Test Report

Product Name ： Wireless Access Point

Model No. ： ZG-7600H, ZG-7600H-P

FCC ID ： UDKZG7600HPAH

Applicant ： Nanjing Z-COM Wireless Co., Ltd

Address ： 168 Long Pan Zhong Road, Jiangsu Software Park,
Suite 118 Nanjing, China

Date of Receipt ： 2008/02/18

Issued Date ： 2008/04/09

Report No. ： 083S004-RF-US-P05V01

Test Report Certification

Issued Date : 2008/04/09
Report No. : 083S004-RF-US-P05V01

QuieTek

Product Name	:	Wireless Access Point
Applicant	:	Nanjing Z-COM Wireless Co., Ltd
Address	:	168 Long Pan Zhong Road, Jiangsu Software Park, Suite 118 Nanjing, China
Manufacturer	:	Nanjing Z-COM Wireless Co., Ltd
Model No.	:	ZG-7600H, ZG-7600H-P
FCC ID	:	UDKZG7600HPAH
Rated Voltage	:	AC 120 V / 60 Hz
EUT Voltage	:	DC 5.0V
Trade Name	:	ZDC
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart C: 2007 ANSI C63.4: 2003
Test Result	:	Complied
Performed Location	:	SuZhou EMC laboratory No.99 Hongye Rd., Suzhou Industrial Park Loufeng Hi-Tech Development Zone., SuZhou, China TEL: +86-512-6251-5088 / FAX: +86-512-6251-5098 FCC Registration Number: 800392

Documented By : kayla kan

(Kayla Kan)

Reviewed By : Dream Cao

(Dream Cao)

Approved By :

(Murphy Wang)

Laboratory Information

We , **QuieTek Corporation**, are an independent EMC and safety consultancy that was established the whole facility in our laboratories. The test facility has been accredited by the following accreditation Bodies in compliance with ISO 17025, EN 45001 and Guide 25:

Taiwan R.O.C.	**:**	**BSMI, DGT, CNLA**
Germany	**:**	**TUV Rheinland**
Norway	**:**	**Nemko, DNV**
USA	**:**	**FCC, NVLAP**
Japan	**:**	**VCCI**

The related certificate for our laboratories about the test site and management system can be downloaded from QuieTek Corporation's Web Site : http://tw.quietek.com/modules/myalbum/
The address and introduction of QuieTek Corporation's laboratories can be founded in our Web site : http://www.quietek.com/
If you have any comments, Please don't hesitate to contact us. Our contact information is as below:

HsinChu Testing Laboratory :
No.75-2, 3rd Lin, Wangye Keng, Yonghxing Tsuen, Qionglin Shiang, Hsinchu County 307, Taiwan, R.O.C.
TEL:+886-3-592-8858 / FAX:+886-3-592-8859 E-Mail : service@quietek.com

NVLAP Lab Code : 200347-0
1313

LinKou Testing Laboratory :
No. 5, Ruei-Shu Valley, Ruei-Ping Tsuen, Lin-Kou Shiang, Taipei, Taiwan, R.O.C.
TEL : +886-2-8601-3788 / FAX : 886-2-8601-3789 E-Mail : service@quietek.com

NVLAP Lab Code: 200533-0
0914

Suzhou Testing Laboratory :
No.99 Hongye Rd., Suzhou Industrial Park Loufeng Hi-Tech Development Zone., SuZhou, China
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NVLAP Lab Code : 200743-0
1596

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1. General Information

1.1. EUT Description

Product Name	Wireless Access Point
Trade Name	ZDC
Model No.	ZG-7600H, ZG-7600H-P
FCC ID	UDKZG7600HPAH
Working Voltage	AC 120V/50Hz
Frequency Range	2412 - 2462 MHz
Channel Number	802.11b/g/Super g: 11
	802.11 Turbo g: 1
Type of Modulation	802.11b: DSSS
	802.11g/Super g/Turbo g: OFDM
Data Rate	802.11b: 1/2/5.5/11 Mbps
	802.11g/Super g: 6/9/12/18/24/36/48/54 Mbps
	802.11 Turbo g: 12/18/24/36/48/72/96/108 Mbps
Channel Control	Auto
Antenna Type	Dipole
Antenna Gain	5dBi

Content	ZG-7600H	ZG-7600H-P
Hardware	No Power Commutator	Power Commutator
Power Supply	DC 12V/ 1.25A	DC 12V/ 1.25A and POE

Component	
Power Supply (ZG-7600H)	Manufacturer: DVE M/N: DSA-15P-12 US 120 150 Input: 100-240V, 50/60Hz, 0.5A Output: 12VDC, 1.25A Cable Out: Non-Shielded, 1.2m with one ferrite core bonded
Power Supply (ZG-7600H-P)	Manufacturer: DVE M/N: DSA-15P-12 US 120 150 Input: 100-240v, 50/60Hz, 0.5A Output: 12VDC, 1.25A Cable Out: Non-Shielded, 1.2m with one ferrite core bonded
DVE Switching Adapter (ZG-7600H-P)	Manufacturer: DVE Model: DSA-0421S-50 1

	Input: 100-240V AC, 50/60Hz, 1.2A Output: 48V, 0.83A DC-Injector Electrical Wire
DC-Injector (ZG-7600H-P)	Manufacturer: Nanjing Z-COM Wireless Co., Ltd Model: ZA/ZG-5000 Cable Commutator

802.11b/g Antenna List

No.	Manufacturer	Model No.	Peak Gain
1	WANSHIH	ANT 2.4G dipole NETAEAR	5dBi

802.11b/g/Super g Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
01	2412 MHz	02	2417 MHz	03	2422 MHz	04	2427 MHz
05	2432 MHz	06	2437 MHz	07	2442 MHz	08	2447 MHz
09	2452 MHz	10	2457 MHz	11	2462 MHz	--	--

Note: 802.11 Turbo g has only the middle channel of 2437MHz.

1.2. Mode of Operation

QuieTek has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Test Mode
Mode 1: Transmit by 802.11b
Mode 2: Transmit by 802.11g
Mode 3: Transmit by 802.11 Super g
Mode 4: Transmit by 802.11 Turbo g

Note:

1. Regards to the frequency band operation: the lowest、middle and highest frequency of channel were selected to perform the test, then shown on this report.
2. This device is a composite device in accordance with Part 15 Subpart B regulations. The function for the receiver was measured and made a test report that the report number is 083S004-IT-US-P01V02, certified under Declaration of Conformity.

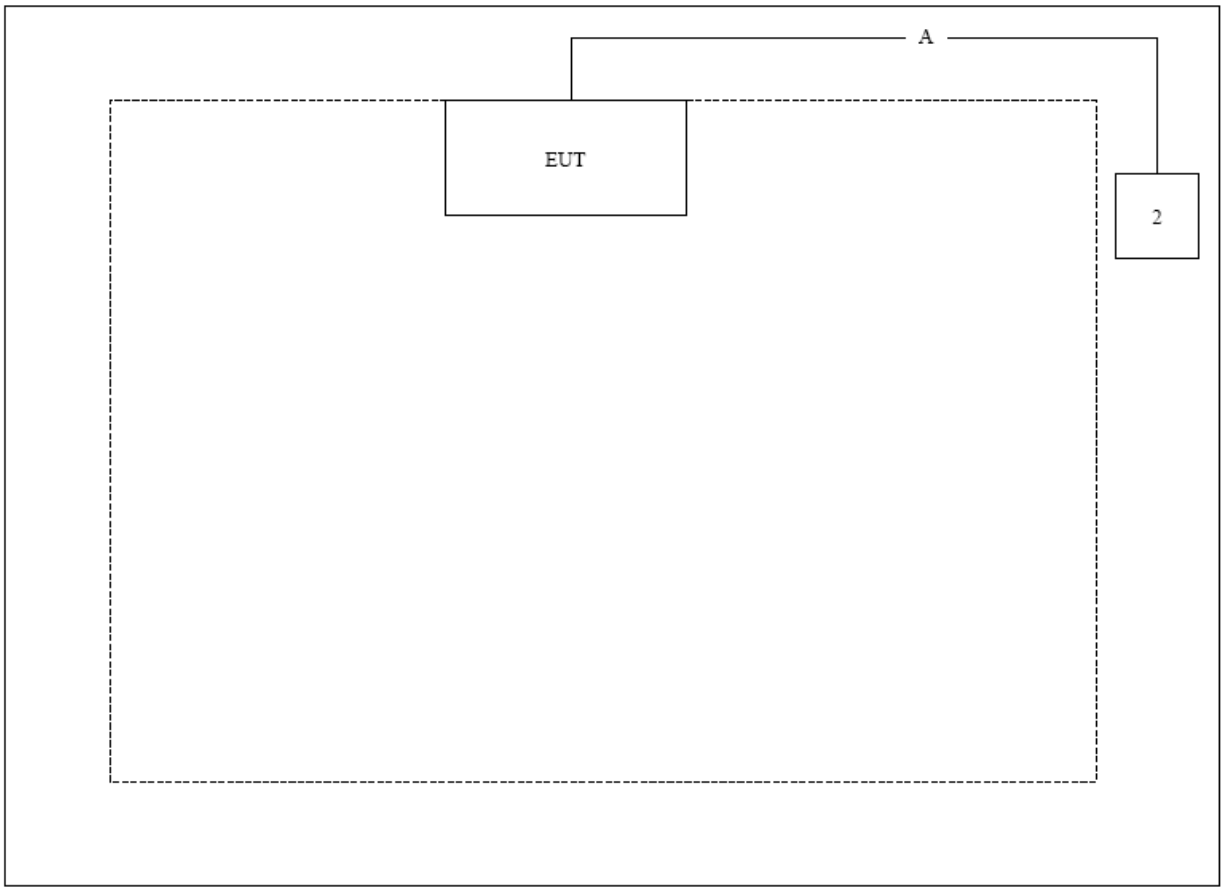
1.3. Tested System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product		Manufacturer	Model No.	Serial No.	Power Cord
2	Notebook	DELL	PP19L	JH097 A01	Power by adapter

1.4. Configuration of Tested System

Connection Diagram



Signal Cable Type		Signal cable Description
A	LAN Cable	Non-Shielded, >10m

1.5. EUT Exercise Software

1	Setup the EUT and simulators as shown on above.
2	Turn on the power of all equipment and simulate.
3	Set EUT work at the continuous transmission mode, using the control software of Putty.exe (Version 0.53b) installed in the notebook.
4	Continuous transmission modes will be tested for 802.11b, g, super g and turbo g.

2. Technical Test

2.1. Summary of Test Result

☒ No deviations from the test standards

☐ Deviations from the test standards as below description:

Performed Test Item	Normative References	Test Performed	Deviation
Conducted Emission	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.207	Yes	No
Radiated Emission	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.209	Yes	No
RF Antenna Conducted Spurious	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.247(d)	Yes	No
Radiated Emission Band Edge	FCC CFR Title 47 Part 15 Subpart C: 2007 15.247(d)	Yes	No
Operation Frequency Range of 20dB Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2007 15.215(c)	Yes	No
Occupied Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.247(a)(2)	Yes	No
Power Output	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.247(b)(3)	Yes	No
Power Spectral Density	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.247(e)	Yes	No

2.2. Test Environment

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	21
Humidity (%RH)	25-75	50
Barometric pressure (mbar)	860-1060	950-1000

3. Conducted Emission

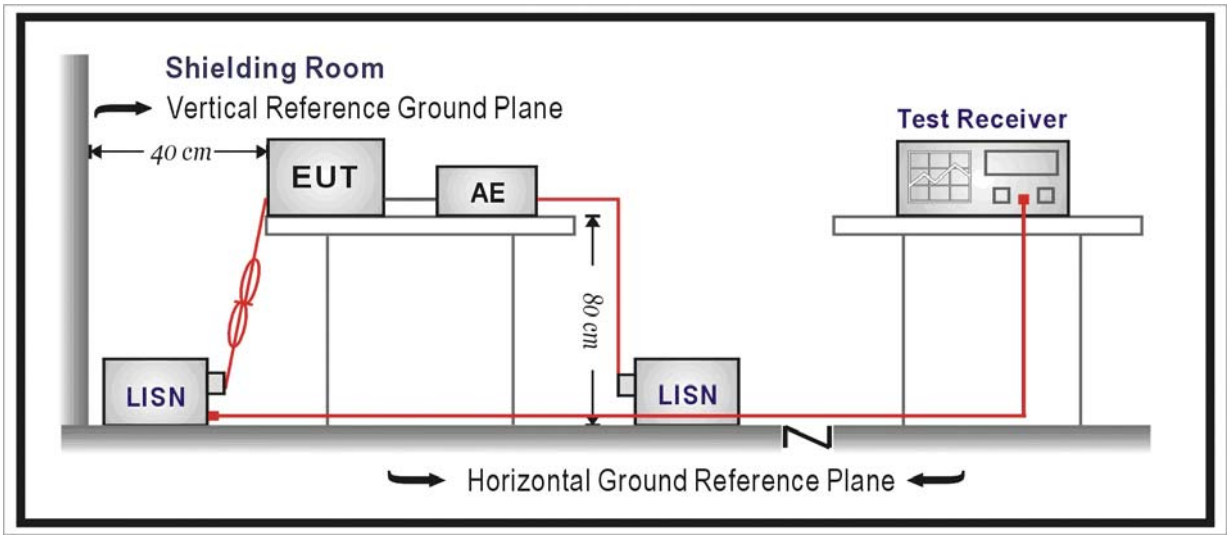
3.1. Test Equipment

Conducted Emission / SR-1

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
EMI Test Receiver	R&S	ESCI	100176	2007/11/15
Two-Line V-Network	R&S	ENV216	100013	2007/11/15
Two-Line V-Network	R&S	ENV216	100014	2007/11/15
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	2007/11/25
50ohm Termination	SHX	TF2	07081401	2007/10/19
Coaxial Cable	Luthi	RG214	519358	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH004	2007/03/31

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

3.2. Test Setup



3.3. Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

3.4. Test Procedure

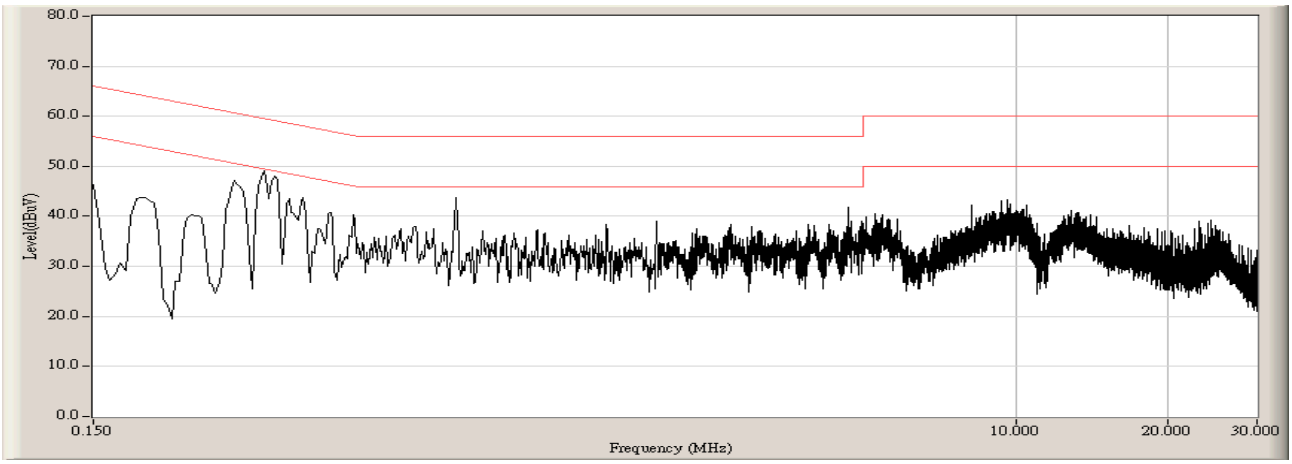
The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane 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.

3.5. Uncertainty

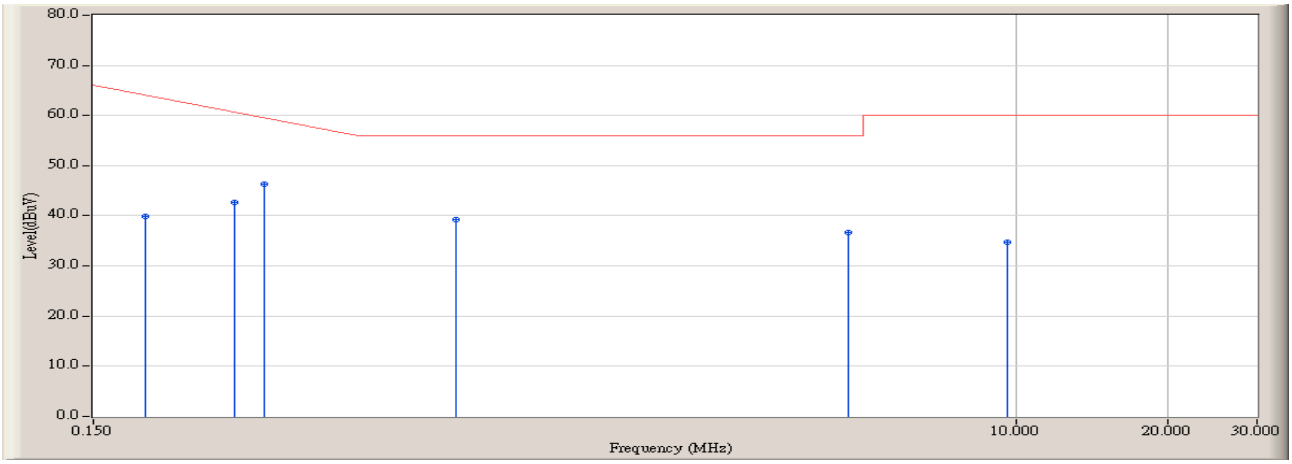
The measurement uncertainty is defined as ± 2.02 dB

3.6. Test Result

Engineer : Marlin	
Site : SR1	**Time : 2008/02/27 - 17:05**
Limit : FCC_Part15.207_00M_QP	**Margin : 10**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100014(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b**



Engineer : Marlin	
Site : SR1	**Time : 2008/02/27 - 17:07**
Limit : FCC_Part15.207_00M_QP	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100014(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b**

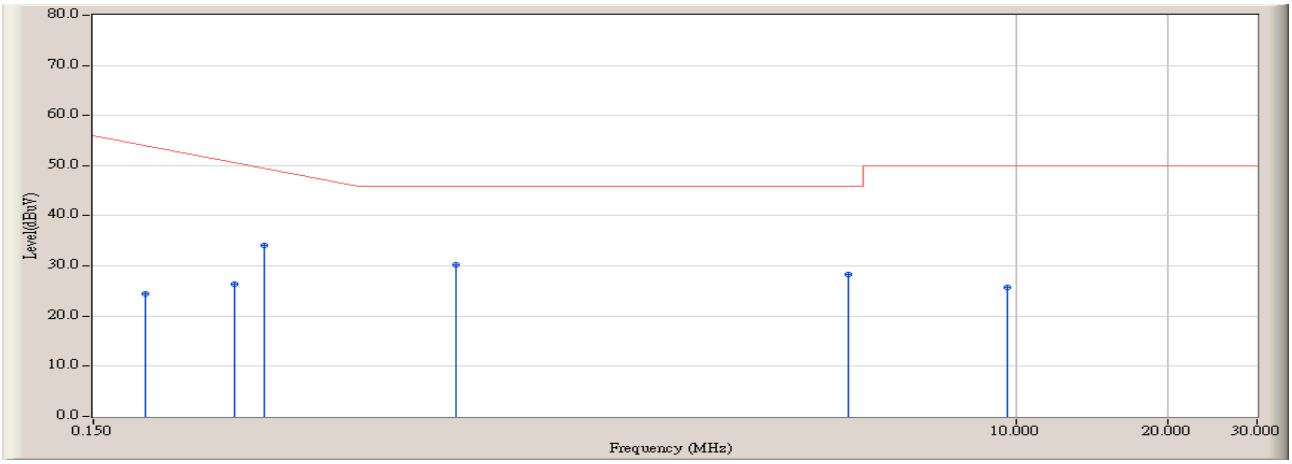


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.190	9.633	30.200	39.833	-25.024	64.857	QUASIPEAK
2		0.286	9.491	33.200	42.690	-19.424	62.114	QUASIPEAK
3	*	0.326	9.521	36.900	46.421	-14.550	60.971	QUASIPEAK
4		0.782	9.690	29.600	39.290	-16.710	56.000	QUASIPEAK
5		4.674	9.860	26.800	36.660	-19.340	56.000	QUASIPEAK
6		9.630	9.880	24.800	34.680	-25.320	60.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : SR1	**Time : 2008/02/27 - 17:07**
Limit : FCC_Part15.207_00M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100014(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b**

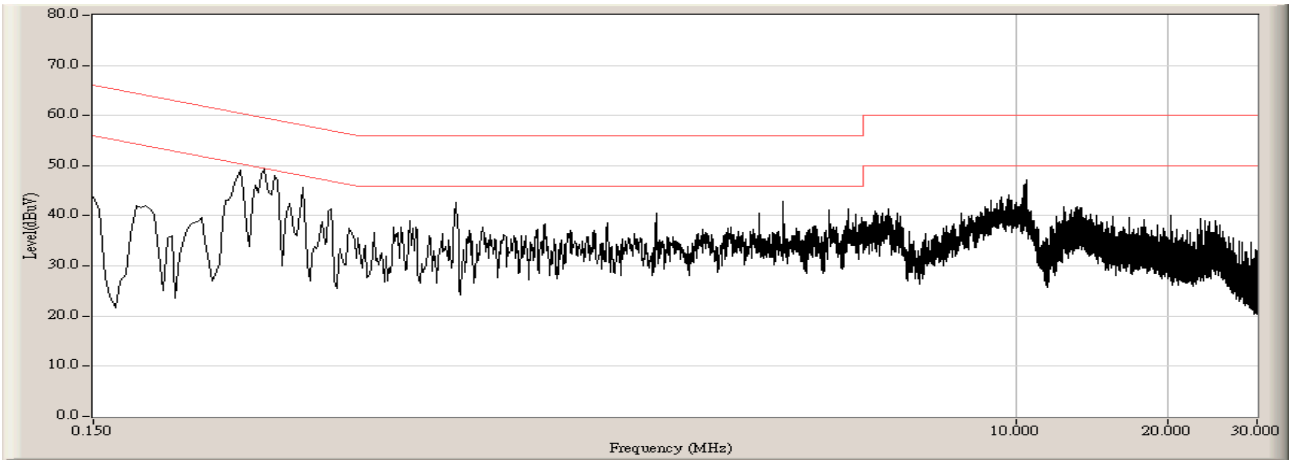


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.190	9.633	14.900	24.533	-30.324	54.857	AVERAGE
2		0.286	9.491	16.800	26.290	-25.824	52.114	AVERAGE
3		0.326	9.521	24.500	34.021	-16.950	50.971	AVERAGE
4	*	0.782	9.690	20.500	30.190	-15.810	46.000	AVERAGE
5		4.674	9.860	18.500	28.360	-17.640	46.000	AVERAGE
6		9.630	9.880	15.800	25.680	-24.320	50.000	AVERAGE

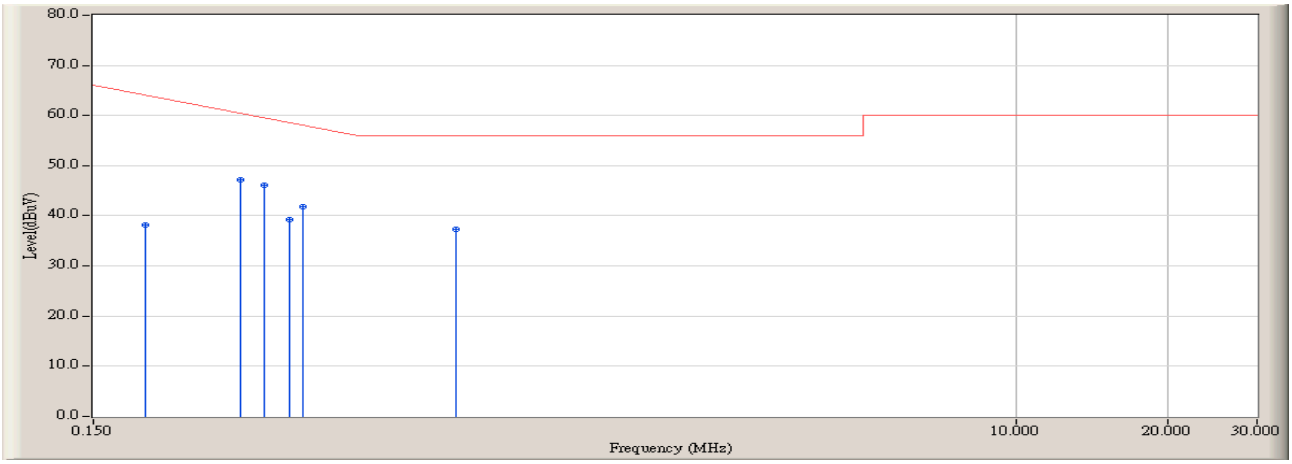
Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : SR1	**Time : 2008/02/27 - 17:11**
Limit : FCC_Part15.207_00M_QP	**Margin : 10**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100014(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b**



Engineer : Marlin	
Site : SR1	**Time : 2008/02/27 - 17:14**
Limit : FCC_Part15.207_00M_QP	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100014(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b**

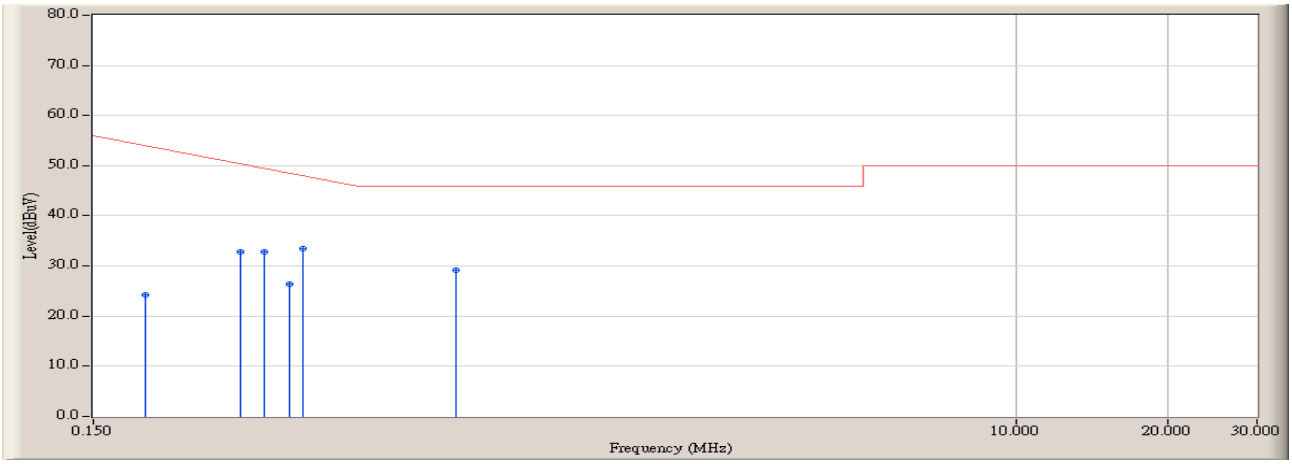


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.190	9.696	28.500	38.196	-26.661	64.857	QUASIPEAK
2	*	0.294	9.598	37.600	47.198	-14.688	61.886	QUASIPEAK
3		0.326	9.600	36.500	46.100	-14.871	60.971	QUASIPEAK
4		0.366	9.609	29.600	39.209	-20.620	59.829	QUASIPEAK
5		0.390	9.610	32.200	41.810	-17.333	59.143	QUASIPEAK
6		0.782	9.770	27.500	37.270	-18.730	56.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : SR1	**Time : 2008/02/27 - 17:14**
Limit : FCC_Part15.207_00M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100014(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b**

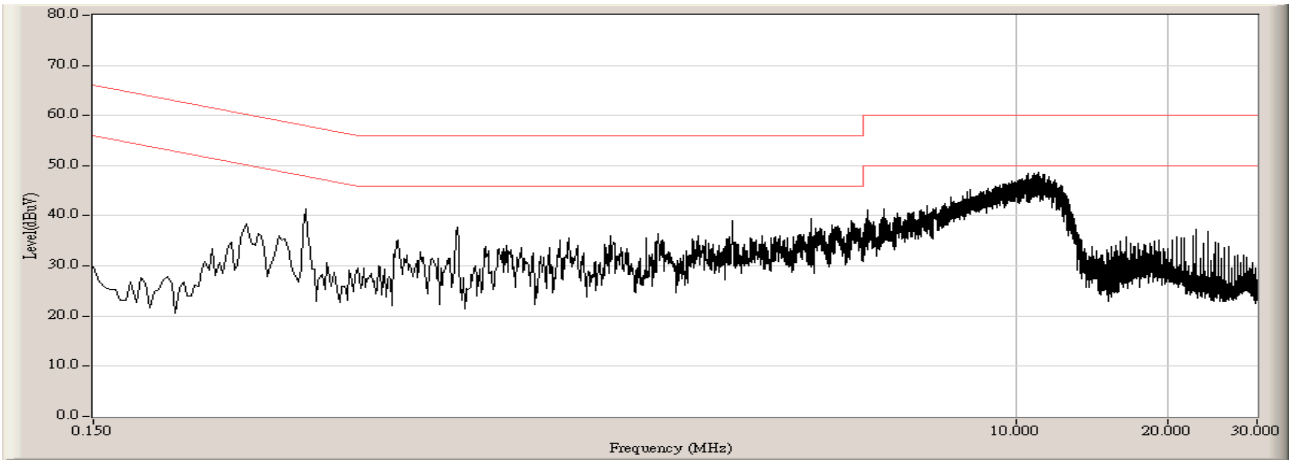


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.190	9.696	14.500	24.196	-30.661	54.857	AVERAGE
2		0.294	9.598	23.300	32.898	-18.988	51.886	AVERAGE
3		0.326	9.600	23.200	32.800	-18.171	50.971	AVERAGE
4		0.366	9.609	16.800	26.409	-23.420	49.829	AVERAGE
5	*	0.390	9.610	23.800	33.410	-15.733	49.143	AVERAGE
6		0.782	9.770	19.500	29.270	-16.730	46.000	AVERAGE

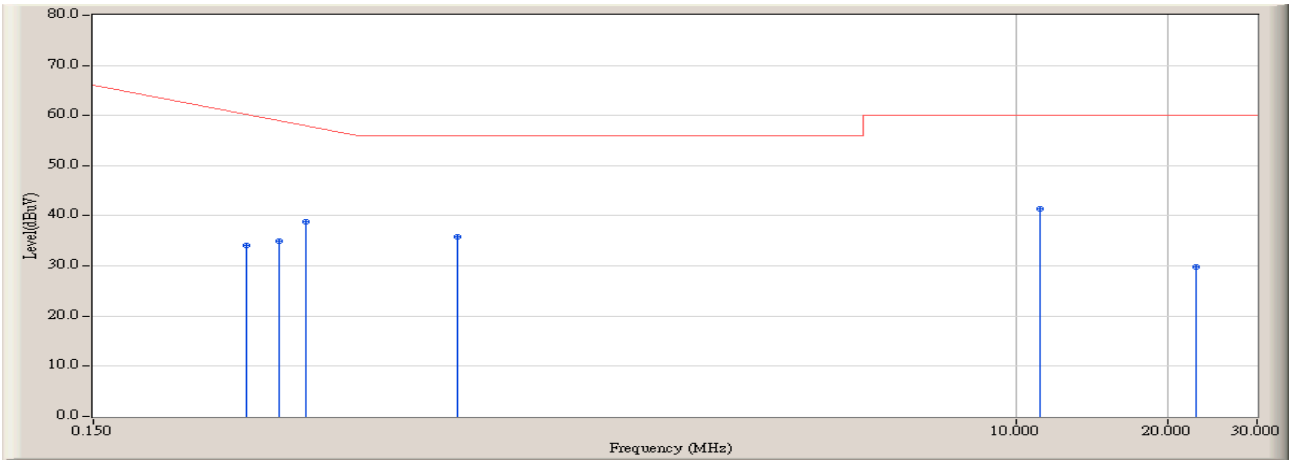
Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : SR1	**Time : 2008/02/27 - 18:00**
Limit : FCC_Part15.207_00M_QP	**Margin : 10**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g**



Engineer : Marlin	
Site : SR1	**Time : 2008/02/27 - 18:02**
Limit : FCC_Part15.207_00M_QP	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g**

