360	0.509	57.310	57.820	-16.180	74.000	PEAK
3	*	4875.340	7.459	52.180	59.639	-14.361	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/22 - 20:21**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2437MHz)**

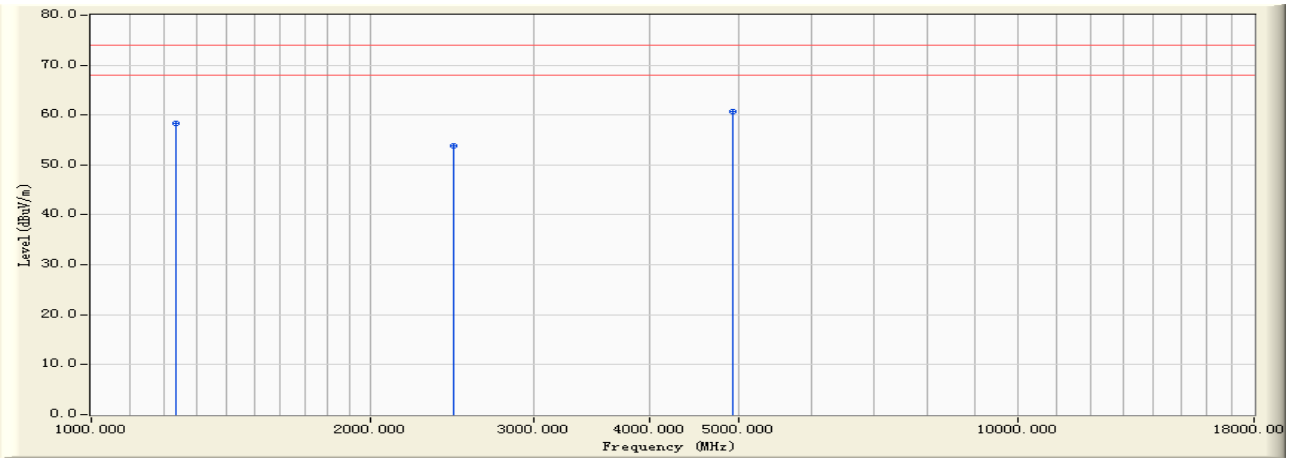


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.470	-5.757	43.650	37.893	-16.107	54.000	AVERAGE
2		2437.360	0.509	43.190	43.700	-10.300	54.000	AVERAGE
3	*	4875.340	7.459	36.510	43.969	-10.031	54.000	AVERAGE

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 : 2010/09/22 - 20:23**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)**

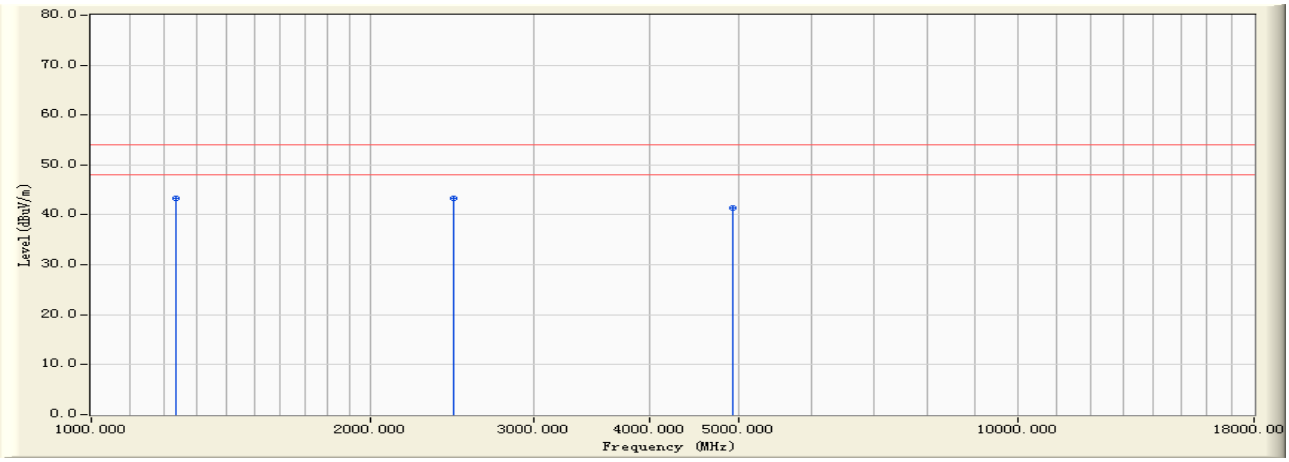


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1232.150	-5.617	63.990	58.373	-15.627	74.000	PEAK
2		2462.130	0.600	53.260	53.860	-20.140	74.000	PEAK
3	*	4925.370	7.567	53.160	60.727	-13.273	74.000	PEAK

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 : 2010/09/22 - 20:23**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)**

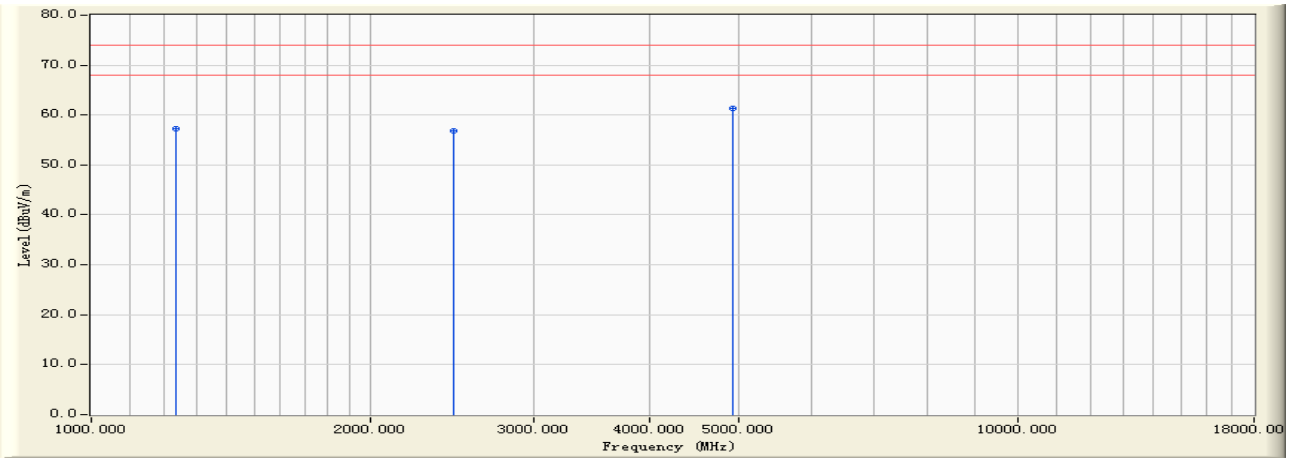


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1232.150	-5.617	48.960	43.343	-10.657	54.000	AVERAGE
2	*	2462.130	0.600	42.760	43.360	-10.640	54.000	AVERAGE
3		4925.370	7.567	33.870	41.437	-12.563	54.000	AVERAGE

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 : 2010/09/22 - 20:24**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)**

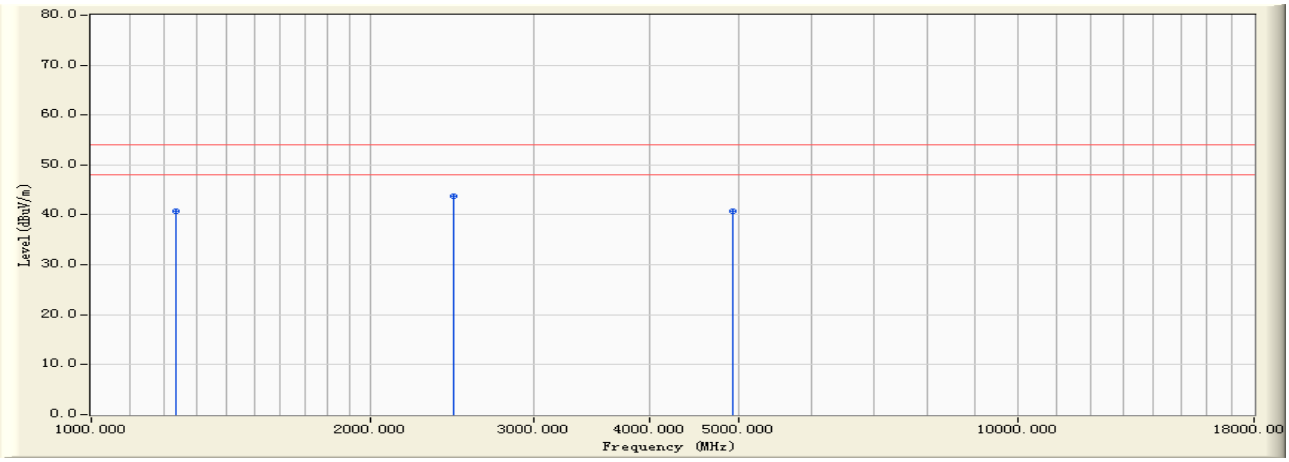


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1232.450	-5.613	62.780	57.166	-16.834	74.000	PEAK
2		2462.310	0.601	56.240	56.841	-17.159	74.000	PEAK
3	*	4925.160	7.567	53.870	61.437	-12.563	74.000	PEAK

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 : 2010/09/22 - 20:24**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)**

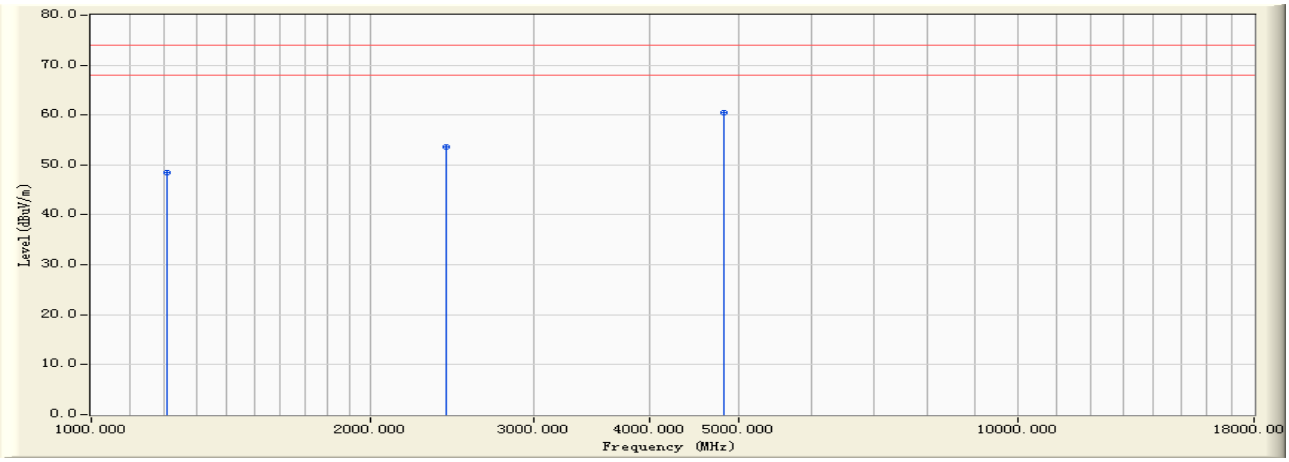


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1232.450	-5.613	46.260	40.646	-13.354	54.000	AVERAGE
2	*	2462.310	0.601	43.180	43.781	-10.219	54.000	AVERAGE
3		4925.160	7.567	33.270	40.837	-13.163	54.000	AVERAGE

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 : 2010/09/22 - 17:00**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2412MHz)**

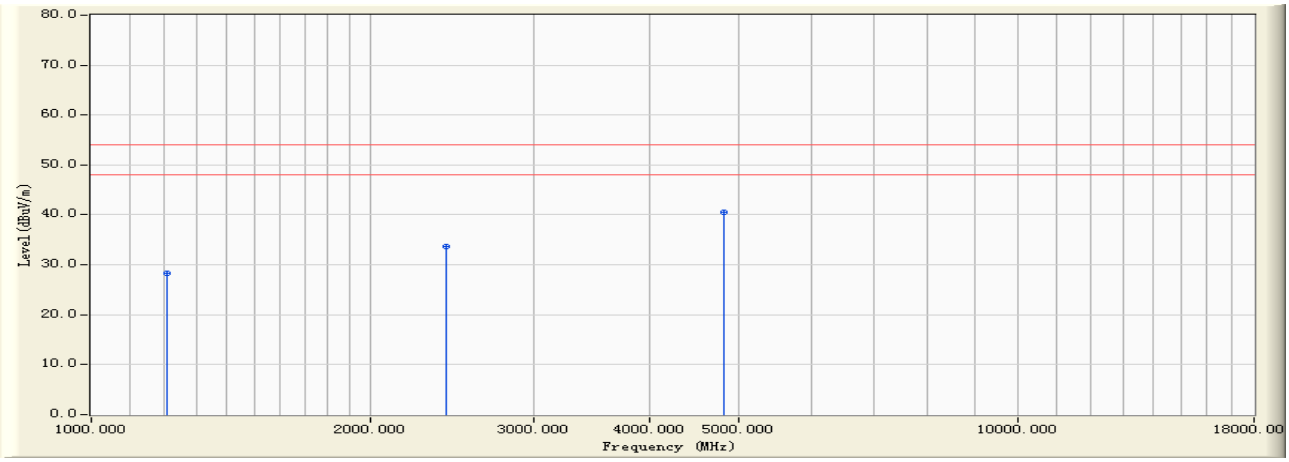


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.360	-5.883	54.320	48.436	-25.564	74.000	PEAK
2		2412.040	0.428	53.160	53.589	-20.411	74.000	PEAK
3	*	4825.380	7.350	53.190	60.541	-13.459	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/22 - 17:00**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2412MHz)**

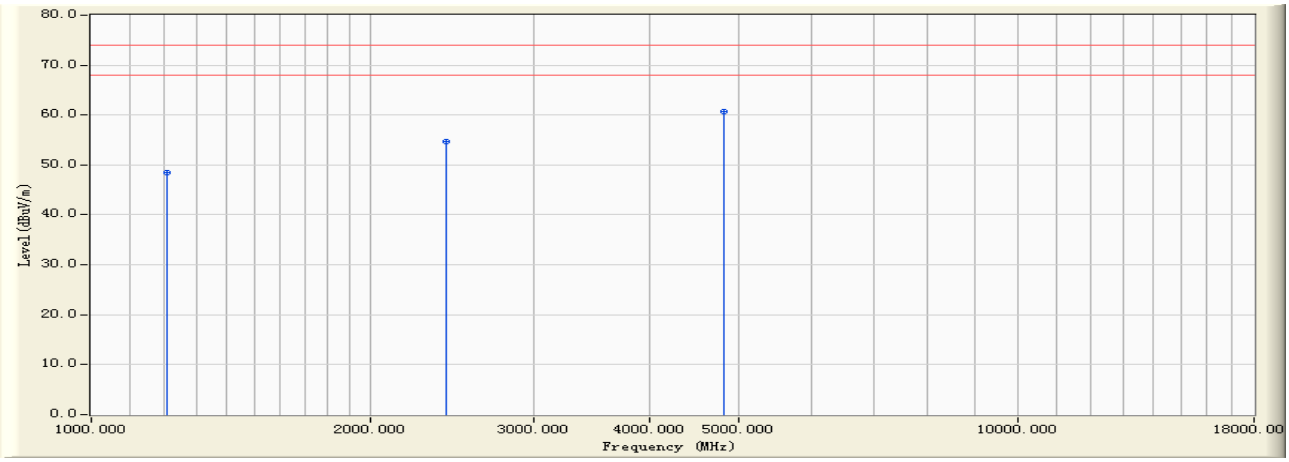


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.360	-5.883	34.260	28.376	-25.624	54.000	AVERAGE
2		2412.040	0.428	33.160	33.589	-20.411	54.000	AVERAGE
3	*	4825.380	7.350	33.160	40.511	-13.489	54.000	AVERAGE

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 : 2010/09/22 - 17:02**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2412MHz)**

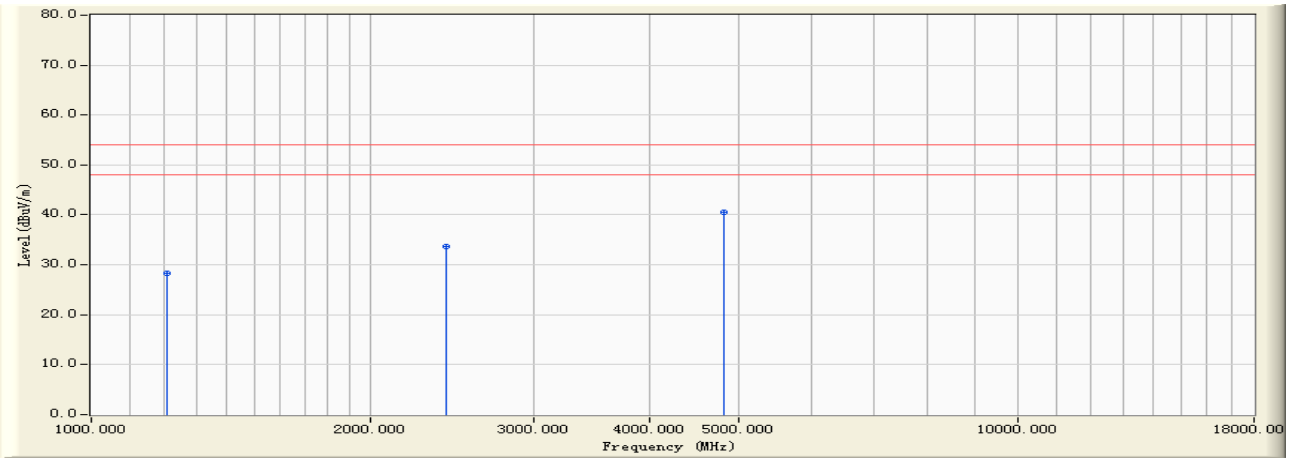


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.360	-5.883	54.310	48.426	-25.574	74.000	PEAK
2		2412.050	0.428	54.320	54.749	-19.251	74.000	PEAK
3	*	4825.310	7.350	53.260	60.611	-13.389	74.000	PEAK

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 : 2010/09/22 - 17:02**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2412MHz)**

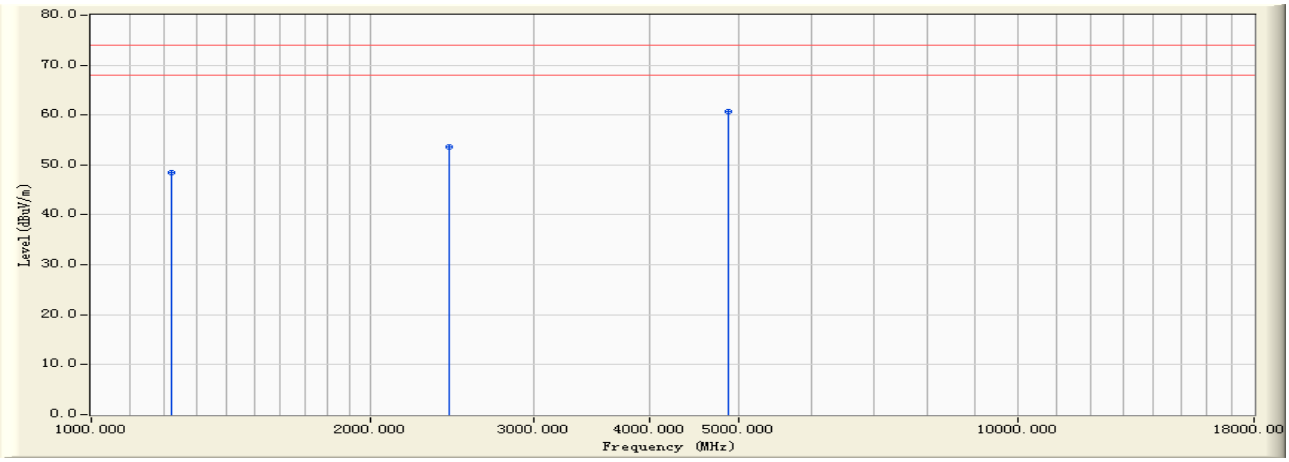


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.360	-5.883	34.160	28.276	-25.724	54.000	AVERAGE
2		2412.050	0.428	33.160	33.589	-20.411	54.000	AVERAGE
3	*	4825.310	7.350	33.260	40.611	-13.389	54.000	AVERAGE

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 : 2010/09/22 - 17:04**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2437MHz)**

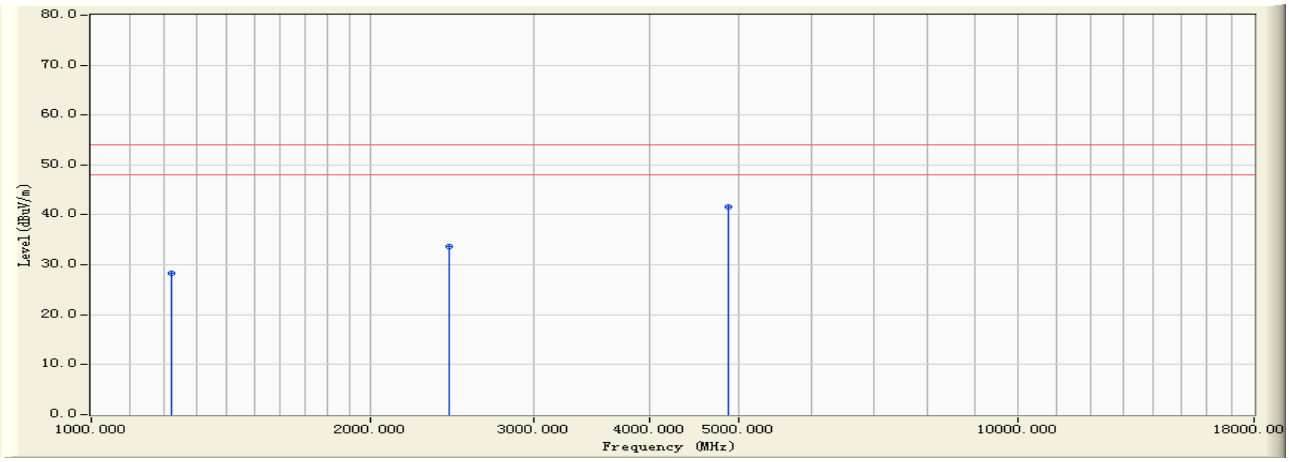


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.250	-5.759	54.310	48.551	-25.449	74.000	PEAK
2		2437.040	0.509	53.160	53.669	-20.331	74.000	PEAK
3	*	4875.340	7.459	53.160	60.619	-13.381	74.000	PEAK

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 : 2010/09/22 - 17:04**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2437MHz)**

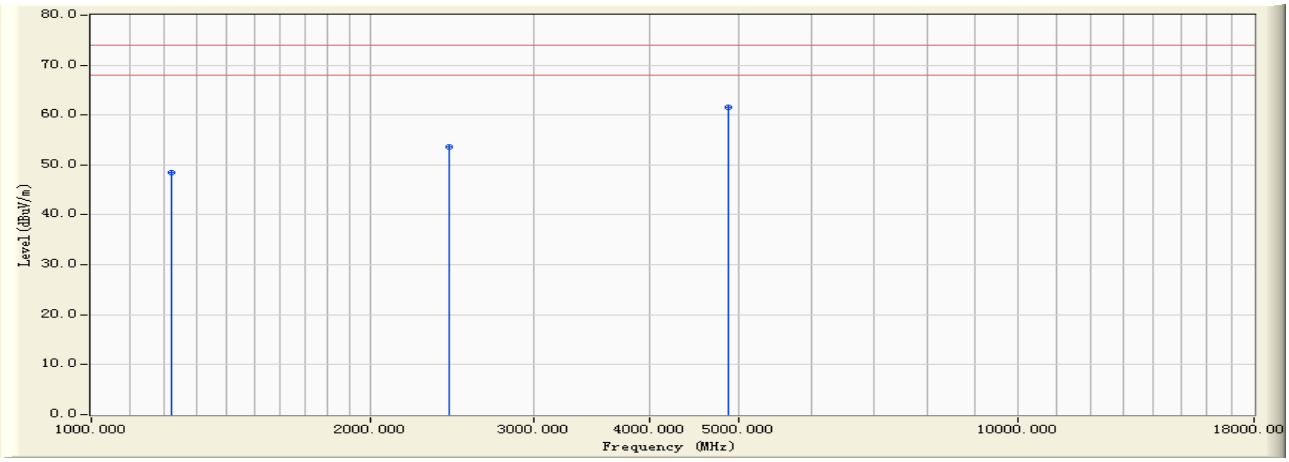


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.250	-5.759	34.160	28.401	-25.599	54.000	AVERAGE
2		2437.040	0.509	33.260	33.769	-20.231	54.000	AVERAGE
3	*	4875.340	7.459	34.160	41.619	-12.381	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/22 - 17:06**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2437MHz)**

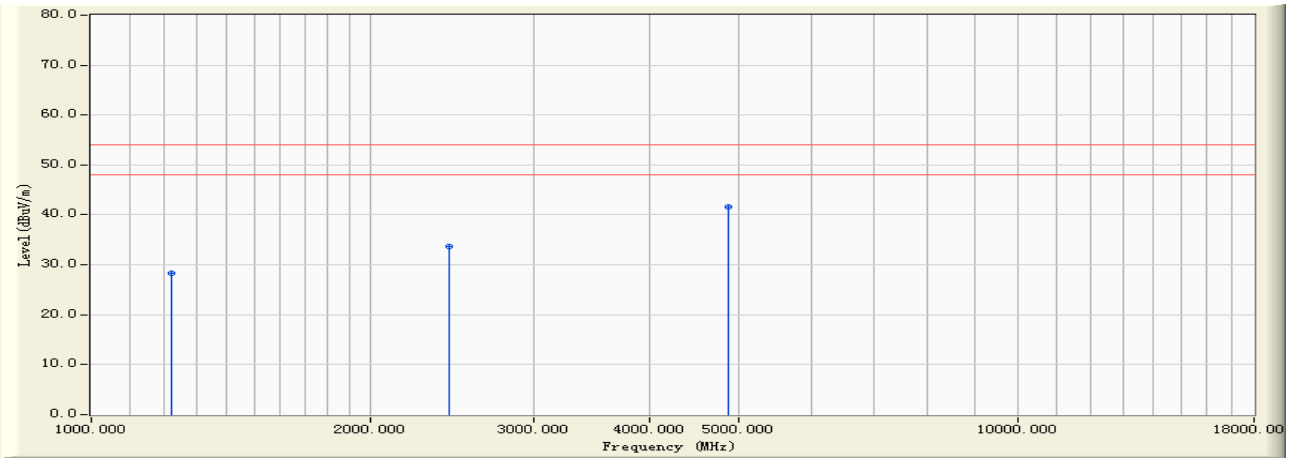


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.350	-5.759	54.310	48.552	-25.448	74.000	PEAK
2		2437.050	0.509	53.060	53.569	-20.431	74.000	PEAK
3	*	4875.360	7.459	54.160	61.620	-12.380	74.000	PEAK

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 : 2010/09/22- 17:06**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2437MHz)**

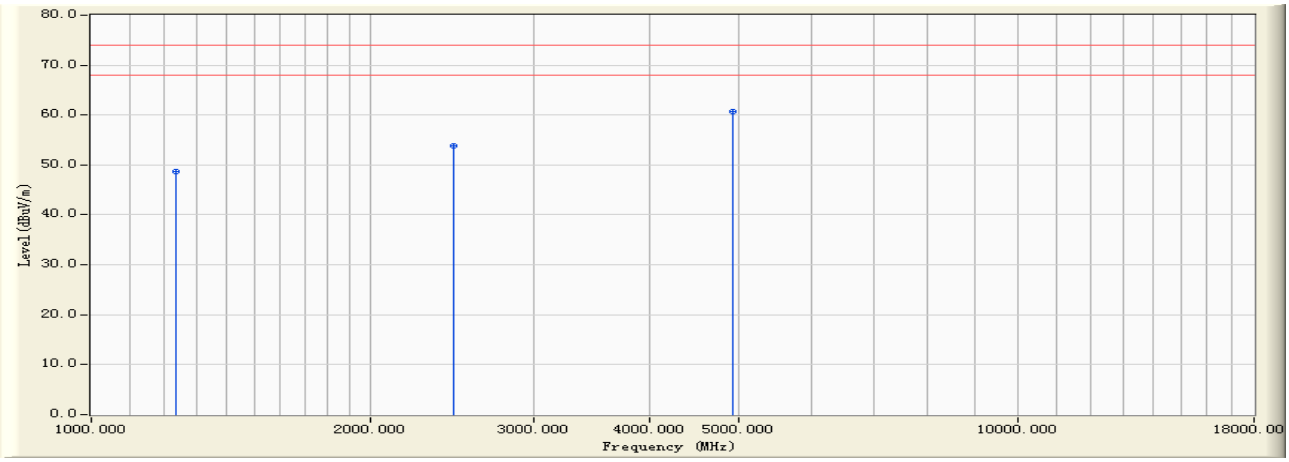


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.350	-5.759	34.160	28.402	-25.598	54.000	AVERAGE
2		2437.050	0.509	33.160	33.669	-20.331	54.000	AVERAGE
3	*	4875.360	7.459	34.160	41.620	-12.380	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/22 - 17:09**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2462MHz)**

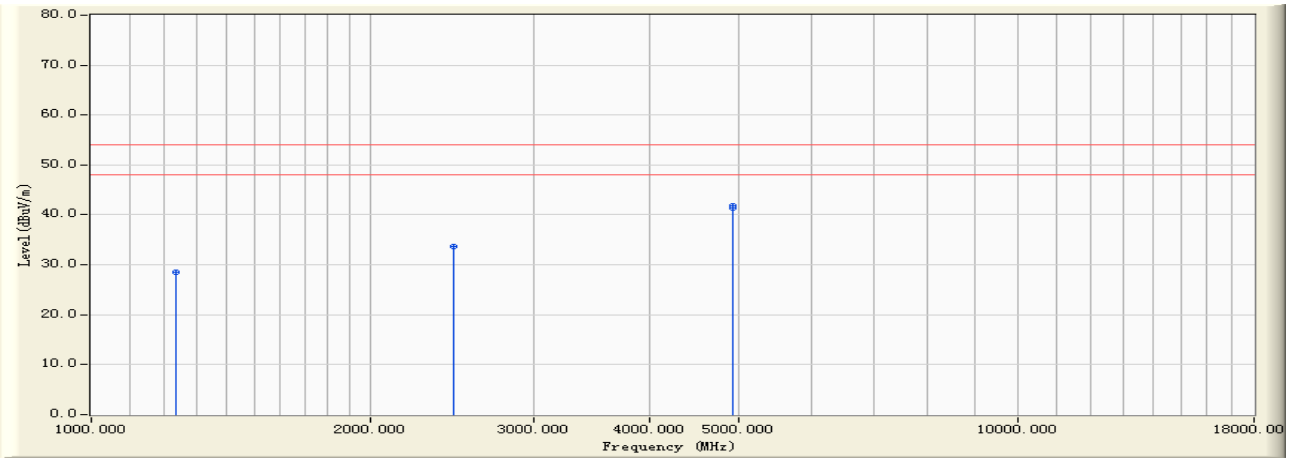


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1232.350	-5.615	54.310	48.695	-25.305	74.000	PEAK
2		2462.040	0.600	53.160	53.760	-20.240	74.000	PEAK
3	*	4925.160	7.567	53.160	60.727	-13.273	74.000	PEAK

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 : 2010/09/22 - 17:09**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2462MHz)**

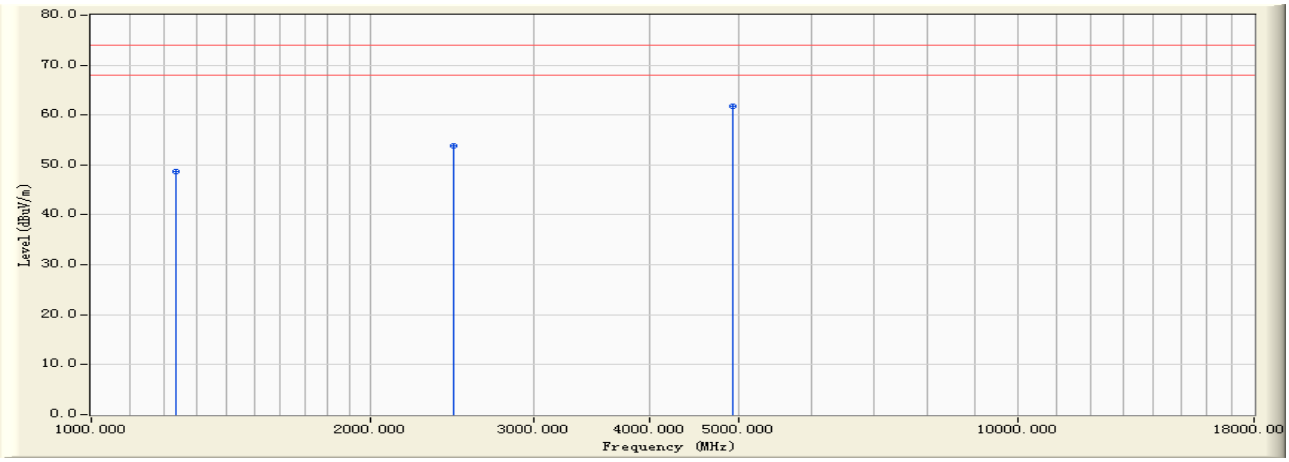


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1232.350	-5.615	34.160	28.545	-25.455	54.000	AVERAGE
2		2462.040	0.600	33.160	33.760	-20.240	54.000	AVERAGE
3	*	4925.160	7.567	34.160	41.727	-12.273	54.000	AVERAGE
4		4925.160	7.567	33.890	41.457	-12.543	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/22 - 17:10**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2462MHz)**

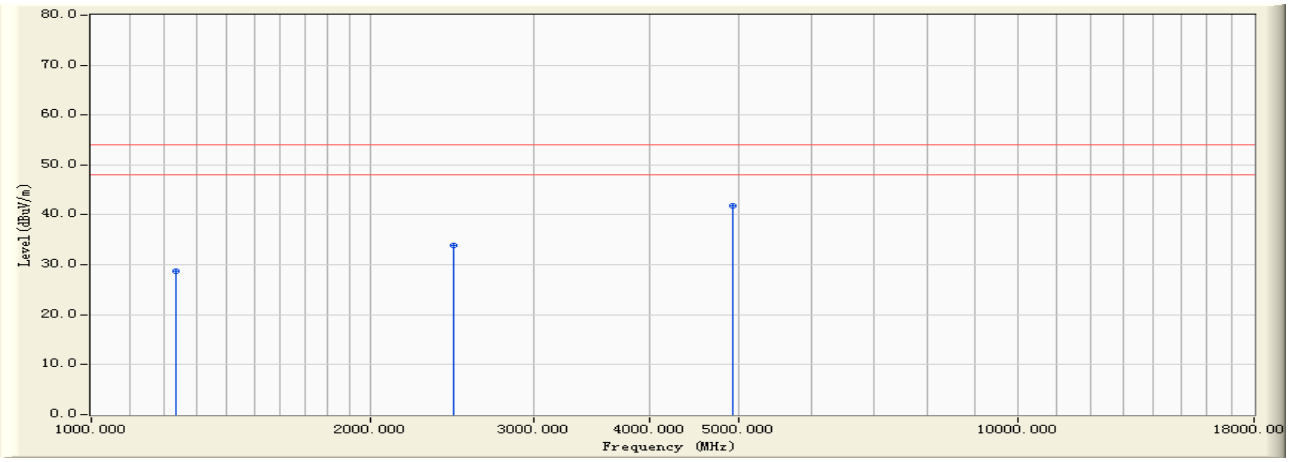


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1232.150	-5.617	54.360	48.743	-25.257	74.000	PEAK
2		2462.040	0.600	53.190	53.790	-20.210	74.000	PEAK
3	*	4925.340	7.567	54.160	61.727	-12.273	74.000	PEAK

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 : 2010/09/22 - 17:10**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0) (2462MHz)**

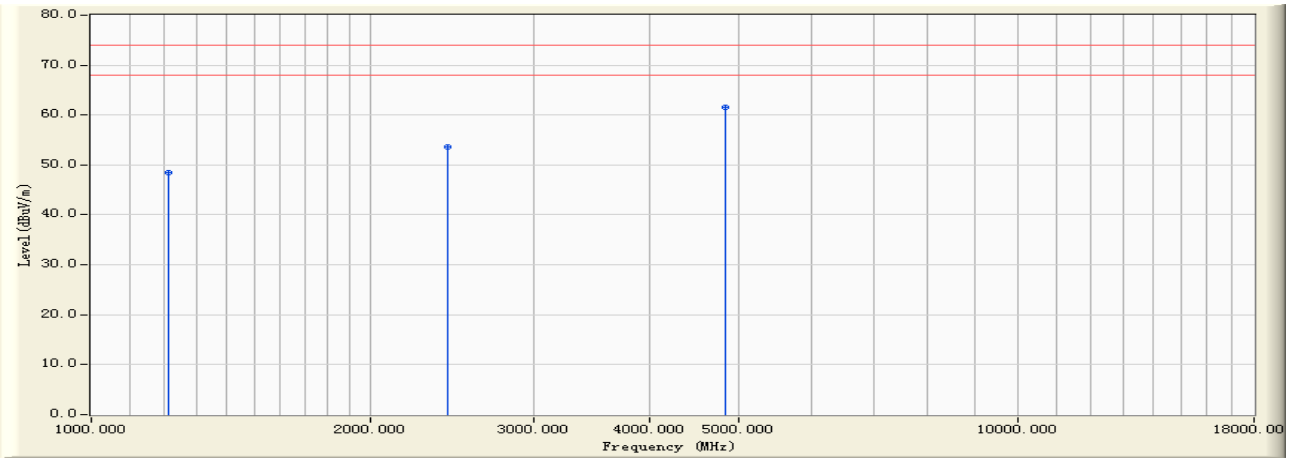


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1232.150	-5.617	34.260	28.643	-25.357	54.000	AVERAGE
2		2462.040	0.600	33.290	33.890	-20.110	54.000	AVERAGE
3	*	4925.340	7.567	34.190	41.757	-12.243	54.000	AVERAGE

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 : 2010/09/22 - 17:12**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2422MHz)**

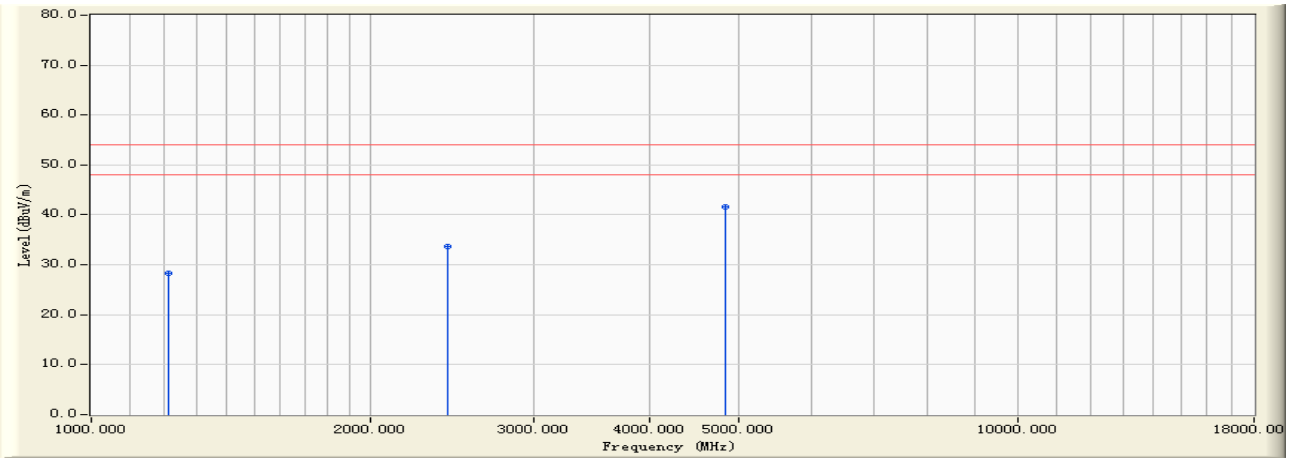


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1212.340	-5.831	54.350	48.518	-25.482	74.000	PEAK
2		2422.090	0.462	53.160	53.623	-20.377	74.000	PEAK
3	*	4845.320	7.392	54.190	61.582	-12.418	74.000	PEAK

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 : 2010/09/22 - 17:12**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2422MHz)**

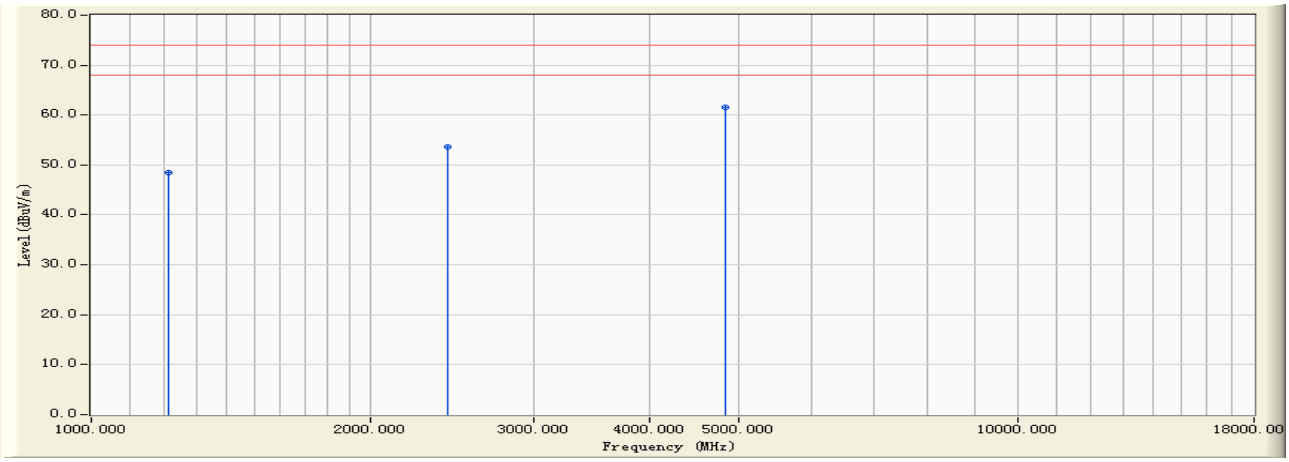


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1212.340	-5.831	34.160	28.328	-25.672	54.000	AVERAGE
2		2422.090	0.462	33.160	33.623	-20.377	54.000	AVERAGE
3	*	4845.320	7.392	34.260	41.652	-12.348	54.000	AVERAGE

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 : 2010/09/22 - 17:14**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2422MHz)**

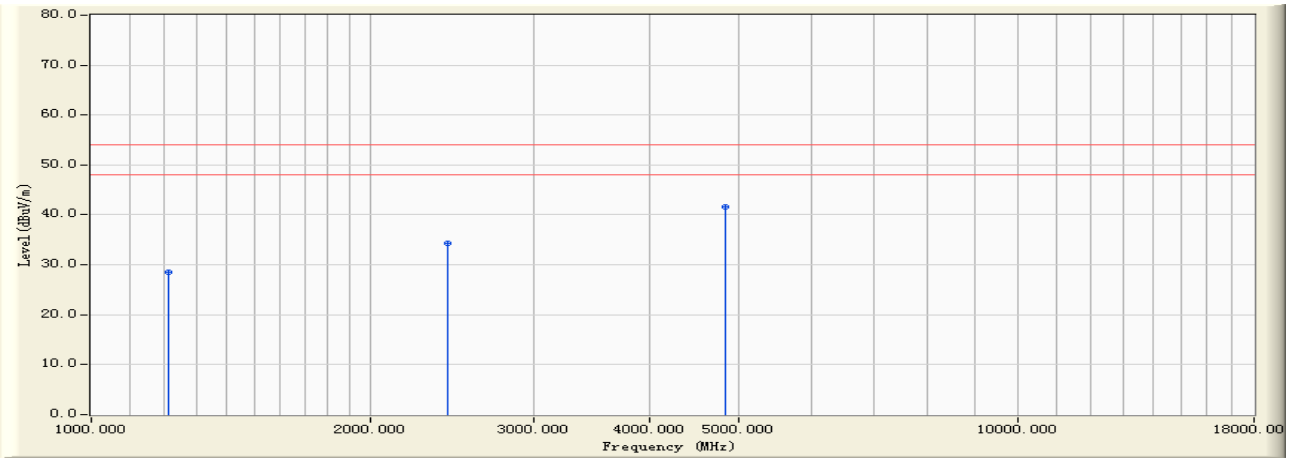


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1212.340	-5.831	54.310	48.478	-25.522	74.000	PEAK
2		2422.160	0.463	53.160	53.623	-20.377	74.000	PEAK
3	*	4845.310	7.392	54.260	61.652	-12.348	74.000	PEAK

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 : 2010/09/22 - 17:14**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2422MHz)**

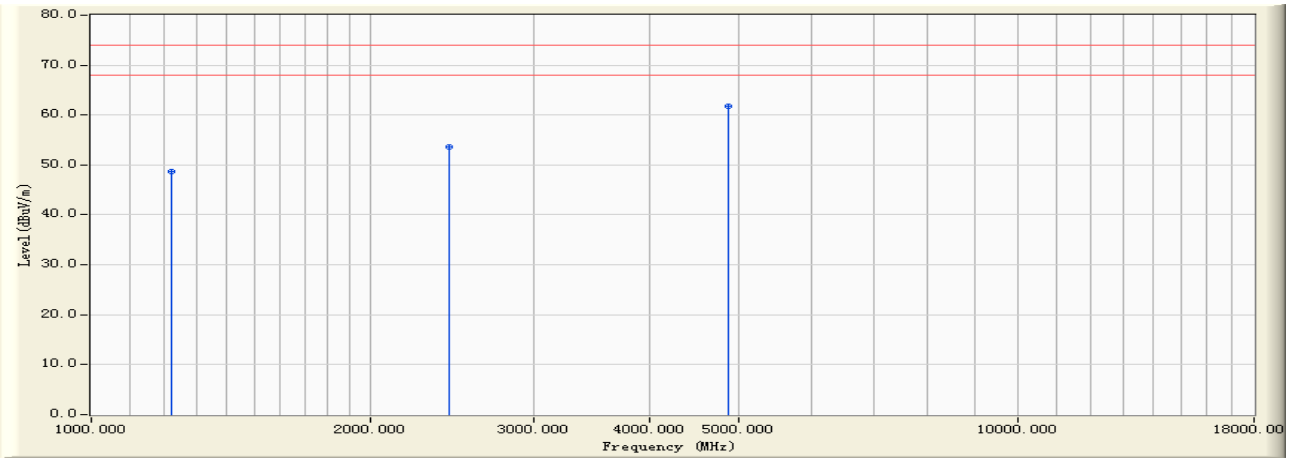


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1212.340	-5.831	34.260	28.428	-25.572	54.000	AVERAGE
2		2422.160	0.463	33.890	34.353	-19.647	54.000	AVERAGE
3	*	4845.310	7.392	34.190	41.582	-12.418	54.000	AVERAGE

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 : 2010/09/22 - 17:17**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2437MHz)**

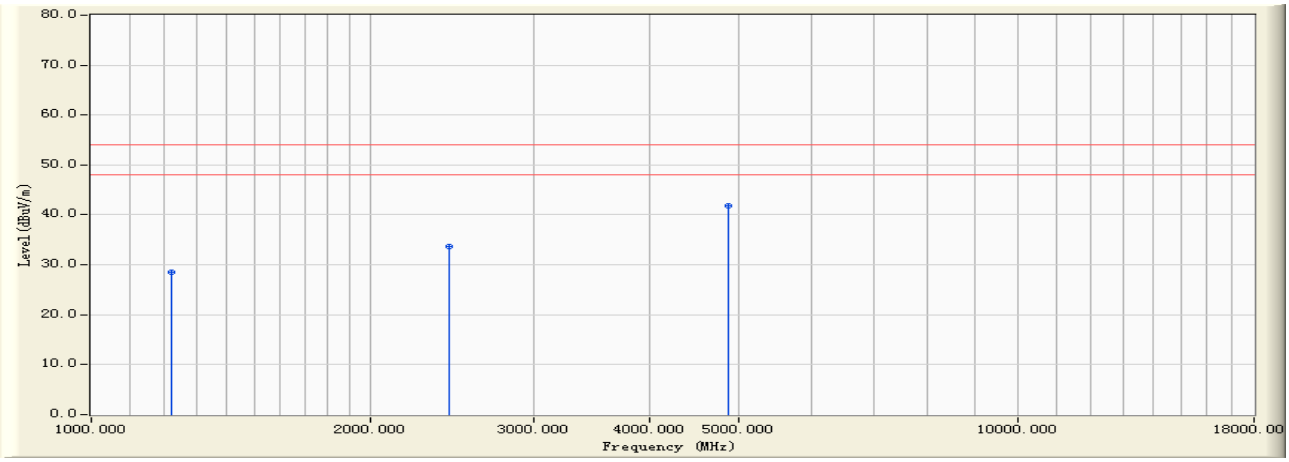


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.160	-5.760	54.360	48.600	-25.400	74.000	PEAK
2		2437.190	0.510	53.160	53.670	-20.330	74.000	PEAK
3	*	4875.310	7.459	54.360	61.819	-12.181	74.000	PEAK

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 : 2010/09/22 - 17:17**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2437MHz)**

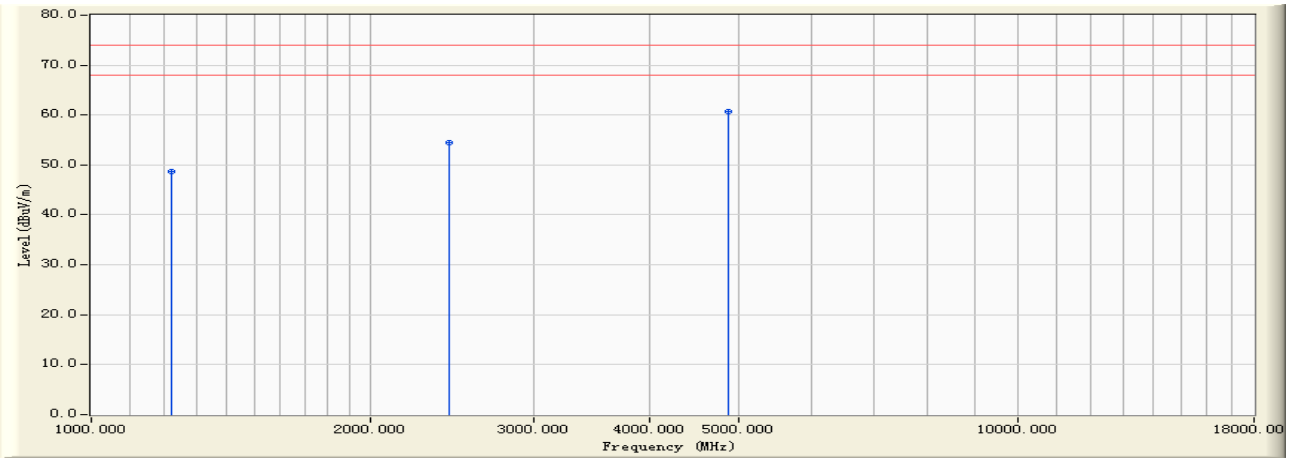


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.160	-5.760	34.180	28.420	-25.580	54.000	AVERAGE
2		2437.190	0.510	33.190	33.700	-20.300	54.000	AVERAGE
3	*	4875.310	7.459	34.260	41.719	-12.281	54.000	AVERAGE

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 : 2010/09/22 - 17:20**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2437MHz)**

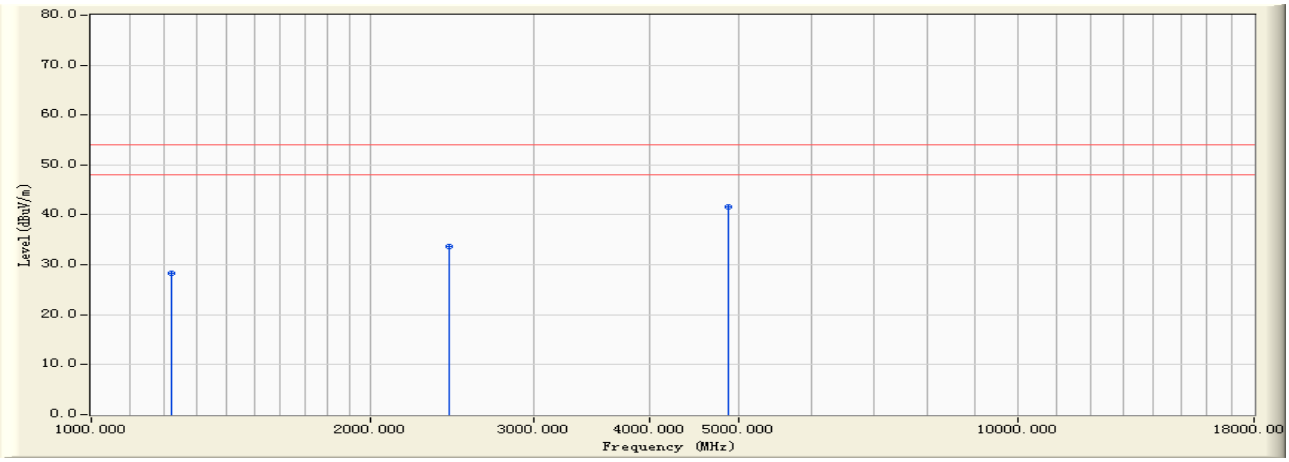


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.350	-5.759	54.360	48.602	-25.398	74.000	PEAK
2		2437.160	0.510	53.960	54.470	-19.530	74.000	PEAK
3	*	4875.160	7.459	53.160	60.619	-13.381	74.000	PEAK

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 : 2010/09/22 - 17:20**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2437MHz)**

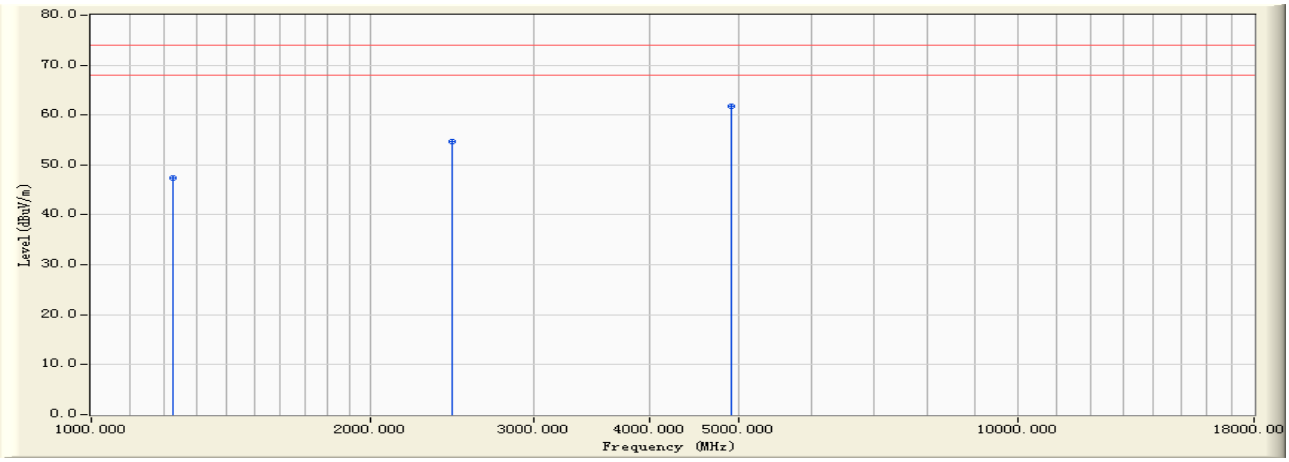


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.350	-5.759	34.160	28.402	-25.598	54.000	AVERAGE
2		2437.160	0.510	33.180	33.690	-20.310	54.000	AVERAGE
3	*	4875.160	7.459	34.120	41.579	-12.421	54.000	AVERAGE

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 : 2010/09/22 - 17:23**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2452MHz)**

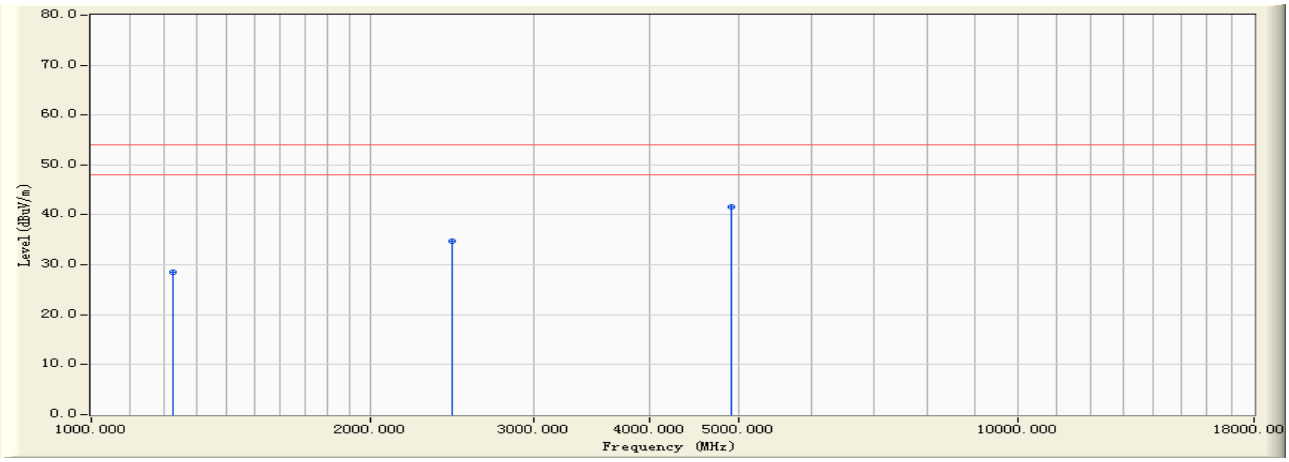


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1227.350	-5.671	53.160	47.489	-26.511	74.000	PEAK
2		2452.130	0.560	54.160	54.720	-19.280	74.000	PEAK
3	*	4905.170	7.526	54.190	61.716	-12.284	74.000	PEAK

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 : 2010/09/22- 17:23**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2452MHz)**

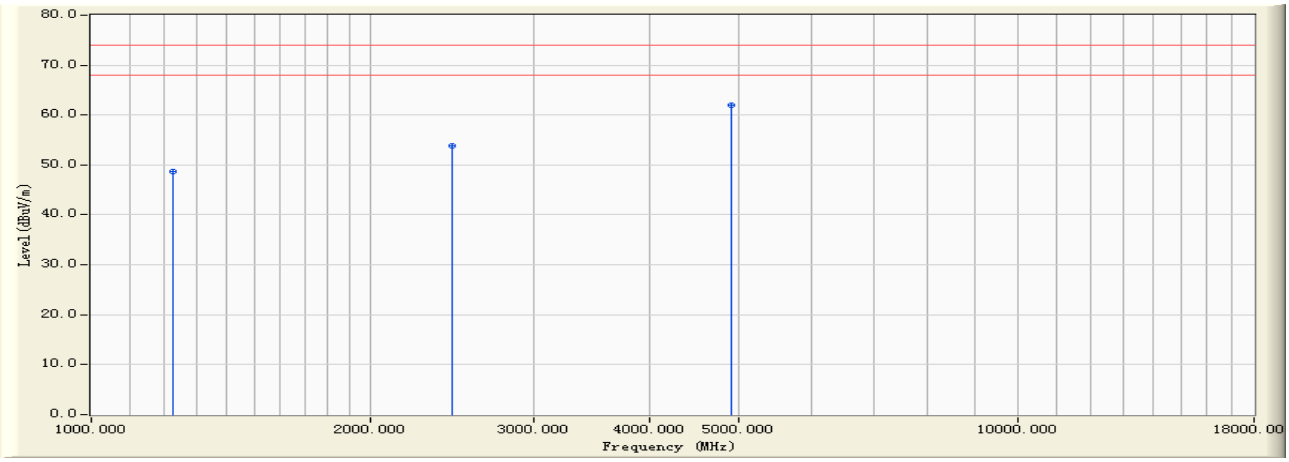


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1227.350	-5.671	34.160	28.489	-25.511	54.000	AVERAGE
2		2452.130	0.560	34.190	34.750	-19.250	54.000	AVERAGE
3	*	4905.170	7.526	34.160	41.686	-12.314	54.000	AVERAGE

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 : 2010/09/22 - 17:25**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2452MHz)**

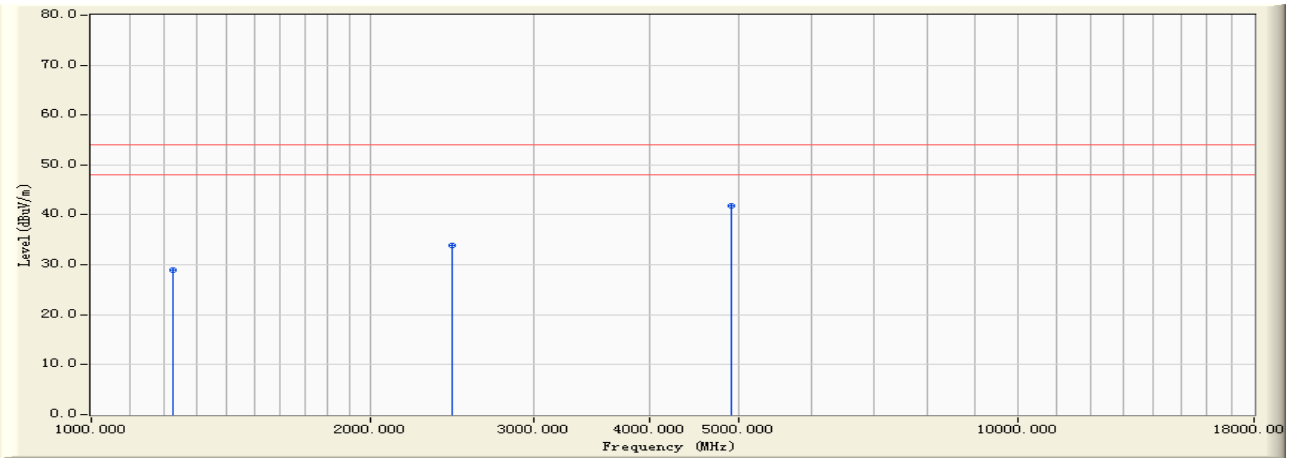


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1227.350	-5.671	54.320	48.649	-25.351	74.000	PEAK
2		2452.140	0.560	53.190	53.750	-20.250	74.000	PEAK
3	*	4905.160	7.526	54.360	61.886	-12.114	74.000	PEAK

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 : 2010/09/22 - 17:25**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0) (2452MHz)**

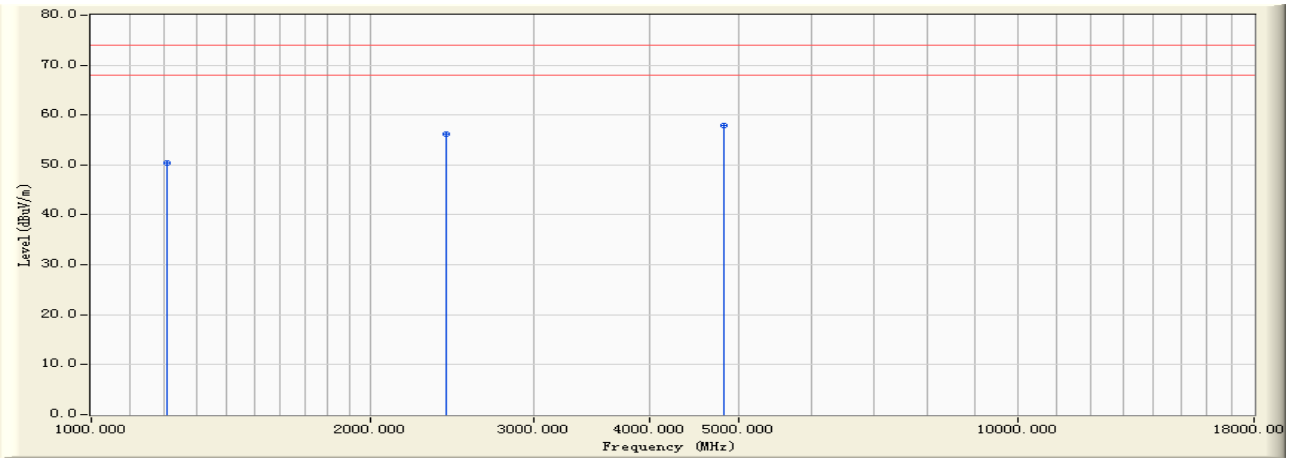


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1227.350	-5.671	34.620	28.949	-25.051	54.000	AVERAGE
2		2452.140	0.560	33.260	33.820	-20.180	54.000	AVERAGE
3	*	4905.160	7.526	34.260	41.786	-12.214	54.000	AVERAGE

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 : 2010/09/26 - 18:02**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2412MHz)**

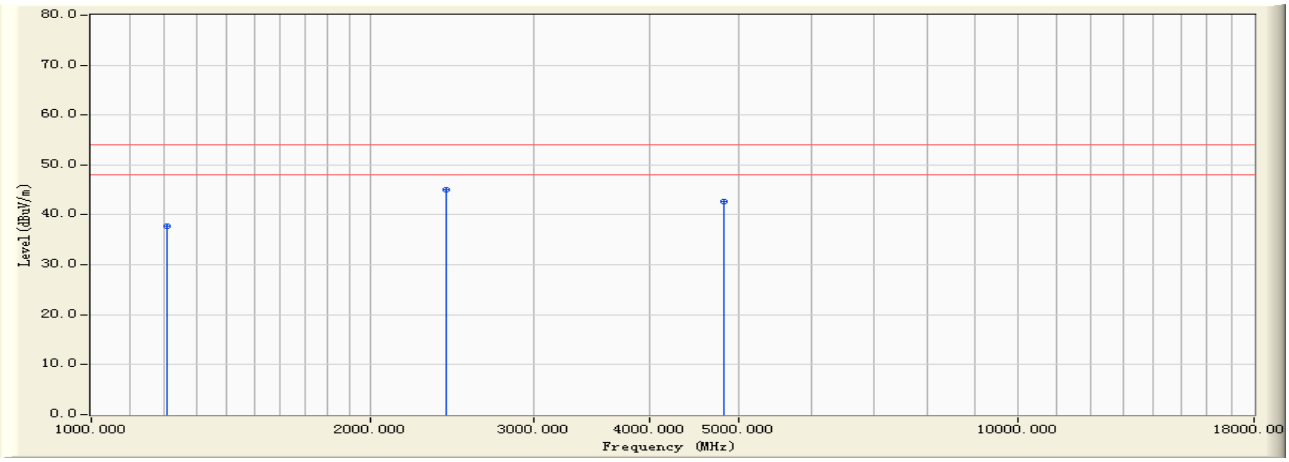


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1208.350	-5.874	56.240	50.367	-23.633	74.000	PEAK
2		2412.130	0.428	55.870	56.299	-17.701	74.000	PEAK
3	*	4825.360	7.350	50.590	57.941	-16.059	74.000	PEAK

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 : 2010/09/26 - 18:02**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2412MHz)**

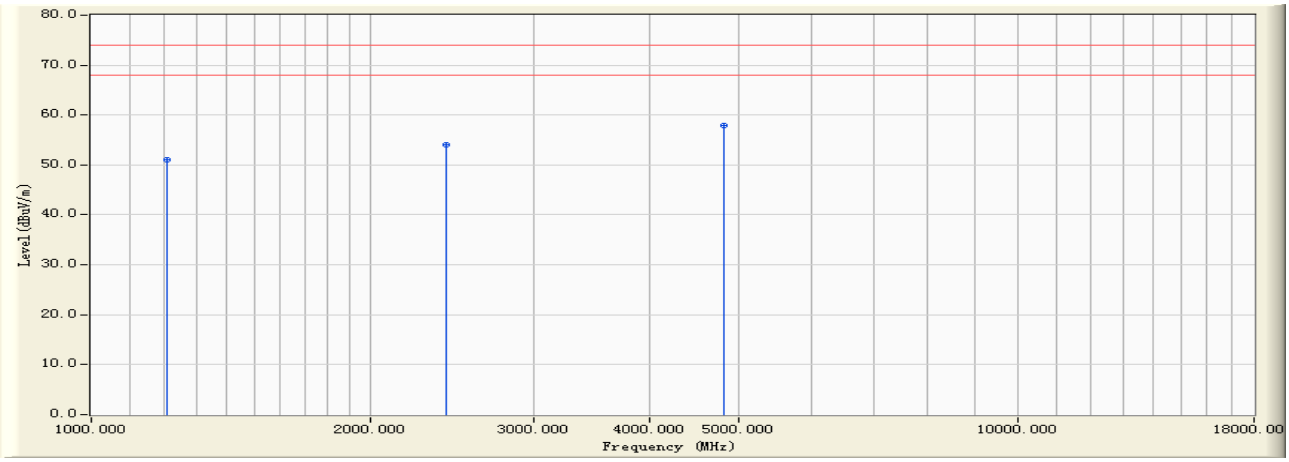


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1208.350	-5.874	43.570	37.697	-16.303	54.000	AVERAGE
2	*	2412.130	0.428	44.680	45.109	-8.891	54.000	AVERAGE
3		4825.360	7.350	35.420	42.771	-11.229	54.000	AVERAGE

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 : 2010/09/26 - 18:03**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2412MHz)**

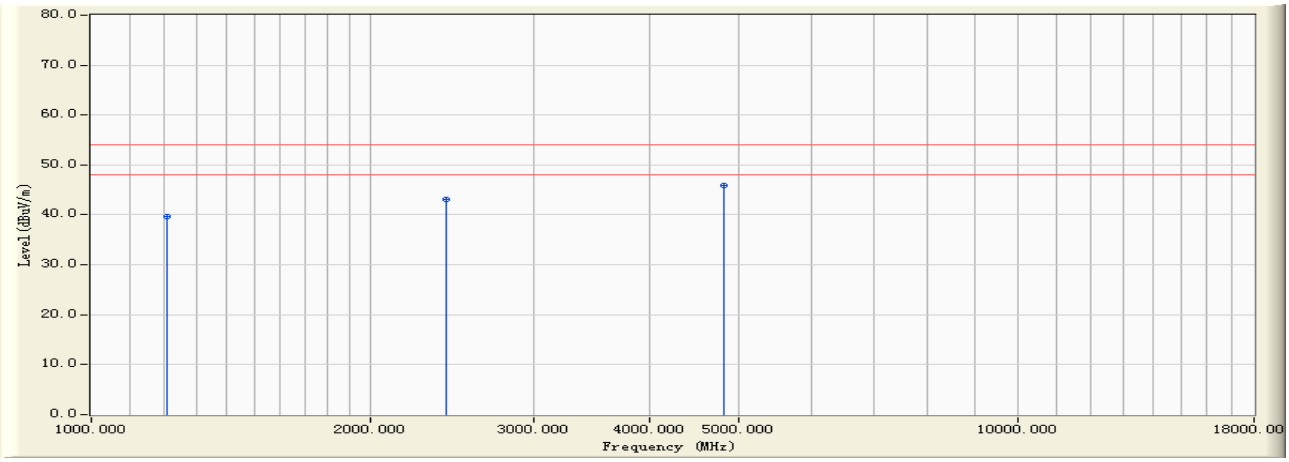


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.630	-5.882	56.980	51.099	-22.901	74.000	PEAK
2		2412.370	0.429	53.540	53.970	-20.030	74.000	PEAK
3	*	4826.300	7.353	50.490	57.843	-16.157	74.000	PEAK

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 : 2010/09/26 - 18:03**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2412MHz)**

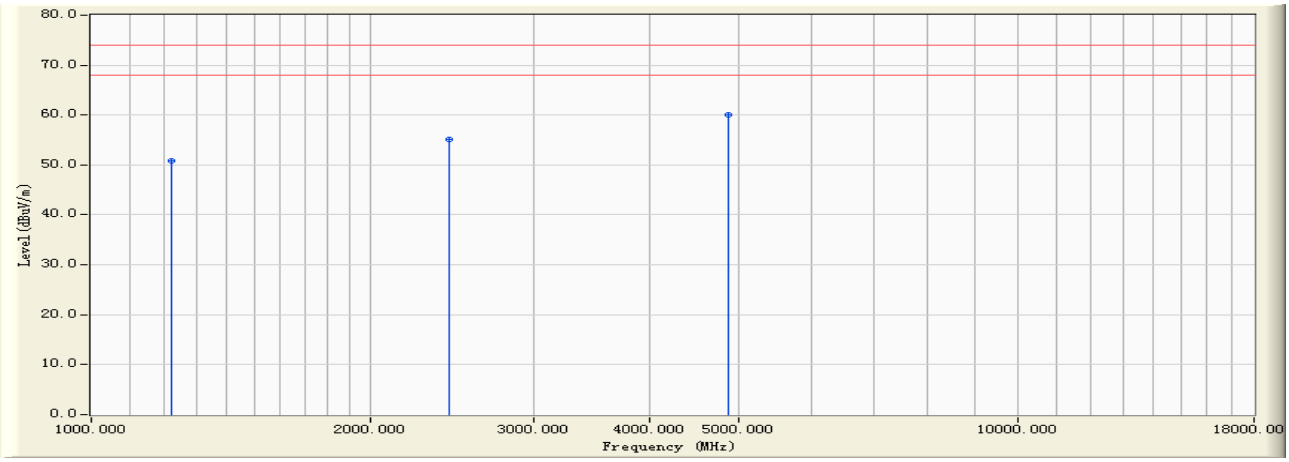


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1207.630	-5.882	45.570	39.689	-14.311	54.000	AVERAGE
2		2412.370	0.429	42.670	43.100	-10.900	54.000	AVERAGE
3	*	4826.300	7.353	38.590	45.943	-8.057	54.000	AVERAGE

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 : 2010/09/26 - 18:04**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2437MHz)**

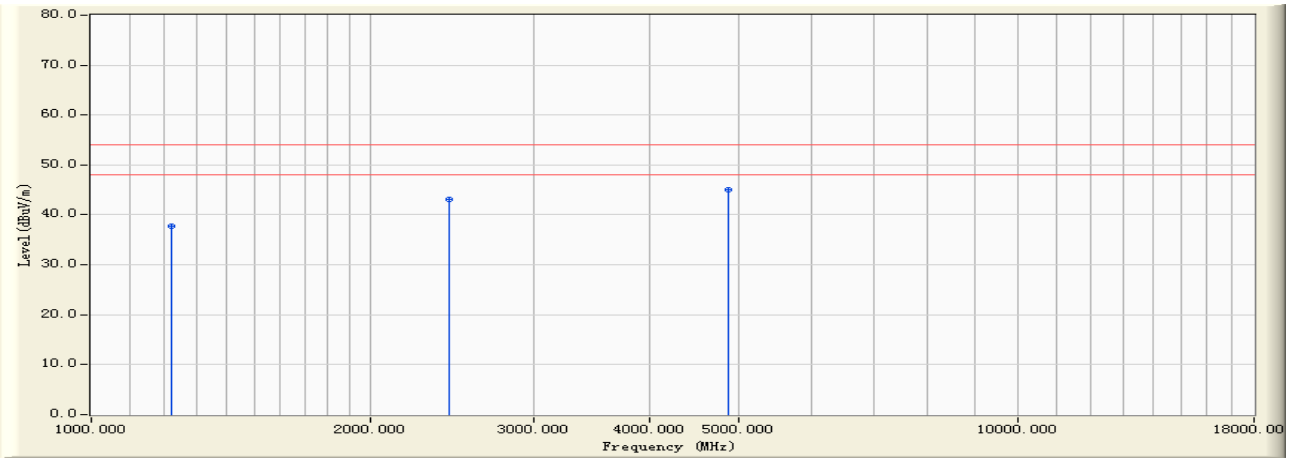


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.360	-5.748	56.540	50.792	-23.208	74.000	PEAK
2		2437.040	0.509	54.590	55.099	-18.901	74.000	PEAK
3	*	4876.520	7.462	52.630	60.092	-13.908	74.000	PEAK

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 : 2010/09/26 - 18:04**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2437MHz)**

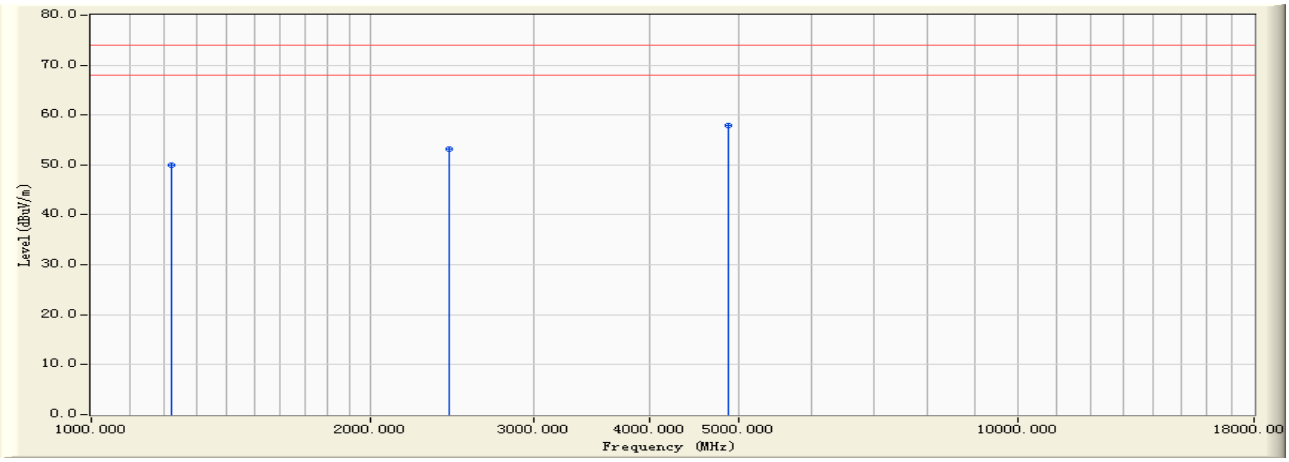


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.360	-5.748	43.580	37.832	-16.168	54.000	AVERAGE
2		2437.040	0.509	42.670	43.179	-10.821	54.000	AVERAGE
3	*	4876.520	7.462	37.590	45.052	-8.948	54.000	AVERAGE

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 : 2010/09/26 - 18:06**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2437MHz)**

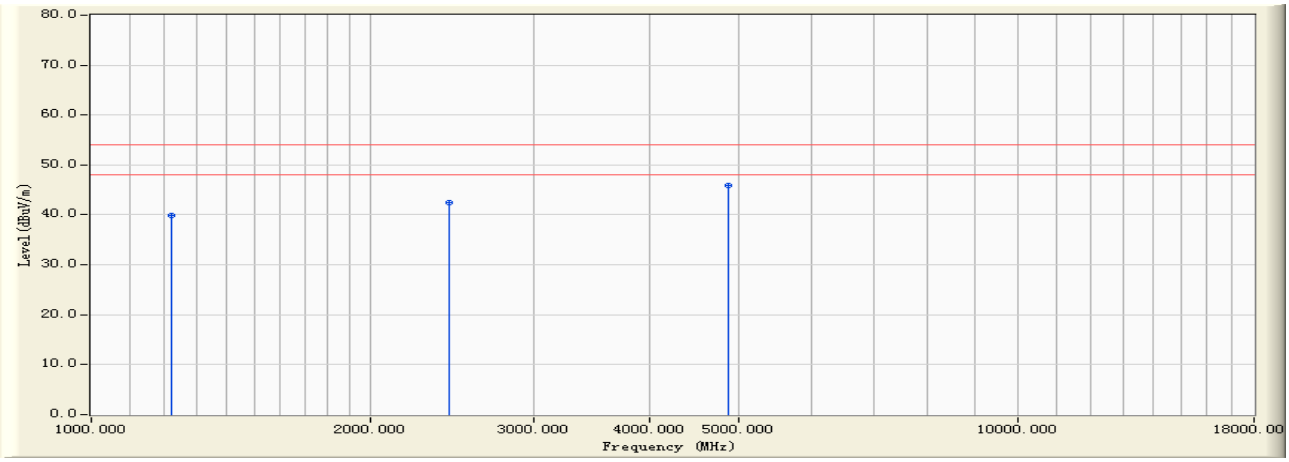


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.680	-5.756	55.670	49.915	-24.085	74.000	PEAK
2		2437.510	0.510	52.690	53.201	-20.799	74.000	PEAK
3	*	4876.590	7.462	50.470	57.932	-16.068	74.000	PEAK

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 : 2010/09/26 - 18:06**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2437MHz)**

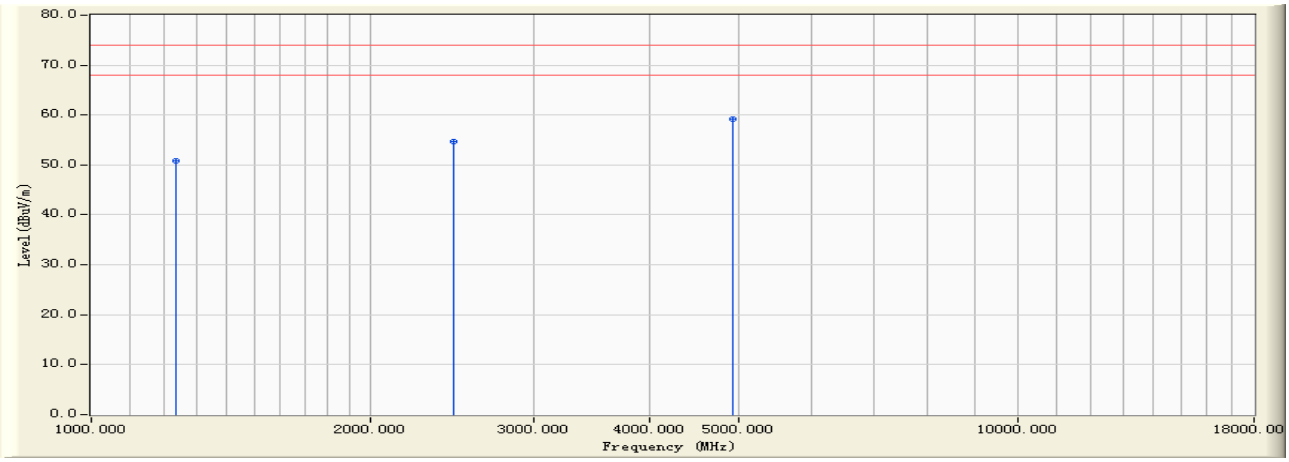


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.680	-5.756	45.570	39.815	-14.185	54.000	AVERAGE
2		2437.510	0.510	42.060	42.571	-11.429	54.000	AVERAGE
3	*	4876.590	7.462	38.520	45.982	-8.018	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/26 - 18:07**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2462MHz)**

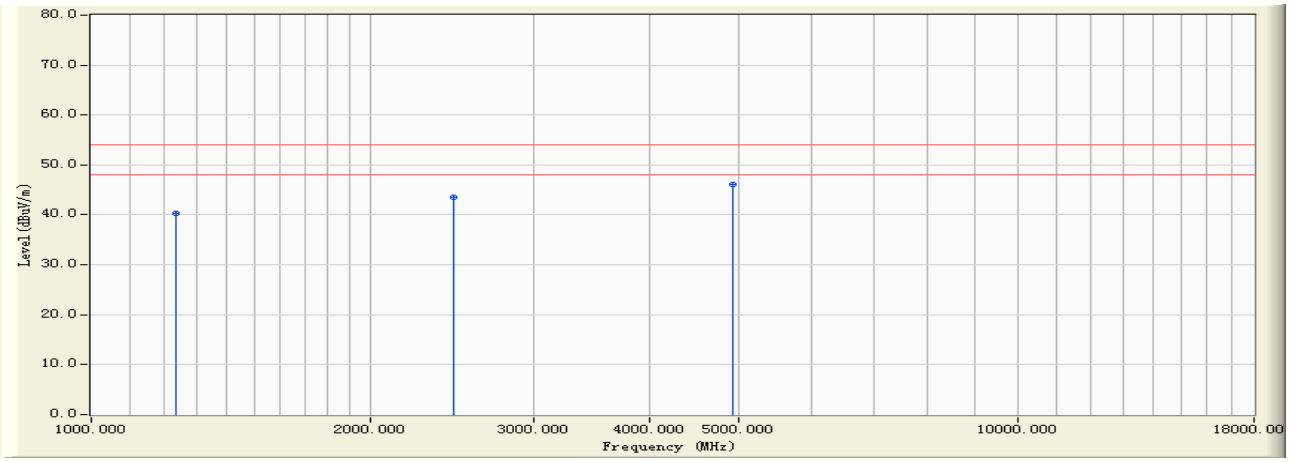


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1235.670	-5.576	56.350	50.773	-23.227	74.000	PEAK
2		2462.510	0.601	54.020	54.621	-19.379	74.000	PEAK
3	*	4926.300	7.570	51.540	59.110	-14.890	74.000	PEAK

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 : 2010/09/26 - 18:07**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2462MHz)**

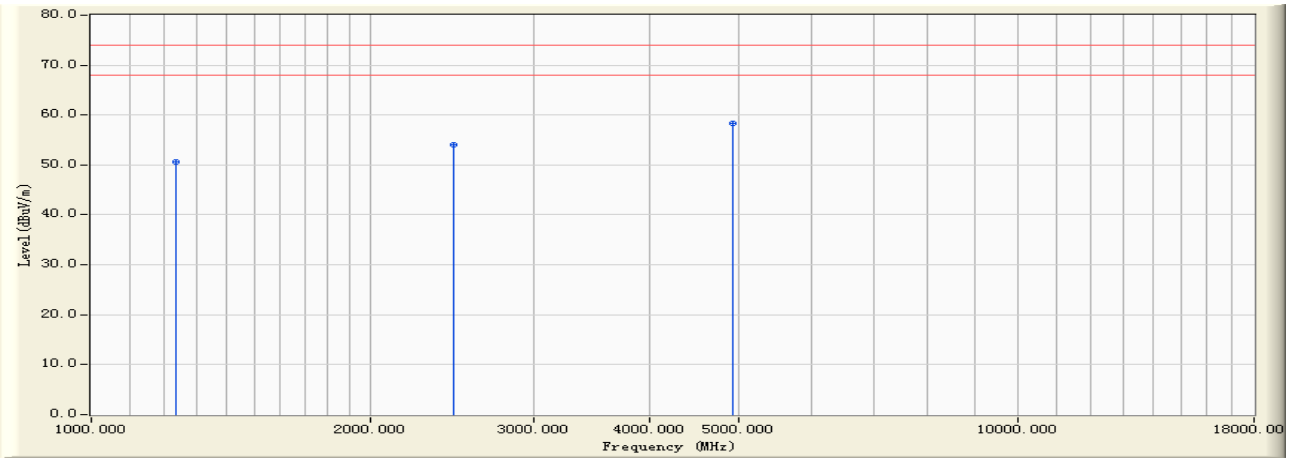


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1235.670	-5.576	45.840	40.263	-13.737	54.000	AVERAGE
2		2462.510	0.601	42.950	43.551	-10.449	54.000	AVERAGE
3	*	4926.300	7.570	38.520	46.090	-7.910	54.000	AVERAGE

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 : 2010/09/26 - 18:08**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2462MHz)**

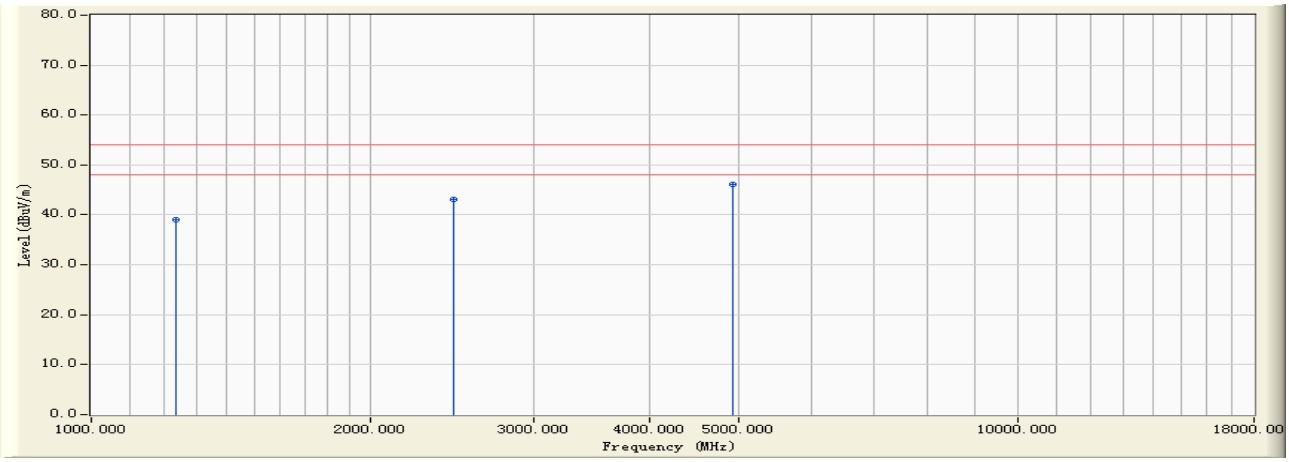


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1234.520	-5.590	56.310	50.720	-23.280	74.000	PEAK
2		2462.040	0.600	53.510	54.110	-19.890	74.000	PEAK
3	*	4926.570	7.570	50.830	58.400	-15.600	74.000	PEAK

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 : 2010/09/26 - 18:08**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1) (2462MHz)**

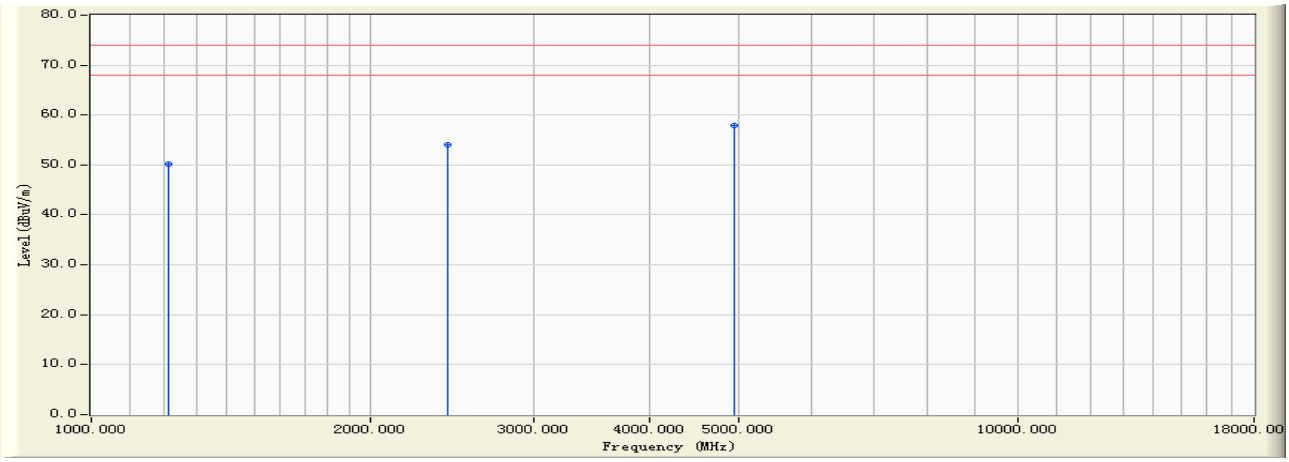


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1234.520	-5.590	44.520	38.930	-15.070	54.000	AVERAGE
2		2462.040	0.600	42.590	43.190	-10.810	54.000	AVERAGE
3	*	4926.570	7.570	38.610	46.180	-7.820	54.000	AVERAGE

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 : 2010/09/26 - 18:09**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2422MHz)**

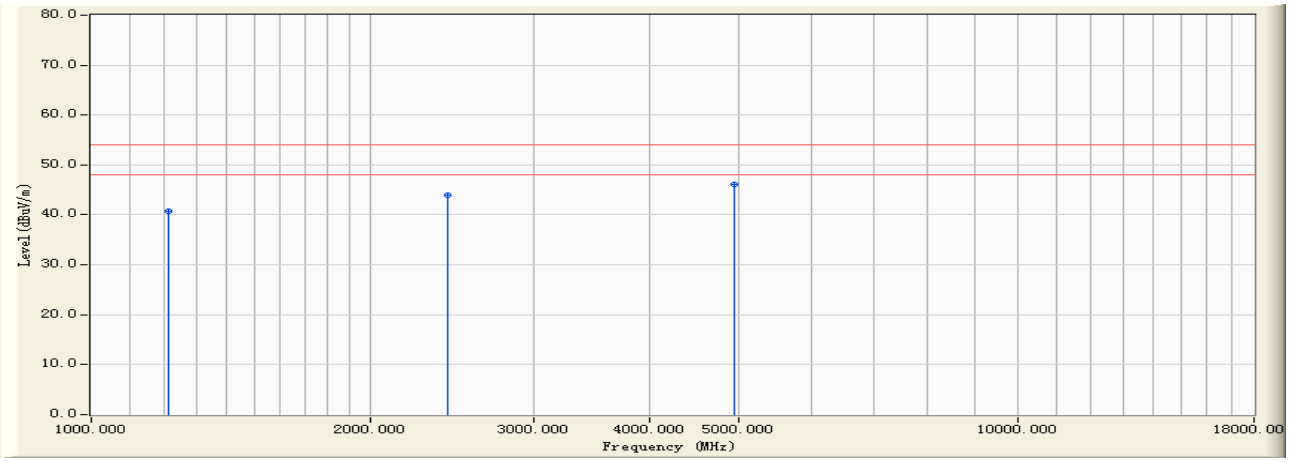


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1213.580	-5.819	55.940	50.121	-23.879	74.000	PEAK
2		2422.500	0.464	53.620	54.084	-19.916	74.000	PEAK
3	*	4946.570	7.612	50.190	57.802	-16.198	74.000	PEAK

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 : 2010/09/26 - 18:09**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2422MHz)**

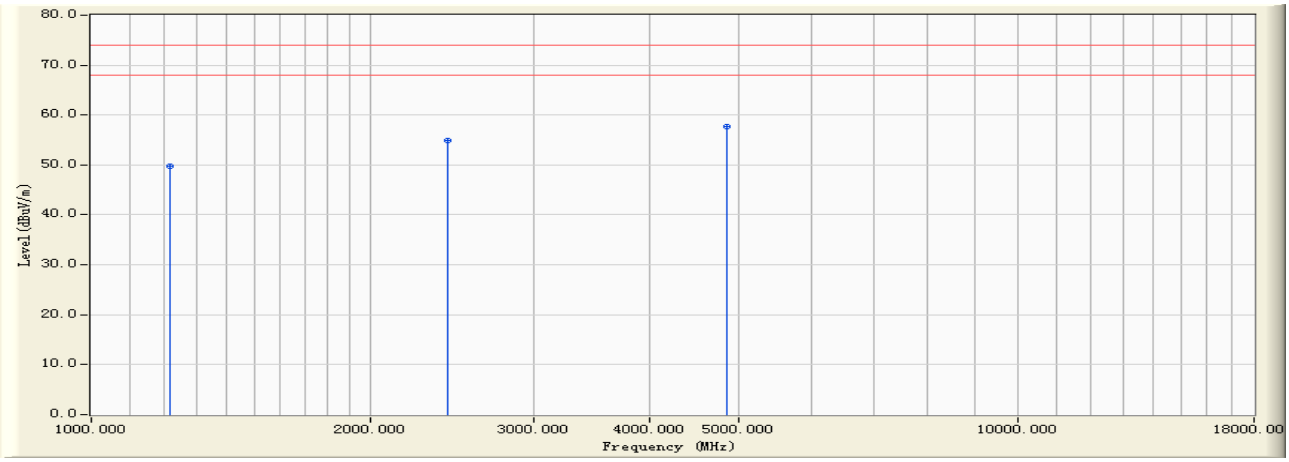


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1213.580	-5.819	46.590	40.771	-13.229	54.000	AVERAGE
2		2422.500	0.464	43.570	44.034	-9.966	54.000	AVERAGE
3	*	4946.570	7.612	38.510	46.122	-7.878	54.000	AVERAGE

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 : 2010/09/26 - 18:10**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2422MHz)**

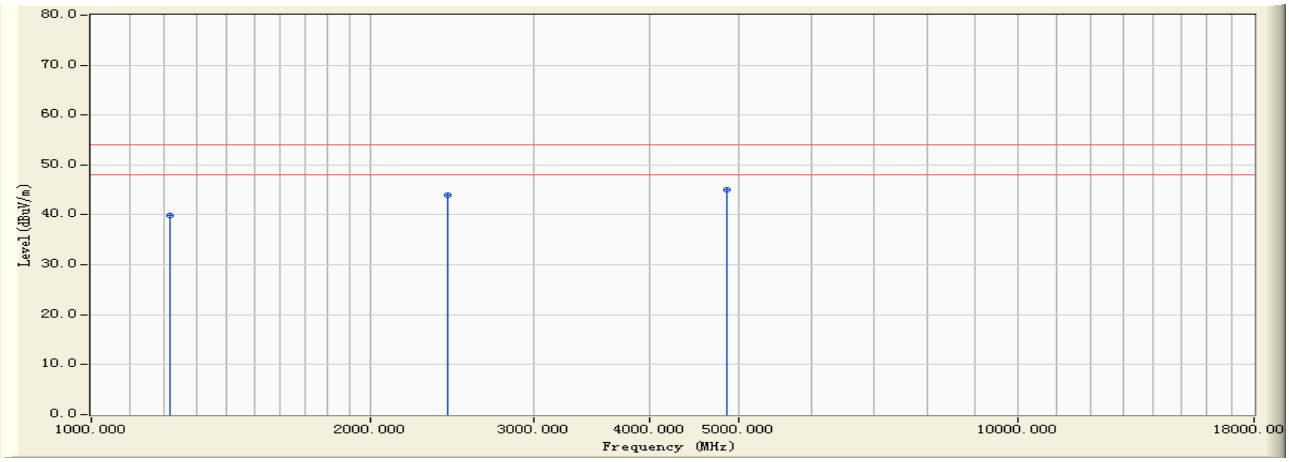


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1215.680	-5.796	55.470	49.673	-24.327	74.000	PEAK
2		2422.530	0.464	54.510	54.974	-19.026	74.000	PEAK
3	*	4846.970	7.397	50.310	57.706	-16.294	74.000	PEAK

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 : 2010/09/26 - 18:10**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2422MHz)**

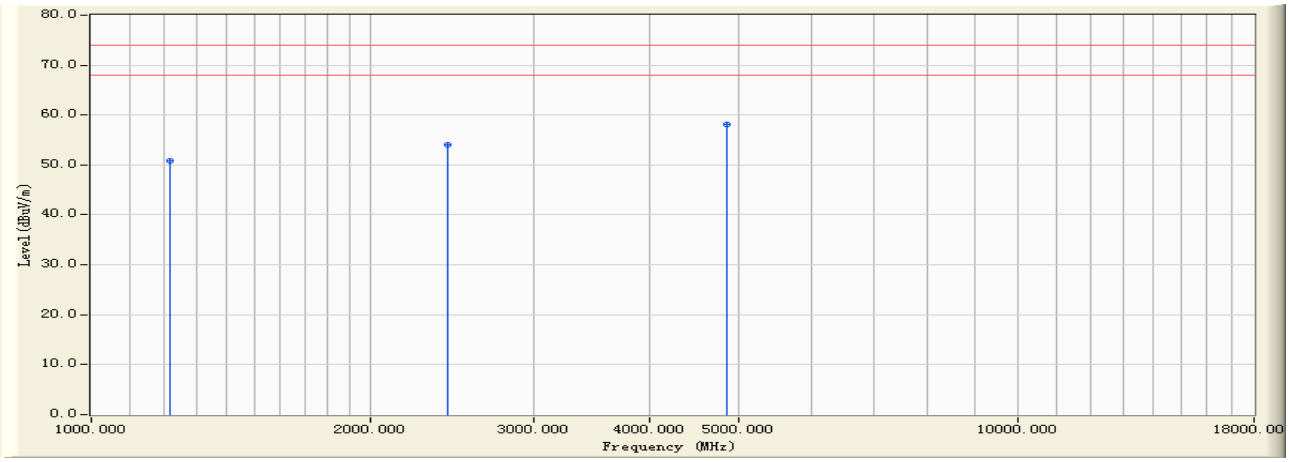


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1215.680	-5.796	45.680	39.883	-14.117	54.000	AVERAGE
2		2422.530	0.464	43.510	43.974	-10.026	54.000	AVERAGE
3	*	4846.970	7.397	37.640	45.036	-8.964	54.000	AVERAGE

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 : 2010/09/26 - 18:11**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2437MHz)**

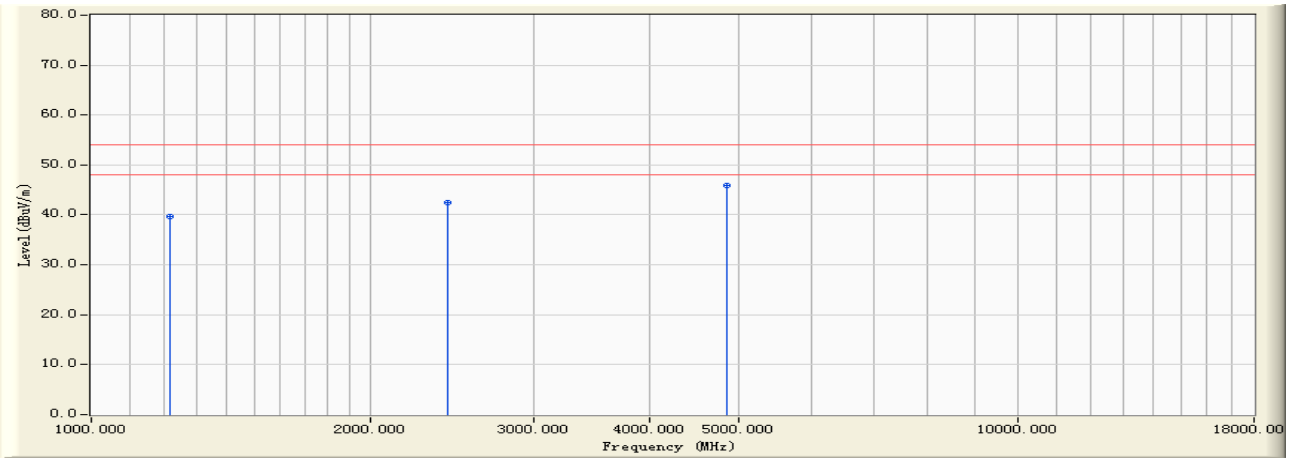


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1216.530	-5.788	56.590	50.802	-23.198	74.000	PEAK
2		2422.070	0.462	53.480	53.943	-20.057	74.000	PEAK
3	*	4847.590	7.398	50.640	58.038	-15.962	74.000	PEAK

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 : 2010/09/26 - 18:11**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2437MHz)**

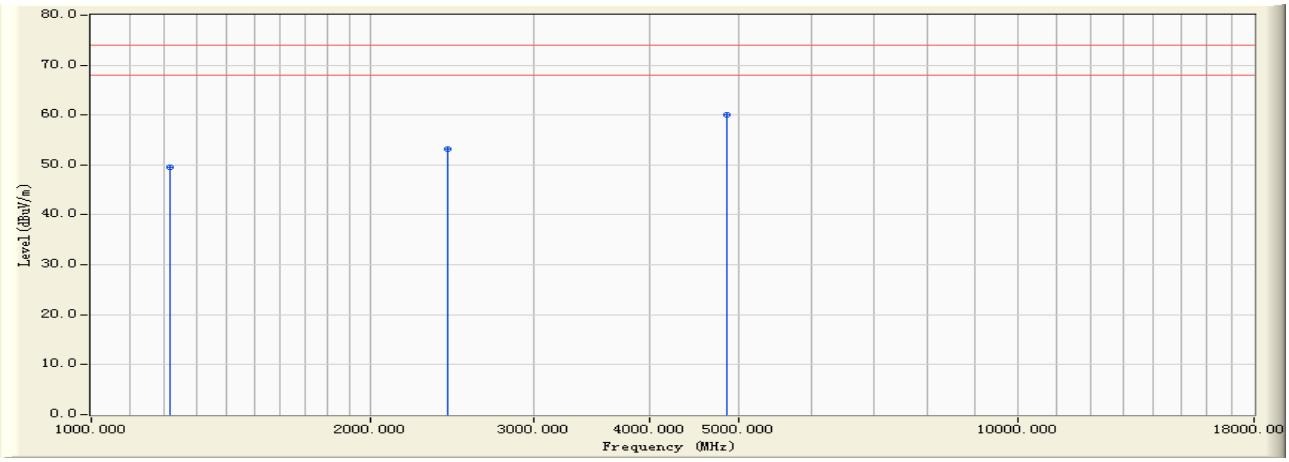


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1216.530	-5.788	45.510	39.722	-14.278	54.000	AVERAGE
2		2422.070	0.462	41.950	42.413	-11.587	54.000	AVERAGE
3	*	4847.590	7.398	38.510	45.908	-8.092	54.000	AVERAGE

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 : 2010/09/26 - 18:12**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2437MHz)**

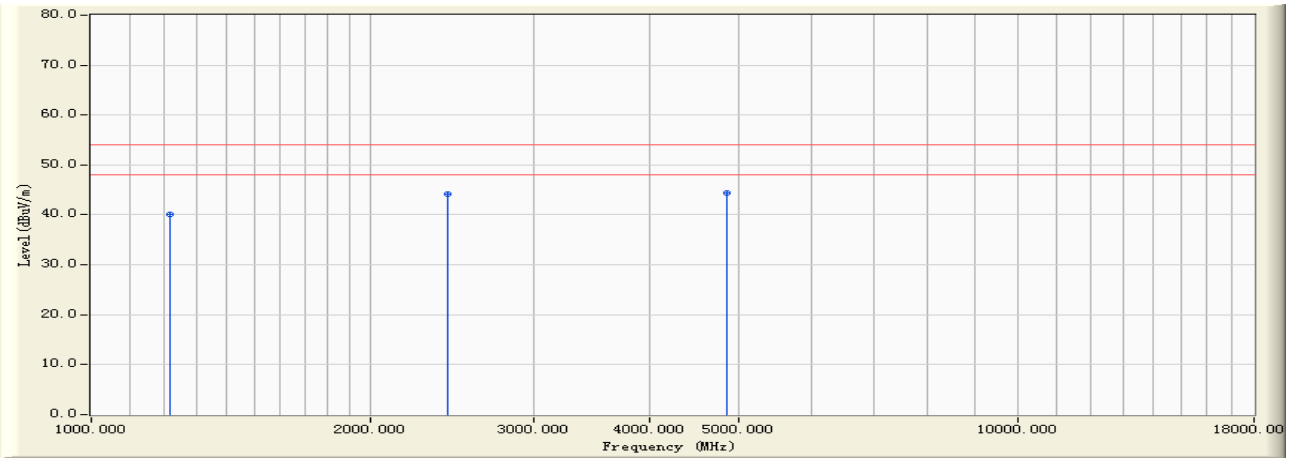


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1214.690	-5.807	55.340	49.533	-24.467	74.000	PEAK
2		2422.820	0.465	52.670	53.135	-20.865	74.000	PEAK
3	*	4846.590	7.395	52.630	60.025	-13.975	74.000	PEAK

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 : 2010/09/26 - 18:12**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2437MHz)**

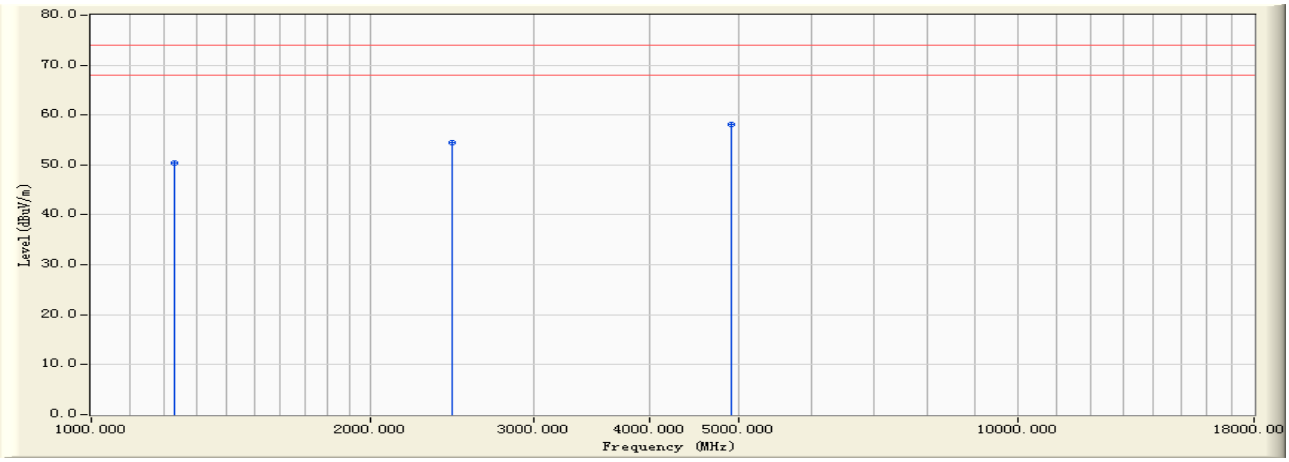


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1214.690	-5.807	45.850	40.043	-13.957	54.000	AVERAGE
2		2422.820	0.465	43.650	44.115	-9.885	54.000	AVERAGE
3	*	4846.590	7.395	36.960	44.355	-9.645	54.000	AVERAGE

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 : 2010/09/26 - 18:14**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2452MHz)**

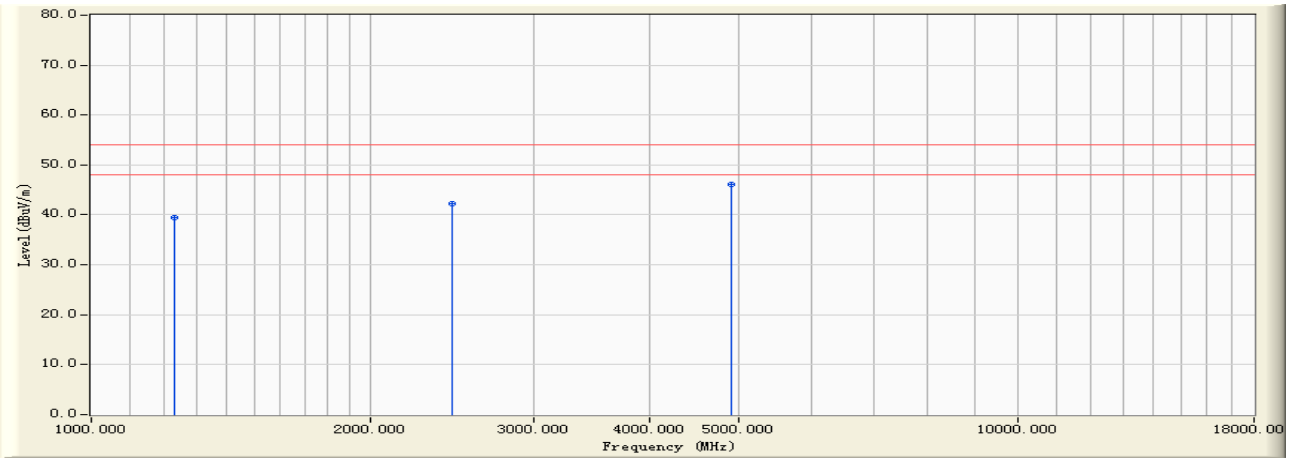


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.670	-5.657	55.960	50.303	-23.697	74.000	PEAK
2		2452.640	0.562	53.840	54.402	-19.598	74.000	PEAK
3	*	4905.610	7.527	50.520	58.047	-15.953	74.000	PEAK

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 : 2010/09/26 - 18:14**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2452MHz)**

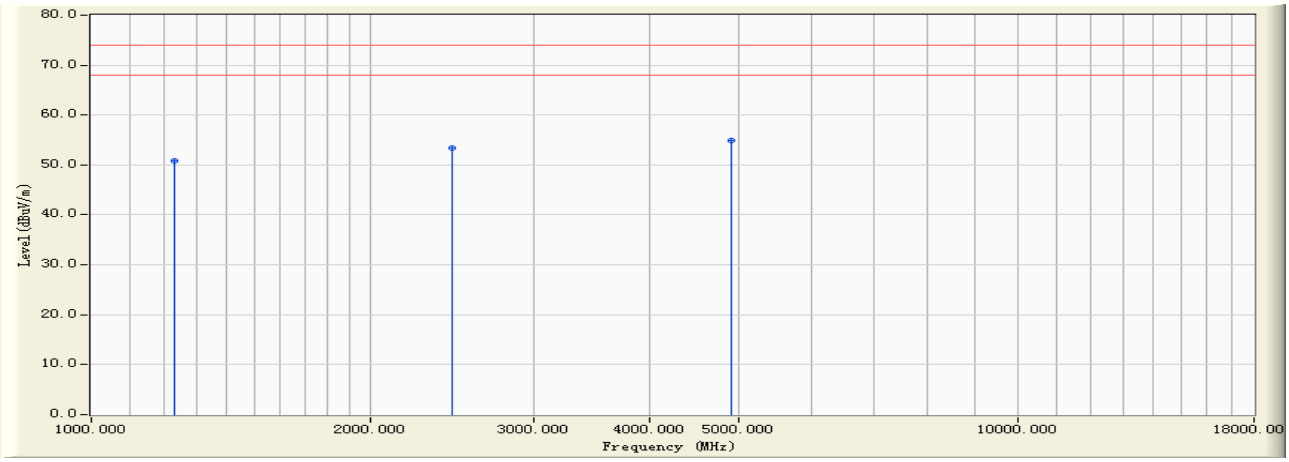


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.670	-5.657	45.210	39.553	-14.447	54.000	AVERAGE
2		2452.640	0.562	41.640	42.202	-11.798	54.000	AVERAGE
3	*	4905.610	7.527	38.510	46.037	-7.963	54.000	AVERAGE

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 : 2010/09/26 - 18:15**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2452MHz)**

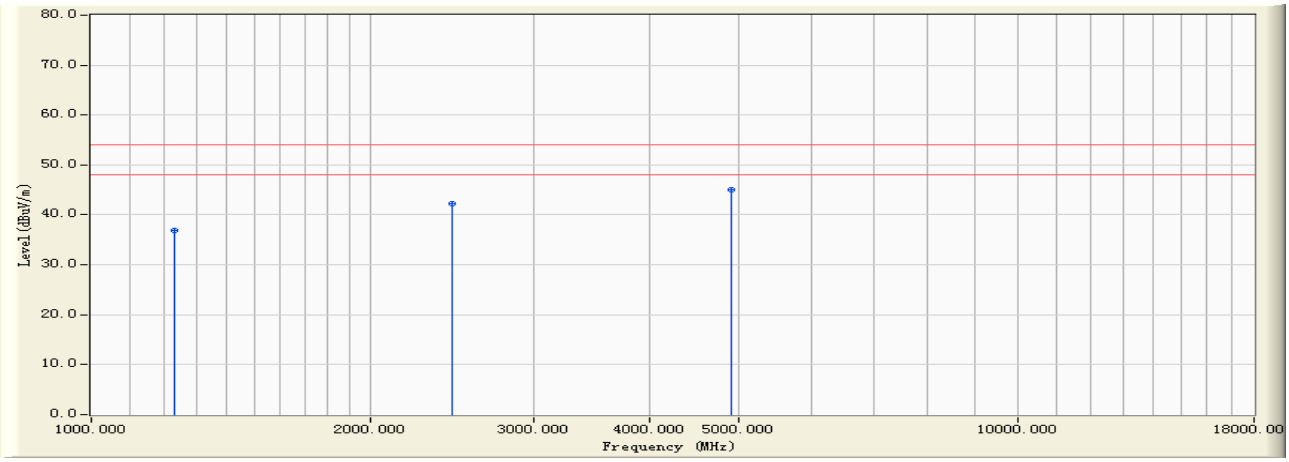


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.950	-5.654	56.510	50.857	-23.143	74.000	PEAK
2		2453.060	0.563	52.840	53.404	-20.596	74.000	PEAK
3	*	4906.850	7.529	47.330	54.859	-19.141	74.000	PEAK

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 : 2010/09/26 - 18:15**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1) (2452MHz)**

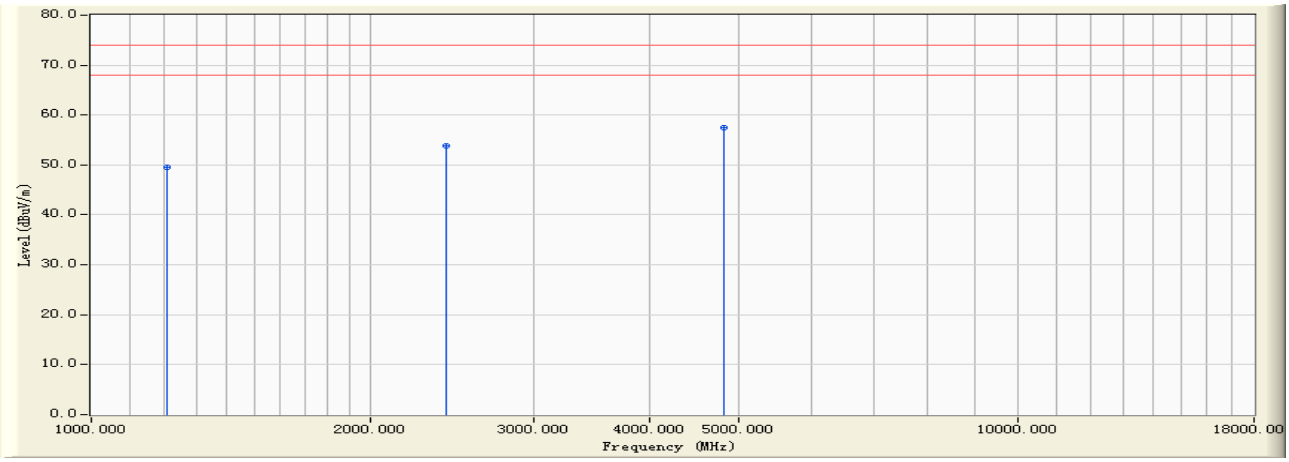


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.950	-5.654	42.630	36.977	-17.023	54.000	AVERAGE
2		2453.060	0.563	41.670	42.234	-11.766	54.000	AVERAGE
3	*	4906.850	7.529	37.590	45.119	-8.881	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/26 - 18:17**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)**

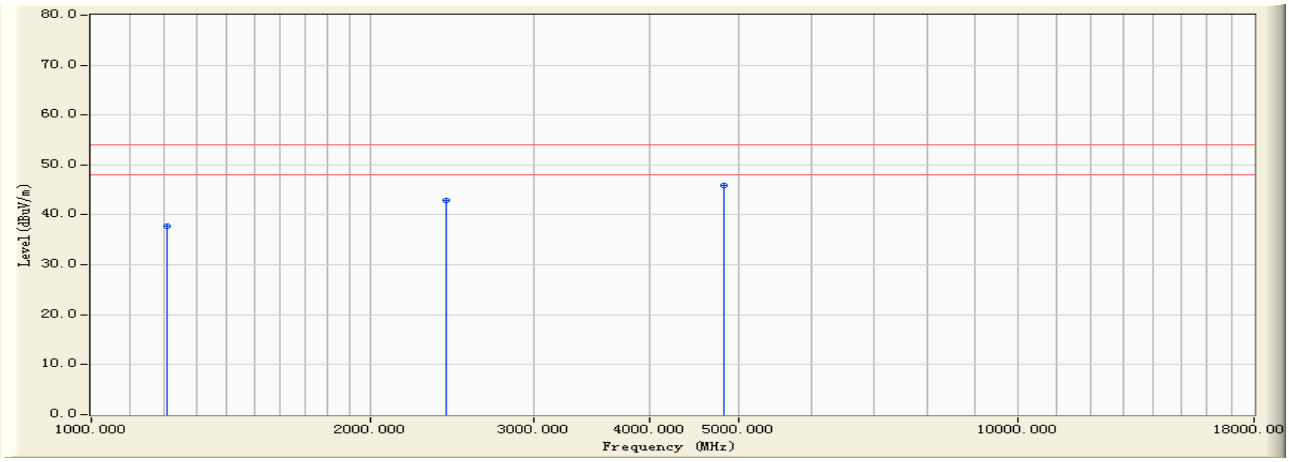


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1208.620	-5.871	55.470	49.599	-24.401	74.000	PEAK
2		2412.560	0.430	53.480	53.910	-20.090	74.000	PEAK
3	*	4825.310	7.350	50.080	57.431	-16.569	74.000	PEAK

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 : 2010/09/26 - 18:17**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)**

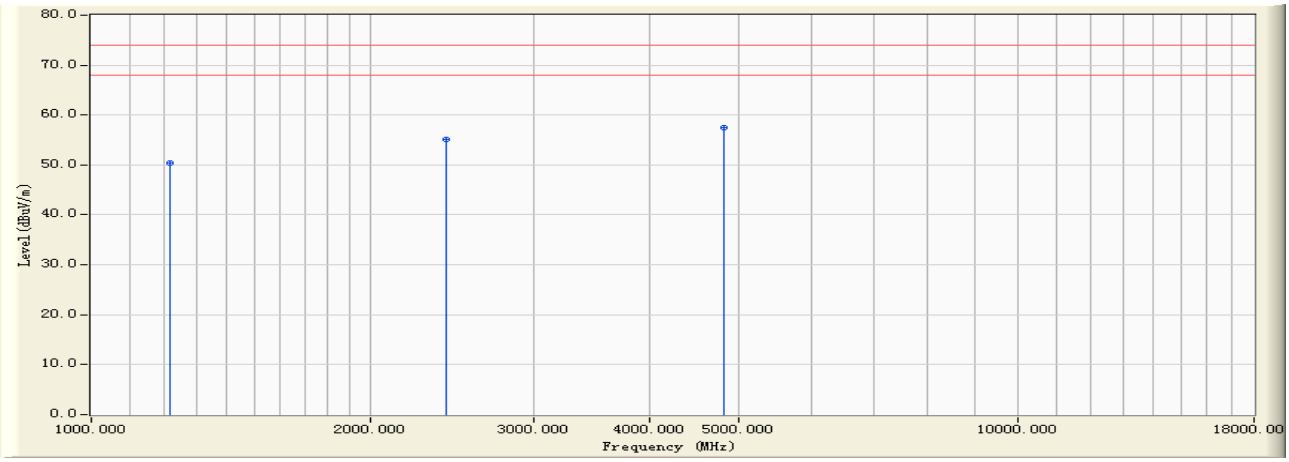


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1208.620	-5.871	43.570	37.699	-16.301	54.000	AVERAGE
2		2412.560	0.430	42.510	42.940	-11.060	54.000	AVERAGE
3	*	4825.310	7.350	38.510	45.861	-8.139	54.000	AVERAGE

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 : 2010/09/26 - 18:19**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)**

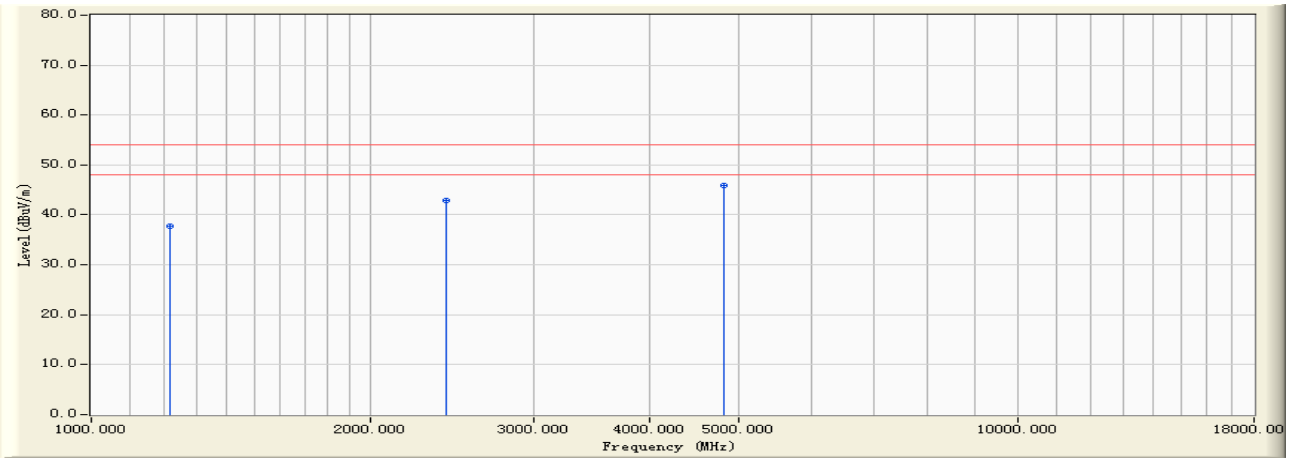


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1217.680	-5.775	56.240	50.464	-23.536	74.000	PEAK
2		2412.350	0.429	54.590	55.020	-18.980	74.000	PEAK
3	*	4825.610	7.351	50.160	57.511	-16.489	74.000	PEAK

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 : 2010/09/26 - 18:19**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2412MHz)**

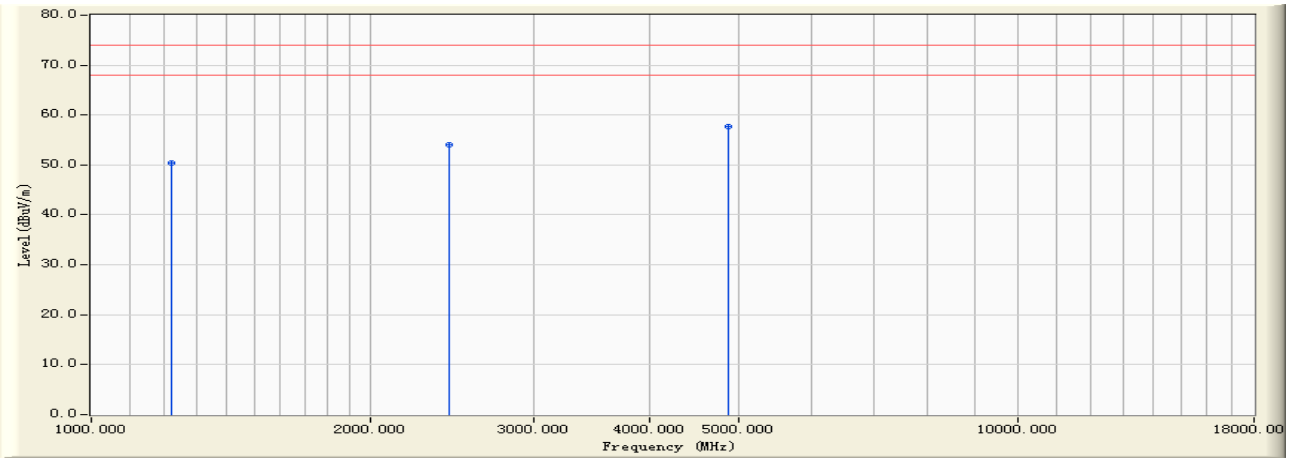


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1217.680	-5.775	43.570	37.794	-16.206	54.000	AVERAGE
2		2412.350	0.429	42.510	42.940	-11.060	54.000	AVERAGE
3	*	4825.610	7.351	38.540	45.891	-8.109	54.000	AVERAGE

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 : 2010/09/26 - 18:20**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)**

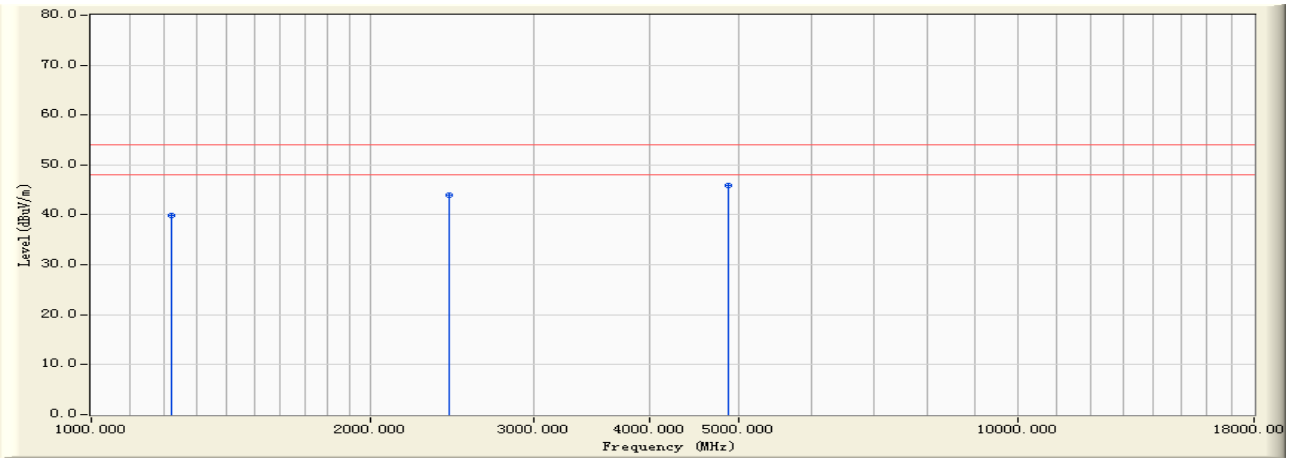


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.360	-5.748	56.250	50.502	-23.498	74.000	PEAK
2		2437.040	0.509	53.520	54.029	-19.971	74.000	PEAK
3	*	4876.530	7.462	50.290	57.752	-16.248	74.000	PEAK

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 : 2010/09/26 - 18:20**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)**

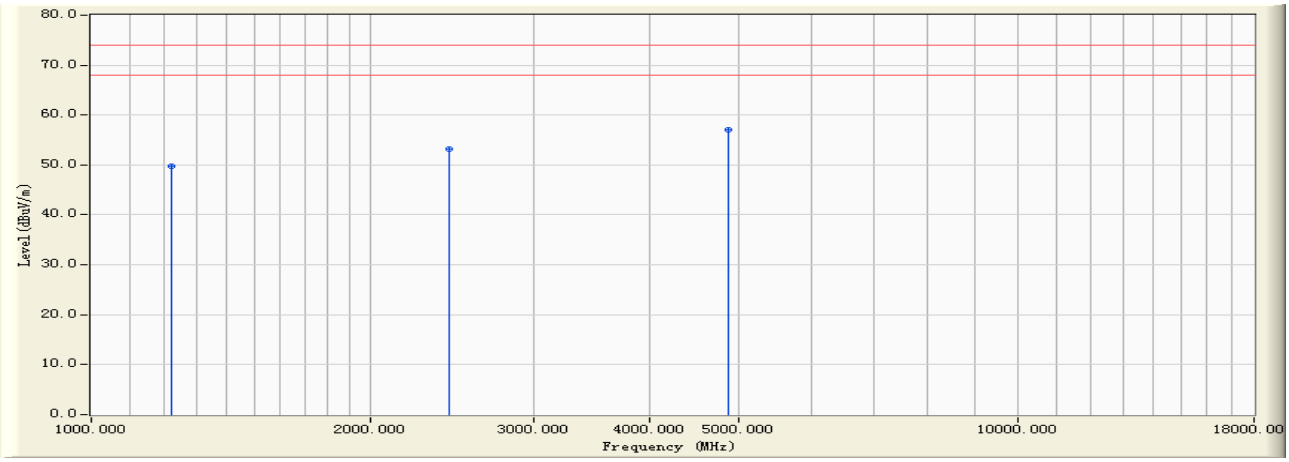


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.360	-5.748	45.610	39.862	-14.138	54.000	AVERAGE
2		2437.040	0.509	43.510	44.019	-9.981	54.000	AVERAGE
3	*	4876.530	7.462	38.520	45.982	-8.018	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/26 - 18:22**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)**

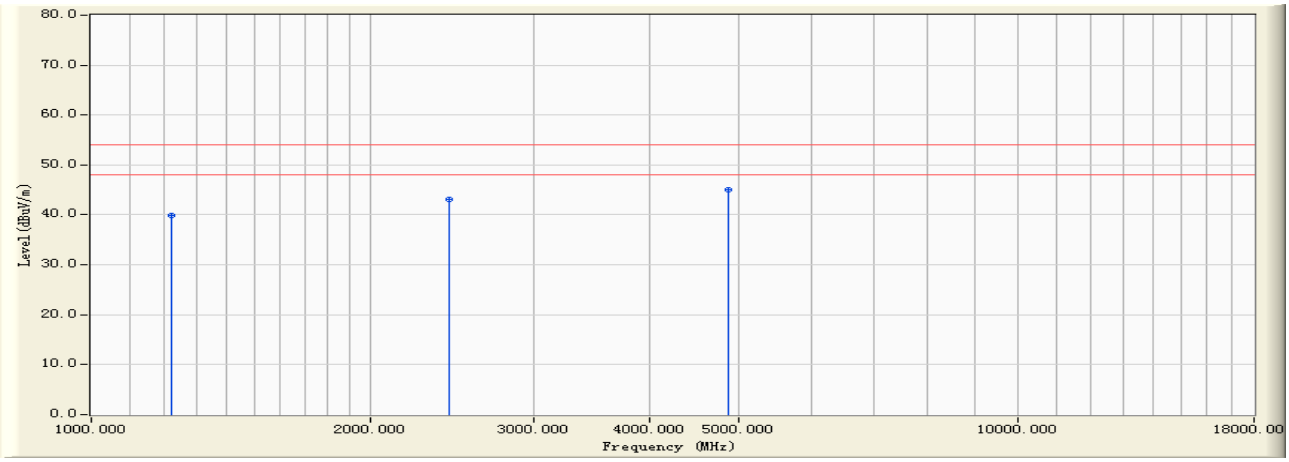


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.640	-5.756	55.480	49.725	-24.275	74.000	PEAK
2		2437.520	0.510	52.670	53.181	-20.819	74.000	PEAK
3	*	4875.610	7.460	49.650	57.110	-16.890	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/26 - 18:22**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2437MHz)**

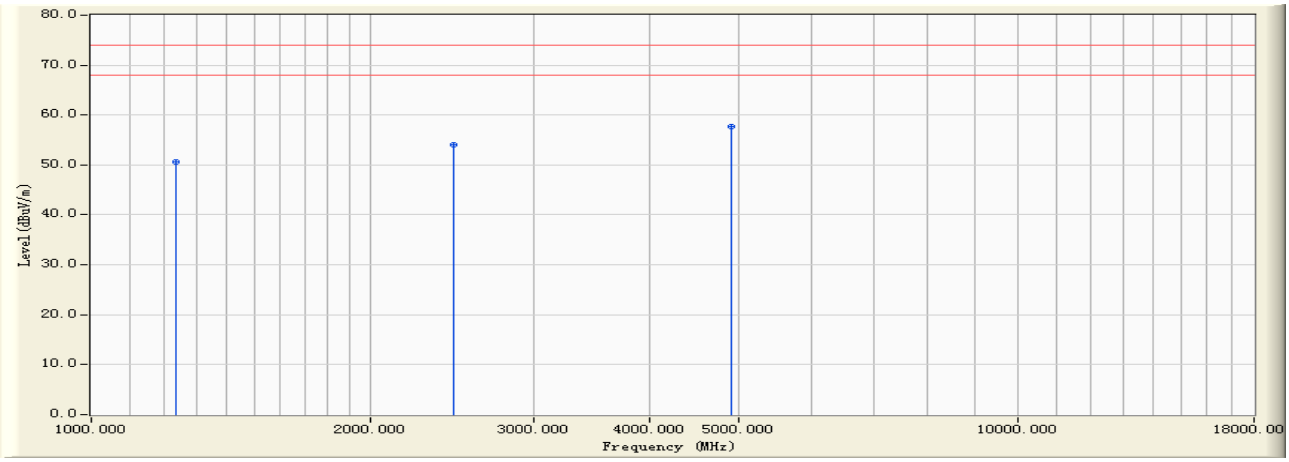


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.640	-5.756	45.610	39.855	-14.145	54.000	AVERAGE
2		2437.520	0.510	42.650	43.161	-10.839	54.000	AVERAGE
3	*	4875.610	7.460	37.640	45.100	-8.900	54.000	AVERAGE

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 : 2010/09/26 - 18:23**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)**

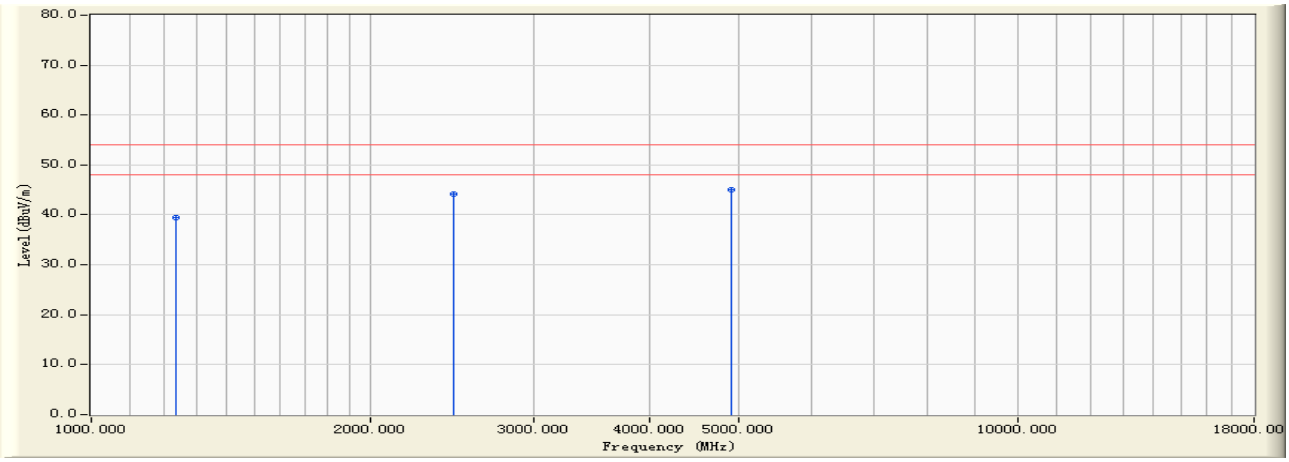


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1233.640	-5.601	56.310	50.710	-23.290	74.000	PEAK
2		2462.060	0.600	53.540	54.140	-19.860	74.000	PEAK
3	*	4905.310	7.526	50.150	57.677	-16.323	74.000	PEAK

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 : 2010/09/26 - 18:23**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)**

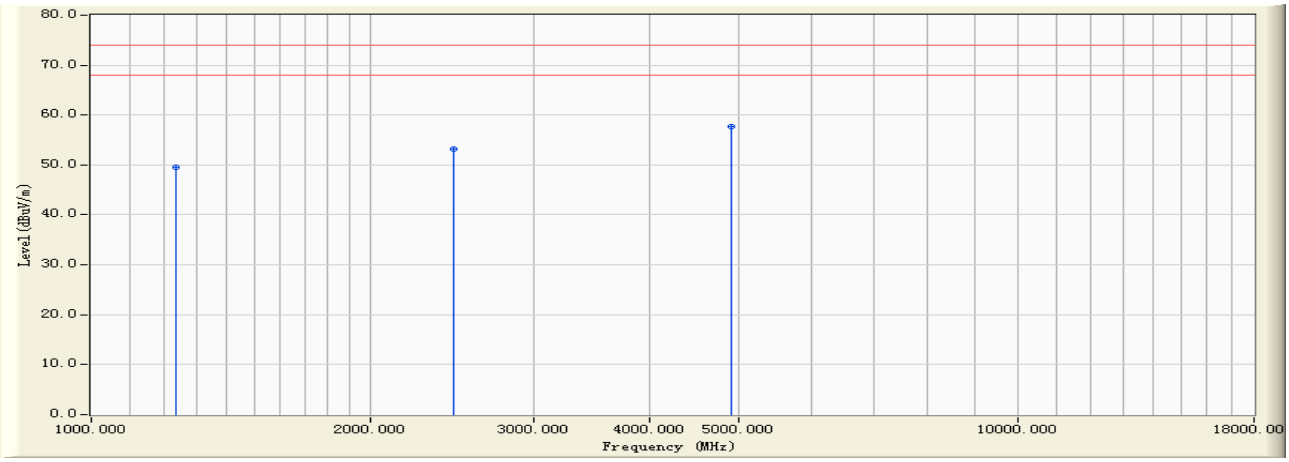


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1233.640	-5.601	45.160	39.560	-14.440	54.000	AVERAGE
2		2462.060	0.600	43.570	44.170	-9.830	54.000	AVERAGE
3	*	4905.310	7.526	37.520	45.047	-8.953	54.000	AVERAGE

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 : 2010/09/26 - 18:25**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)**

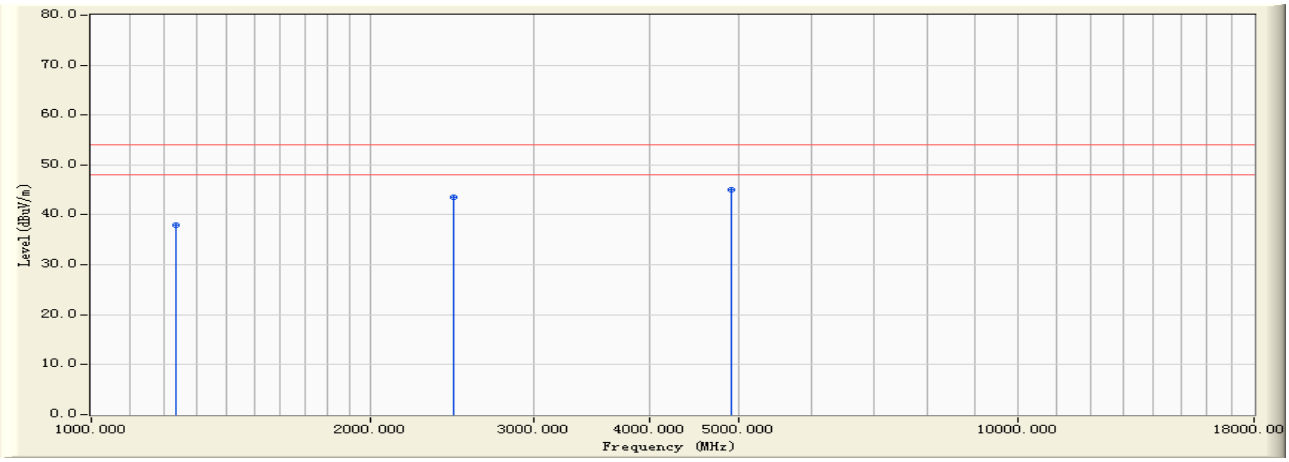


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1235.680	-5.576	55.160	49.583	-24.417	74.000	PEAK
2		2462.570	0.601	52.490	53.091	-20.909	74.000	PEAK
3	*	4906.340	7.529	50.160	57.688	-16.312	74.000	PEAK

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 : 2010/09/26 - 18:25**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1) (2462MHz)**

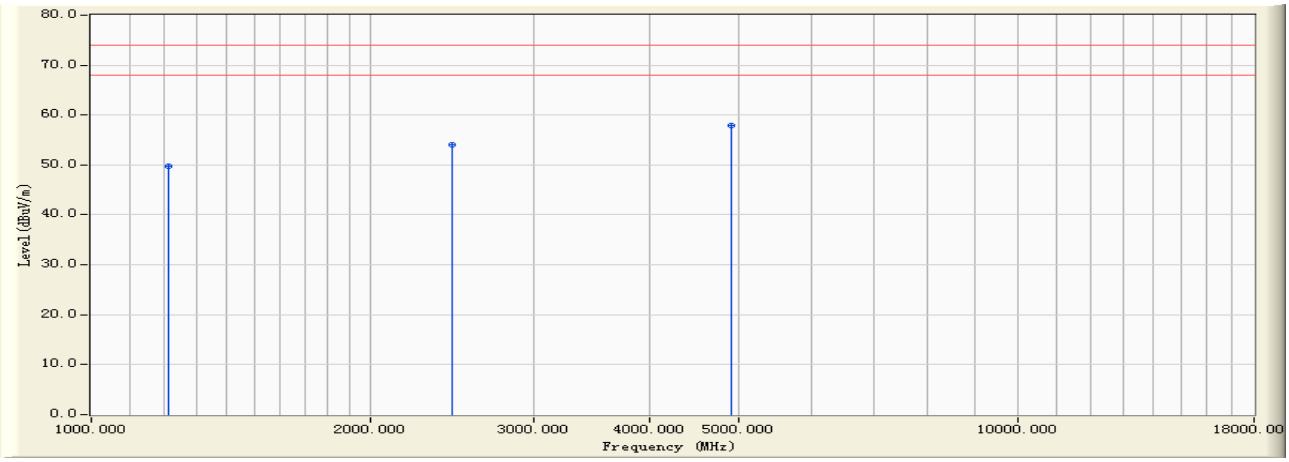


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1235.680	-5.576	43.510	37.933	-16.067	54.000	AVERAGE
2		2462.570	0.601	43.020	43.621	-10.379	54.000	AVERAGE
3	*	4906.340	7.529	37.510	45.038	-8.962	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/26 - 18:26**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)**

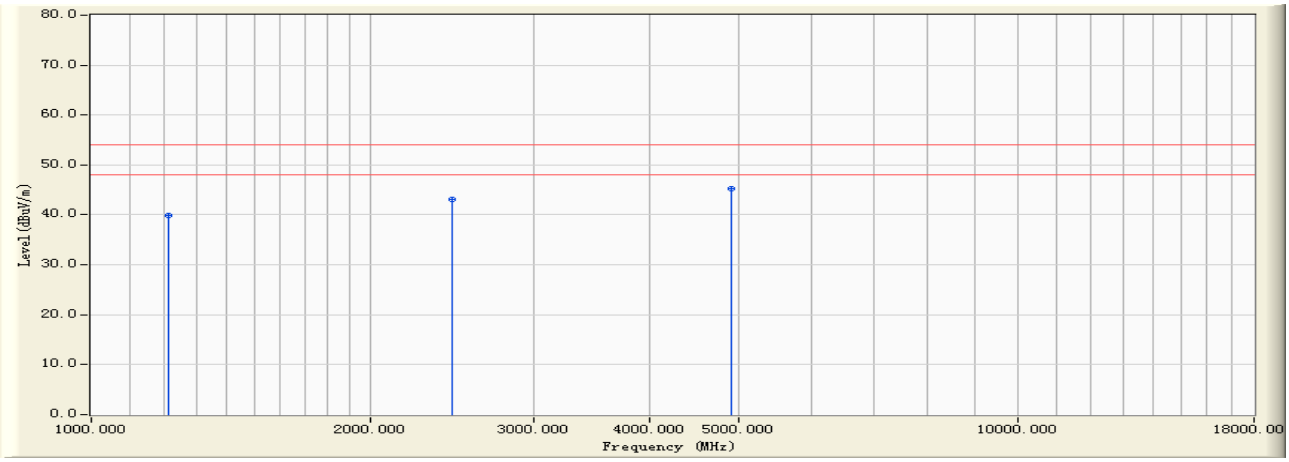


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1213.560	-5.819	55.520	49.701	-24.299	74.000	PEAK
2		2452.370	0.560	53.570	54.131	-19.869	74.000	PEAK
3	*	4906.340	7.529	50.350	57.878	-16.122	74.000	PEAK

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 : 2010/09/26 - 18:26**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)**

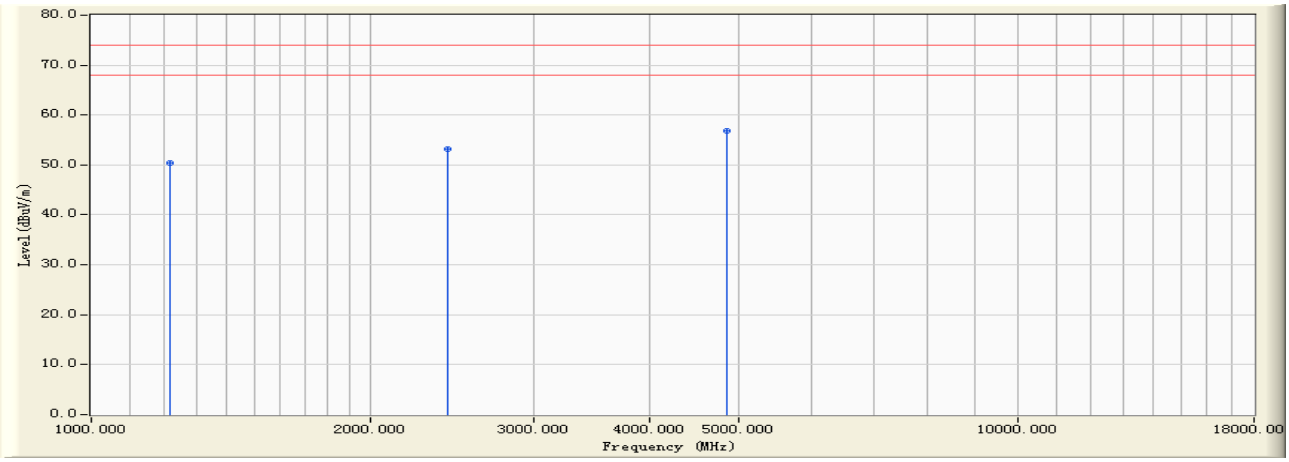


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1213.560	-5.819	45.610	39.791	-14.209	54.000	AVERAGE
2		2452.370	0.560	42.580	43.141	-10.859	54.000	AVERAGE
3	*	4906.340	7.529	37.620	45.148	-8.852	54.000	AVERAGE

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 : 2010/09/26 - 18:27**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)**

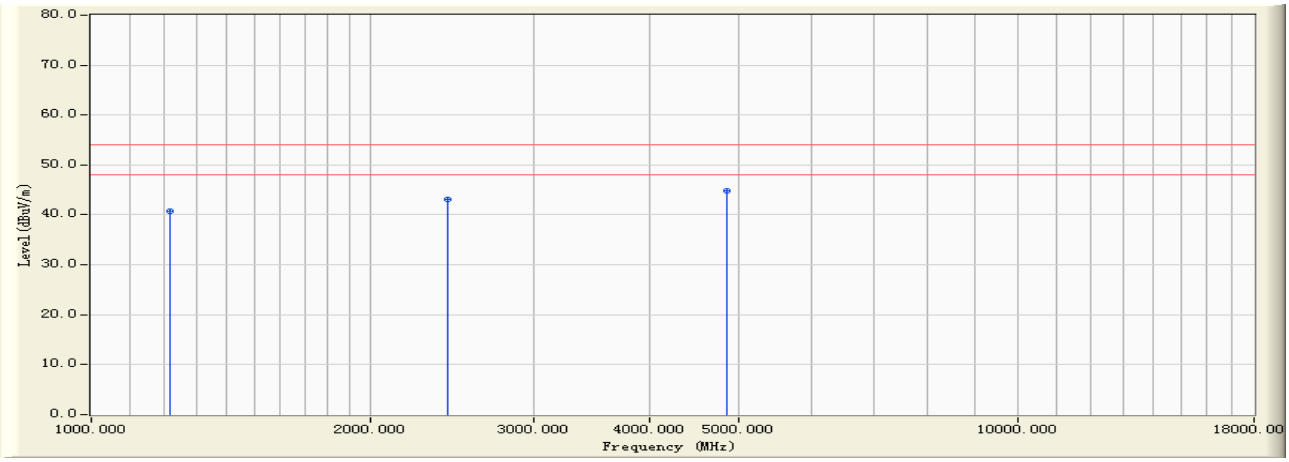


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1214.680	-5.807	56.310	50.503	-23.497	74.000	PEAK
2		2422.560	0.464	52.670	53.135	-20.865	74.000	PEAK
3	*	4846.370	7.395	49.510	56.905	-17.095	74.000	PEAK

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 : 2010/09/26 - 18:27**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2422MHz)**

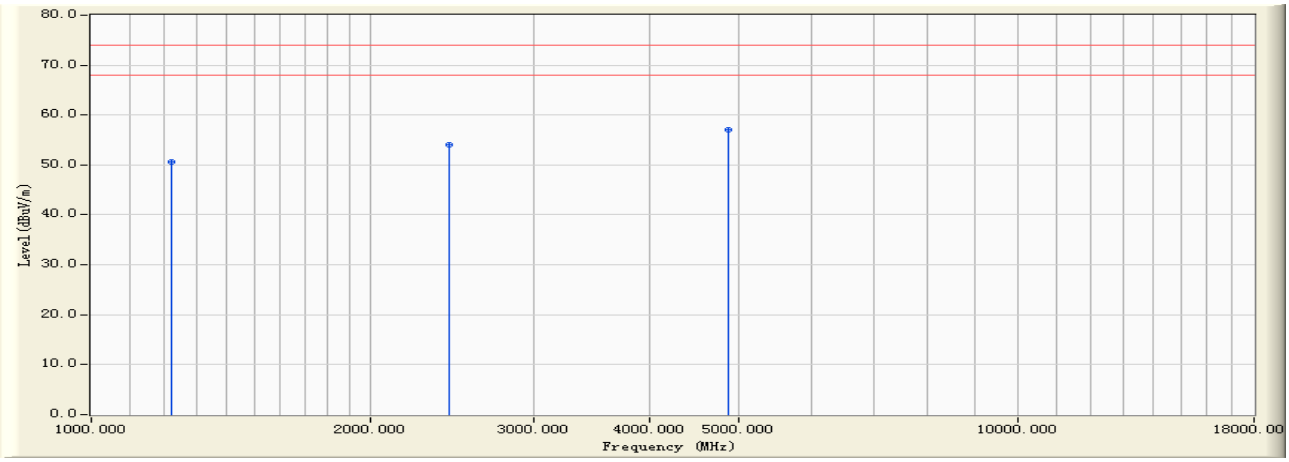


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1214.680	-5.807	46.520	40.713	-13.287	54.000	AVERAGE
2		2422.560	0.464	42.570	43.035	-10.965	54.000	AVERAGE
3	*	4846.370	7.395	37.500	44.895	-9.105	54.000	AVERAGE