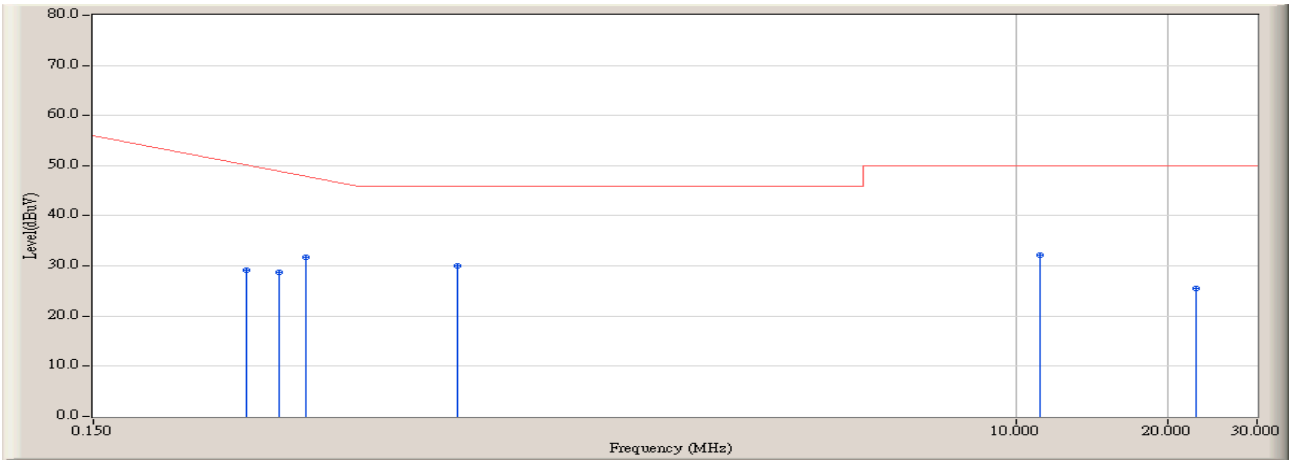


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.302	9.443	24.600	34.043	-27.614	61.657	QUASIPEAK
2		0.350	9.501	25.500	35.001	-25.285	60.286	QUASIPEAK
3		0.394	9.553	29.300	38.853	-20.176	59.029	QUASIPEAK
4		0.786	9.711	26.200	35.911	-20.089	56.000	QUASIPEAK
5	*	11.134	9.940	31.500	41.440	-18.560	60.000	QUASIPEAK
6		22.778	10.300	19.600	29.900	-30.100	60.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : SR1	**Time : 2008/02/27 - 18:02**
Limit : FCC_Part15.207_00M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g**

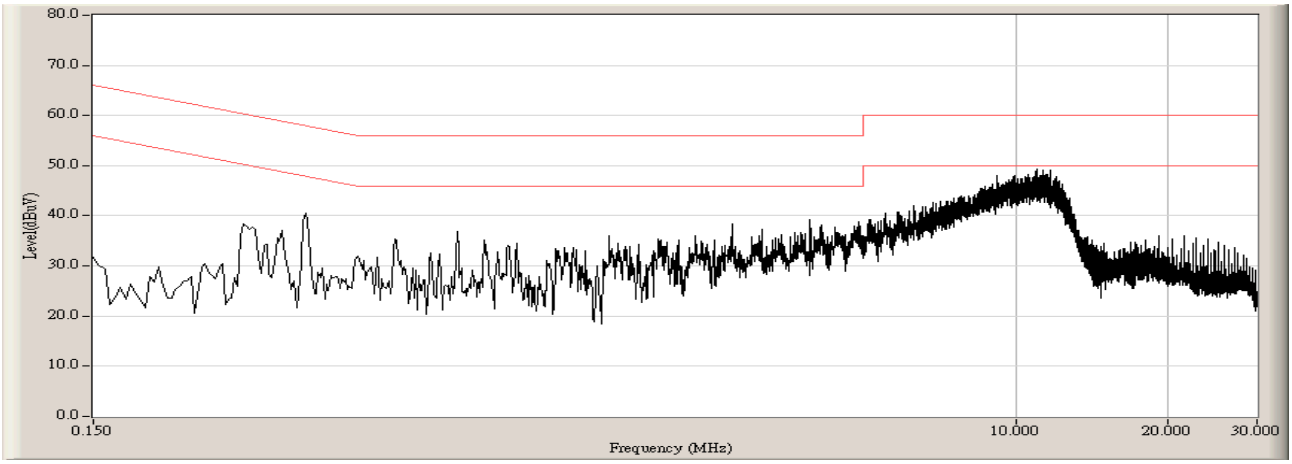


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.302	9.443	19.800	29.243	-22.414	51.657	AVERAGE
2		0.350	9.501	19.300	28.801	-21.485	50.286	AVERAGE
3		0.394	9.553	22.100	31.653	-17.376	49.029	AVERAGE
4	*	0.786	9.711	20.300	30.011	-15.989	46.000	AVERAGE
5		11.134	9.940	22.200	32.140	-17.860	50.000	AVERAGE
6		22.778	10.300	15.200	25.500	-24.500	50.000	AVERAGE

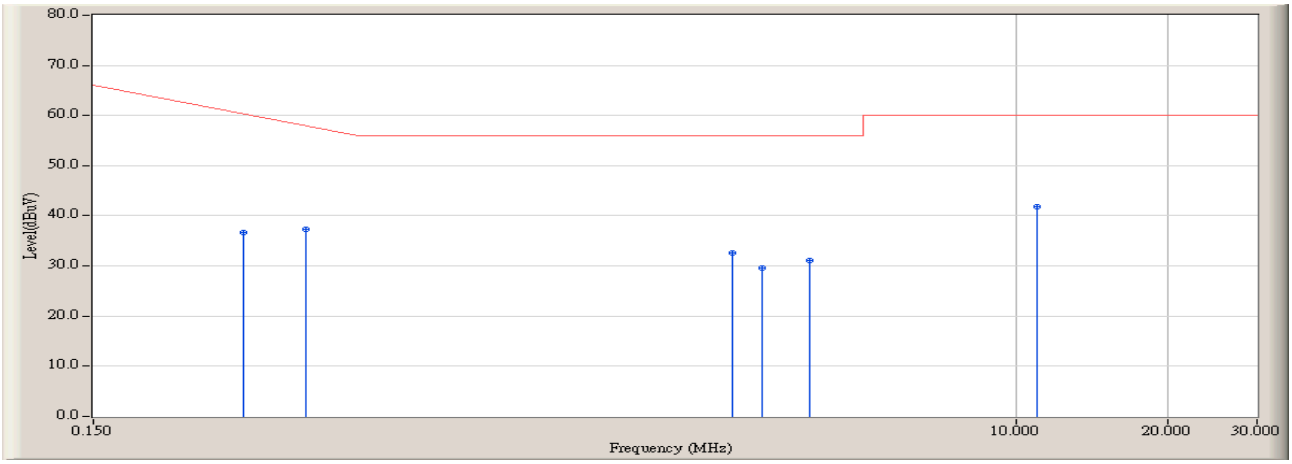
Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : SR1	**Time : 2008/02/27 - 18:07**
Limit : FCC_Part15.207_00M_QP	**Margin : 10**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g**



Engineer : Marlin	
Site : SR1	**Time : 2008/02/27 - 18:08**
Limit : FCC_Part15.207_00M_QP	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g**

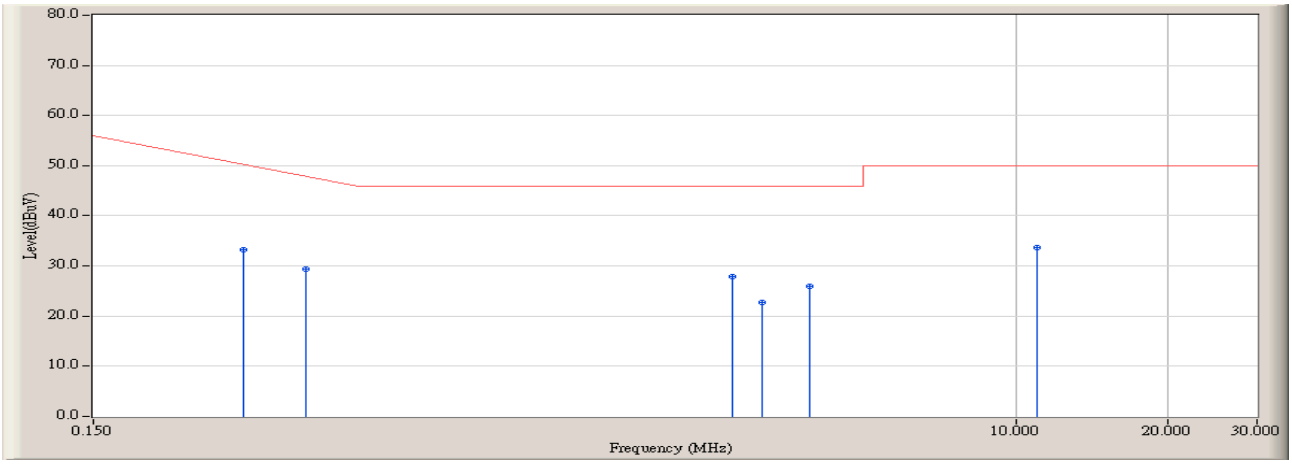


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.298	9.559	27.200	36.759	-25.012	61.771	QUASIPEAK
2		0.394	9.655	27.600	37.255	-21.774	59.029	QUASIPEAK
3		2.750	9.786	22.800	32.586	-23.414	56.000	QUASIPEAK
4		3.146	9.780	19.900	29.680	-26.320	56.000	QUASIPEAK
5		3.926	9.750	21.400	31.150	-24.850	56.000	QUASIPEAK
6	*	10.998	10.010	31.800	41.810	-18.190	60.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : SR1	**Time : 2008/02/27 - 18:08**
Limit : FCC_Part15.207_00M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g**

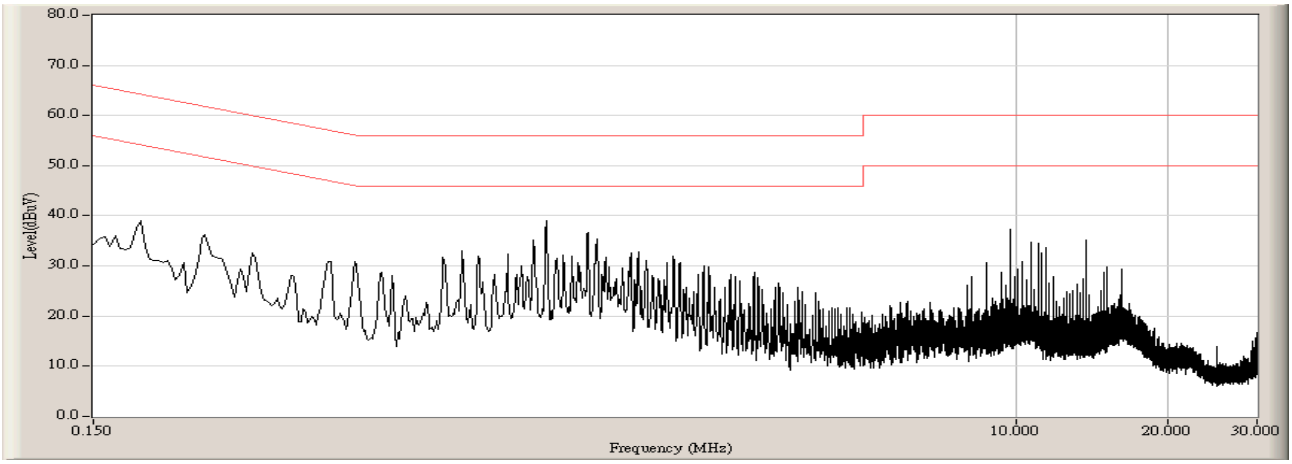


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.298	9.559	23.600	33.159	-18.612	51.771	AVERAGE
2		0.394	9.655	19.800	29.455	-19.574	49.029	AVERAGE
3		2.750	9.786	18.200	27.986	-18.014	46.000	AVERAGE
4		3.146	9.780	12.900	22.680	-23.320	46.000	AVERAGE
5		3.926	9.750	16.300	26.050	-19.950	46.000	AVERAGE
6	*	10.998	10.010	23.600	33.610	-16.390	50.000	AVERAGE

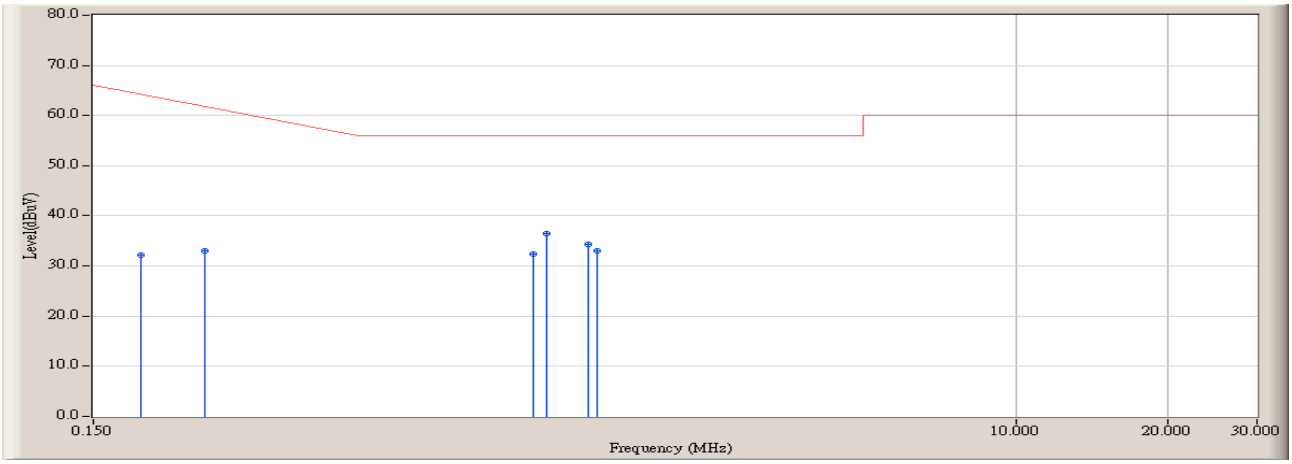
Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : SR1	**Time : 2008/03/26 - 19:49**
Limit : FCC_Part15.207_00M_QP	**Margin : 10**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g**



Engineer : Marlin	
Site : SR1	**Time : 2008/03/26 - 19:51**
Limit : FCC_Part15.207_00M_QP	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g**

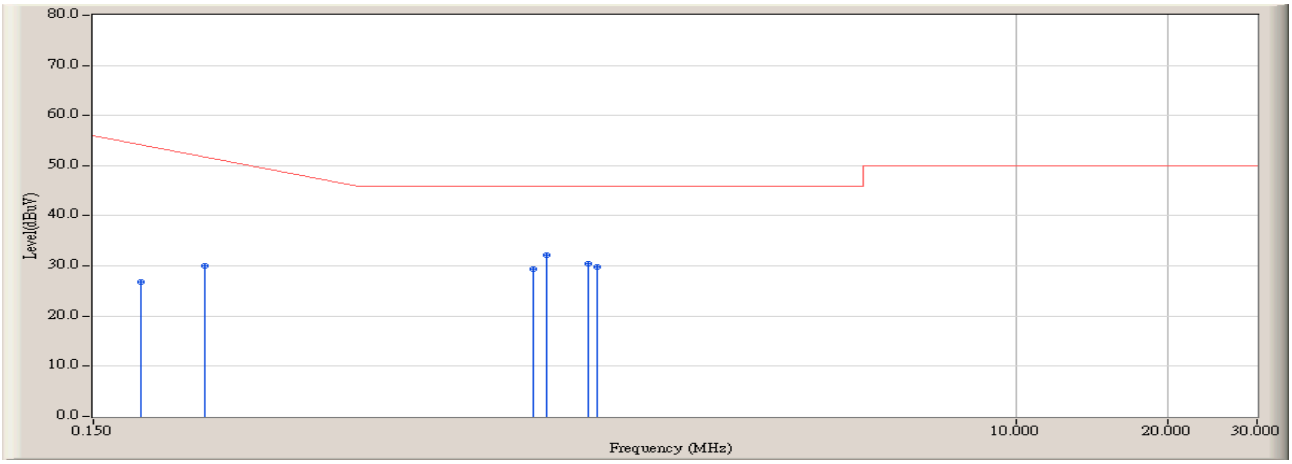


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.186	9.638	22.600	32.238	-32.733	64.971	QUASIPEAK
2		0.250	9.381	23.600	32.981	-30.162	63.143	QUASIPEAK
3		1.114	9.680	22.800	32.480	-23.520	56.000	QUASIPEAK
4	*	1.178	9.690	26.800	36.490	-19.510	56.000	QUASIPEAK
5		1.426	9.752	24.600	34.352	-21.648	56.000	QUASIPEAK
6		1.486	9.762	23.200	32.962	-23.038	56.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : SR1	**Time : 2008/03/26 - 19:51**
Limit : FCC_Part15.207_00M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g**

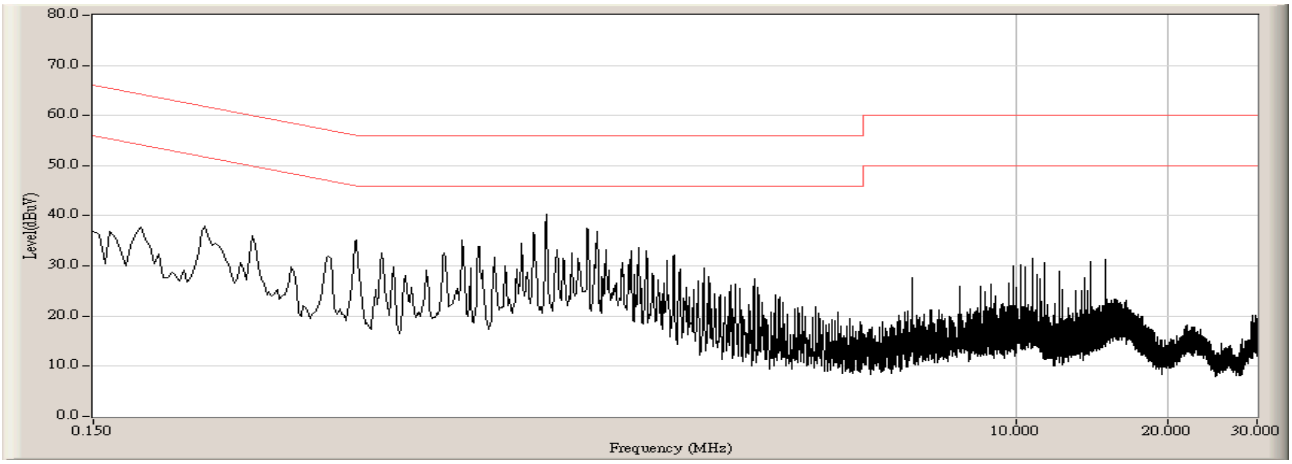


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.186	9.638	17.200	26.838	-28.133	54.971	AVERAGE
2		0.250	9.381	20.700	30.081	-23.062	53.143	AVERAGE
3		1.114	9.680	19.600	29.280	-16.720	46.000	AVERAGE
4	*	1.178	9.690	22.500	32.190	-13.810	46.000	AVERAGE
5		1.426	9.752	20.800	30.552	-15.448	46.000	AVERAGE
6		1.486	9.762	20.000	29.762	-16.238	46.000	AVERAGE

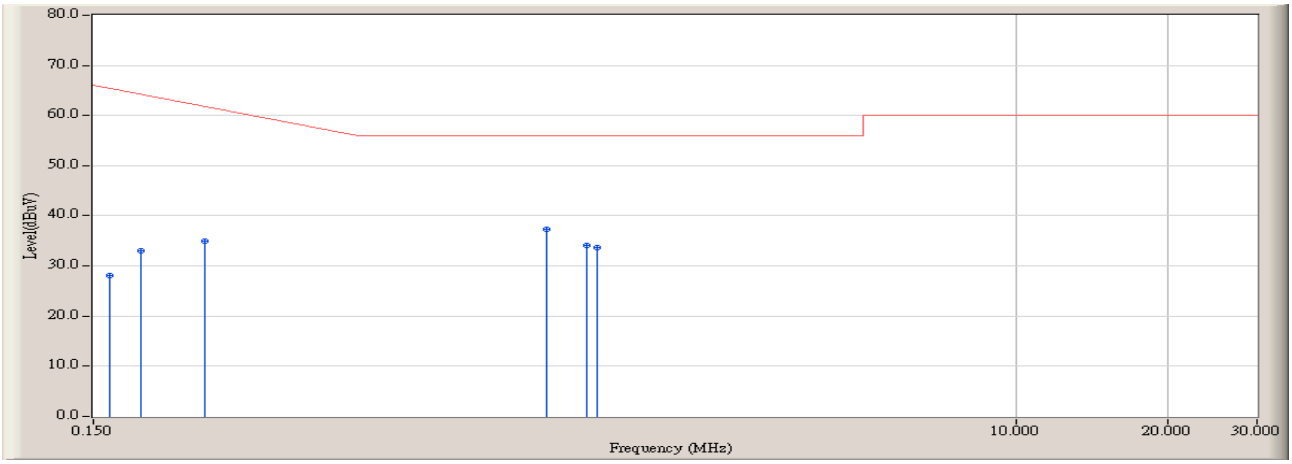
Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : SR1	**Time : 2008/03/26 - 19:54**
Limit : FCC_Part15.207_00M_QP	**Margin : 10**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g**



Engineer : Marlin	
Site : SR1	**Time : 2008/03/26 - 19:55**
Limit : FCC_Part15.207_00M_QP	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g**

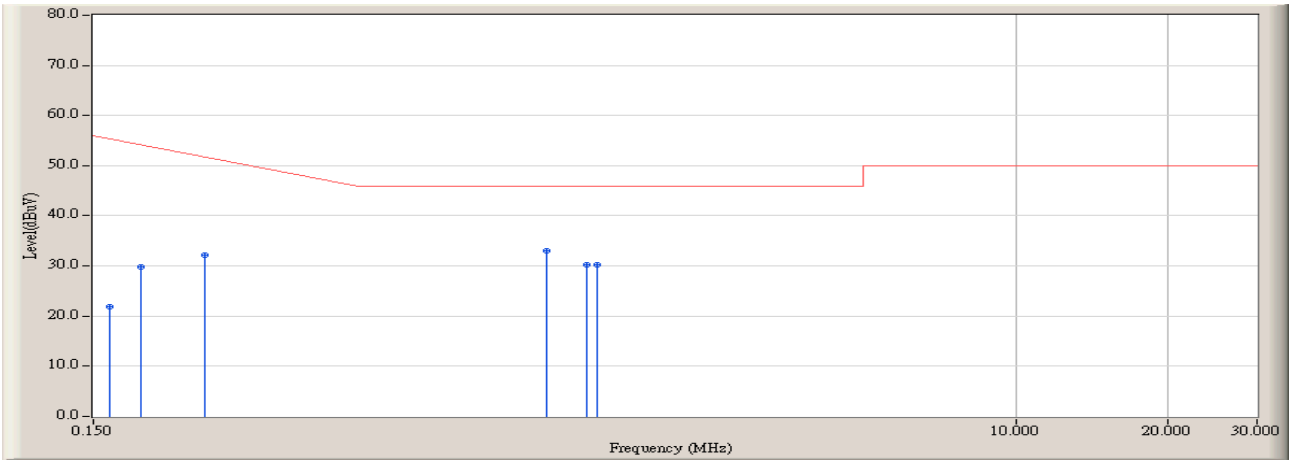


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.691	18.300	27.991	-37.666	65.657	QUASIPEAK
2		0.186	9.539	23.500	33.039	-31.932	64.971	QUASIPEAK
3		0.250	9.501	25.500	35.001	-28.142	63.143	QUASIPEAK
4	*	1.178	9.780	27.600	37.380	-18.620	56.000	QUASIPEAK
5		1.422	9.800	24.400	34.200	-21.800	56.000	QUASIPEAK
6		1.486	9.800	23.800	33.600	-22.400	56.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : SR1	**Time : 2008/03/26 - 19:55**
Limit : FCC_Part15.207_00M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g**

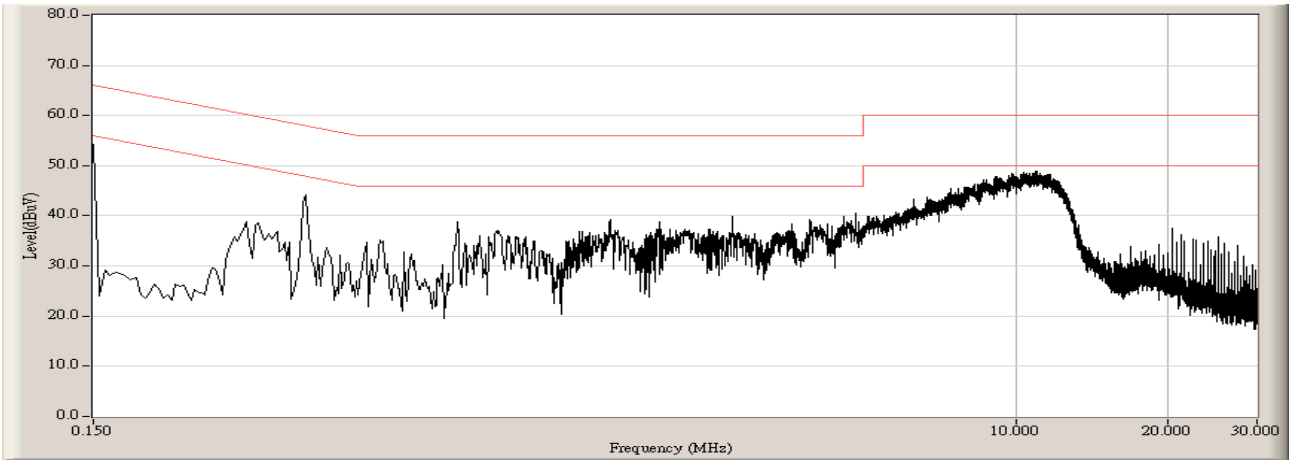


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.691	12.200	21.891	-33.766	55.657	AVERAGE
2		0.186	9.539	20.300	29.839	-25.132	54.971	AVERAGE
3		0.250	9.501	22.700	32.201	-20.942	53.143	AVERAGE
4	*	1.178	9.780	23.200	32.980	-13.020	46.000	AVERAGE
5		1.422	9.800	20.500	30.300	-15.700	46.000	AVERAGE
6		1.486	9.800	20.500	30.300	-15.700	46.000	AVERAGE

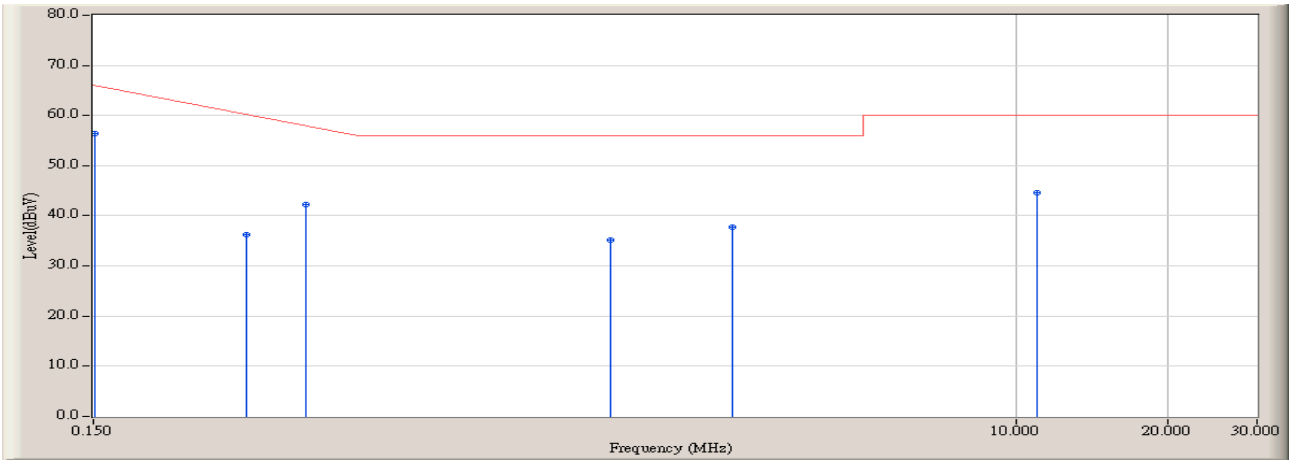
Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : SR1	**Time : 2008/03/26 - 17:48**
Limit : FCC_Part15.207_00M_QP	**Margin : 10**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line1**
Power : AC 230V/50Hz	**Note : Mode 4: Transmit by 802.11g turbo g**



Engineer : Marlin	
Site : SR1	**Time : 2008/03/26 - 17:50**
Limit : FCC_Part15.207_00M_QP	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line1**
Power : AC 230V/50Hz	**Note : Mode 4: Transmit by 802.11g turbo g**

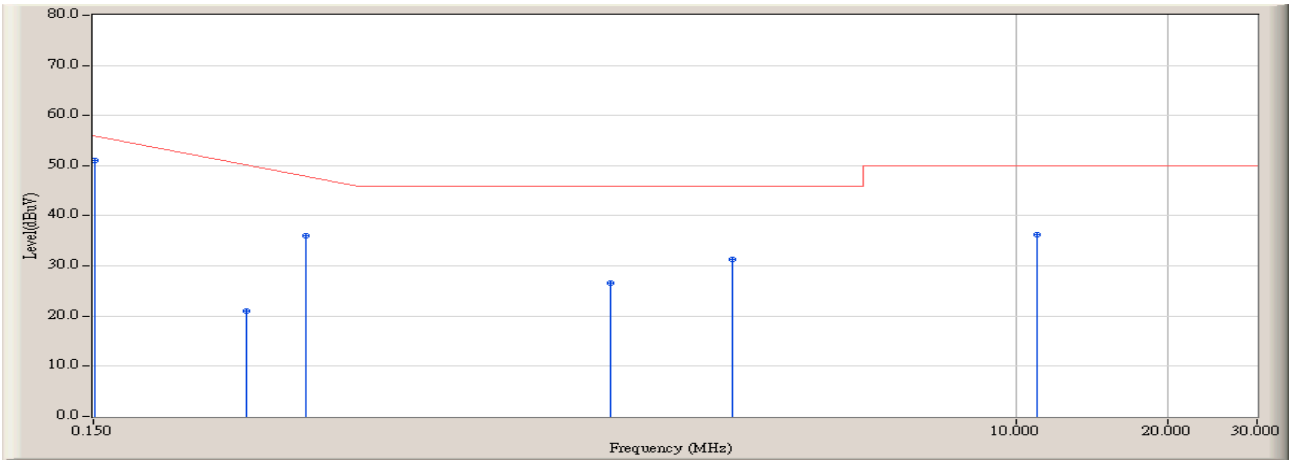


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.151	10.228	46.200	56.428	-9.543	65.971	QUASIPEAK
2		0.302	9.443	26.900	36.343	-25.314	61.657	QUASIPEAK
3		0.394	9.553	32.800	42.353	-16.676	59.029	QUASIPEAK
4		1.578	9.780	25.500	35.280	-20.720	56.000	QUASIPEAK
5		2.750	9.840	27.900	37.740	-18.260	56.000	QUASIPEAK
6		11.010	9.942	34.700	44.642	-15.358	60.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : SR1	**Time : 2008/03/26 - 17:50**
Limit : FCC_Part15.207_00M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line1**
Power : AC 230V/50Hz	**Note : Mode 4: Transmit by 802.11g turbo g**

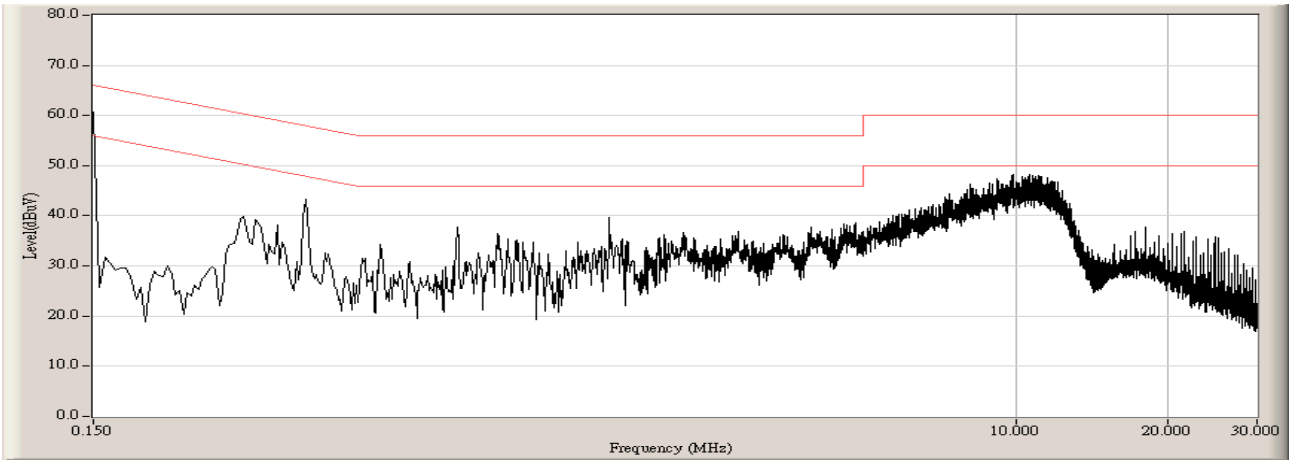


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.151	10.228	40.800	51.028	-4.943	55.971	AVERAGE
2		0.302	9.443	11.500	20.943	-30.714	51.657	AVERAGE
3		0.394	9.553	26.500	36.053	-12.976	49.029	AVERAGE
4		1.578	9.780	16.800	26.580	-19.420	46.000	AVERAGE
5		2.750	9.840	21.400	31.240	-14.760	46.000	AVERAGE
6		11.010	9.942	26.300	36.242	-13.758	50.000	AVERAGE