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 : 2010/09/26 - 18:28**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)**

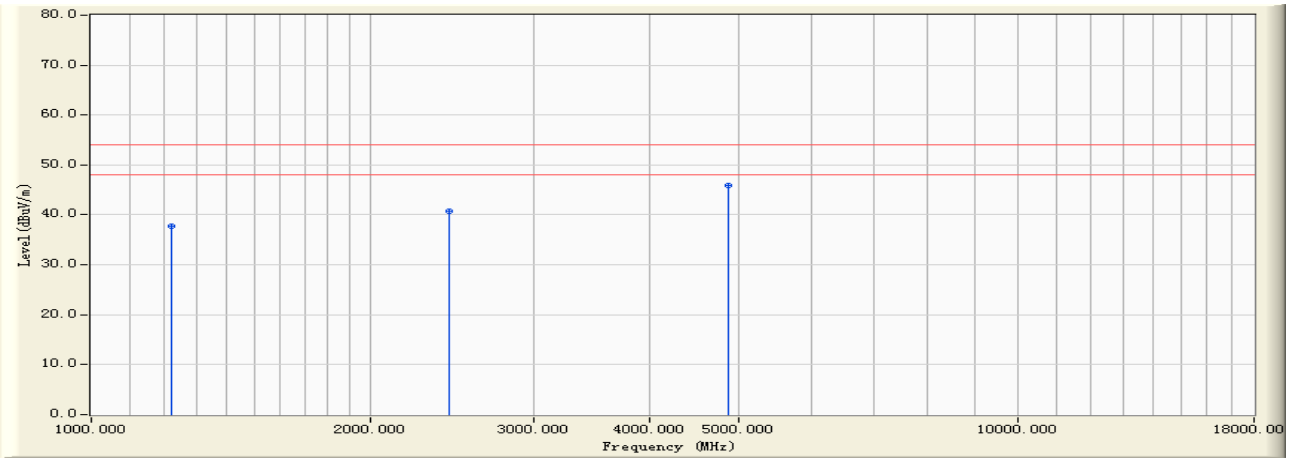


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.360	-5.759	56.340	50.582	-23.418	74.000	PEAK
2		2437.510	0.510	53.510	54.021	-19.979	74.000	PEAK
3	*	4876.530	7.462	49.630	57.092	-16.908	74.000	PEAK

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 : 2010/09/26 - 18:28**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)**

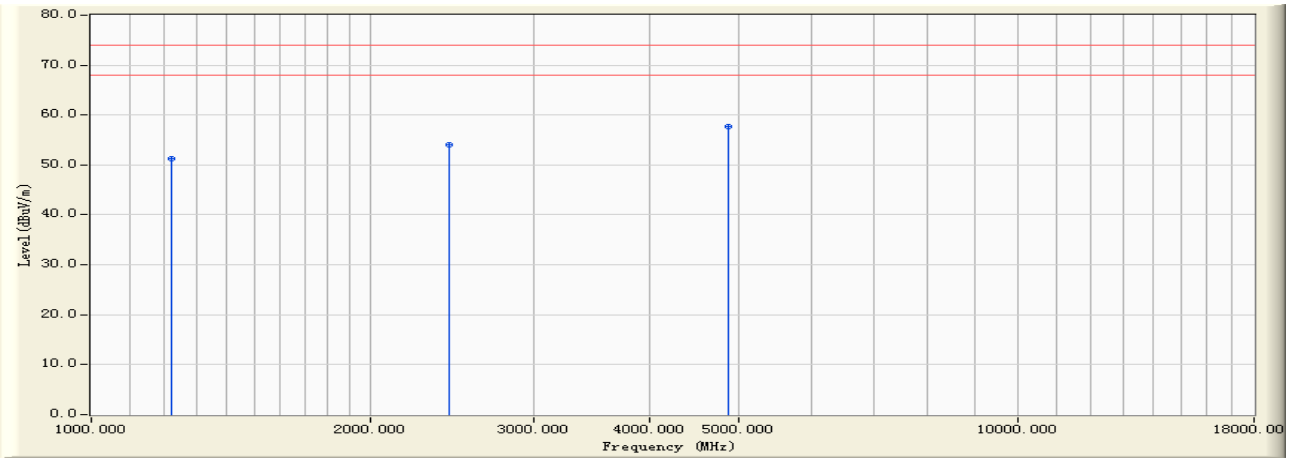


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.360	-5.759	43.560	37.802	-16.198	54.000	AVERAGE
2		2437.510	0.510	40.260	40.771	-13.229	54.000	AVERAGE
3	*	4876.530	7.462	38.520	45.982	-8.018	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/26 - 18:30**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)**

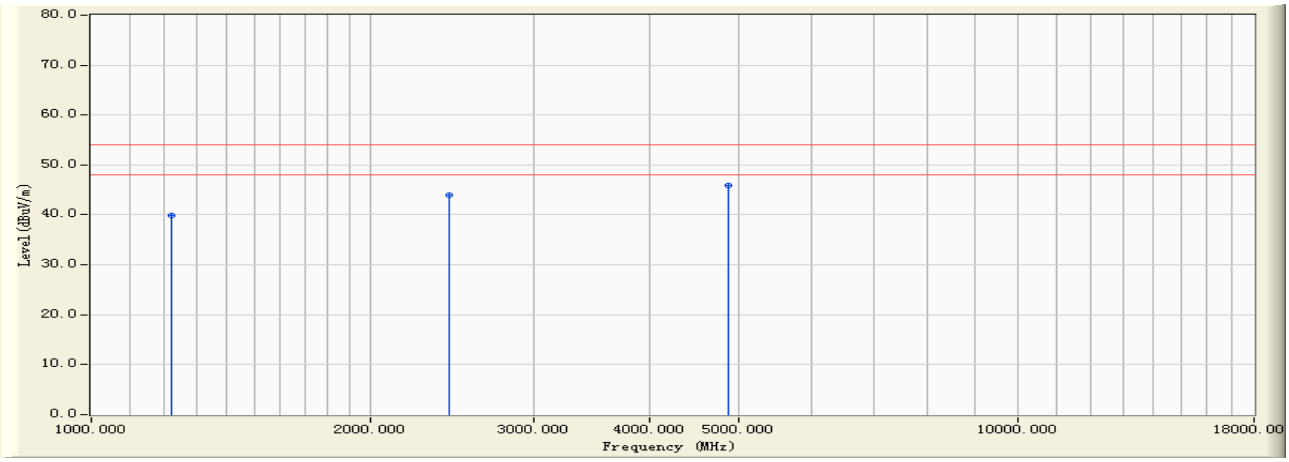


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.350	-5.748	56.980	51.232	-22.768	74.000	PEAK
2		2437.050	0.509	53.590	54.099	-19.901	74.000	PEAK
3	*	4875.680	7.461	50.340	57.800	-16.200	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/26 - 18:30**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2437MHz)**

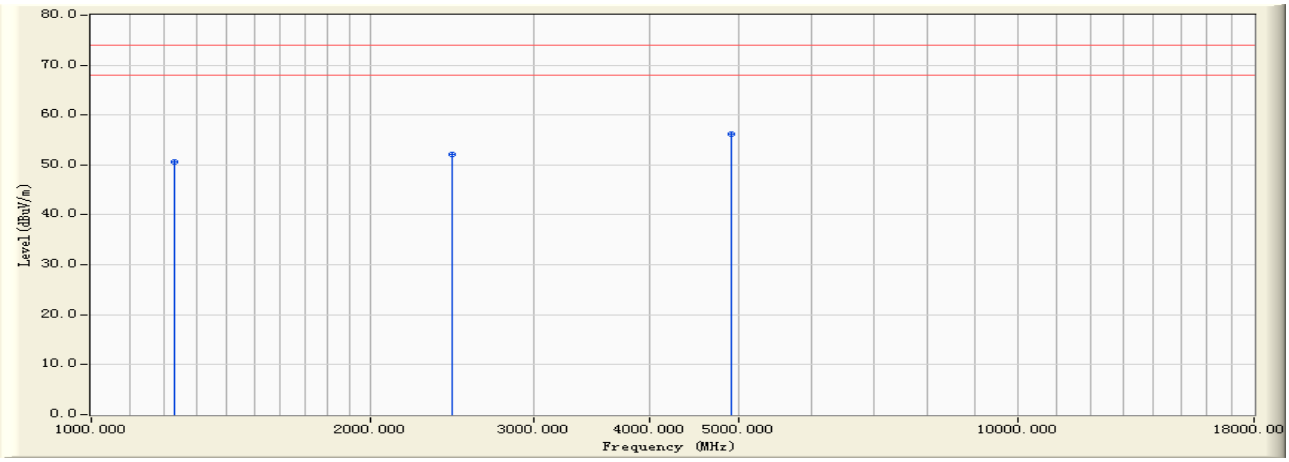


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1220.350	-5.748	45.670	39.922	-14.078	54.000	AVERAGE
2		2437.050	0.509	43.510	44.019	-9.981	54.000	AVERAGE
3	*	4875.680	7.461	38.510	45.970	-8.030	54.000	AVERAGE

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 : 2010/09/26 - 18:31**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)**

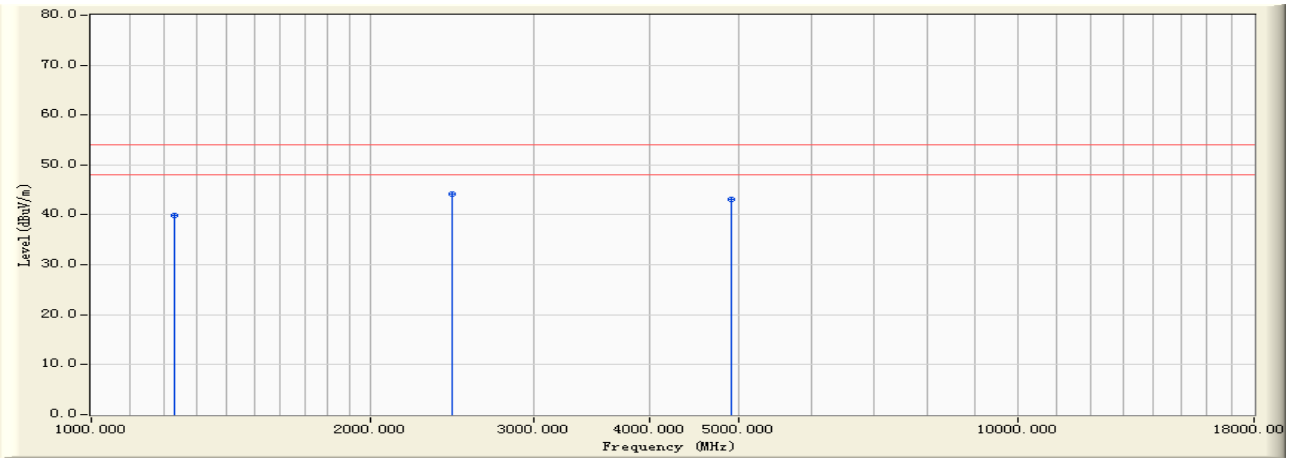


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.650	-5.657	56.280	50.623	-23.377	74.000	PEAK
2		2452.140	0.560	51.590	52.150	-21.850	74.000	PEAK
3	*	4906.810	7.529	48.630	56.159	-17.841	74.000	PEAK

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 : 2010/09/26 - 18:31**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)**

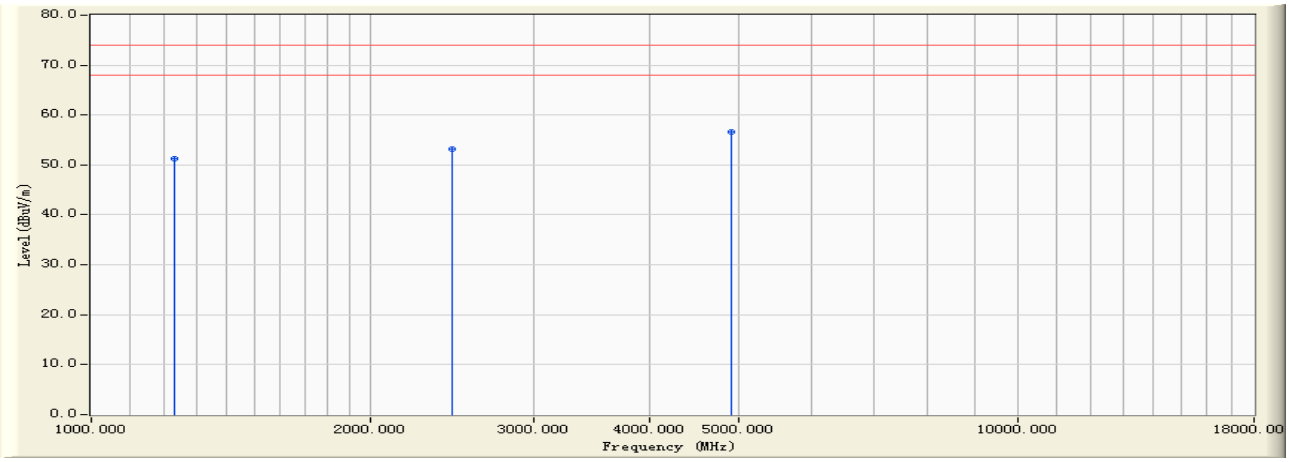


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.650	-5.657	45.610	39.953	-14.047	54.000	AVERAGE
2	*	2452.140	0.560	43.580	44.140	-9.860	54.000	AVERAGE
3		4906.810	7.529	35.540	43.069	-10.931	54.000	AVERAGE

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 : 2010/09/26 - 18:32**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)**

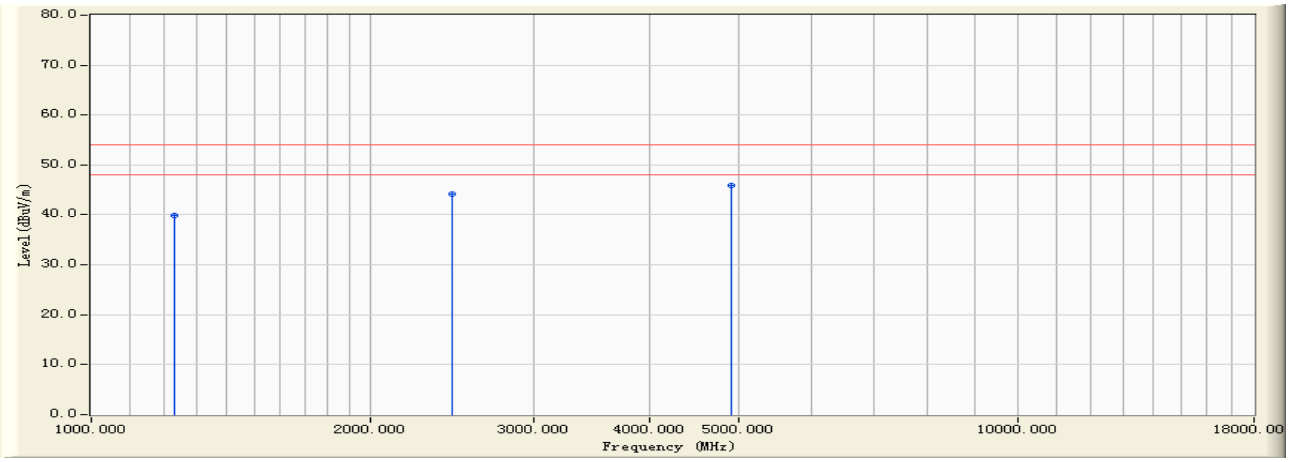


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.640	-5.657	56.840	51.183	-22.817	74.000	PEAK
2		2452.370	0.560	52.630	53.191	-20.809	74.000	PEAK
3	*	4906.510	7.529	48.990	56.518	-17.482	74.000	PEAK

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 : 2010/09/26 - 18:32**
Limit : FCC_15_03M_ AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1) (2452MHz)**

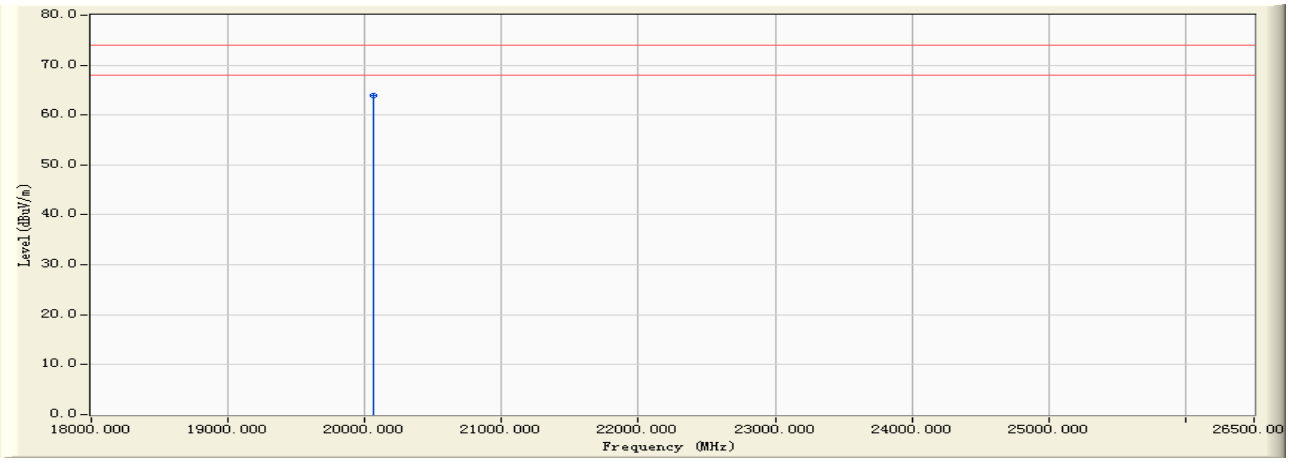


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1228.640	-5.657	45.610	39.953	-14.047	54.000	AVERAGE
2		2452.370	0.560	43.520	44.081	-9.919	54.000	AVERAGE
3	*	4906.510	7.529	38.460	45.988	-8.012	54.000	AVERAGE

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 : 2010/09/24 - 19:41**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)**

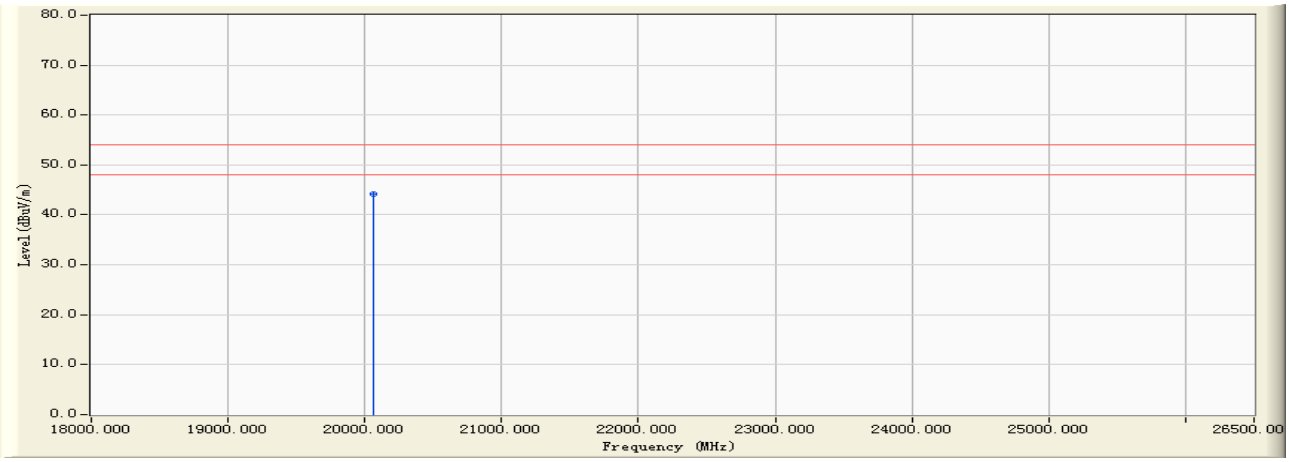


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20063.200	9.862	53.990	63.852	-10.148	74.000	PEAK

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 : 2010/09/24 - 19:41**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)**

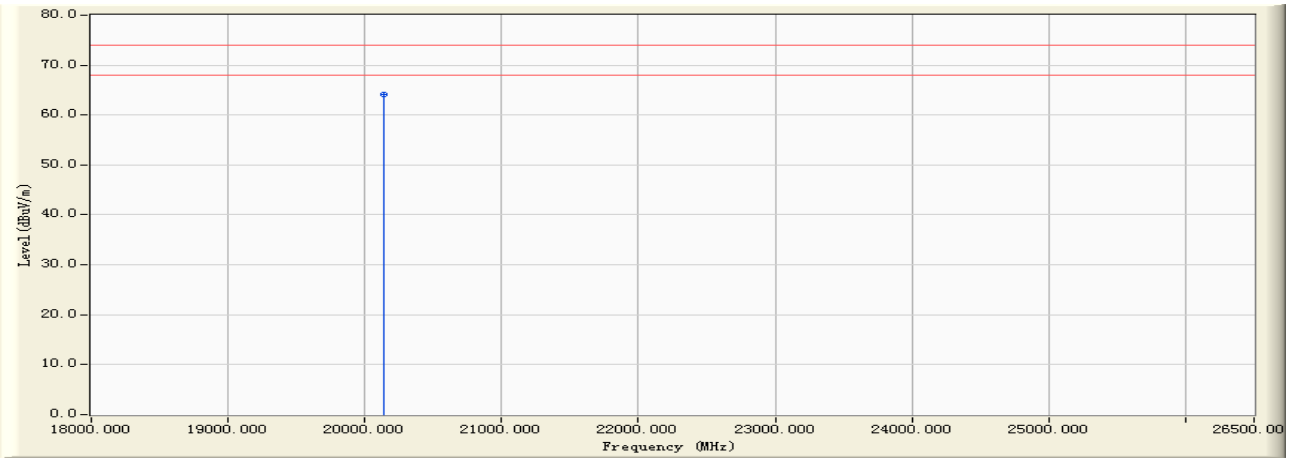


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20063.200	9.862	34.260	44.122	-9.878	54.000	AVERAGE

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 : 2010/09/24 - 19:42**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)**

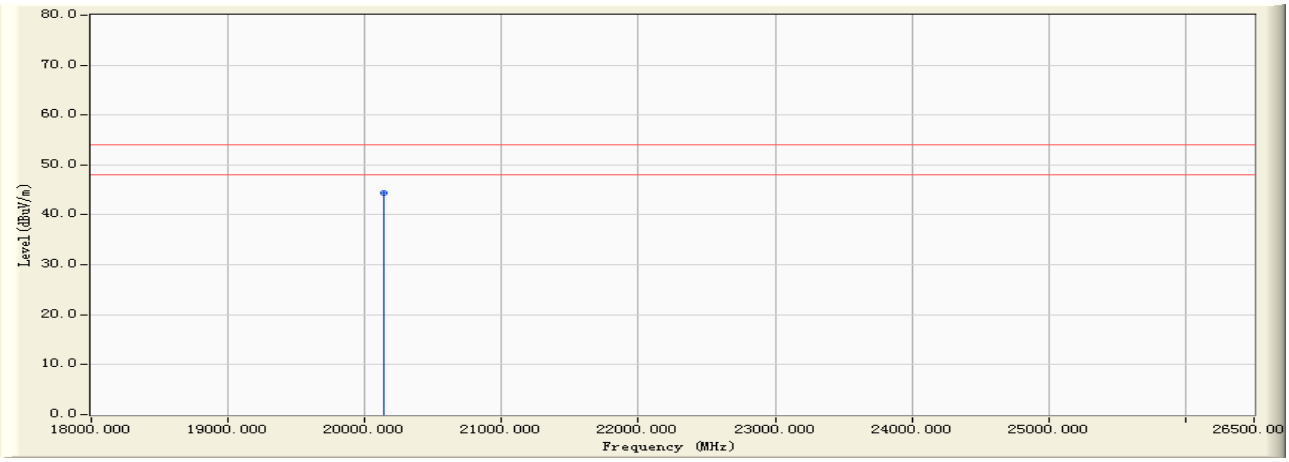


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20135.400	9.867	54.280	64.147	-9.853	74.000	PEAK

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 : 2010/09/24 - 19:42**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)**

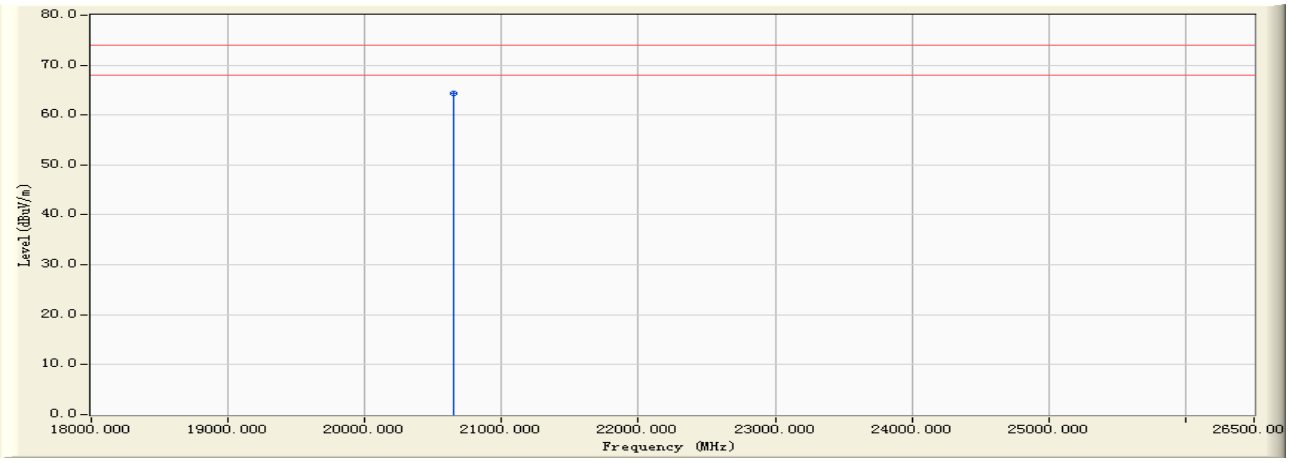


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20135.400	9.867	34.620	44.487	-9.513	54.000	AVERAGE

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 : 2010/09/24 - 19:42**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)**

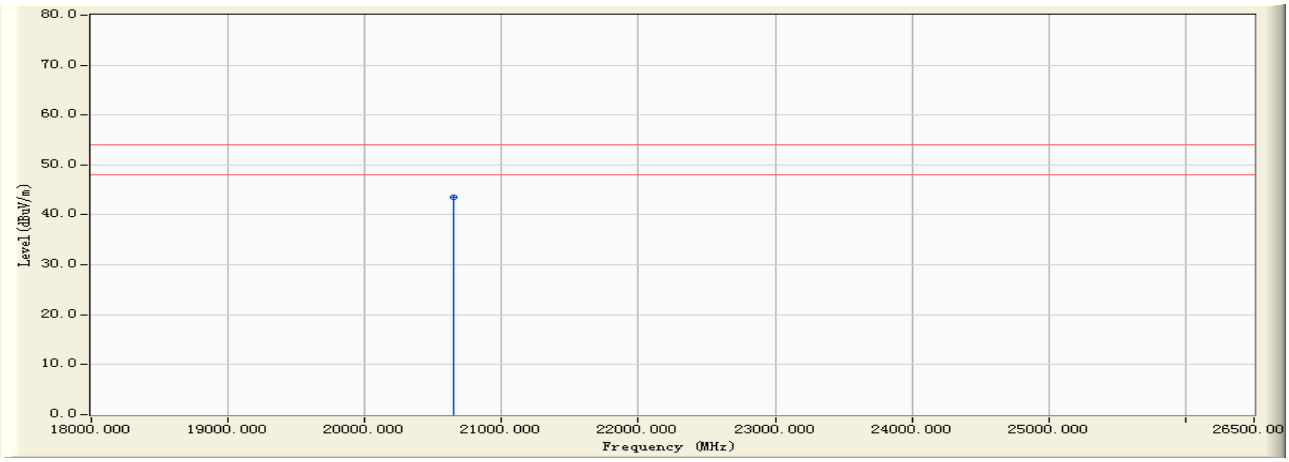


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20653.200	9.985	54.260	64.245	-9.755	74.000	PEAK

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 : 2010/09/24 - 19:42**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)**

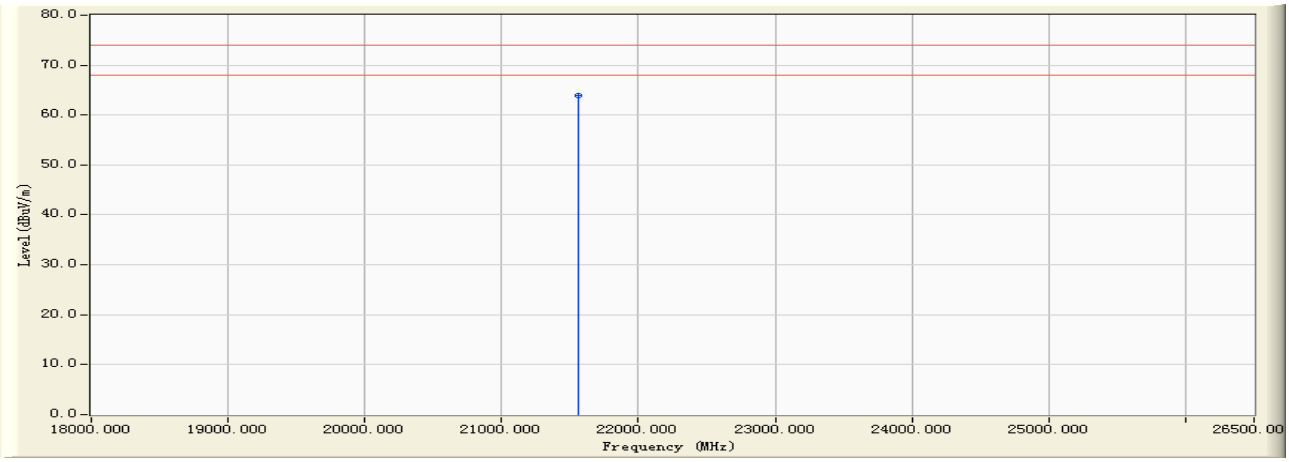


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20653.200	9.985	33.520	43.505	-10.495	54.000	AVERAGE

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 : 2010/09/24 - 19:43**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)**

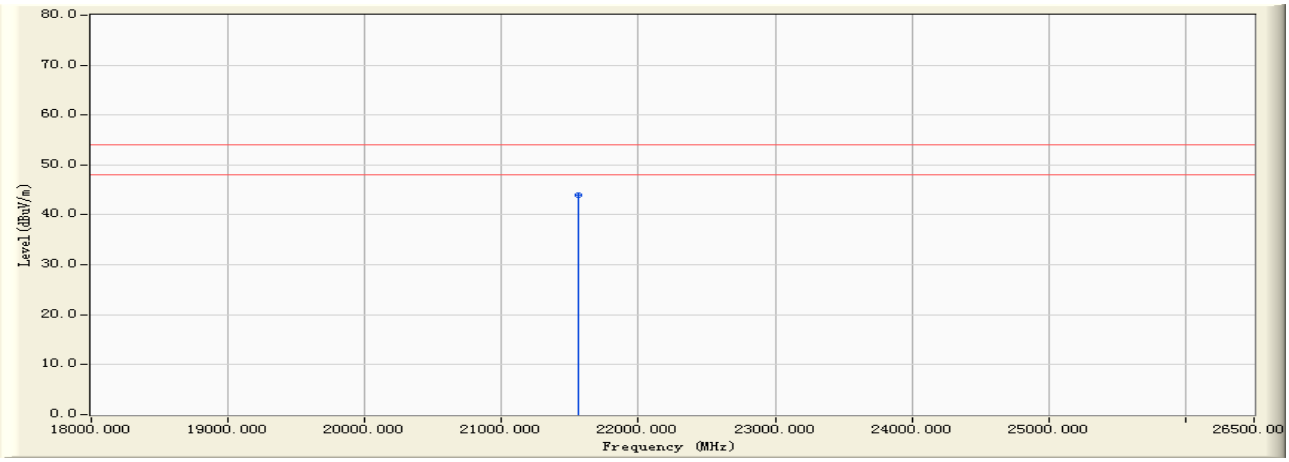


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21562.900	11.381	52.580	63.961	-10.039	74.000	PEAK

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 : 2010/09/24 - 19:43**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2437MHz)**

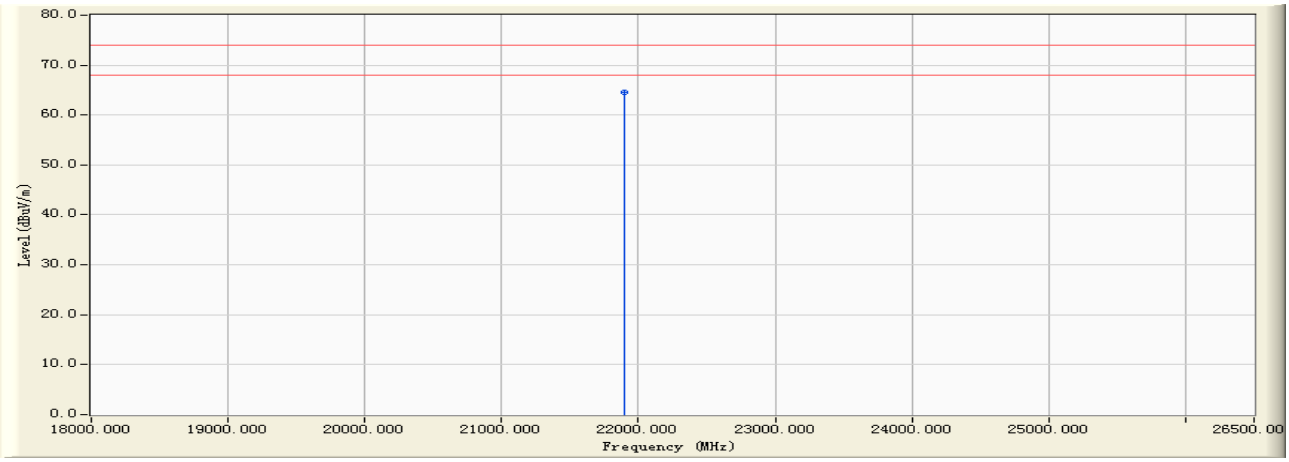


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21562.900	11.381	32.570	43.951	-10.049	54.000	AVERAGE

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 : 2010/09/24 - 19:44**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)**

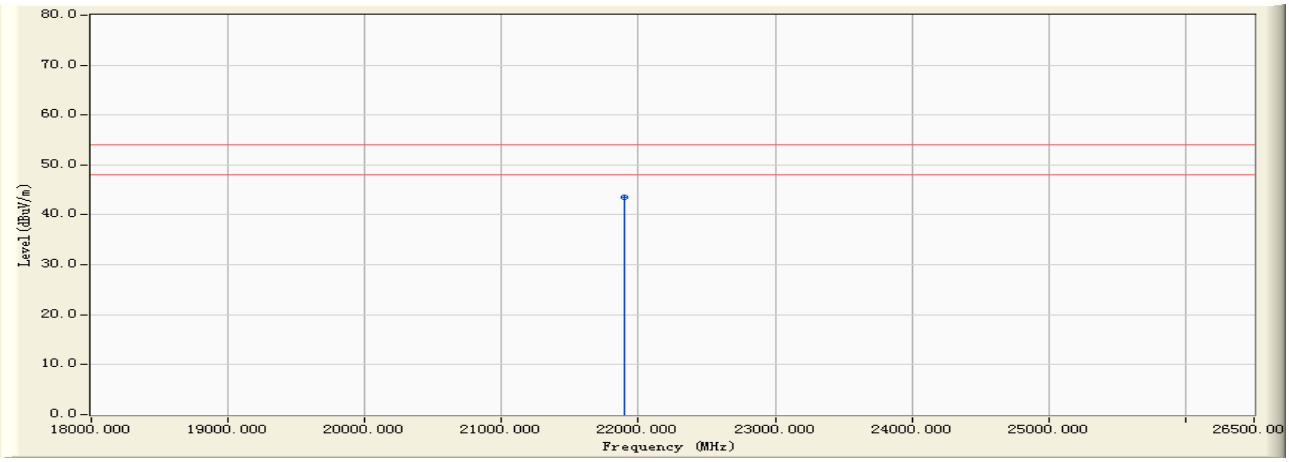


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21893.100	12.036	52.570	64.606	-9.394	74.000	PEAK

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 : 2010/09/24 - 19:44**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)**

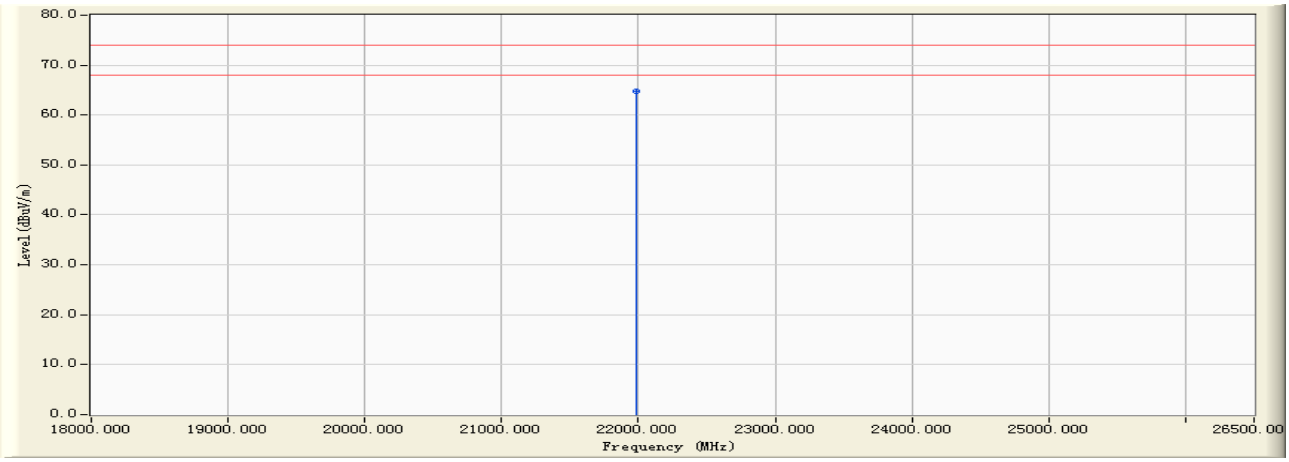


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21893.100	12.036	31.590	43.626	-10.374	54.000	AVERAGE

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 : 2010/09/24 - 19:44**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz)- VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)**

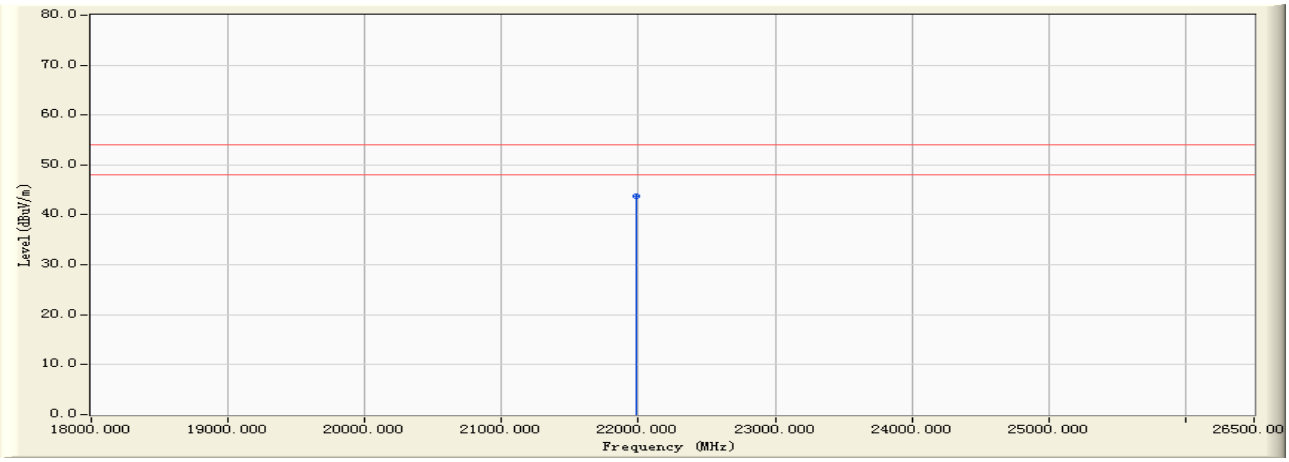


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21984.600	12.246	52.450	64.695	-9.305	74.000	PEAK

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 : 2010/09/24 - 19:44**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)**

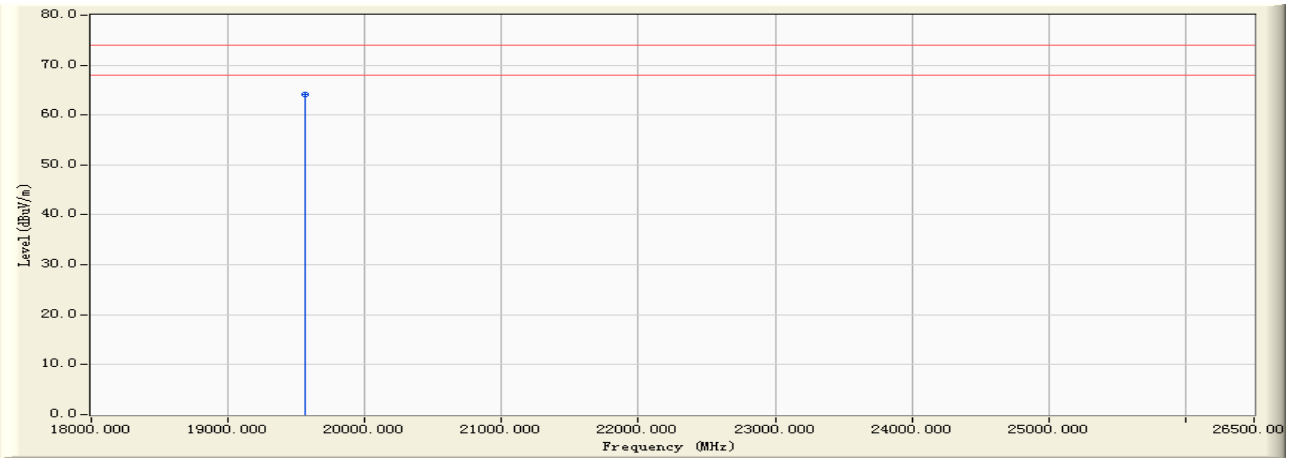


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21984.600	12.246	31.490	43.735	-10.265	54.000	AVERAGE

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 : 2010/09/24 - 19:46**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)**

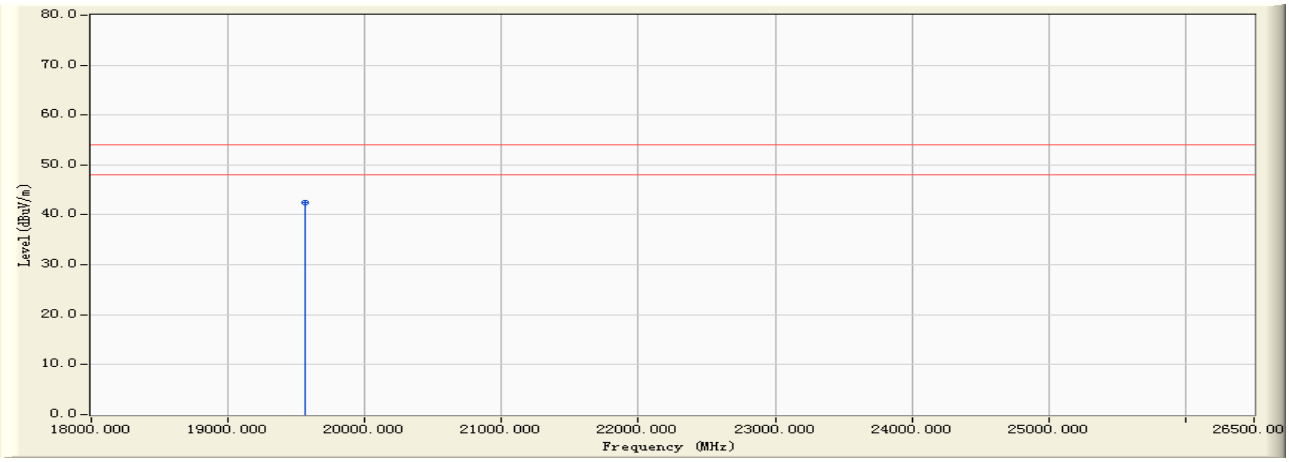


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19563.200	9.950	54.280	64.229	-9.771	74.000	PEAK

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 : 2010/09/24 - 19:46**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)**

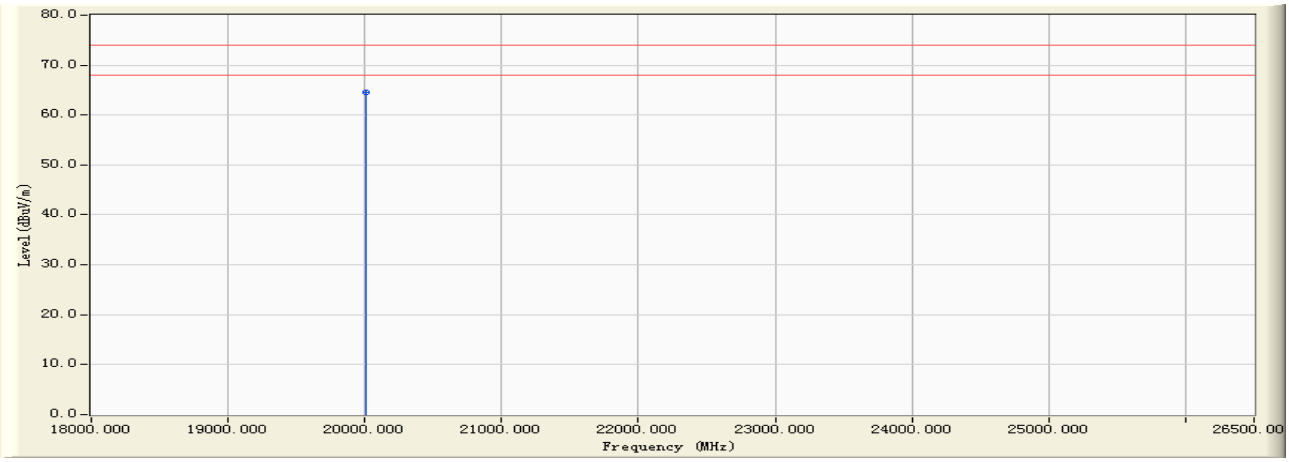


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19563.200	9.950	32.570	42.519	-11.481	54.000	AVERAGE

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 : 2010/09/24 - 19:47**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)**

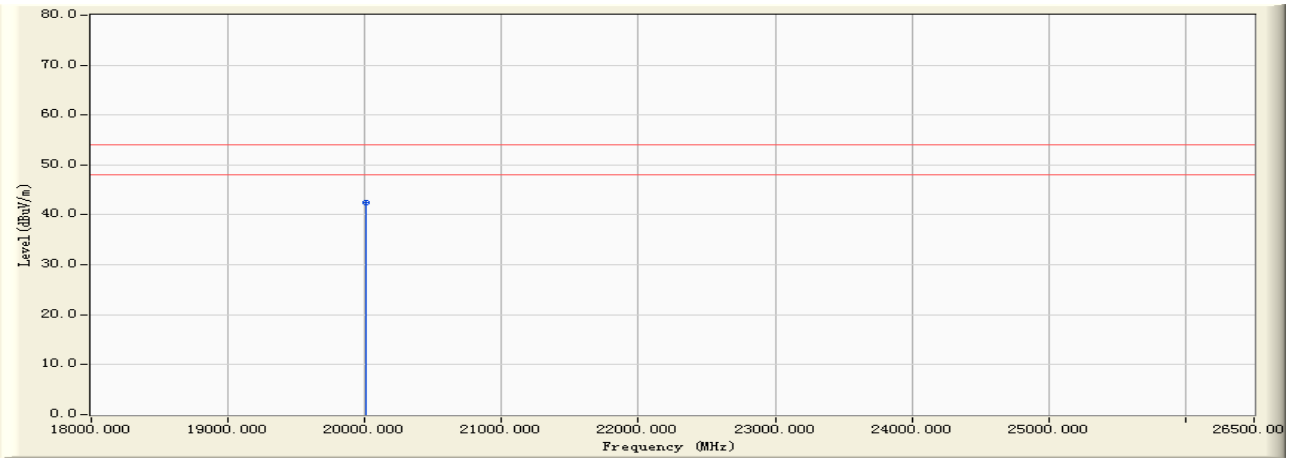


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20013.200	9.870	54.590	64.460	-9.540	74.000	PEAK

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 : 2010/09/24 - 19:47**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)**

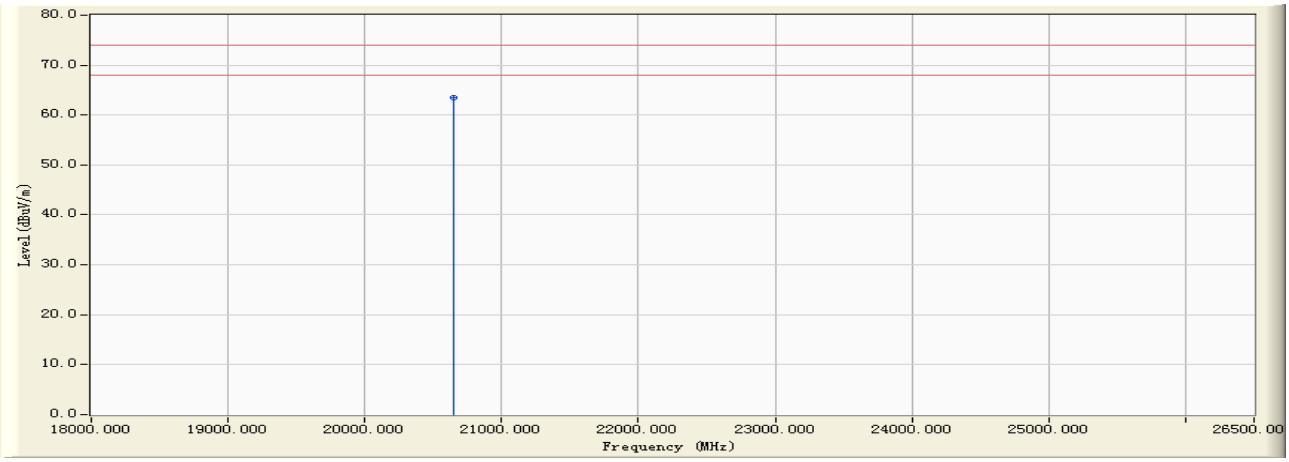


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20013.200	9.870	32.690	42.560	-11.440	54.000	AVERAGE

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 : 2010/09/24 - 19:47**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2437MHz)**

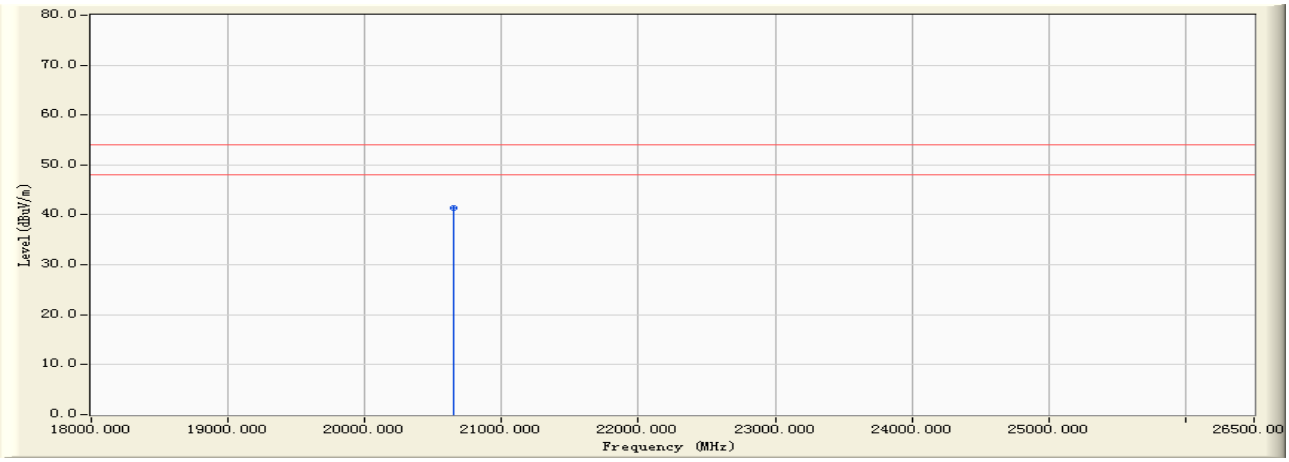


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20653.000	9.985	53.570	63.555	-10.445	74.000	PEAK

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 : 2010/09/24 - 19:47**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2437MHz)**

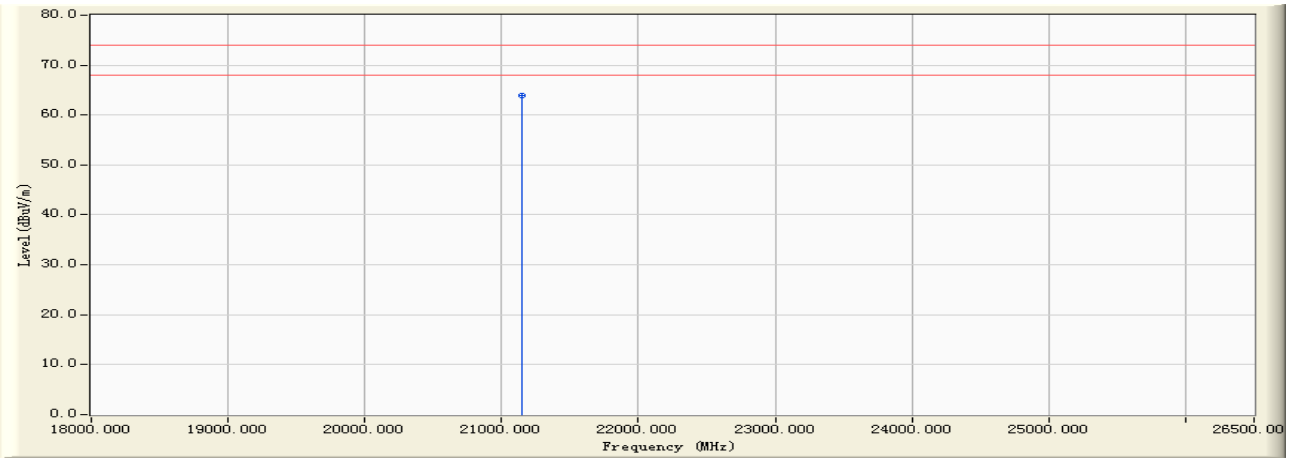


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20653.000	9.985	31.450	41.435	-12.565	54.000	AVERAGE

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 : 2010/09/24 - 19:48**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2437MHz)**

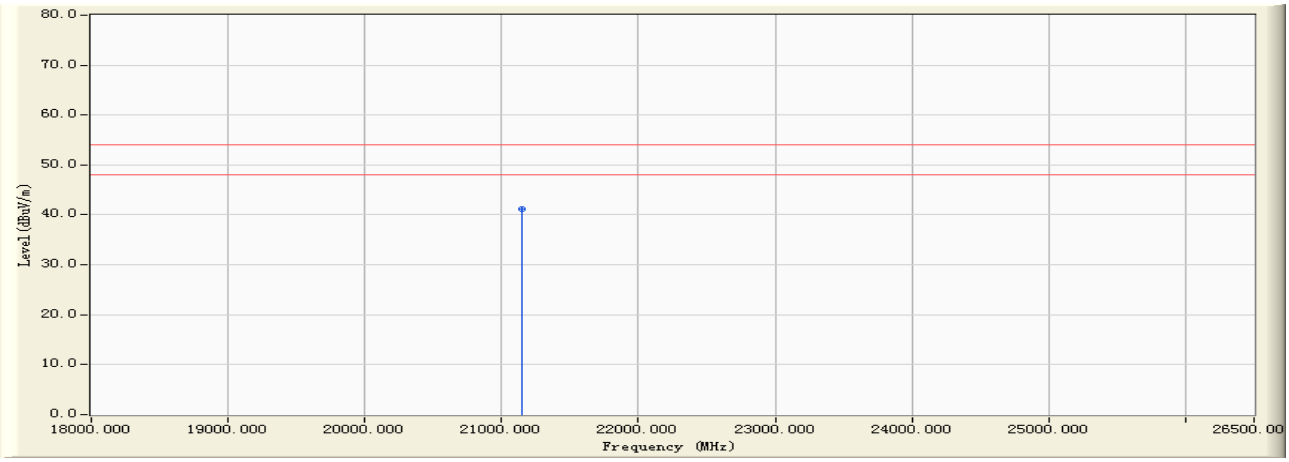


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21153.000	10.600	53.420	64.020	-9.980	74.000	PEAK

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 : 2010/09/24 - 19:48**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2437MHz)**

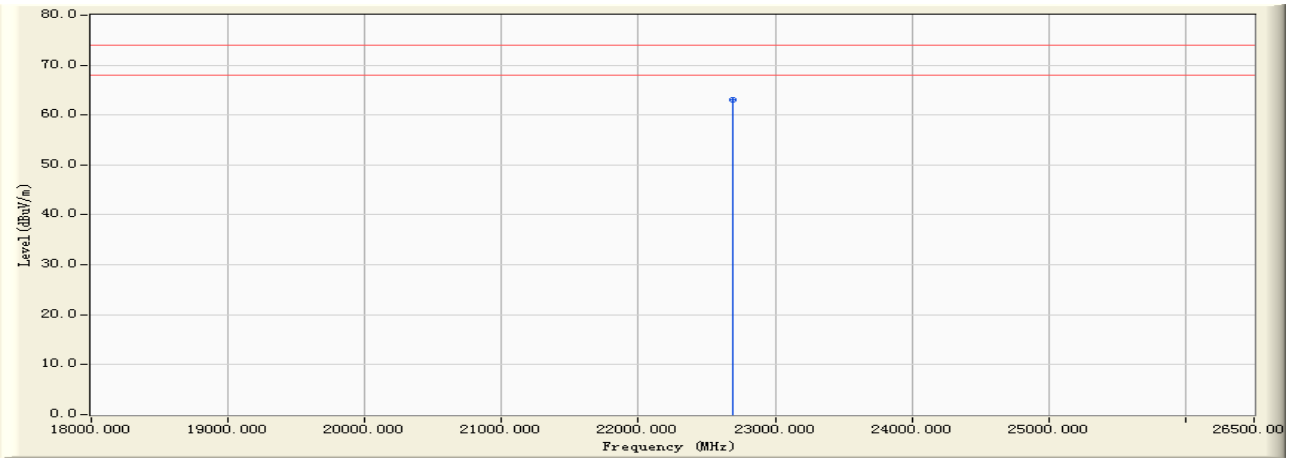


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21153.000	10.600	30.590	41.190	-12.810	54.000	AVERAGE

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 : 2010/09/24 - 19:49**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)**

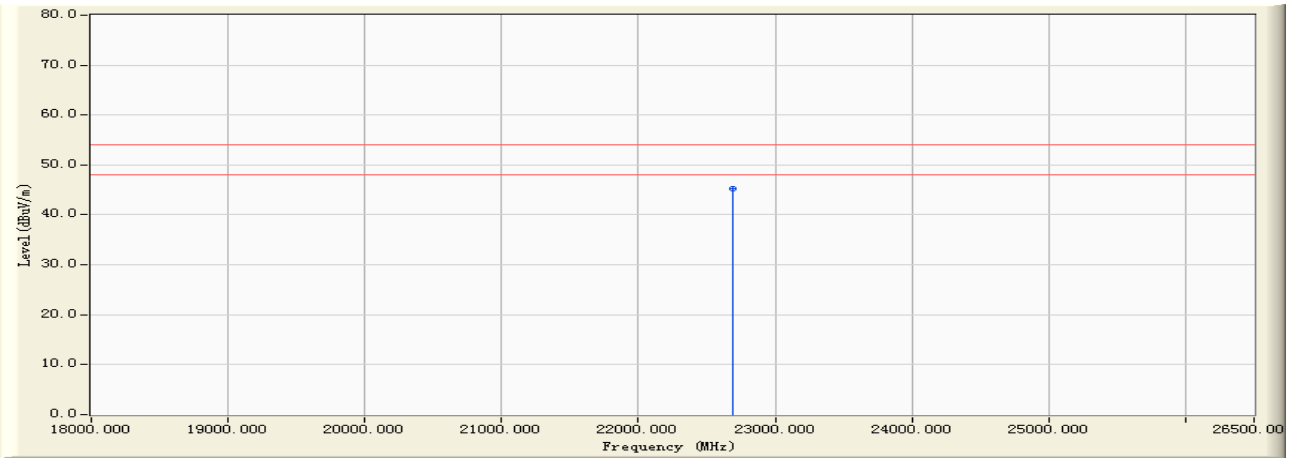


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22695.000	13.616	49.380	62.996	-11.004	74.000	PEAK

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 : 2010/09/24 - 19:49**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)**

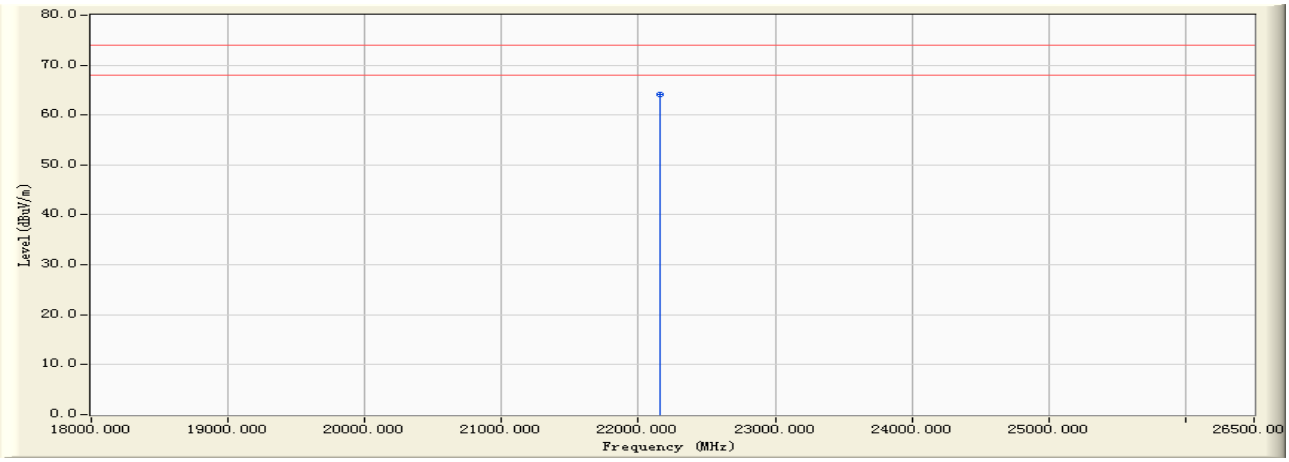


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22695.000	13.616	31.540	45.156	-8.844	54.000	AVERAGE

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 : 2010/09/24 - 19:49**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)**

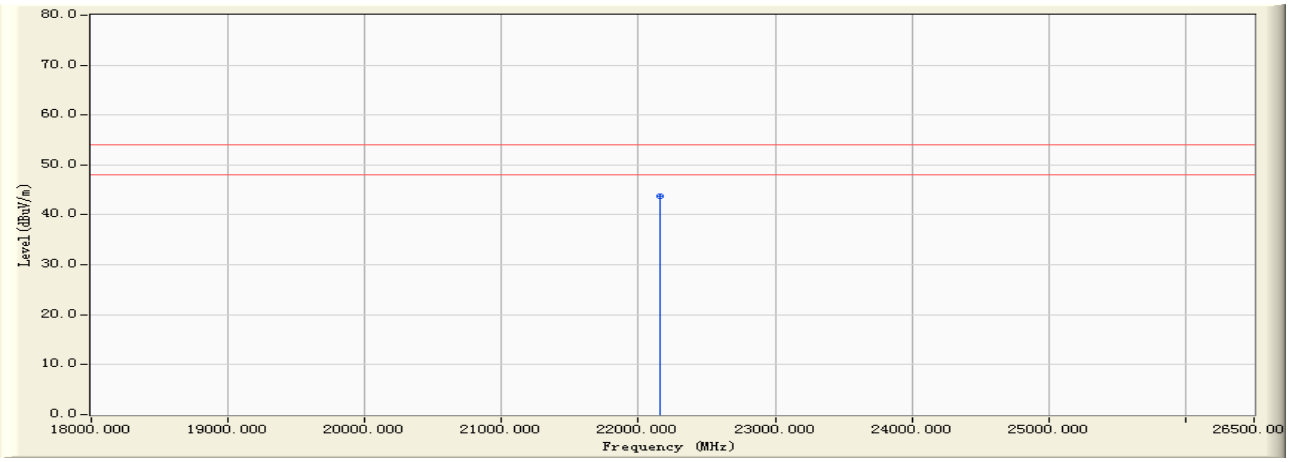


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22163.000	12.589	51.590	64.179	-9.821	74.000	PEAK

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 : 2010/09/24 - 19:49**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)**

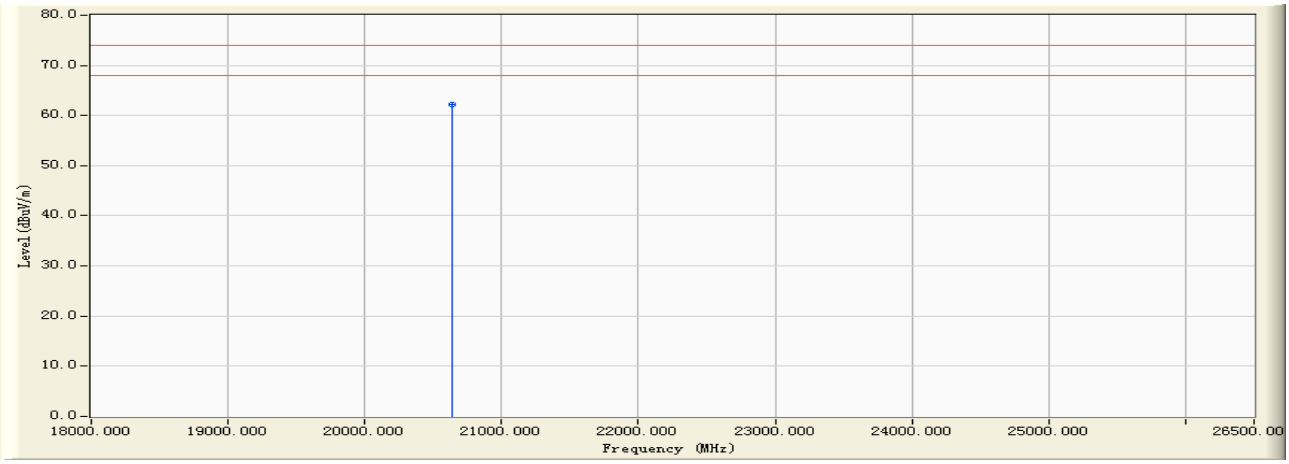


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22163.000	12.589	31.240	43.829	-10.171	54.000	AVERAGE

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 : 2010/09/25 - 19:52**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0)(2412MHz)**

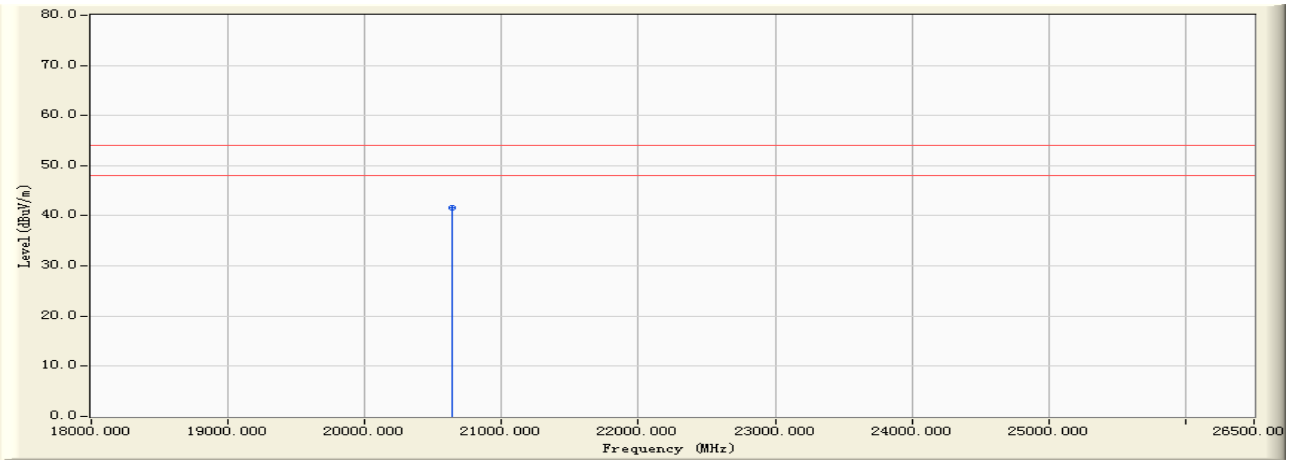


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20639.000	9.975	52.260	62.235	-11.765	74.000	PEAK

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 : 2010/09/25 - 19:52**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0)(2412MHz)**

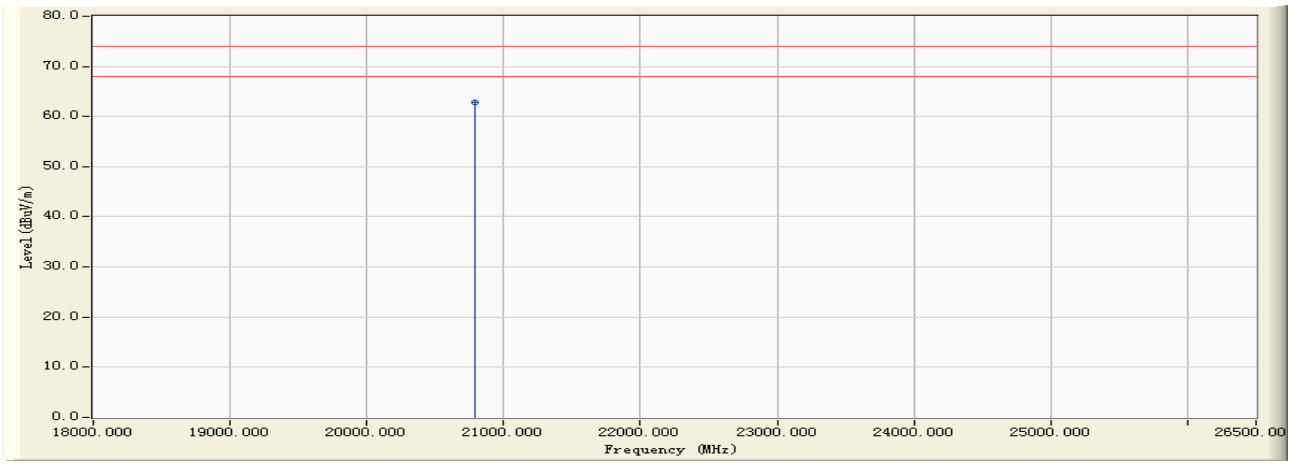


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20639.000	9.975	31.560	41.535	-12.465	54.000	AVERAGE

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 : 2010/09/25 - 19:52**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0)(2412MHz)**

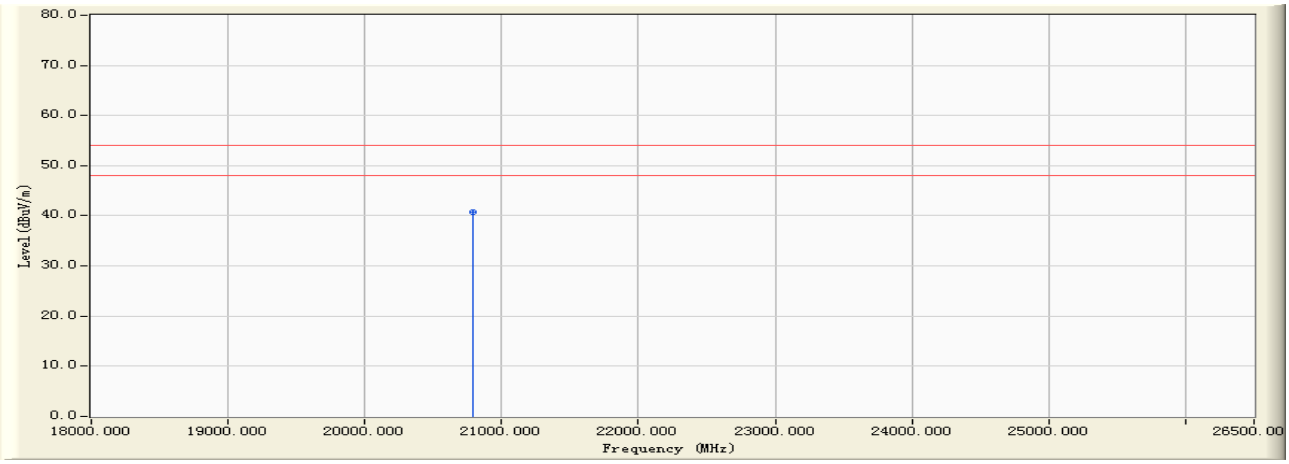


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20786.000	10.100	52.670	62.770	-11.230	74.000	PEAK

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 : 2010/09/25 - 19:52**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0)(2412MHz)**

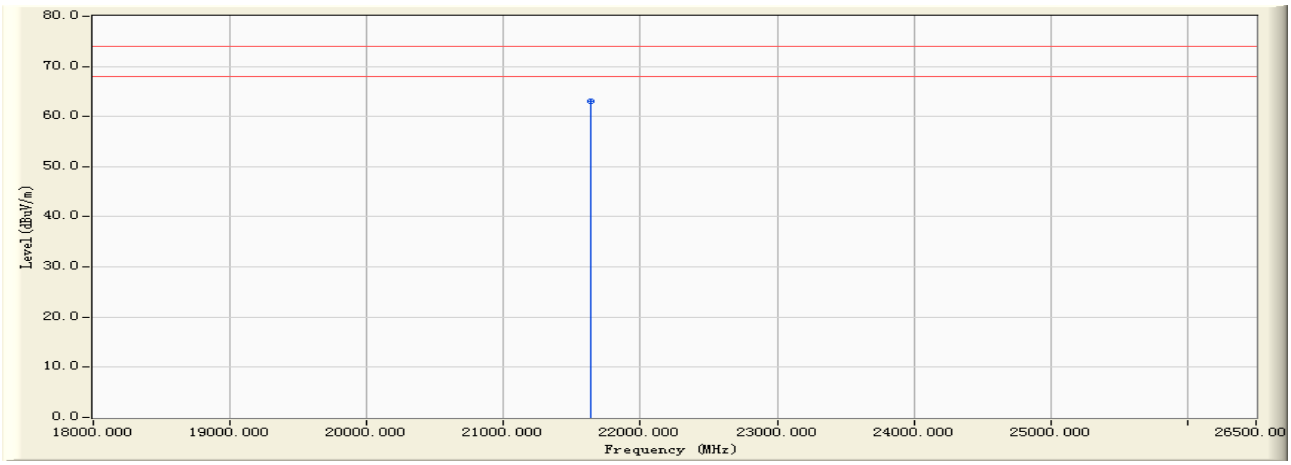


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20786.000	10.100	30.560	40.660	-13.340	54.000	AVERAGE

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 : 2010/09/25 - 19:53**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0)(2437MHz)**