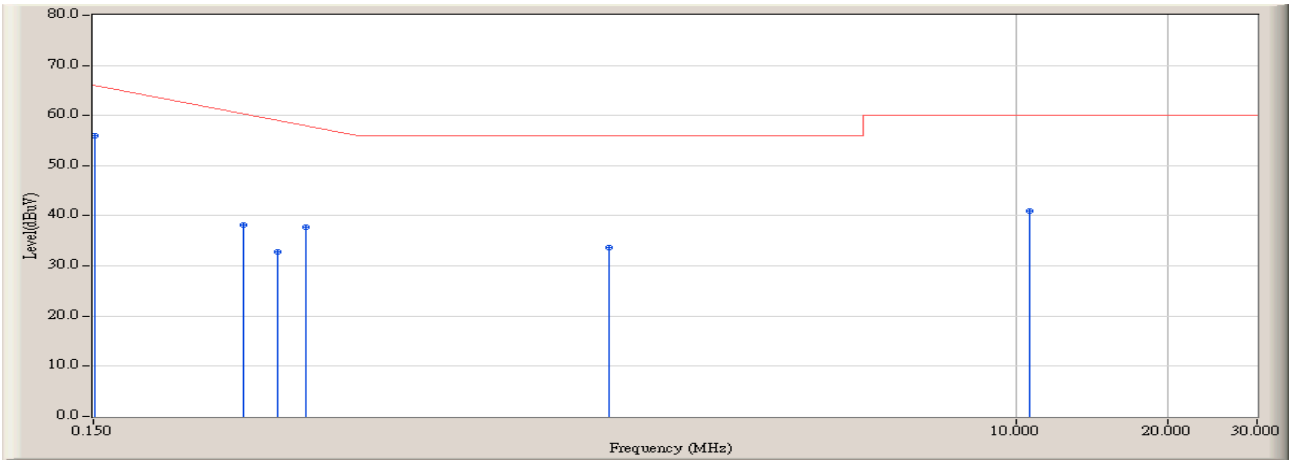
Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : SR1	**Time : 2008/03/26 - 17:53**
Limit : FCC_Part15.207_00M_QP	**Margin : 10**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line2**
Power : AC 230V/50Hz	**Note : Mode 4: Transmit by 802.11g turbo g**



Engineer : Marlin	
Site : SR1	**Time : 2008/03/26 - 17:55**
Limit : FCC_Part15.207_00M_QP	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line2**
Power : AC 230V/50Hz	**Note : Mode 4: Transmit by 802.11g turbo g**

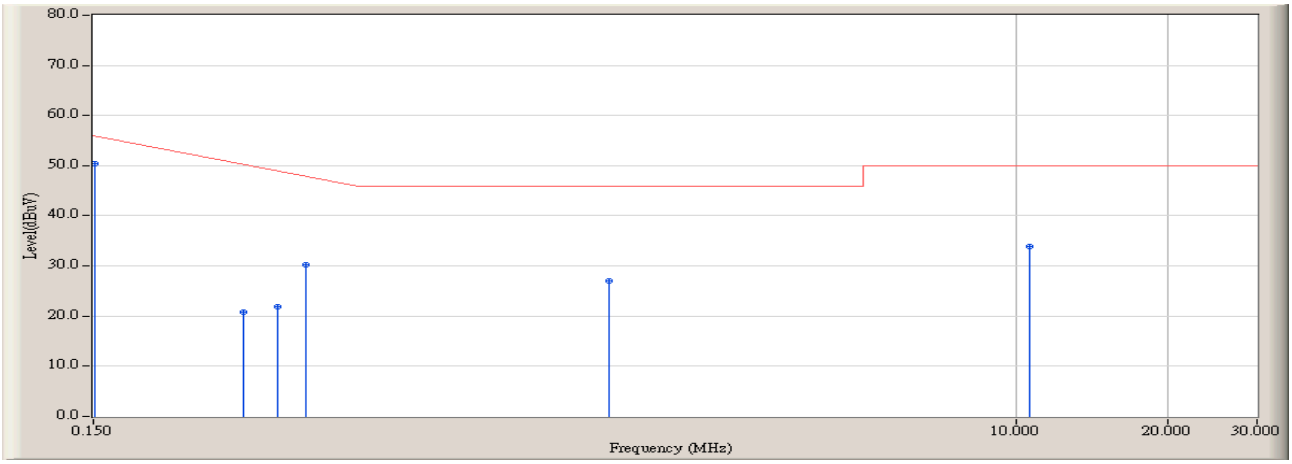


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.151	9.726	46.200	55.926	-10.045	65.971	QUASIPEAK
2		0.298	9.559	28.600	38.159	-23.612	61.771	QUASIPEAK
3		0.346	9.607	23.200	32.807	-27.593	60.400	QUASIPEAK
4		0.394	9.655	28.200	37.855	-21.174	59.029	QUASIPEAK
5		1.570	9.800	23.800	33.600	-22.400	56.000	QUASIPEAK
6		10.674	10.000	30.900	40.900	-19.100	60.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : SR1	**Time : 2008/03/26 - 17:55**
Limit : FCC_Part15.207_00M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : ENV216_100013(0.009-30MHz) - Line2**
Power : AC 230V/50Hz	**Note : Mode 4: Transmit by 802.11g turbo g**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.151	9.726	40.700	50.426	-5.545	55.971	AVERAGE
2		0.298	9.559	11.300	20.859	-30.912	51.771	AVERAGE
3		0.346	9.607	12.200	21.807	-28.593	50.400	AVERAGE
4		0.394	9.655	20.600	30.255	-18.774	49.029	AVERAGE
5		1.570	9.800	17.200	27.000	-19.000	46.000	AVERAGE
6		10.674	10.000	23.900	33.900	-16.100	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

4. Radiated Emission

4.1. Test Equipment

☐Radiated Emission / AC-2

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4408B	MY45102679	2007/11/12
EMI Test Receiver	R&S	ESCI	100573	2007/05/23
Preamplifier	Quietek	AP-025C	QT-AP003	2007/11/25
Preamplifier	Quietek	AP-180C	CHM-0602012	2007/11/25
Bilog Type Antenna	Schaffner	CBL6112B	2932	2007/11/22
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2007/11/25
50ohm Coaxial Switch	Anritsu	MP59B	6200447304	2007/11/25
Coaxial Cable	Huber+Suhner	AC2-C	04	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH002	2007/03/31

☒Radiated Emission / AC-3

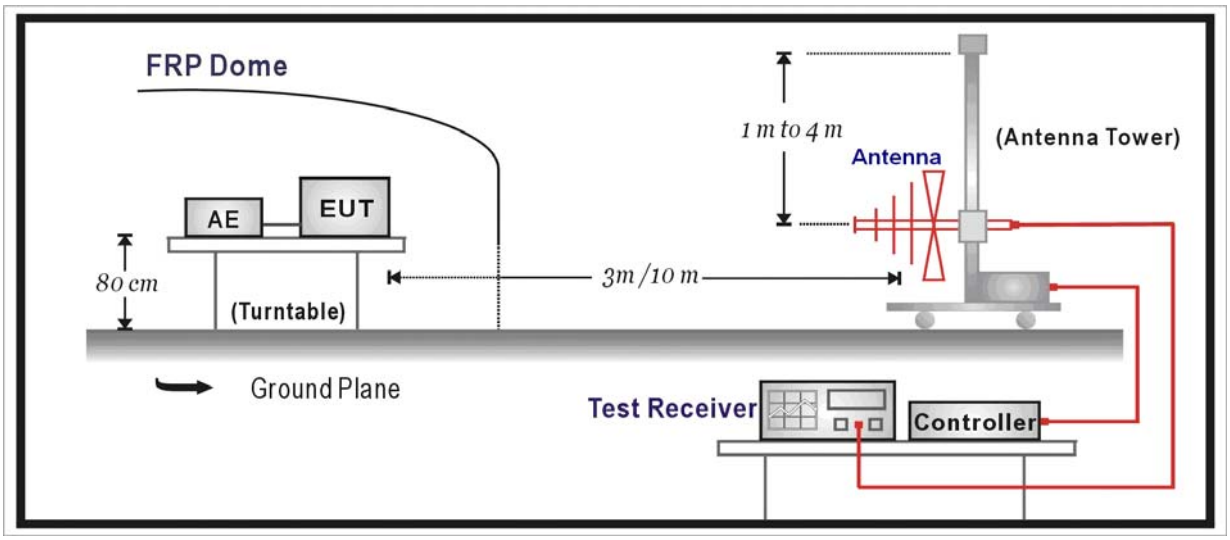
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4408B	MY45102679	2007/11/12
EMI Test Receiver	R&S	ESCI	100176	2007/11/15
Preamplifier	Quietek	AP-025C	QT-AP004	2007/11/25
Preamplifier	Quietek	AP-180C	CHM-0602012	2007/11/25
Bilog Type Antenna	Schaffner	CBL6112D	22254	2007/11/22
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2007/11/25
50ohm Coaxial Switch	Anritsu	MP59B	6200464463	2007/11/25
Coaxial Cable	Huber+Suhner	AC2-C	05	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH003	2007/03/31

Note 1: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

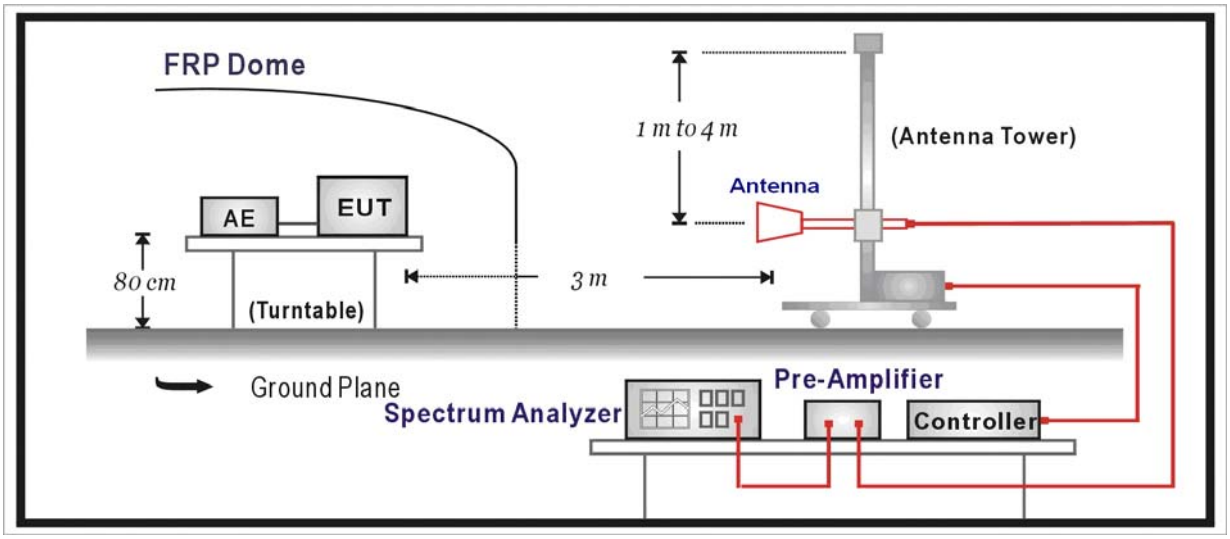
Note 2: The test instruments marked with “X” are used to measure the final test results.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limit

FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Distance (m)	Level (dBuV/m)
30 - 88	3	40
88 - 216	3	43.5
216 - 960	3	46
Above 960	3	54

Note 1: The lower limit shall apply at the transition frequency.

Note 2: Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

Note 3: E field strength (dBuV/m) = 20 log E field strength (uV/m)

4.4. Test Procedure

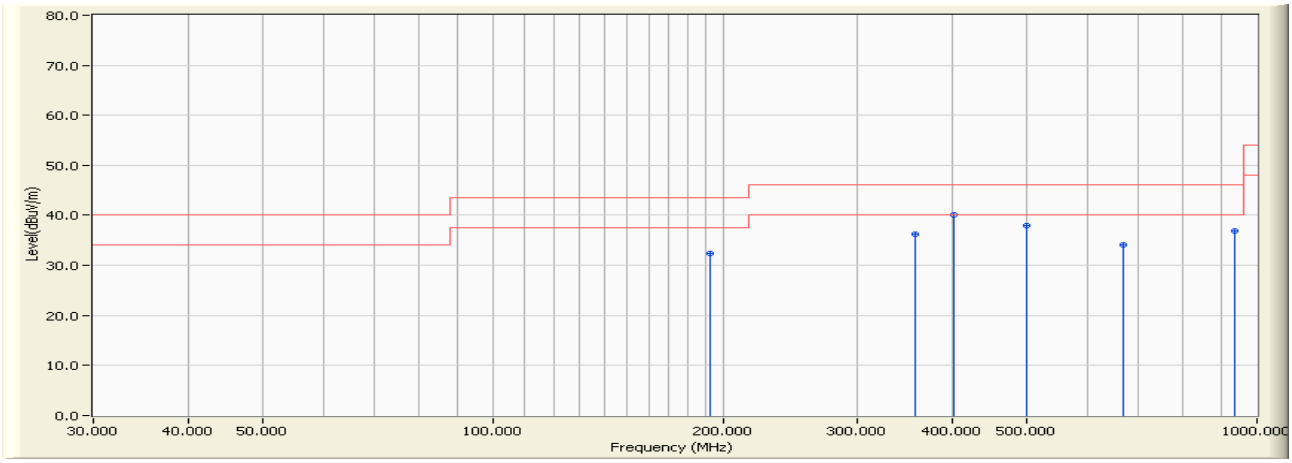
The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4:2003 on radiated measurement.
The resolution bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.
The frequency range from 30MHz to 10th harmonic is checked.

4.5. Uncertainty

The measurement uncertainty above 1G is defined as ± 3.9 dB
below 1G is defined as ± 3.8 dB

4.6. Test Result

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/07 - 10:12**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 6**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2412MHz – Below 1GHz**

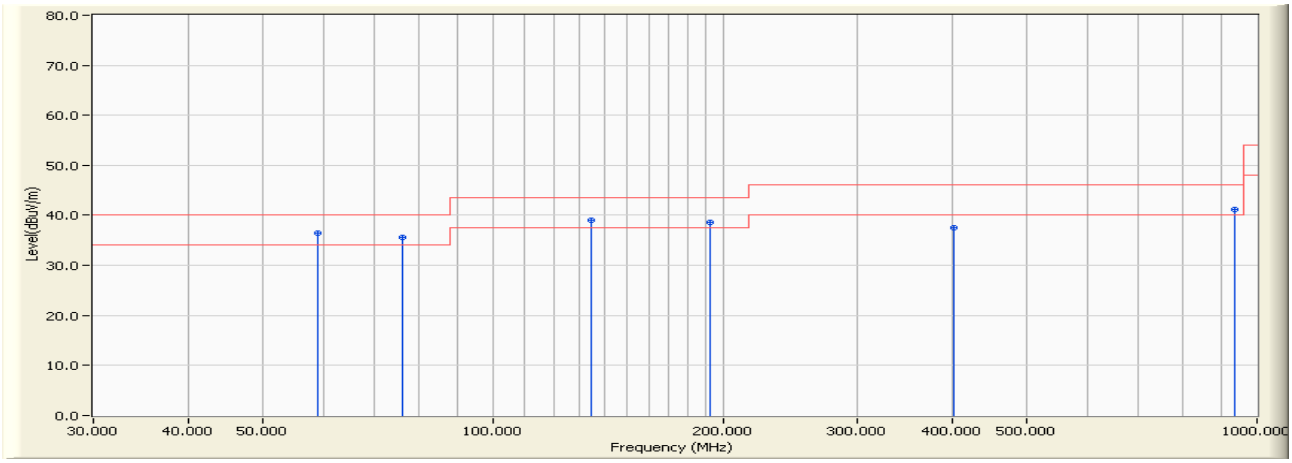


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		192.500	-12.901	45.200	32.299	-11.221	43.520	QUASIPEAK	106.000	92.000
2		357.400	-6.452	42.600	36.148	-9.872	46.020	QUASIPEAK	142.000	108.000
3	*	401.000	-5.011	45.100	40.089	-5.931	46.020	QUASIPEAK	108.000	116.000
4		500.500	-3.186	41.200	38.015	-8.005	46.020	QUASIPEAK	162.000	35.000
5		667.000	-1.020	35.200	34.180	-11.840	46.020	QUASIPEAK	100.000	316.000
6		934.500	0.922	36.000	36.922	-9.098	46.020	QUASIPEAK	184.000	168.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/07 - 10:12**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 6**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2412MHz – Below 1GHz**

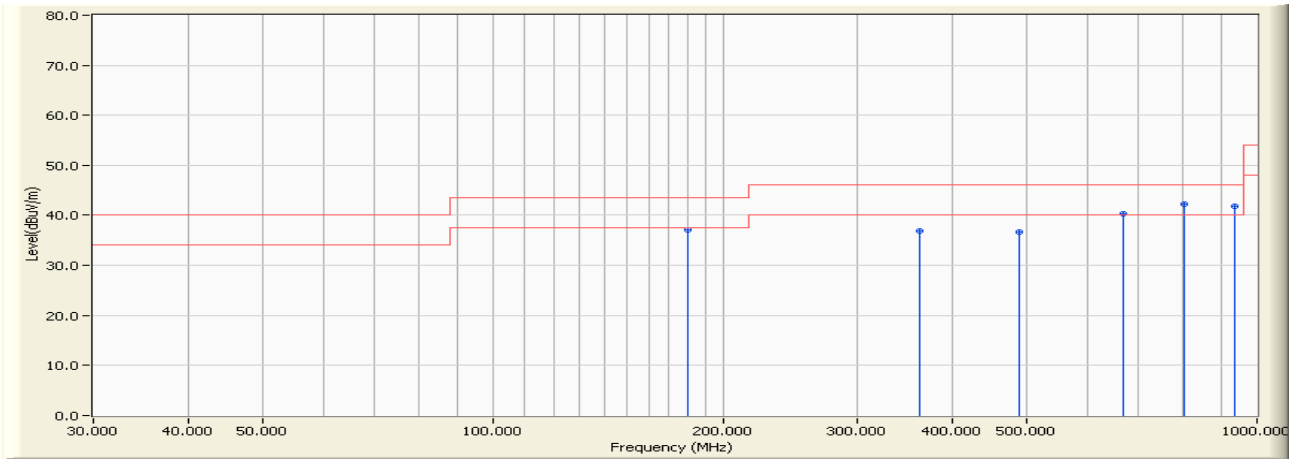


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	59.000	-16.403	52.800	36.397	-3.603	40.000	QUASIPEAK	102.000	42.000
2		76.000	-16.008	51.600	35.592	-4.408	40.000	QUASIPEAK	100.000	105.000
3		134.200	-10.469	49.500	39.031	-4.489	43.520	QUASIPEAK	112.000	82.000
4		192.500	-12.901	51.400	38.499	-5.021	43.520	QUASIPEAK	155.000	136.000
5		401.000	-5.011	42.500	37.489	-8.531	46.020	QUASIPEAK	103.000	192.000
6		934.500	0.922	40.200	41.122	-4.898	46.020	QUASIPEAK	100.000	241.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/07 - 10:12**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 6**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2437MHz – Below 1GHz**

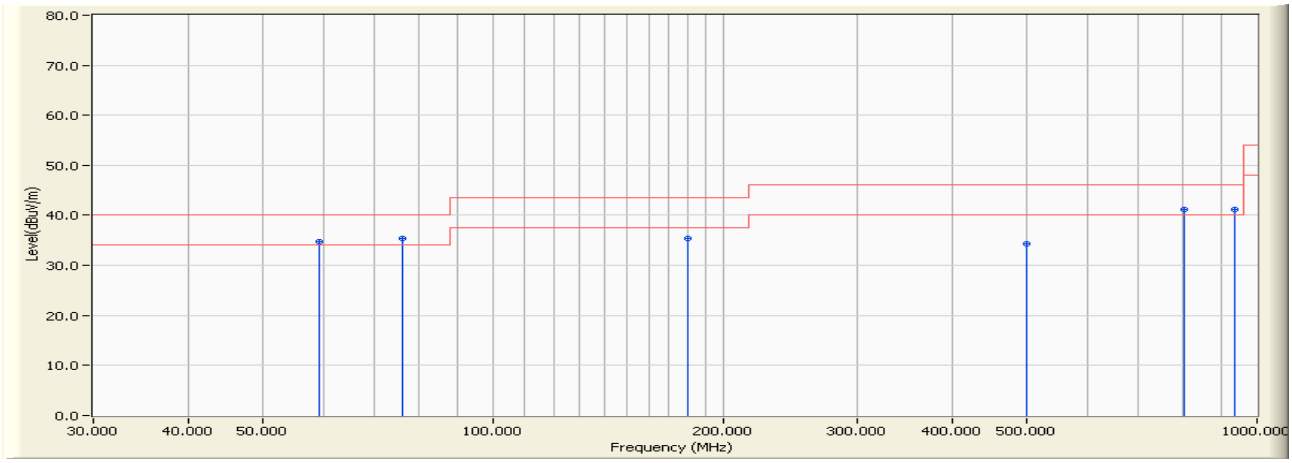


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		180.300	-13.146	50.200	37.054	-6.466	43.520	QUASIPEAK	124.000	95.000
2		362.200	-6.583	43.500	36.917	-9.103	46.020	QUASIPEAK	142.000	108.000
3		488.300	-3.351	40.000	36.649	-9.371	46.020	QUASIPEAK	126.000	274.000
4		667.800	-1.003	41.300	40.296	-5.724	46.020	QUASIPEAK	182.000	329.000
5	*	801.500	-0.019	42.200	42.181	-3.839	46.020	QUASIPEAK	107.000	105.000
6		934.500	0.922	40.800	41.722	-4.298	46.020	QUASIPEAK	104.000	28.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/07 - 10:12**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 6**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2437MHz – Below 1GHz**

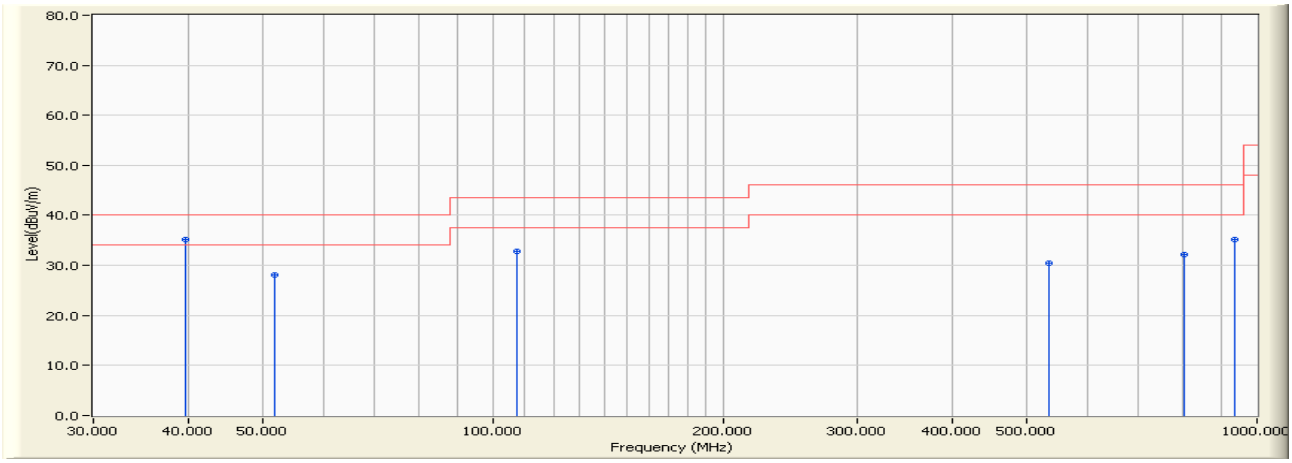


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		59.200	-16.420	51.200	34.780	-5.220	40.000	QUASIPEAK	100.000	95.000
2	*	76.000	-16.008	51.400	35.392	-4.608	40.000	QUASIPEAK	100.000	96.000
3		180.300	-13.146	48.500	35.354	-8.166	43.520	QUASIPEAK	105.000	24.000
4		500.500	-3.186	37.400	34.215	-11.805	46.020	QUASIPEAK	102.000	162.000
5		801.200	-0.051	41.300	41.249	-4.771	46.020	QUASIPEAK	100.000	144.000
6		934.500	0.922	40.200	41.122	-4.898	46.020	QUASIPEAK	100.000	352.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/07 - 10:12**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 6**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2462MHz – Below 1GHz**

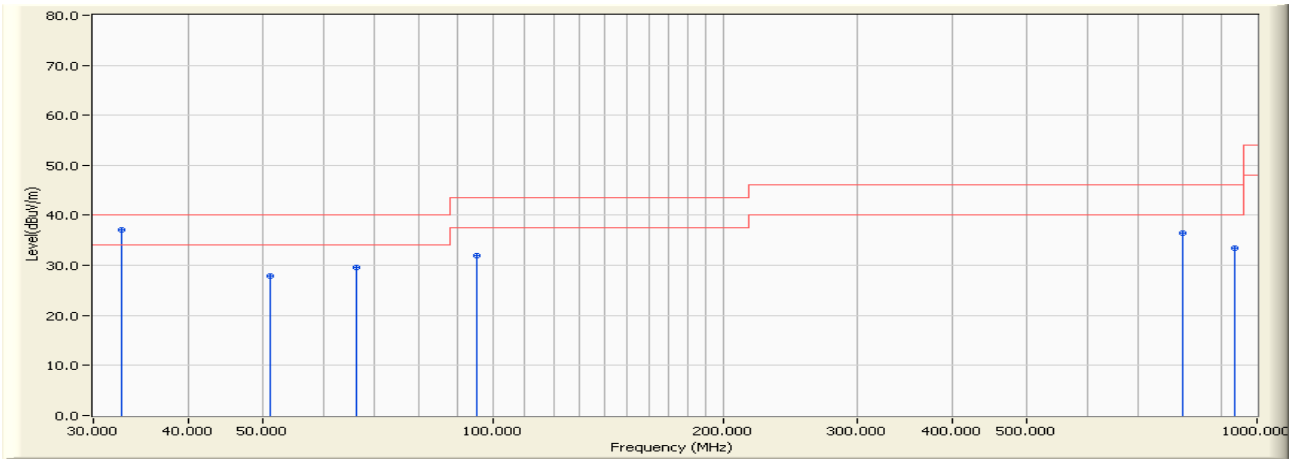


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	39.600	-9.919	45.200	35.281	-4.719	40.000	QUASIPEAK	162.000	23.000
2		51.800	-15.137	43.200	28.062	-11.938	40.000	QUASIPEAK	124.000	95.000
3		107.600	-10.474	43.200	32.726	-10.794	43.520	QUASIPEAK	132.000	20.000
4		534.400	-2.384	32.800	30.416	-15.604	46.020	QUASIPEAK	122.000	163.000
5		801.200	-0.051	32.200	32.149	-13.871	46.020	QUASIPEAK	146.000	324.000
6		934.500	0.922	34.300	35.222	-10.798	46.020	QUASIPEAK	168.000	176.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/07 - 10:12**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 6**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2462MHz – Below 1GHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	32.600	-6.047	43.200	37.153	-2.847	40.000	QUASIPEAK	112.000	10.000
2		51.070	-14.924	42.800	27.876	-12.124	40.000	QUASIPEAK	100.000	132.000
3		66.300	-16.606	46.300	29.694	-10.306	40.000	QUASIPEAK	100.000	82.000
4		95.400	-12.137	44.200	32.064	-11.456	43.520	QUASIPEAK	106.000	52.000
5		801.100	-0.053	36.500	36.446	-9.574	46.020	QUASIPEAK	100.000	104.000
6		934.500	0.922	32.600	33.522	-12.498	46.020	QUASIPEAK	100.000	42.000

Note:

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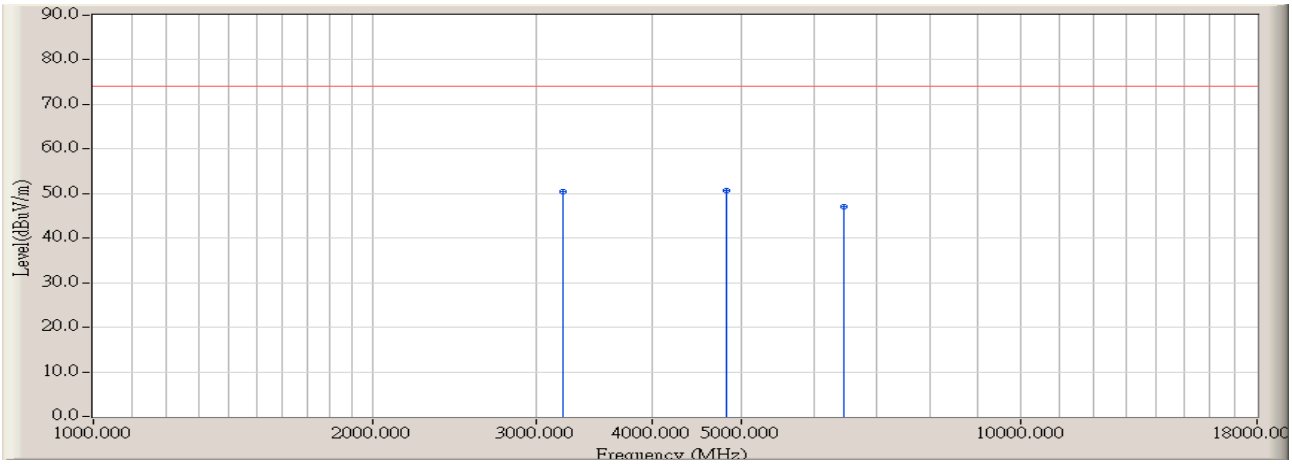
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:34**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2412MHz – Above 1GHz**

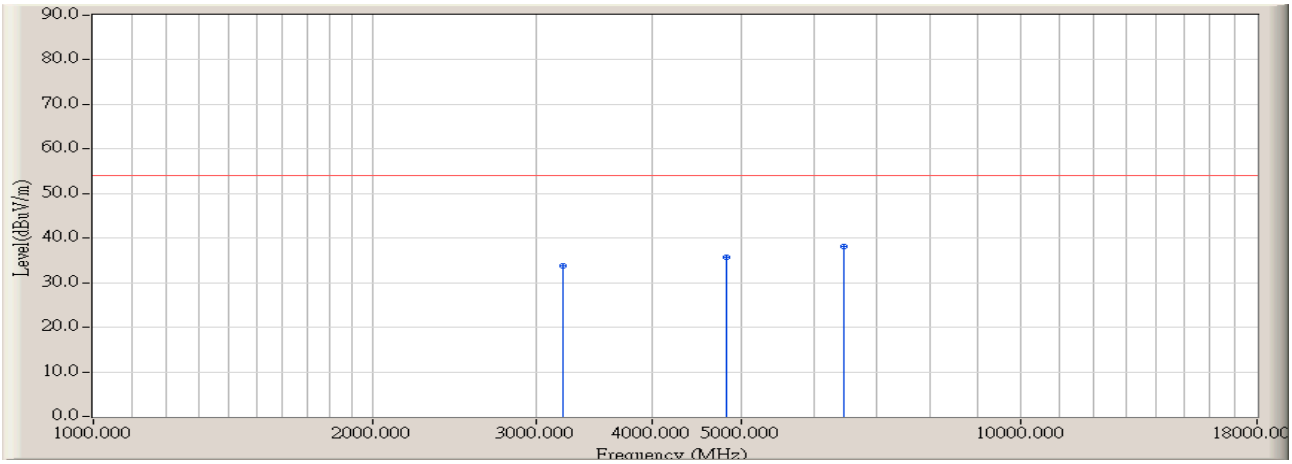


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3210.000	-1.490	51.991	50.501	-23.469	73.970	PEAK	126.000	82.000
2	*	4825.000	3.610	47.171	50.781	-23.189	73.970	PEAK	144.000	16.000
3		6440.000	8.320	38.761	47.081	-26.889	73.970	PEAK	152.000	165.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:34**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2412MHz – Above 1GHz**