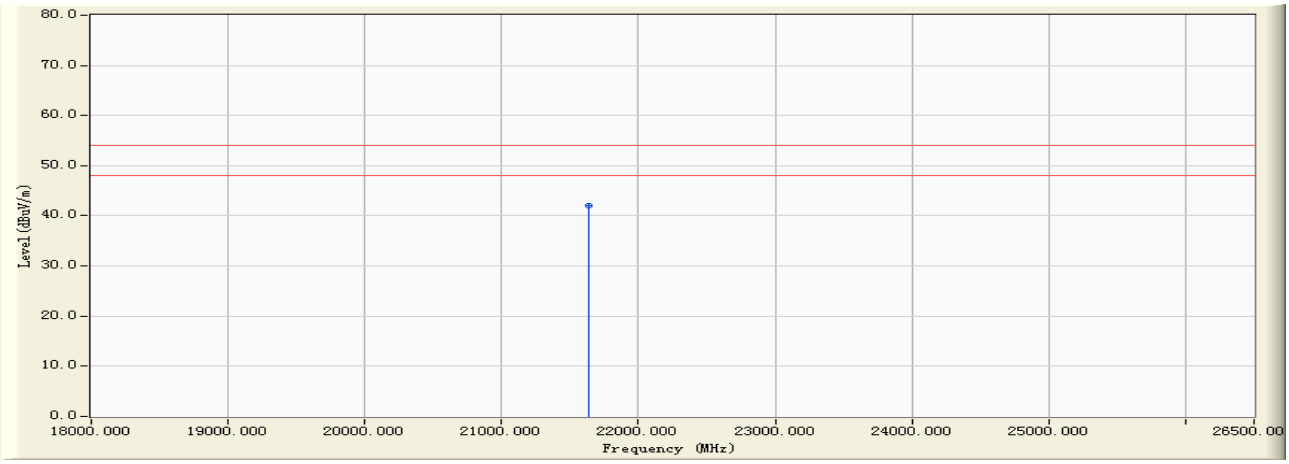


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21632.000	11.513	51.480	62.993	-11.007	74.000	PEAK

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 : 2010/09/25 - 19:53**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0)(2437MHz)**

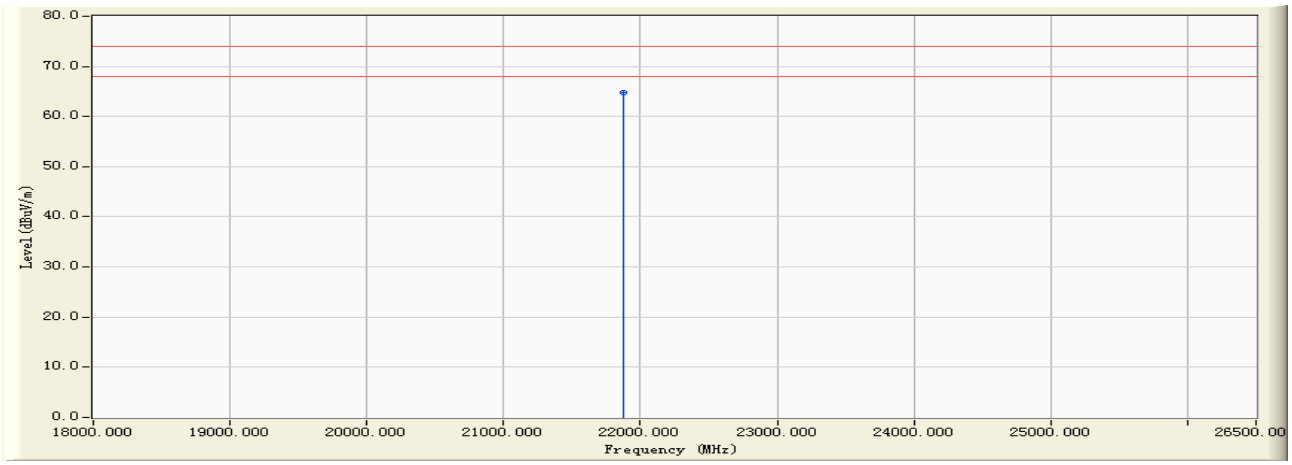


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21632.000	11.513	30.480	41.993	-12.007	54.000	AVERAGE

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 : 2010/09/25 - 19:54**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0)(2437MHz)**

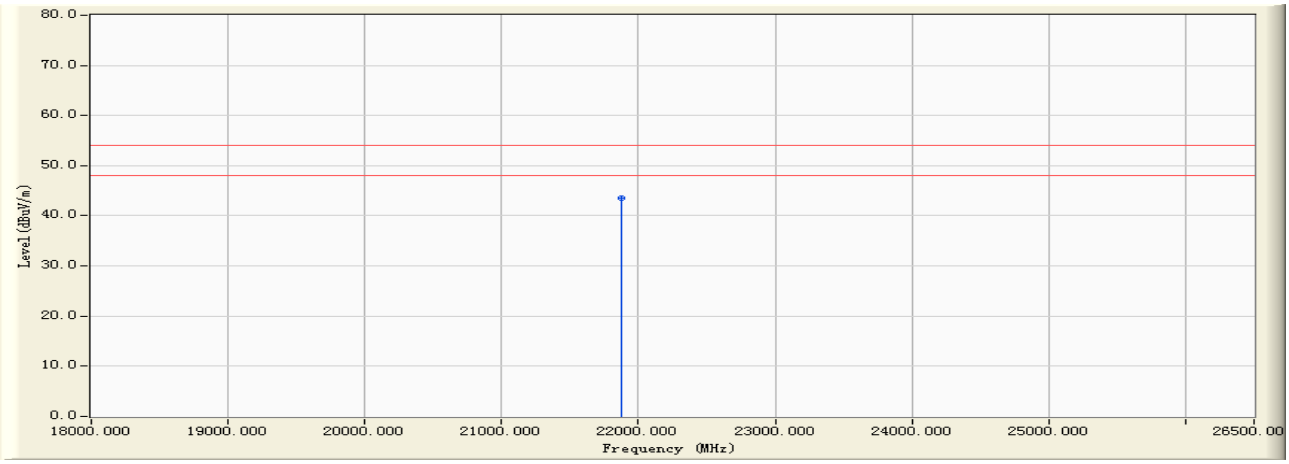


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21873.000	11.993	52.850	64.844	-9.156	74.000	PEAK

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 : 2010/09/25 - 19:54**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0)(2437MHz)**

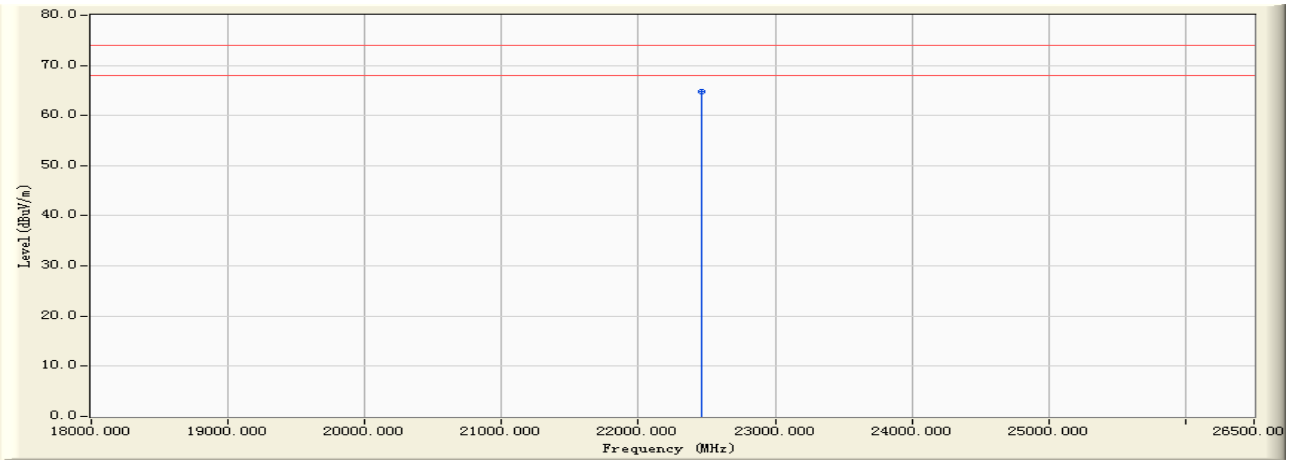


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21873.000	11.993	31.590	43.584	-10.416	54.000	AVERAGE

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 : 2010/09/25 - 19:55**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0)(2452MHz)**

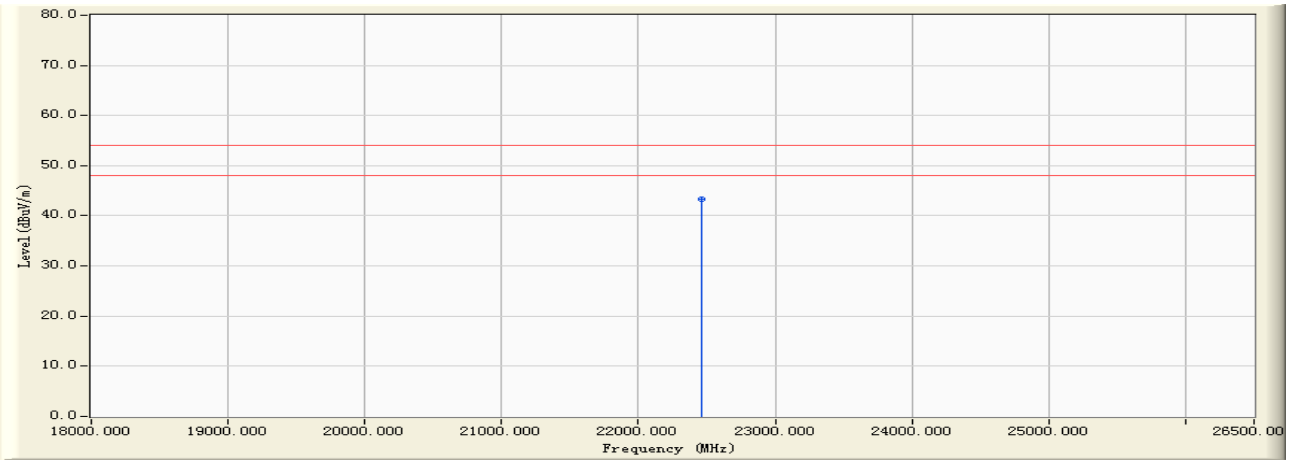


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22463.000	13.148	51.690	64.838	-9.162	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 19:55**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0)(2452MHz)**

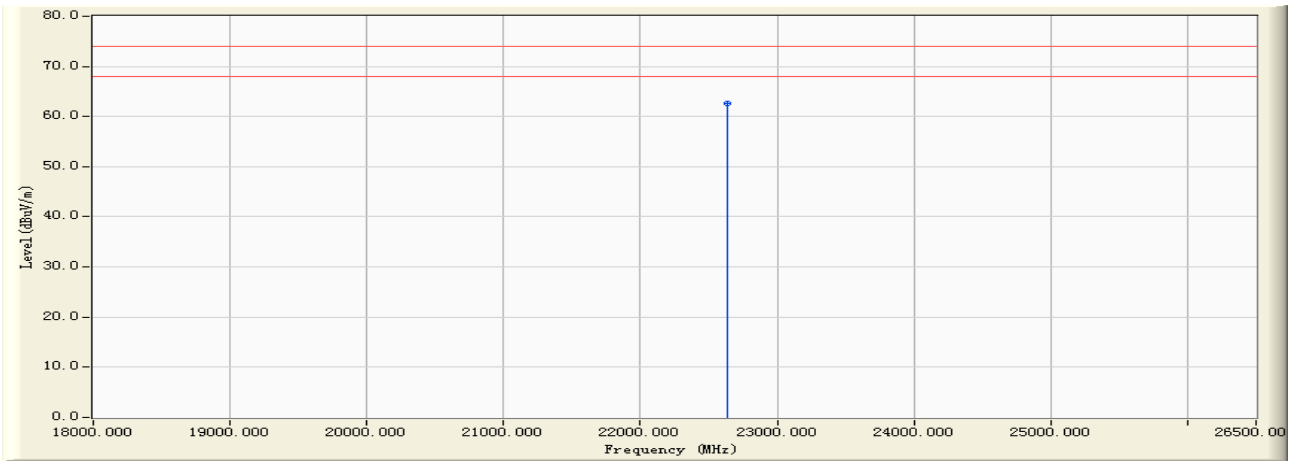


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22463.000	13.148	30.140	43.288	-10.712	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 19:55**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0)(2452MHz)**

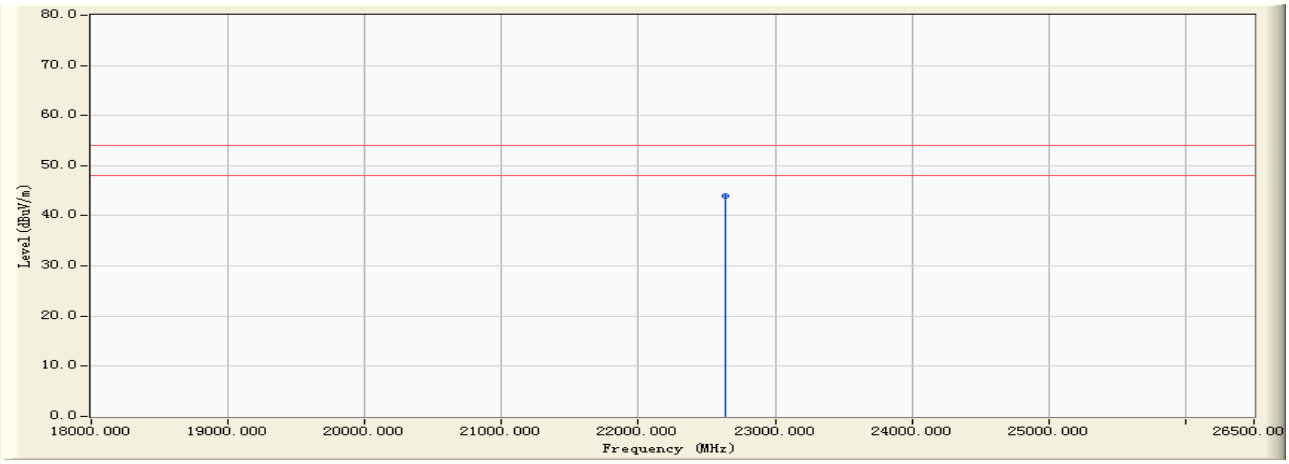


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22637.000	13.501	49.070	62.571	-11.429	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 19:55**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0)(2452MHz)**

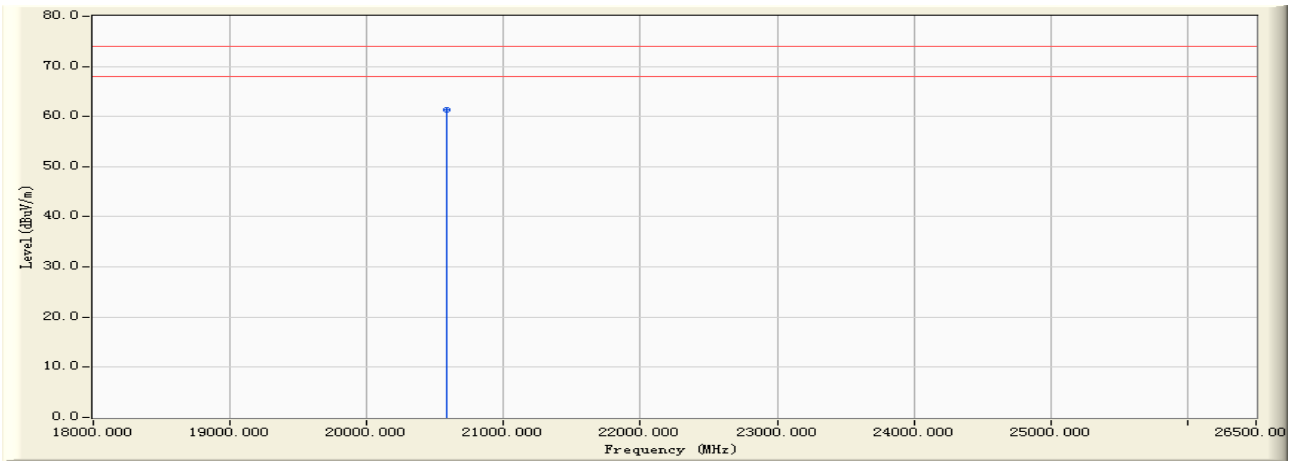


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22637.000	13.501	30.480	43.981	-10.019	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 19:56**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0)(2422MHz)**

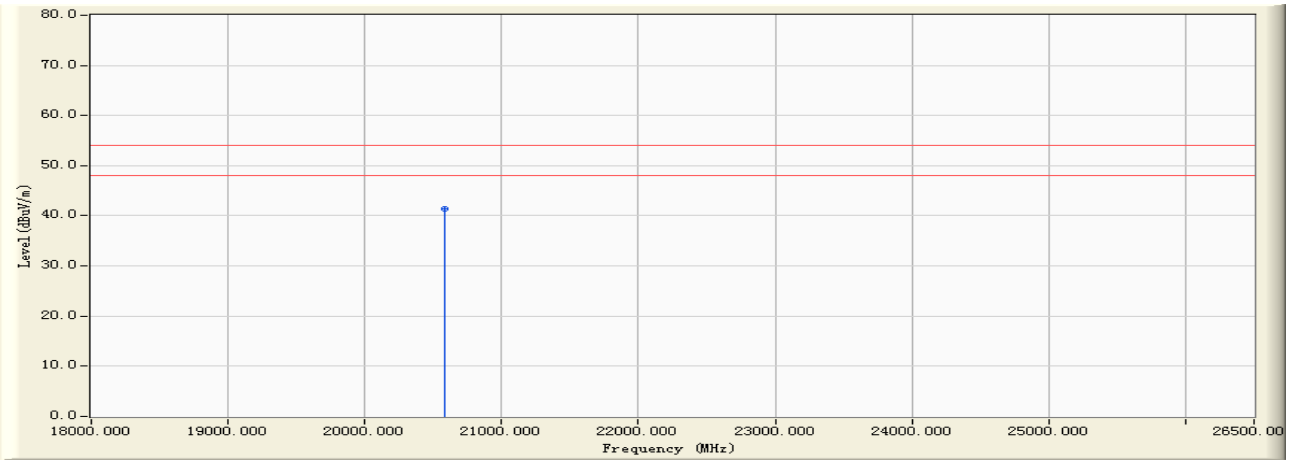


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20583.000	9.938	51.480	61.418	-12.582	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 19:56**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0)(2422MHz)**

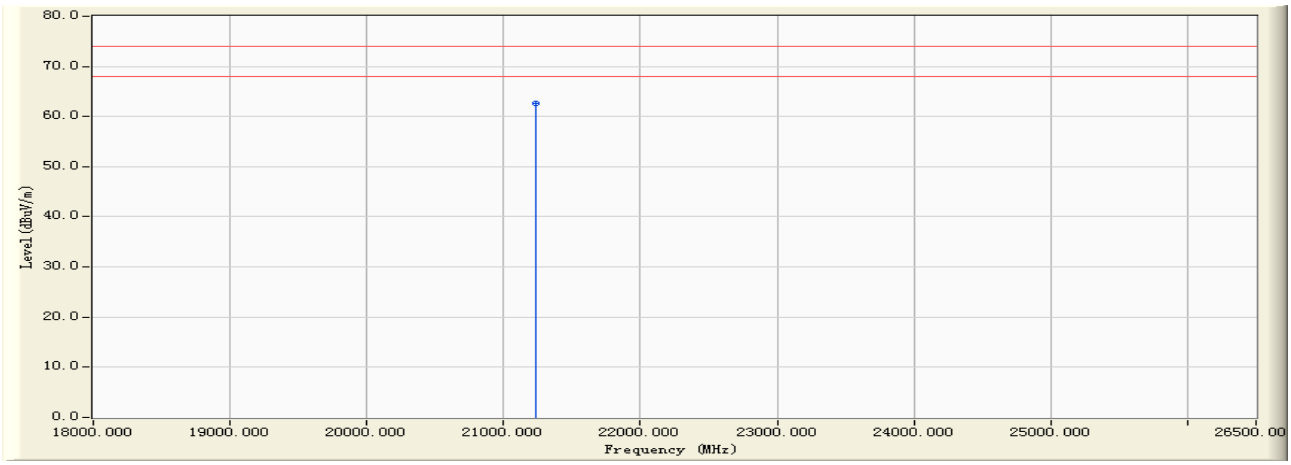


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20583.000	9.938	31.520	41.458	-12.542	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 19:57**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0)(2422MHz)**

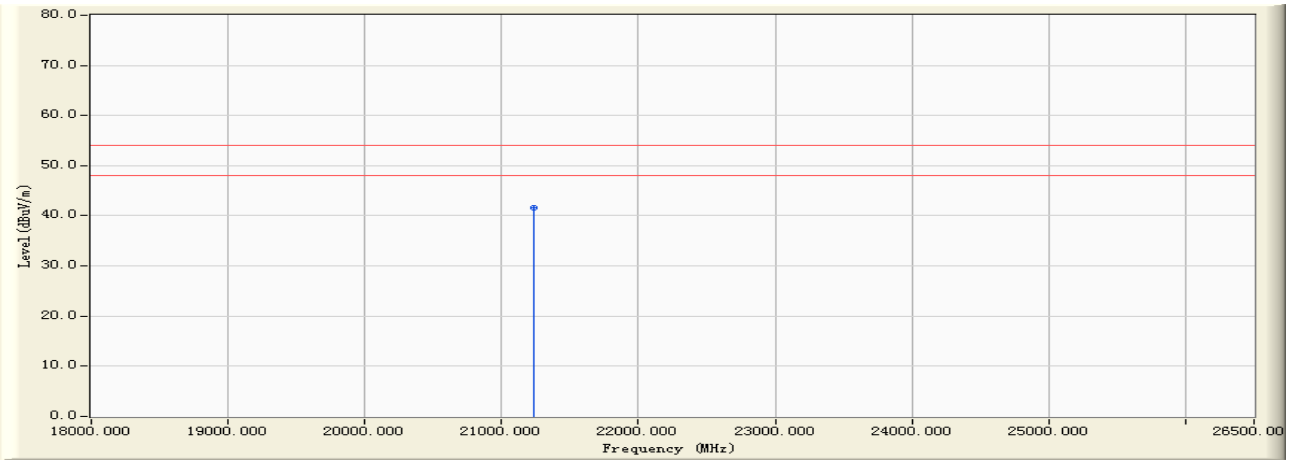


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21234.000	10.748	51.890	62.638	-11.362	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 19:57**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0)(2422MHz)**

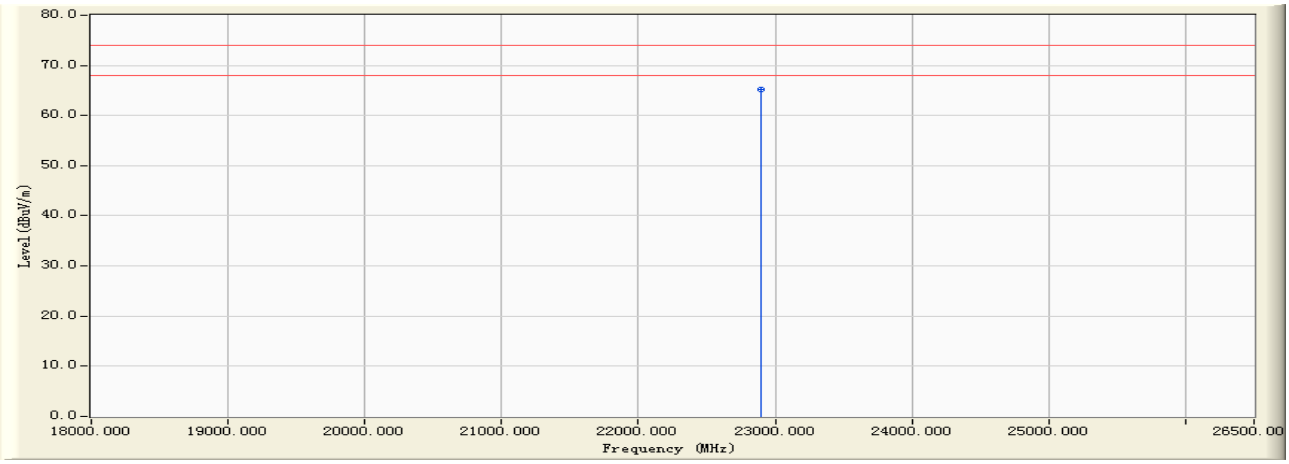


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21234.000	10.748	30.870	41.618	-12.382	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 19:58**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0)(2437MHz)**

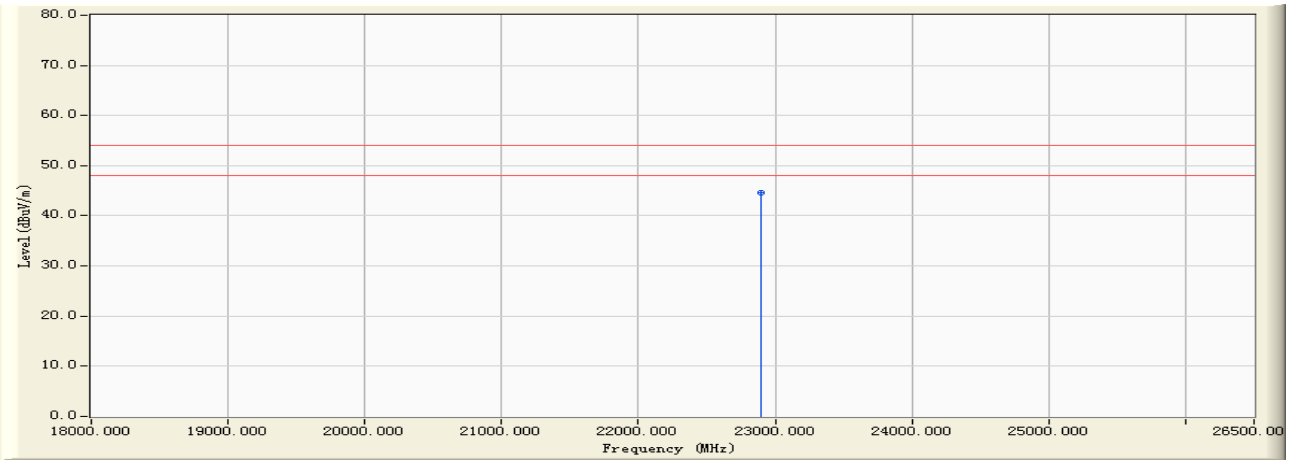


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22895.000	14.054	51.240	65.294	-8.706	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 19:58**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0)(2437MHz)**

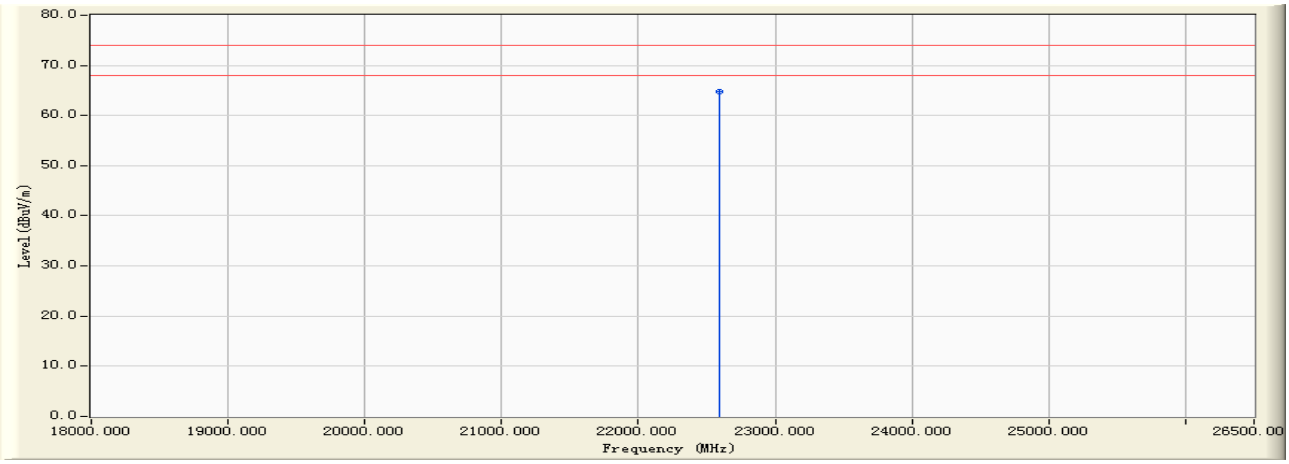


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22895.000	14.054	30.570	44.624	-9.376	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 19:58**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0)(2437MHz)**

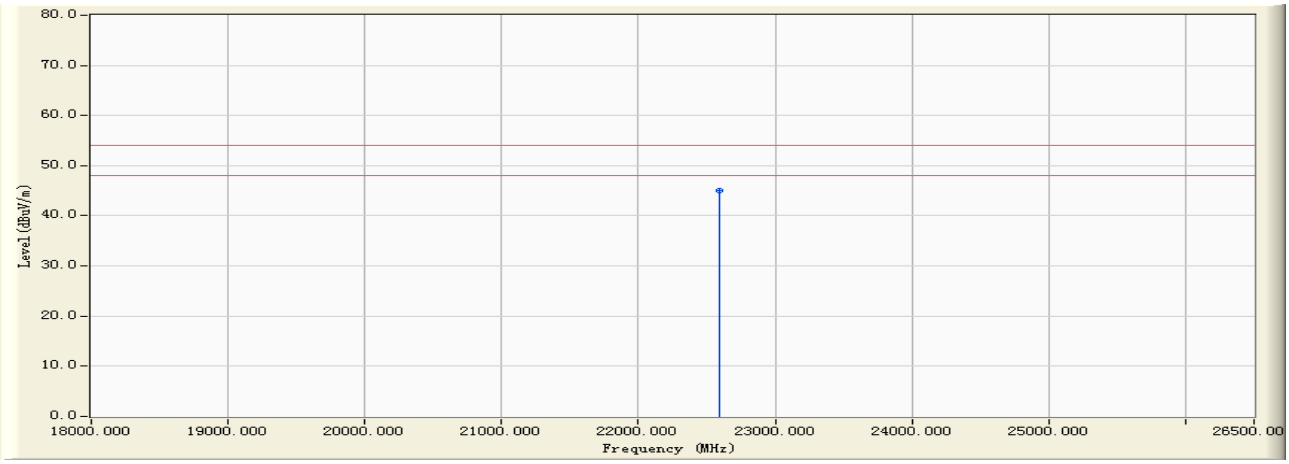


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22594.000	13.420	51.280	64.700	-9.300	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 19:58**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0)(2437MHz)**

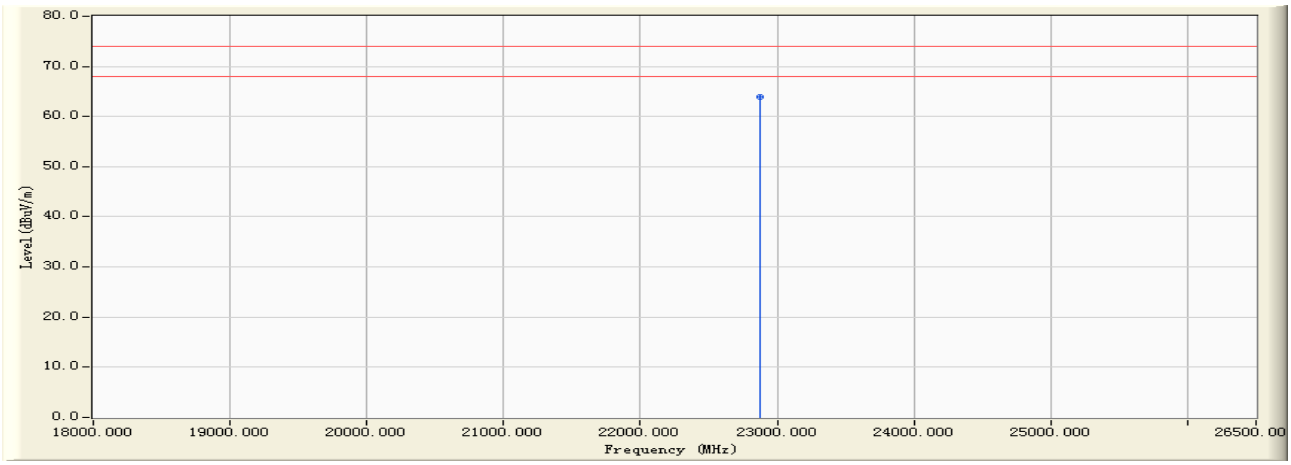


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22594.000	13.420	31.560	44.980	-9.020	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 19:59**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0)(2452MHz)**

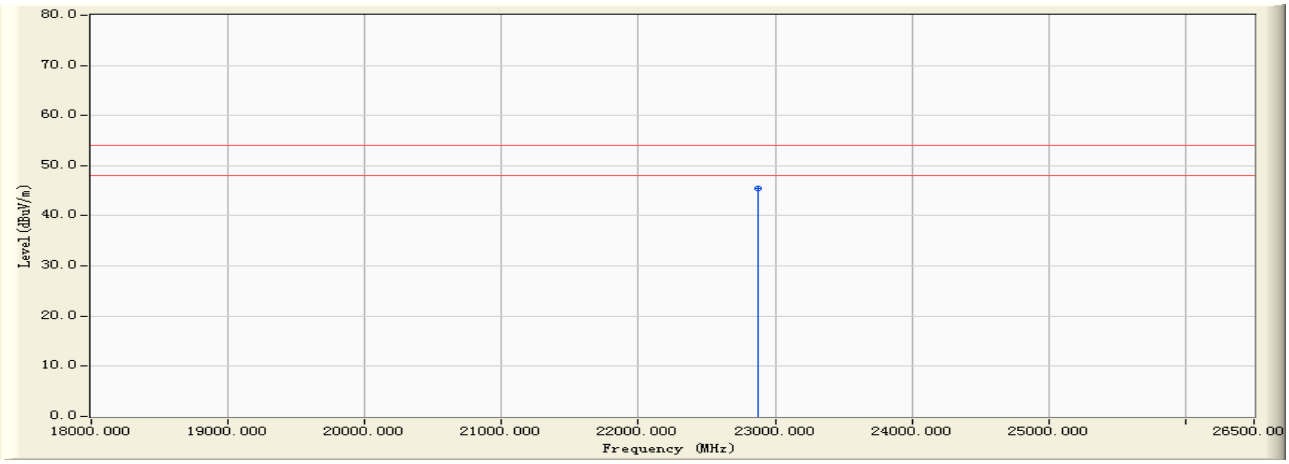


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22876.000	14.011	49.880	63.891	-10.109	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 19:59**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0)(2452MHz)**

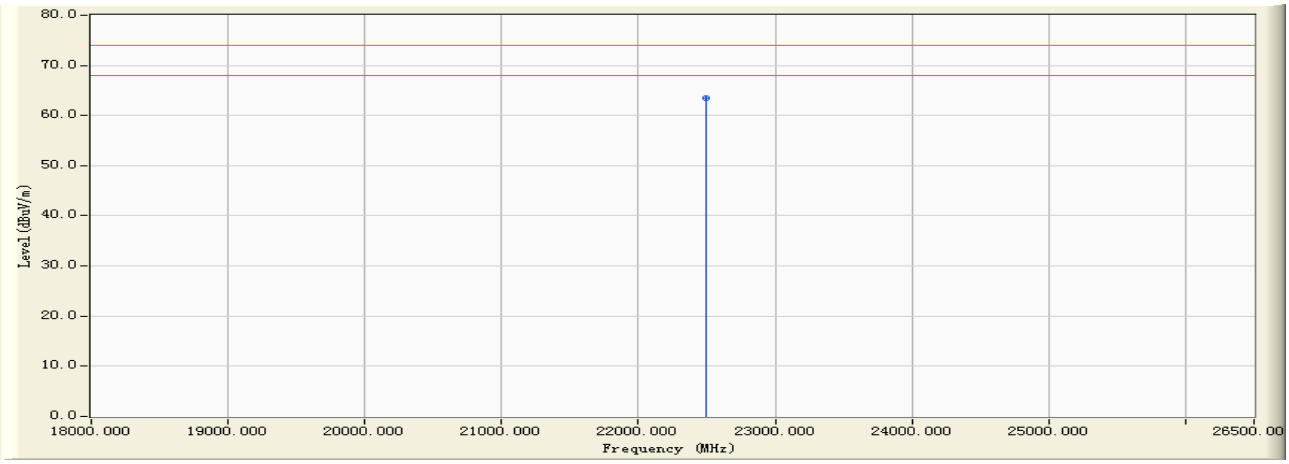


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22876.000	14.011	31.560	45.571	-8.429	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 19:59**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0)(2452MHz)**

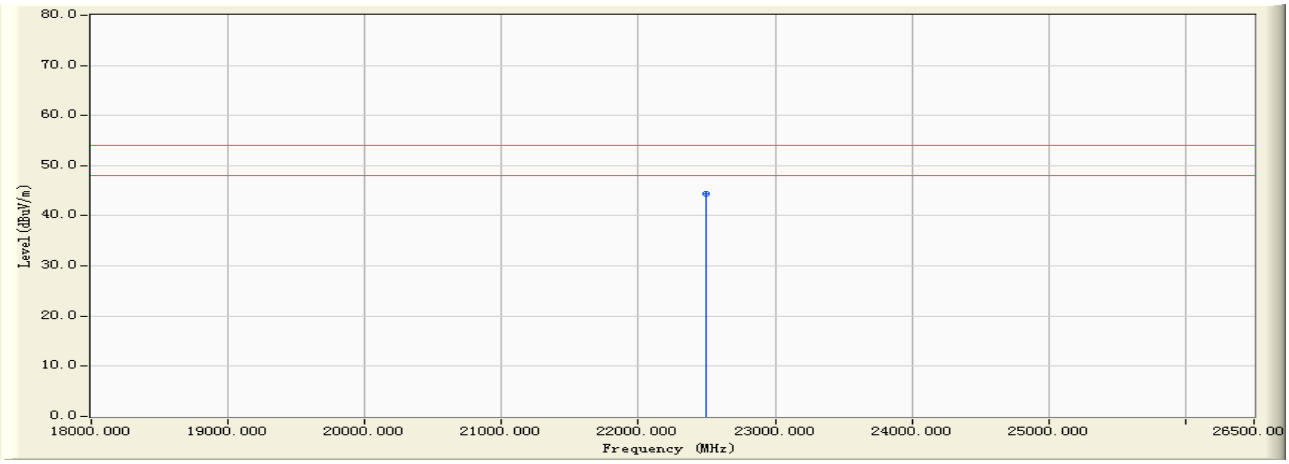


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22495.000	13.209	50.280	63.490	-10.510	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 19:59**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0)(2452MHz)**

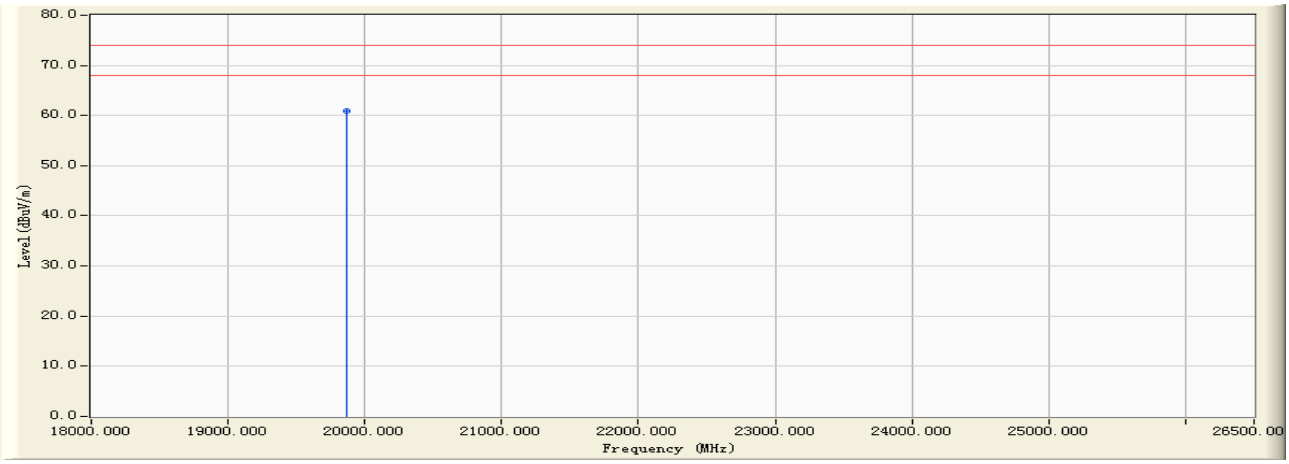


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22495.000	13.209	31.280	44.490	-9.510	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:00**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1)(2412MHz)**

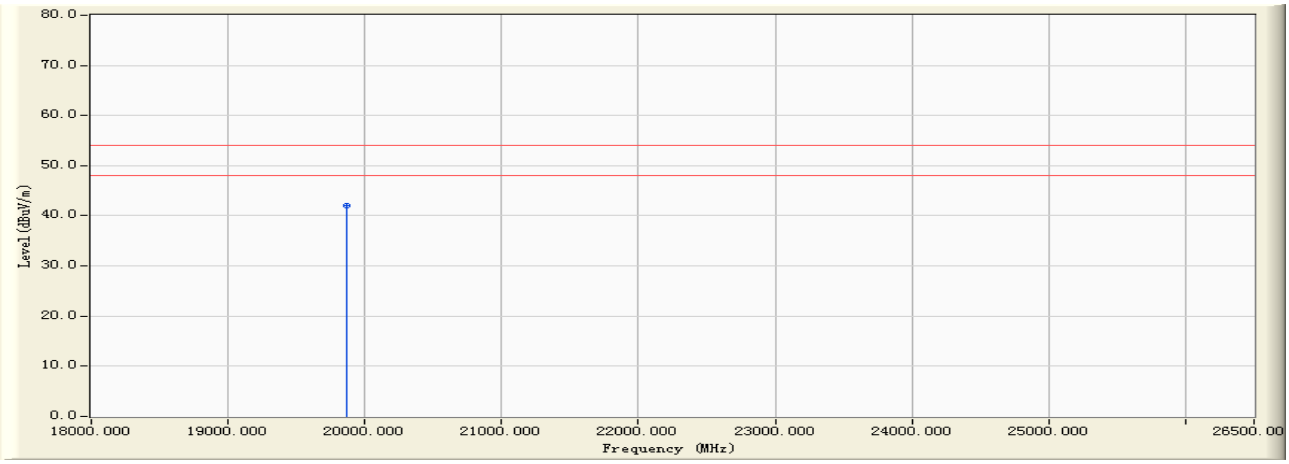


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19863.200	9.930	51.040	60.970	-13.030	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:00**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1)(2412MHz)**

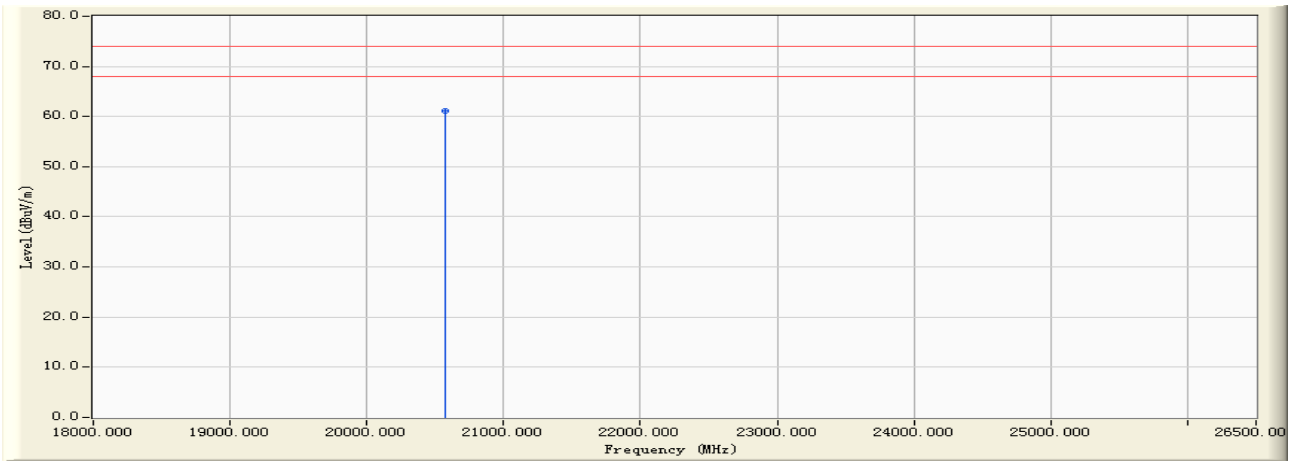


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19863.200	9.930	32.150	42.080	-11.920	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:01**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1)(2412MHz)**

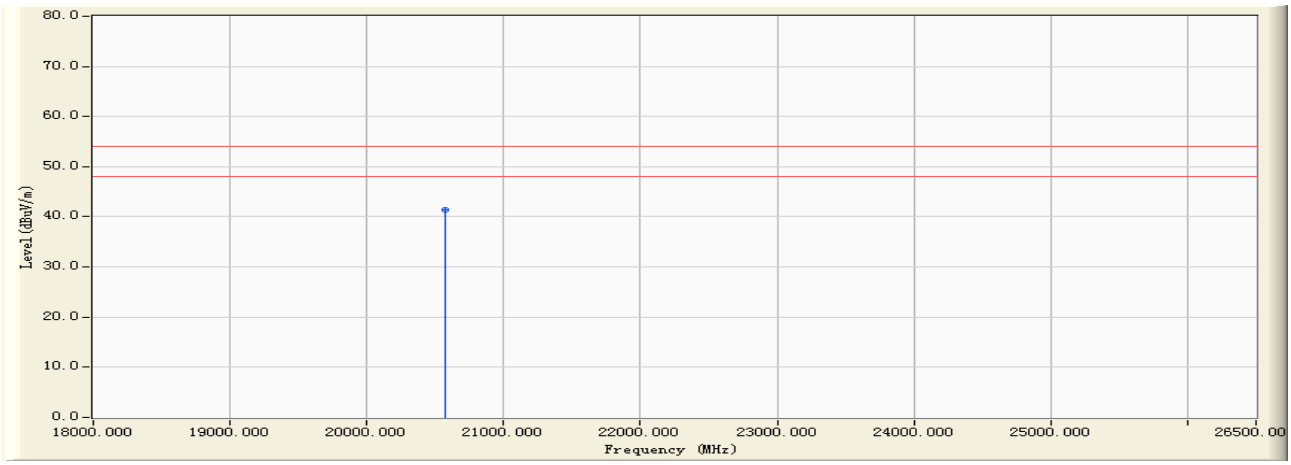


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20569.000	9.923	51.290	61.213	-12.787	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:01**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1)(2412MHz)**

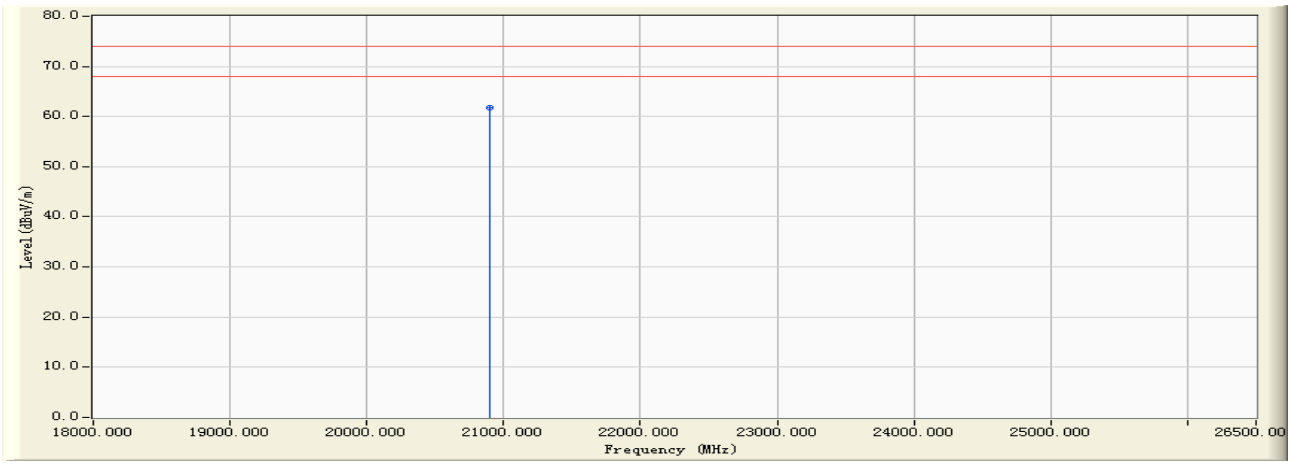


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20569.000	9.923	31.470	41.393	-12.607	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:02**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1)(2437MHz)**

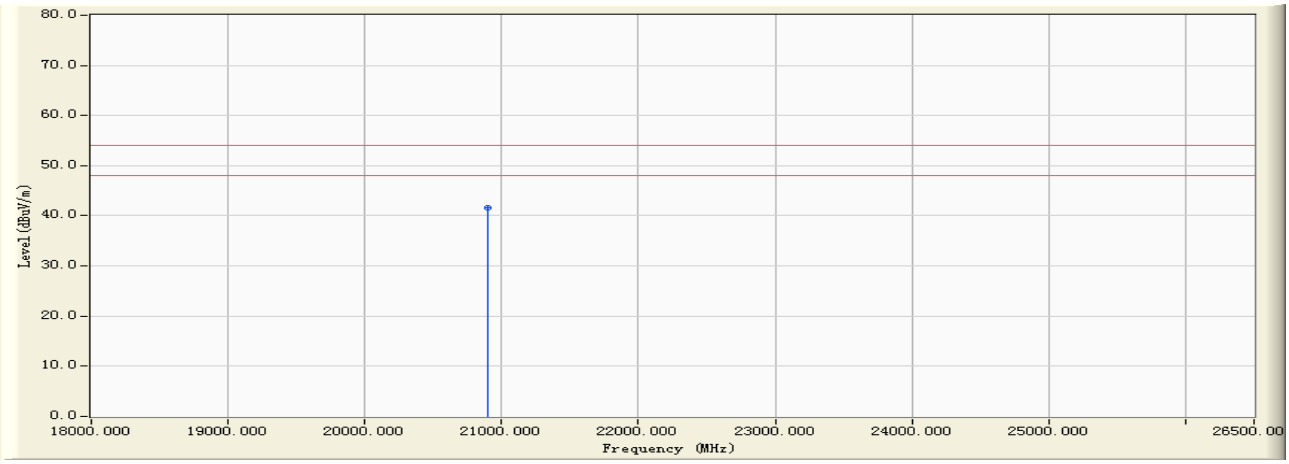


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20894.000	10.191	51.480	61.672	-12.328	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:02**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1)(2437MHz)**

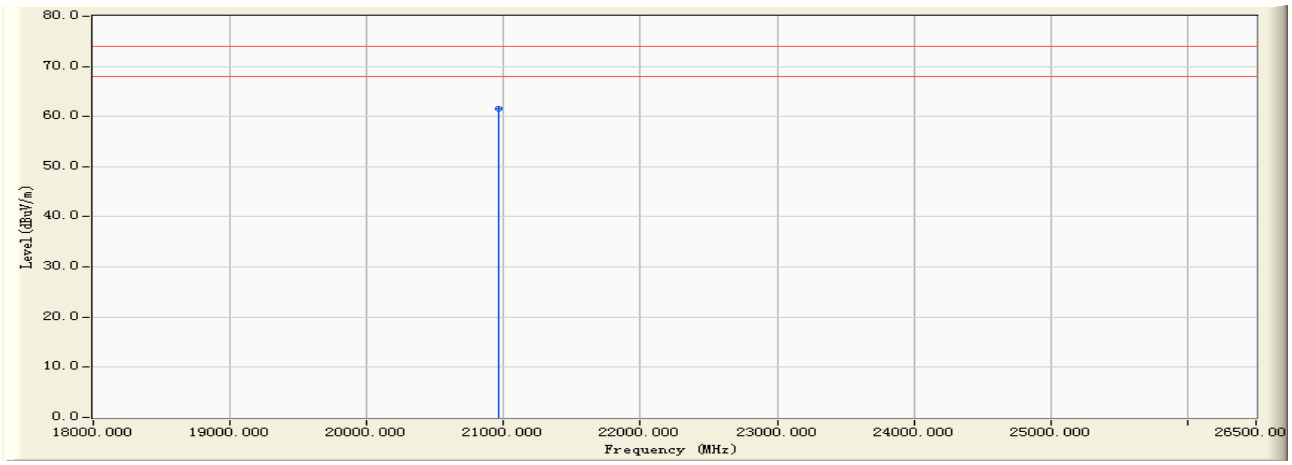


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20894.000	10.191	31.480	41.672	-12.328	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:02**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1)(2437MHz)**

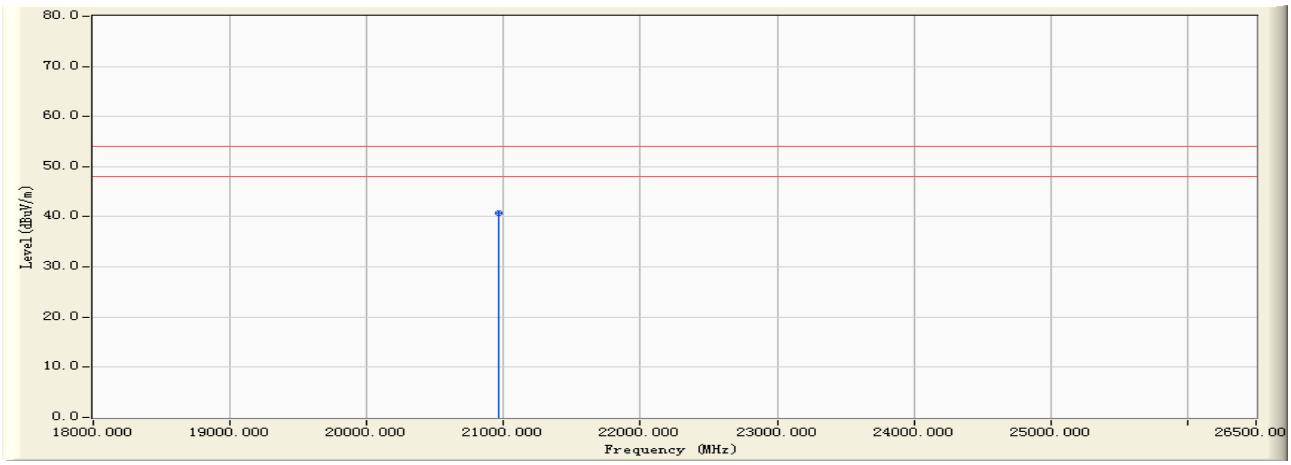


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20963.000	10.264	51.280	61.544	-12.456	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:02**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1)(2437MHz)**

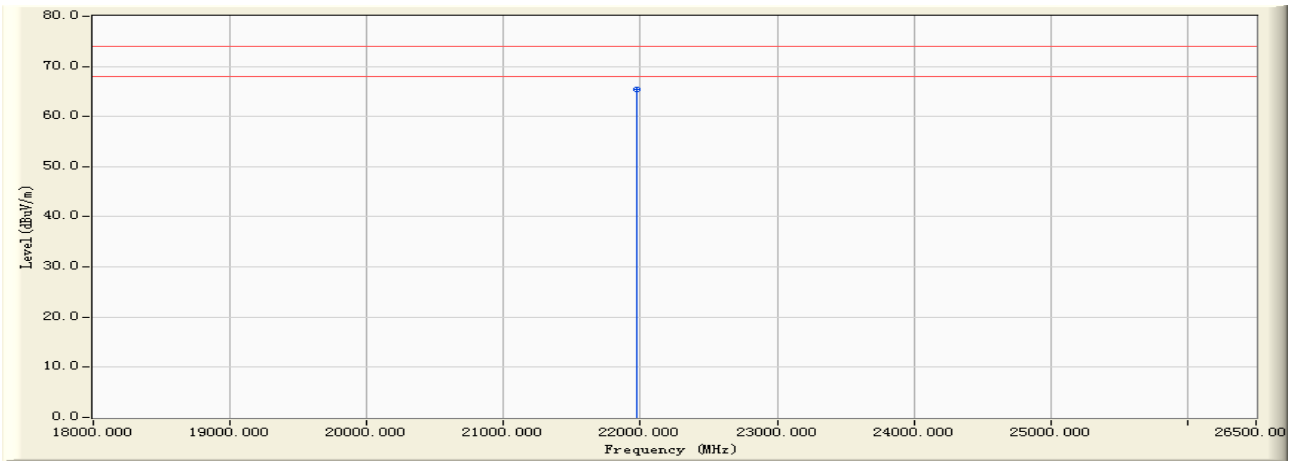


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20963.000	10.264	30.480	40.744	-13.256	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:03**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1)(2462MHz)**

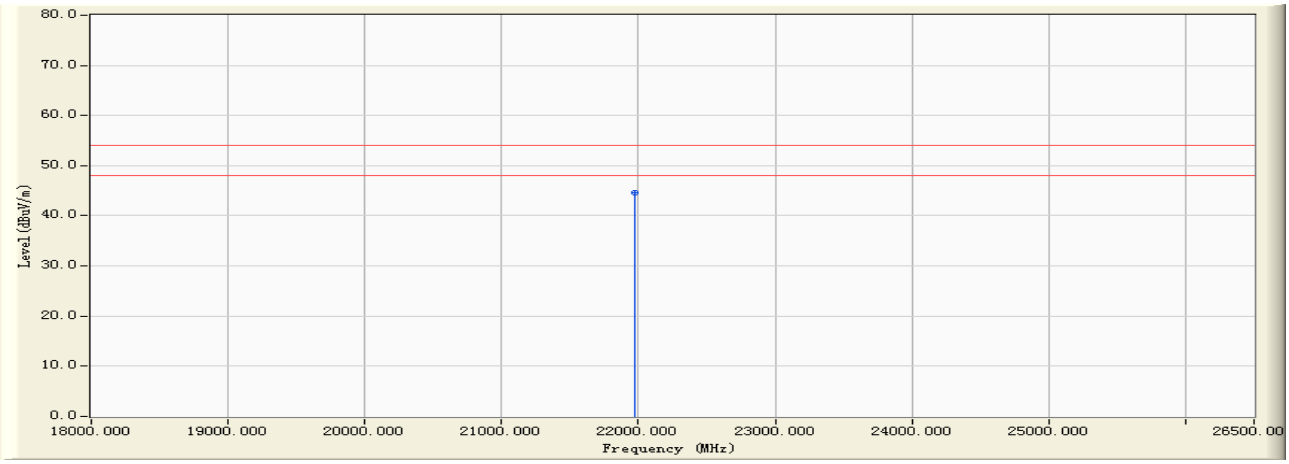


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21968.000	12.215	53.290	65.505	-8.495	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:03**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1)(2462MHz)**

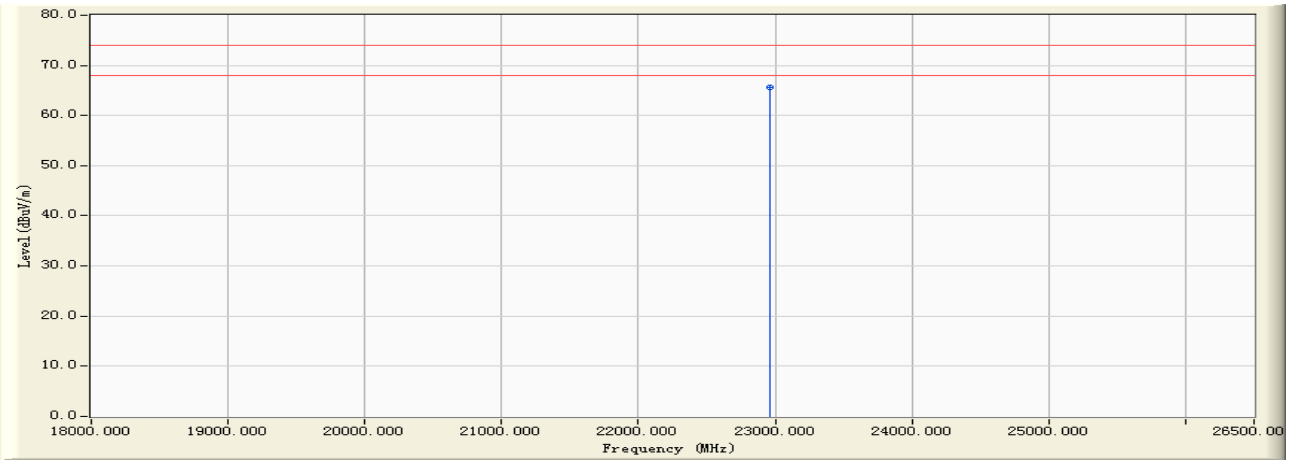


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21968.000	12.215	32.470	44.685	-9.315	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:03**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1)(2462MHz)**

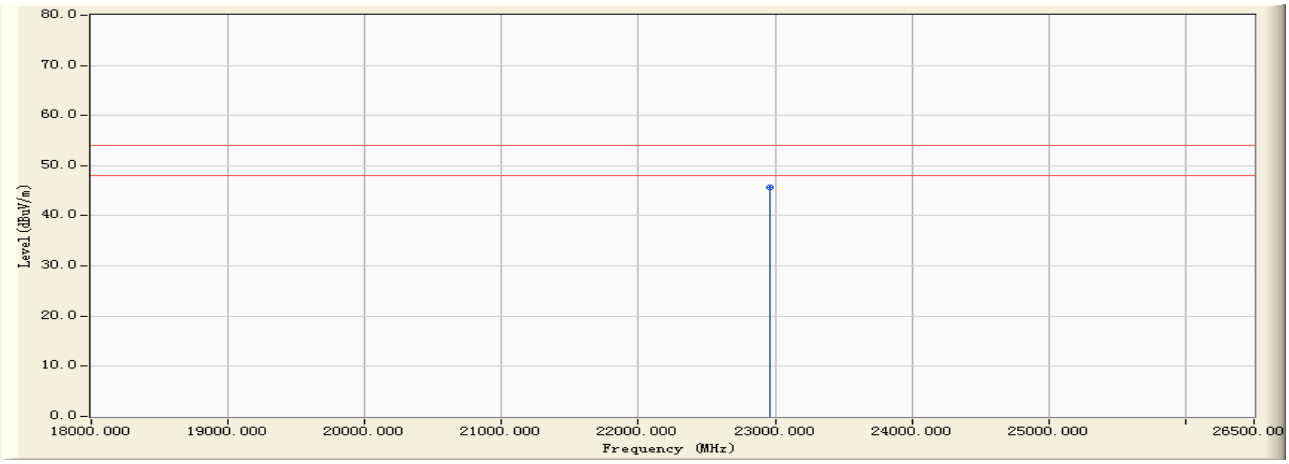


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22965.000	14.206	51.470	65.676	-8.324	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:04**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An1)(2462MHz)**

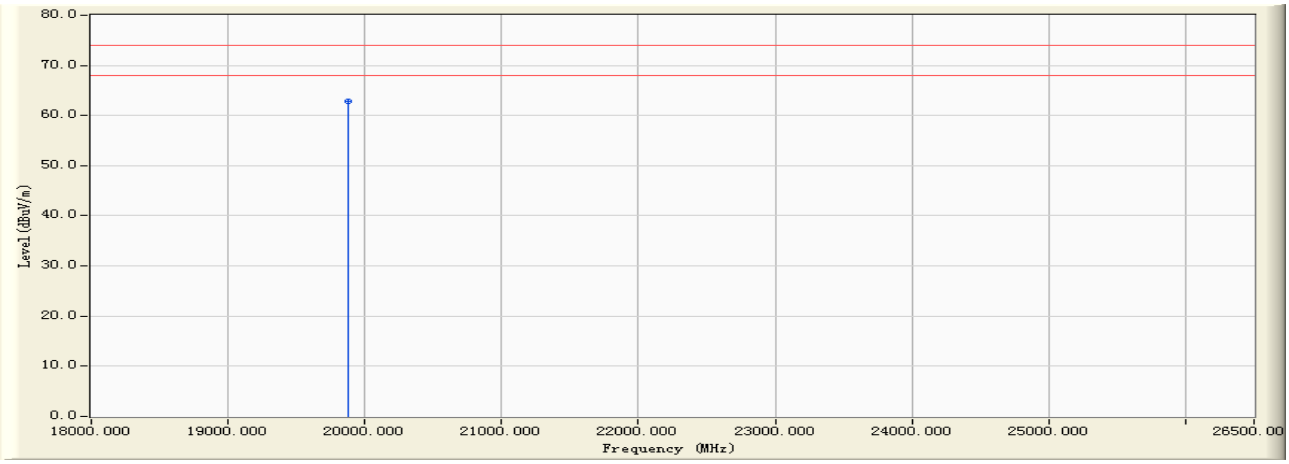


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22965.000	14.206	31.470	45.676	-8.324	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:04**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1)(2412MHz)**

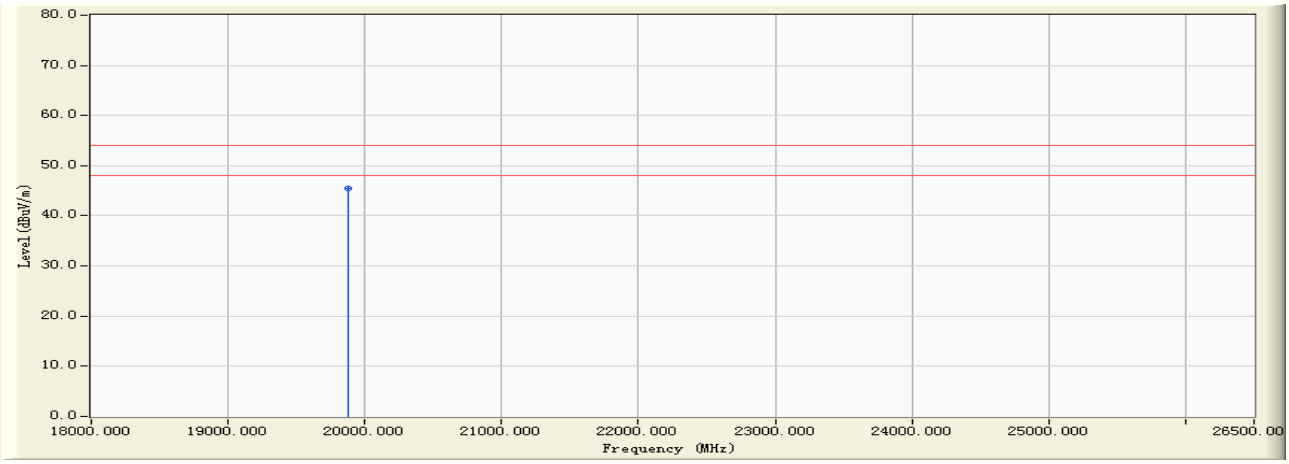


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19873.000	9.931	52.840	62.771	-11.229	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:04**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1)(2412MHz)**

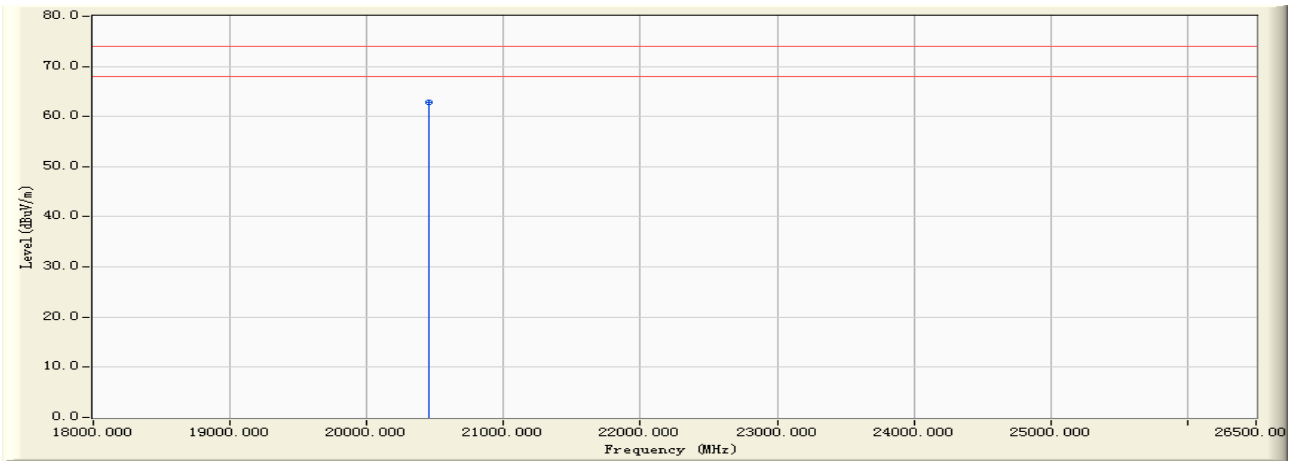


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19873.000	9.931	35.640	45.571	-8.429	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:05**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1)(2412MHz)**

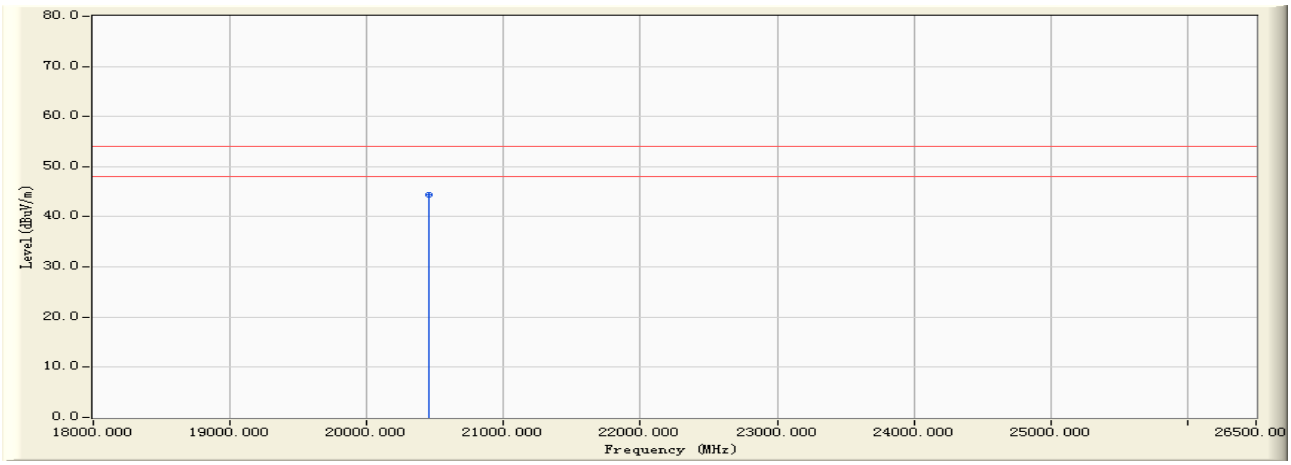


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20451.000	9.867	52.890	62.757	-11.243	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:05**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1)(2412MHz)**

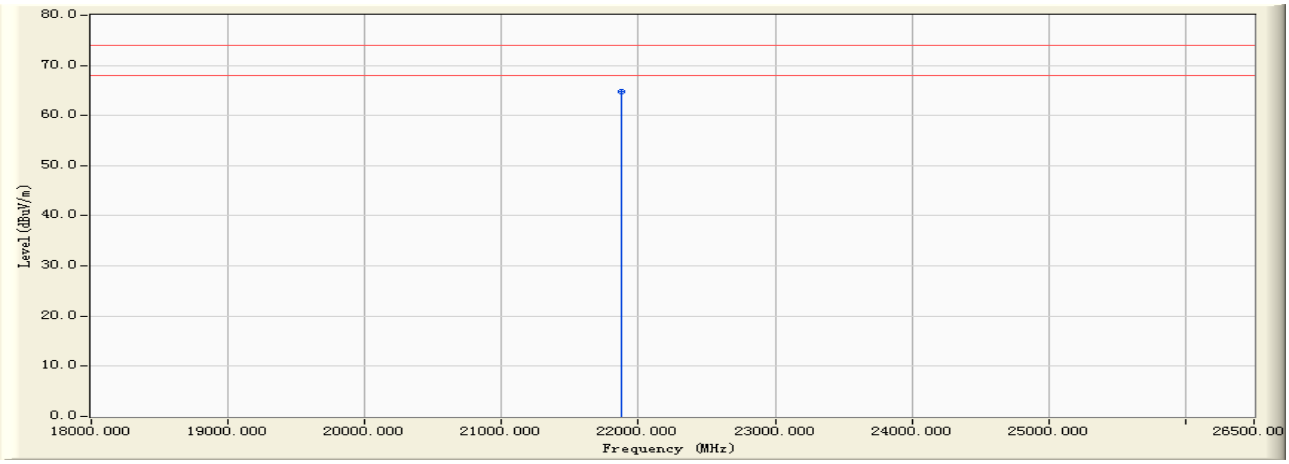


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20451.000	9.867	34.590	44.457	-9.543	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:05**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1)(2437MHz)**

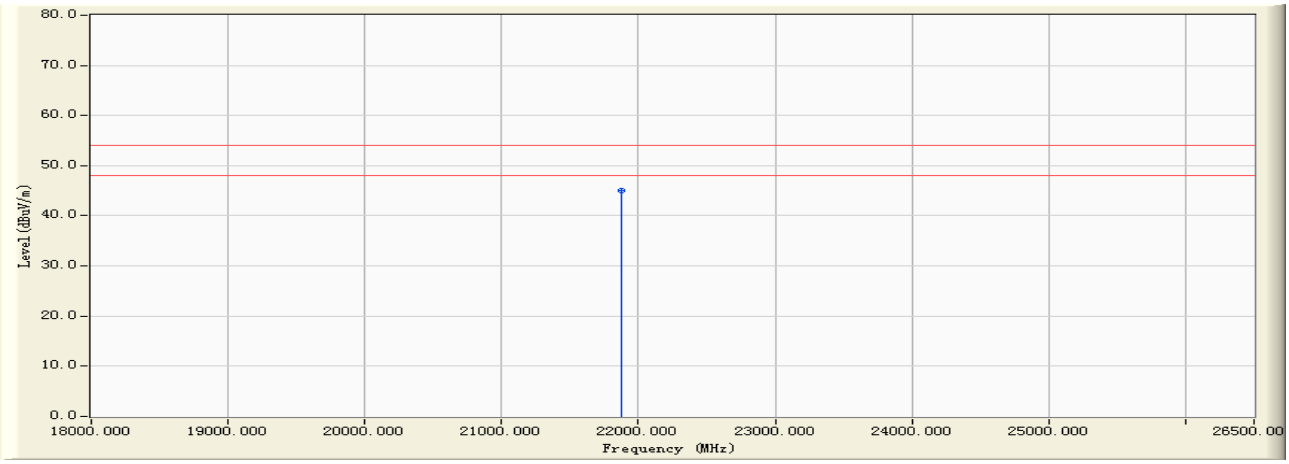


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21872.000	11.992	52.850	64.842	-9.158	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:05**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1)(2437MHz)**

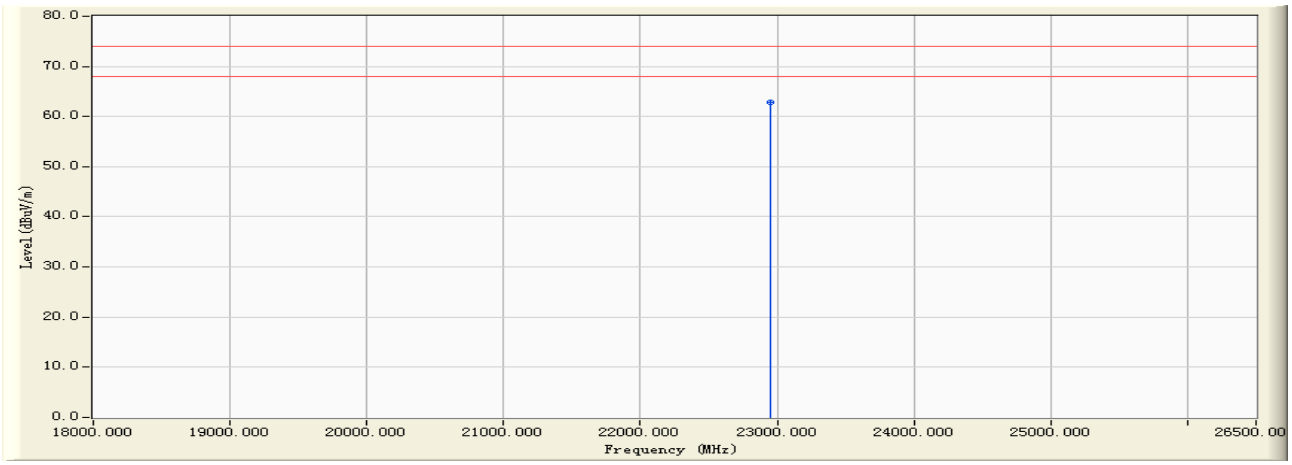


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21872.000	11.992	33.020	45.012	-8.988	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:06**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1)(2437MHz)**

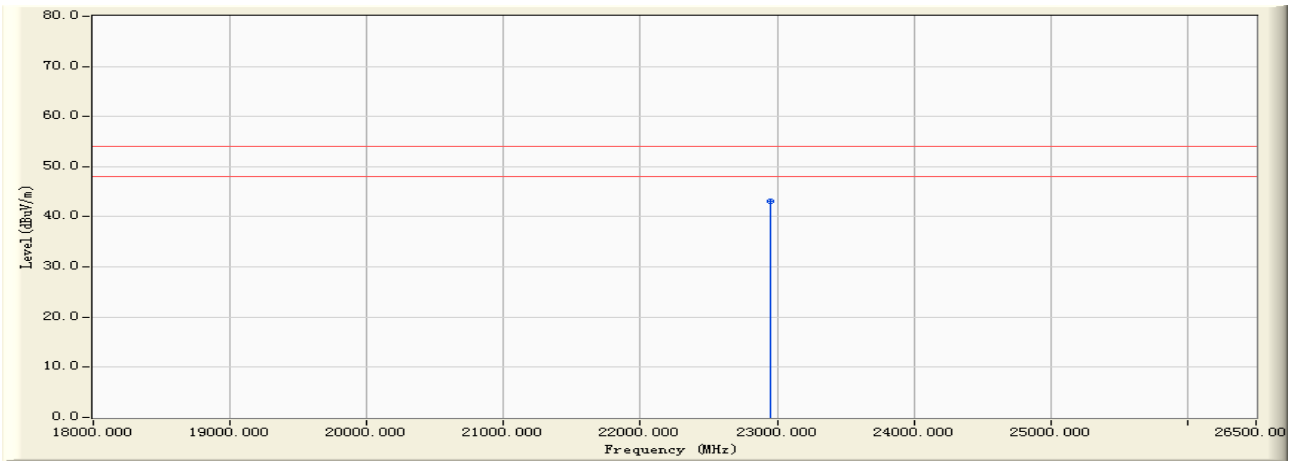


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22954.000	14.179	48.740	62.919	-11.081	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:06**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1)(2437MHz)**

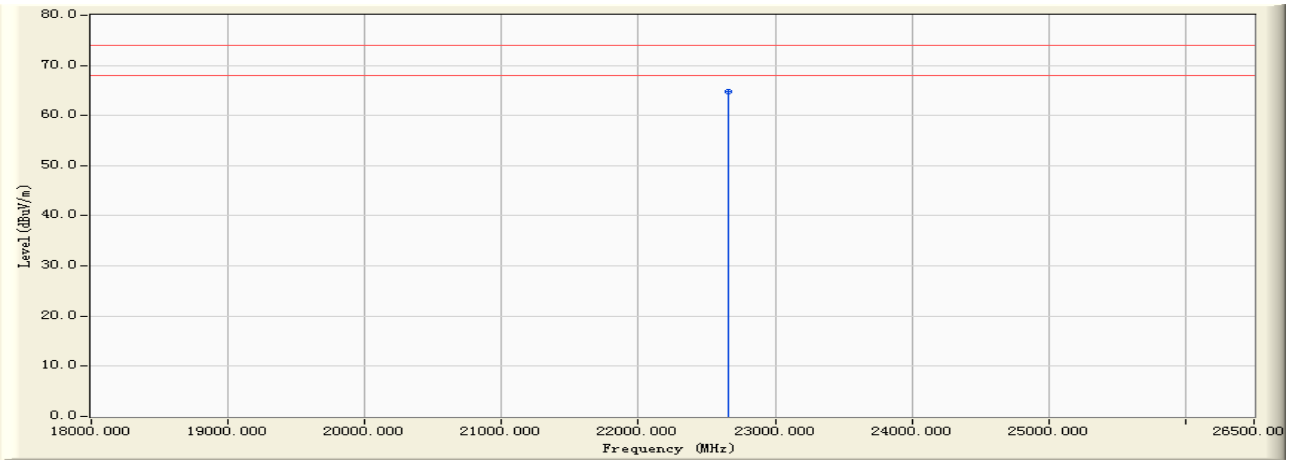


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22954.000	14.179	28.970	43.149	-10.851	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:07**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1)(2452MHz)**

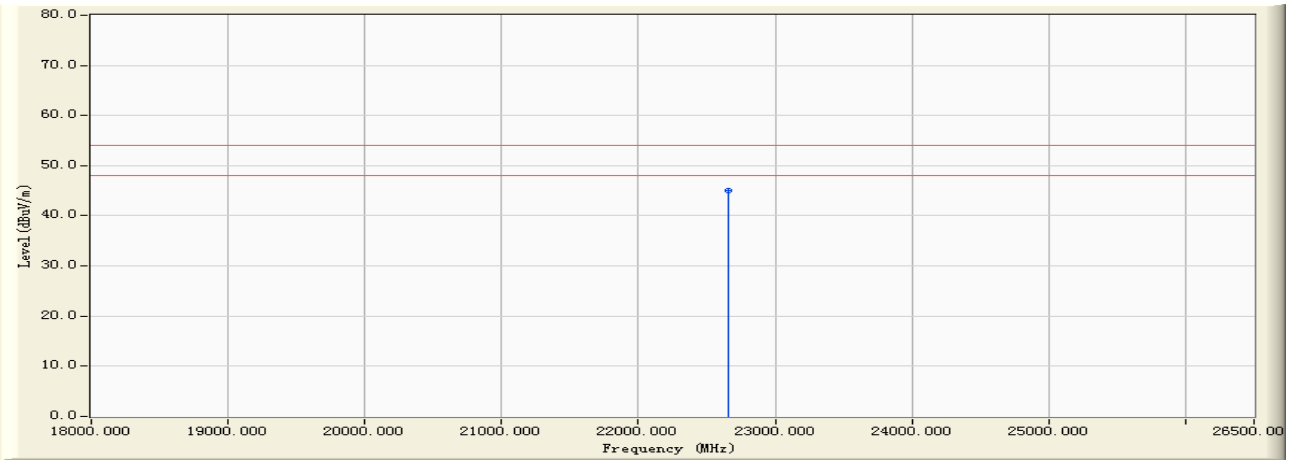


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22657.000	13.540	51.260	64.800	-9.200	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:07**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1)(2452MHz)**

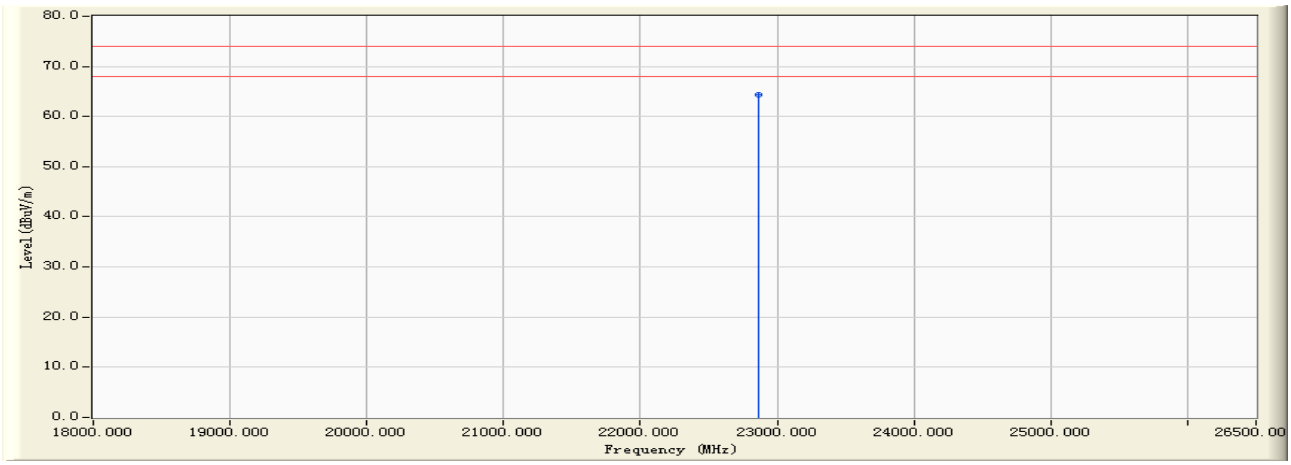


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22657.000	13.540	31.480	45.020	-8.980	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:08**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1)(2452MHz)**

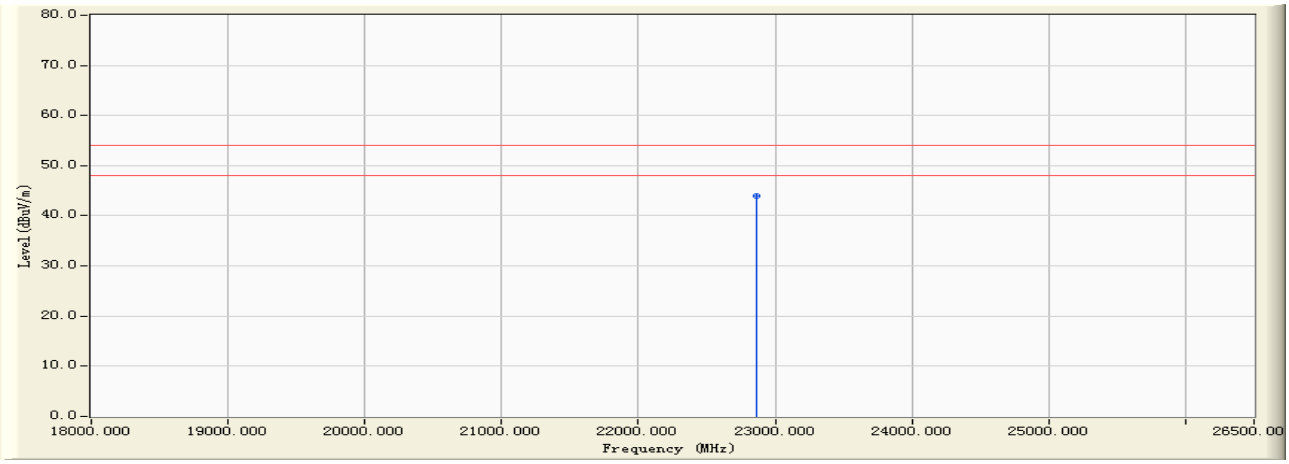


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22863.000	13.978	50.470	64.448	-9.552	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 20:08**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An1)(2452MHz)**

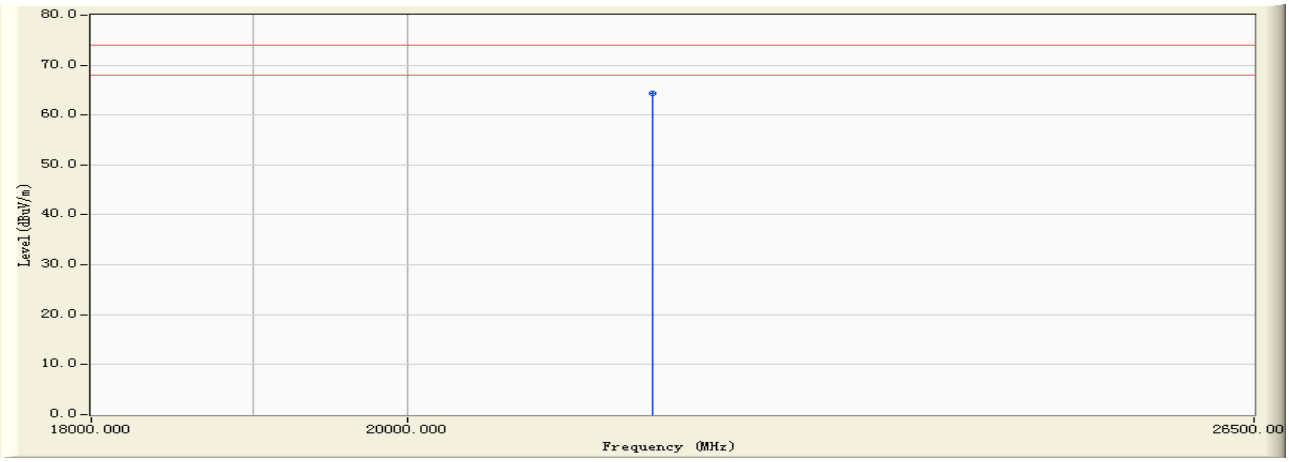


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22863.000	13.978	30.050	44.028	-9.972	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:01**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1)(2412MHz)**

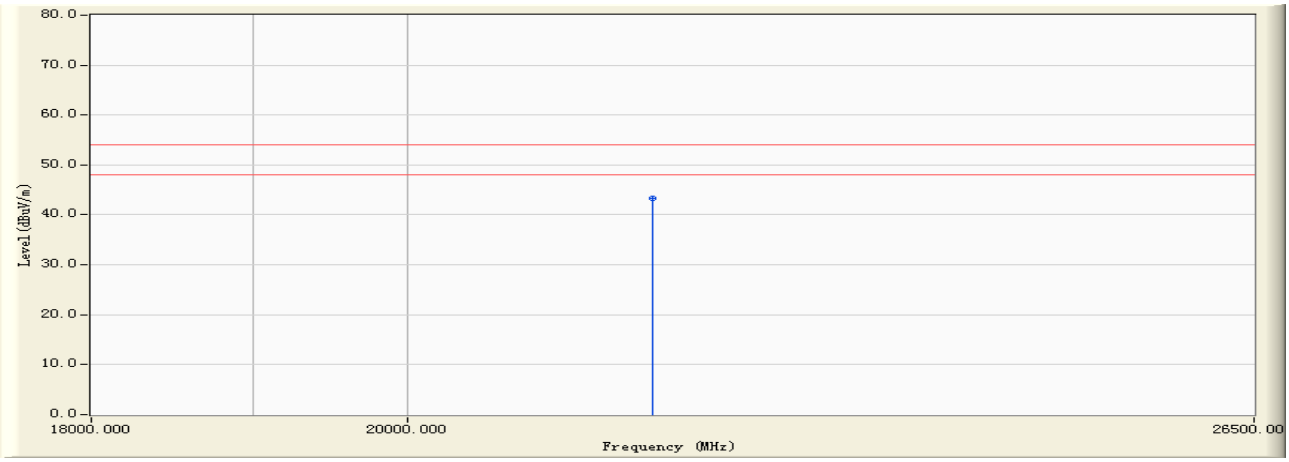


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21695.000	11.635	52.690	64.325	-9.675	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:01**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1)(2412MHz)**

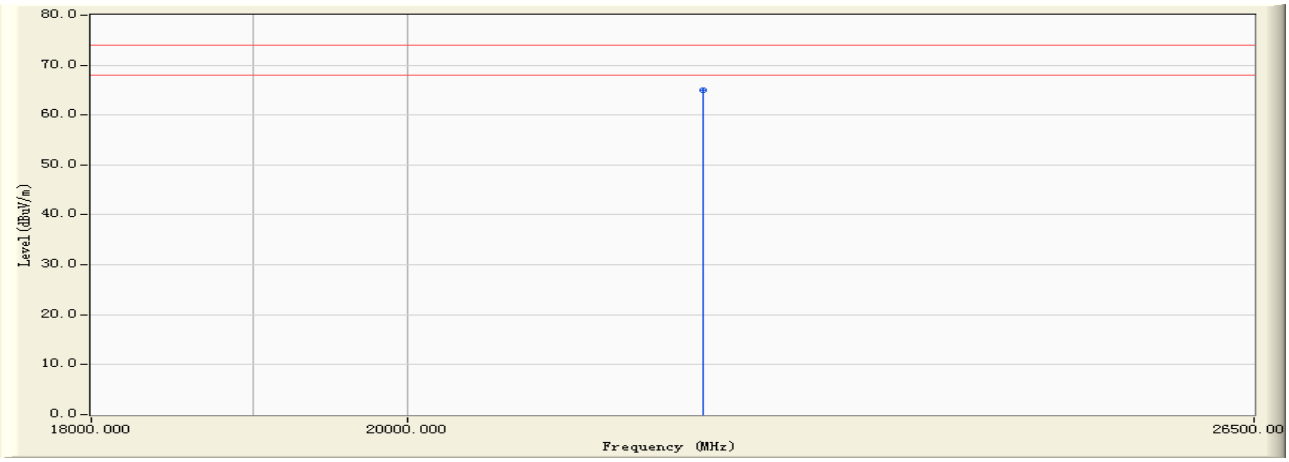


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21695.000	11.635	31.680	43.315	-10.685	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:01**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1)(2412MHz)**

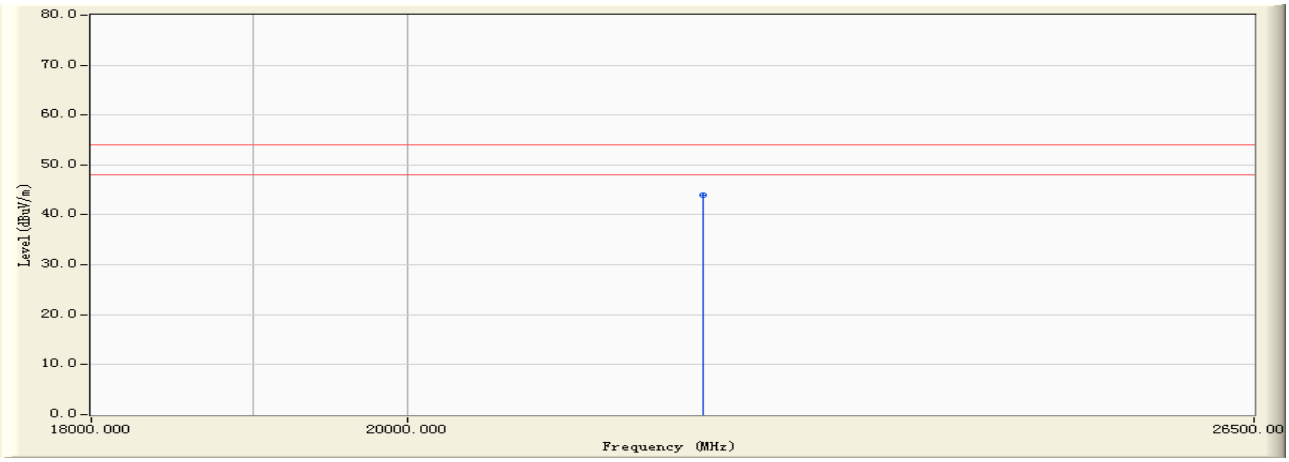


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22065.000	12.394	52.630	65.024	-8.976	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:01**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1)(2412MHz)**

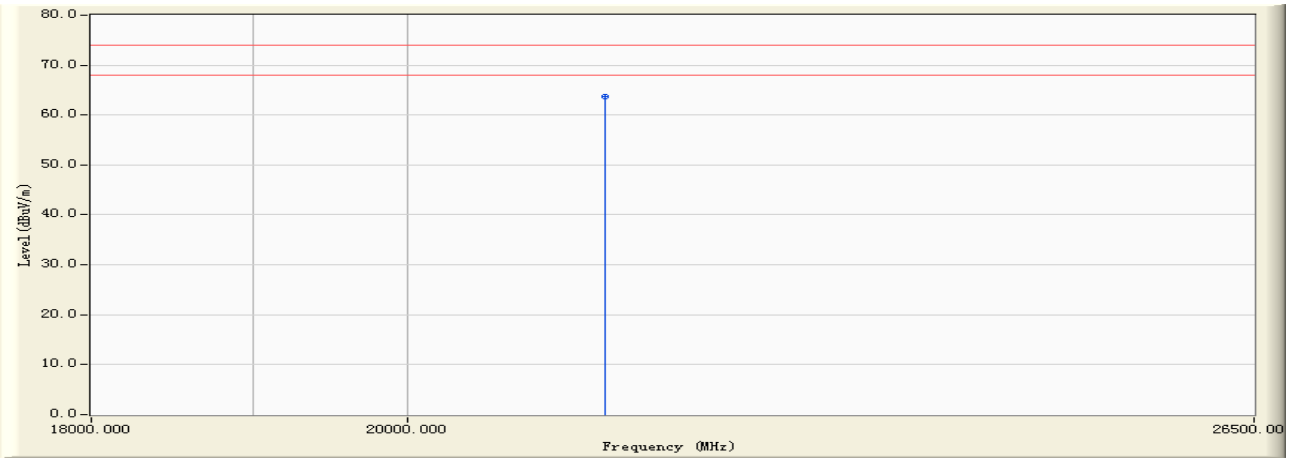


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22065.000	12.394	31.570	43.964	-10.036	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:02**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1)(2437MHz)**

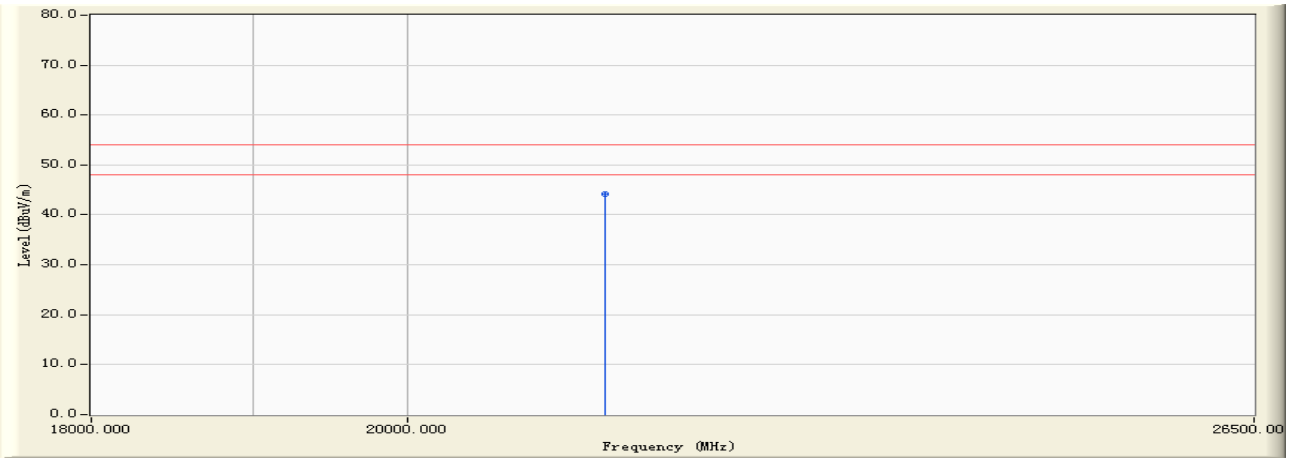


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21357.000	10.994	52.640	63.633	-10.367	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:02**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1)(2437MHz)**

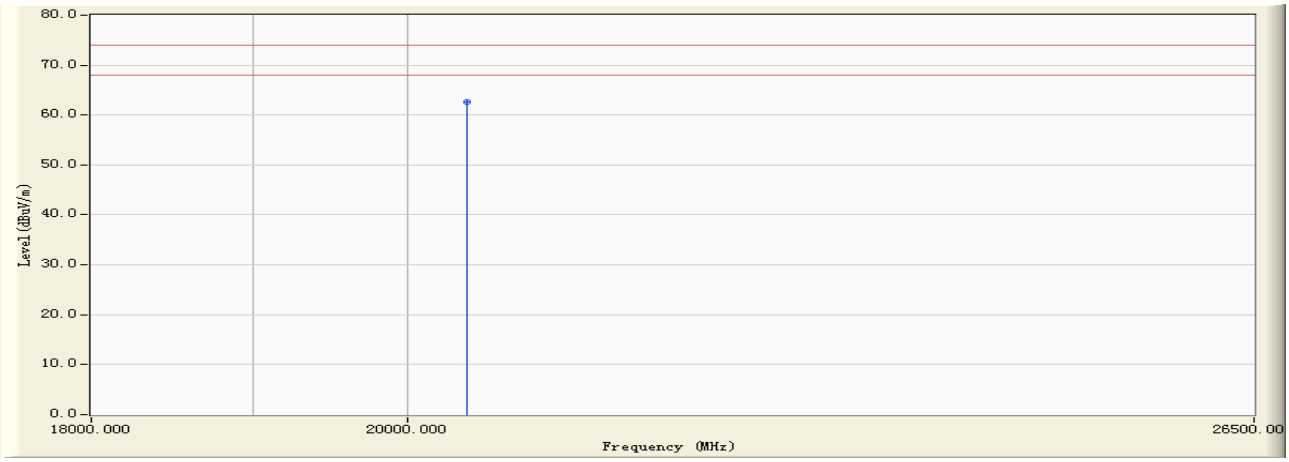


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21357.000	10.994	33.170	44.163	-9.837	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:02**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1)(2437MHz)**

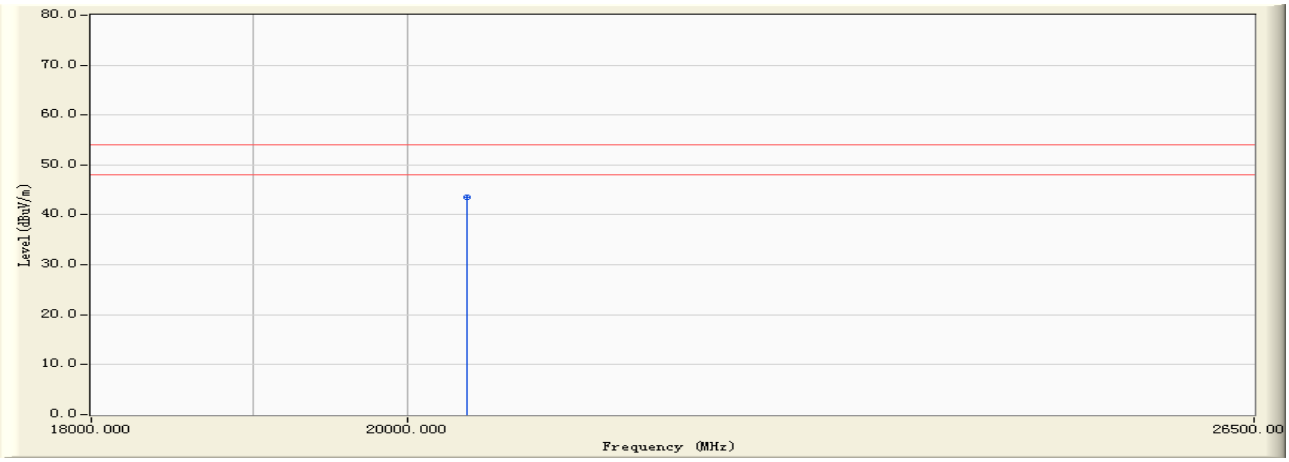


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20394.000	9.870	52.680	62.550	-11.450	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:02**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1)(2437MHz)**

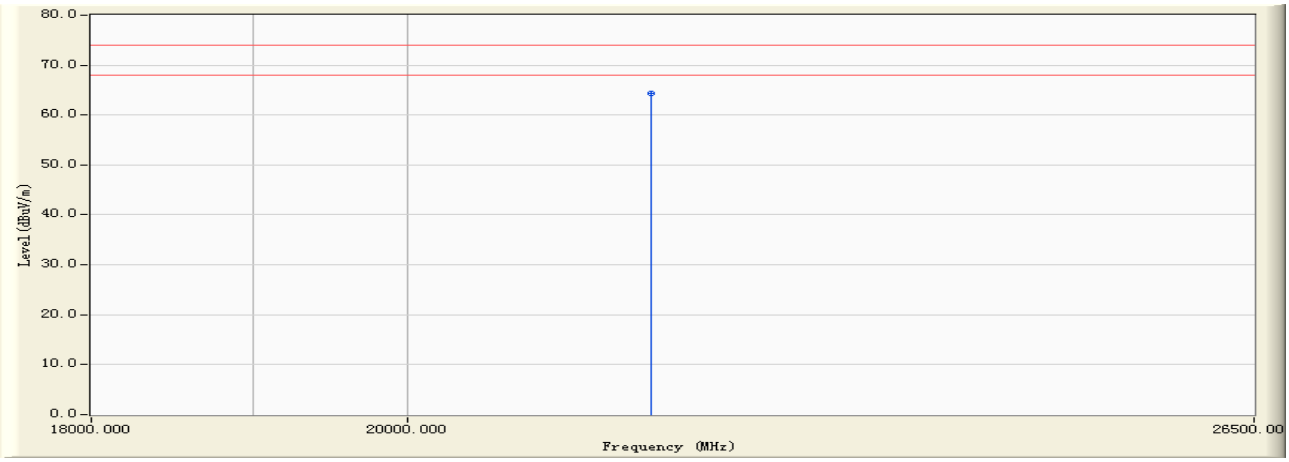


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	20394.000	9.870	33.610	43.480	-10.520	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:03**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1)(2462MHz)**

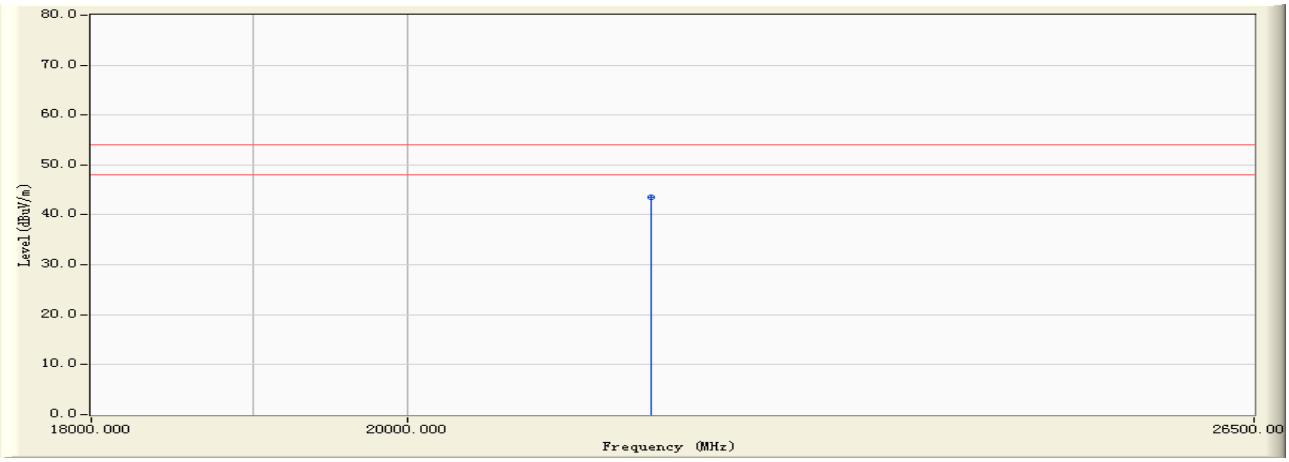


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21684.000	11.618	52.630	64.247	-9.753	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:03**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1)(2462MHz)**

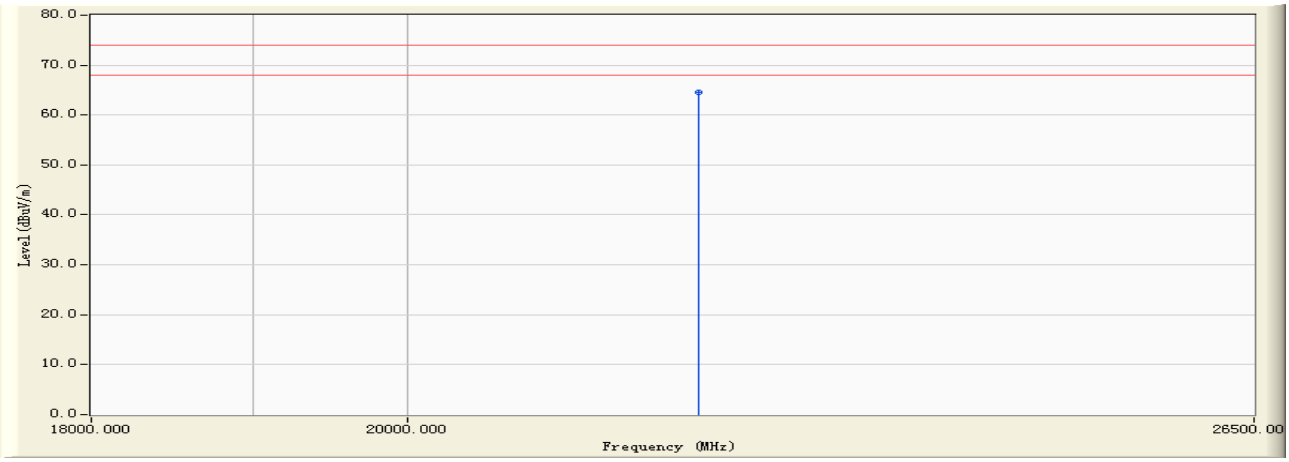


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21684.000	11.618	31.990	43.607	-10.393	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:04**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1)(2462MHz)**

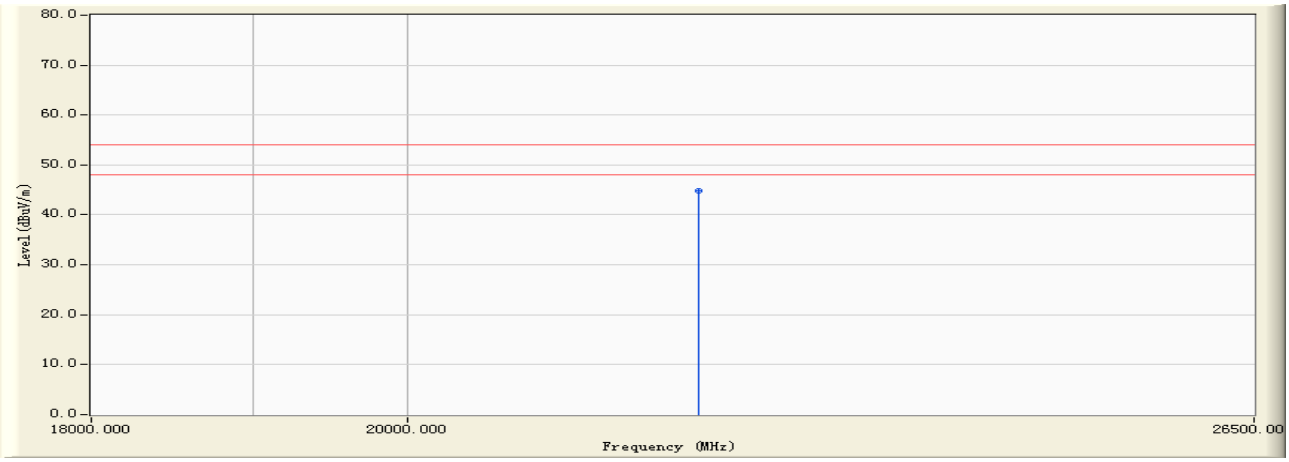


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22035.000	12.346	52.160	64.506	-9.494	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:04**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3:Transmit by 802.11n(20MHz) (An0 and An1)(2462MHz)**

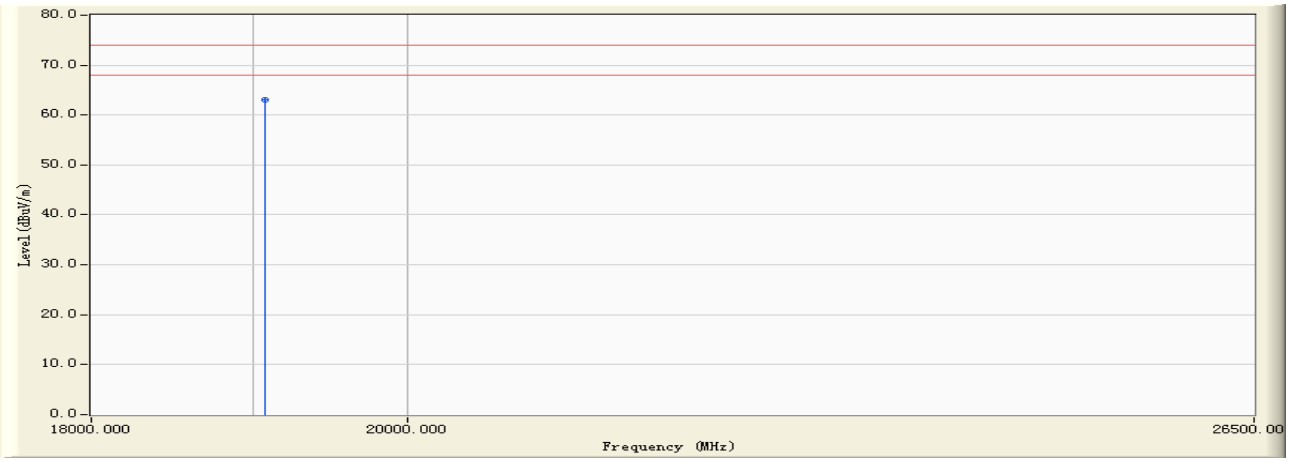


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22035.000	12.346	32.470	44.816	-9.184	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:04**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2422MHz)**

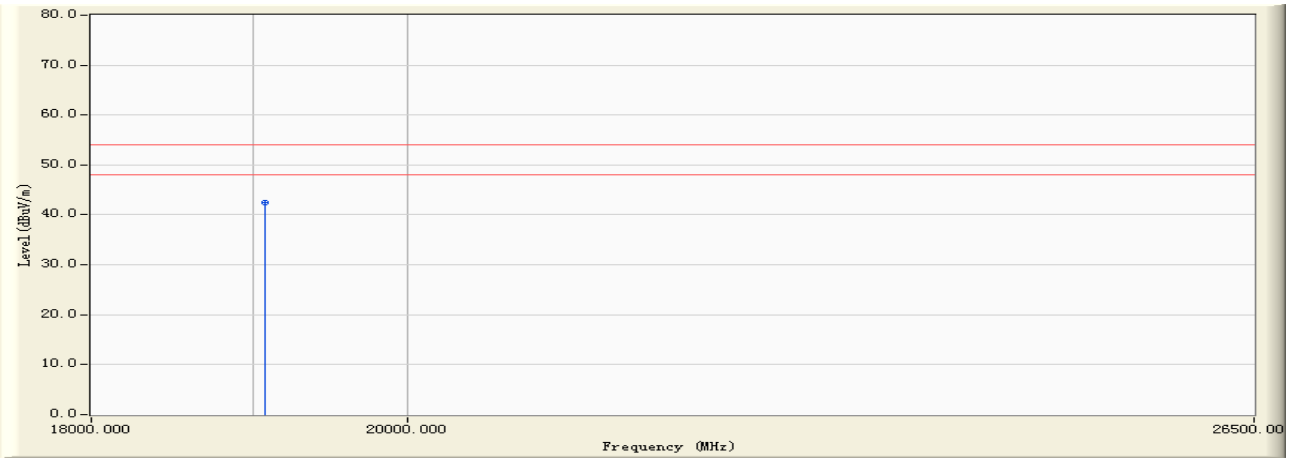


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19068.000	9.867	53.210	63.077	-10.923	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:04**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2422MHz)**

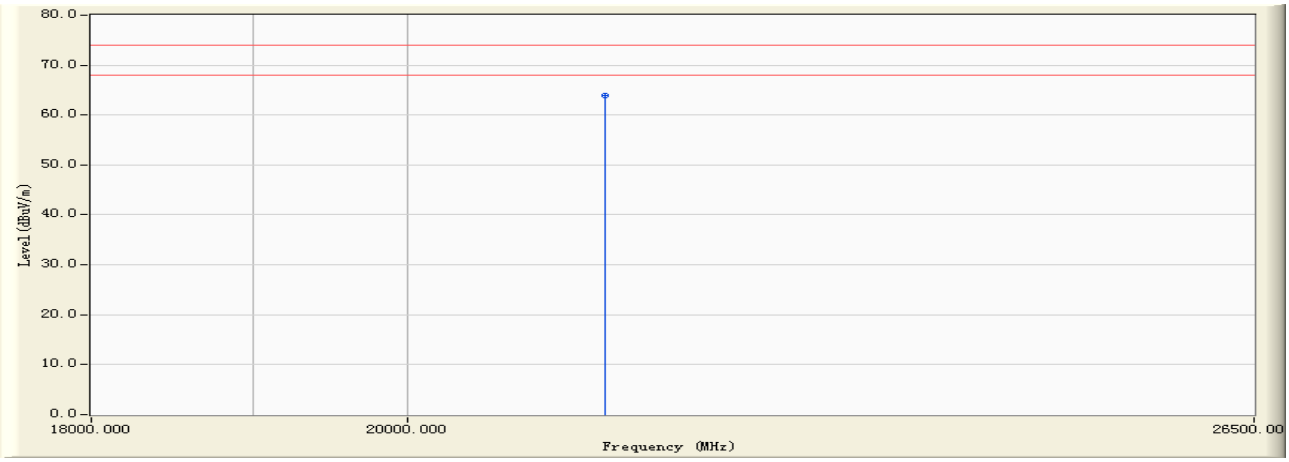


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	19068.000	9.867	32.650	42.517	-11.483	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:05**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2422MHz)**

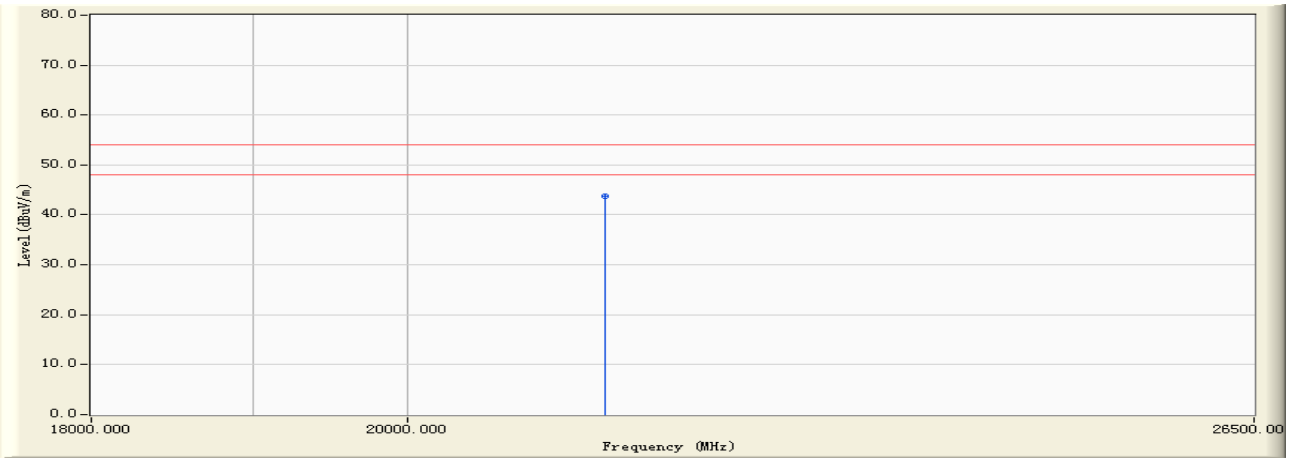


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21354.000	10.987	52.830	63.817	-10.183	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:05**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2422MHz)**

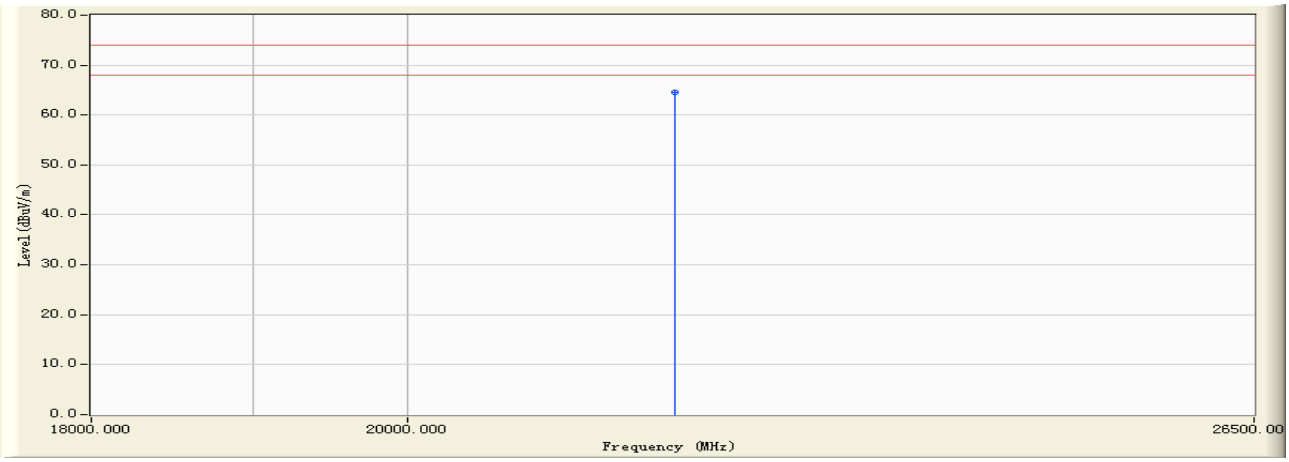


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21354.000	10.987	32.670	43.657	-10.343	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:05**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2437MHz)**

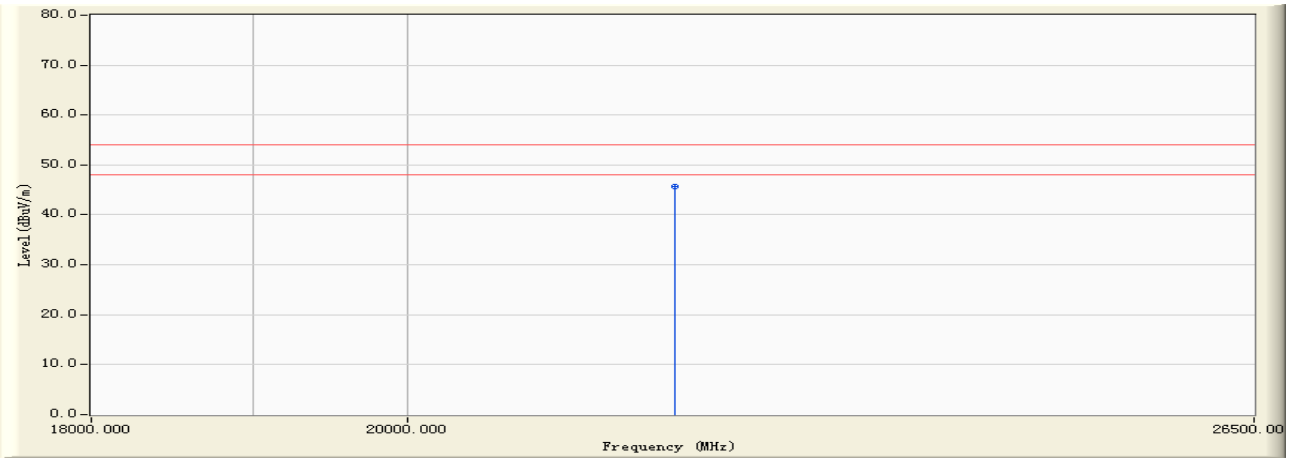


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21859.000	11.960	52.610	64.570	-9.430	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:05**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2437MHz)**

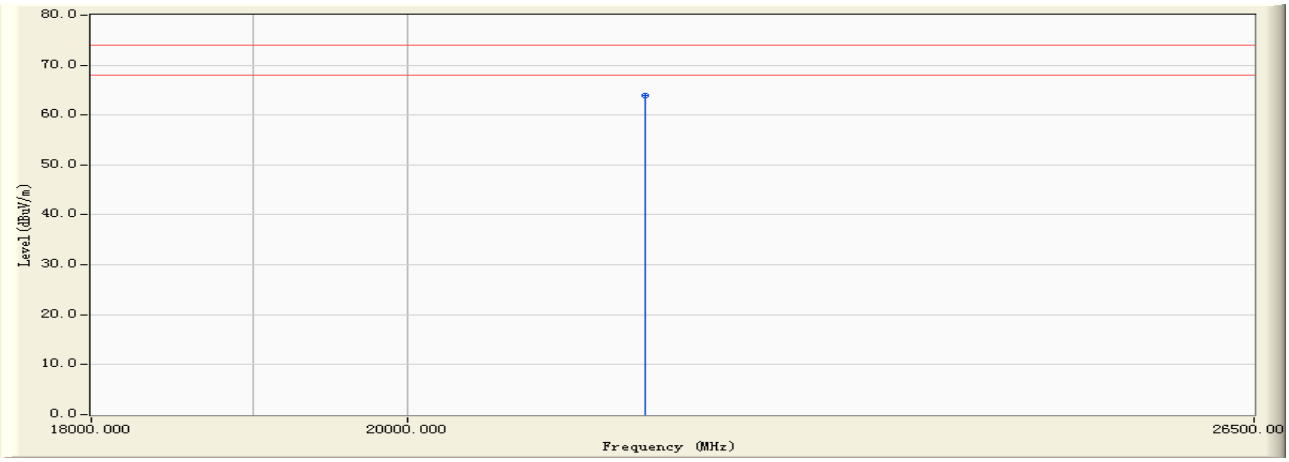


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21859.000	11.960	33.620	45.580	-8.420	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:06**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2437MHz)**

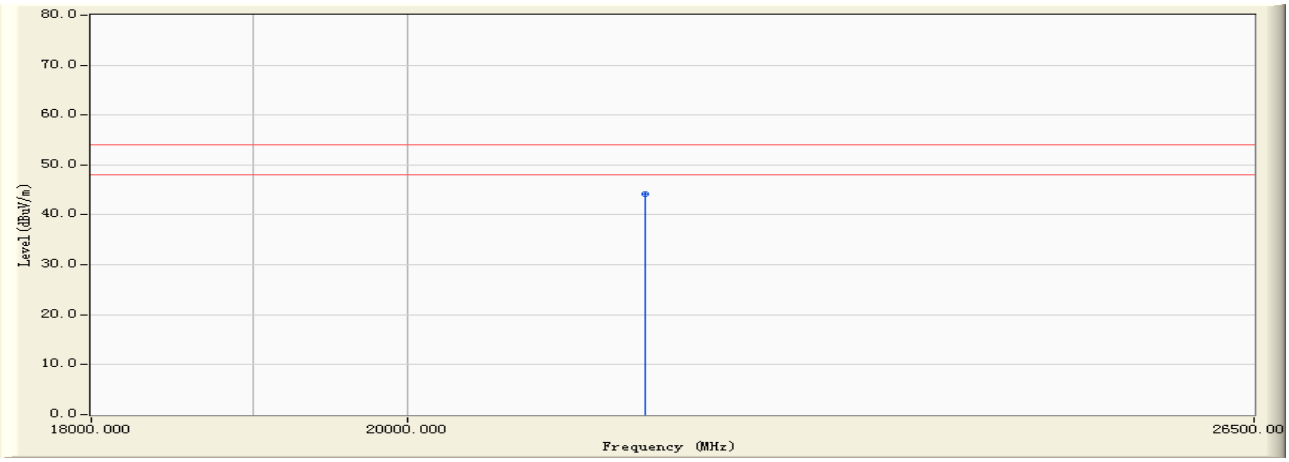


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21638.000	11.523	52.290	63.813	-10.187	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:06**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2437MHz)**

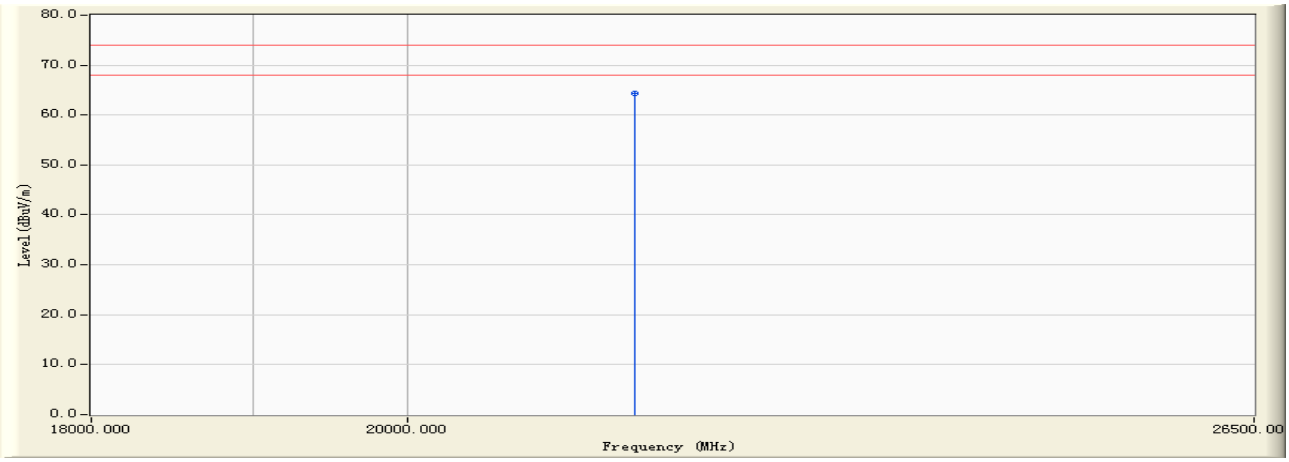


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21638.000	11.523	32.570	44.093	-9.907	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:07**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2452MHz)**

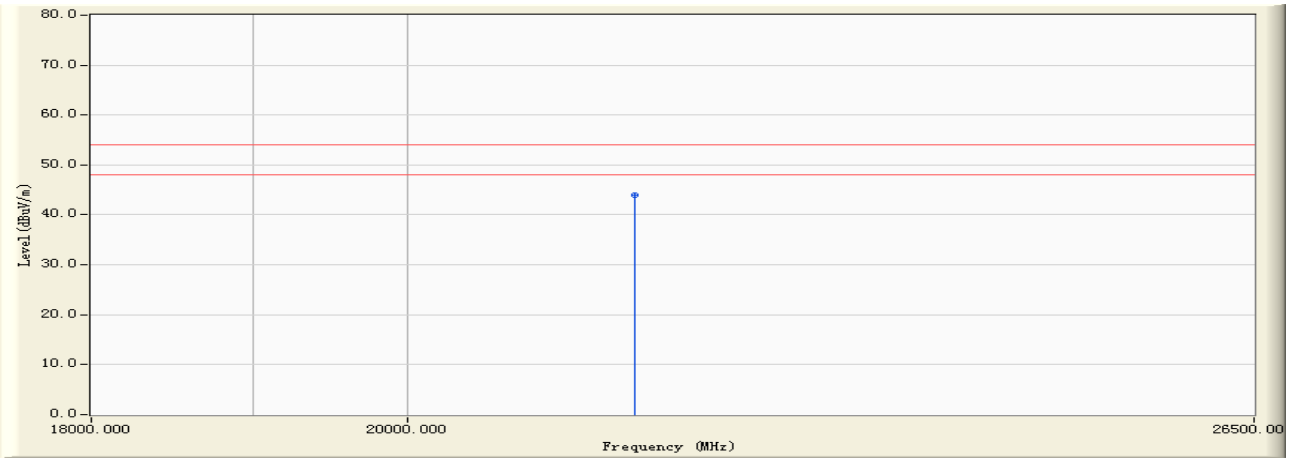


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21567.000	11.389	52.890	64.279	-9.721	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:07**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2452MHz)**

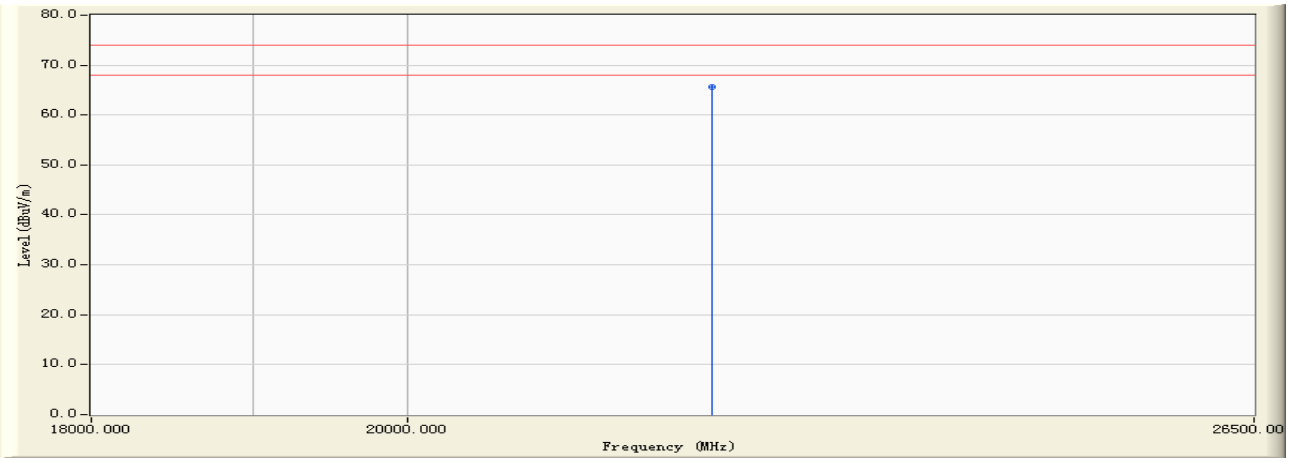


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	21567.000	11.389	32.560	43.949	-10.051	54.000	AVERAGE

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:07**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2452MHz)**

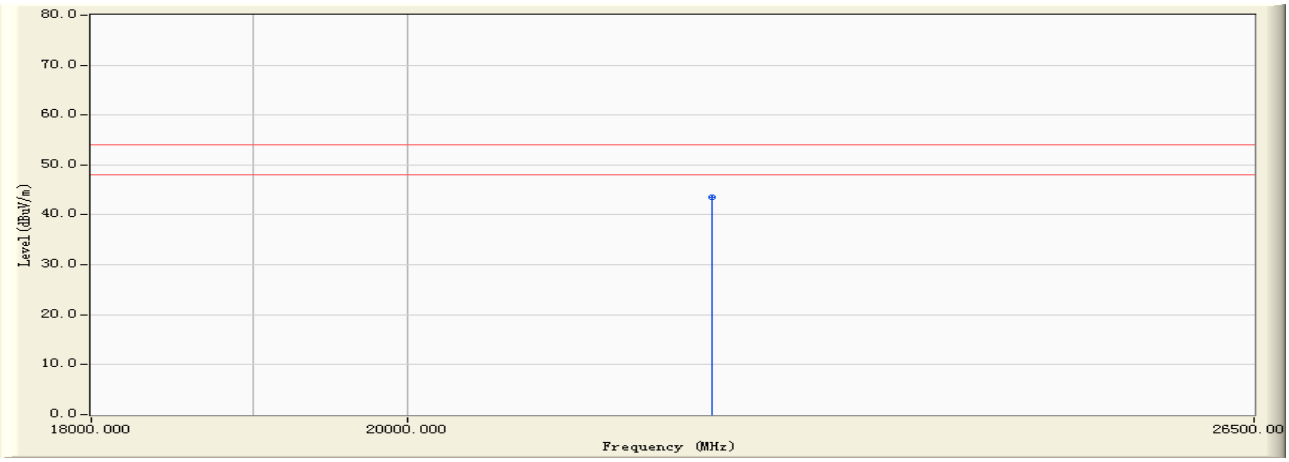


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	22132.000	12.530	53.160	65.691	-8.309	74.000	PEAK

Note:

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

Engineer : Fred	
Site : EMC Lab AC 102	**Time : 2010/09/25 - 23:07**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9170(18-26.5GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4:Transmit by 802.11n(40MHz) (An0 and An1)(2452MHz)**



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

Note:

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

Test engineer: Fred Guo

5. Occupied Bandwidth

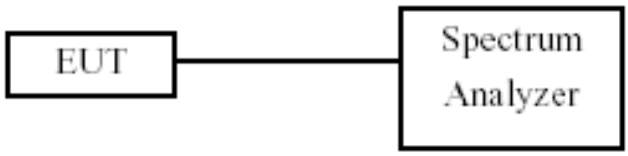
5.1. Test Limit

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

5.2. Test Procedures

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
Set RBW = 100 kHz, Span greater than RBW.

5.3. Test Setup Layout



5.4. Measurement Equipment

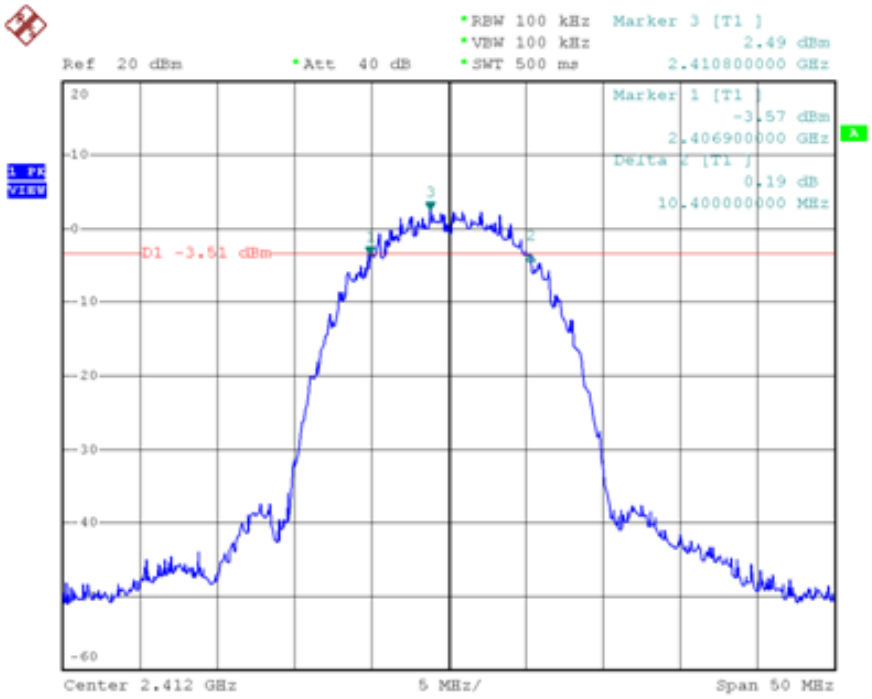
Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17

5.5. Test Result and Data

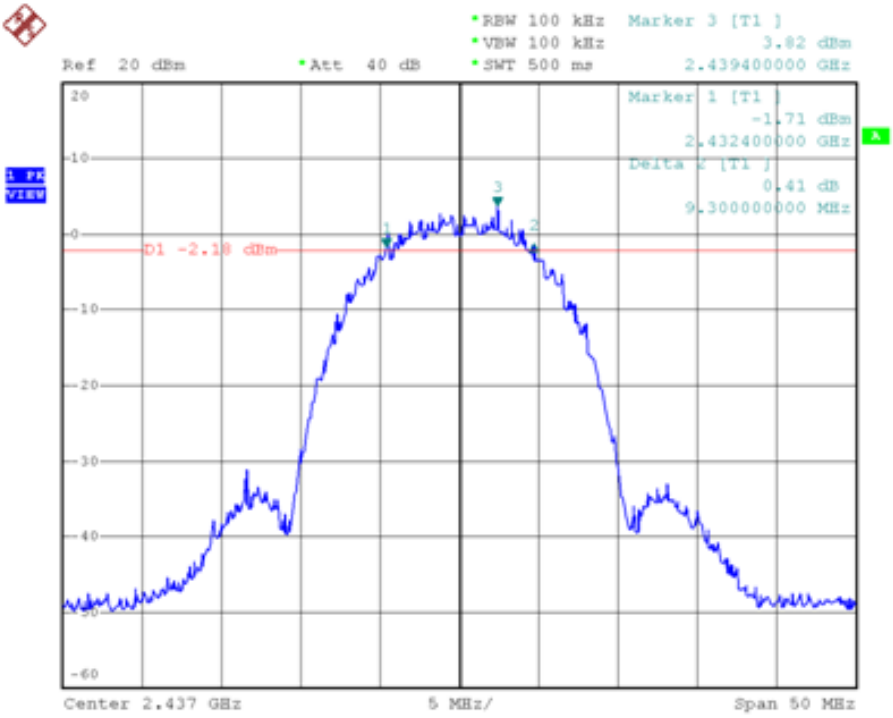
Test Item	Occupied Bandwidth
Test Mode	Mode 1:Transmit by 802.11b (An0)
Test Date	2010-09-22

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	10400	500	Pass
06	2437	9300	500	Pass
11	2462	10000	500	Pass

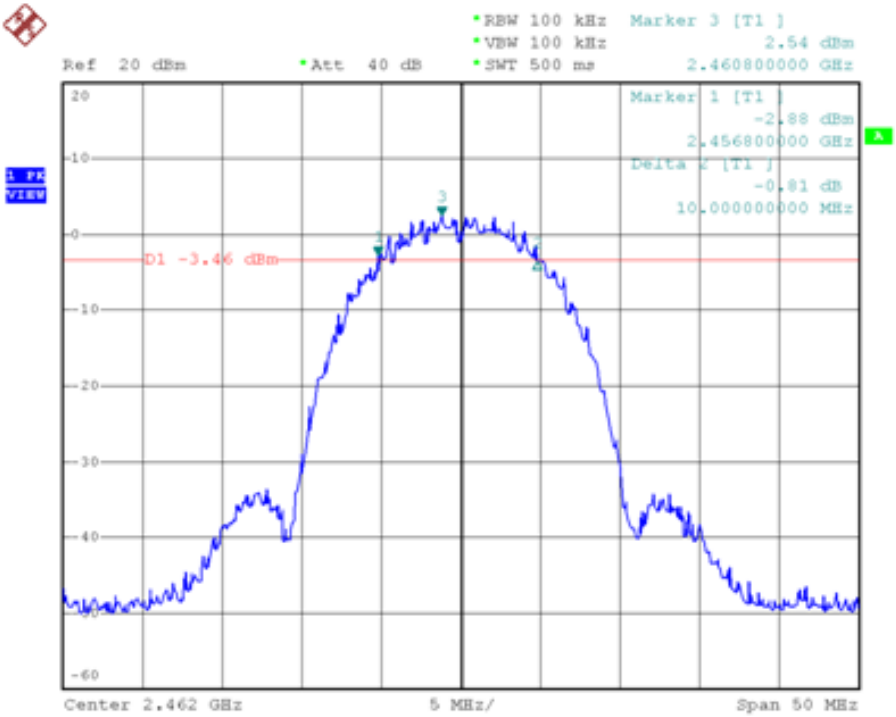
Channel 01 (2412MHz)



Channel 06 (2437MHz)



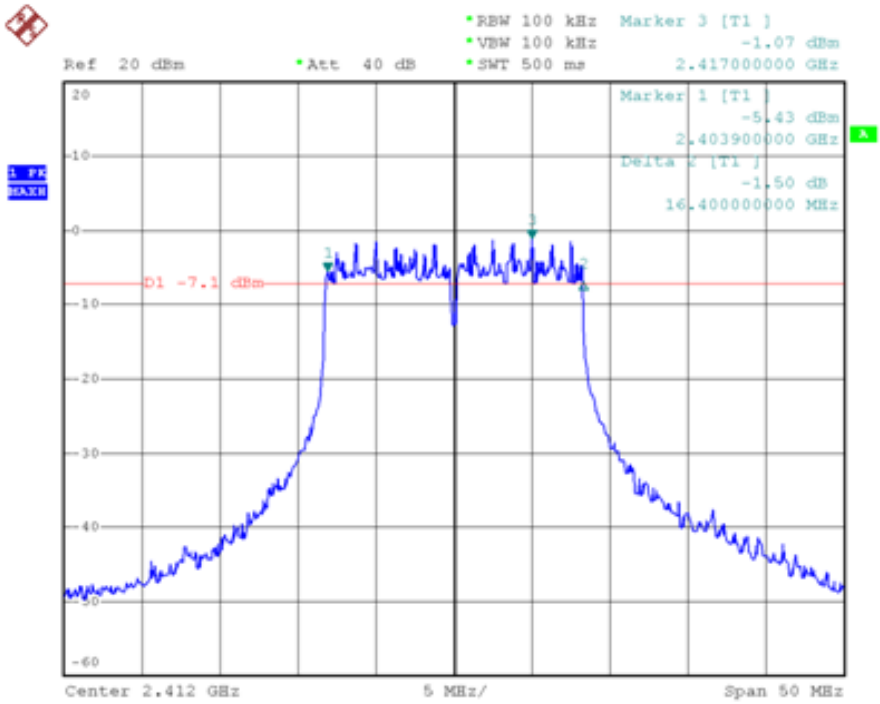
Channel 11 (2462MHz)



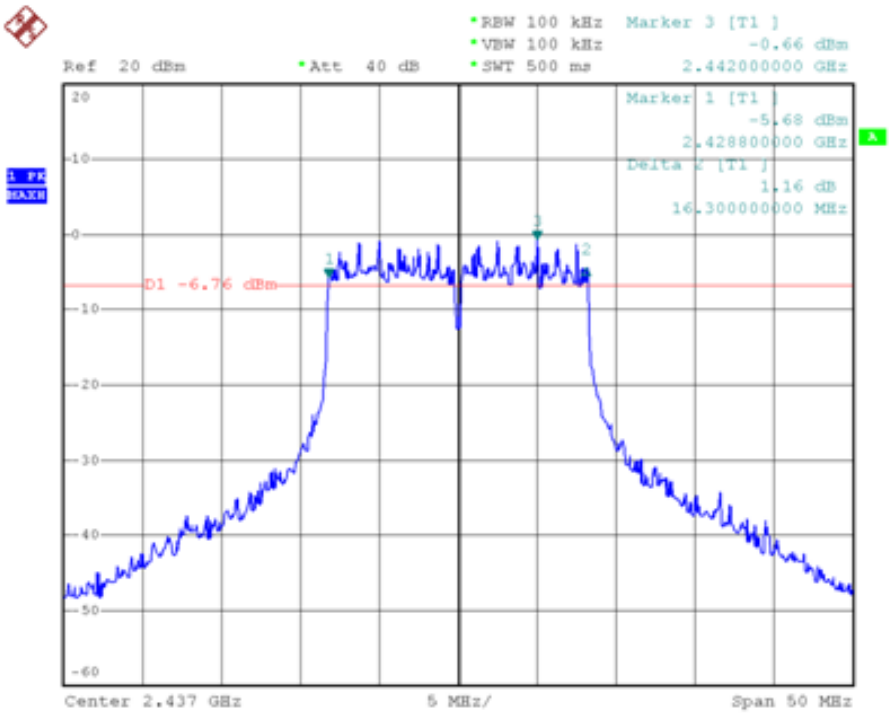
Test Item	Occupied Bandwidth
Test Mode	Mode 2:Transmit by 802.11g (An0)
Test Date	2010-09-22

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	16400	500	Pass
06	2437	16300	500	Pass
11	2462	16500	500	Pass

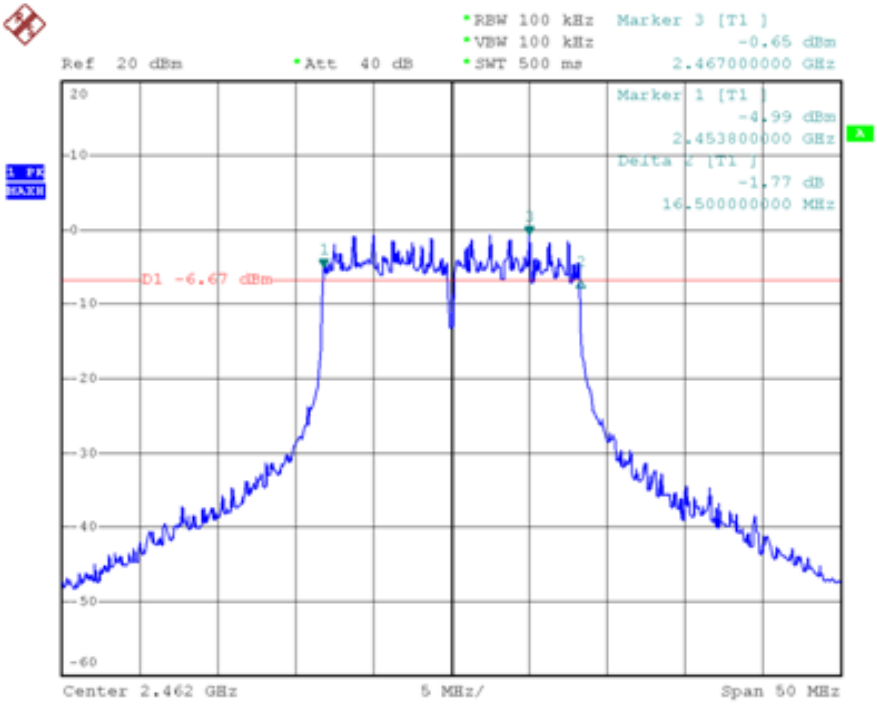
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



Test Item	Occupied Bandwidth
Test Mode	Mode 3: Transmit by 802.11n（20MHz）(An0 and An1)
Test Date	2010-09-22

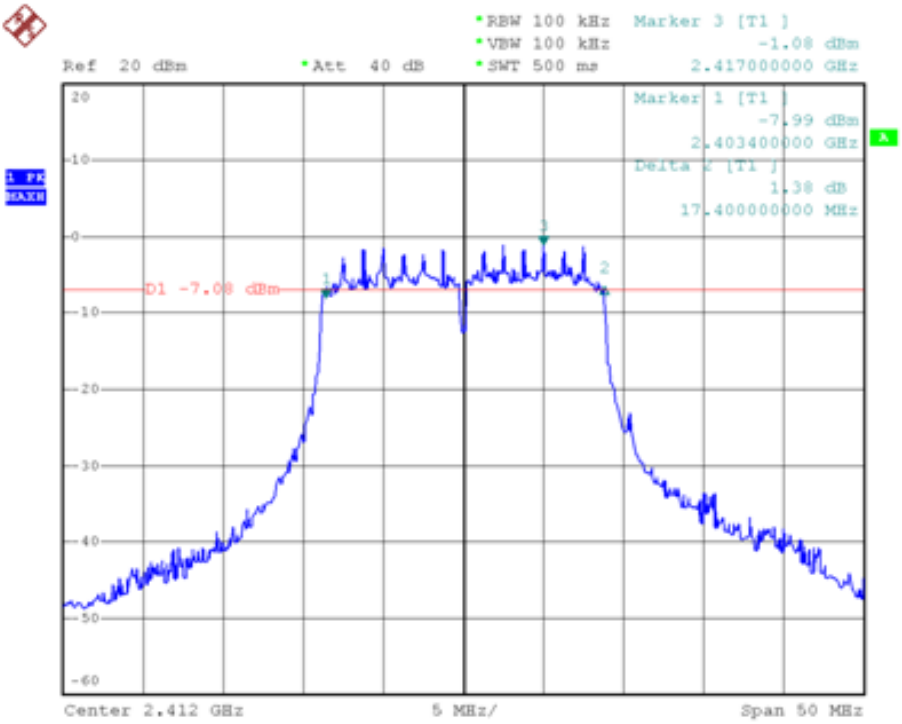
An0:

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	17400	500	Pass
06	2437	17500	500	Pass
11	2462	17600	500	Pass

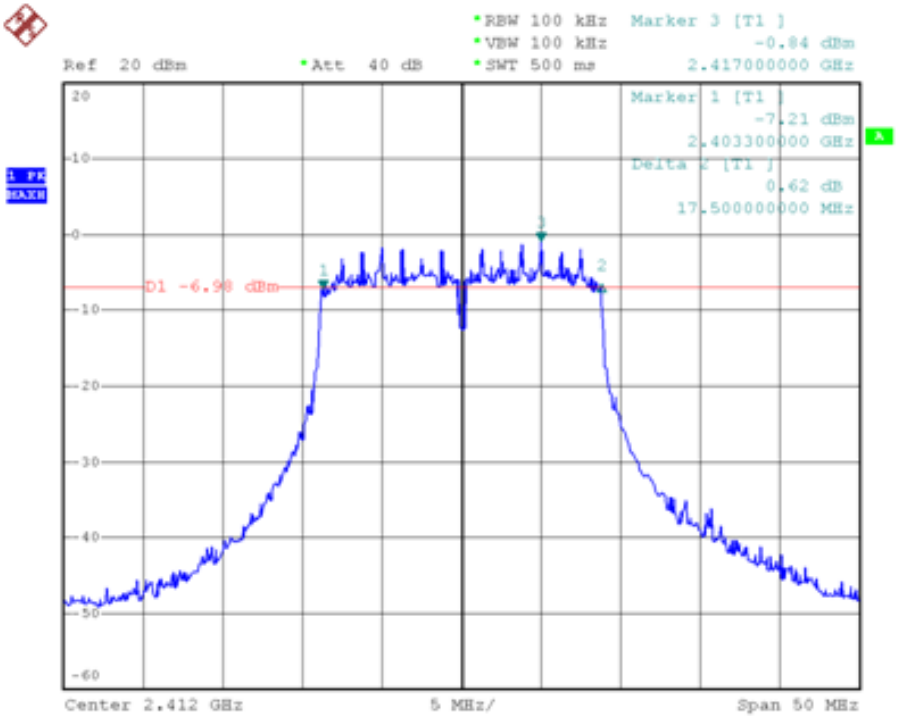
An1:

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	17500	500	Pass
06	2437	17600	500	Pass
11	2462	17600	500	Pass