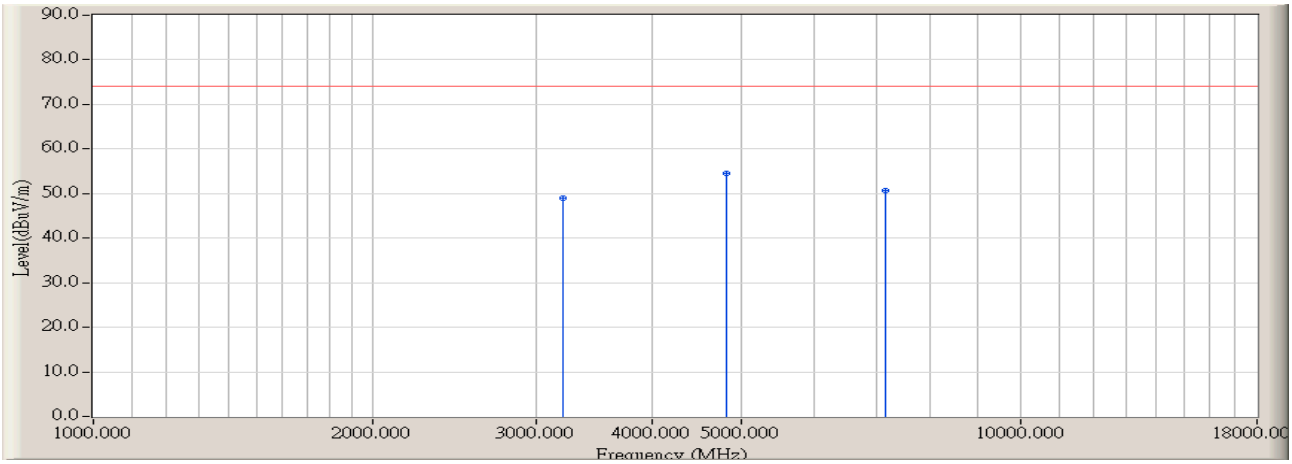


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3210.000	-1.490	35.200	33.710	-20.260	53.970	AVERAGE	126.000	82.000
2		4825.000	3.610	32.200	35.810	-18.160	53.970	AVERAGE	144.000	16.000
3	*	6440.000	8.320	29.800	38.120	-15.850	53.970	AVERAGE	152.000	165.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:34**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2412MHz – Above 1GHz**

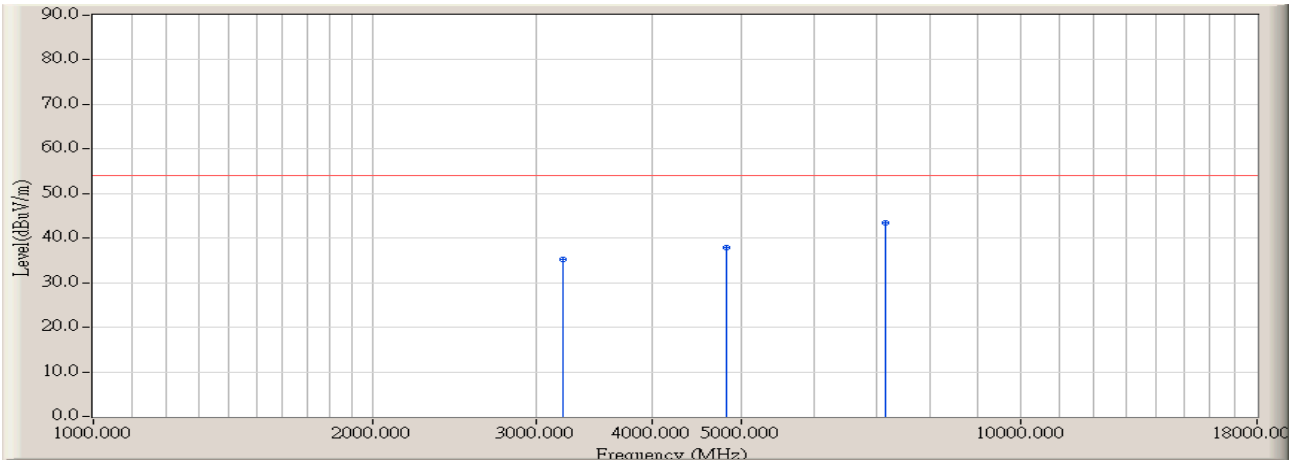


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3210.000	-1.490	50.587	49.097	-24.873	73.970	PEAK	102.000	99.000
2	*	4825.000	3.610	50.847	54.457	-19.513	73.970	PEAK	100.000	108.000
3		7148.000	13.013	37.772	50.785	-23.185	73.970	PEAK	146.000	162.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:34**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2412MHz – Above 1GHz**

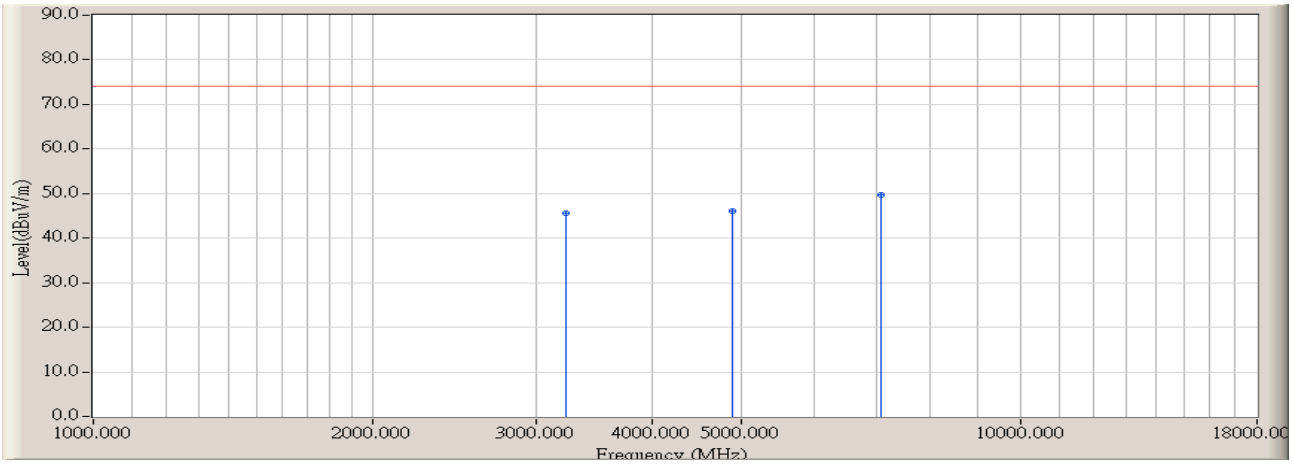


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3210.000	-1.490	36.800	35.310	-18.660	53.970	AVERAGE	102.000	99.000
2		4825.000	3.610	34.200	37.810	-16.160	53.970	AVERAGE	100.000	108.000
3	*	7148.000	13.013	30.500	43.513	-10.457	53.970	AVERAGE	146.000	162.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:34**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2437MHz – Above 1GHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3238.000	-1.743	47.304	45.561	-28.409	73.970	PEAK	108.000	15.000
2		4881.000	3.633	42.490	46.123	-27.847	73.970	PEAK	143.000	226.000
3	*	7063.000	12.033	37.588	49.621	-24.349	73.970	PEAK	129.000	84.000

Note:

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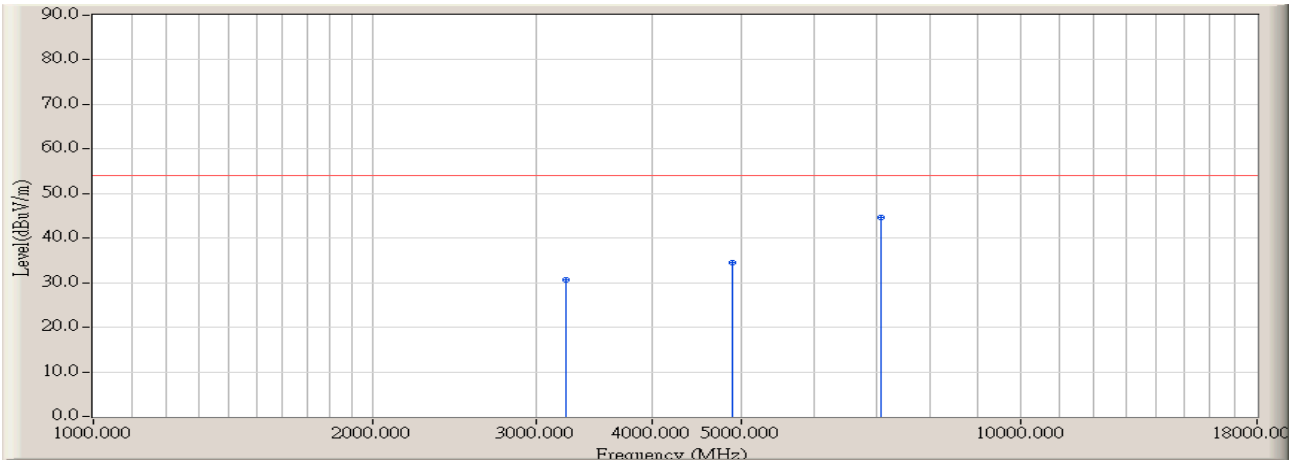
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:34**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2437MHz – Above 1GHz**

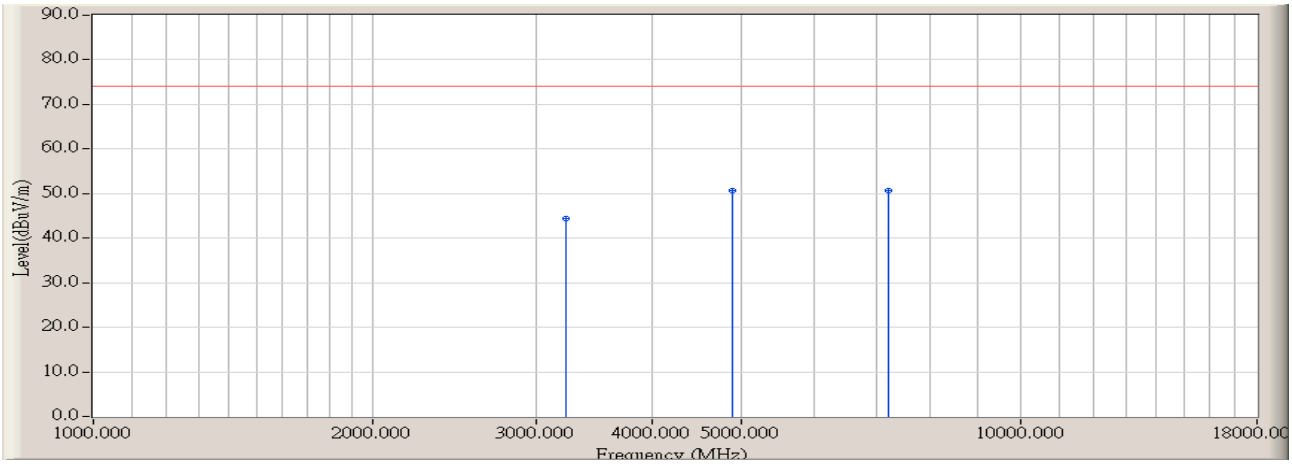


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3238.000	-1.743	32.400	30.657	-23.313	53.970	AVERAGE	108.000	15.000
2		4881.000	3.633	30.900	34.533	-19.437	53.970	AVERAGE	143.000	226.000
3	*	7063.000	12.033	32.600	44.633	-9.337	53.970	AVERAGE	129.000	84.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:34**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2437MHz – Above 1GHz**

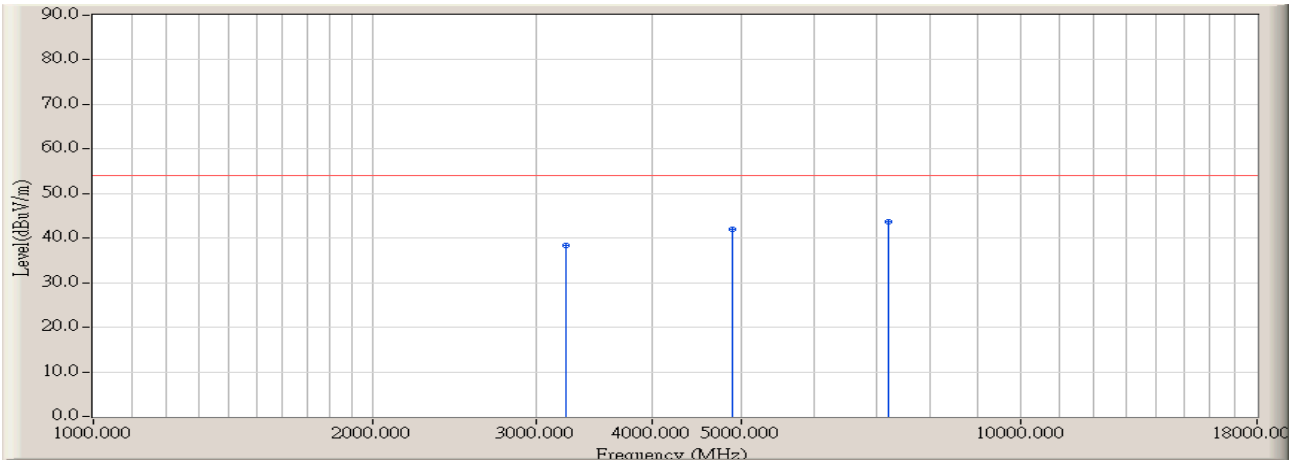


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3238.000	-1.743	46.216	44.473	-29.497	73.970	PEAK	112.000	92.000
2	*	4881.000	3.633	47.009	50.642	-23.328	73.970	PEAK	100.000	183.000
3		7205.000	12.290	38.317	50.607	-23.363	73.970	PEAK	100.000	176.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:34**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2437MHz – Above 1GHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3238.000	-1.743	40.200	38.457	-15.513	53.970	AVERAGE	112.000	92.000
2		4881.000	3.633	38.400	42.033	-11.937	53.970	AVERAGE	100.000	183.000
3	*	7205.000	12.290	31.400	43.690	-10.280	53.970	AVERAGE	100.000	176.000

Note:

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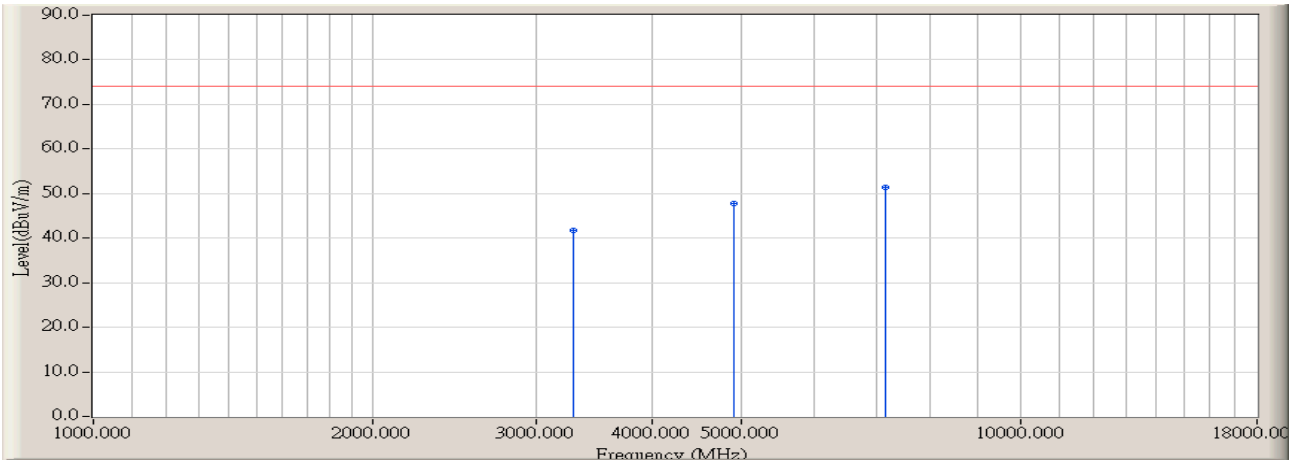
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:34**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2462MHz – Above 1GHz**

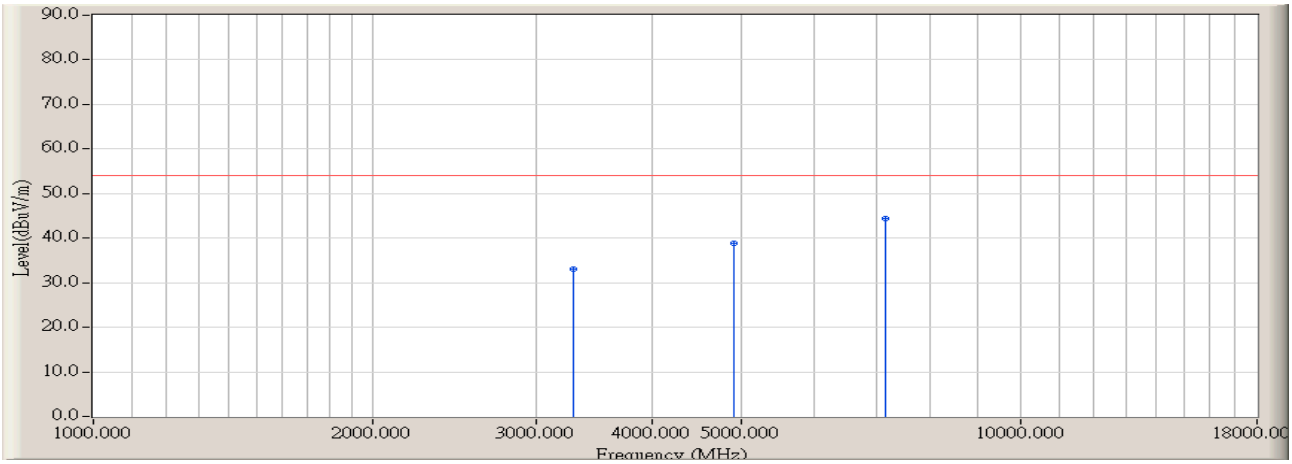


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3295.000	-1.720	43.568	41.848	-32.122	73.970	PEAK	126.000	82.000
2		4910.000	3.720	44.128	47.848	-26.122	73.970	PEAK	162.000	125.000
3	*	7148.000	13.013	38.429	51.442	-22.528	73.970	PEAK	172.000	149.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:34**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2462MHz – Above 1GHz**

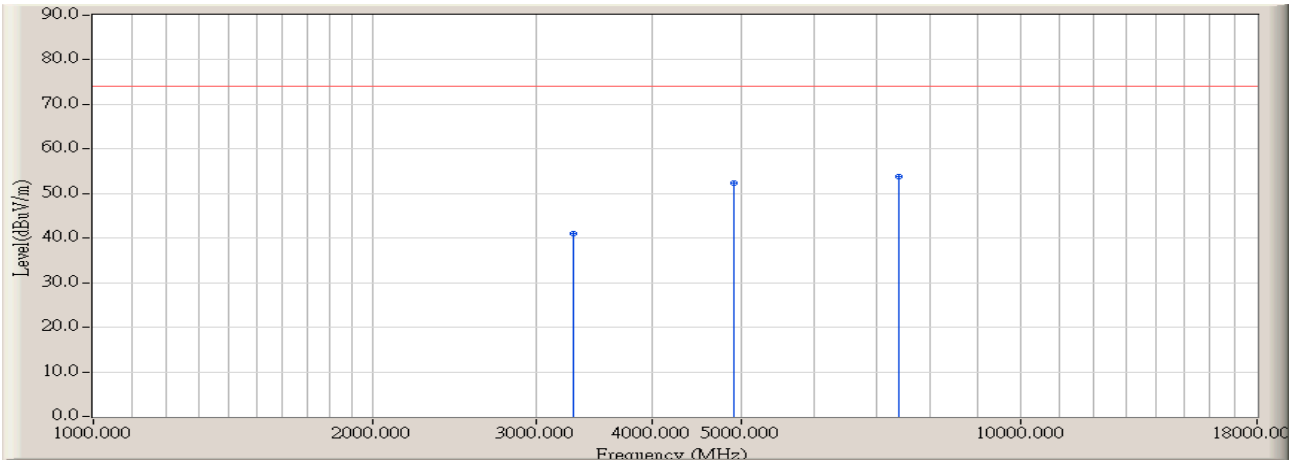


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3295.000	-1.720	34.700	32.980	-20.990	53.970	AVERAGE	126.000	82.000
2		4910.000	3.720	35.200	38.920	-15.050	53.970	AVERAGE	162.000	125.000
3	*	7148.000	13.013	31.500	44.513	-9.457	53.970	AVERAGE	172.000	149.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:36**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2462MHz – Above 1GHz**

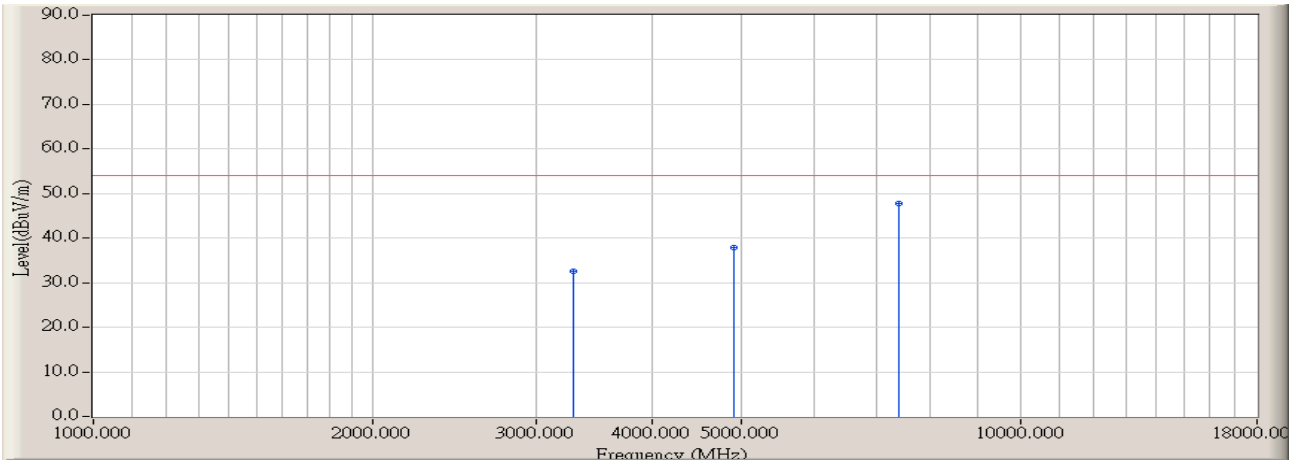


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3295.000	-1.720	42.784	41.064	-32.906	73.970	PEAK	100.000	92.000
2		4914.000	3.767	48.649	52.416	-21.554	73.970	PEAK	100.000	173.000
3	*	7403.000	11.596	42.277	53.874	-20.096	73.970	PEAK	104.000	324.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:36**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2462MHz – Above 1GHz**

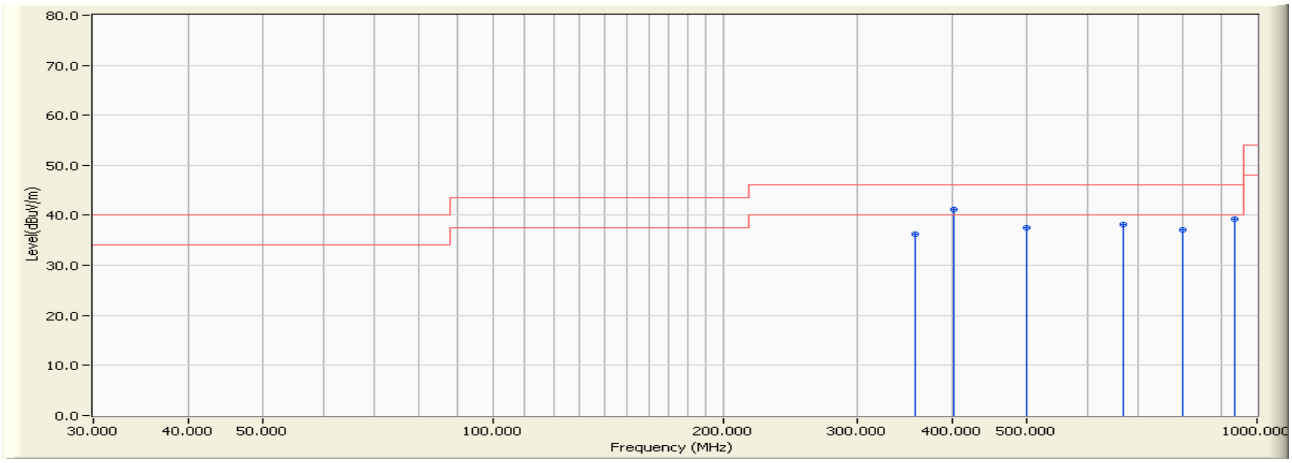


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3295.000	-1.720	34.200	32.480	-21.490	53.970	AVERAGE	100.000	92.000
2		4914.000	3.767	34.200	37.967	-16.003	53.970	AVERAGE	100.000	173.000
3	*	7403.000	11.596	36.200	47.797	-6.173	53.970	AVERAGE	104.000	324.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/07 - 09:21**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 6**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2412MHz – Below 1GHz**

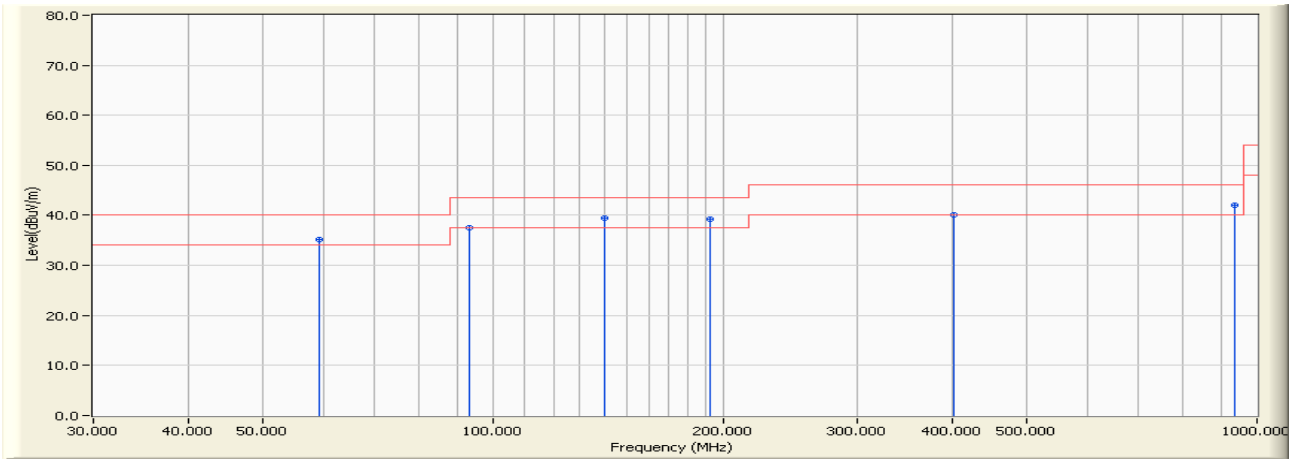


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		357.400	-6.452	42.600	36.148	-9.872	46.020	QUASIPEAK	126.000	35.000
2	*	401.000	-5.011	46.200	41.189	-4.831	46.020	QUASIPEAK	182.000	104.000
3		500.500	-3.186	40.800	37.615	-8.405	46.020	QUASIPEAK	120.000	246.000
4		667.800	-1.003	39.200	38.196	-7.824	46.020	QUASIPEAK	152.000	49.000
5		801.000	-0.049	37.200	37.150	-8.870	46.020	QUASIPEAK	158.000	324.000
6		934.500	0.922	38.400	39.322	-6.698	46.020	QUASIPEAK	206.000	89.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/07 - 09:25**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 6**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2412MHz – Below 1GHz**

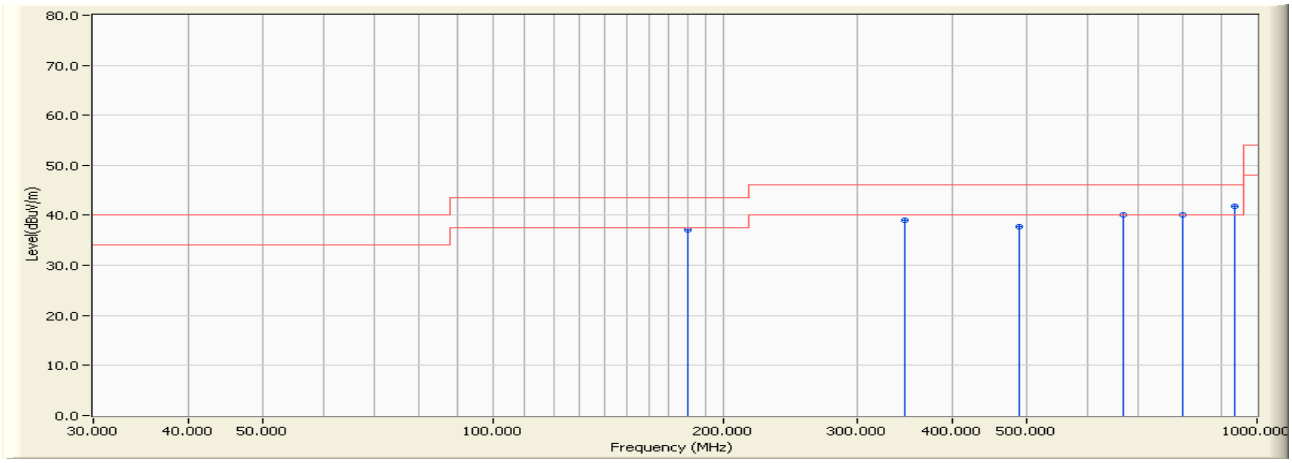


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		59.200	-16.420	51.600	35.180	-4.820	40.000	QUASIPEAK	102.000	52.000
2		93.000	-12.629	50.200	37.571	-5.949	43.520	QUASIPEAK	100.000	16.000
3		140.000	-10.981	50.500	39.519	-4.001	43.520	QUASIPEAK	100.000	128.000
4		192.500	-12.901	52.200	39.299	-4.221	43.520	QUASIPEAK	100.000	264.000
5		401.000	-5.011	45.200	40.189	-5.831	46.020	QUASIPEAK	100.000	176.000
6	*	934.500	0.922	41.200	42.122	-3.898	46.020	QUASIPEAK	100.000	92.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/07 - 09:31**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 6**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2437MHz – Below 1GHz**

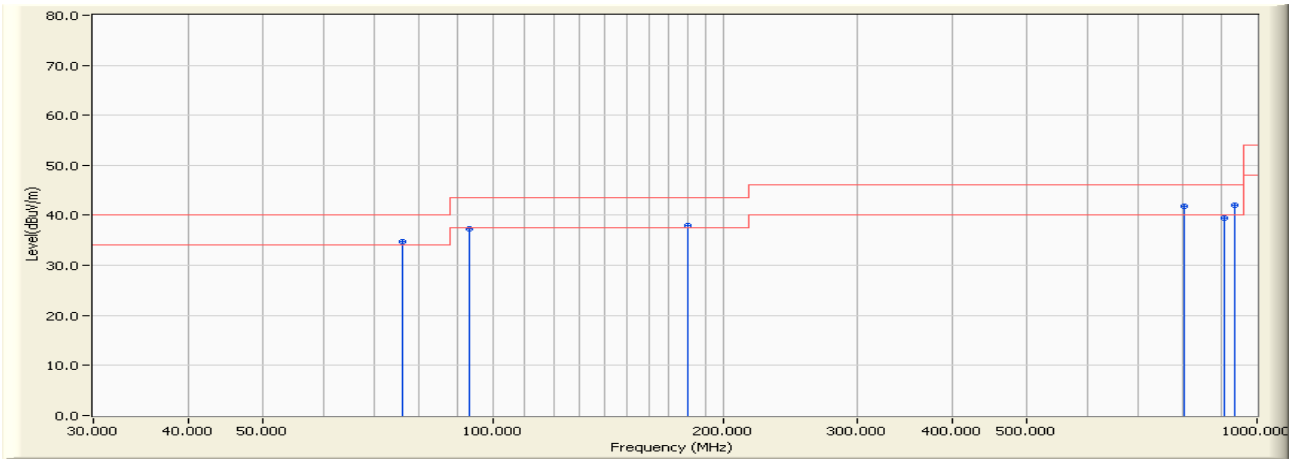


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		180.200	-13.146	50.300	37.154	-6.366	43.520	QUASIPEAK	128.000	46.000
2		345.300	-6.815	45.900	39.085	-6.935	46.020	QUASIPEAK	152.000	88.000
3		488.300	-3.351	41.200	37.849	-8.171	46.020	QUASIPEAK	192.000	14.000
4		667.800	-1.003	41.200	40.196	-5.824	46.020	QUASIPEAK	144.000	90.000
5		801.000	-0.049	40.200	40.150	-5.870	46.020	QUASIPEAK	155.000	142.000
6	*	934.500	0.922	40.800	41.722	-4.298	46.020	QUASIPEAK	186.000	318.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/07 - 09:34**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 6**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2437MHz – Below 1GHz**