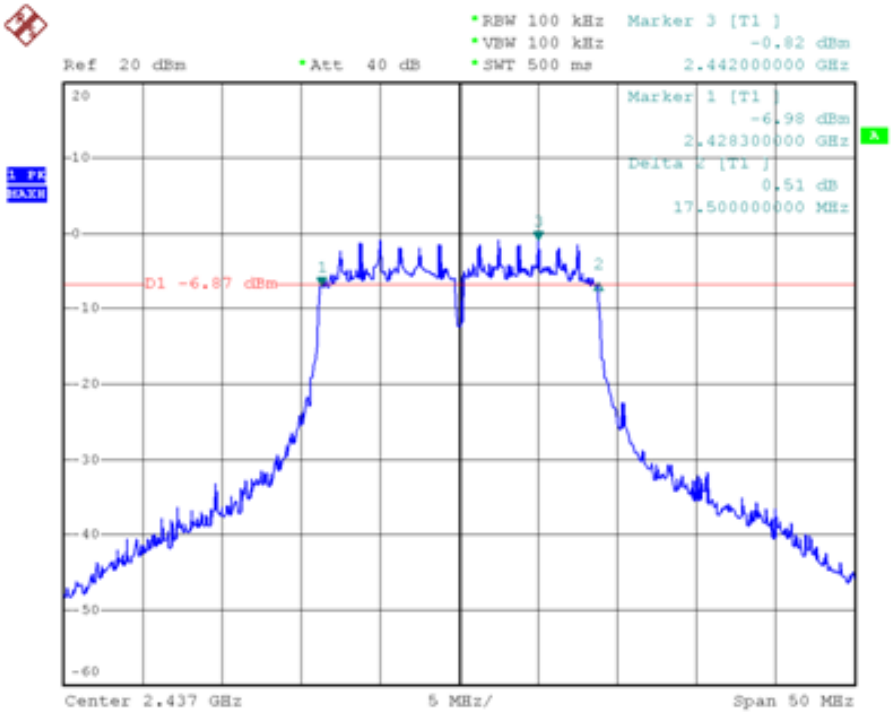
Channel 01 (2412MHz) (An0)



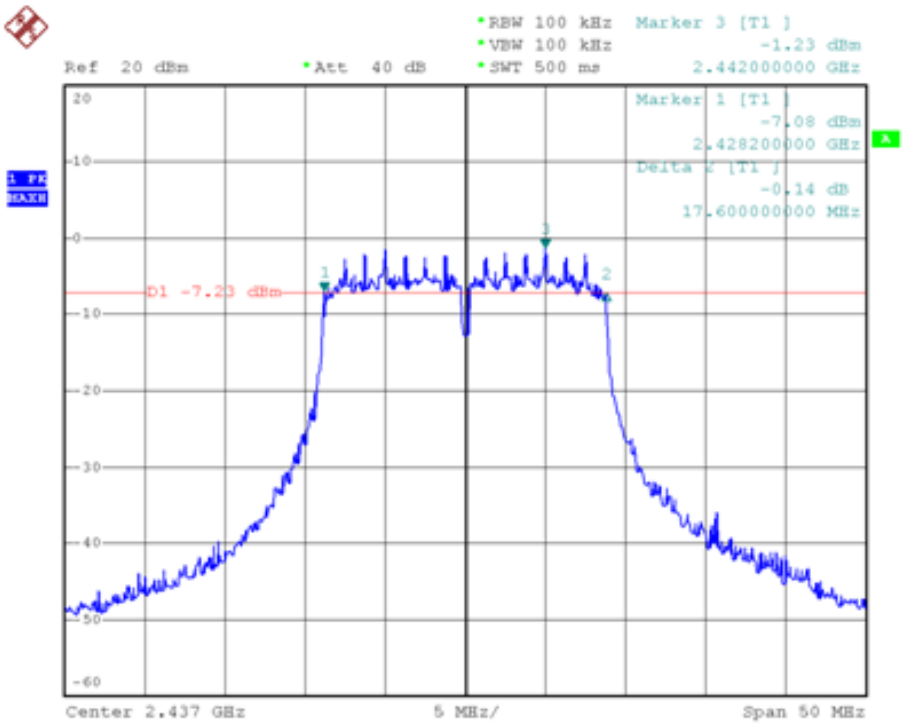
Channel 01 (2412MHz) (An1)



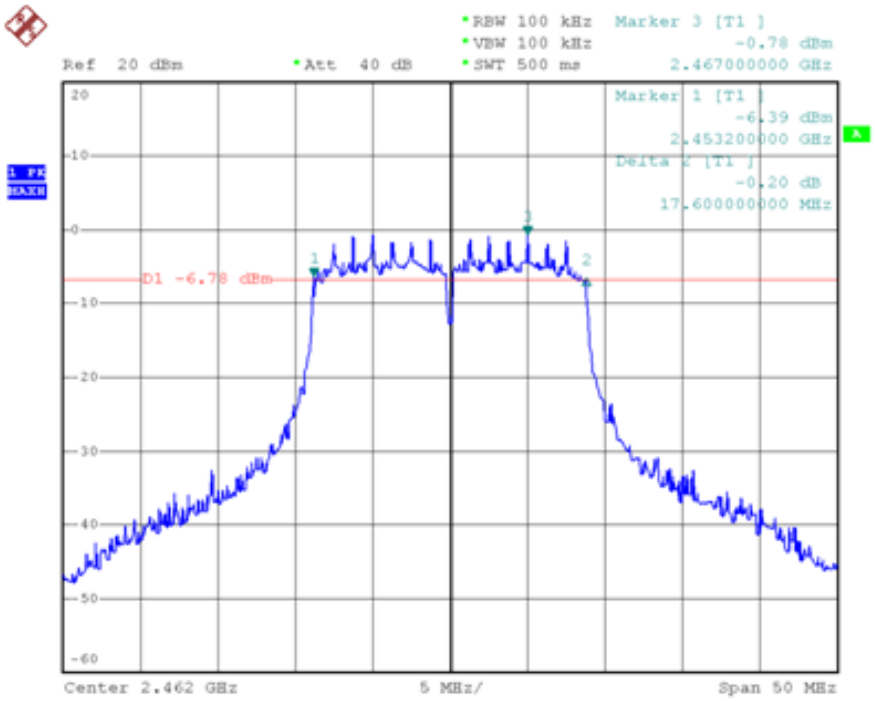
Channel 06 (2437MHz) (An0)



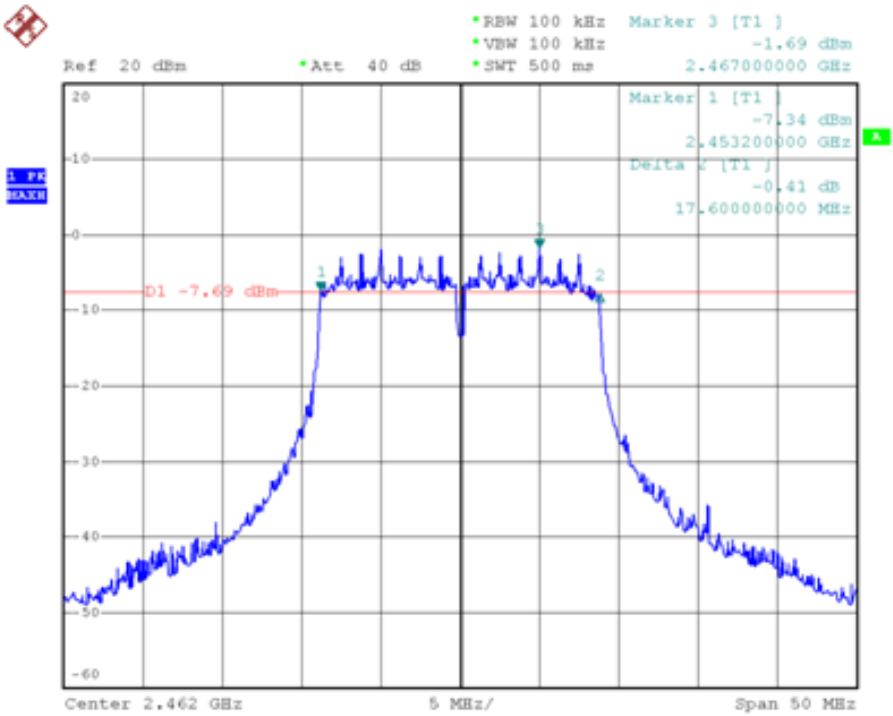
Channel 06 (2437MHz) (An1)



Channel 11 (2462MHz) (An0)



Channel 11 (2462MHz) (An1)



Test Item	Occupied Bandwidth
Test Mode	Mode 4: Transmit by 802.11n（40MHz）(An0 and An1)
Test Date	2010-09-22

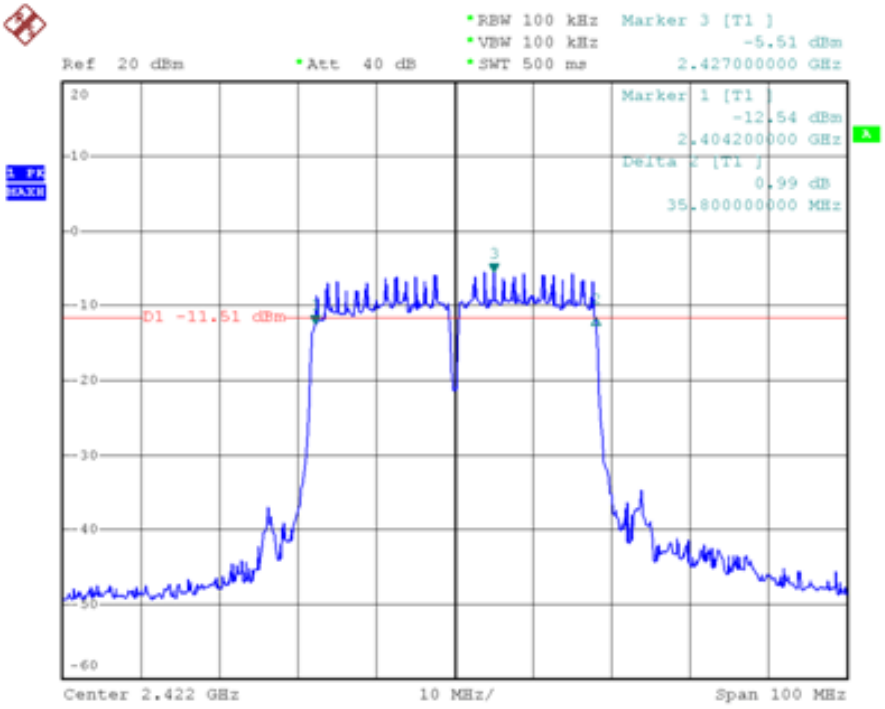
An0:

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
03	2422	35800	500	Pass
06	2437	36000	500	Pass
09	2452	36000	500	Pass

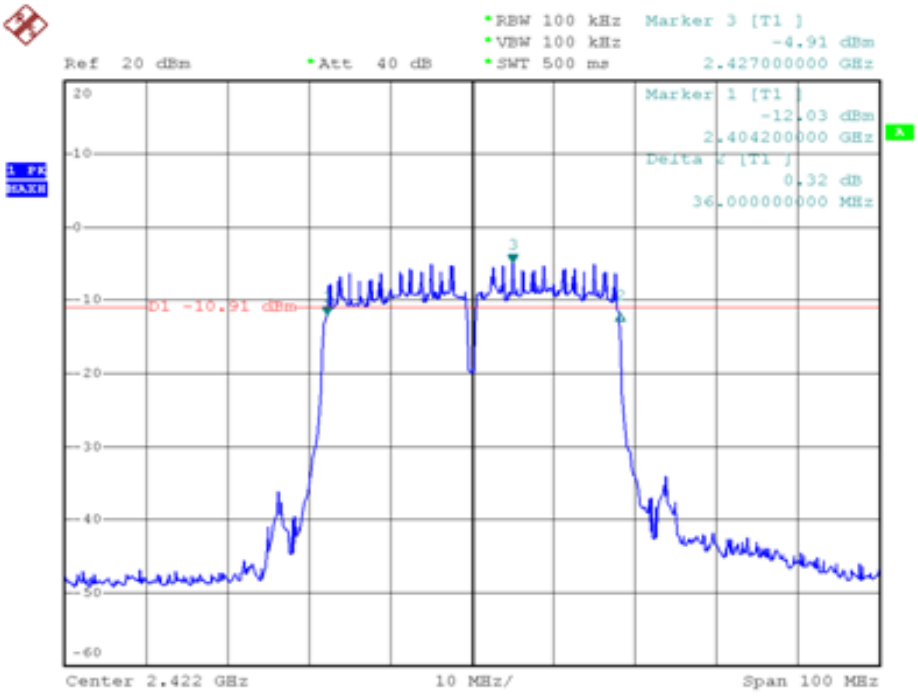
An1:

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

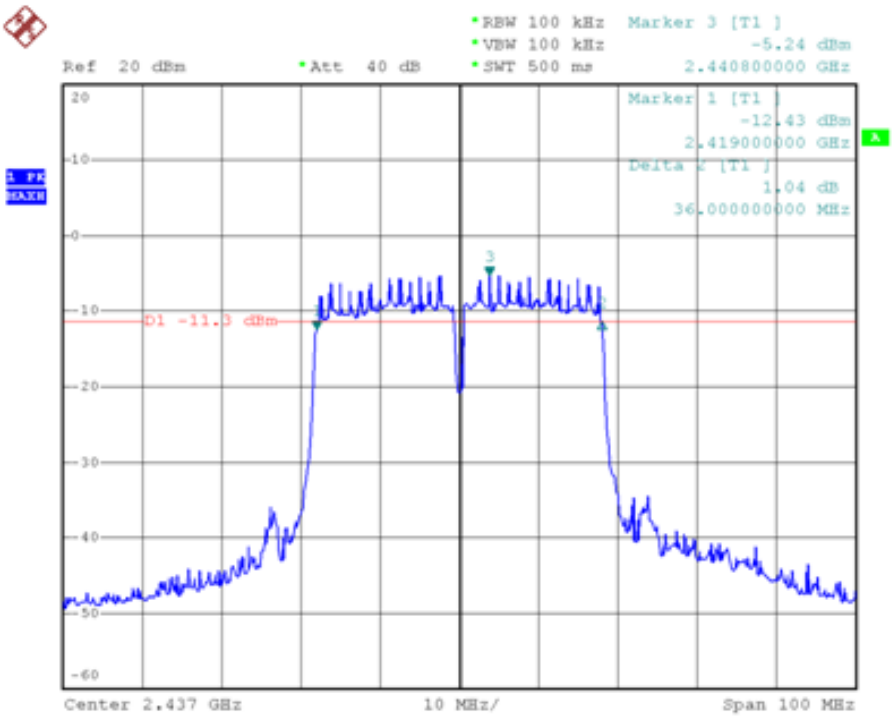
Channel 03 (2422MHz) (An0)



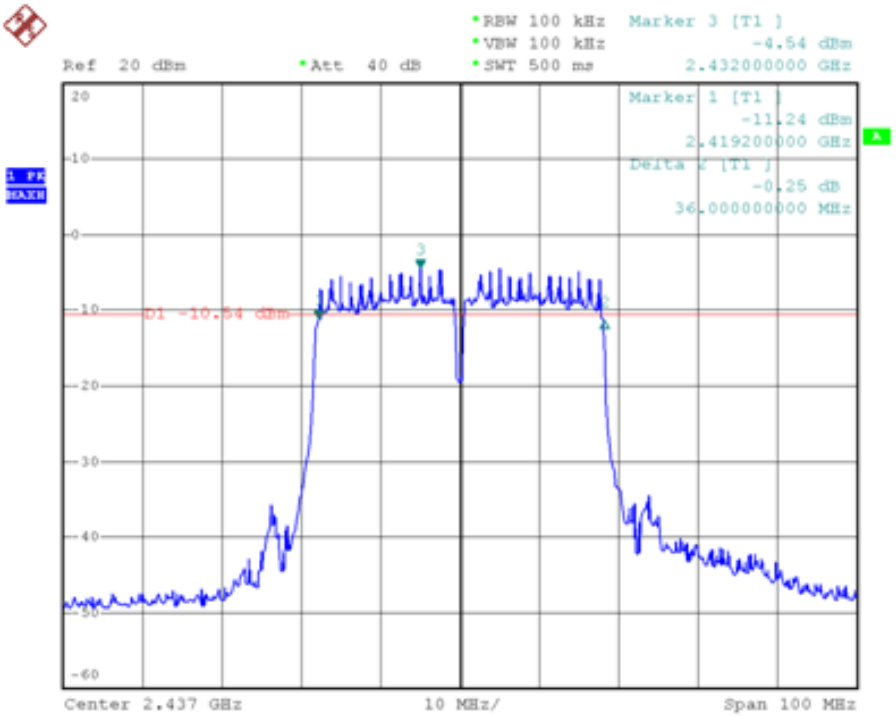
Channel 03 (2422MHz) (An1)



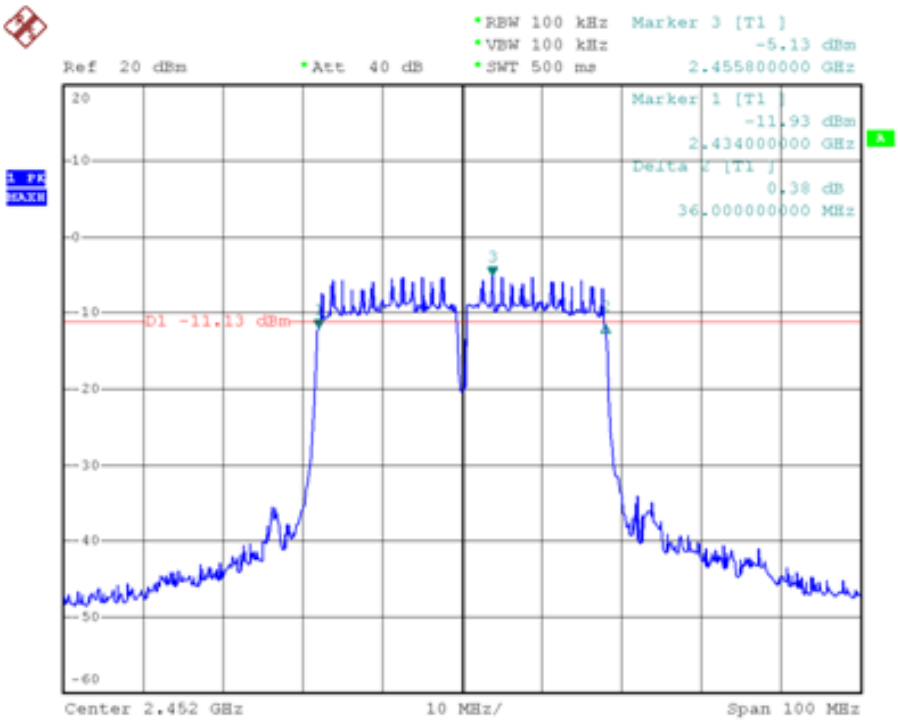
Channel 06 (2437MHz) (An0)



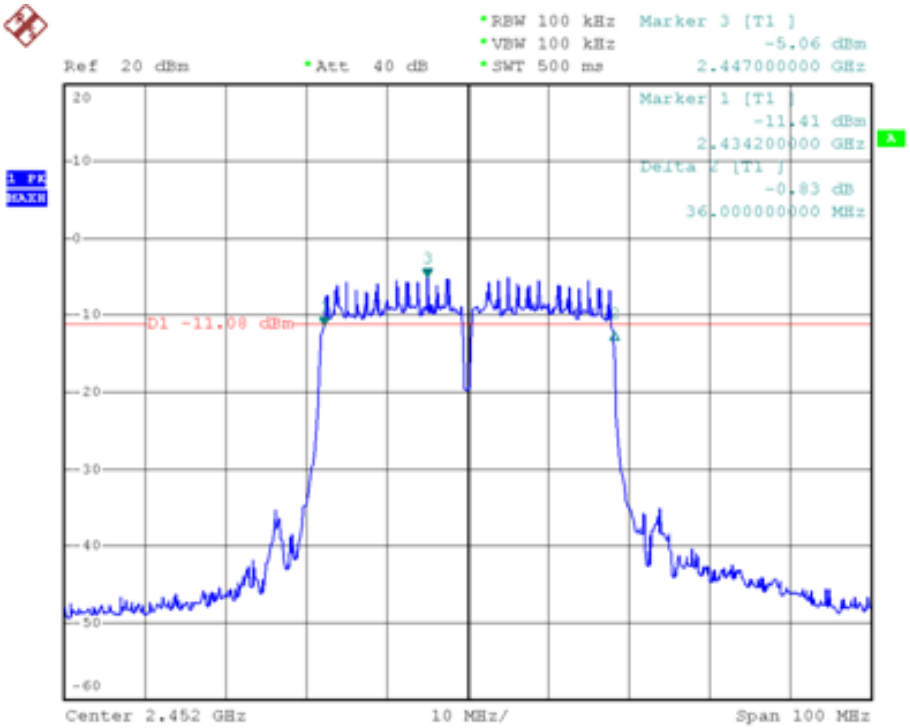
Channel 06 (2437MHz) (An1)



Channel 09 (2452MHz) (An0)



Channel 09 (2452MHz) (An1)



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

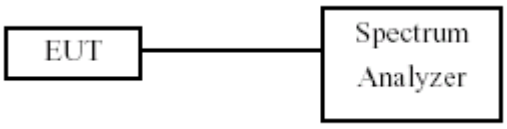
The EUT was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

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

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

6.3. Test Setup Layout



6.4. Measurement Equipment

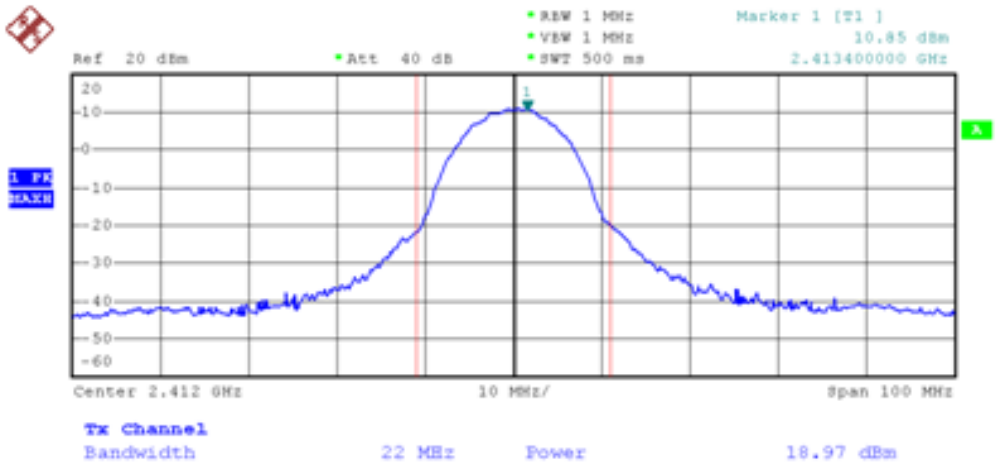
Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17

6.5. Test Result and Data

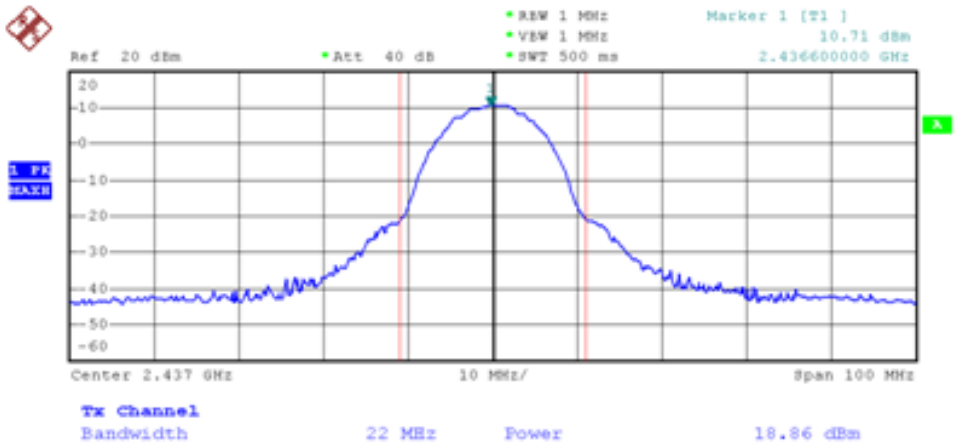
Test Item	Maximum Peak Output Power
Test Mode	Mode 1: Transmit by 802.11b (An0)
Test Date	2010-09-22

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	2412	18.97	30 dBm	Pass
06	2437	18.86	30 dBm	Pass
11	2462	18.92	30 dBm	Pass

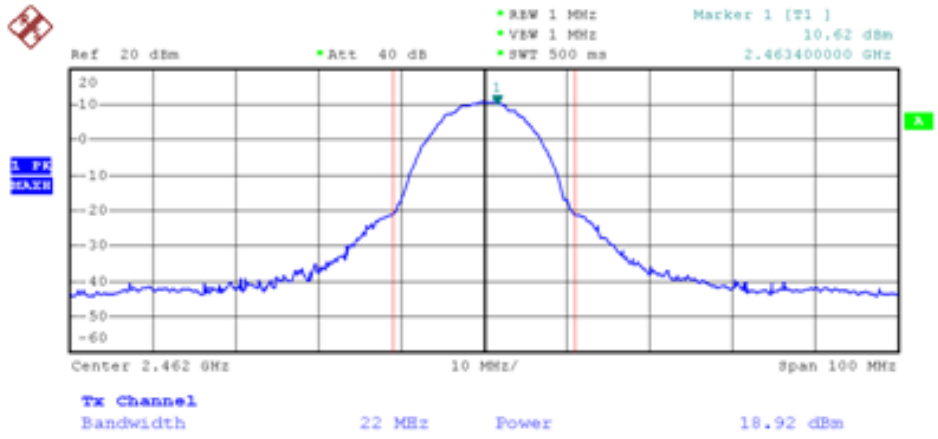
Channel 01 (2412MHz)



Channel 06 (2437MHz)



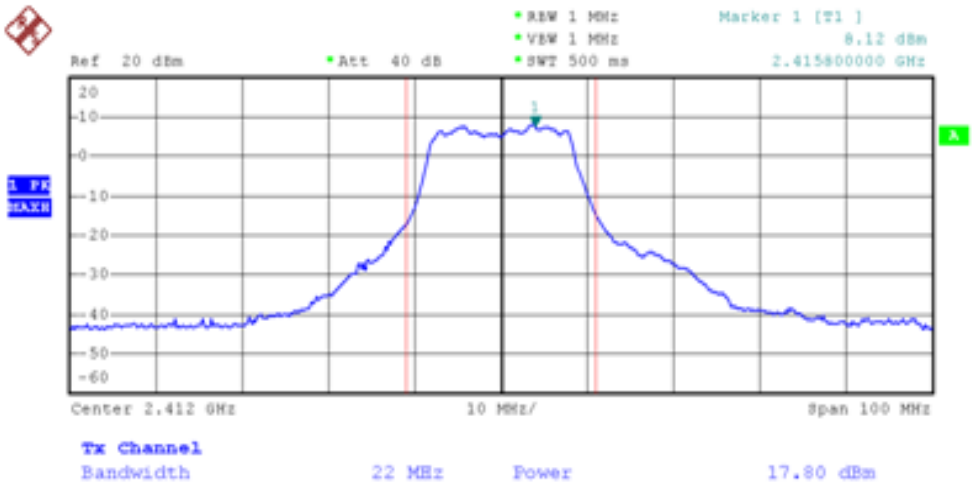
Channel 11 (2462MHz)



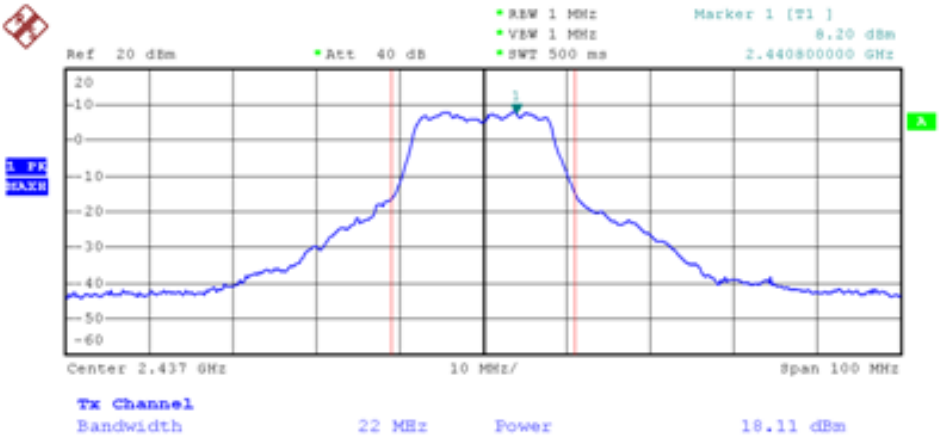
Test Item	Maximum Peak Output Power
Test Mode	Mode 2: Transmit by 802.11g (An0)
Test Date	2010-09-22

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	2412	17.80	30 dBm	Pass
06	2437	18.11	30 dBm	Pass
11	2462	18.30	30 dBm	Pass

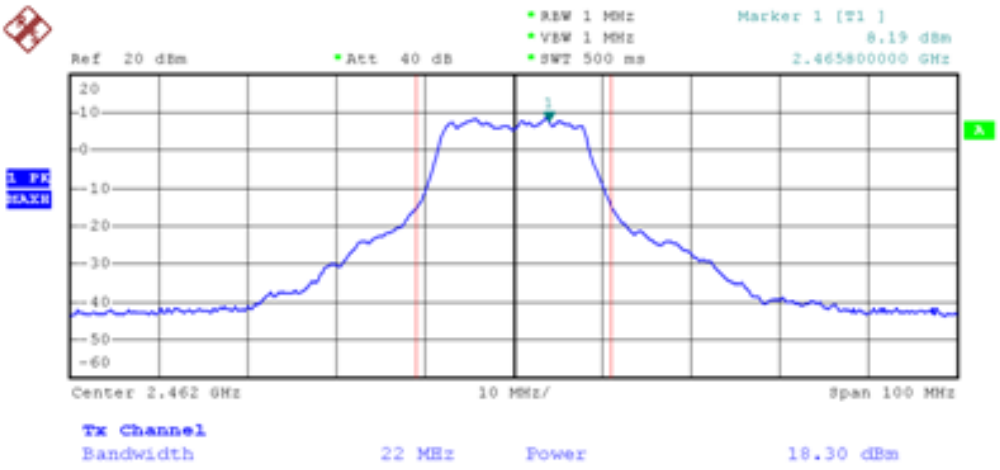
Channel 01 (2412MHz)



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	2010-09-22

An0:

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	2412	17.54	30 dBm	Pass
06	2437	17.75	30 dBm	Pass
11	2462	18.01	30 dBm	Pass

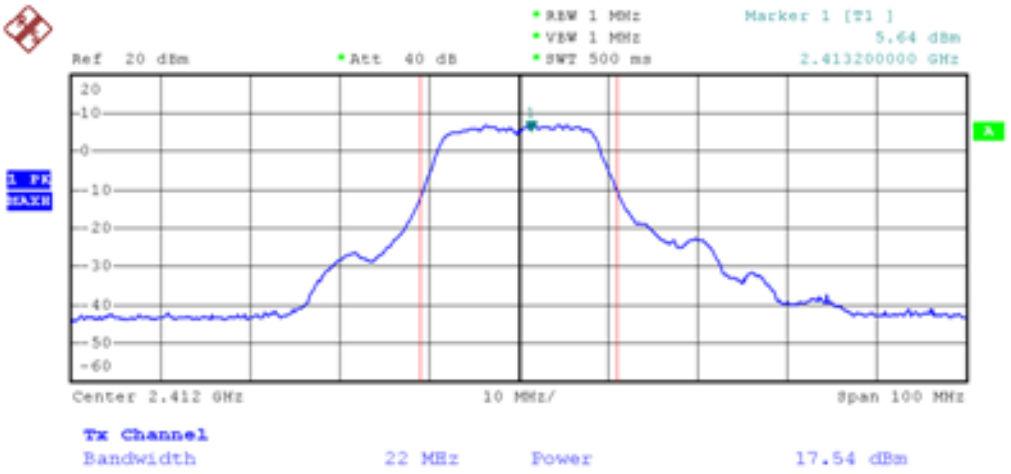
An1:

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	2412	17.96	30 dBm	Pass
06	2437	17.17	30 dBm	Pass
11	2462	16.73	30 dBm	Pass

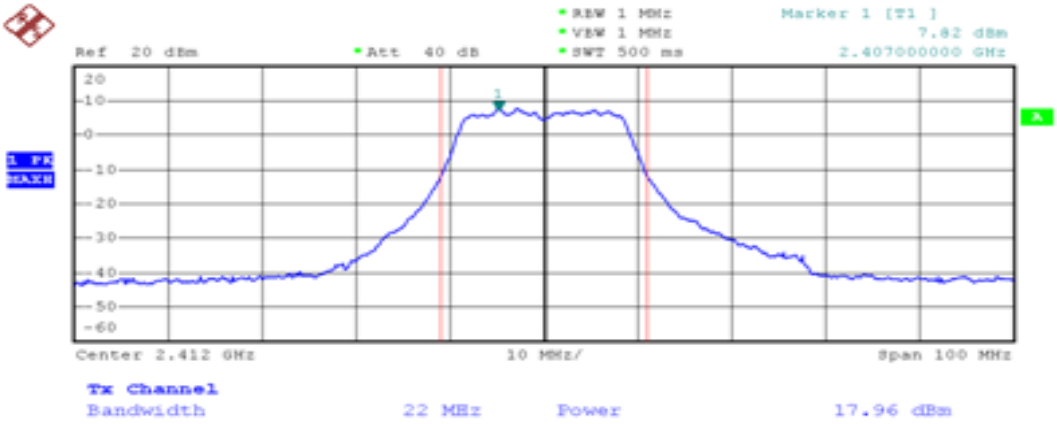
An0 and An1:

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	2412	20.77	30 dBm	Pass
06	2437	20.48	30 dBm	Pass
11	2462	20.43	30 dBm	Pass

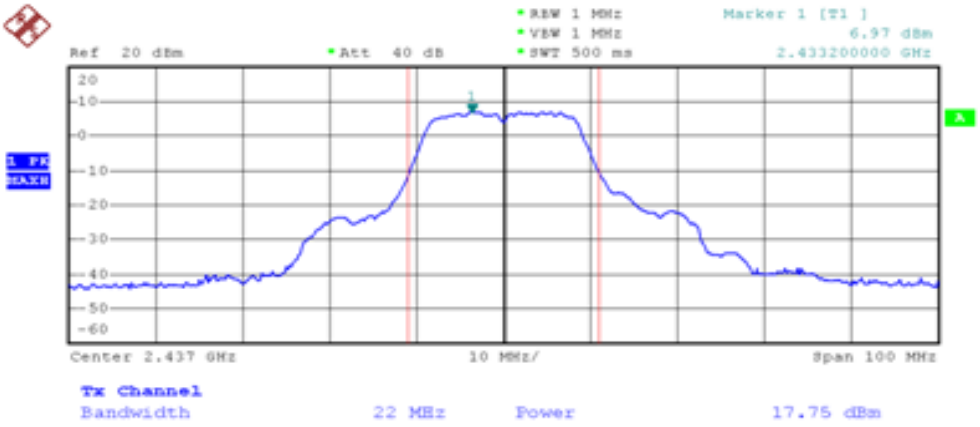
Channel 01 (2412MHz) (An0)



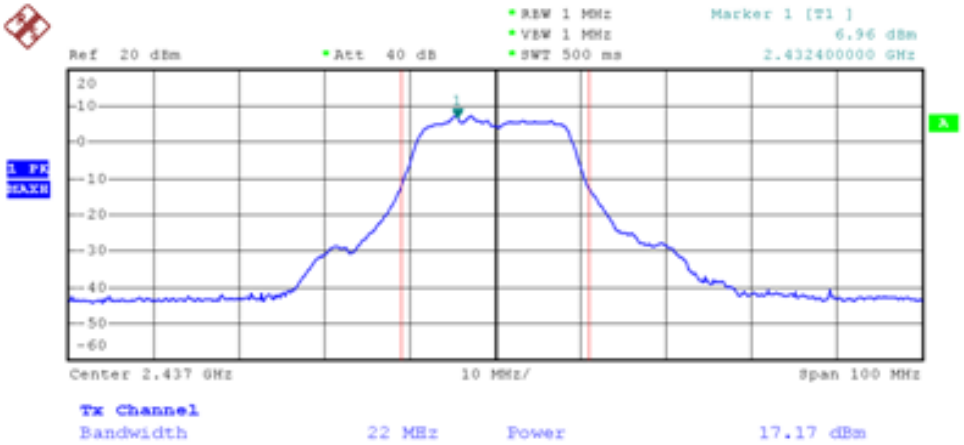
Channel 01 (2412MHz) (An1)



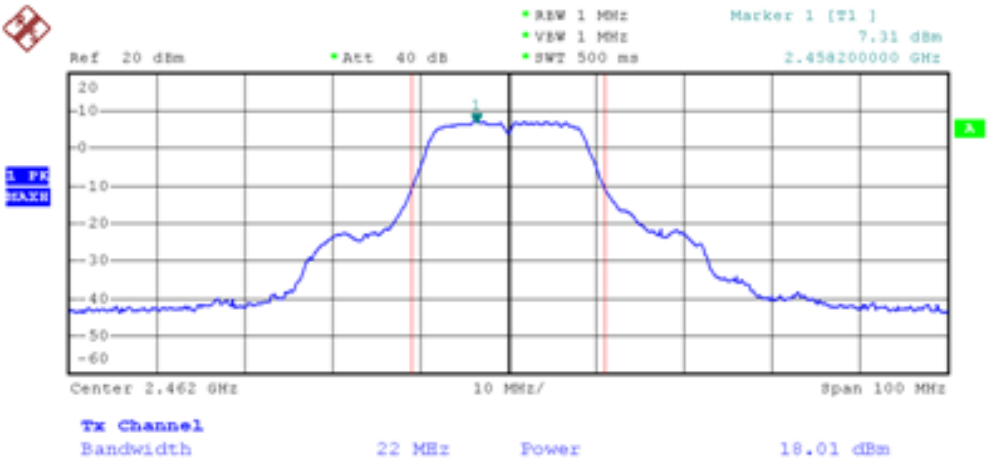
Channel 06 (2437MHz) (An0)



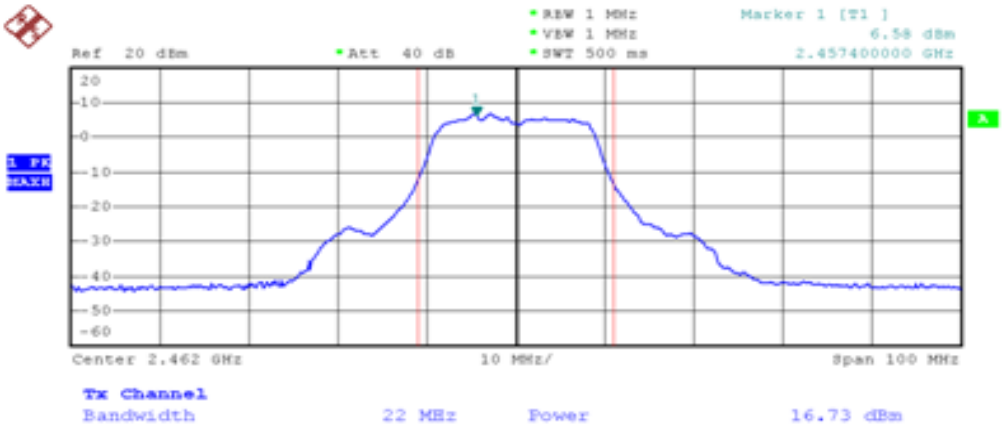
Channel 06 (2437MHz) (An1)



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	2010-09-22

An0:

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
03	2422	16.05	30 dBm	Pass
06	2437	16.18	30 dBm	Pass
09	2452	16.41	30 dBm	Pass

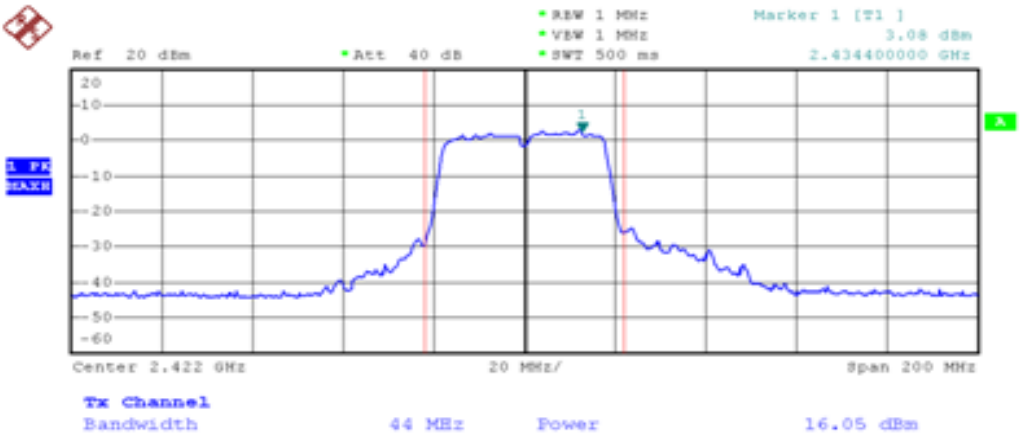
An1:

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
03	2422	16.54	30 dBm	Pass
06	2437	16.48	30 dBm	Pass
09	2452	16.47	30 dBm	Pass

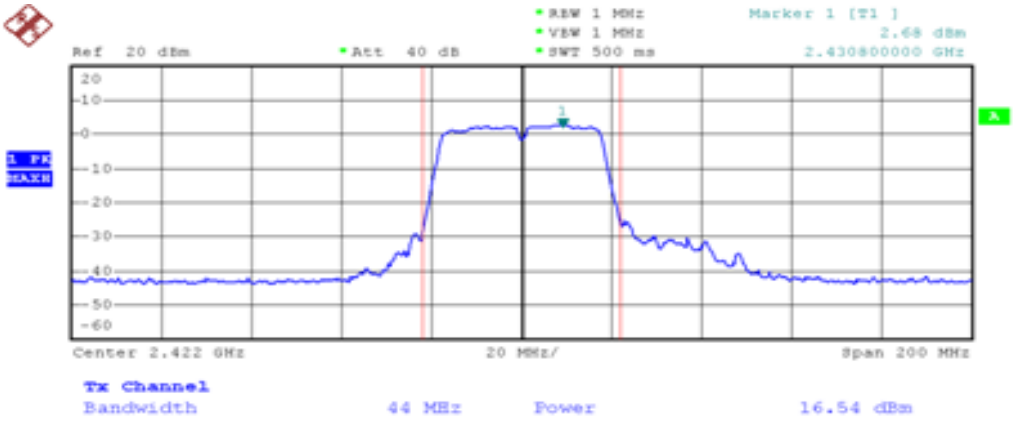
An0 and An1:

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
03	2422	19.31	30 dBm	Pass
06	2437	19.34	30 dBm	Pass
09	2452	19.45	30 dBm	Pass

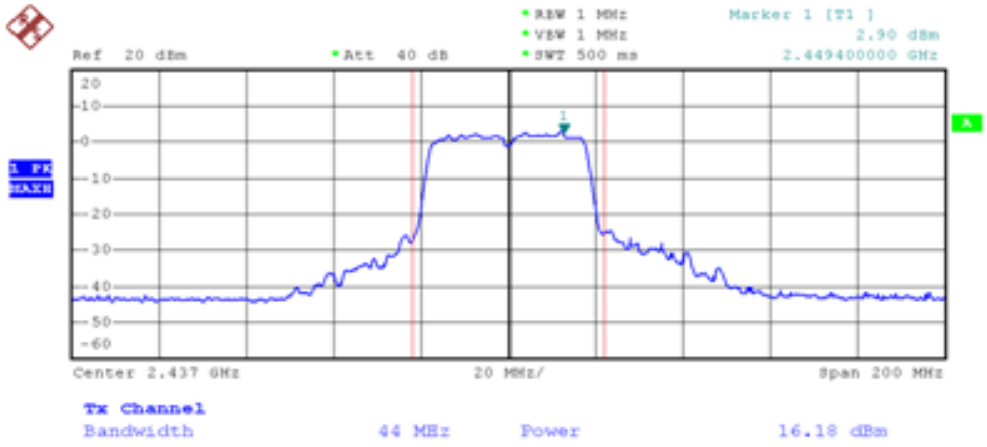
Channel 03 (2422MHz) (An0)



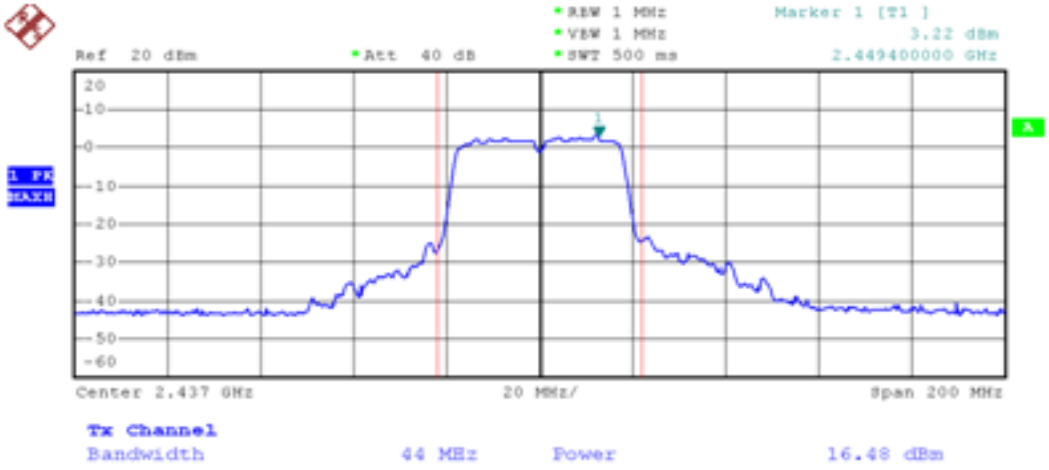
Channel 03 (2422MHz) (An1)



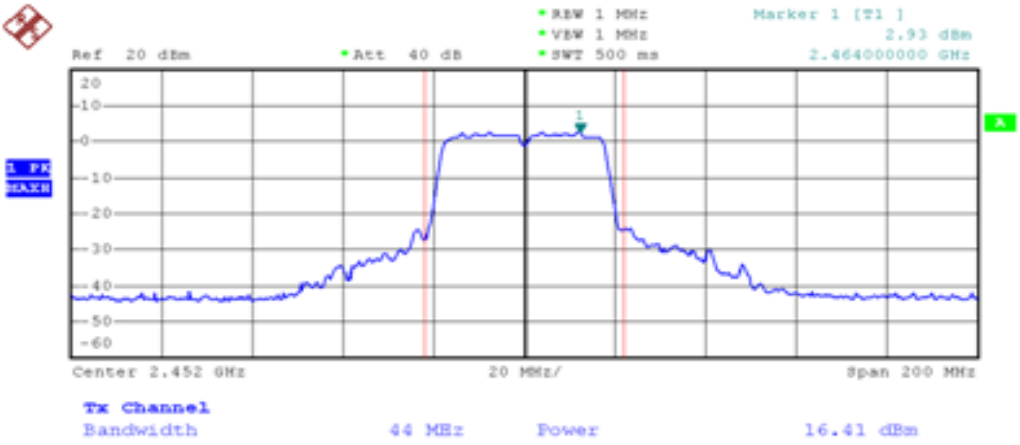
Channel 06 (2437MHz) (An0)



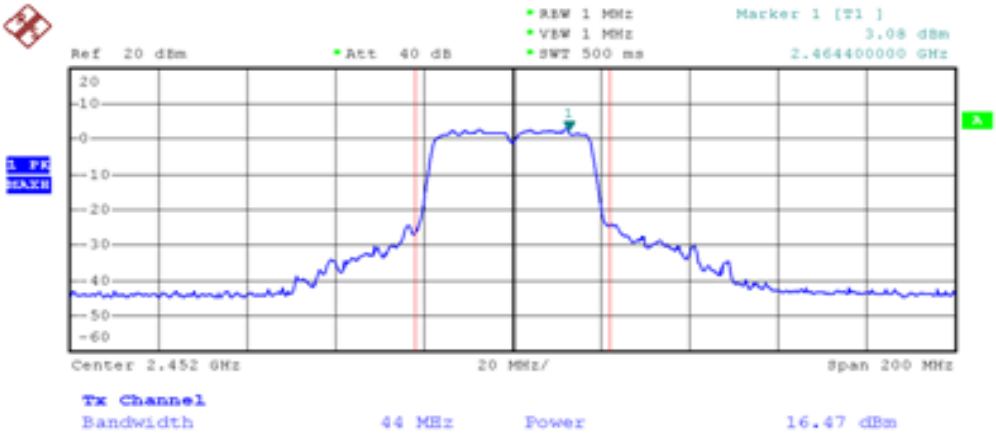
Channel 06 (2437MHz) (An1)



Channel 09 (2452MHz) (An0)



Channel 09 (2452MHz) (An1)



7. Band Edges

7.1. Test Limit

For RF Conducted requirement:

20 dB bandwidth of the emission is contained within the operation frequency band.

For RF Radiated requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

7.2. Test Procedure

For RF Conducted Measurement:

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
Set RBW = 100 kHz, Span greater than RBW.

For RF Radiated Measurement:

The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test

procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

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

to transmit in a continuous mode.

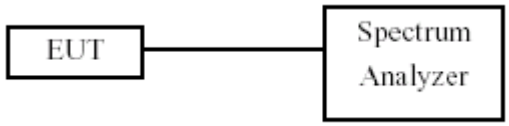
For measurements below 1GHz the resolution bandwidth is set to 100kHz for peak detection measurements or 120kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

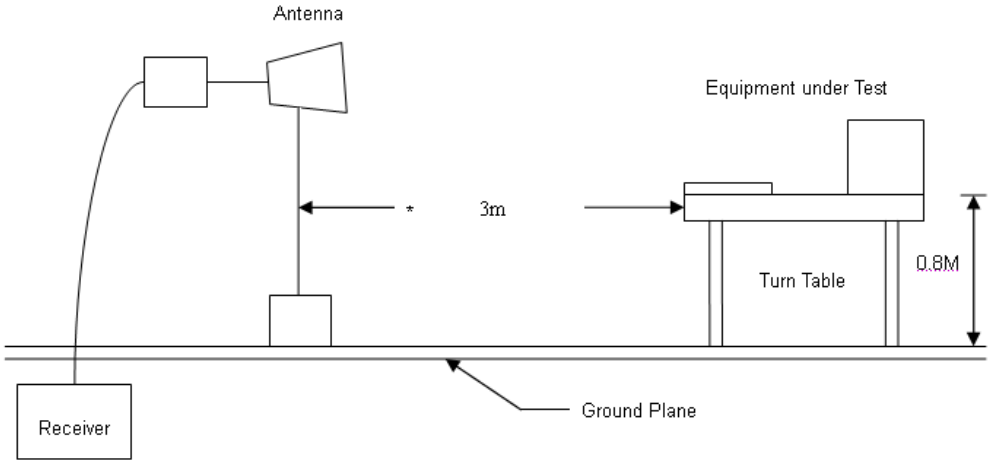
For measurements above 1GHz the resolution bandwidth is set to 1MHz, then the video bandwidth is set to 1MHz for peak measurements and 10Hz for average measurements.

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

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

7.3. Test Setup Layout



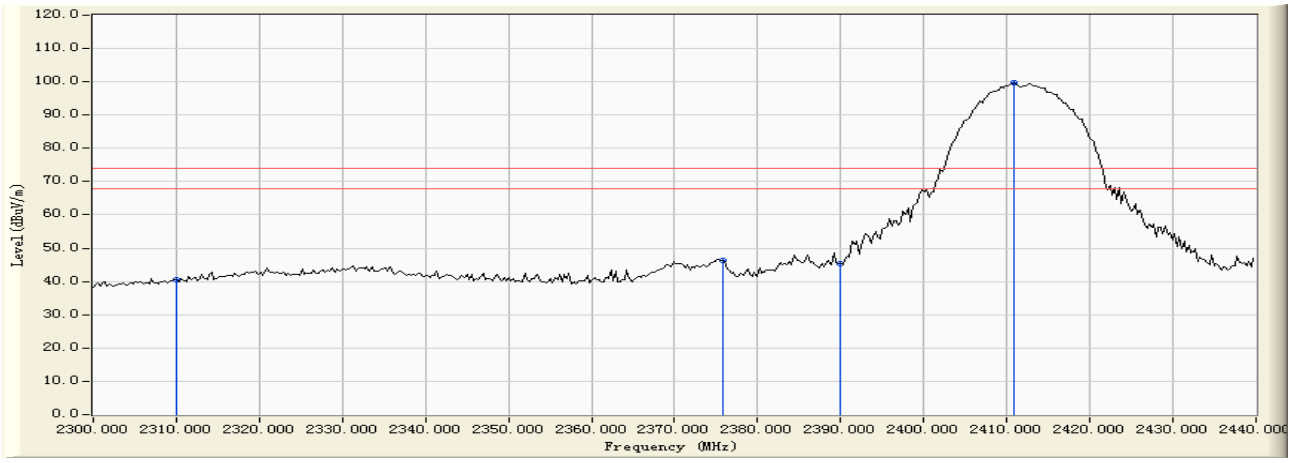


7.4. Measurement Equipment

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
H64 Amplifier	HP	8447F	3113A05582	2010.08.14
Preamplifier	Agilent	8449B	ED-HE-EMI-077	2010.02.10
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	9120D-619	2009.11.10
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17

7.5. Test Result and Data

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 16:28**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)**

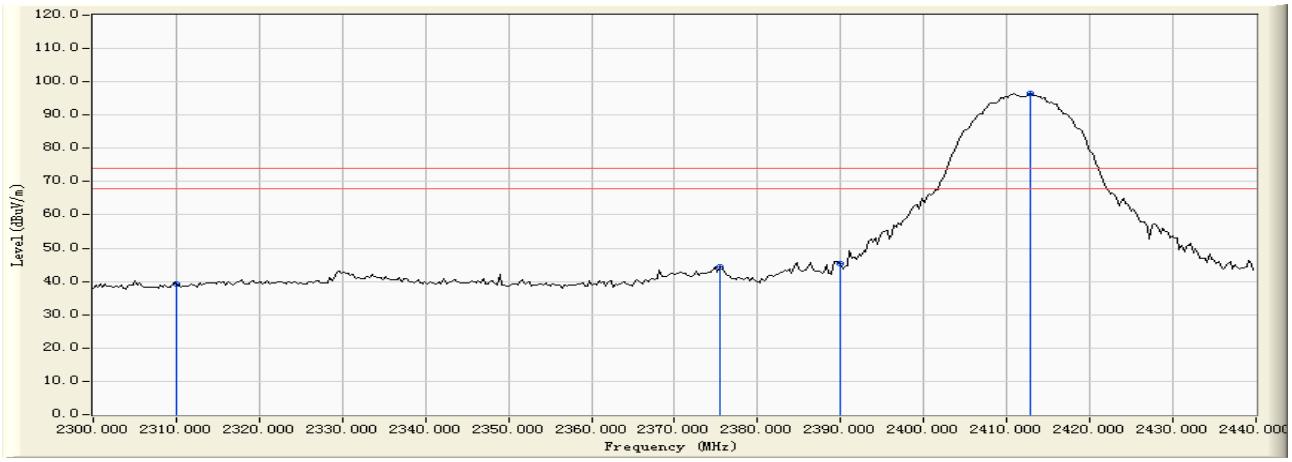


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	40.214	40.403	-33.597	74.000	PEAK
2		2375.729	0.325	46.118	46.444	-27.556	74.000	PEAK
3		2390.000	0.358	45.101	45.459	-28.541	74.000	PEAK
4	*	2410.938	0.425	99.235	99.660	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 16:30**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2412MHz)**

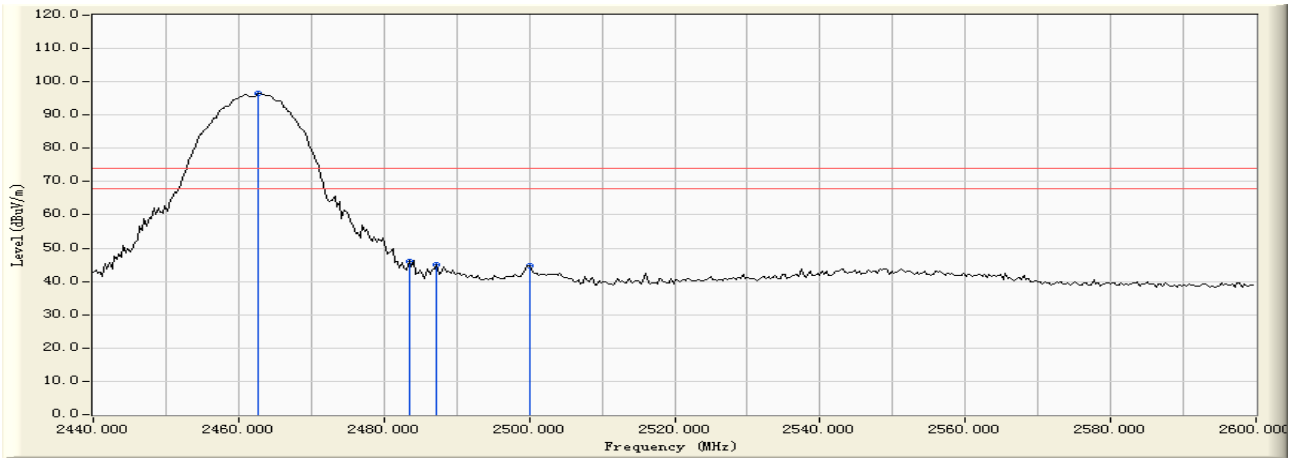


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	39.030	39.219	-34.781	74.000	PEAK
2		2375.449	0.326	43.943	44.268	-29.732	74.000	PEAK
3		2390.000	0.358	44.936	45.294	-28.706	74.000	PEAK
4	*	2412.894	0.432	96.073	96.505	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 16:34**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)**

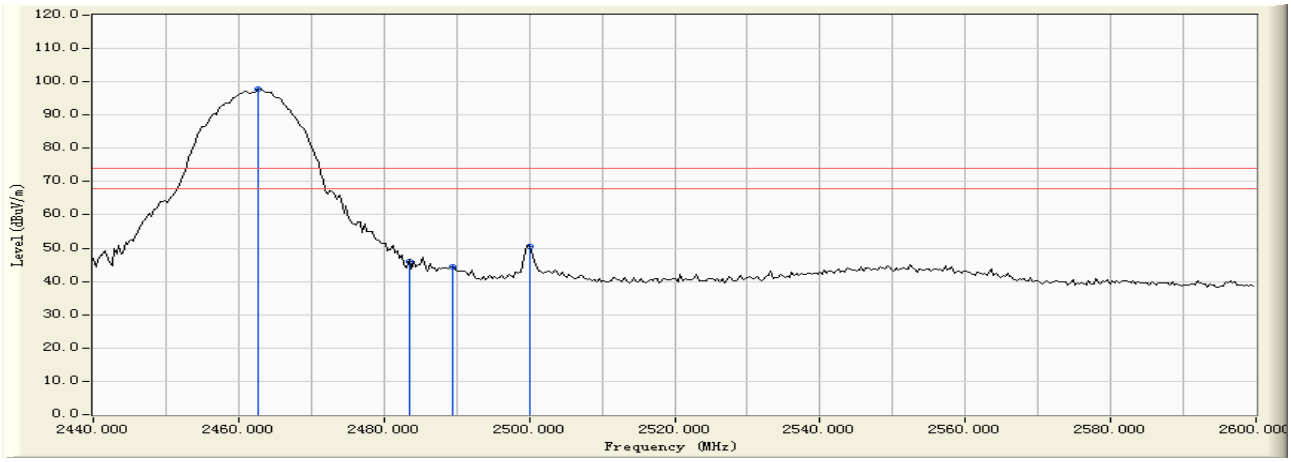


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.675	0.602	95.966	96.568	N/A	N/A	PEAK
2		2483.500	0.672	45.363	46.036	-27.964	74.000	PEAK
3		2487.265	0.686	44.202	44.888	-29.112	74.000	PEAK
4		2500.000	0.737	44.050	44.786	-29.214	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 16:36**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b (An0) (2462MHz)**

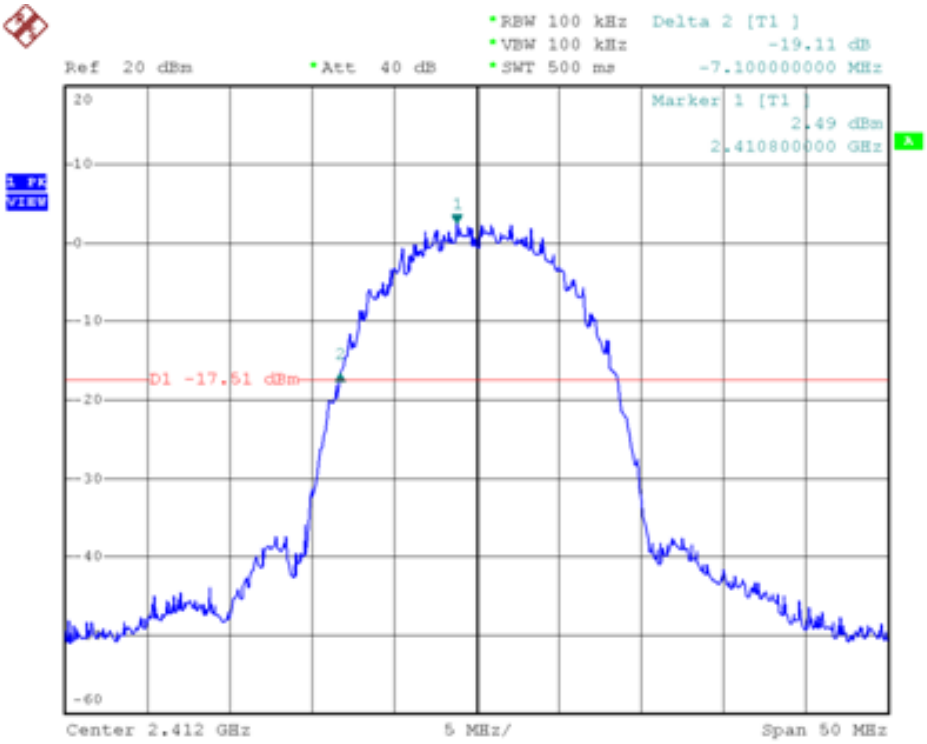


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.675	0.602	97.305	97.907	N/A	N/A	PEAK
2		2483.500	0.672	45.372	46.045	-27.955	74.000	PEAK
3		2489.501	0.694	43.834	44.528	-29.472	74.000	PEAK
4		2500.000	0.737	49.701	50.437	-23.563	74.000	PEAK

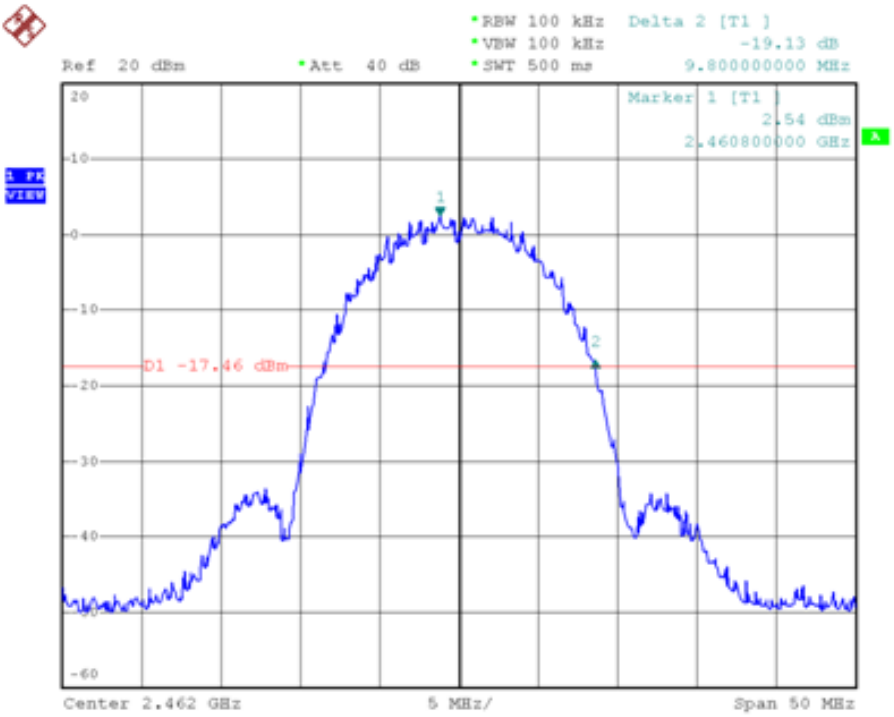
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor

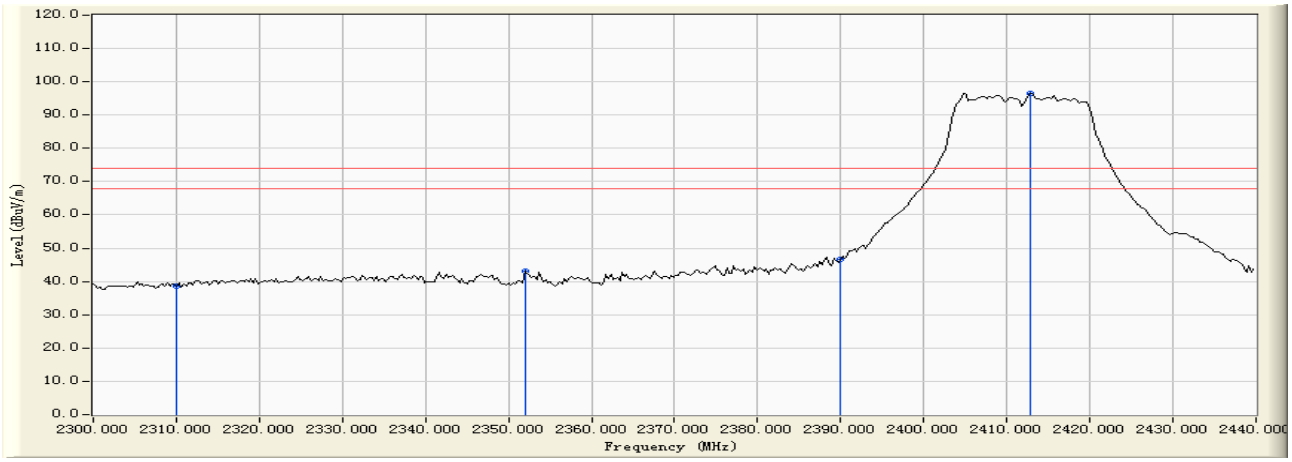
Band Edge (20dBc RF Conducted Measurement)
Mode 1: Transmit by 802.11b (2412MHz)



Band Edge (20dBc RF Conducted Measurement)
Mode 1: Transmit by 802.11b (2462MHz)



Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 16:38**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)**

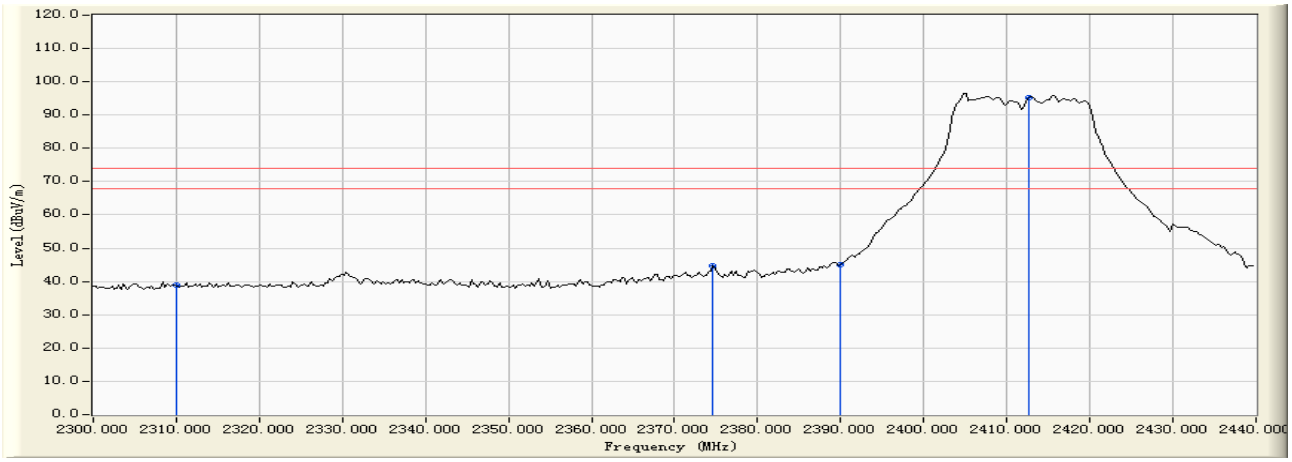


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	38.383	38.572	-35.428	74.000	PEAK
2		2351.976	0.282	42.802	43.084	-30.916	74.000	PEAK
3		2390.000	0.358	46.130	46.488	-27.512	74.000	PEAK
4	*	2412.894	0.432	96.066	96.498	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 16:41**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2412MHz)**

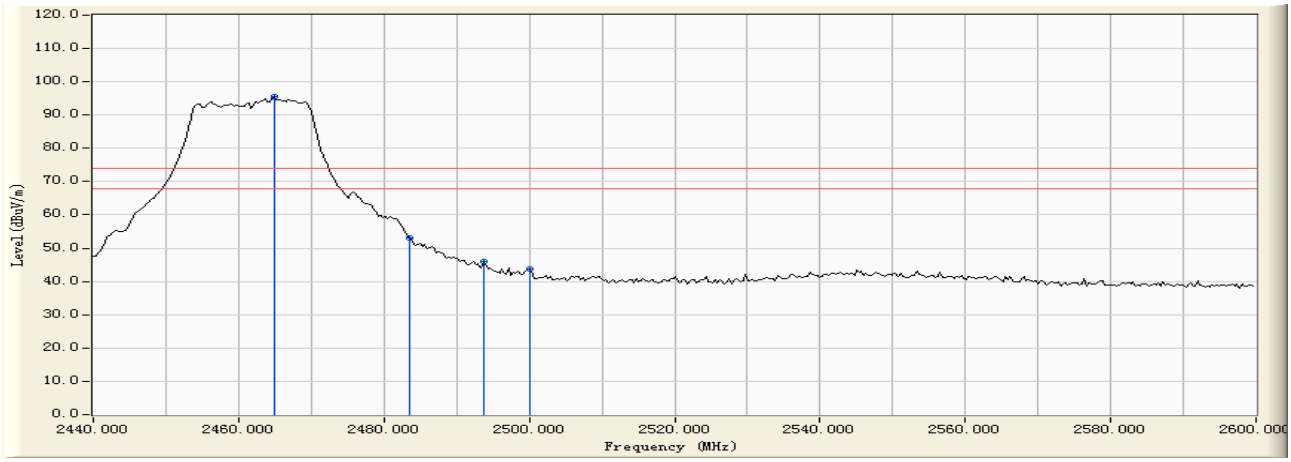


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	38.595	38.784	-35.216	74.000	PEAK
2		2374.611	0.323	44.289	44.613	-29.387	74.000	PEAK
3		2390.000	0.358	44.587	44.945	-29.055	74.000	PEAK
4	*	2412.615	0.431	94.944	95.375	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 16:44**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)**

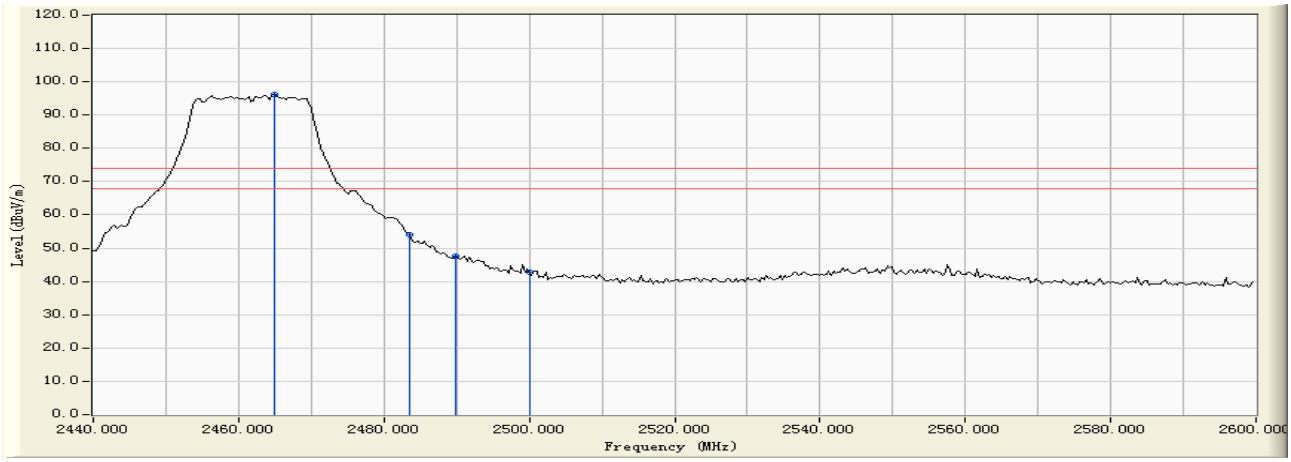


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.910	0.610	94.818	95.427	N/A	N/A	PEAK
2		2483.500	0.672	52.293	52.966	-21.034	74.000	PEAK
3		2493.653	0.707	45.282	45.990	-28.010	74.000	PEAK
4		2500.000	0.737	42.942	43.678	-30.322	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 16:46**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g (An0) (2462MHz)**

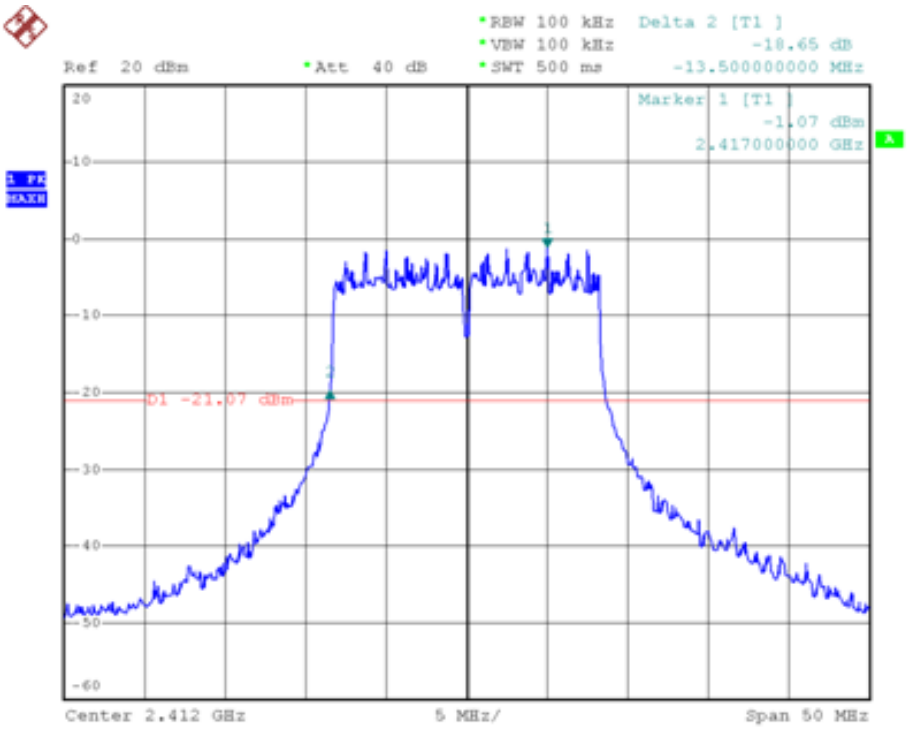


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.910	0.610	95.610	96.219	N/A	N/A	PEAK
2		2483.500	0.672	53.463	54.136	-19.864	74.000	PEAK
3		2489.820	0.695	47.072	47.767	-26.233	74.000	PEAK
4		2500.000	0.737	41.937	42.673	-31.327	74.000	PEAK