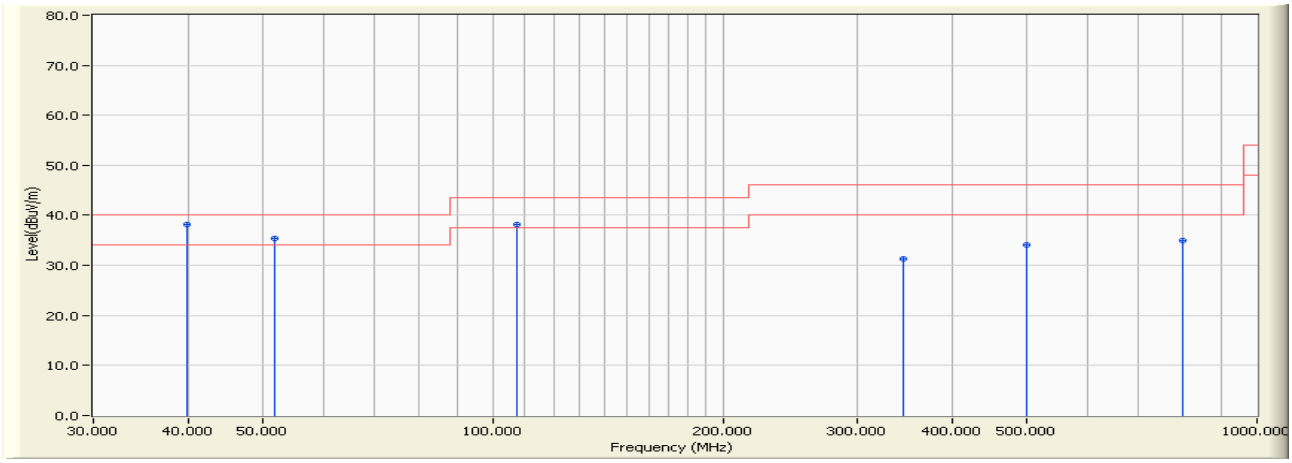


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		76.000	-16.008	50.800	34.792	-5.208	40.000	QUASIPEAK	102.000	94.000
2		93.000	-12.629	50.000	37.371	-6.149	43.520	QUASIPEAK	100.000	182.000
3		180.300	-13.146	51.200	38.054	-5.466	43.520	QUASIPEAK	112.000	246.000
4		801.200	-0.051	41.800	41.749	-4.271	46.020	QUASIPEAK	100.000	293.000
5		907.800	0.771	38.800	39.571	-6.449	46.020	QUASIPEAK	100.000	54.000
6	*	934.500	0.922	41.200	42.122	-3.898	46.020	QUASIPEAK	100.000	342.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/07 - 09:37**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 6**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2462MHz – Below 1GHz**

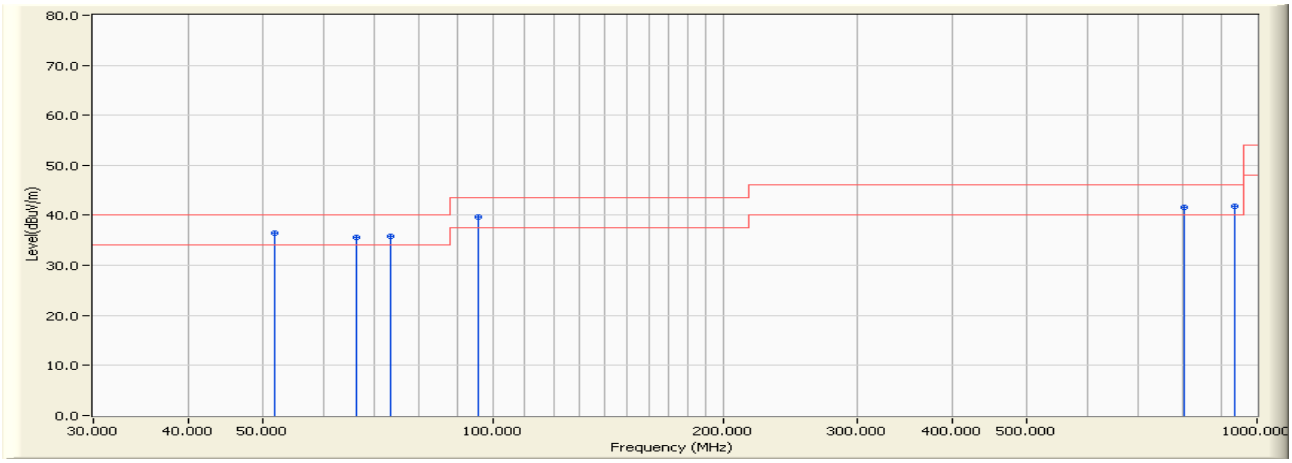


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	39.700	-9.972	48.200	38.228	-1.772	40.000	QUASIPEAK	168.000	144.000
2		51.800	-15.137	50.600	35.462	-4.538	40.000	QUASIPEAK	186.000	49.000
3		107.600	-10.474	48.600	38.126	-5.394	43.520	QUASIPEAK	192.000	224.000
4		345.200	-6.820	38.200	31.380	-14.640	46.020	QUASIPEAK	163.000	152.000
5		500.500	-3.186	37.200	34.015	-12.005	46.020	QUASIPEAK	148.000	322.000
6		801.000	-0.049	35.000	34.950	-11.070	46.020	QUASIPEAK	120.000	184.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/07 - 09:40**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 6**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2462MHz – Below 1GHz**

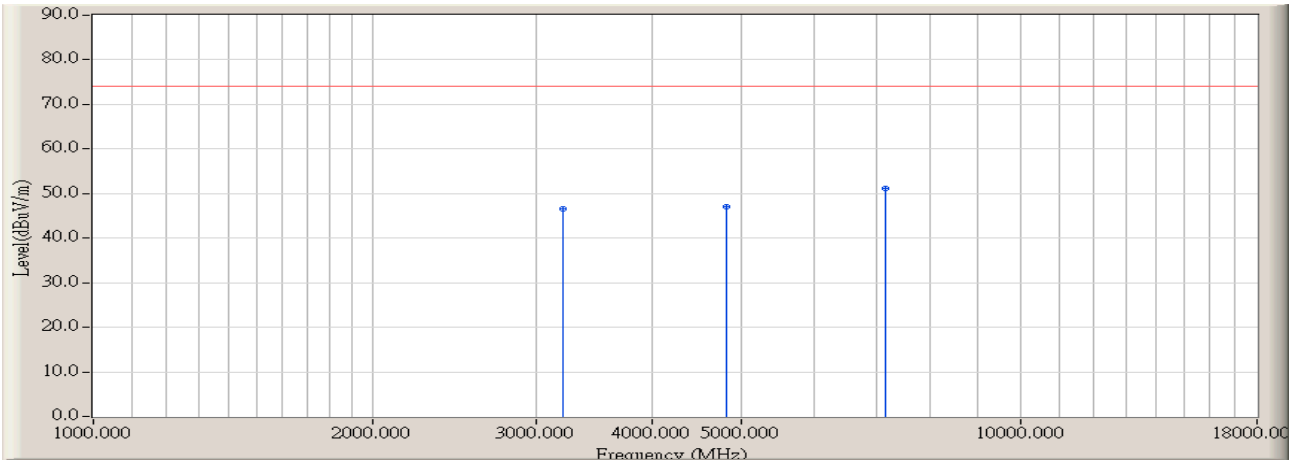


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	51.800	-15.137	51.600	36.462	-3.538	40.000	QUASIPEAK	100.000	16.000
2		66.400	-16.605	52.300	35.695	-4.305	40.000	QUASIPEAK	102.000	146.000
3		73.600	-16.259	52.100	35.841	-4.159	40.000	QUASIPEAK	100.000	184.000
4		95.500	-12.120	51.900	39.780	-3.740	43.520	QUASIPEAK	100.000	312.000
5		801.200	-0.051	41.600	41.549	-4.471	46.020	QUASIPEAK	115.000	6.000
6		934.500	0.922	41.000	41.922	-4.098	46.020	QUASIPEAK	100.000	294.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:36**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2412MHz – Above 1GHz**

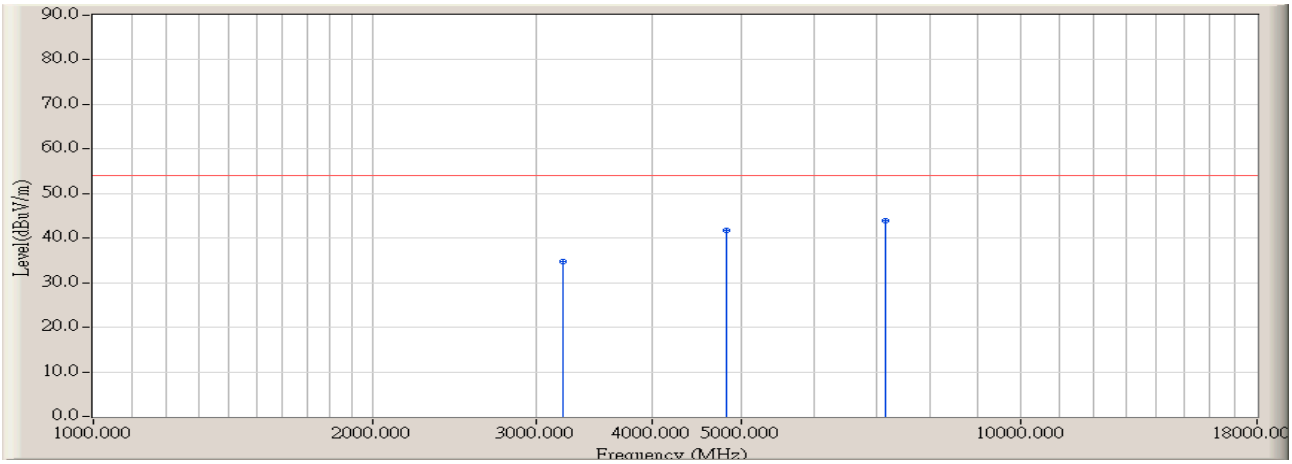


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3210.000	-1.490	47.955	46.465	-27.505	73.970	PEAK	120.000	194.000
2		4825.000	3.610	43.526	47.136	-26.834	73.970	PEAK	104.000	92.000
3	*	7148.000	13.013	38.254	51.267	-22.703	73.970	PEAK	165.000	108.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:36**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2412MHz – Above 1GHz**

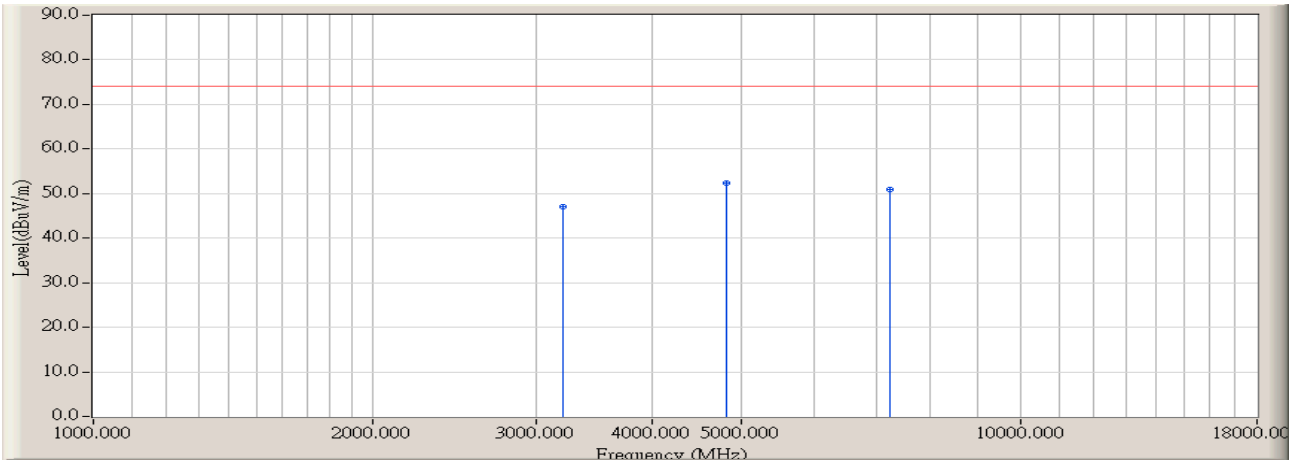


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3210.000	-1.490	36.200	34.710	-19.260	53.970	AVERAGE	120.000	194.000
2		4825.000	3.610	38.200	41.810	-12.160	53.970	AVERAGE	104.000	92.000
3	*	7148.000	13.013	30.900	43.913	-10.057	53.970	AVERAGE	165.000	108.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:36**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2412MHz – Above 1GHz**

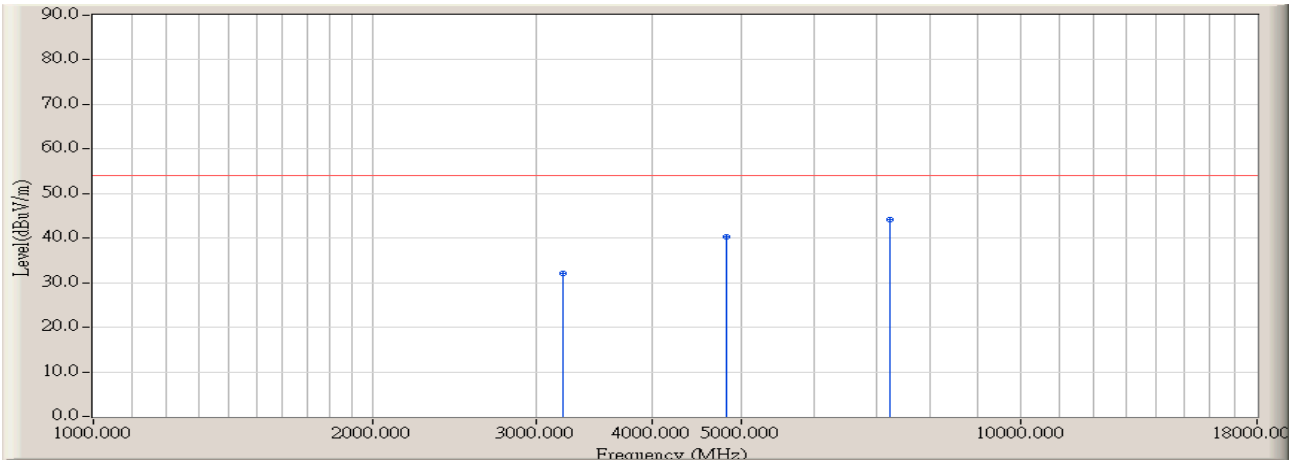


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3210.000	-1.490	48.590	47.100	-26.870	73.970	PEAK	100.000	82.000
2	*	4825.000	3.610	48.632	52.242	-21.728	73.970	PEAK	131.000	174.000
3		7233.000	12.273	38.522	50.795	-23.175	73.970	PEAK	102.000	52.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:36**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2412MHz – Above 1GHz**

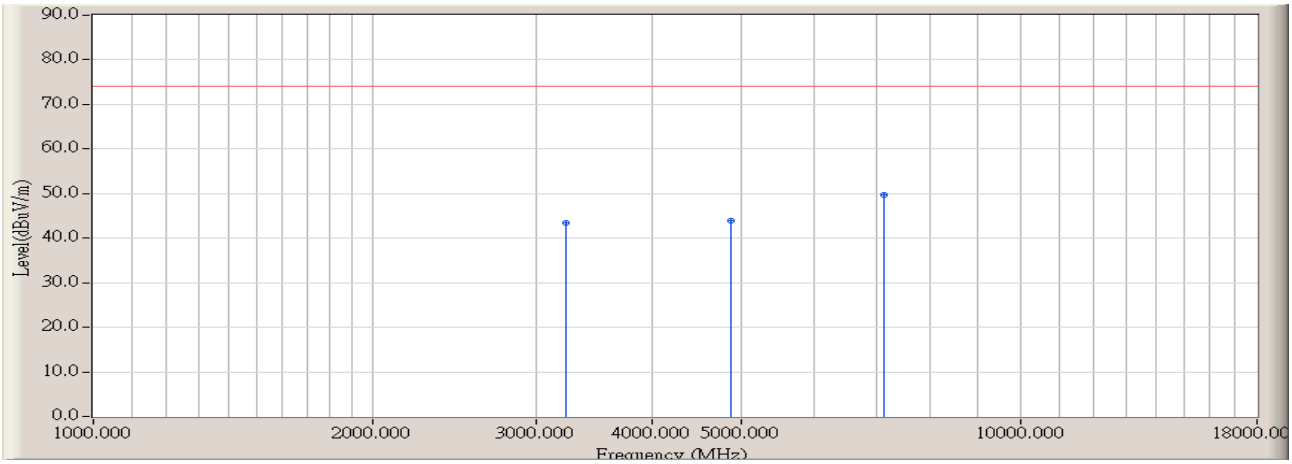


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3210.000	-1.490	33.500	32.010	-21.960	53.970	AVERAGE	100.000	82.000
2		4825.000	3.610	36.600	40.210	-13.760	53.970	AVERAGE	131.000	174.000
3	*	7233.000	12.273	31.800	44.073	-9.897	53.970	AVERAGE	102.000	52.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:36**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2437MHz – Above 1GHz**

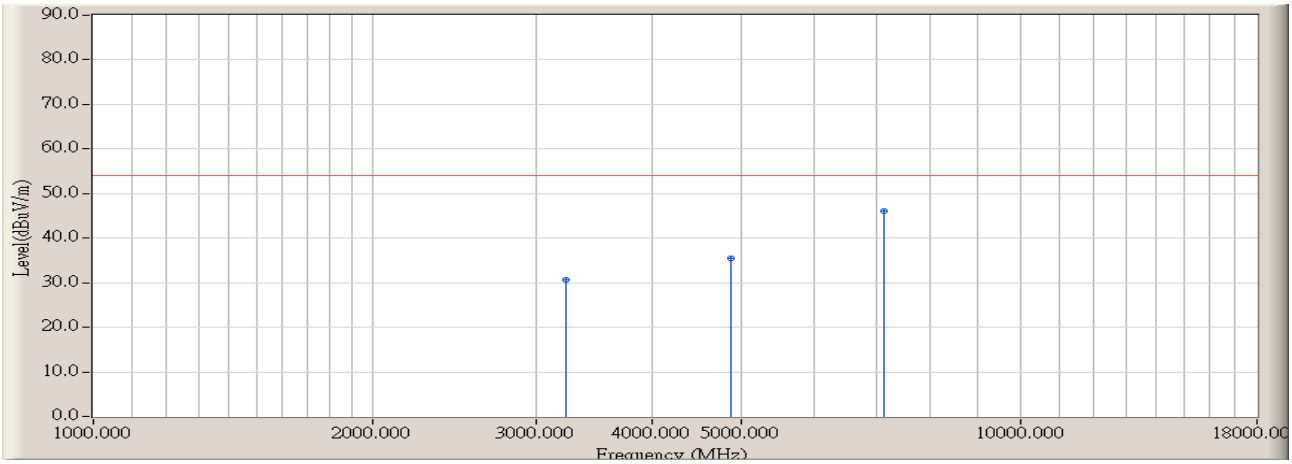


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3238.000	-1.743	45.170	43.427	-30.543	73.970	PEAK	109.000	168.000
2		4874.000	3.646	40.327	43.972	-29.998	73.970	PEAK	124.000	204.000
3	*	7120.000	12.580	37.160	49.740	-24.230	73.970	PEAK	108.000	320.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:36**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2437MHz – Above 1GHz**

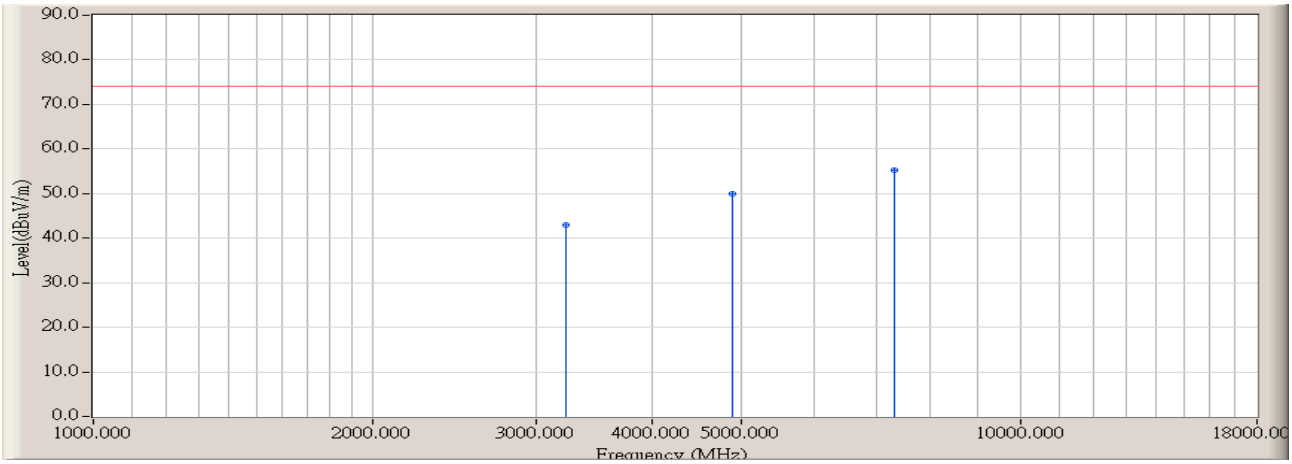


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3238.000	-1.743	32.500	30.757	-23.213	53.970	AVERAGE	109.000	168.000
2		4874.000	3.646	31.800	35.445	-18.525	53.970	AVERAGE	124.000	204.000
3	*	7120.000	12.580	33.400	45.980	-7.990	53.970	AVERAGE	108.000	320.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:37**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2437MHz – Above 1GHz**

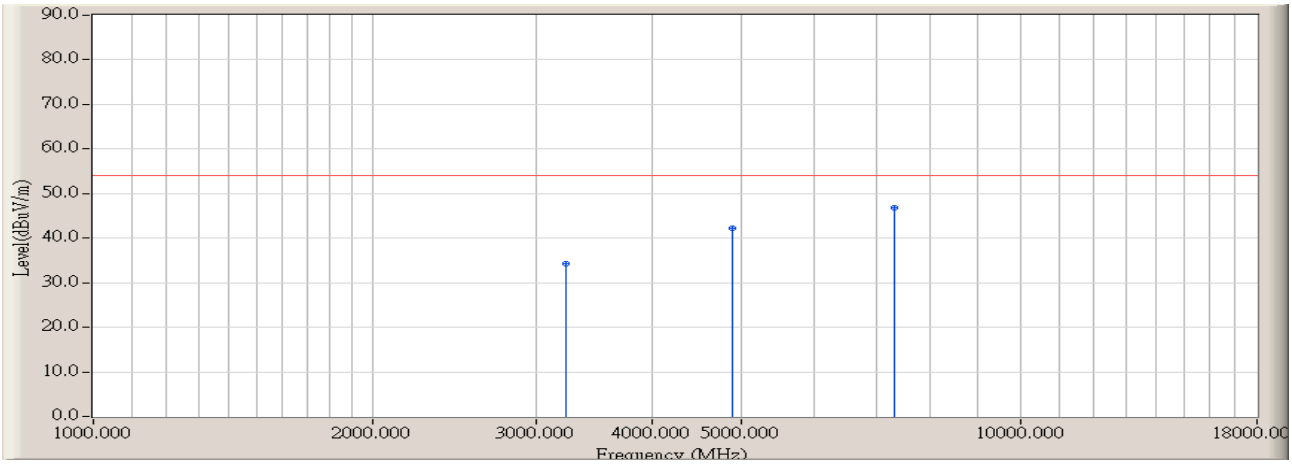


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3238.000	-1.743	44.676	42.933	-31.037	73.970	PEAK	104.000	159.000
2		4881.000	3.633	46.409	50.042	-23.928	73.970	PEAK	100.000	52.000
3	*	7318.000	12.017	43.137	55.154	-18.816	73.970	PEAK	102.000	172.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:37**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2437MHz – Above 1GHz**

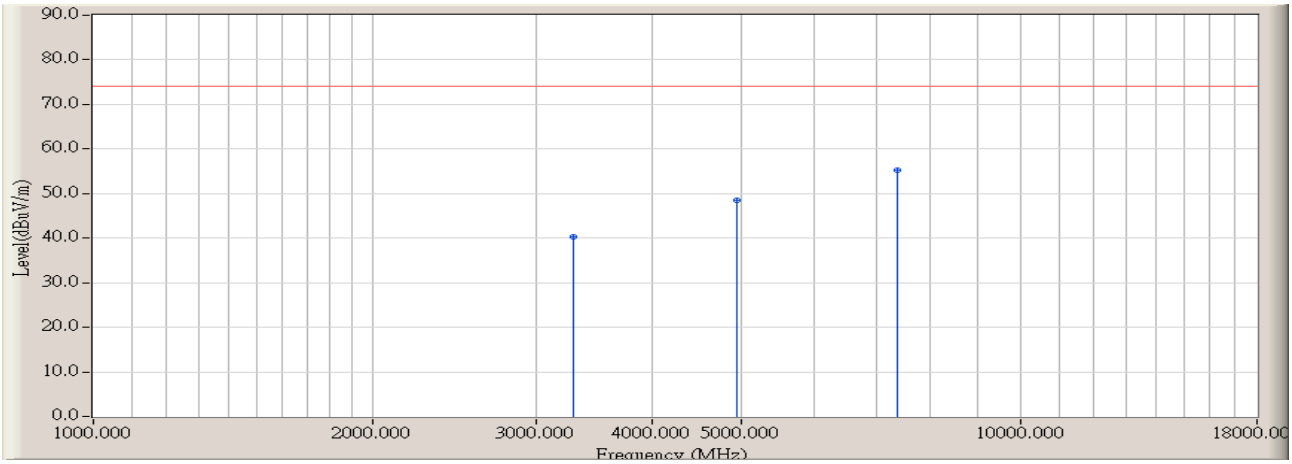


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3238.000	-1.743	35.900	34.157	-19.813	53.970	AVERAGE	104.000	159.000
2		4881.000	3.633	38.700	42.333	-11.637	53.970	AVERAGE	100.000	52.000
3	*	7318.000	12.017	34.900	46.917	-7.053	53.970	AVERAGE	102.000	172.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:37**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2462MHz – Above 1GHz**

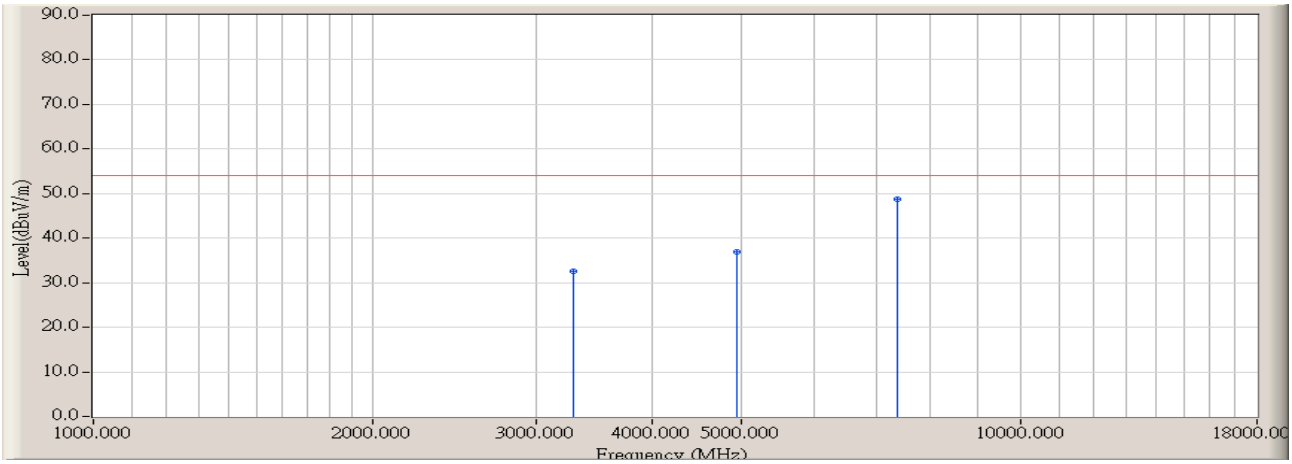


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3295.000	-1.720	42.063	40.343	-33.627	73.970	PEAK	173.000	56.000
2		4938.000	4.046	44.411	48.458	-25.512	73.970	PEAK	142.000	16.000
3	*	7375.000	11.650	43.527	55.177	-18.793	73.970	PEAK	146.000	164.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:37**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2462MHz – Above 1GHz**

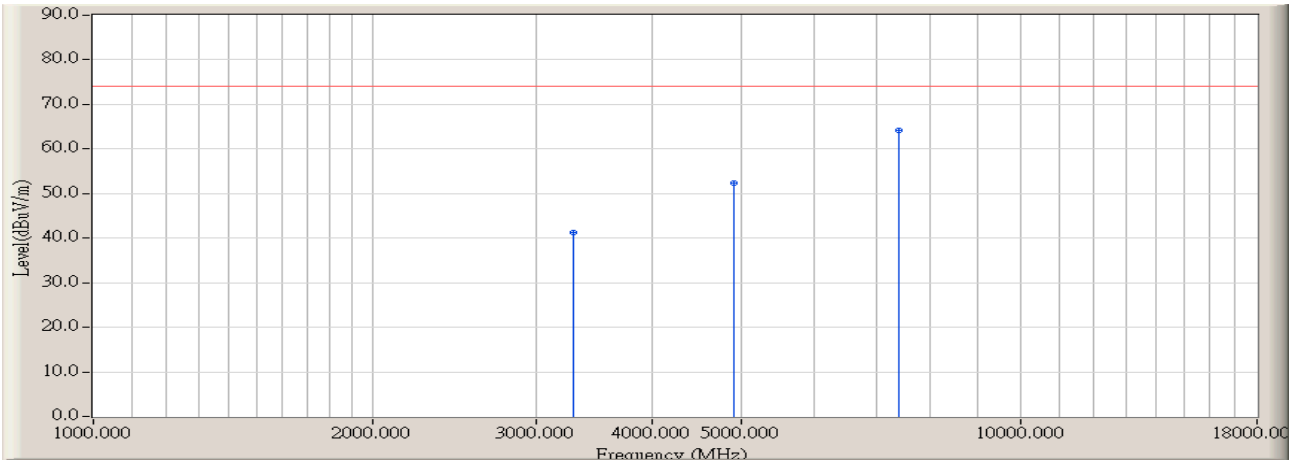


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3295.000	-1.720	34.200	32.480	-21.490	53.970	AVERAGE	173.000	56.000
2		4938.000	4.046	32.800	36.847	-17.123	53.970	AVERAGE	142.000	16.000
3	*	7375.000	11.650	37.200	48.850	-5.120	53.970	AVERAGE	146.000	164.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:37**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2462MHz – Above 1GHz**

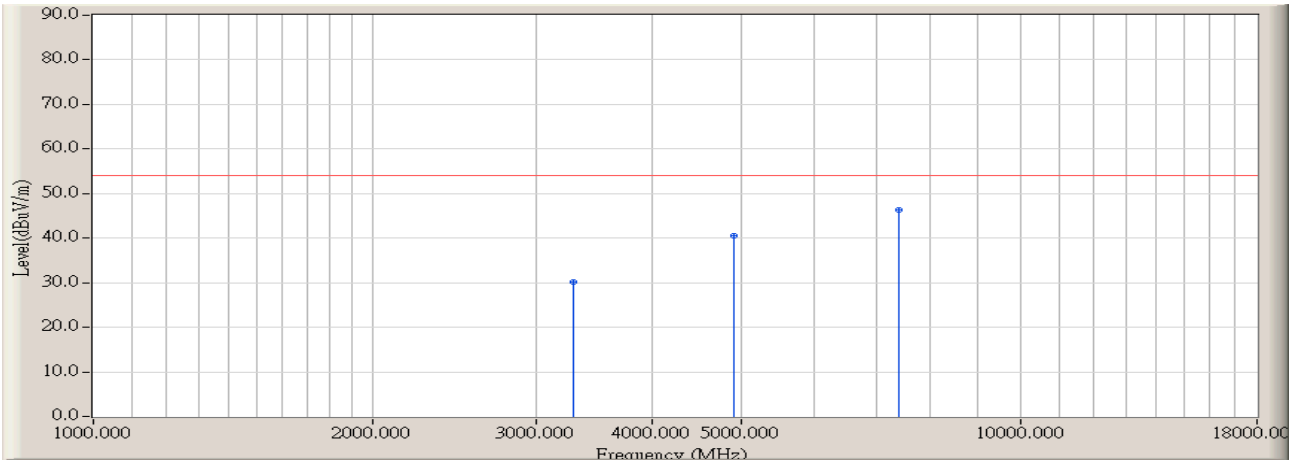


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3295.000	-1.720	42.977	41.257	-32.713	73.970	PEAK	106.000	86.000
2		4914.000	3.767	48.482	52.249	-21.721	73.970	PEAK	100.000	168.000
3	*	7385.000	11.639	52.562	64.200	-9.770	73.970	PEAK	100.000	176.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/06 - 16:37**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2462MHz – Above 1GHz**