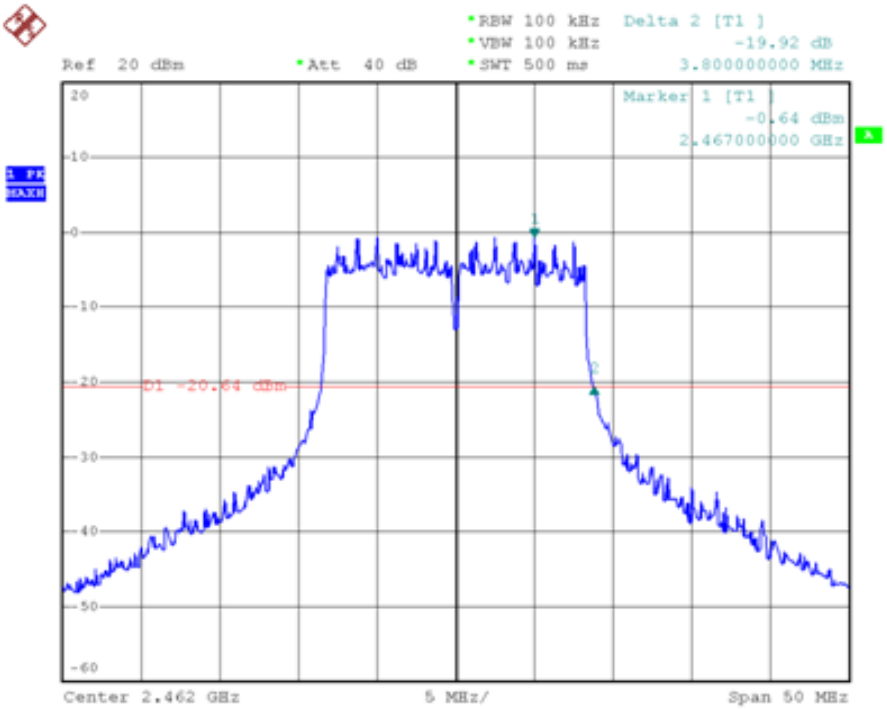
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor

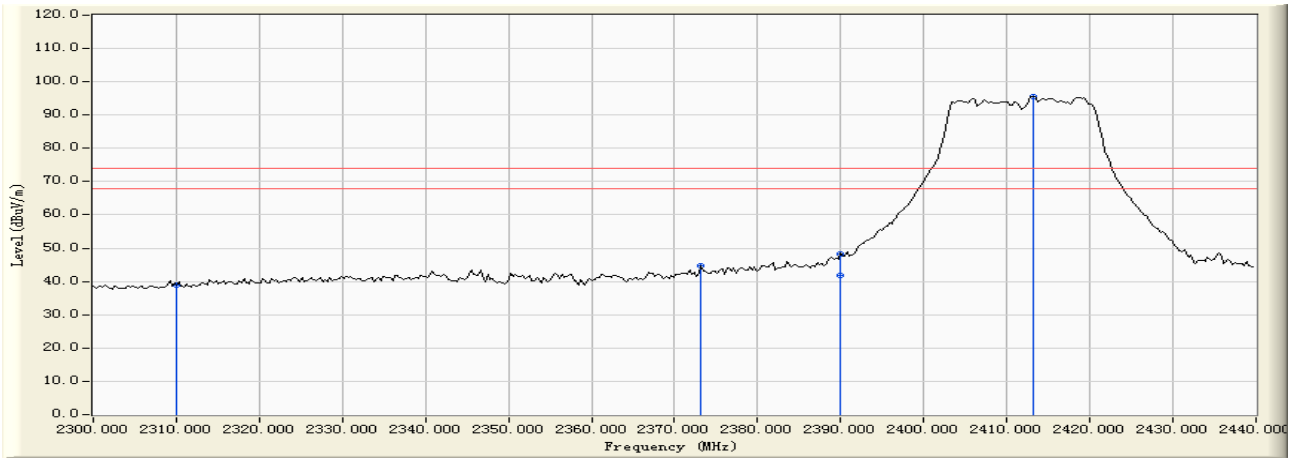
Band Edge (20dBc RF Conducted Measurement)
Mode 2: Transmit by 802.11g (2412MHz)



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



Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 16:48**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11n (20MHz) (An0) (2412MHz)**

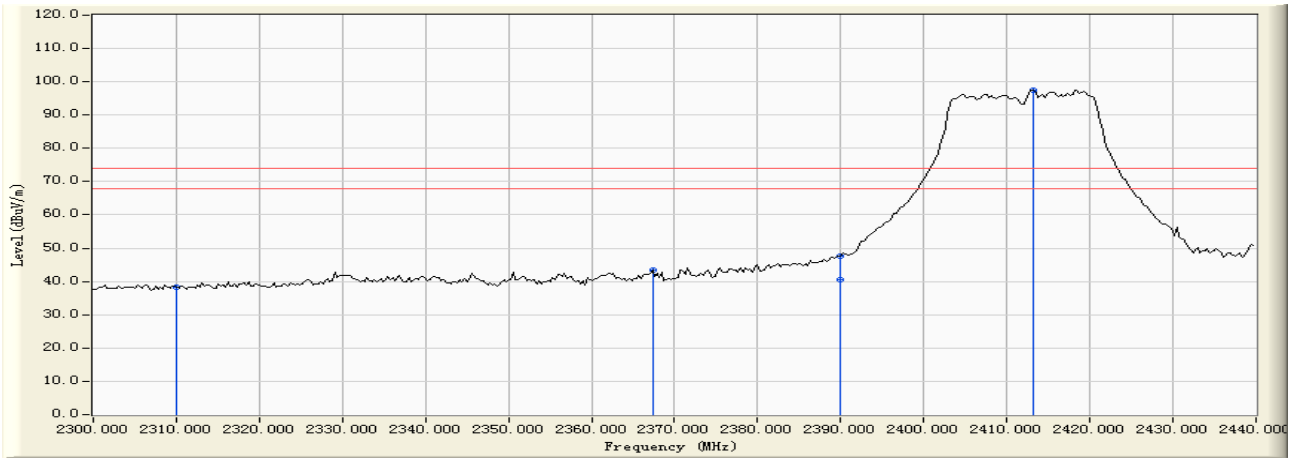


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	38.854	39.043	-34.957	74.000	PEAK
2		2373.214	0.321	44.337	44.658	-29.342	74.000	PEAK
3		2390.000	0.358	48.025	48.383	-25.617	74.000	PEAK
4		2390.000	0.358	41.350	41.708	-12.292	54.000	AVERAGE
5	*	2413.174	0.433	95.114	95.547	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 : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 16:50**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11n (20MHz) (An0) (2412MHz)**

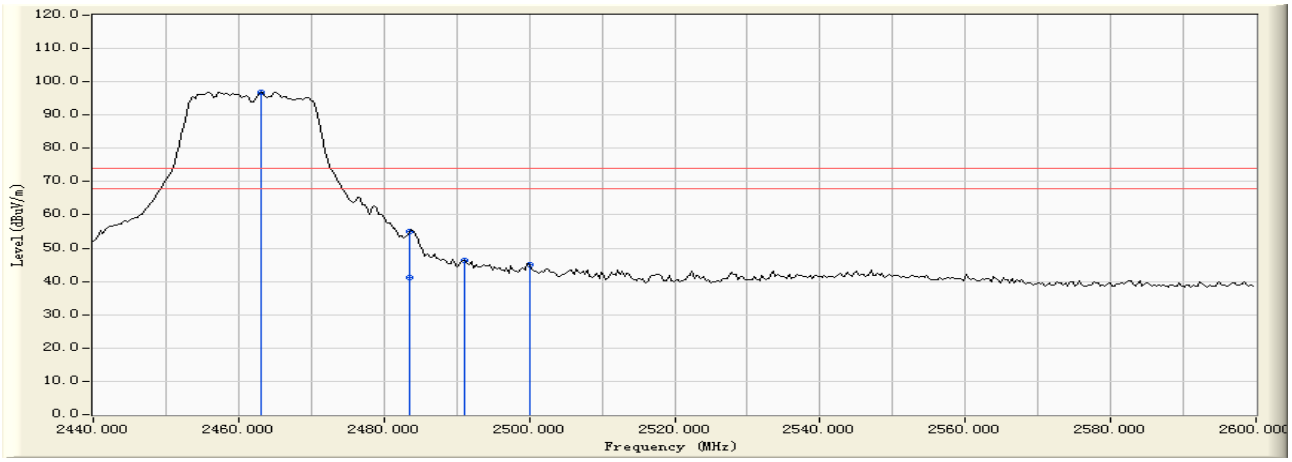


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	38.215	38.404	-35.596	74.000	PEAK
2		2367.345	0.310	42.989	43.299	-30.701	74.000	PEAK
3		2390.000	0.358	47.396	47.754	-26.246	74.000	PEAK
4		2390.000	0.358	40.170	40.528	-13.472	54.000	AVERAGE
5	*	2413.174	0.433	96.946	97.379	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 : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 16:53**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11n (20MHz) (An0) (2462MHz)**

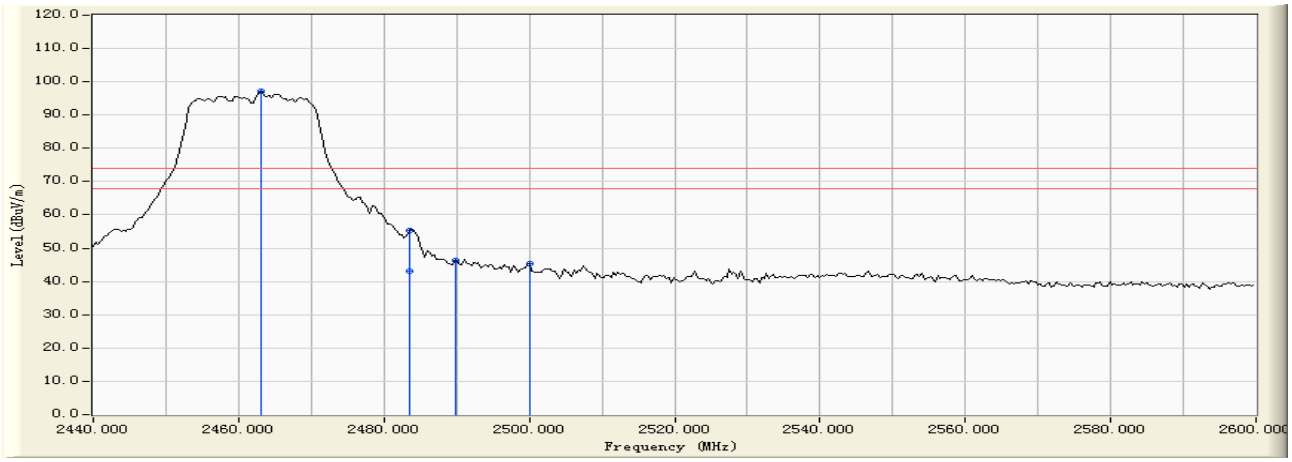


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.994	0.602	96.173	96.776	N/A	N/A	PEAK
2		2483.500	0.672	54.292	54.965	-19.035	74.000	PEAK
3		2483.500	0.672	40.360	41.033	-12.967	54.000	AVERAGE
4		2491.098	0.699	45.766	46.465	-27.535	74.000	PEAK
5		2500.000	0.737	44.435	45.171	-28.829	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 : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 16:55**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11n (20MHz) (An0) (2462MHz)**

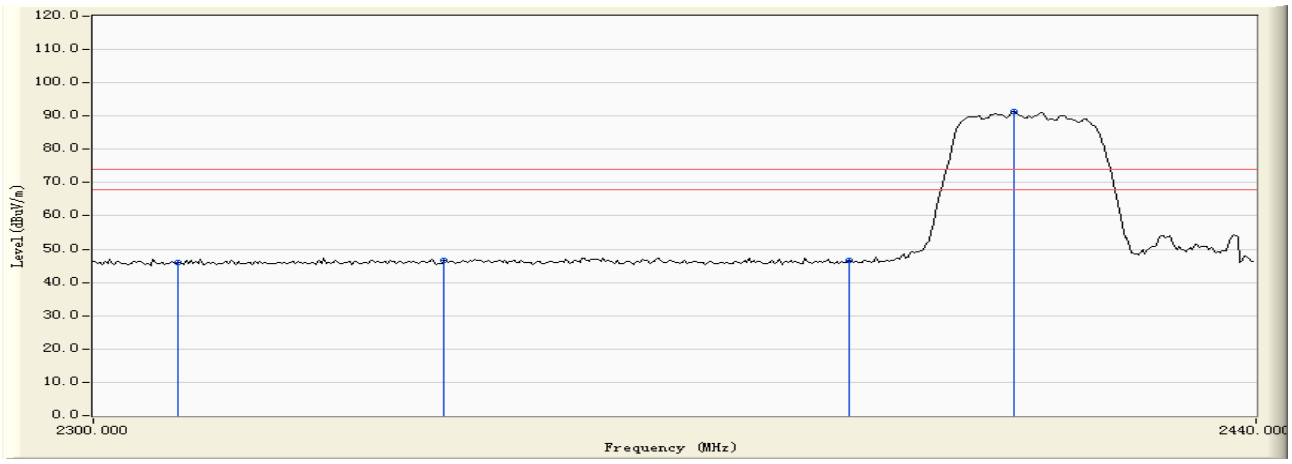


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.994	0.602	96.562	97.165	N/A	N/A	PEAK
2		2483.500	0.672	54.621	55.294	-18.706	74.000	PEAK
3		2483.500	0.672	42.350	43.023	-10.977	54.000	AVERAGE
4		2489.820	0.695	45.601	46.296	-27.704	74.000	PEAK
5		2500.000	0.737	44.468	45.204	-28.796	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 : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/27 - 09:38**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11n (20MHz) (An1) (2412MHz)**

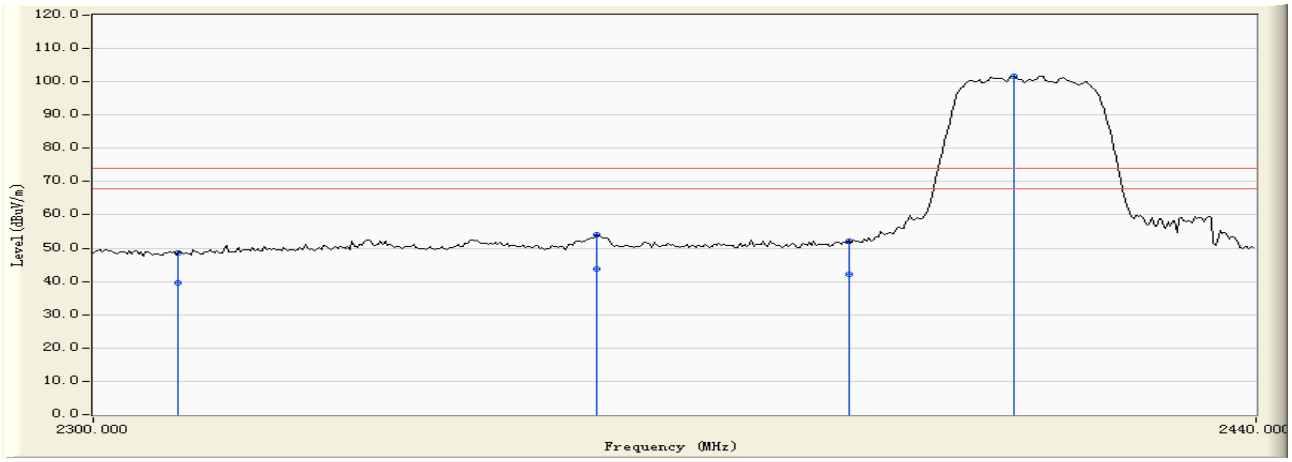


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	45.741	45.930	-28.070	74.000	PEAK
2		2341.357	0.259	46.504	46.763	-27.237	74.000	PEAK
3		2390.000	0.358	46.157	46.515	-27.485	74.000	PEAK
4	*	2410.100	0.422	90.888	91.310	N/A	N/A	PEAK

Note:

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

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/27 - 09:38**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11n (20MHz) (An1) (2412MHz)**

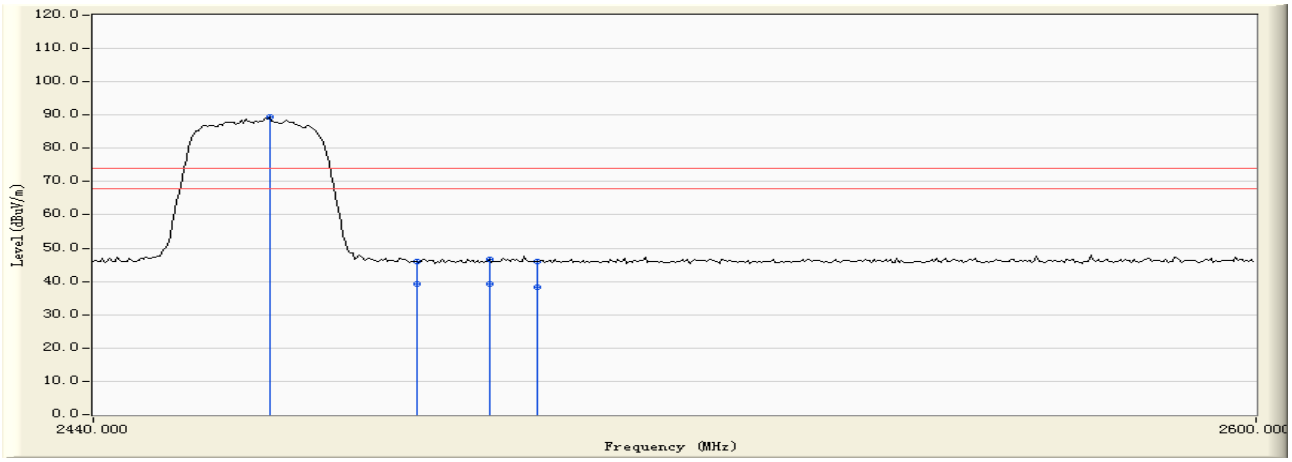


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	48.465	48.654	-25.346	74.000	PEAK
2		2310.000	0.188	39.540	39.729	-14.271	54.000	AVERAGE
3		2359.521	0.296	53.625	53.921	-20.079	74.000	PEAK
4		2359.521	0.296	43.520	43.816	-10.184	54.000	AVERAGE
5		2390.000	0.358	51.898	52.256	-21.744	74.000	PEAK
6		2390.000	0.358	41.780	42.138	-11.862	54.000	AVERAGE
7	*	2410.100	0.422	101.357	101.779	N/A	N/A	PEAK

Note:

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

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/27 - 09:38**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11n (20MHz) (An1) (2462MHz)**

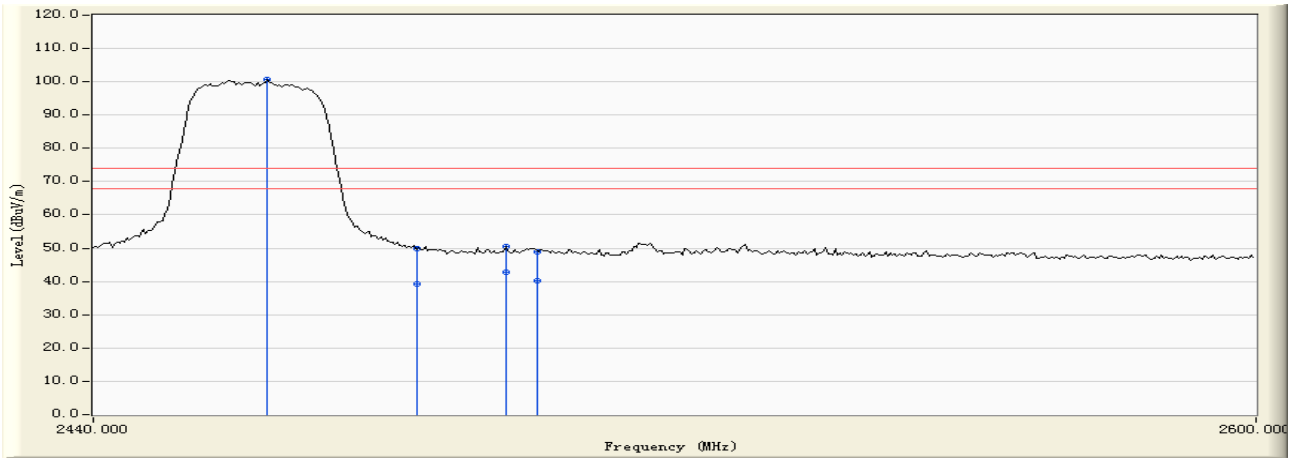


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2463.633	0.605	88.678	89.283	N/A	N/A	PEAK
2		2483.500	0.672	45.300	45.973	-28.027	74.000	PEAK
3		2483.500	0.672	38.620	39.293	-14.707	54.000	AVERAGE
4		2493.333	0.707	45.990	46.697	-27.303	74.000	PEAK
5		2493.333	0.707	38.420	39.127	-14.873	54.000	AVERAGE
6		2500.000	0.737	45.286	46.022	-27.978	74.000	PEAK
7		2500.000	0.737	37.410	38.146	-15.854	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 : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/27 - 09:39**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11n (20MHz) (An1) (2462MHz)**

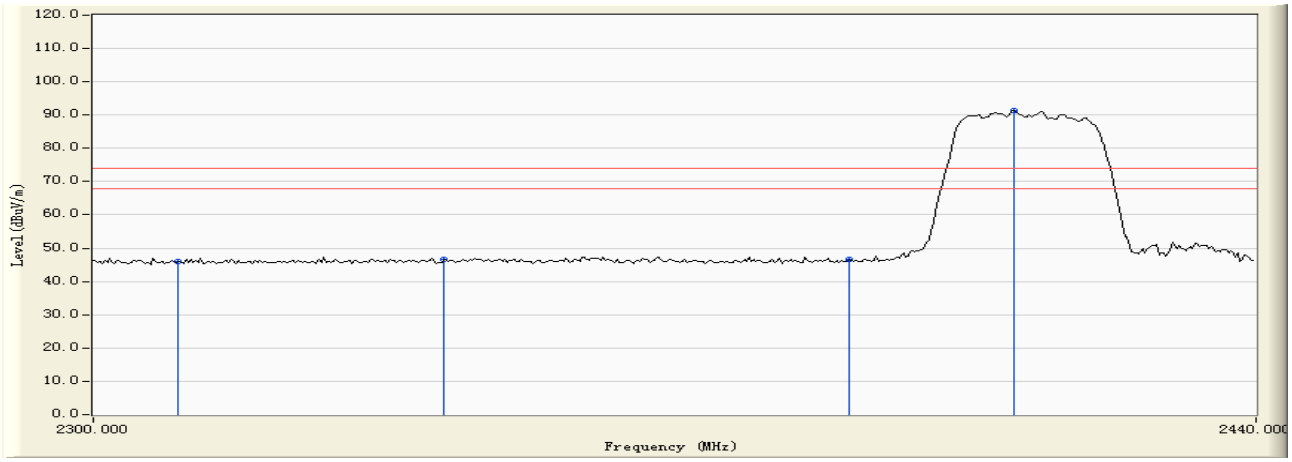


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2463.313	0.604	100.136	100.740	N/A	N/A	PEAK
2		2483.500	0.672	49.121	49.794	-24.206	74.000	PEAK
3		2483.500	0.672	38.510	39.183	-14.817	54.000	AVERAGE
4		2495.569	0.715	49.749	50.463	-23.537	74.000	PEAK
5		2495.569	0.715	42.170	42.884	-11.116	54.000	AVERAGE
6		2500.000	0.737	48.191	48.927	-25.073	74.000	PEAK
7		2500.000	0.737	39.620	40.356	-13.644	54.000	AVERAGE

Note:

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

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/27 - 09:53**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11n (20MHz) (An0 and An1) (2412MHz)**

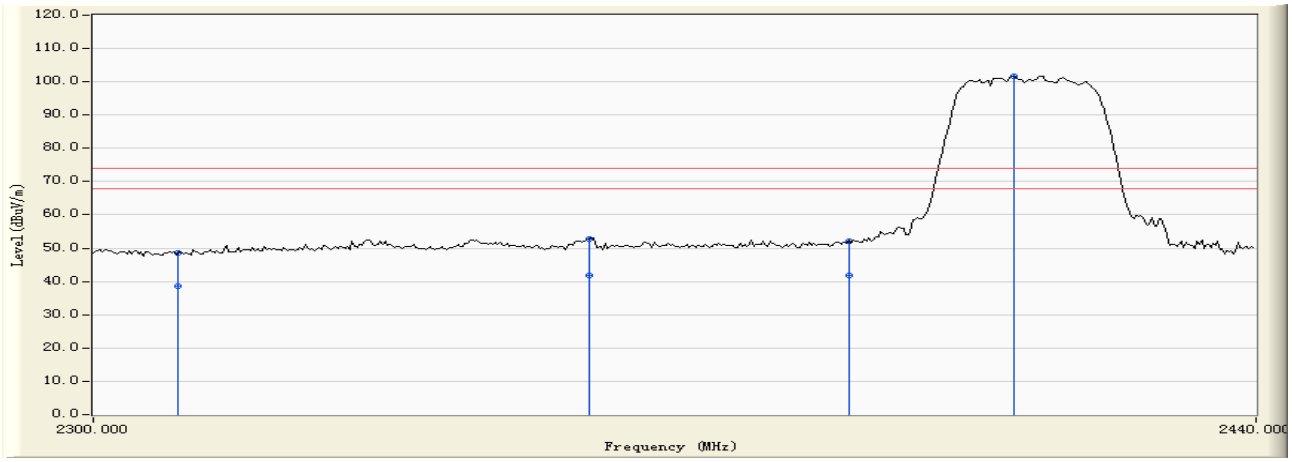


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	45.741	45.930	-28.070	74.000	PEAK
2		2341.357	0.259	46.504	46.763	-27.237	74.000	PEAK
3		2390.000	0.358	46.157	46.515	-27.485	74.000	PEAK
4	*	2410.100	0.422	90.888	91.310	N/A	N/A	PEAK

Note:

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

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/27 - 09:54**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11n (20MHz) (An0 and An1) (2412MHz)**

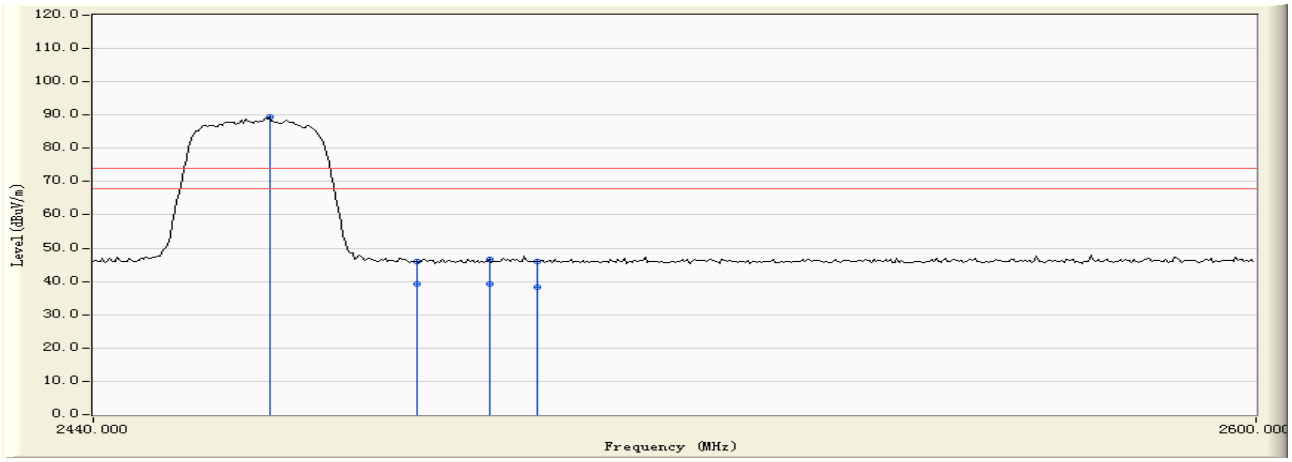


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	48.465	48.654	-25.346	74.000	PEAK
2		2310.000	0.188	38.540	38.729	-15.271	54.000	AVERAGE
3		2358.683	0.294	52.582	52.876	-21.124	74.000	PEAK
4		2358.683	0.294	41.570	41.864	-12.136	54.000	AVERAGE
5		2390.000	0.358	51.898	52.256	-21.744	74.000	PEAK
6		2390.000	0.358	41.580	41.938	-12.062	54.000	AVERAGE
7	*	2410.100	0.422	101.357	101.779	N/A	N/A	PEAK

Note:

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

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/27 - 09:54**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11n (20MHz) (An0 and An1) (2462MHz)**

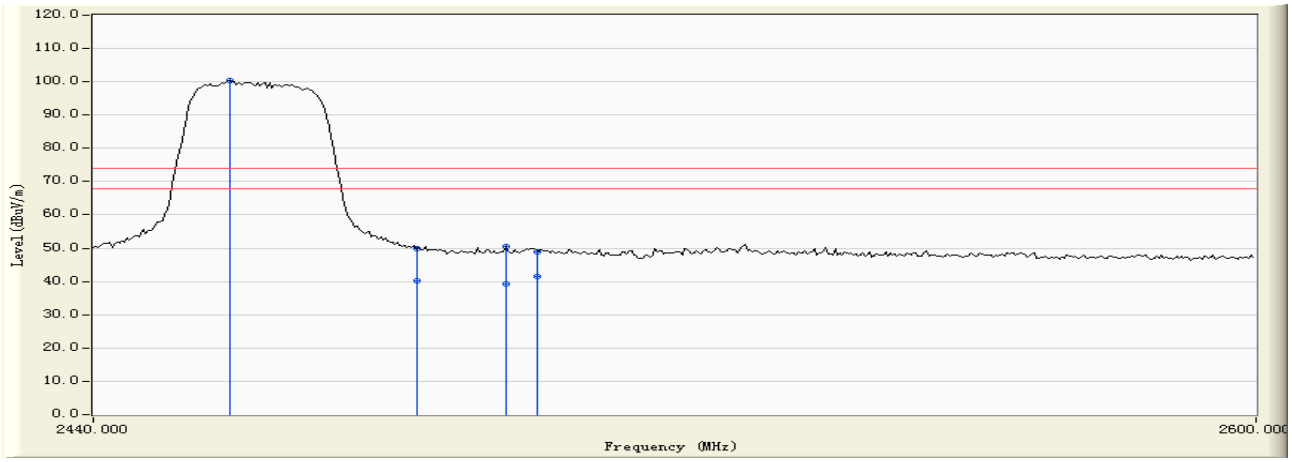


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2463.633	0.605	88.678	89.283	N/A	N/A	PEAK
2		2483.500	0.672	45.300	45.973	-28.027	74.000	PEAK
3		2483.500	0.672	38.620	39.293	-14.707	54.000	AVERAGE
4		2493.333	0.707	45.990	46.697	-27.303	74.000	PEAK
5		2493.333	0.707	38.420	39.127	-14.873	54.000	AVERAGE
6		2500.000	0.737	45.286	46.022	-27.978	74.000	PEAK
7		2500.000	0.737	37.410	38.146	-15.854	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 : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/27 - 09:54**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11n (20MHz) (An0 and An1) (2462MHz)**

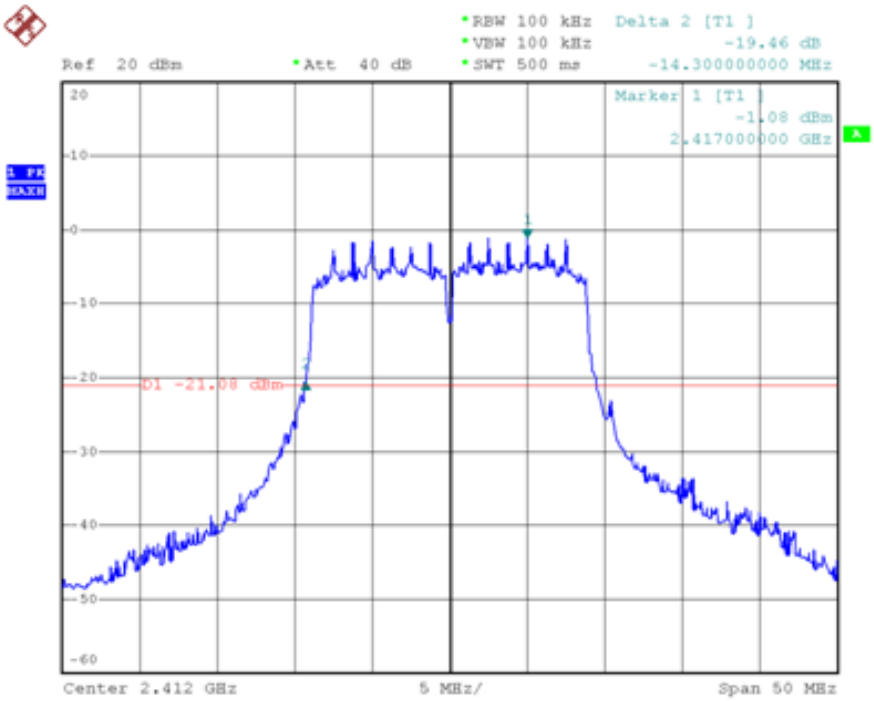


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2458.204	0.584	99.691	100.275	N/A	N/A	PEAK
2		2483.500	0.672	49.121	49.794	-24.206	74.000	PEAK
3		2483.500	0.672	39.500	40.173	-13.827	54.000	AVERAGE
4		2495.569	0.715	49.749	50.463	-23.537	74.000	PEAK
5		2495.569	0.715	38.570	39.284	-14.716	54.000	AVERAGE
6		2500.000	0.737	48.191	48.927	-25.073	74.000	PEAK
7		2500.000	0.737	40.620	41.356	-12.644	54.000	AVERAGE

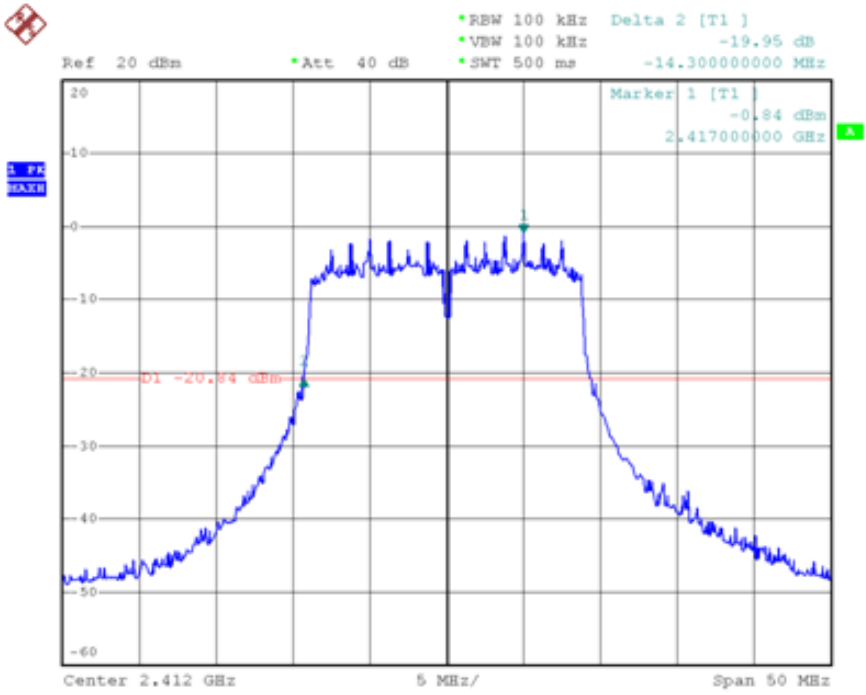
Note:

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

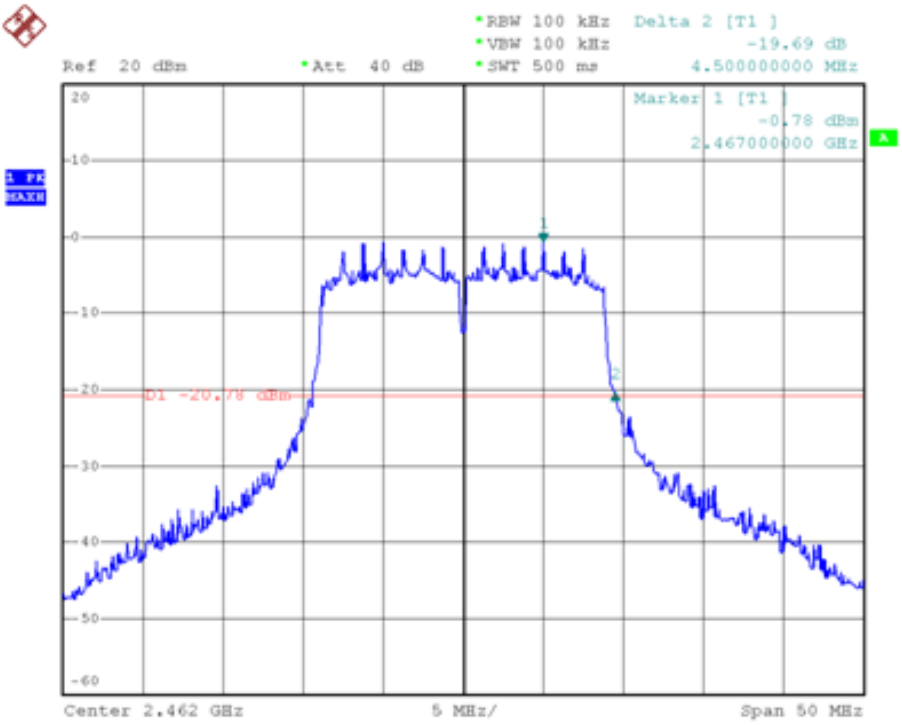
Band Edge (20dBc RF Conducted Measurement)
Mode 3: Transmit by 802.11n（20MHz）(2412MHz) (An0)



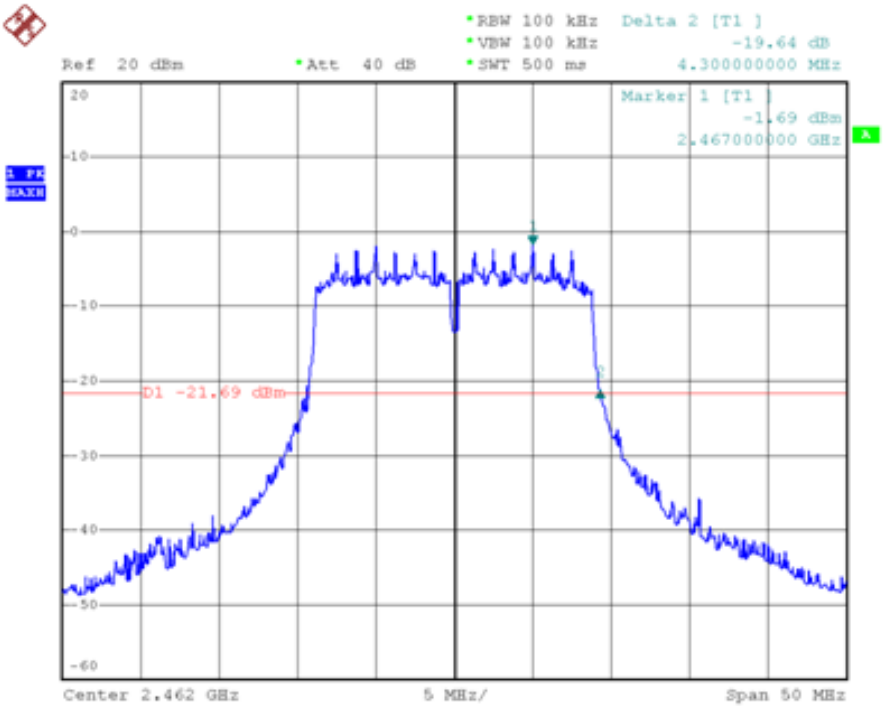
Band Edge (20dBc RF Conducted Measurement)
Mode 3: Transmit by 802.11n（20MHz）(2412MHz) (An1)



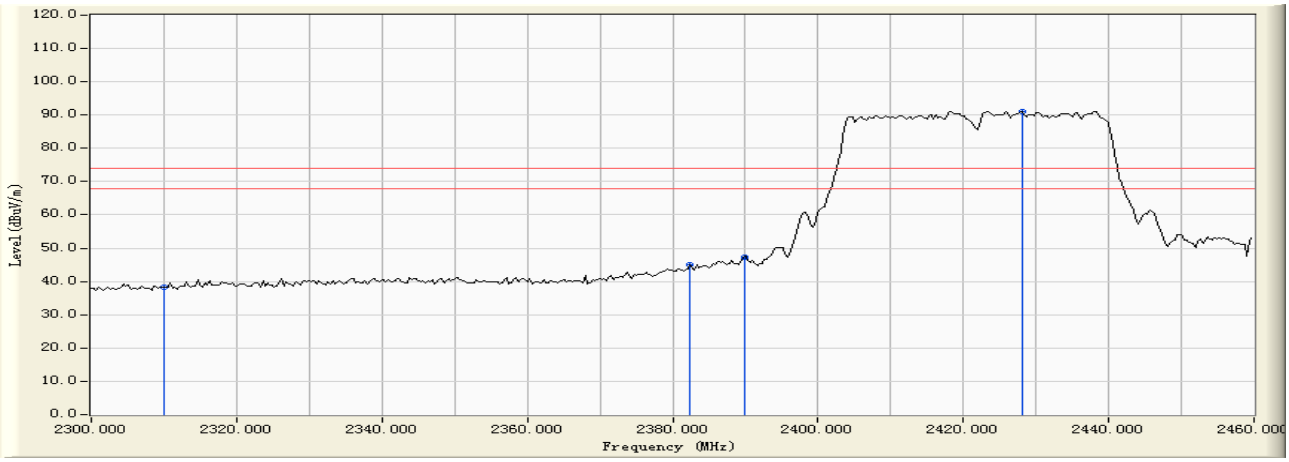
Band Edge (20dBc RF Conducted Measurement)
Mode 3: Transmit by 802.11n（20MHz）(2462MHz) (An0)



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



Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 17:00**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11n (40MHz) (An0) (2422MHz)**

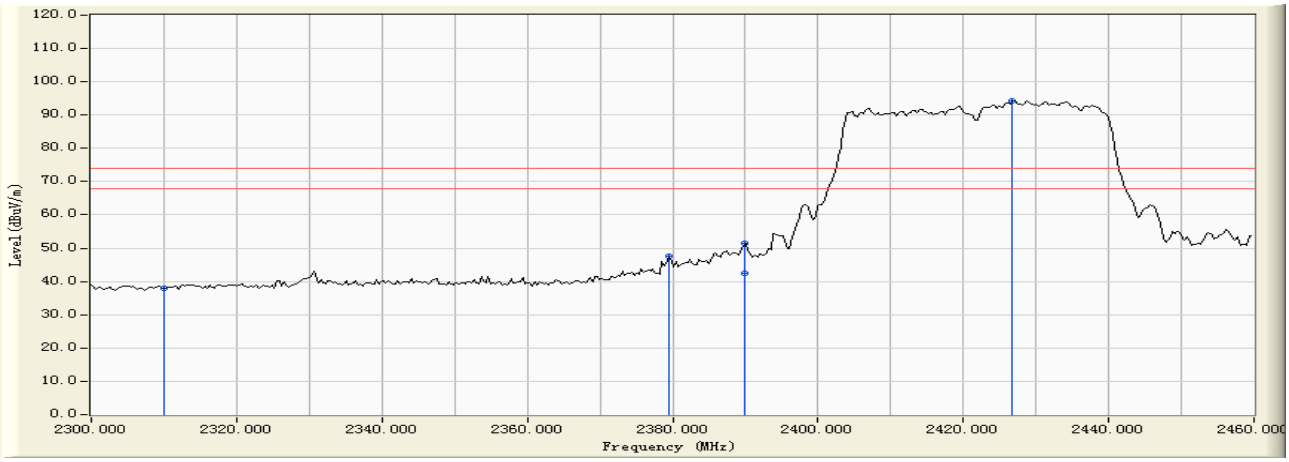


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	38.062	38.251	-35.749	74.000	PEAK
2		2382.395	0.341	44.550	44.891	-29.109	74.000	PEAK
3		2390.000	0.358	47.073	47.431	-26.569	74.000	PEAK
4	*	2428.064	0.482	90.711	91.193	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 : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 17:02**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11n (40MHz) (An0) (2422MHz)**

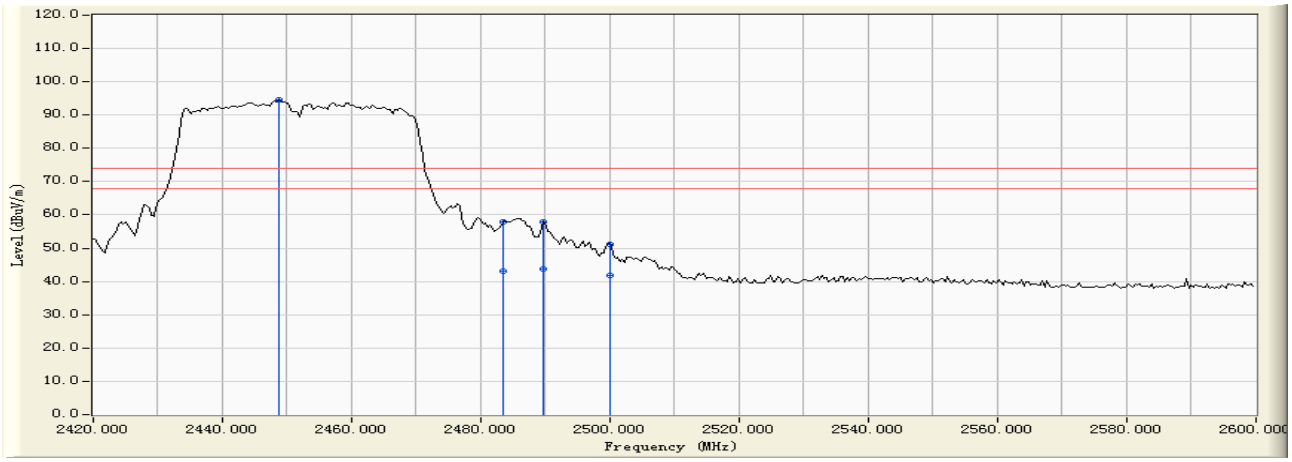


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	37.878	38.067	-35.933	74.000	PEAK
2		2379.521	0.335	47.254	47.588	-26.412	74.000	PEAK
3		2390.000	0.358	50.980	51.338	-22.662	74.000	PEAK
4		2390.000	0.358	42.150	42.508	-11.492	54.000	AVERAGE
5	*	2426.786	0.478	93.918	94.396	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 : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 17:06**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11n (40MHz) (An0) (2452MHz)**

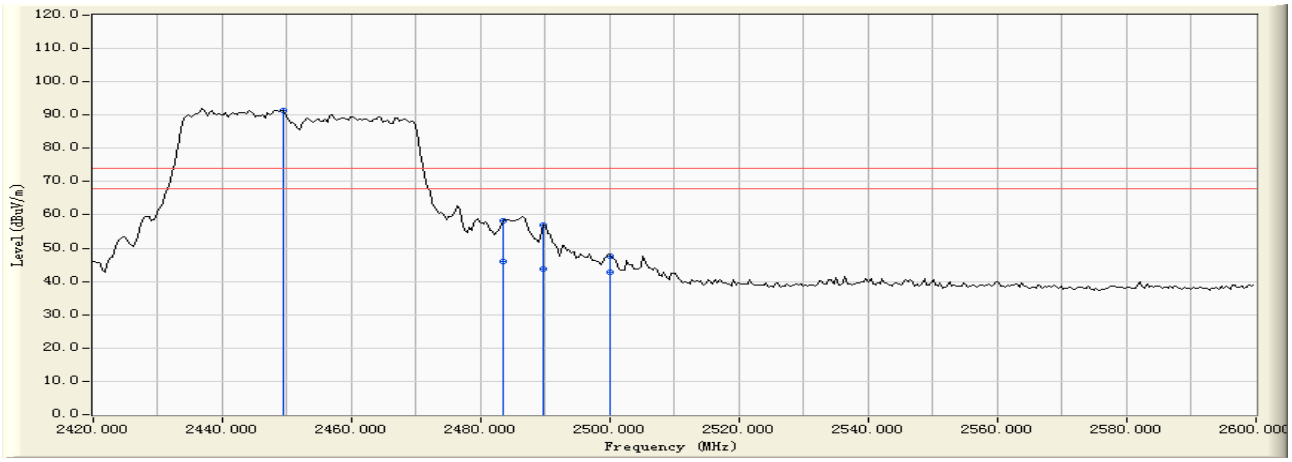


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2448.743	0.547	93.903	94.450	N/A	N/A	PEAK
2		2483.500	0.672	57.262	57.935	-16.065	74.000	PEAK
3		2483.500	0.672	42.360	43.033	-10.967	54.000	AVERAGE
4		2489.701	0.695	57.159	57.853	-16.147	74.000	PEAK
5		2489.701	0.695	43.180	43.874	-10.126	54.000	AVERAGE
6		2500.000	0.737	50.528	51.264	-22.736	74.000	PEAK
7		2500.000	0.737	41.170	41.906	-12.094	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

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/21 - 17:08**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11n (40MHz) (An0) (2452MHz)**

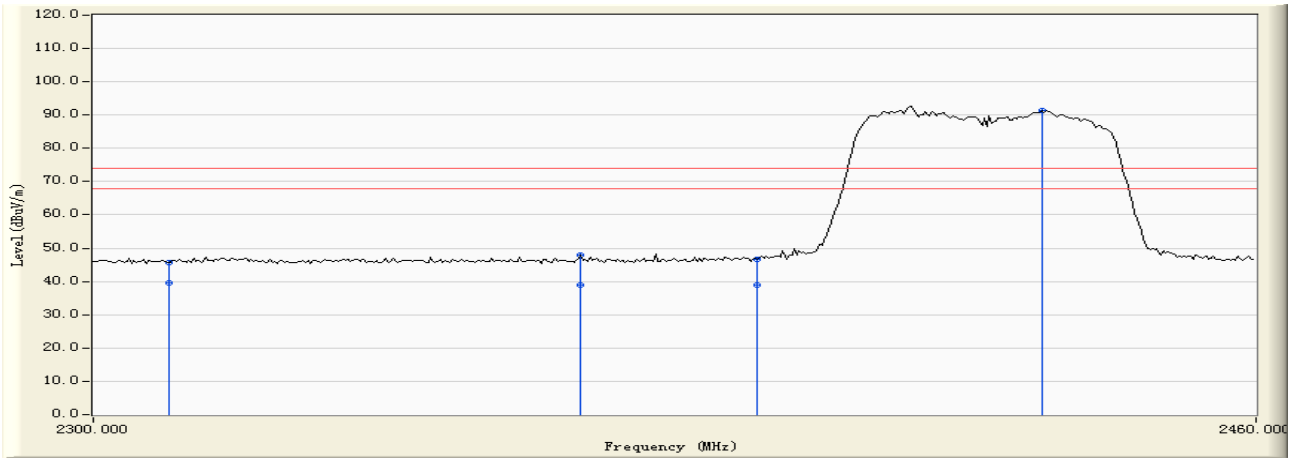


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2449.461	0.550	90.808	91.357	N/A	N/A	PEAK
2		2483.500	0.672	57.688	58.361	-15.639	74.000	PEAK
3		2483.500	0.672	45.190	45.863	-8.137	54.000	AVERAGE
4		2489.701	0.695	56.189	56.883	-17.117	74.000	PEAK
5		2489.701	0.695	43.170	43.864	-10.136	54.000	AVERAGE
6		2500.000	0.737	46.820	47.556	-26.444	74.000	PEAK
7		2500.000	0.737	42.180	42.916	-11.084	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 : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/27 - 09:39**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11n (40MHz) (An1) (2422MHz)**

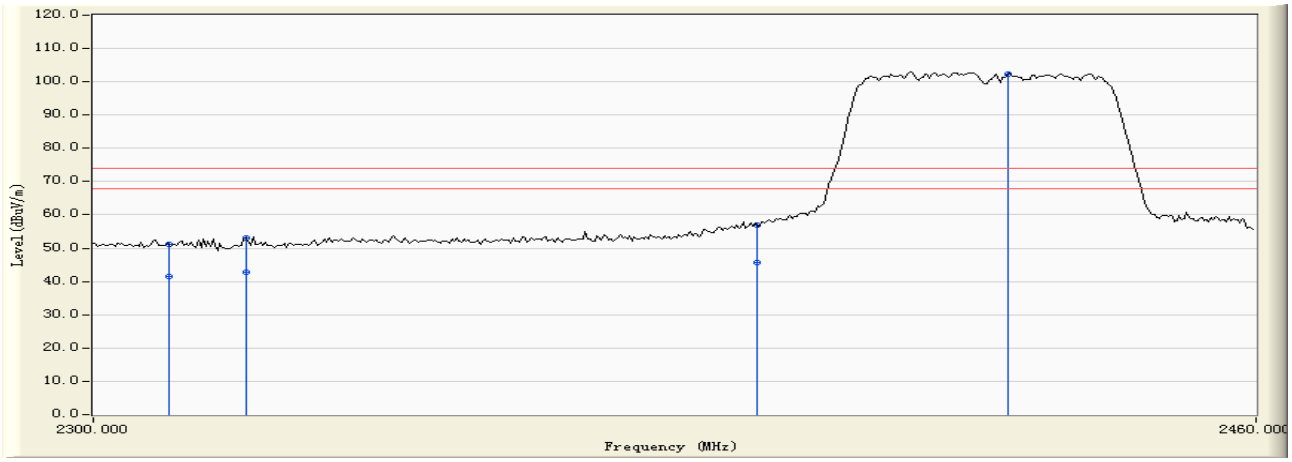


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	45.546	45.735	-28.265	74.000	PEAK
2		2310.000	0.188	39.520	39.709	-14.291	54.000	AVERAGE
3		2365.788	0.307	47.546	47.853	-26.147	74.000	PEAK
4		2365.788	0.307	38.560	38.867	-15.133	54.000	AVERAGE
5		2390.000	0.358	46.363	46.721	-27.279	74.000	PEAK
6		2390.000	0.358	38.670	39.028	-14.972	54.000	AVERAGE
7	*	2429.661	0.487	90.787	91.274	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 : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/27 - 09:39**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11n (40MHz) (An1) (2422MHz)**

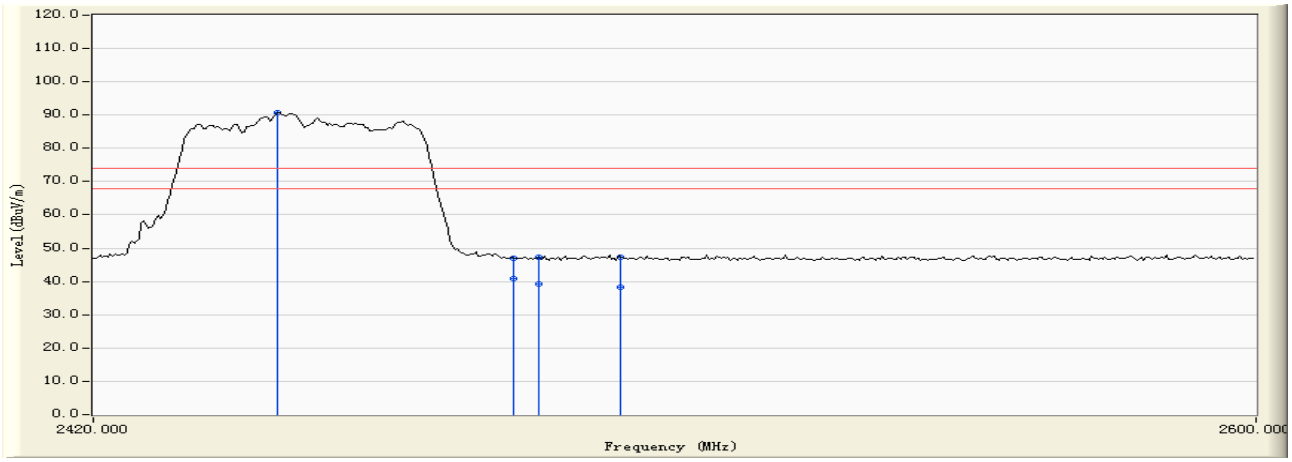


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	50.963	51.152	-22.848	74.000	PEAK
2		2310.000	0.188	41.270	41.459	-12.541	54.000	AVERAGE
3		2320.439	0.212	52.880	53.092	-20.908	74.000	PEAK
4		2320.439	0.212	42.580	42.792	-11.208	54.000	AVERAGE
5		2390.000	0.358	56.574	56.932	-17.068	74.000	PEAK
6		2390.000	0.358	45.250	45.608	-8.392	54.000	AVERAGE
7	*	2424.870	0.472	101.803	102.275	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 : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/27 - 09:39**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11n (40MHz) (An1) (2452MHz)**

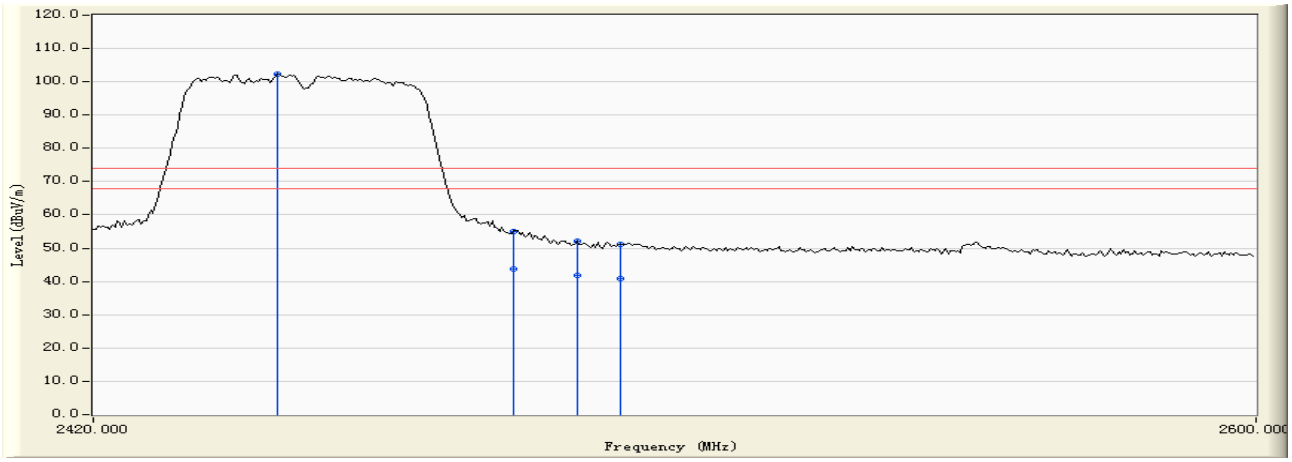


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2447.665	0.543	90.196	90.739	N/A	N/A	PEAK
2		2483.500	0.672	46.300	46.973	-27.027	74.000	PEAK
3		2483.500	0.672	40.150	40.823	-13.177	54.000	AVERAGE
4		2487.545	0.687	46.678	47.365	-26.635	74.000	PEAK
5		2487.545	0.687	38.520	39.207	-14.793	54.000	AVERAGE
6		2500.000	0.737	46.698	47.434	-26.566	74.000	PEAK
7		2500.000	0.737	37.590	38.326	-15.674	54.000	AVERAGE

Note:

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

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/27 - 09:39**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11n (40MHz) (An1) (2452MHz)**

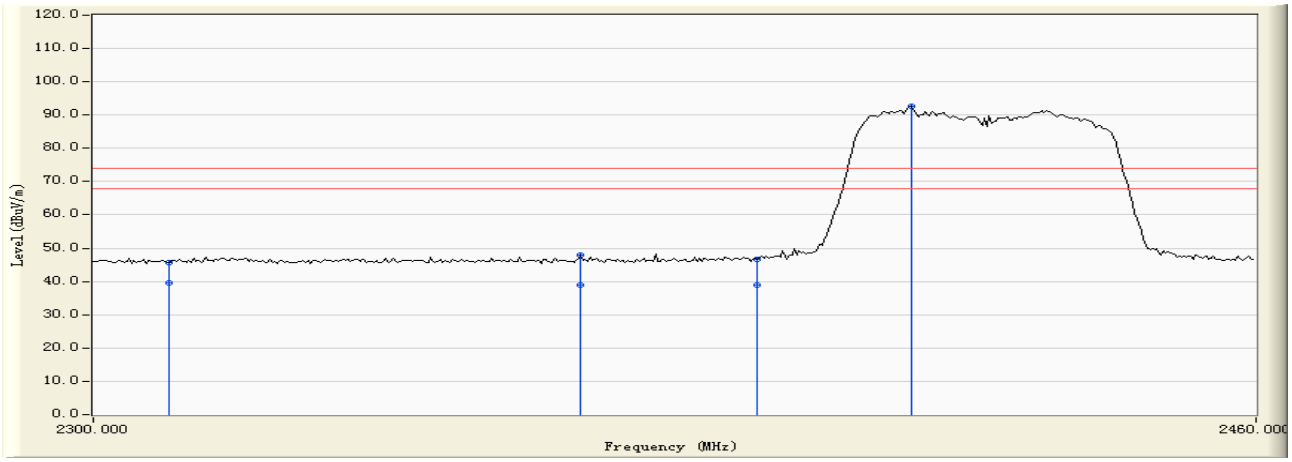


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2447.665	0.543	101.736	102.279	N/A	N/A	PEAK
2		2483.500	0.672	54.365	55.038	-18.962	74.000	PEAK
3		2483.500	0.672	43.120	43.793	-10.207	54.000	AVERAGE
4		2493.293	0.706	51.330	52.036	-21.964	74.000	PEAK
5		2493.293	0.706	41.080	41.786	-12.214	54.000	AVERAGE
6		2500.000	0.737	50.404	51.140	-22.860	74.000	PEAK
7		2500.000	0.737	40.280	41.016	-12.984	54.000	AVERAGE

Note:

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

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/27 - 09:54**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11n (40MHz) (An0 and An1) (2422MHz)**

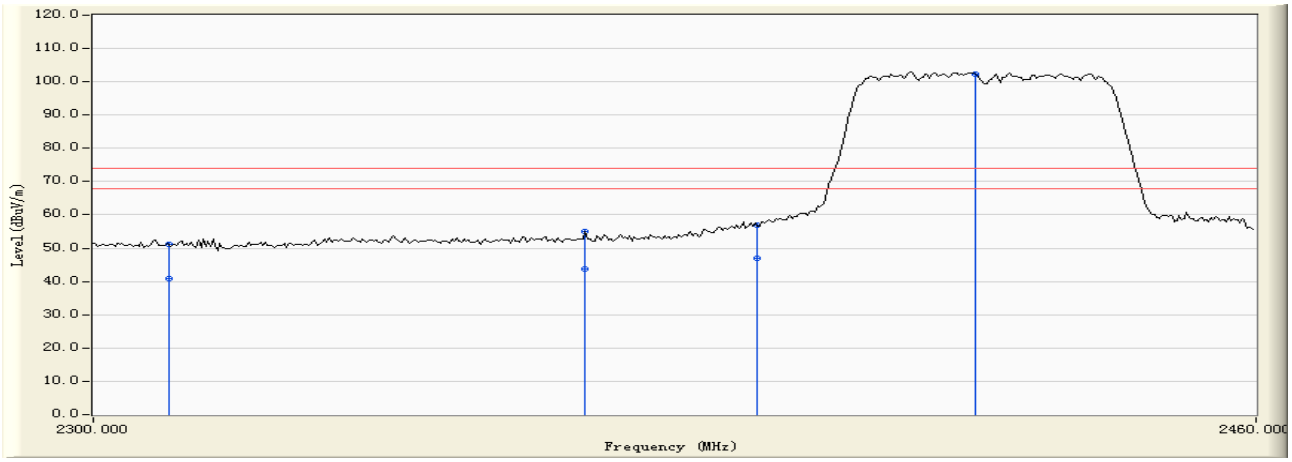


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	45.546	45.735	-28.265	74.000	PEAK
2		2310.000	0.188	39.520	39.709	-14.291	54.000	AVERAGE
3		2365.788	0.307	47.546	47.853	-26.147	74.000	PEAK
4		2365.788	0.307	38.560	38.867	-15.133	54.000	AVERAGE
5		2390.000	0.358	46.363	46.721	-27.279	74.000	PEAK
6		2390.000	0.358	38.670	39.028	-14.972	54.000	AVERAGE
7	*	2411.457	0.426	92.132	92.559	N/A	N/A	PEAK

Note:

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

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/27 - 09:55**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11n (40MHz) (An0 and An1) (2422MHz)**

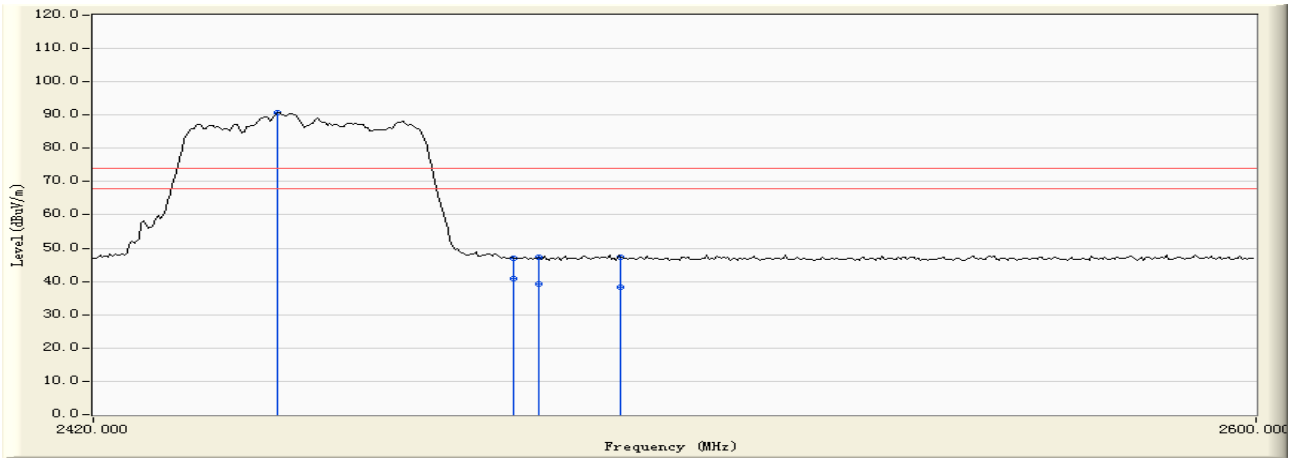


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	50.963	51.152	-22.848	74.000	PEAK
2		2310.000	0.188	40.570	40.759	-13.241	54.000	AVERAGE
3		2366.427	0.309	54.695	55.004	-18.996	74.000	PEAK
4		2366.427	0.309	43.510	43.819	-10.181	54.000	AVERAGE
5		2390.000	0.358	56.574	56.932	-17.068	74.000	PEAK
6		2390.000	0.358	46.530	46.888	-7.112	54.000	AVERAGE
7	*	2420.399	0.457	101.835	102.292	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 : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/27 - 09:55**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11n (40MHz) (An0 and An1) (2452MHz)**

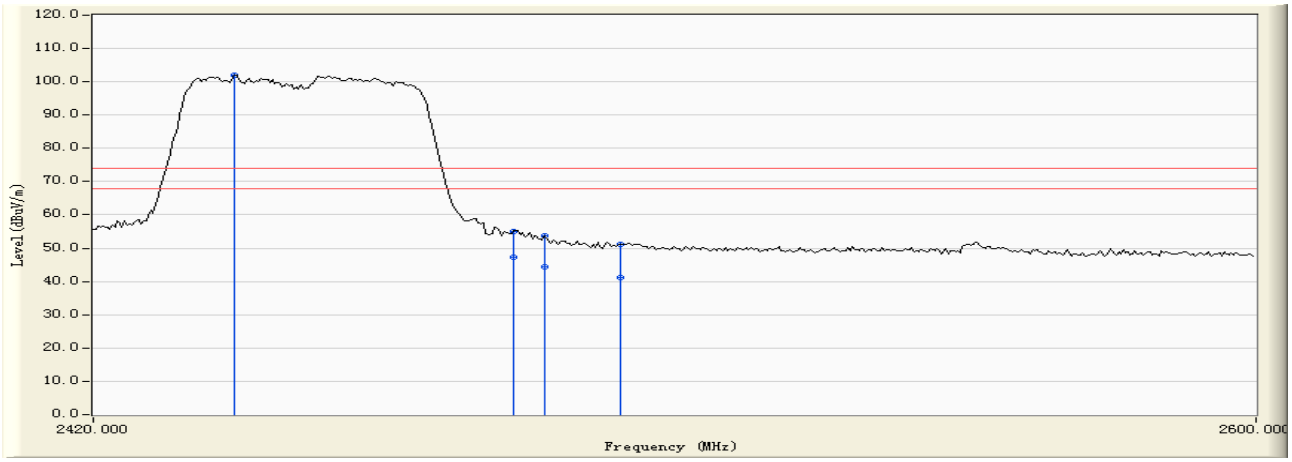


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2447.665	0.543	90.196	90.739	N/A	N/A	PEAK
2		2483.500	0.672	46.300	46.973	-27.027	74.000	PEAK
3		2483.500	0.672	40.150	40.823	-13.177	54.000	AVERAGE
4		2487.545	0.687	46.678	47.365	-26.635	74.000	PEAK
5		2487.545	0.687	38.520	39.207	-14.793	54.000	AVERAGE
6		2500.000	0.737	46.698	47.434	-26.566	74.000	PEAK
7		2500.000	0.737	37.590	38.326	-15.674	54.000	AVERAGE

Note:

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

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/09/27 - 09:55**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : Home Gateway	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11n (40MHz) (An0 and An1) (2452MHz)**

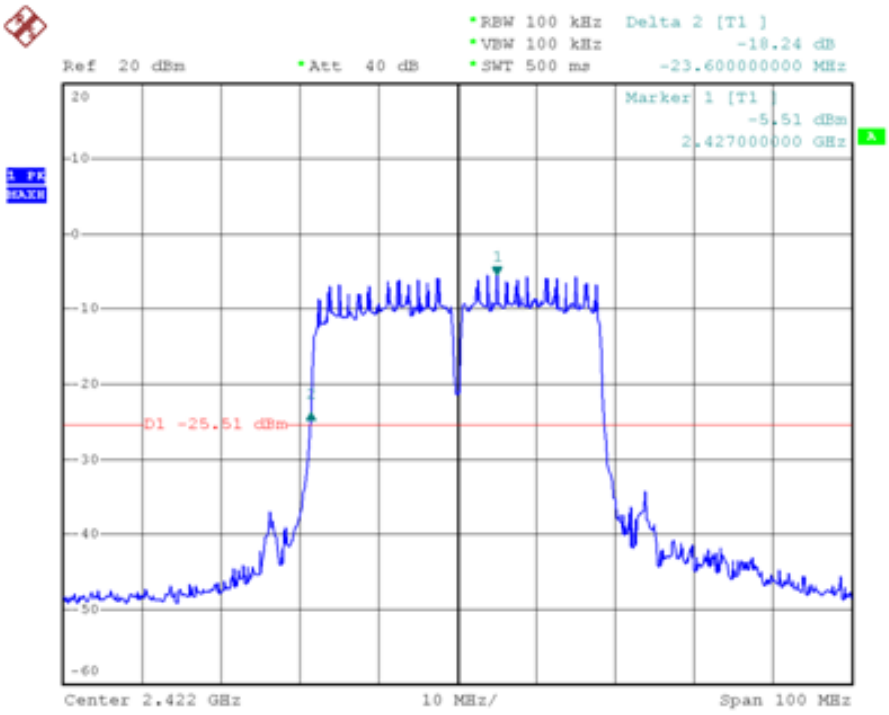


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2441.198	0.522	101.448	101.970	N/A	N/A	PEAK
2		2483.500	0.672	54.365	55.038	-18.962	74.000	PEAK
3		2483.500	0.672	46.530	47.203	-6.797	54.000	AVERAGE
4		2488.263	0.689	52.988	53.677	-20.323	74.000	PEAK
5		2488.263	0.689	43.570	44.259	-9.741	54.000	AVERAGE
6		2500.000	0.737	50.404	51.140	-22.860	74.000	PEAK
7		2500.000	0.737	40.570	41.306	-12.694	54.000	AVERAGE

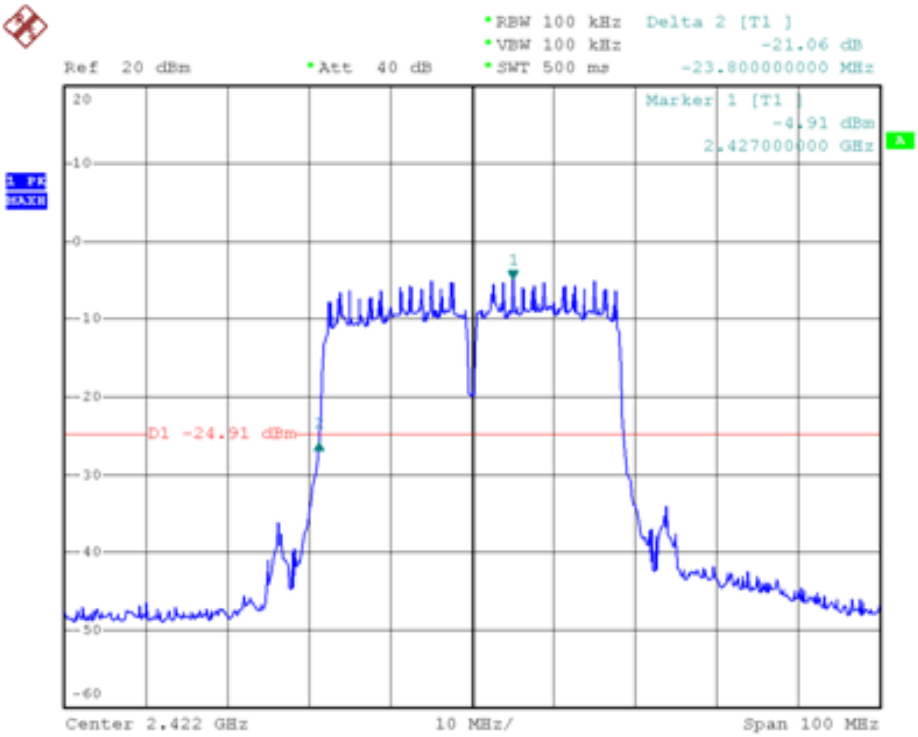
Note:

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

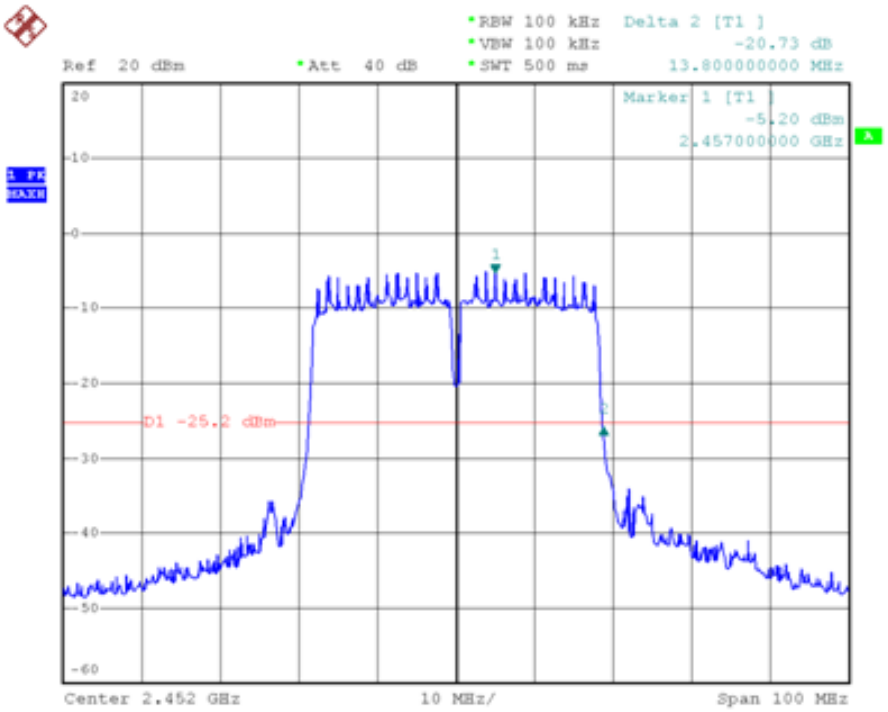
Band Edge (20dBc RF Conducted Measurement)
Mode 4: Transmit by 802.11n（40MHz）(2422MHz) (An0)



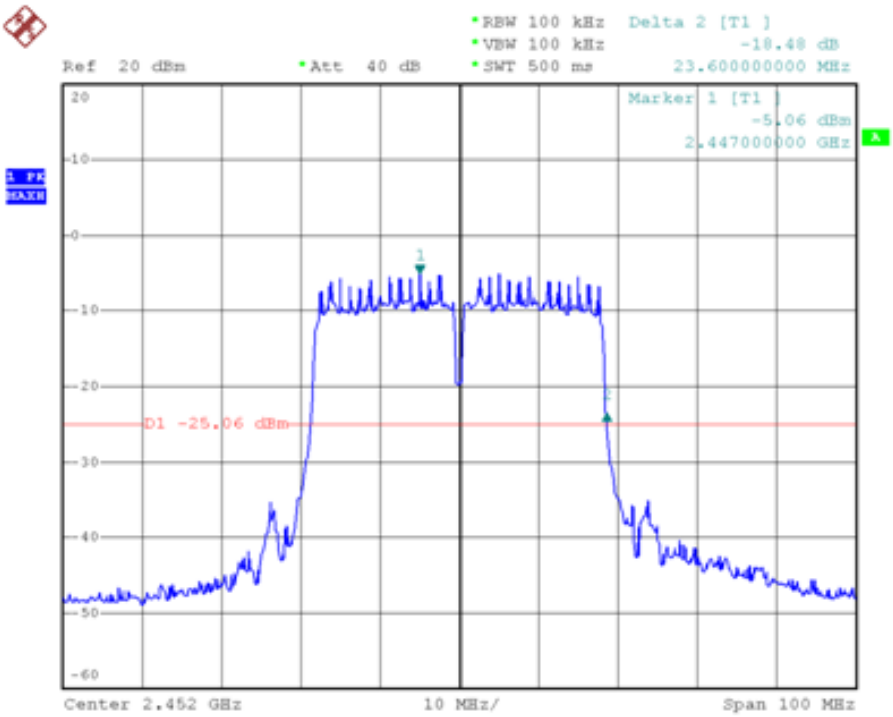
Band Edge (20dBc RF Conducted Measurement)
Mode 4: Transmit by 802.11n（40MHz）(2422MHz) (An1)



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



Band Edge (20dBc RF Conducted Measurement)
Mode 4: Transmit by 802.11 n（40MHz）(2452MHz) (An1)



8. RF Antenna Conducted Spurious

8.1. Test Limit

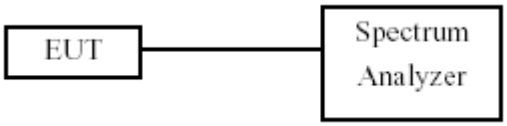
In any 100kHz bandwidth outside the frequency band in which the spread spectrum intentional Radiator is operating, the radio frequency power that is produced by the intentional radiator shall Be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

8.2. Test Procedure

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074for compliance to FCC 47CFR 15.247 requirements.

Set RBW= 100 kHz, Set VBW>RBW, Sweep time=Auto, set up through 10 th harmonic.

8.3. Test Setup Layout



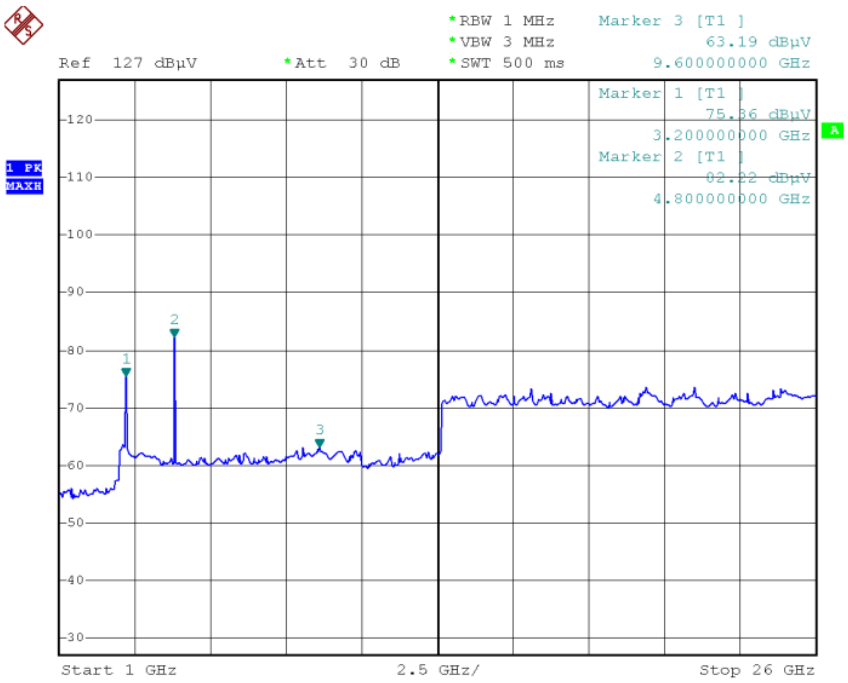
8.4. Measurement Equipment

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

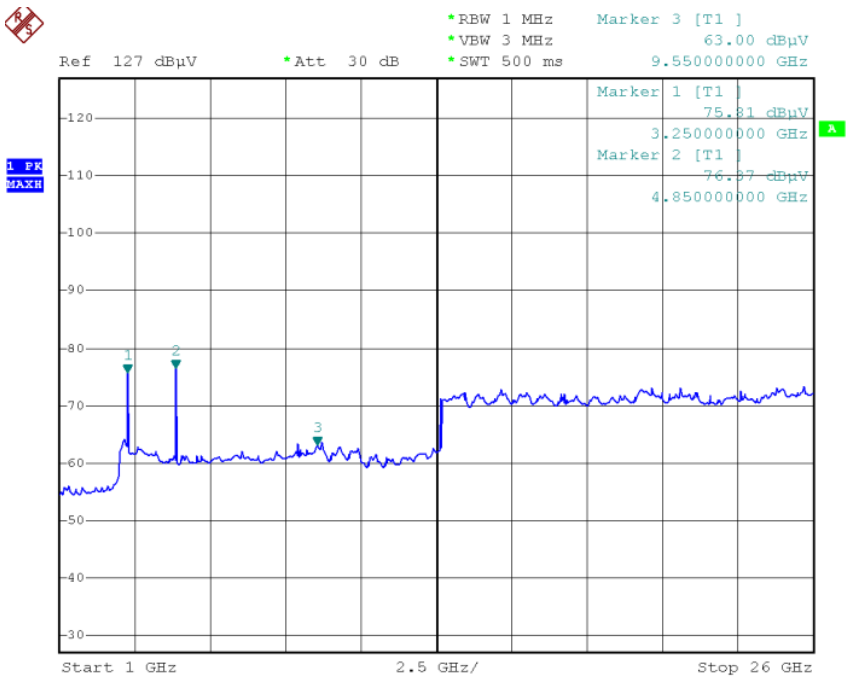
8.5. Test Result and Data

Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 1: Transmit by 802.11b(An0)
Test Date	2010-09-25

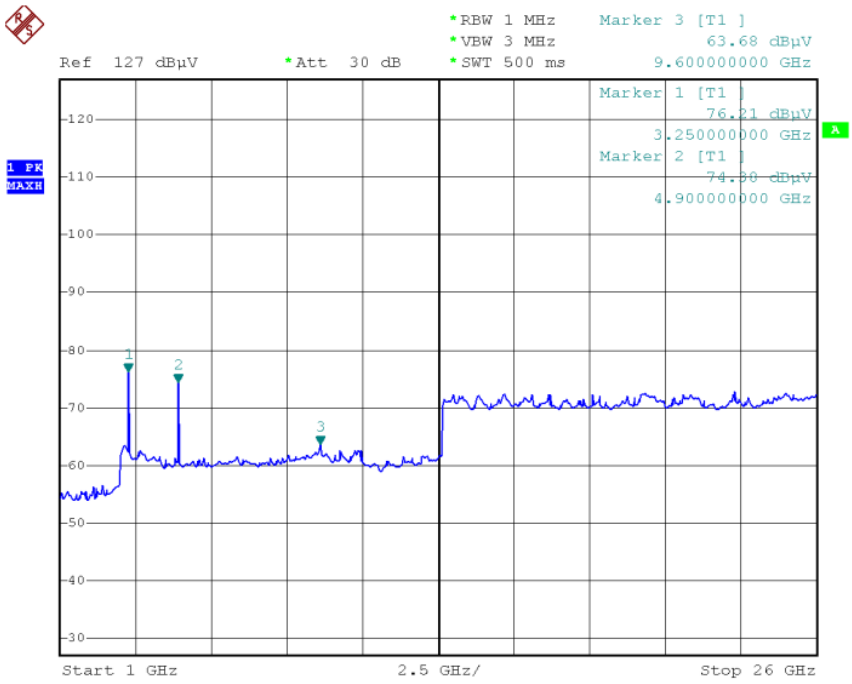
Channel 01 (2412MHz)



Channel 06 (2437MHz)

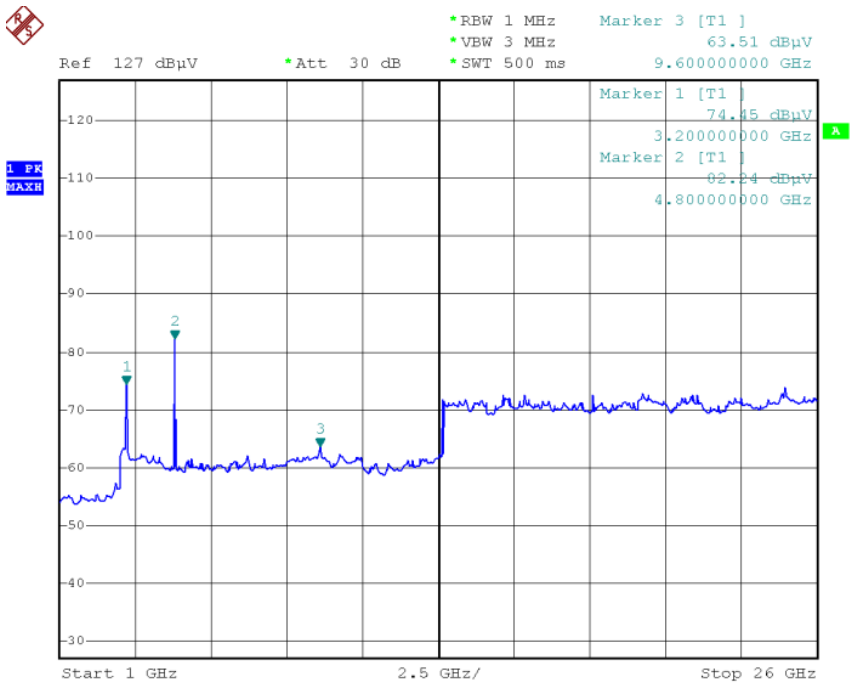


Channel 11 (2462MHz)

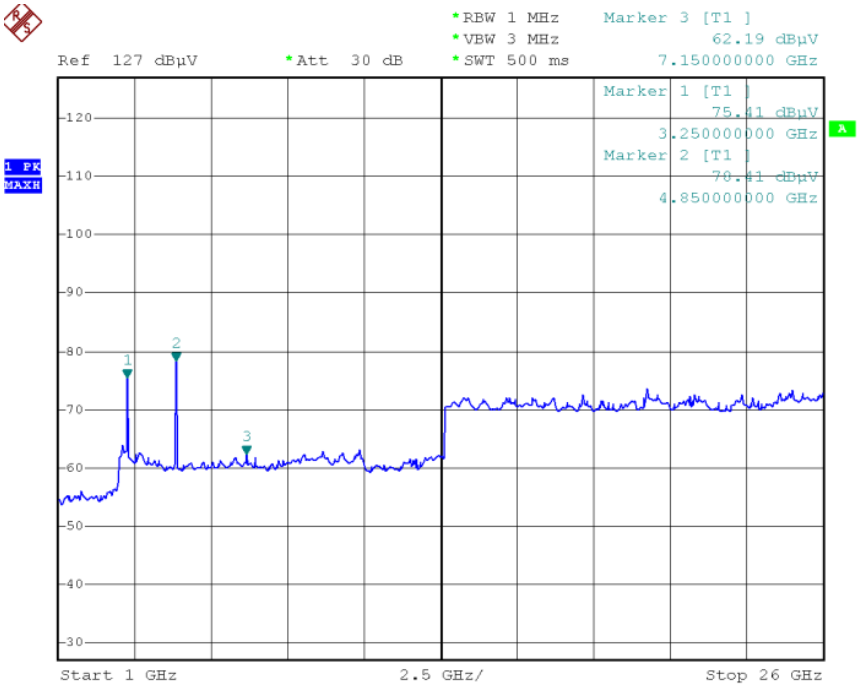


Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 2: Transmit by 802.11g (An0)
Test Date	2010-09-25

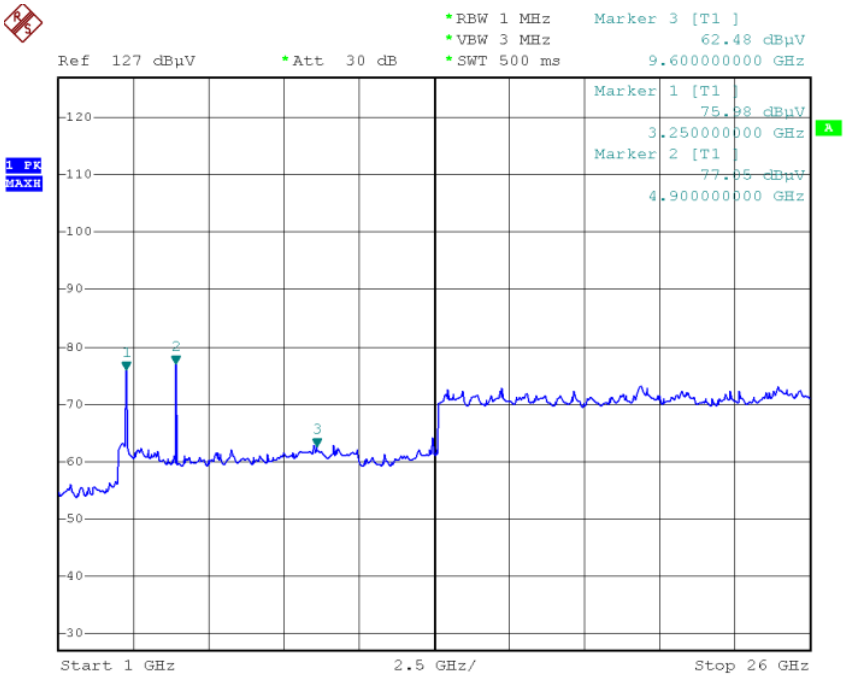
Channel 01 (2412MHz)



Channel 06 (2437MHz)

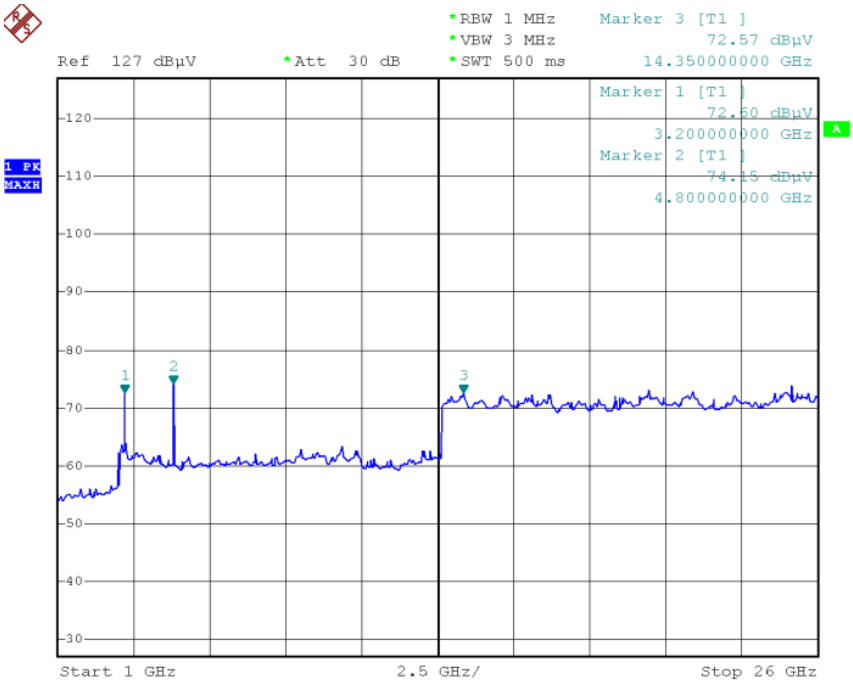


Channel 11 (2462MHz)

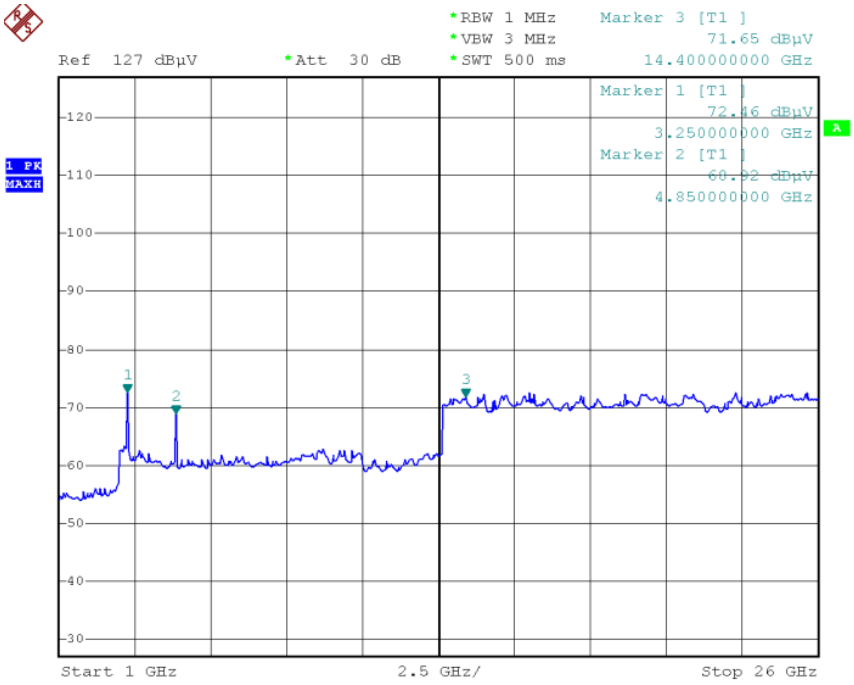


Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 3: Transmit by 802.11n (20MHz) (An0)
Test Date	2010-09-25

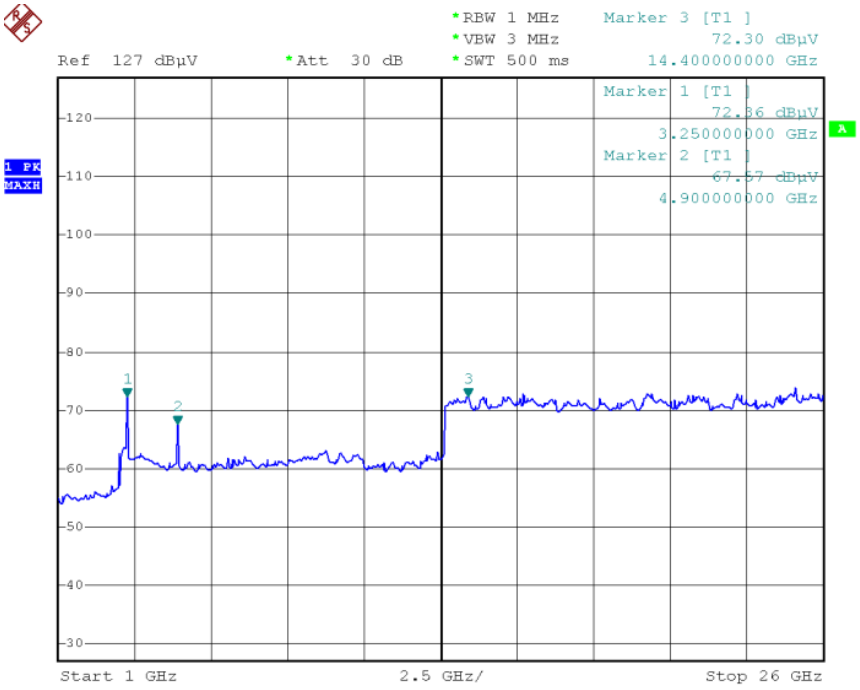
Channel 01 (2412MHz)



Channel 06 (2437MHz)

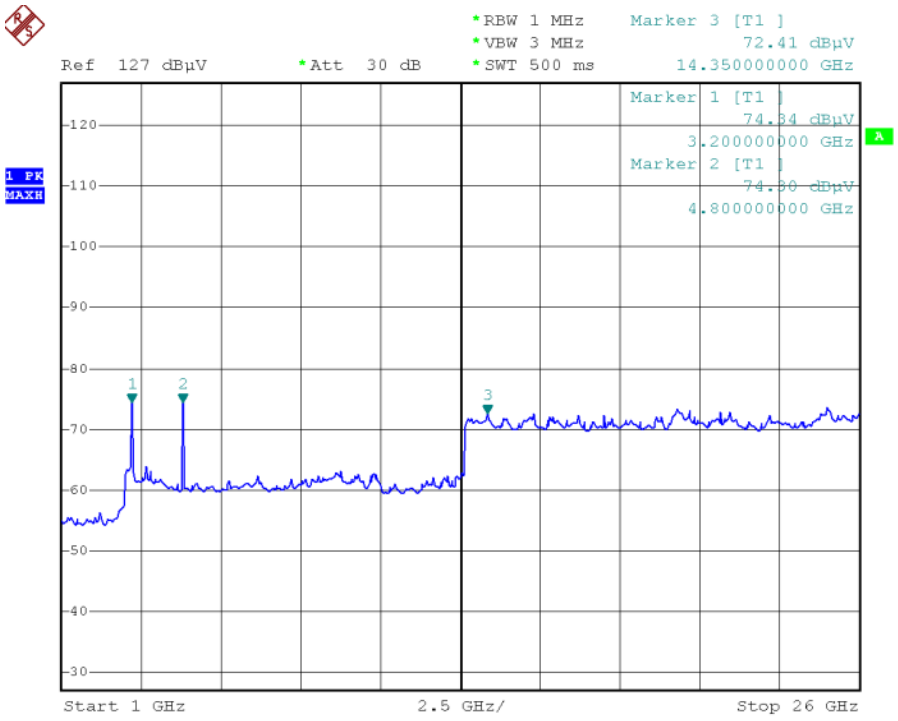


Channel 11 (2462MHz)

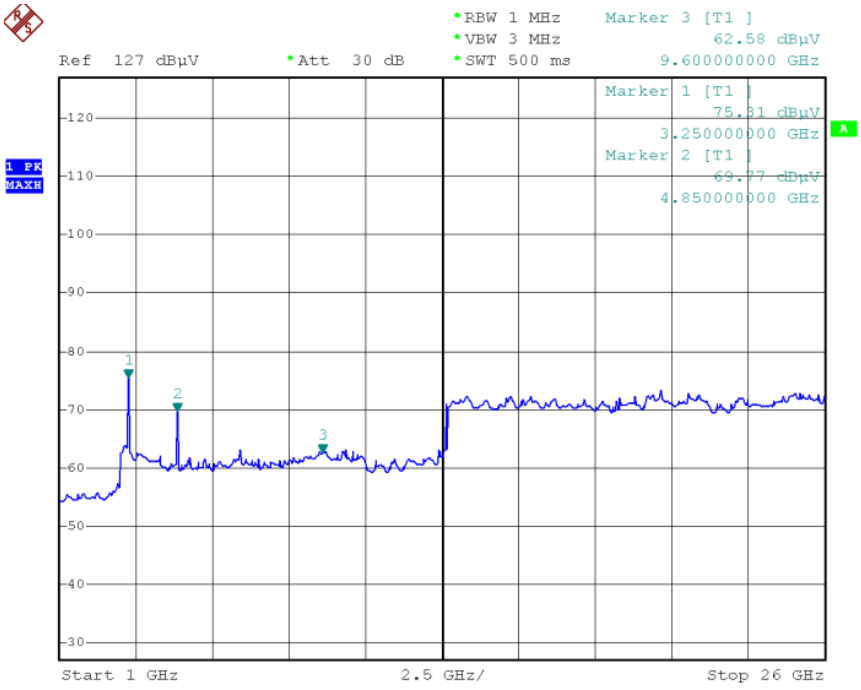


Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 3: Transmit by 802.11n (20MHz) (An1)
Test Date	2010-09-25

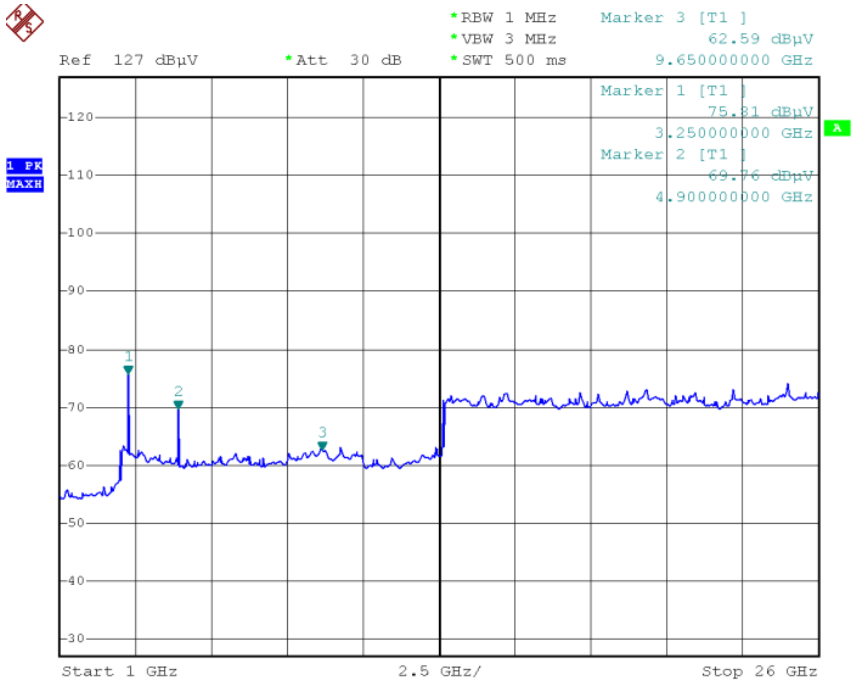
Channel 01 (2412MHz)



Channel 06 (2437MHz)

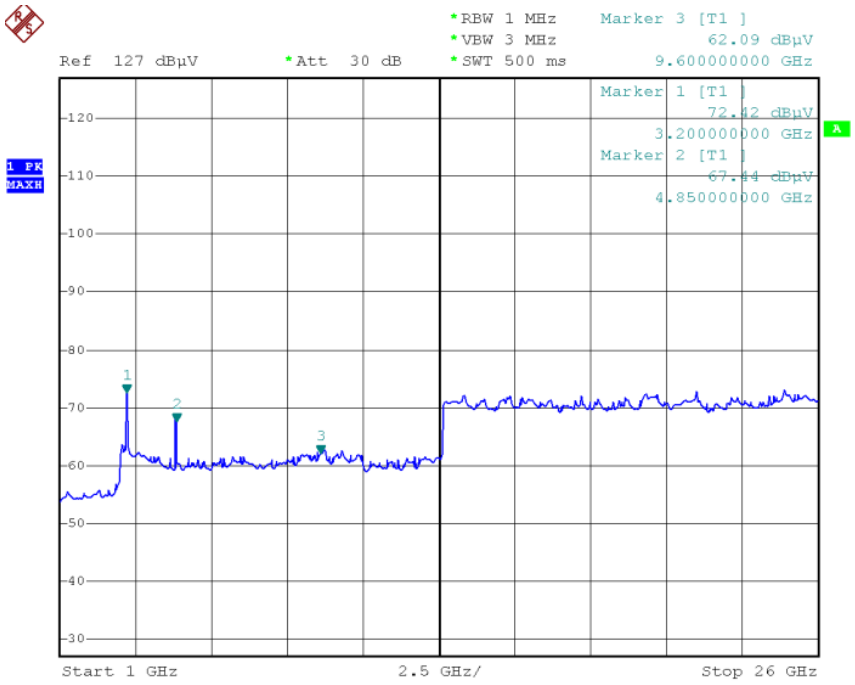


Channel 11 (2462MHz)

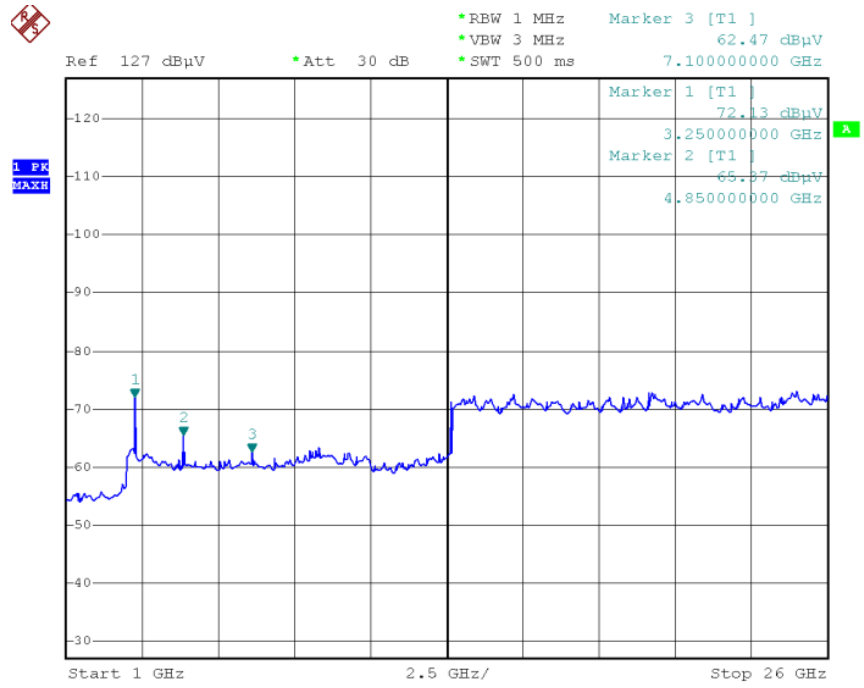


Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 4: Transmit by 802.11n (40MHz) (An0)
Test Date	2010-09-25

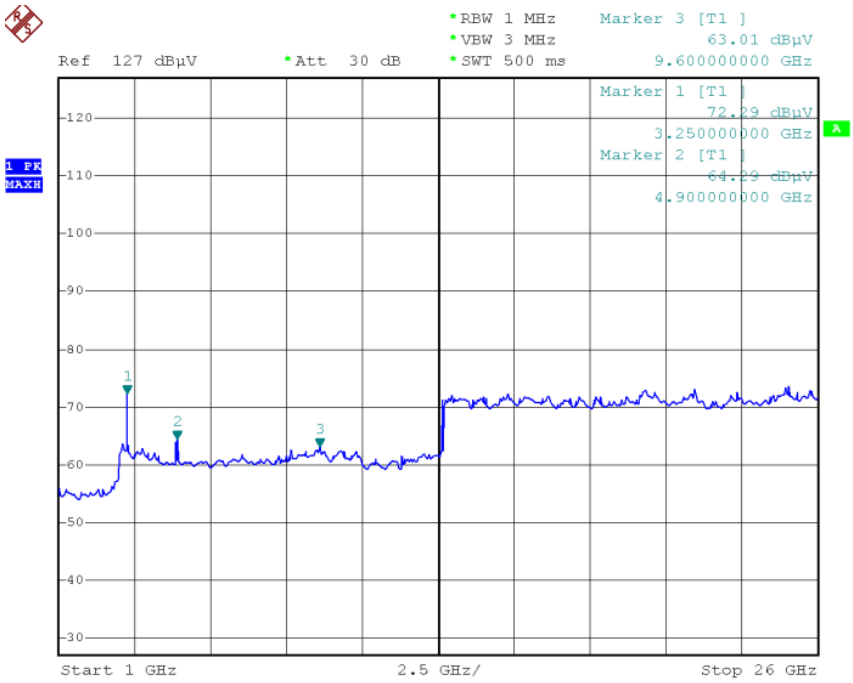
Channel 03 (2422MHz)



Channel 06 (2437MHz)

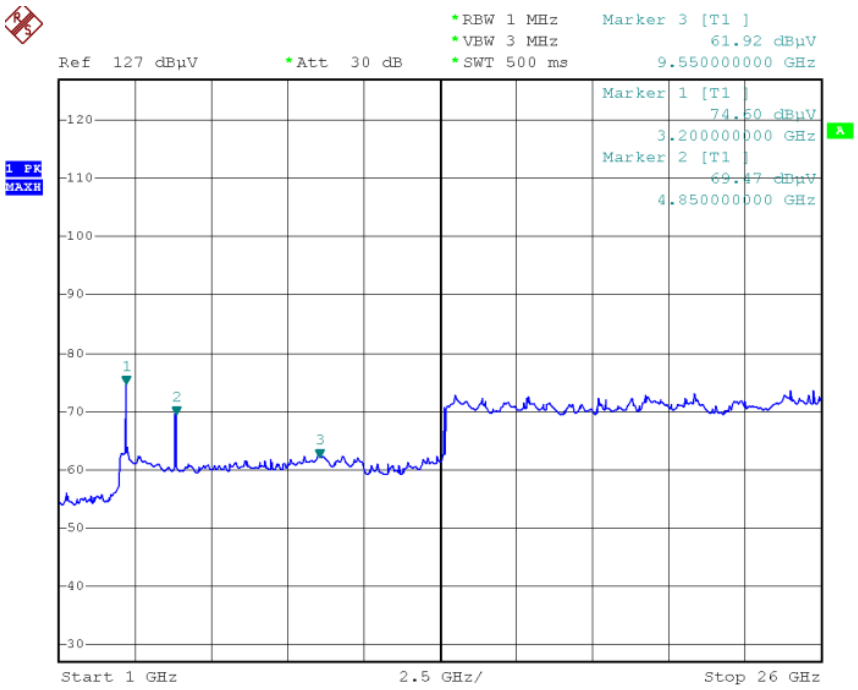


Channel 09 (2452MHz)

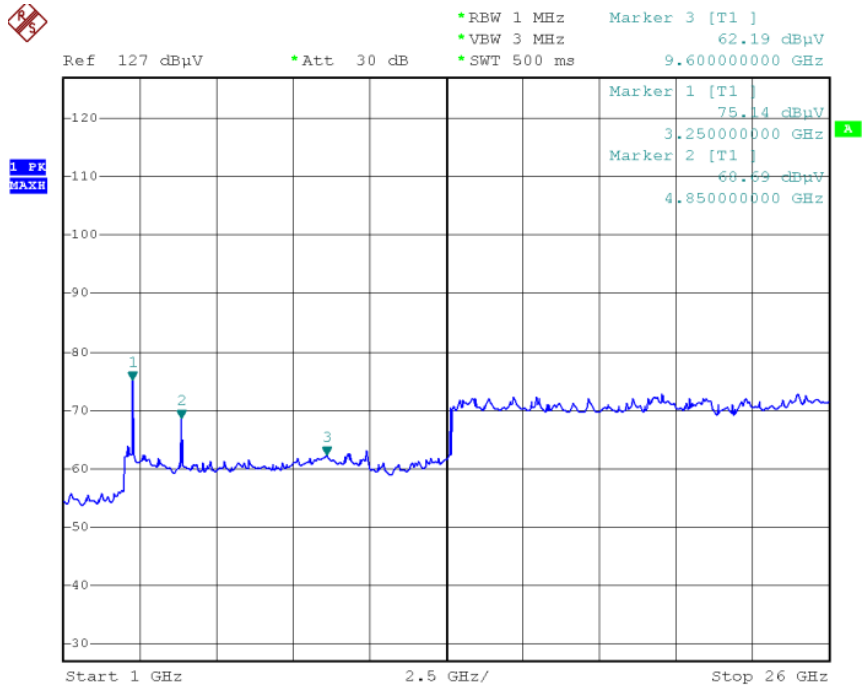


Test Item	RF Antenna Conducted Spurious
Test Mode	Mode 4: Transmit by 802.11n (40MHz) (An1)
Test Date	2010-09-25

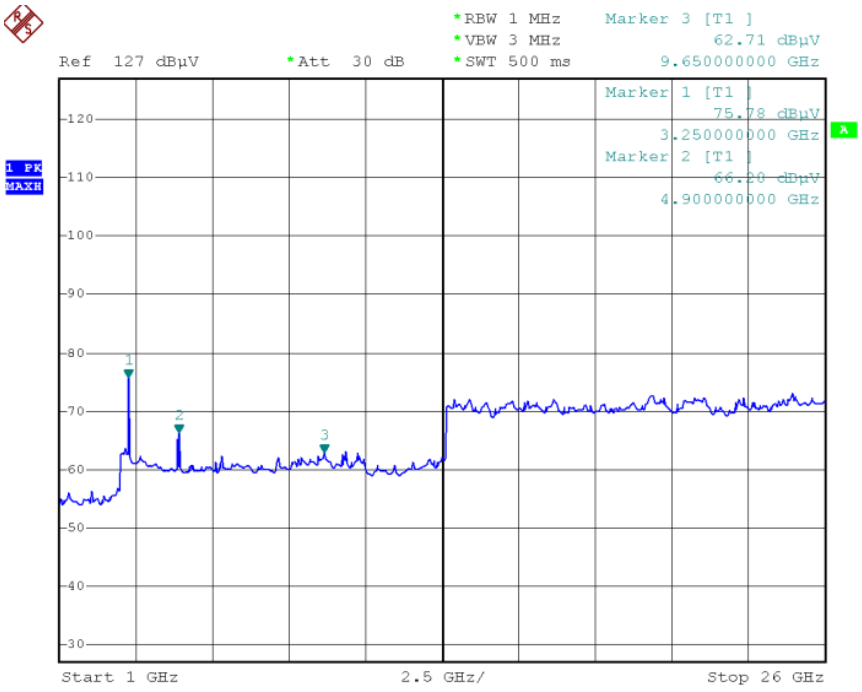
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



9. Power Spectral Density

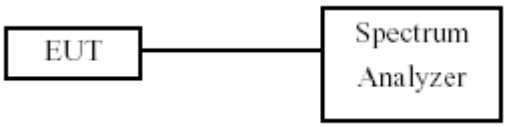
9.1. Test Limit

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≧ 9 kHz, Sweep time=Auto, Set detector=Peak detector.

9.3. Test Setup Layout



9.4. Measurement Equipment

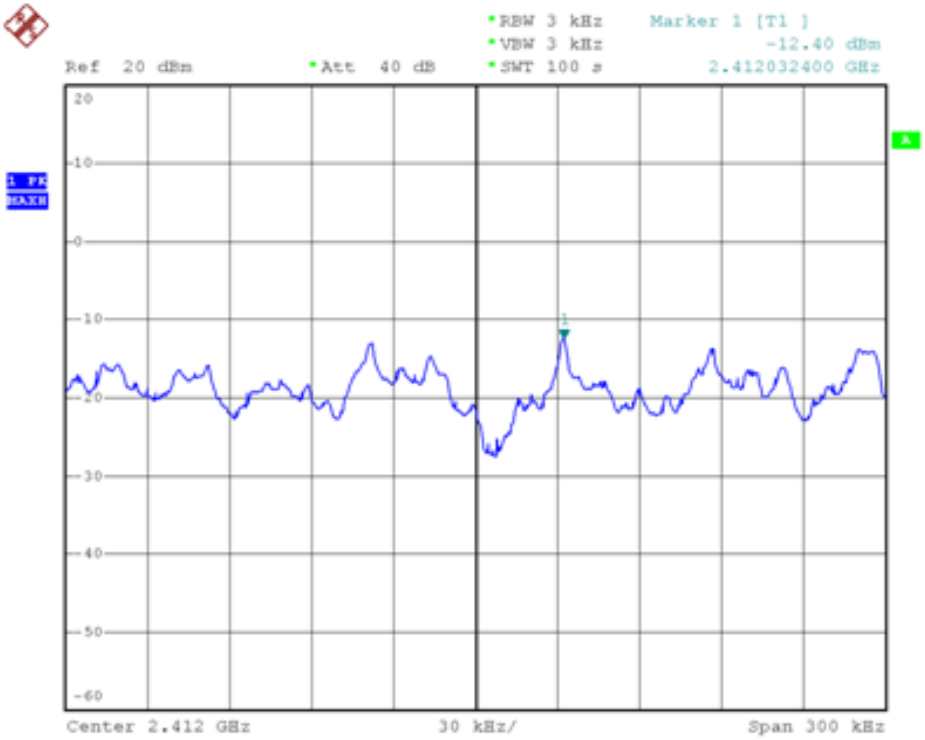
Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17

9.5. Test Result and Data

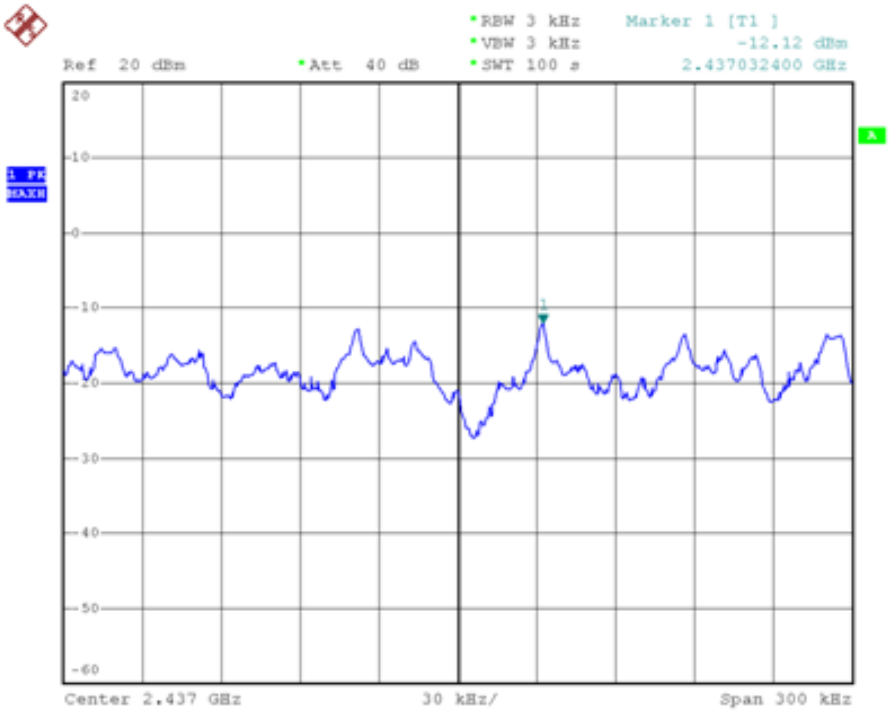
Test Item	Power Spectral Density
Test Mode	Mode 1: Transmit by 802.11b (An0)
Test Date	2010-09-22

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-12.40	8	Pass
06	2437	-12.12	8	Pass
11	2462	-12.21	8	Pass

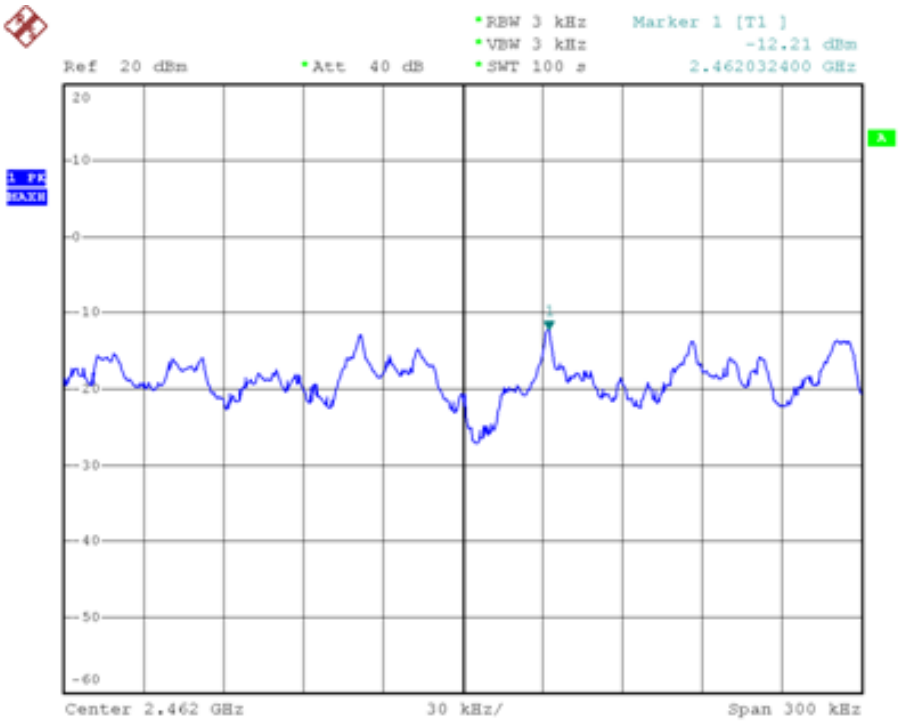
Channel 01 (2412MHz)



Channel 06 (2437MHz)



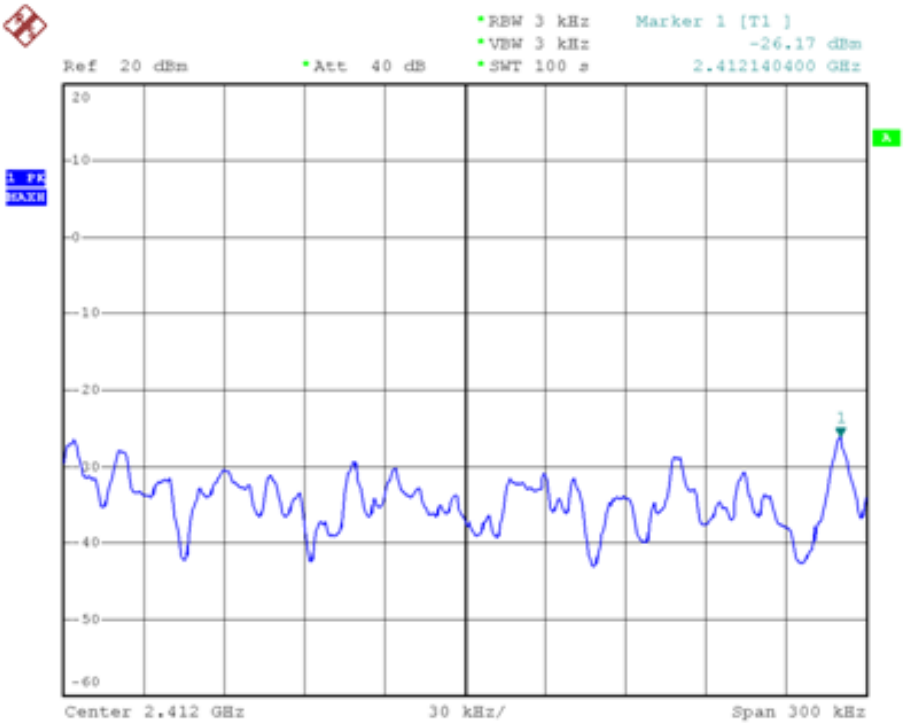
Channel 11 (2462MHz)



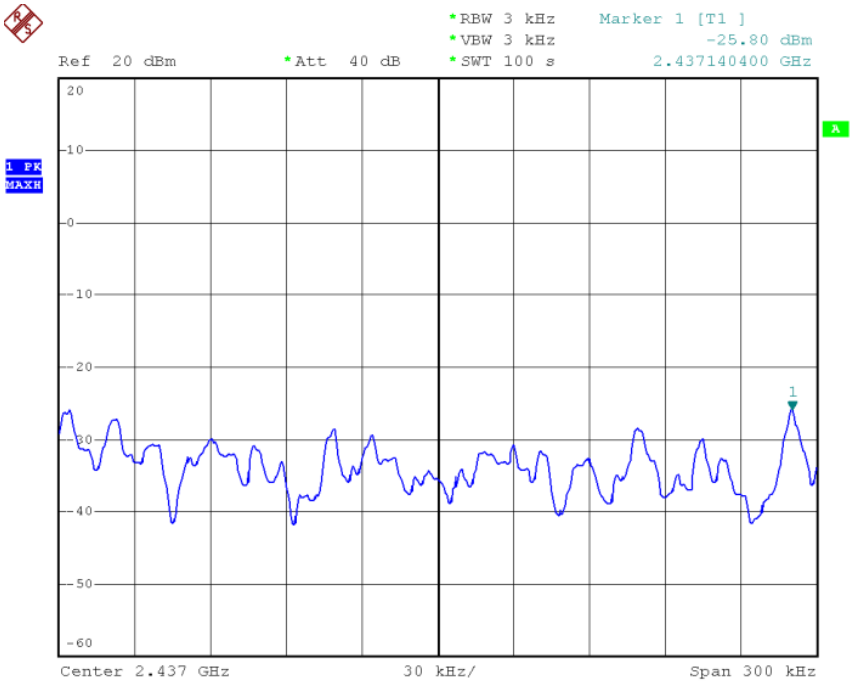
Test Item	Power Spectral Density
Test Mode	Mode 2: Transmit by 802.11g (An0)
Test Date	2010-09-22

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-26.17	8	Pass
06	2437	-25.80	8	Pass
11	2462	-25.82	8	Pass

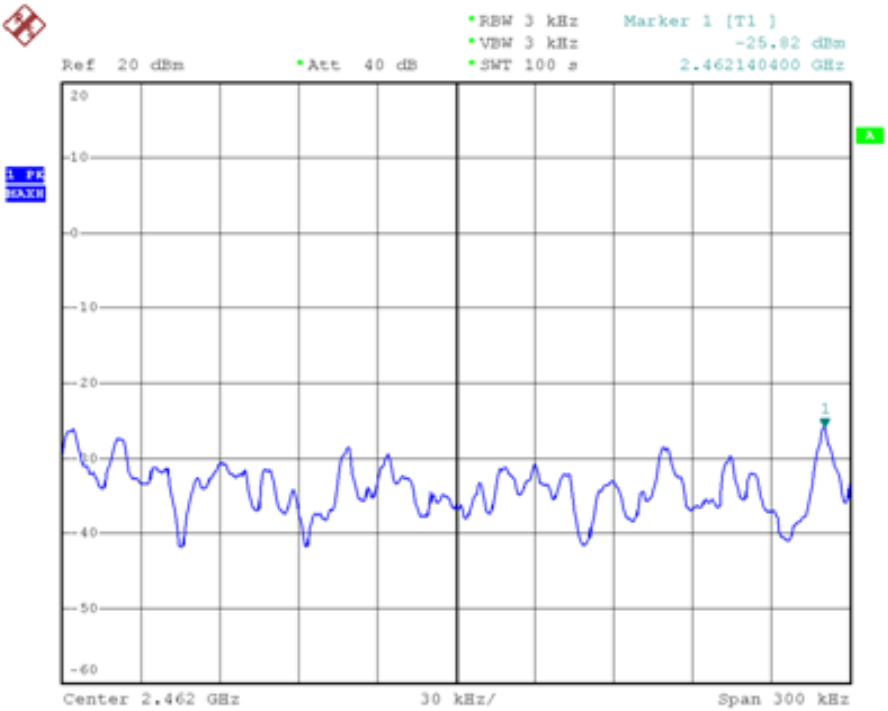
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



Test Item	Power Spectral Density
Test Mode	Mode 3: Transmit by 802.11n（20MHz）(An0 and An1)
Test Date	2010-09-22

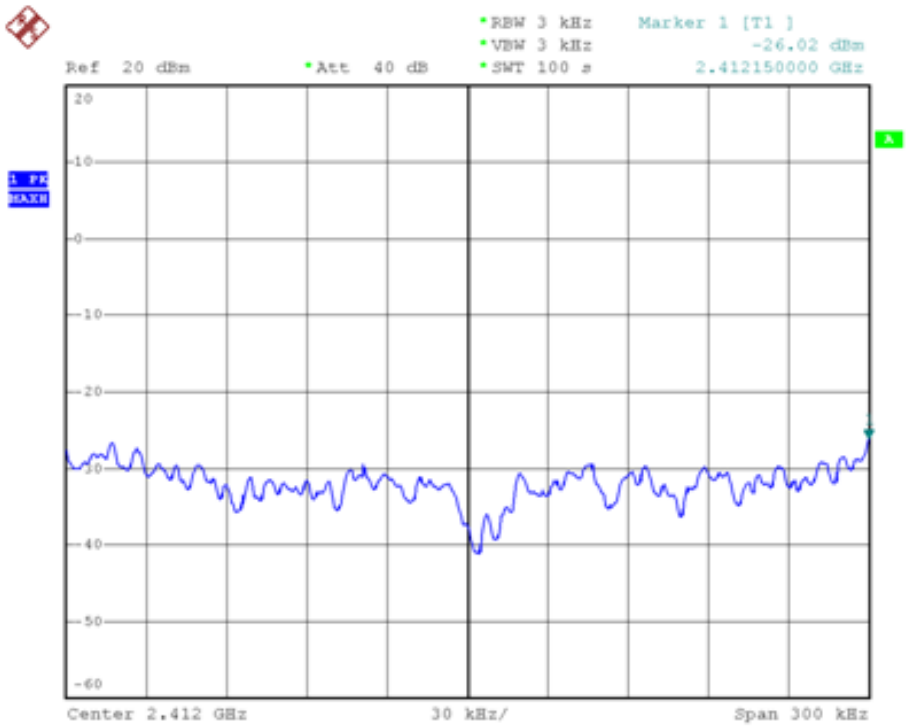
An0:

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-26.02	8	Pass
06	2437	-25.78	8	Pass
11	2462	-25.57	8	Pass

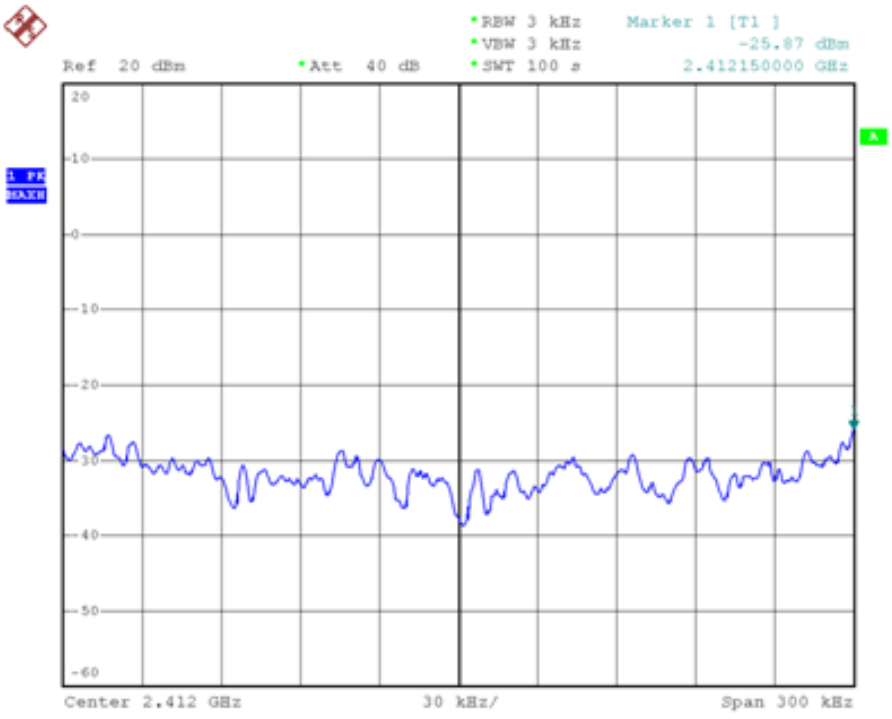
An1:

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-25.87	8	Pass
06	2437	-26.39	8	Pass
11	2462	-26.90	8	Pass

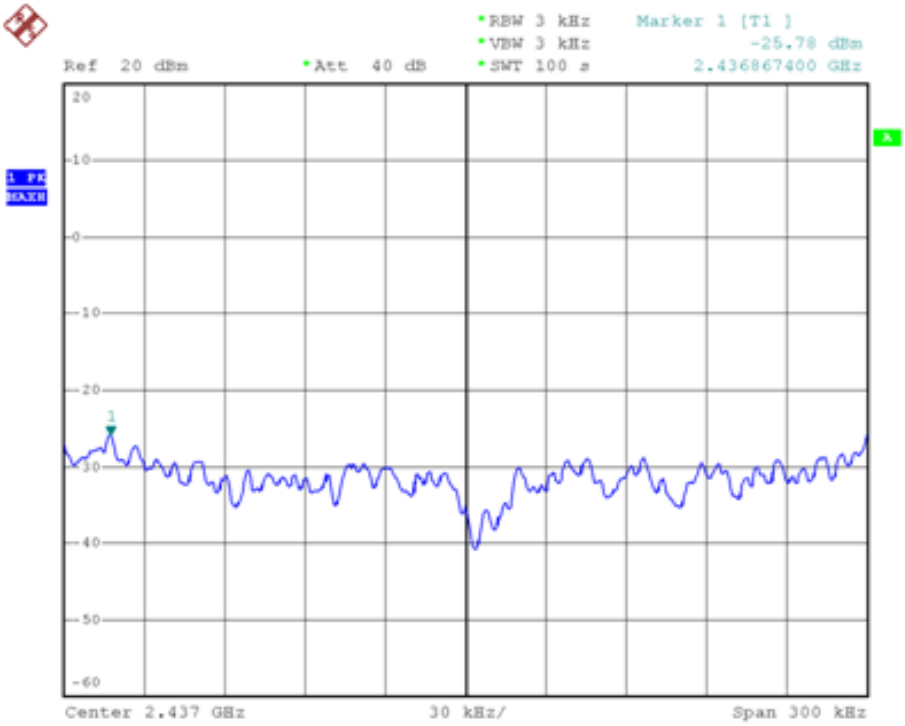
Channel 01 (2412MHz) (An0)



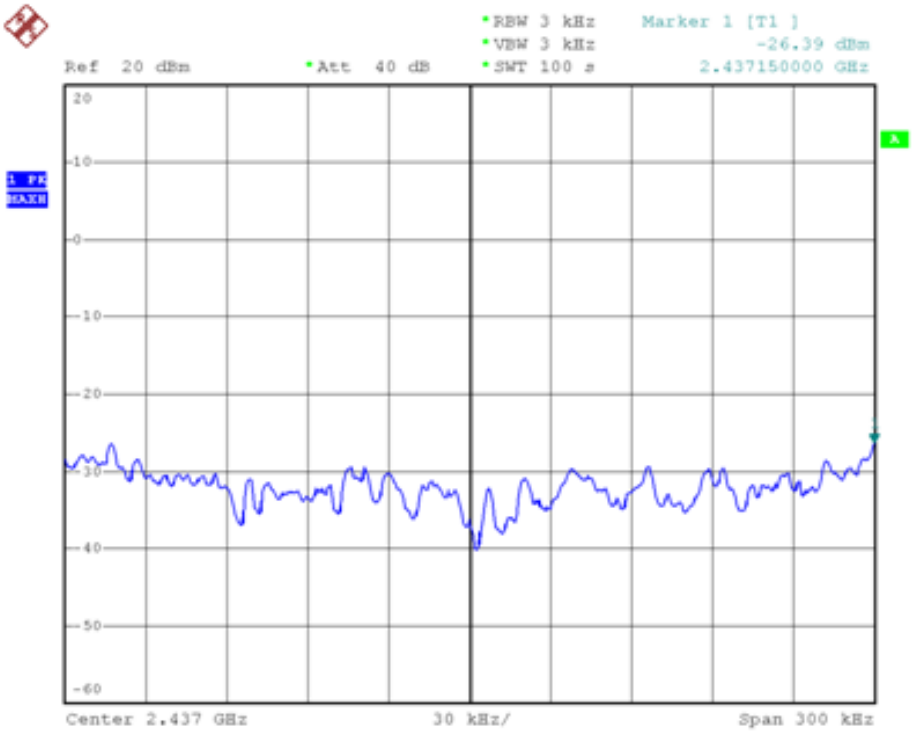
Channel 01 (2412MHz) (An1)



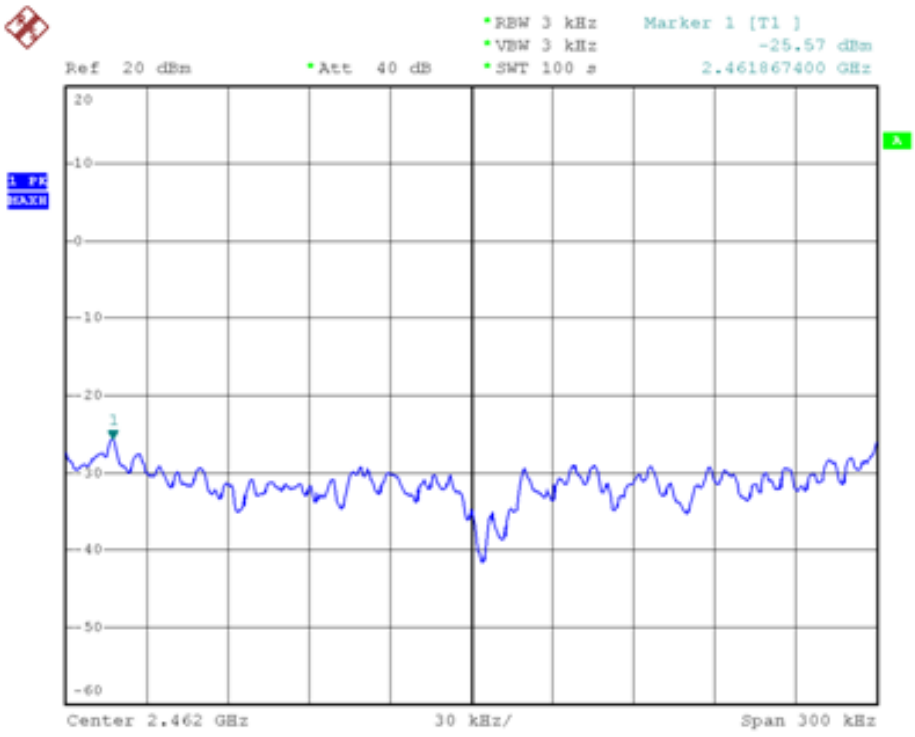
Channel 06 (2437MHz) (An0)



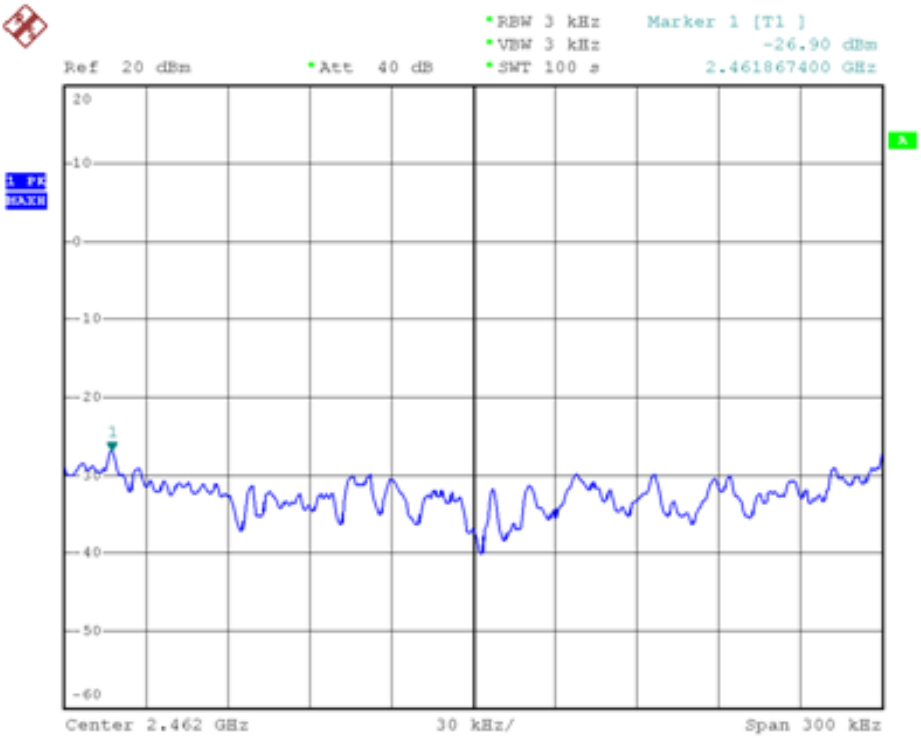
Channel 06 (2437MHz) (An1)



Channel 11 (2462MHz) (An0)



Channel 11 (2462MHz) (An1)



Test Item	Power Spectral Density
Test Mode	Mode 4: Transmit by 802.11n（40MHz）(An0 and An1)
Test Date	2010-09-22

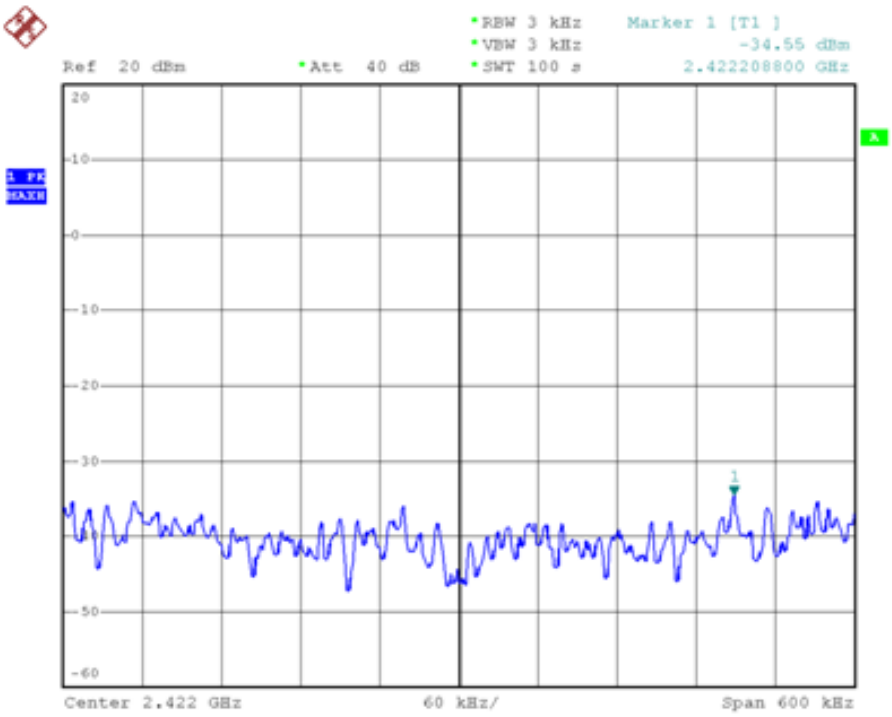
An0:

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
03	2422	-34.55	8	Pass
06	2437	-33.96	8	Pass
09	2452	-33.60	8	Pass

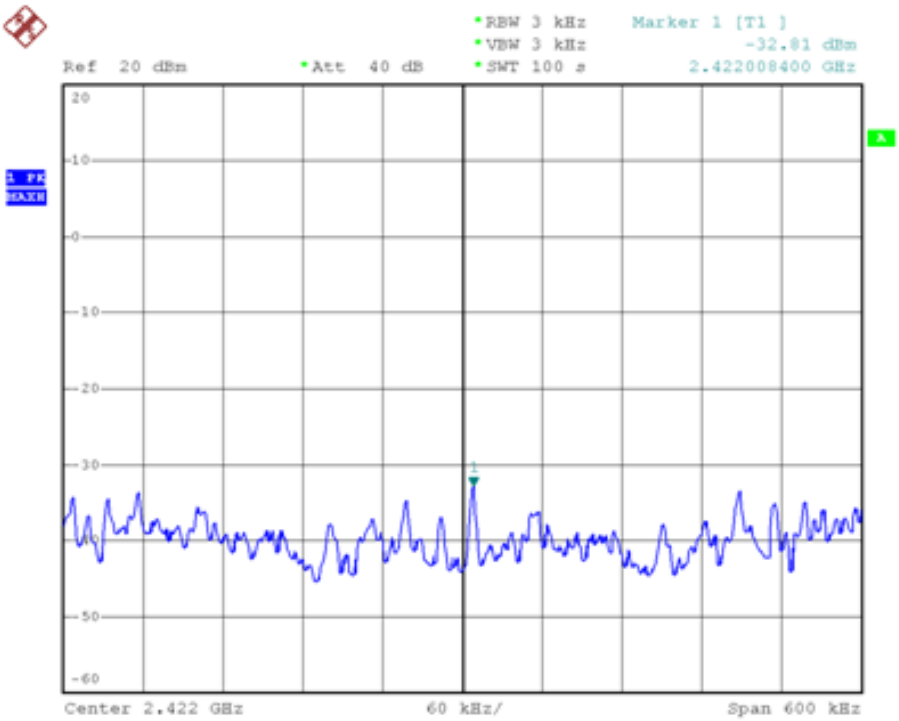
An1:

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
03	2422	-32.81	8	Pass
06	2437	-32.64	8	Pass
09	2452	-32.43	8	Pass

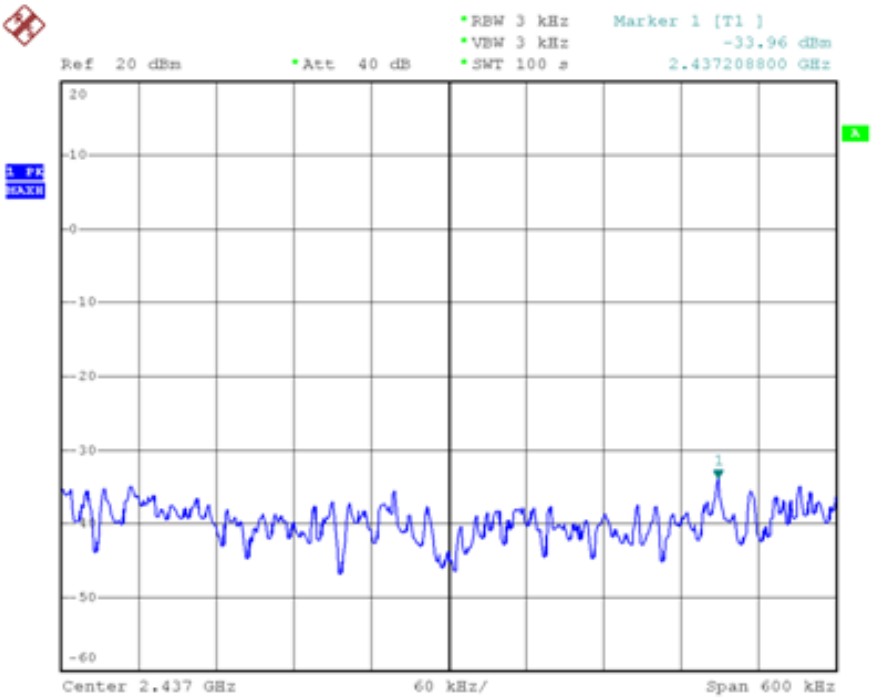
Channel 03 (2422MHz) (An0)



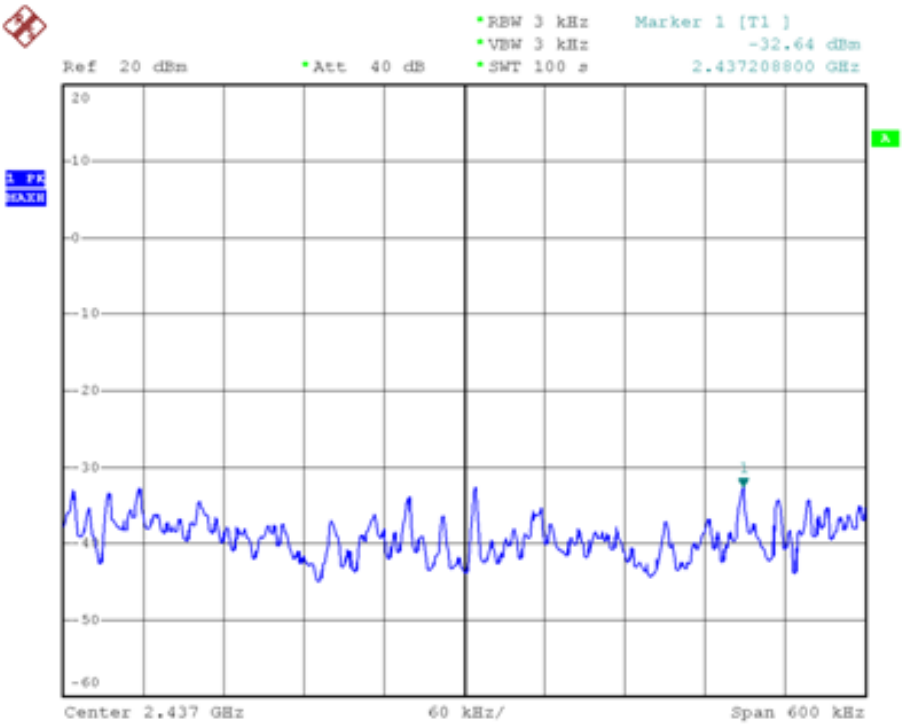
Channel 03 (2422MHz) (An1)



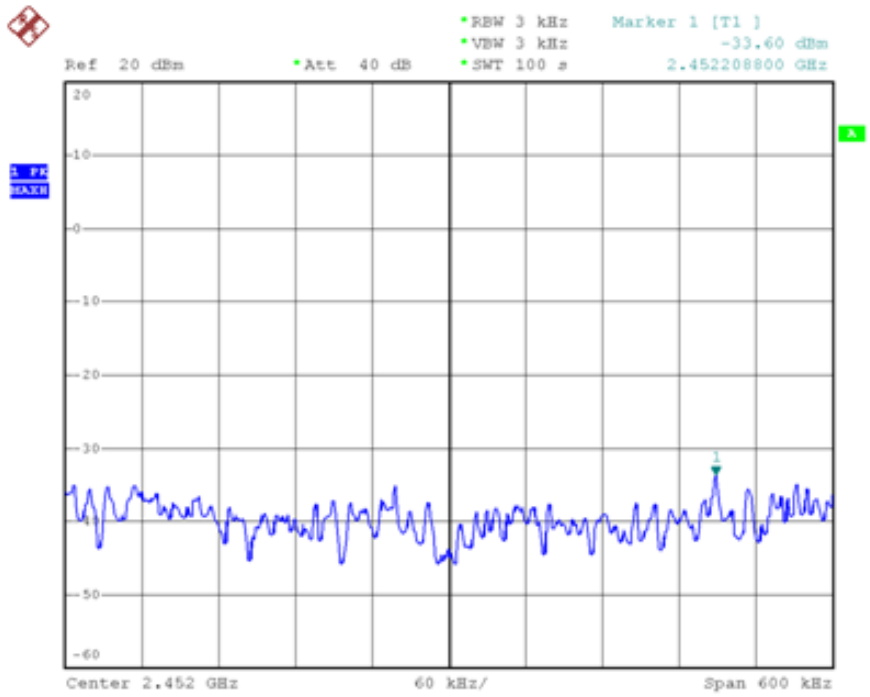
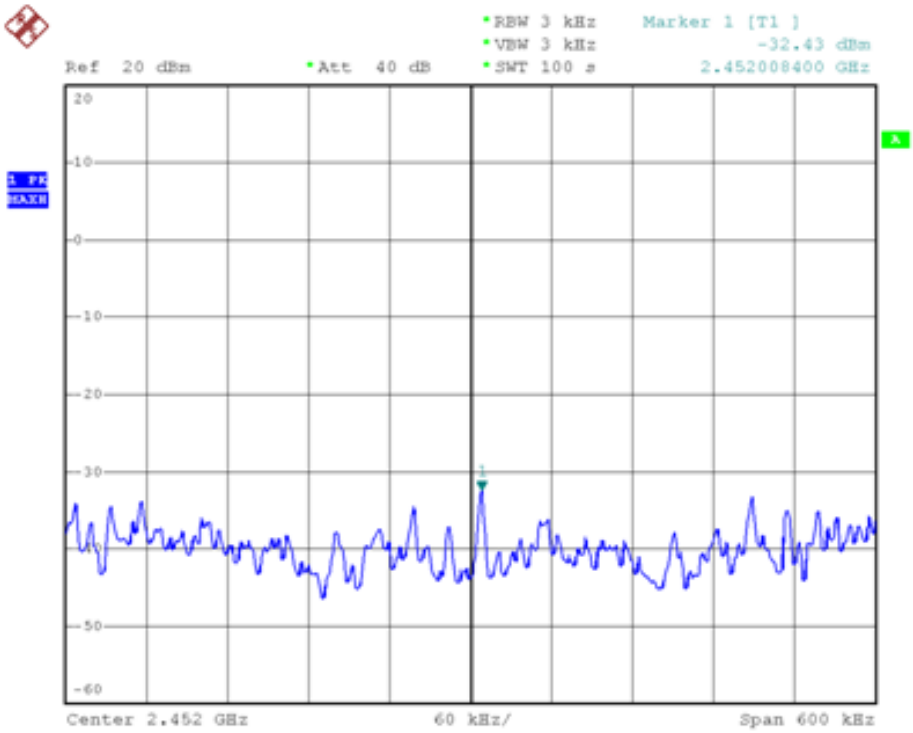
Channel 06 (2437MHz) (An0)



Channel 06 (2437MHz) (An1)



Channel 09 (2452MHz) (An0)



Channel 09 (2452MHz) (An1)