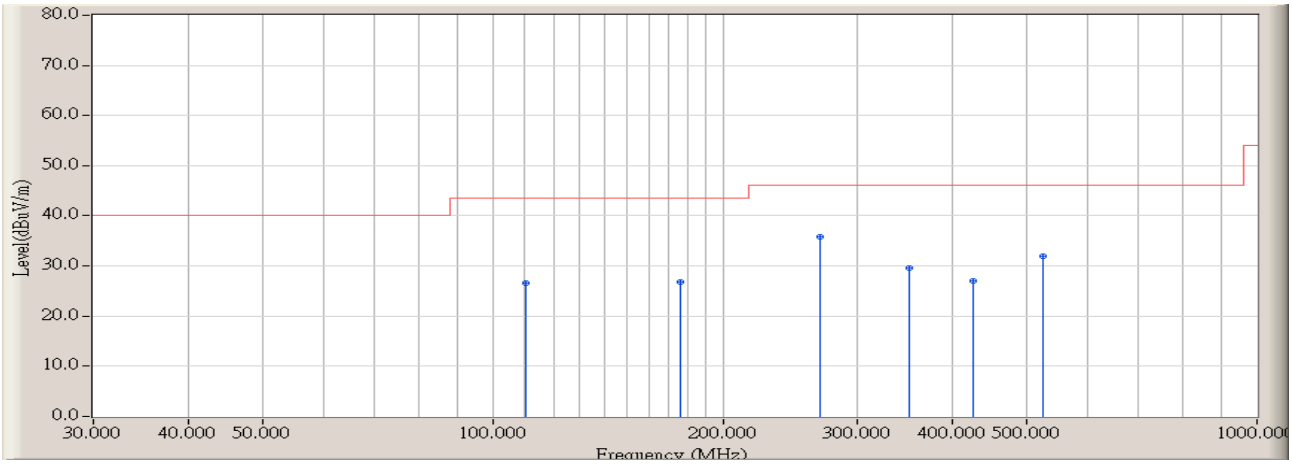


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3295.000	-1.720	31.900	30.180	-23.790	53.970	AVERAGE	106.000	86.000
2		4914.000	3.767	36.800	40.567	-13.403	53.970	AVERAGE	100.000	168.000
3	*	7385.000	11.639	34.610	46.248	-7.722	53.970	AVERAGE	100.000	176.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/25 - 14:49**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2412MHz – Below 1GHz**

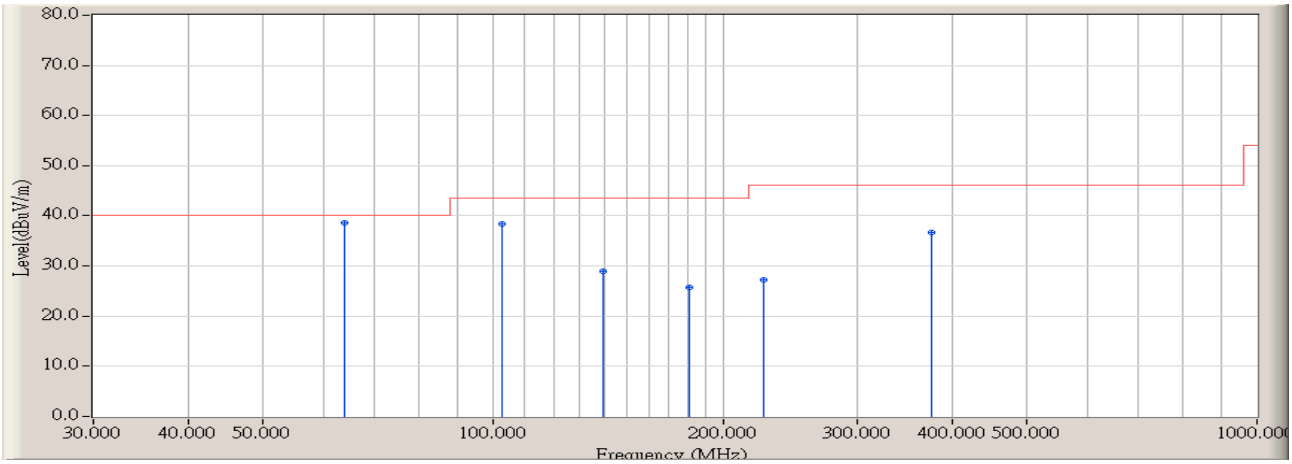


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		110.250	-10.246	36.800	26.554	-16.966	43.520	QUASIPEAK	125.000	77.900
2		175.575	-12.869	39.600	26.732	-16.788	43.520	QUASIPEAK	100.000	49.200
3	*	267.650	-9.056	44.800	35.744	-10.276	46.020	QUASIPEAK	174.000	342.000
4		350.250	-6.800	36.400	29.599	-16.421	46.020	QUASIPEAK	203.000	88.600
5		425.750	-4.434	31.500	27.066	-18.954	46.020	QUASIPEAK	115.000	93.400
6		524.725	-2.727	34.600	31.873	-14.147	46.020	QUASIPEAK	109.000	69.400

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/25 - 14:53**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2412MHz – Below 1GHz**

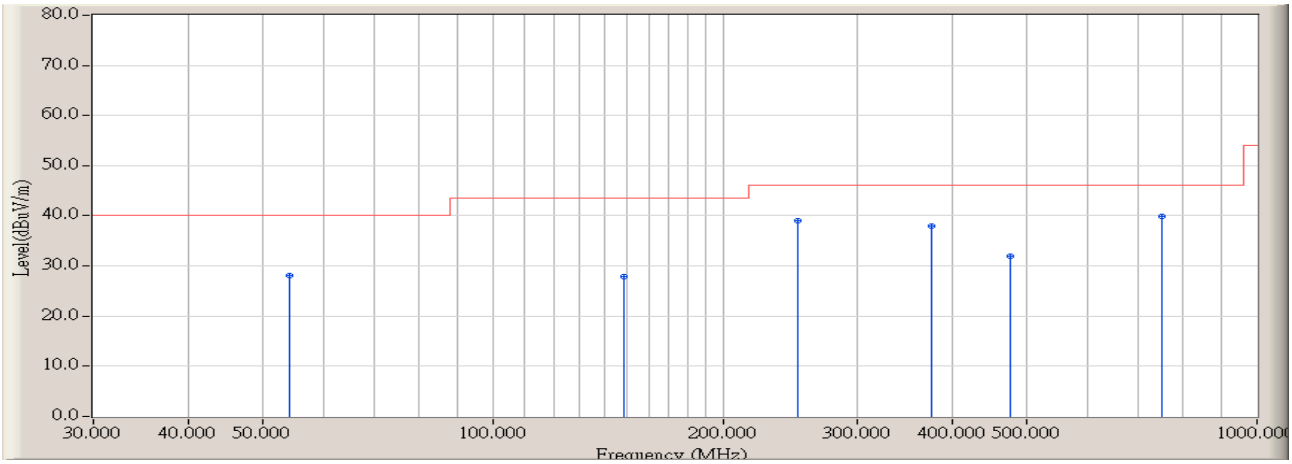


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	63.950	-16.652	55.200	38.548	-1.452	40.000	QUASIPEAK	100.000	183.000
2		102.750	-11.069	49.500	38.431	-5.089	43.520	QUASIPEAK	114.000	226.500
3		139.250	-10.921	39.800	28.879	-14.641	43.520	QUASIPEAK	100.000	88.300
4		180.500	-13.150	38.800	25.651	-17.869	43.520	QUASIPEAK	204.000	184.600
5		226.425	-12.479	39.800	27.321	-18.699	46.020	QUASIPEAK	100.000	75.900
6		375.425	-5.996	42.600	36.604	-9.416	46.020	QUASIPEAK	100.000	105.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/25 - 15:03**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2437MHz – Below 1GHz**

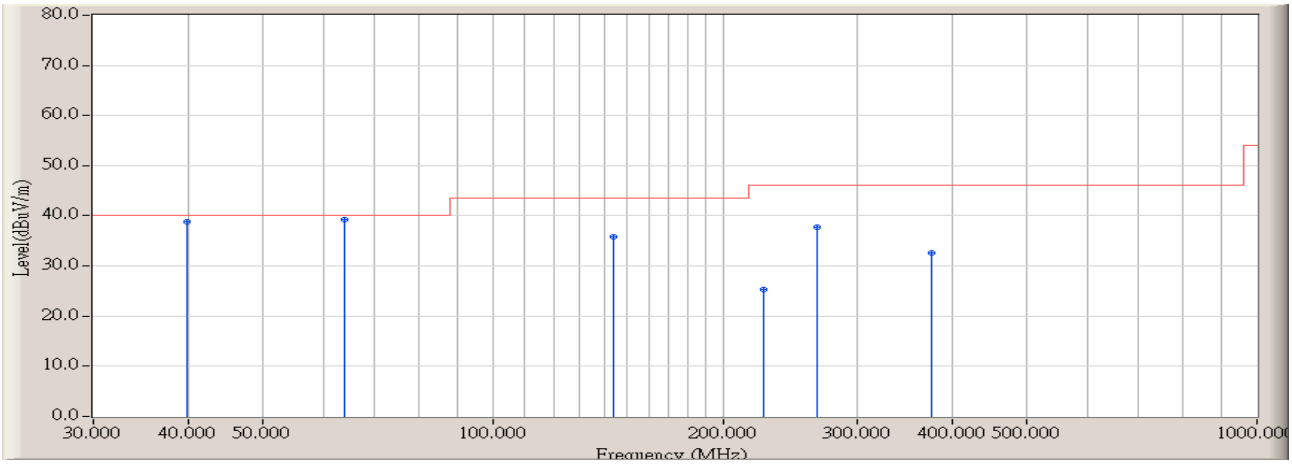


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		54.250	-15.691	43.700	28.009	-11.991	40.000	QUASIPEAK	106.000	93.000
2		148.525	-11.765	39.700	27.935	-15.585	43.520	QUASIPEAK	134.000	226.000
3		250.750	-9.514	48.500	38.986	-7.034	46.020	QUASIPEAK	100.000	65.800
4		375.350	-5.996	43.900	37.904	-8.116	46.020	QUASIPEAK	108.000	145.600
5		476.500	-3.447	35.300	31.853	-14.167	46.020	QUASIPEAK	117.900	95.800
6	*	750.525	0.131	39.800	39.931	-6.089	46.020	QUASIPEAK	108.000	46.900

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/25 - 15:07**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2437MHz – Below 1GHz**

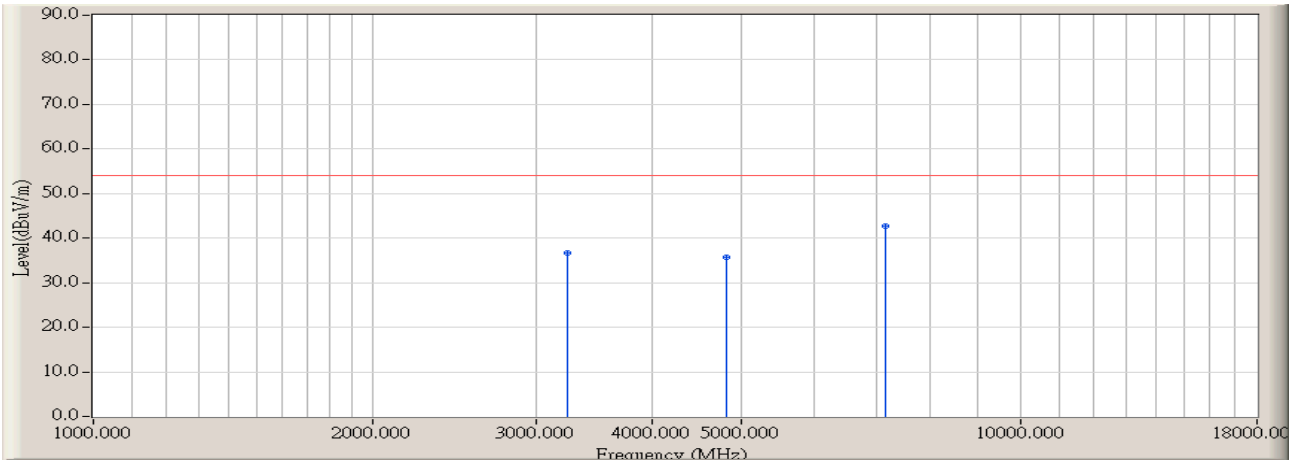


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		39.750	-9.998	48.800	38.802	-1.198	40.000	QUASIPEAK	105.000	74.900
2	*	63.950	-16.652	55.900	39.248	-0.752	40.000	QUASIPEAK	100.000	48.500
3		143.750	-11.318	47.200	35.882	-7.638	43.520	QUASIPEAK	100.000	146.700
4		226.450	-12.475	37.800	25.325	-20.695	46.020	QUASIPEAK	126.000	314.000
5		265.250	-8.975	46.700	37.725	-8.295	46.020	QUASIPEAK	100.000	304.000
6		375.350	-5.996	38.600	32.604	-13.416	46.020	QUASIPEAK	112.000	228.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 15:35**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2412MHz – Above 1GHz**

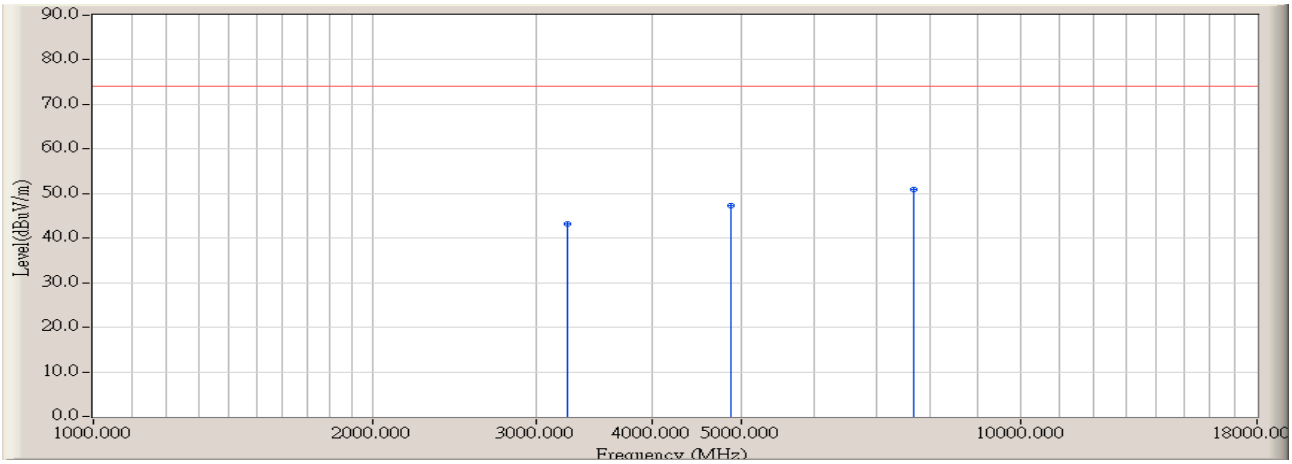


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3245.000	-1.791	38.500	36.709	-17.261	53.970	AVERAGE	162.000	32.000
2		4826.000	3.616	32.200	35.816	-18.154	53.970	AVERAGE	144.000	104.000
3	*	7140.000	12.930	29.800	42.731	-11.239	53.970	AVERAGE	156.000	325.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 15:35**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2412MHz – Above 1GHz**

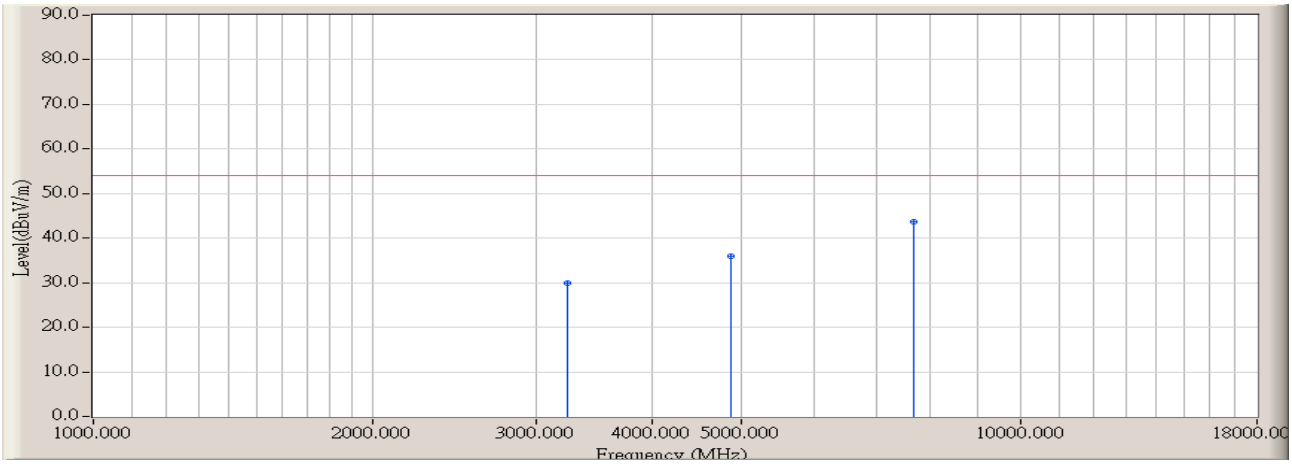


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3245.000	-1.791	45.008	43.217	-30.753	73.970	PEAK	100.000	49.000
2		4877.000	3.638	43.682	47.320	-26.650	73.970	PEAK	105.000	84.000
3	*	7675.000	12.809	38.210	51.018	-22.952	73.970	PEAK	100.000	184.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 15:35**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2412MHz – Above 1GHz**

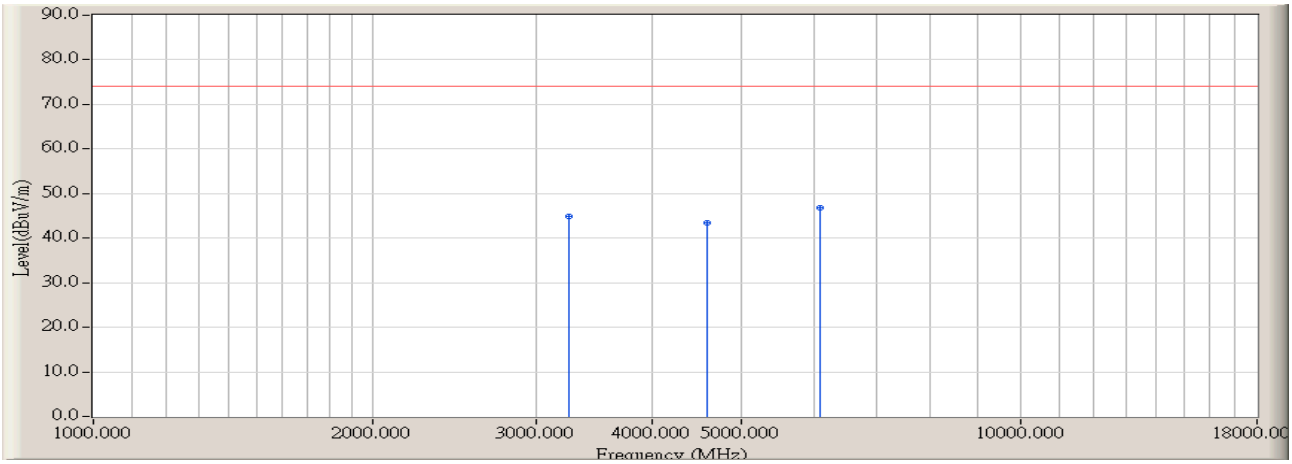


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3245.000	-1.791	31.800	30.009	-23.961	53.970	AVERAGE	100.000	49.000
2		4877.000	3.638	32.400	36.038	-17.932	53.970	AVERAGE	105.000	84.000
3	*	7675.000	12.809	30.900	43.708	-10.262	53.970	AVERAGE	100.000	184.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 15:35**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2437MHz – Above 1GHz**

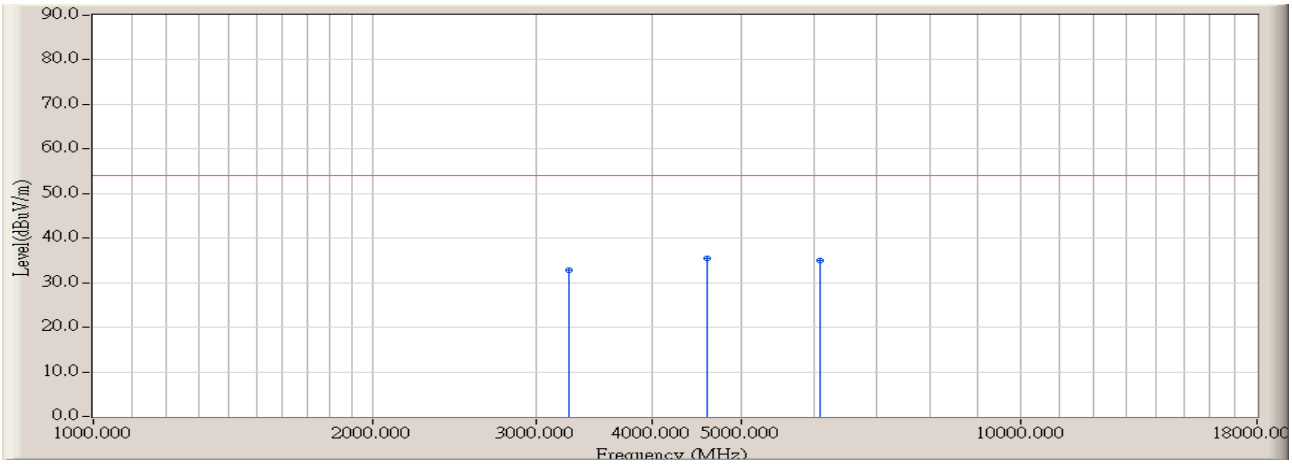


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3253.000	-1.801	46.792	44.991	-28.979	73.970	PEAK	148.000	52.000
2		4597.000	2.866	40.485	43.351	-30.619	73.970	PEAK	174.000	59.000
3	*	6085.000	6.358	40.333	46.691	-27.279	73.970	PEAK	162.000	308.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 15:35**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2437MHz – Above 1GHz**

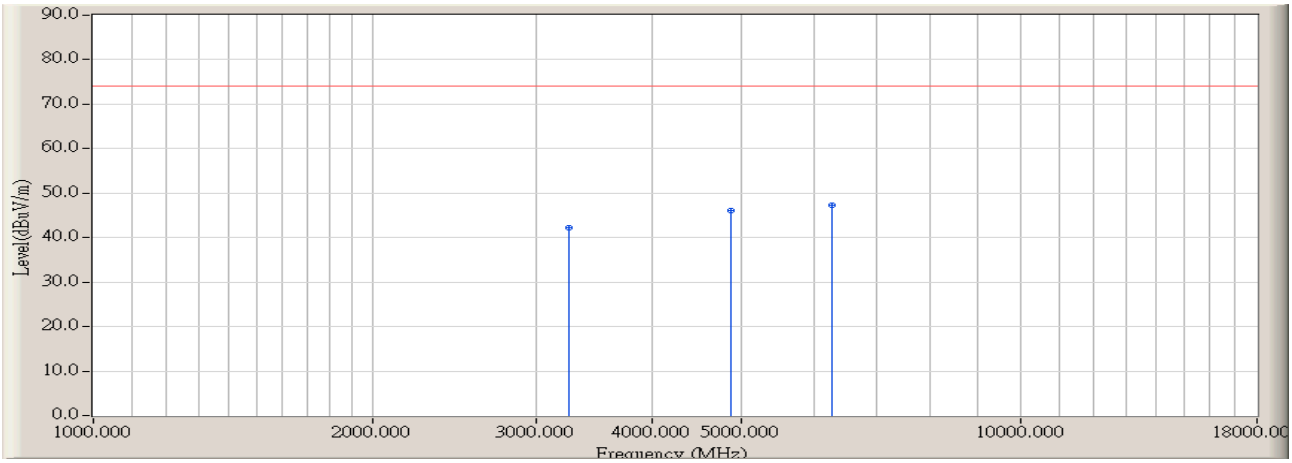


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3253.000	-1.801	34.500	32.699	-21.271	53.970	AVERAGE	148.000	52.000
2	*	4597.000	2.866	32.500	35.366	-18.604	53.970	AVERAGE	174.000	59.000
3		6085.000	6.358	28.600	34.958	-19.012	53.970	AVERAGE	162.000	308.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 15:35**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2437MHz – Above 1GHz**

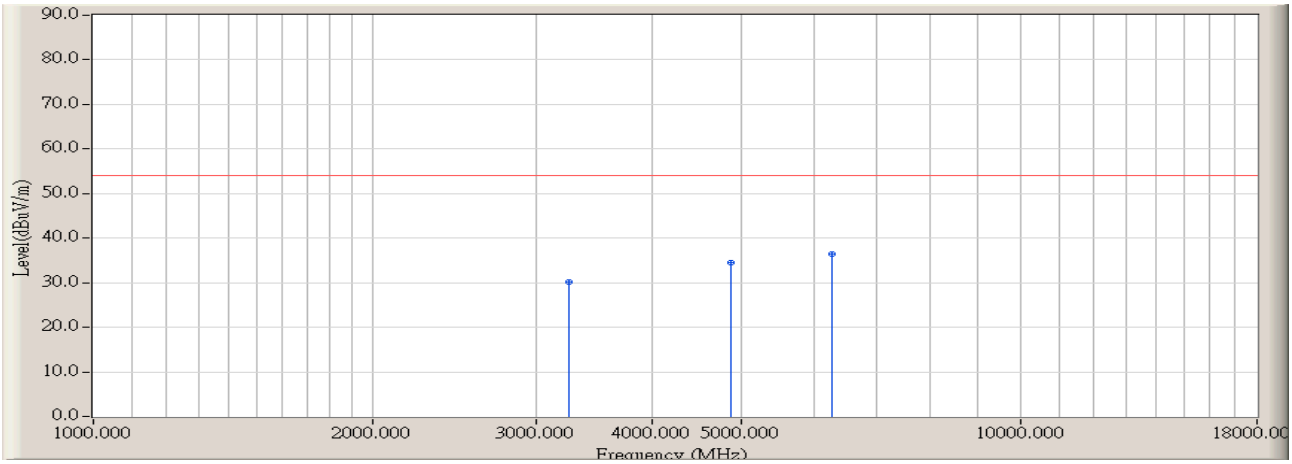


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3253.000	-1.801	44.025	42.224	-31.746	73.970	PEAK	115.000	12.000
2		4877.000	3.638	42.561	46.199	-27.771	73.970	PEAK	100.000	224.000
3	*	6264.000	7.775	39.462	47.237	-26.733	73.970	PEAK	110.000	265.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 15:35**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2437MHz – Above 1GHz**

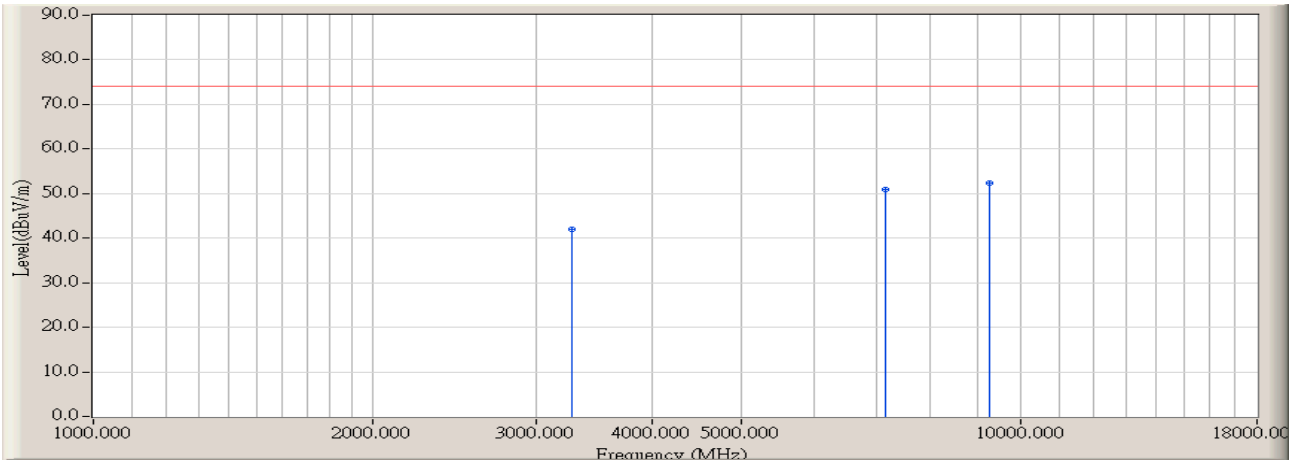


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3253.000	-1.801	31.900	30.099	-23.871	53.970	AVERAGE	115.000	12.000
2		4877.000	3.638	30.900	34.538	-19.432	53.970	AVERAGE	100.000	224.000
3	*	6264.000	7.775	28.700	36.475	-17.495	53.970	AVERAGE	110.000	265.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 15:35**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2462MHz – Above 1GHz**

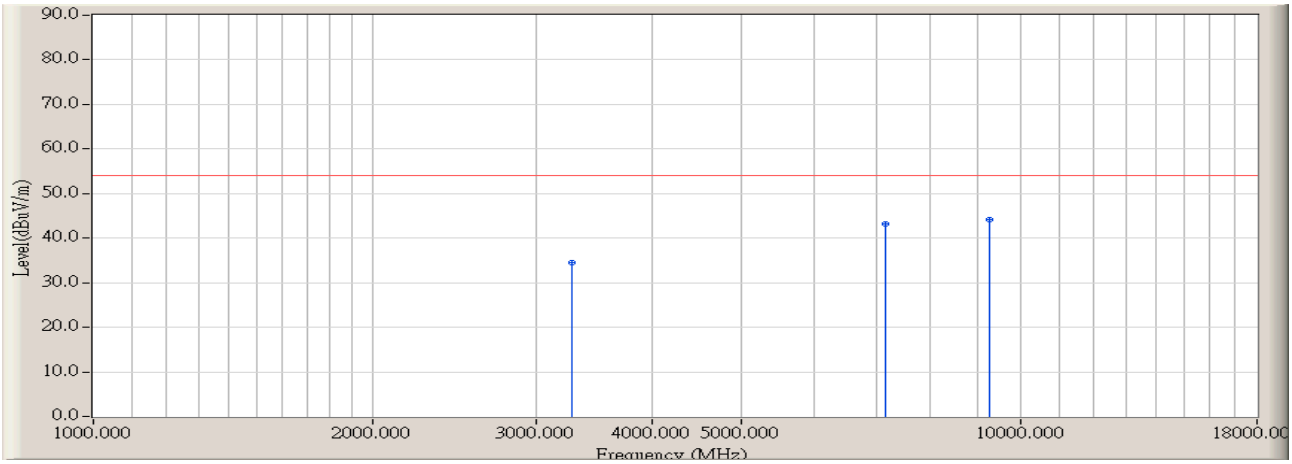


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3279.140	-1.758	43.807	42.050	-31.920	73.970	PEAK	154.000	16.000
2		7157.000	13.019	37.856	50.875	-23.095	73.970	PEAK	162.000	92.000
3	*	9257.000	14.766	37.550	52.316	-21.654	73.970	PEAK	186.000	149.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 15:35**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2462MHz – Above 1GHz**

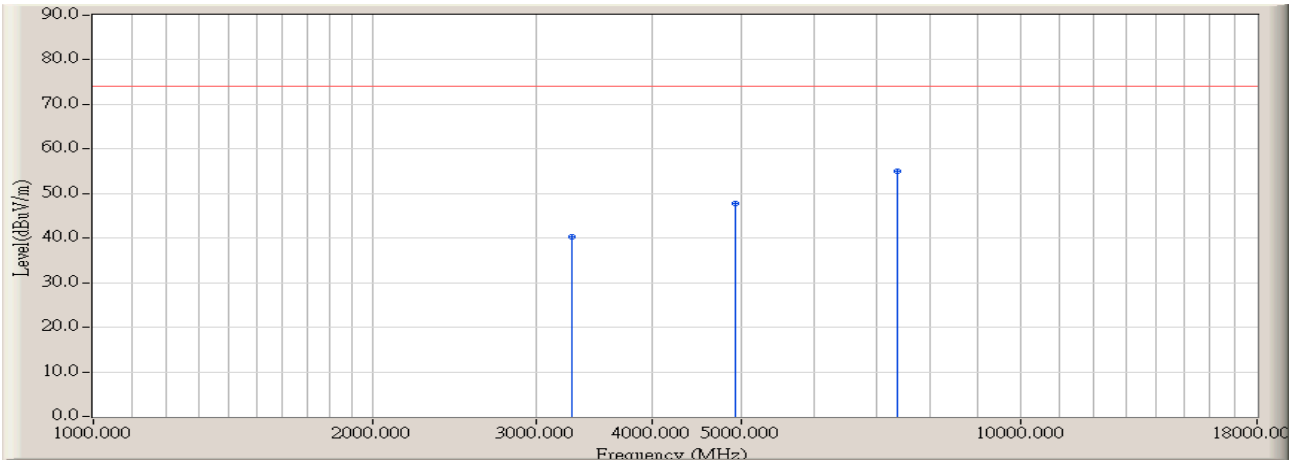


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3279.140	-1.758	36.200	34.443	-19.527	53.970	AVERAGE	154.000	16.000
2		7157.000	13.019	30.200	43.219	-10.751	53.970	AVERAGE	162.000	92.000
3	*	9257.000	14.766	29.400	44.166	-9.804	53.970	AVERAGE	186.000	149.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 15:35**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2462MHz – Above 1GHz**

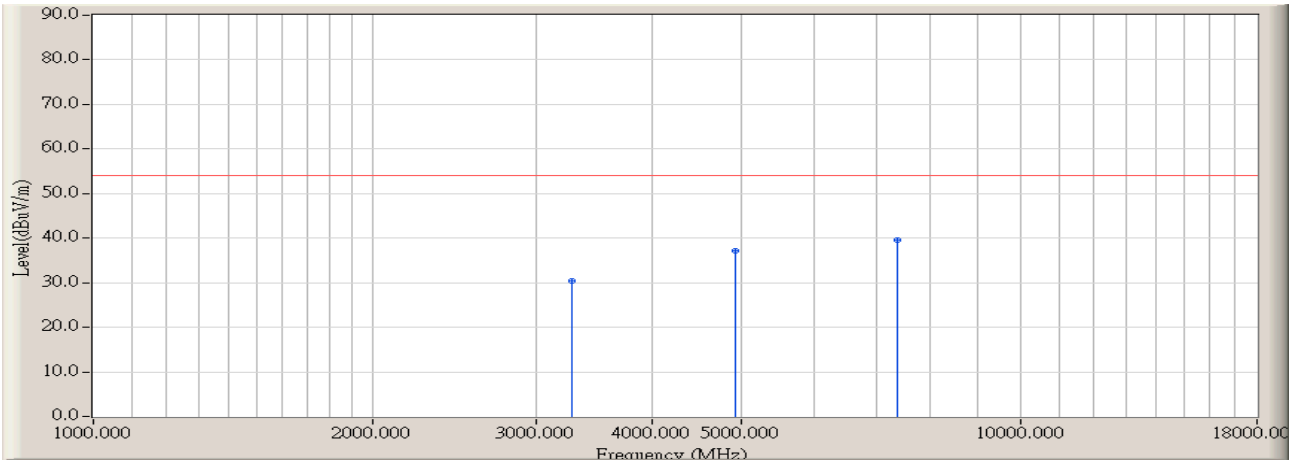


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3279.140	-1.758	41.957	40.200	-33.770	73.970	PEAK	104.000	122.000
2		4928.900	3.941	43.951	47.893	-26.077	73.970	PEAK	100.000	294.000
3	*	7378.100	11.647	43.253	54.899	-19.071	73.970	PEAK	100.000	24.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 15:35**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2462MHz – Above 1GHz**

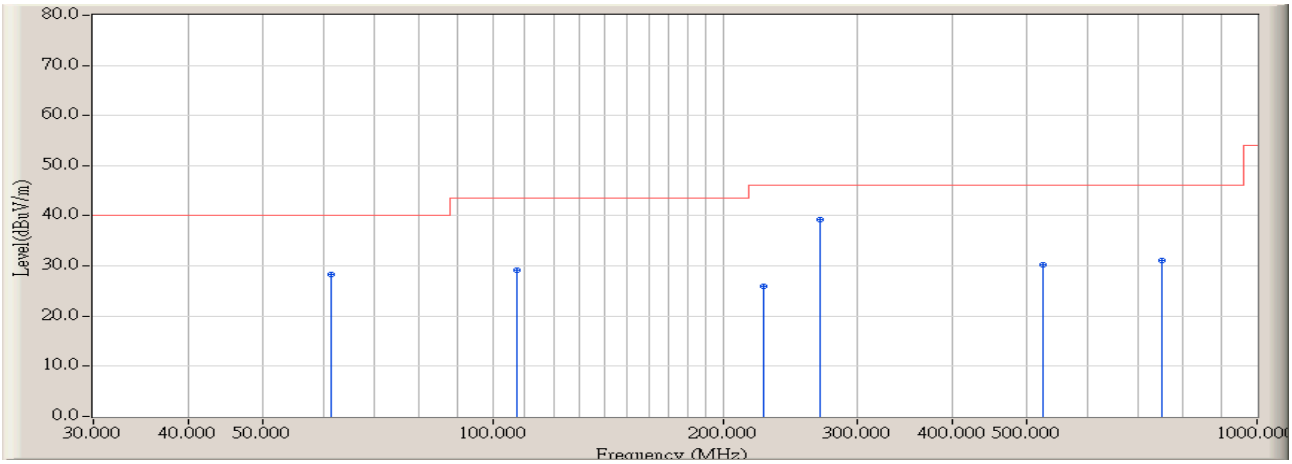


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3279.140	-1.758	32.200	30.443	-23.527	53.970	AVERAGE	104.000	122.000
2		4928.900	3.941	33.100	37.042	-16.928	53.970	AVERAGE	100.000	294.000
3	*	7378.100	11.647	27.900	39.546	-14.424	53.970	AVERAGE	100.000	24.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/25 - 15:27**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11g turbo g at 2437MHz – Below 1GHz**

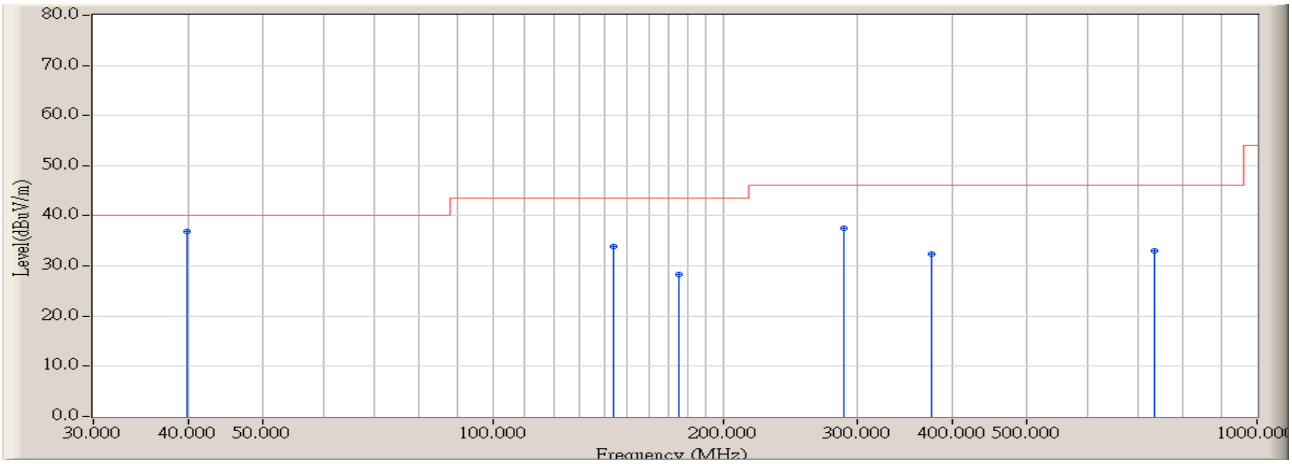


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		61.500	-16.529	44.800	28.271	-11.729	40.000	QUASIPEAK	100.000	94.800
2		107.600	-10.474	39.700	29.226	-14.294	43.520	QUASIPEAK	143.800	215.000
3		226.450	-12.475	38.500	26.025	-19.995	46.020	QUASIPEAK	106.400	76.800
4	*	267.565	-9.054	48.400	39.346	-6.674	46.020	QUASIPEAK	126.000	205.000
5		525.750	-2.732	32.900	30.169	-15.851	46.020	QUASIPEAK	117.000	83.400
6		750.250	0.128	30.900	31.028	-14.992	46.020	QUASIPEAK	146.800	59.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/25 - 15:33**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : CBL6112D_22254(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11g turbo g at 2437MHz – Below 1GHz**

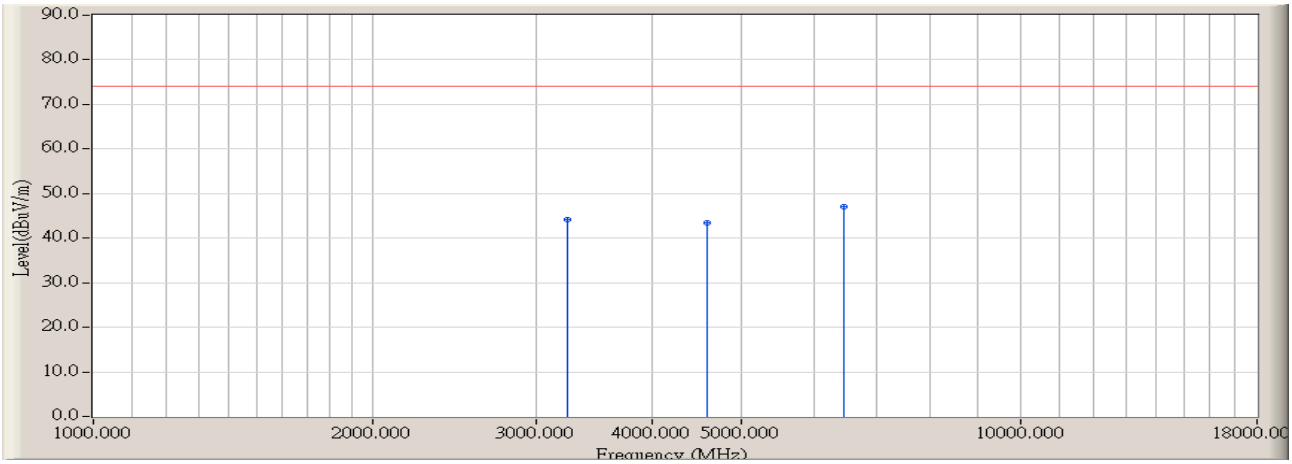


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	39.750	-9.998	46.800	36.802	-3.198	40.000	QUASIPEAK	100.000	49.600
2		143.950	-11.340	45.200	33.861	-9.659	43.520	QUASIPEAK	106.500	81.300
3		175.500	-12.863	41.200	28.337	-15.183	43.520	QUASIPEAK	100.000	63.400
4		287.500	-8.760	46.200	37.440	-8.580	46.020	QUASIPEAK	100.000	73.800
5		375.500	-5.997	38.400	32.403	-13.617	46.020	QUASIPEAK	100.000	139.800
6		735.650	0.253	32.800	33.053	-12.967	46.020	QUASIPEAK	107.500	136.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 15:36**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11g turbo g at 2437MHz – Above 1GHz**

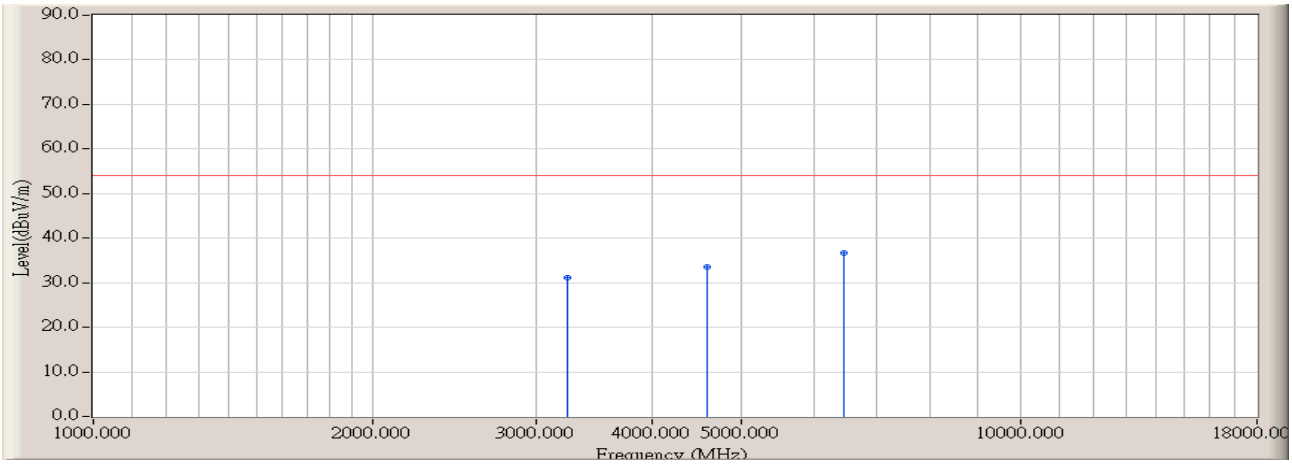


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3245.200	-1.791	45.955	44.164	-29.806	73.970	PEAK	195.000	48.000
2		4588.000	2.836	40.551	43.387	-30.583	73.970	PEAK	142.000	55.000
3	*	6442.400	8.324	38.753	47.078	-26.892	73.970	PEAK	104.000	183.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 15:36**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11g turbo g at 2437MHz – Above 1GHz**

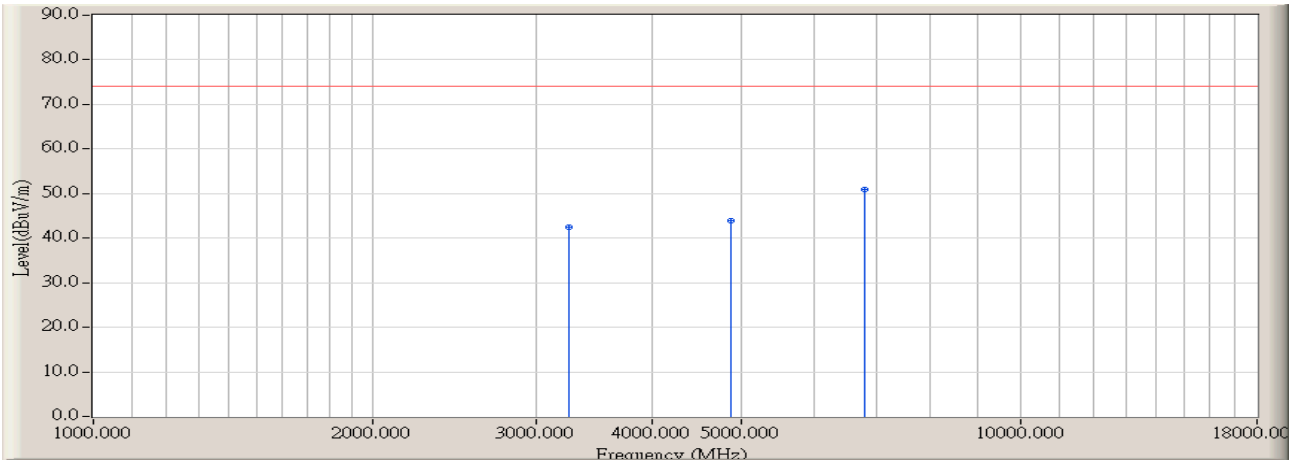


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3245.200	-1.791	32.800	31.009	-22.961	53.970	AVERAGE	195.000	48.000
2		4588.000	2.836	30.800	33.636	-20.334	53.970	AVERAGE	142.000	55.000
3	*	6442.400	8.324	28.400	36.725	-17.245	53.970	AVERAGE	104.000	183.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 15:36**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11g turbo g at 2437MHz – Above 1GHz**

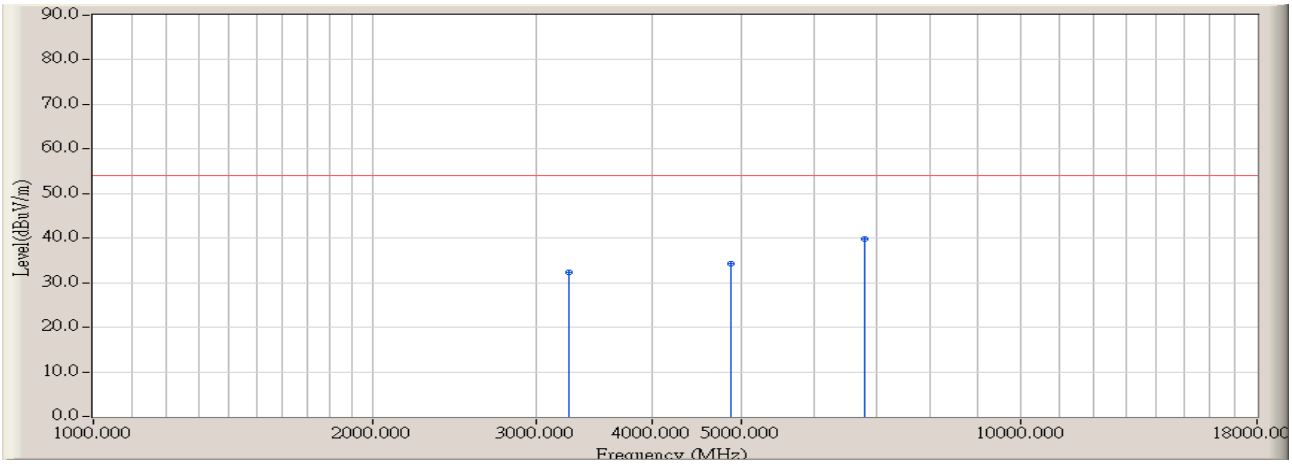


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3253.600	-1.801	44.158	42.357	-31.613	73.970	PEAK	124.000	92.000
2		4877.900	3.638	40.331	43.969	-30.001	73.970	PEAK	100.000	92.000
3	*	6782.800	9.973	40.854	50.827	-23.143	73.970	PEAK	100.000	82.000

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 15:36**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11g turbo g at 2437MHz – Above 1GHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3253.600	-1.801	34.200	32.399	-21.571	53.970	AVERAGE	124.000	92.000
2		4877.900	3.638	30.700	34.338	-19.632	53.970	AVERAGE	100.000	92.000
3	*	6782.800	9.973	29.800	39.773	-14.197	53.970	AVERAGE	100.000	82.000

Note:

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

5. RF Antenna Conducted Spurious

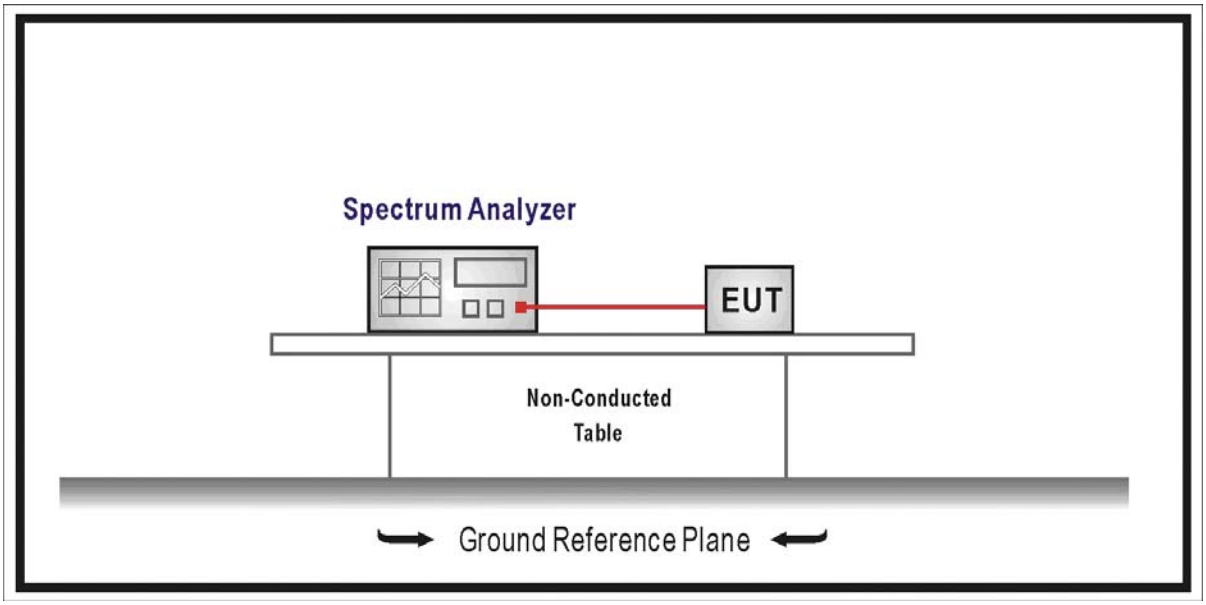
5.1. Test Equipment

RF Antenna Conducted Spurious / AC-4

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2007/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2007/11/30

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

5.2. Test Setup



5.3. Limit

In any 100 kHz 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 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

5.4. 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 = 100 kHz, Set VBW > RBW, scan up through 10th harmonic.

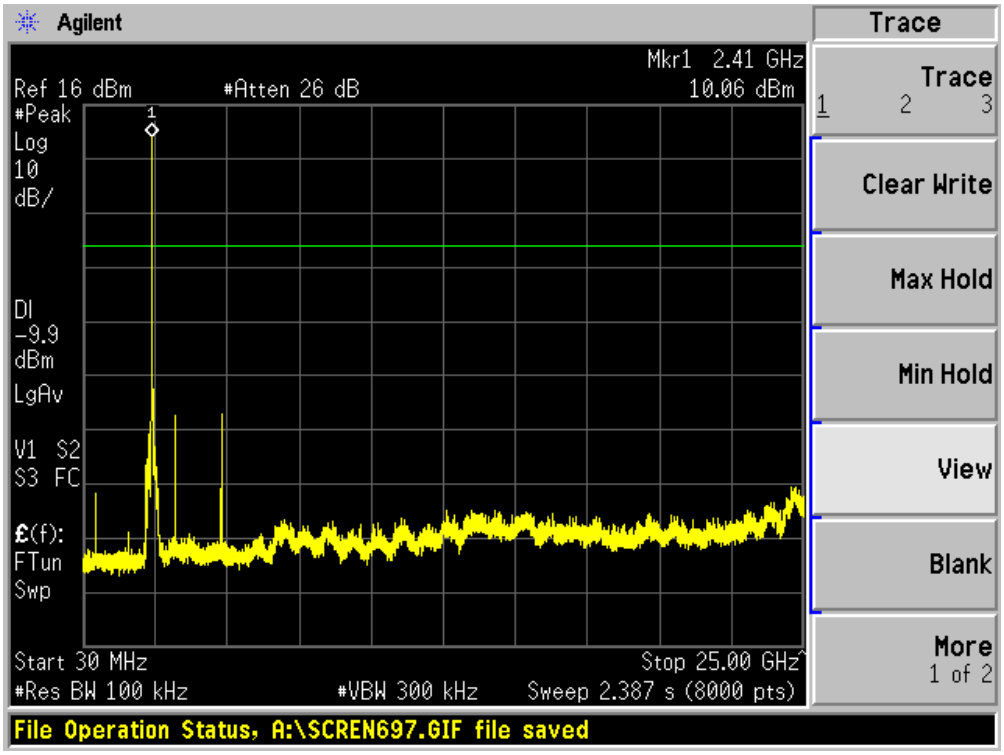
5.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

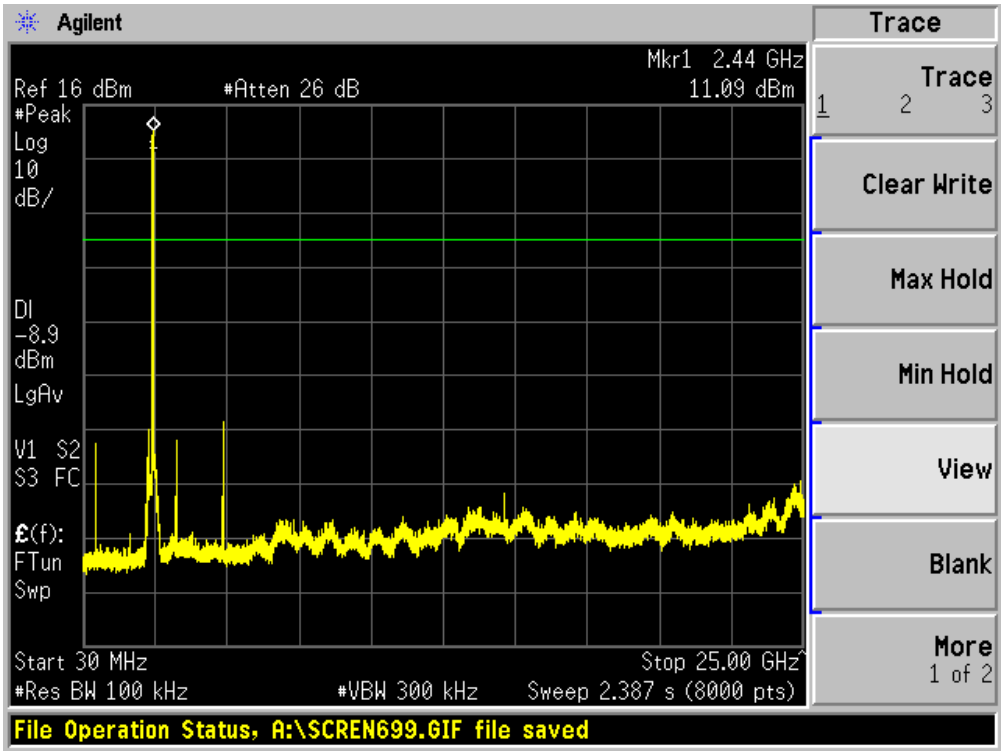
5.6. Test Result

Product	:	Wireless Access Point
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-4
Test Mode	:	Mode 1: Transmit by 802.11b

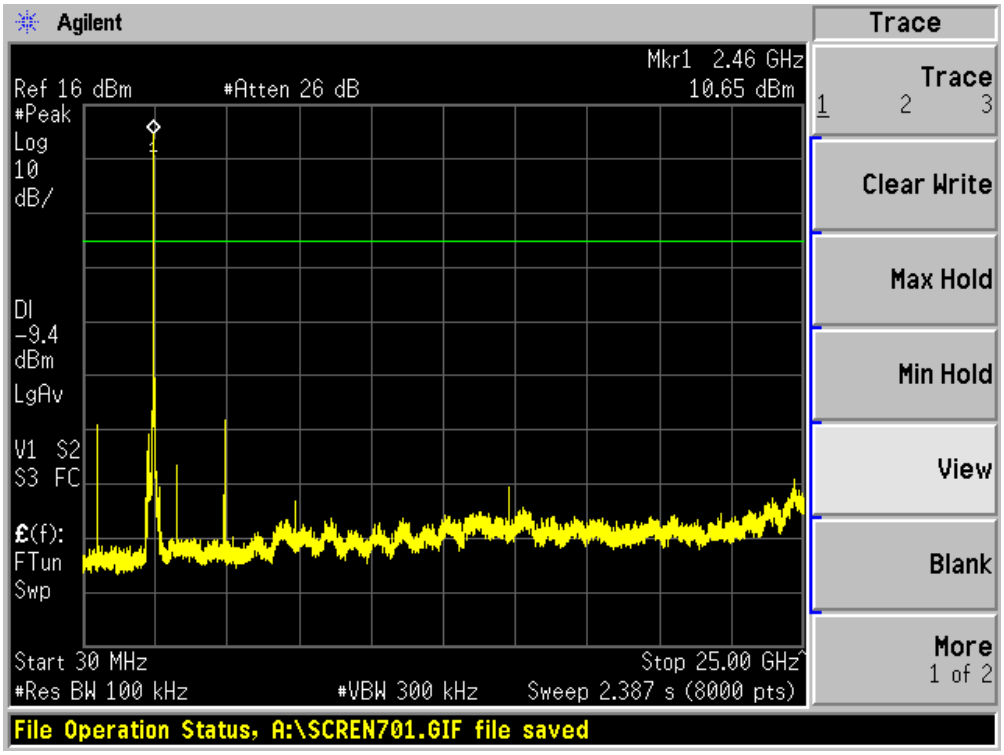
Channel 01 (2412MHz)



Channel 06 (2437MHz)

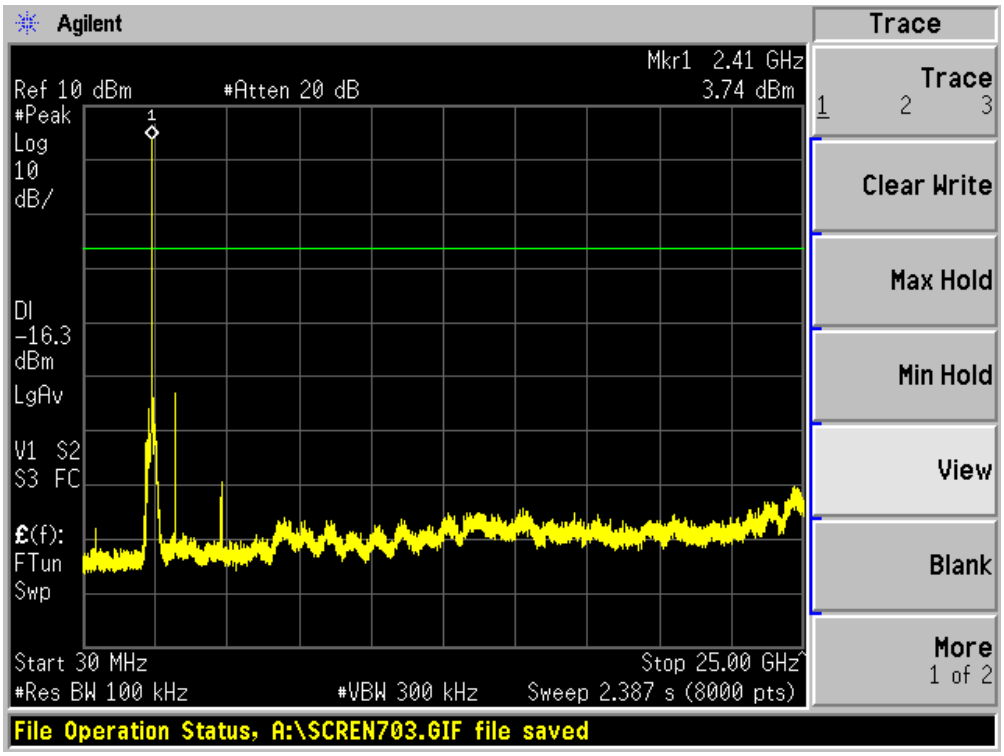


Channel 11 (2462MHz)

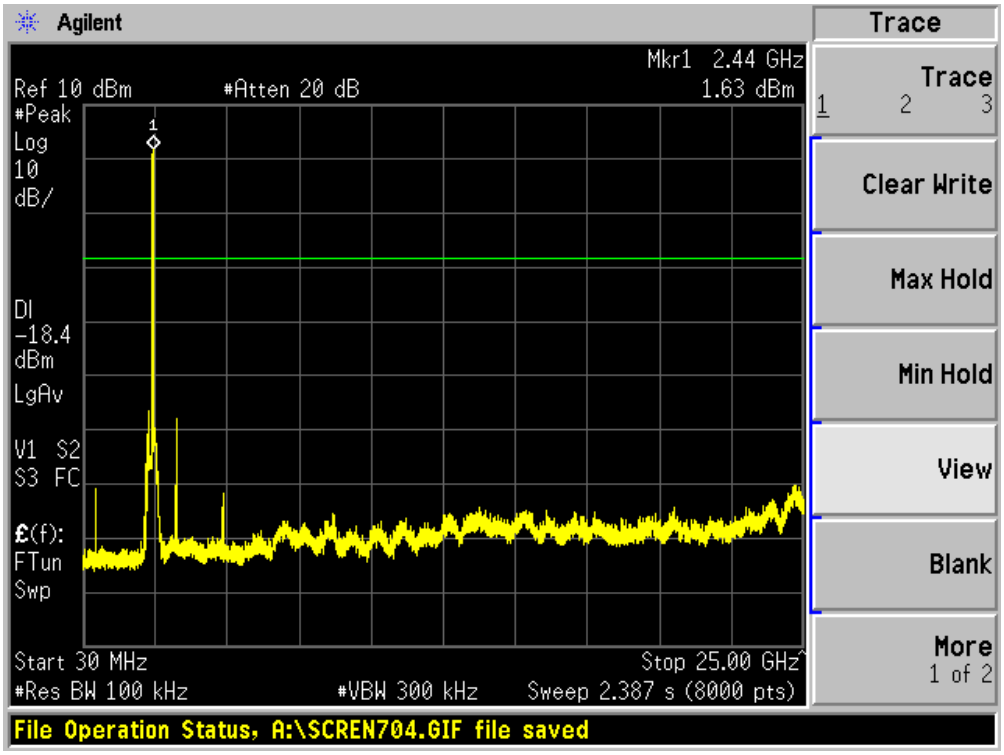


Product	:	Wireless Access Point
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-4
Test Mode	:	Mode 2: Transmit by 802.11g

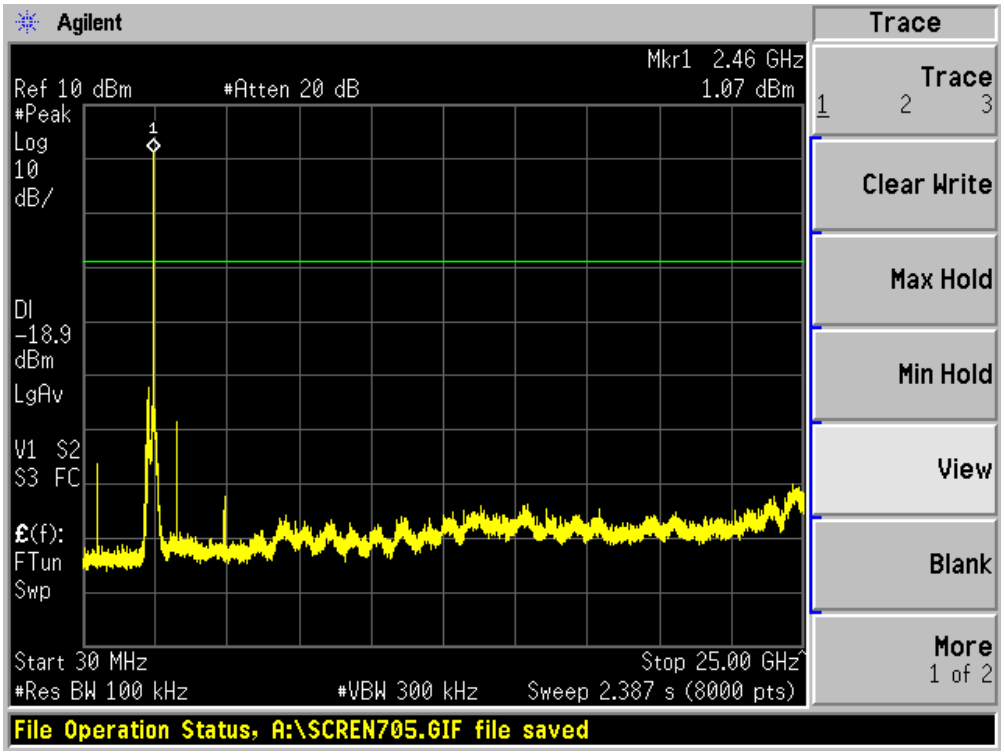
Channel 01 (2412MHz)



Channel 06 (2437MHz)

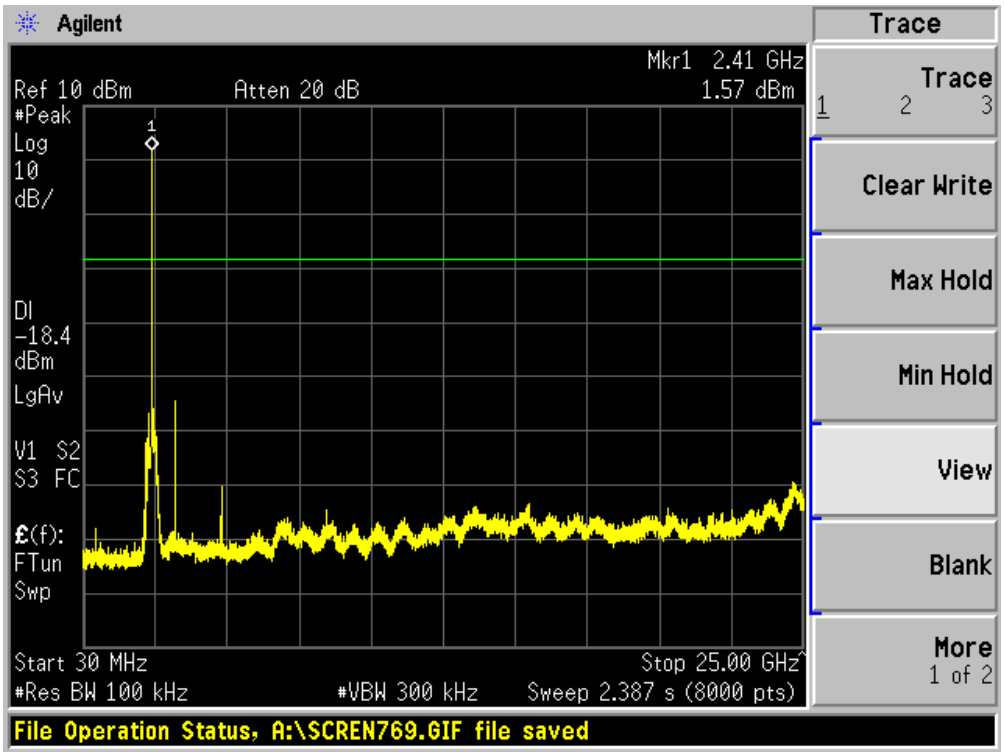


Channel 11 (2462MHz)

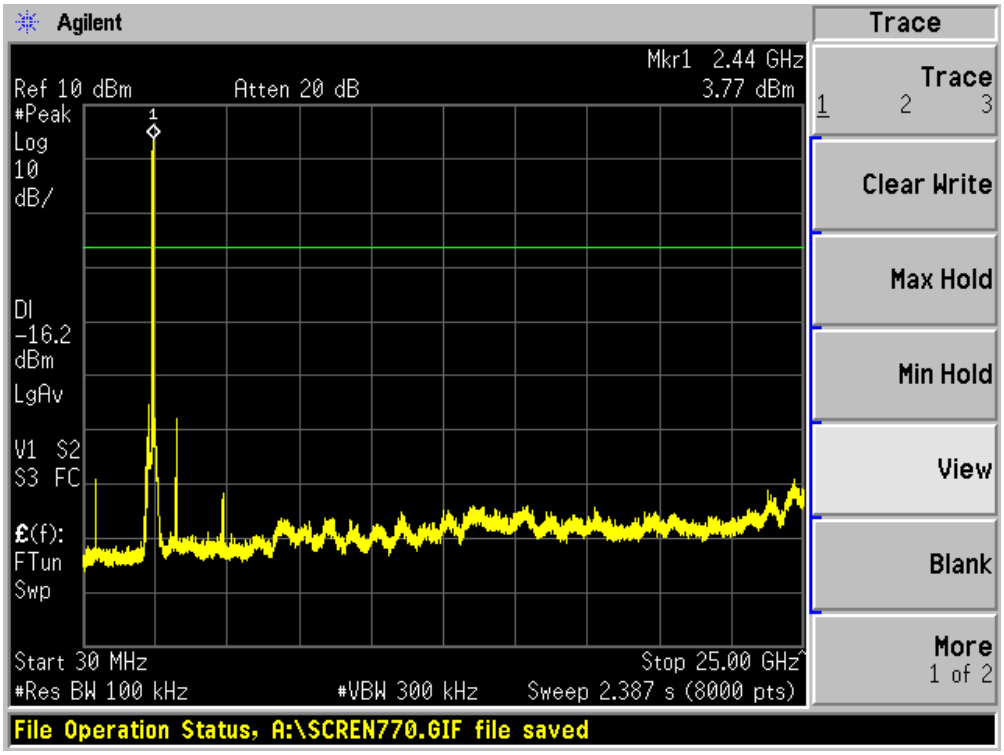


Product	:	Wireless Access Point
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-4
Test Mode	:	Mode 3: Transmit by 802.11 super g

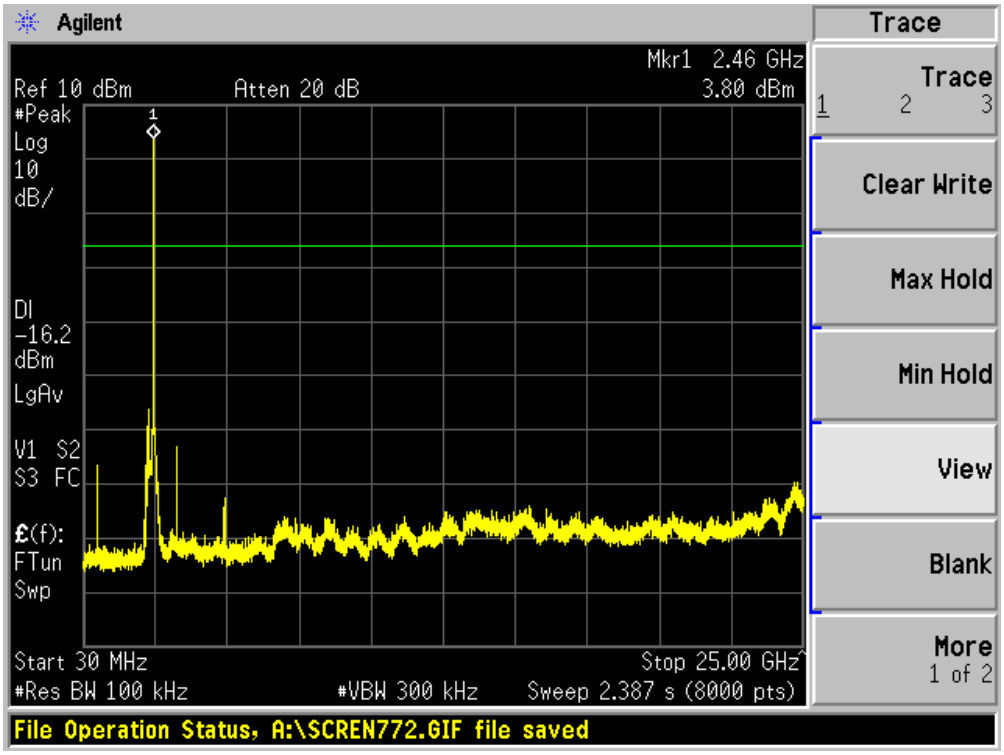
Channel 01 (2412MHz)



Channel 06 (2437MHz)

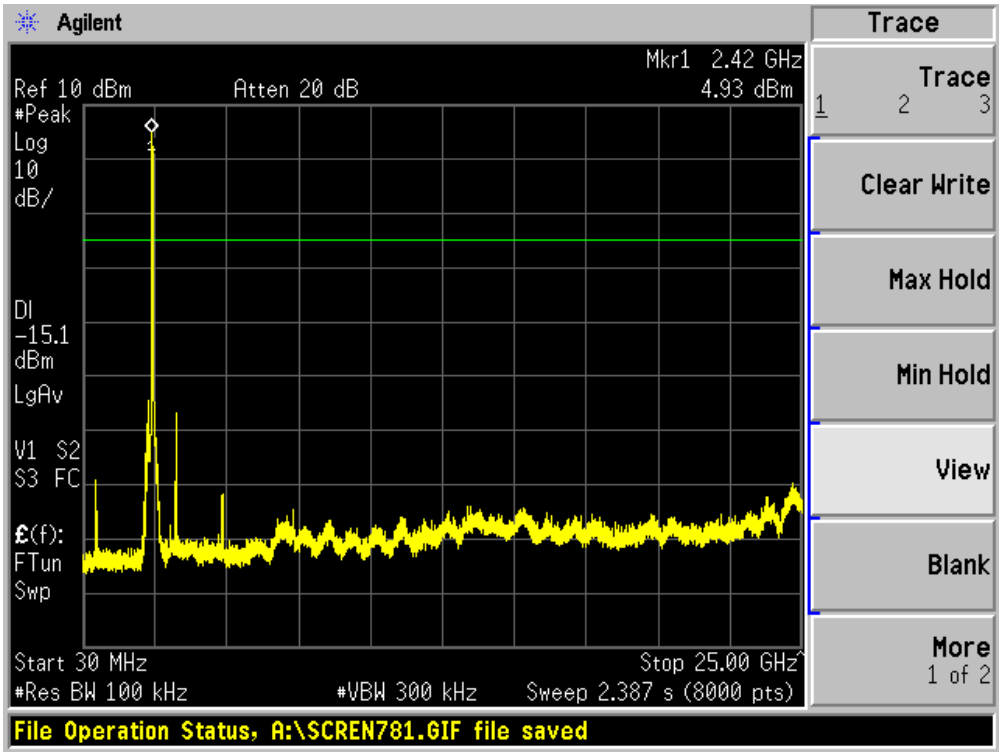


Channel 11 (2462MHz)



Product	:	Wireless Access Point
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-4
Test Mode	:	Mode 4: Transmit by 802.11 turbo g

Channel 06 (2437MHz)



6. Radiated Emission Band Edge

6.1. Test Equipment

☐Radiated Emission Band Edge / AC-2

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4408B	MY45102679	2007/11/12
Preamplifier	Quietek	AP-180C	CHM-0602012	2007/11/25
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2007/11/25
Coaxial Cable	Huber+Suhner	AC2-C	04	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH002	2007/03/31

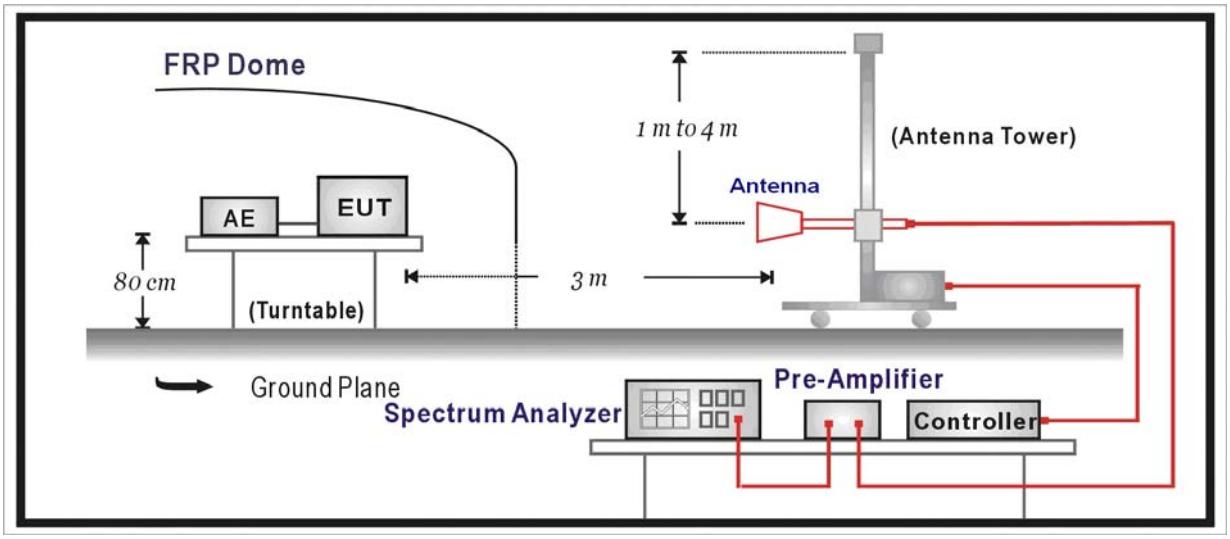
☒Radiated Emission Band Edge / AC-3

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4408B	MY45102679	2007/11/12
Preamplifier	Quietek	AP-180C	CHM-0602012	2007/11/25
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2007/11/25
Coaxial Cable	Huber+Suhner	AC3-C	05	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH003	2007/03/31

Note 1: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

Note 2: The test instruments marked with “X” are used to measure the final test results.

6.2. Test Setup



6.3. Limit

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)).

6.4. Test Procedure

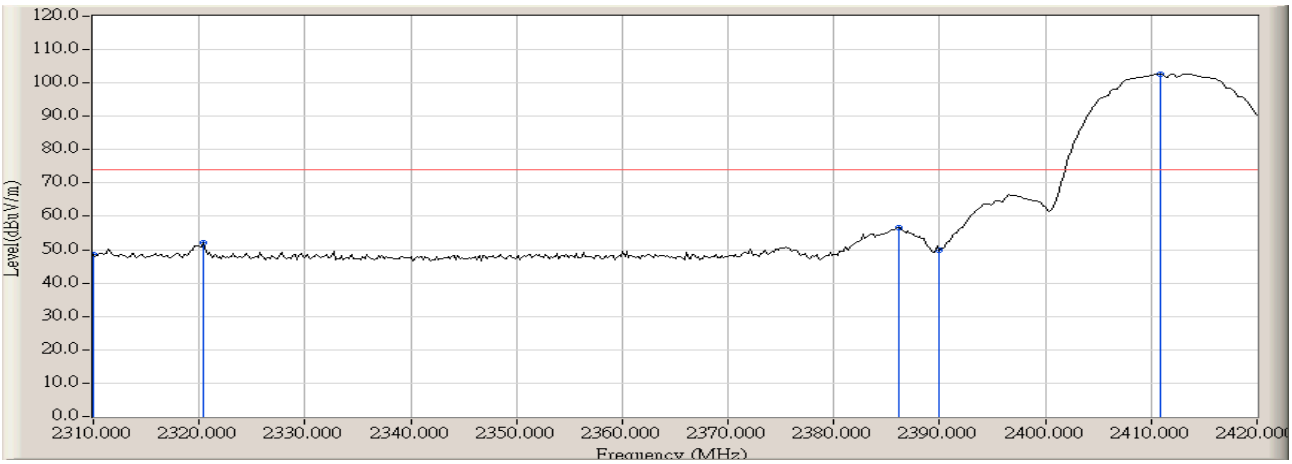
The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4:2003 on radiated measurement.

6.5. Uncertainty

The measurement uncertainty above 1G is defined as ± 3.9 dB

6.6. Test Result

Engineer : Marlin	
Site : AC4 (3m Fully-Anechoic Chamber)	**Time : 2008/02/25 - 15:15**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2412MHz**

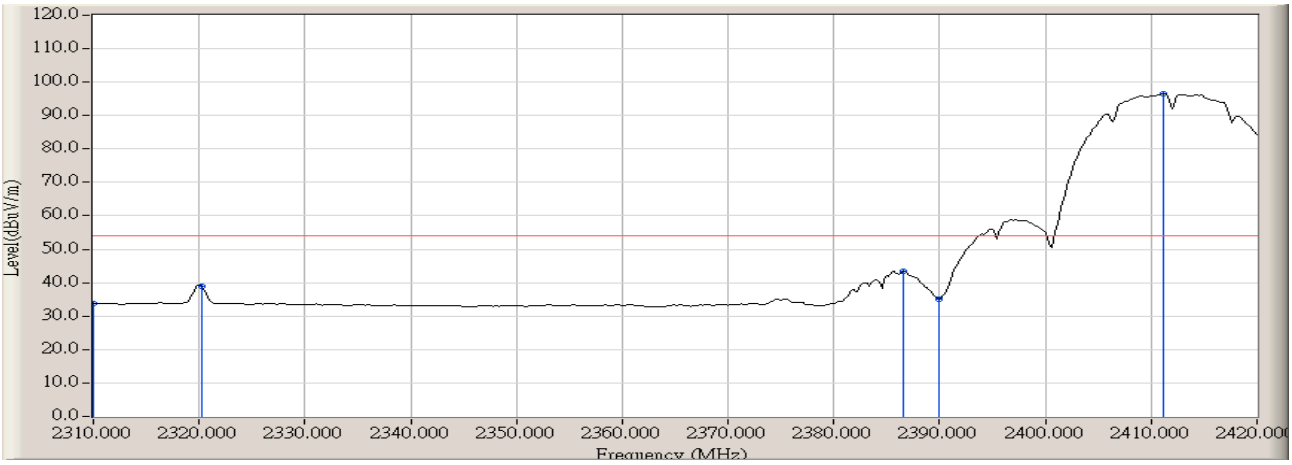


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	51.985	48.724	-25.246	73.970	PEAK
2		2320.450	-3.273	55.250	51.977	-21.993	73.970	PEAK
3		2386.083	-3.213	59.716	56.503	-17.467	73.970	PEAK
4		2390.000	-3.202	52.943	49.741	-24.229	73.970	PEAK
5	*	2410.833	-3.210	105.808	102.598	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 : Marlin	
Site : AC4 (3m Fully-Anechoic Chamber)	**Time : 2008/02/25 - 15:18**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2412MHz**

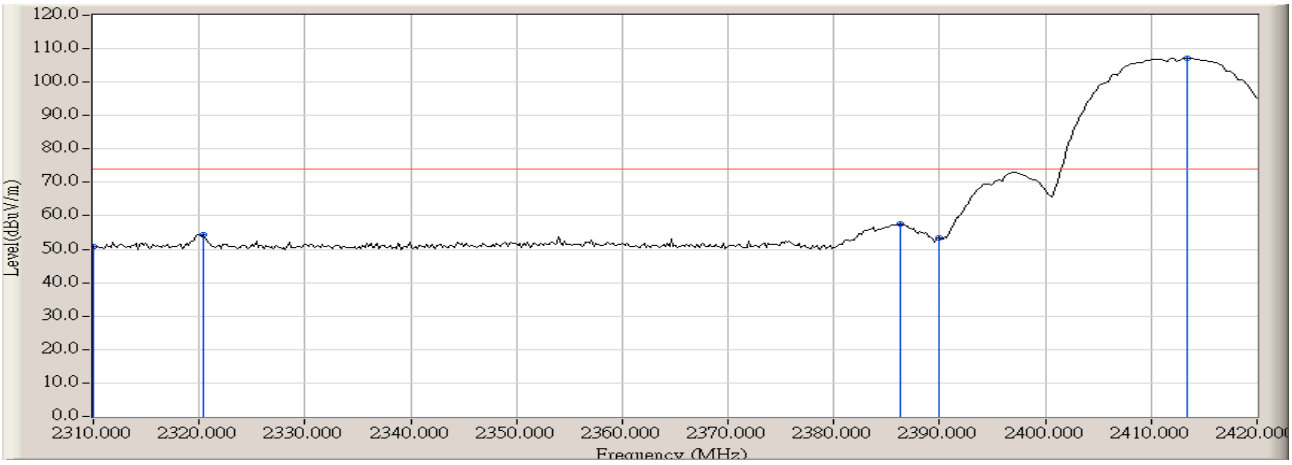


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	36.957	33.696	-20.274	53.970	AVERAGE
2		2320.267	-3.273	42.154	38.881	-15.089	53.970	AVERAGE
3		2386.633	-3.212	46.602	43.390	-10.580	53.970	AVERAGE
4		2390.000	-3.202	38.300	35.098	-18.872	53.970	AVERAGE
5	*	2411.200	-3.211	99.695	96.485	N/A	N/A	AVERAGE

Note:

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

Engineer : Marlin	
Site : AC4 (3m Fully-Anechoic Chamber)	**Time : 2008/02/25 - 15:21**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2412MHz**

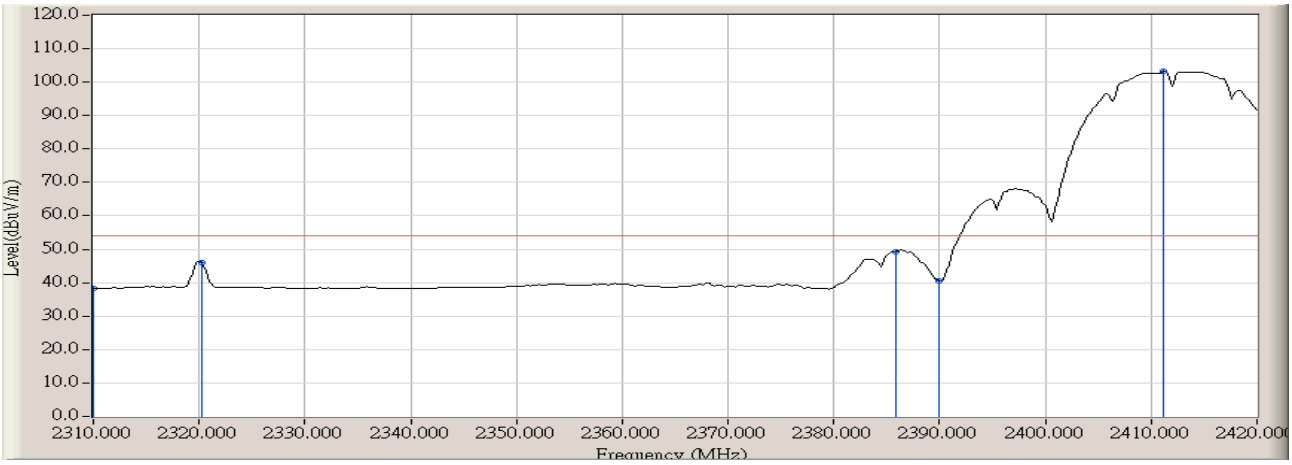


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	54.054	50.793	-23.177	73.970	PEAK
2		2320.450	-3.273	57.732	54.459	-19.511	73.970	PEAK
3		2386.267	-3.212	60.894	57.681	-16.289	73.970	PEAK
4		2390.000	-3.202	56.700	53.498	-20.472	73.970	PEAK
5	*	2413.400	-3.215	110.362	107.146	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 : Marlin	
Site : AC4 (3m Fully-Anechoic Chamber)	**Time : 2008/02/25 - 15:23**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2412MHz**

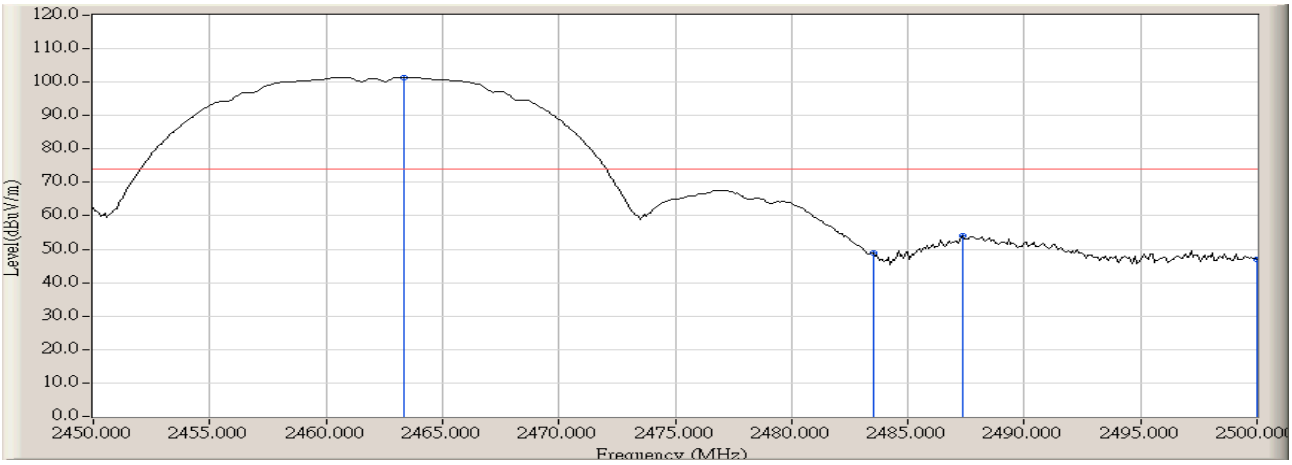


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	41.643	38.382	-15.588	53.970	AVERAGE
2		2320.267	-3.273	49.217	45.944	-8.026	53.970	AVERAGE
3		2385.900	-3.215	52.475	49.261	-4.709	53.970	AVERAGE
4		2390.000	-3.202	43.608	40.406	-13.564	53.970	AVERAGE
5	*	2411.200	-3.211	106.333	103.123	N/A	N/A	AVERAGE

Note:

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

Engineer : Marlin	
Site : AC4 (3m Fully-Anechoic Chamber)	**Time : 2008/02/25 - 15:31**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2462MHz**

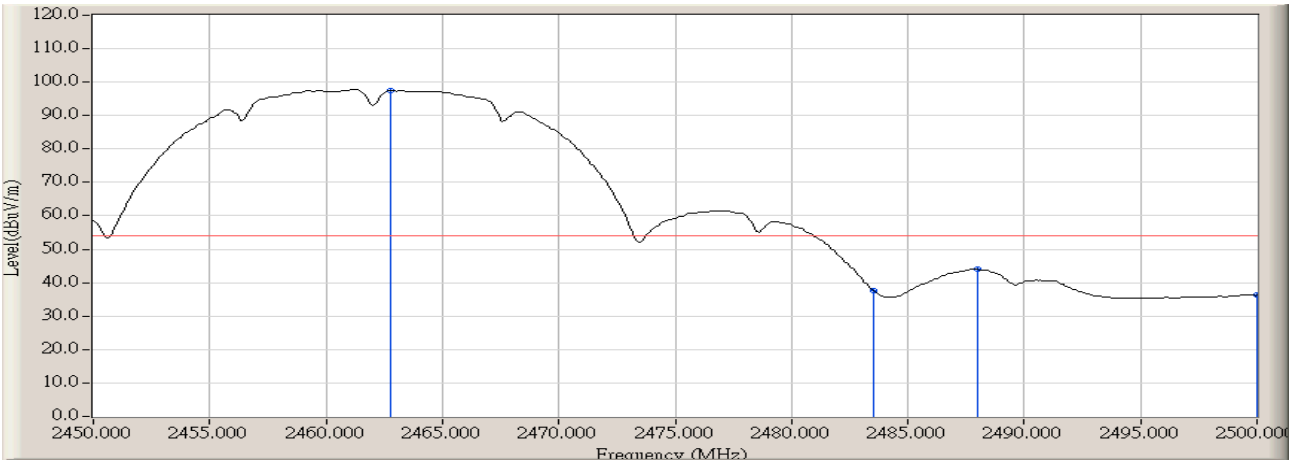


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2463.333	-3.255	104.747	101.492	N/A	N/A	PEAK
2		2483.500	-3.177	52.046	48.869	-25.101	73.970	PEAK
3		2487.333	-3.166	57.275	54.110	-19.860	73.970	PEAK
4		2500.000	-3.135	50.132	46.997	-26.973	73.970	PEAK

Note:

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

Engineer : Marlin	
Site : AC4 (3m Fully-Anechoic Chamber)	**Time : 2008/02/25 - 15:33**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2462MHz**

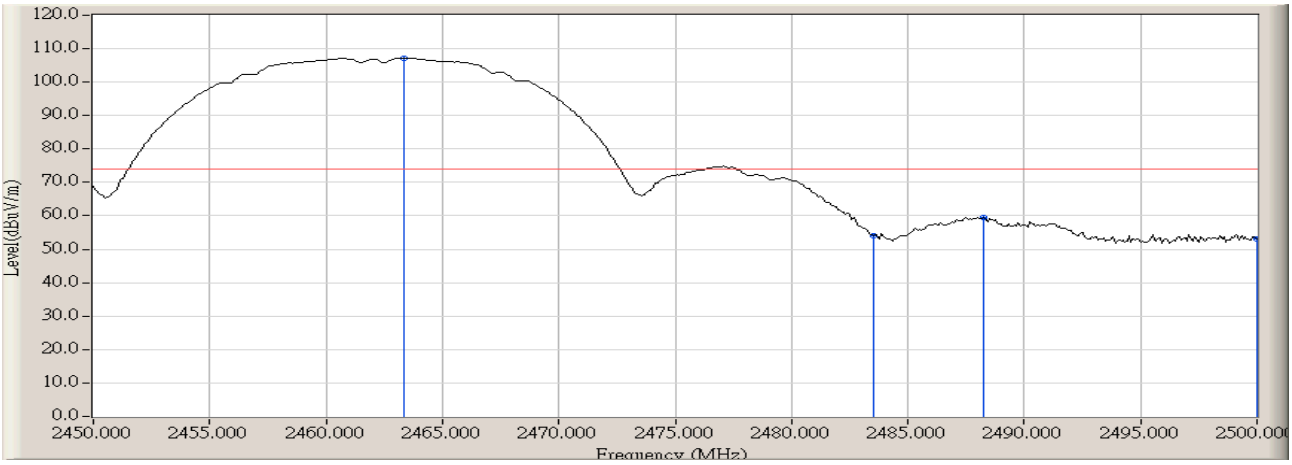


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.750	-3.257	100.721	97.464	N/A	N/A	AVERAGE
2		2483.500	-3.177	40.904	37.727	-16.243	53.970	AVERAGE
3		2488.000	-3.163	47.105	43.941	-10.029	53.970	AVERAGE
4		2500.000	-3.135	39.379	36.244	-17.726	53.970	AVERAGE

Note:

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

Engineer : Marlin	
Site : AC4 (3m Fully-Anechoic Chamber)	**Time : 2008/02/25 - 15:36**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2462MHz**

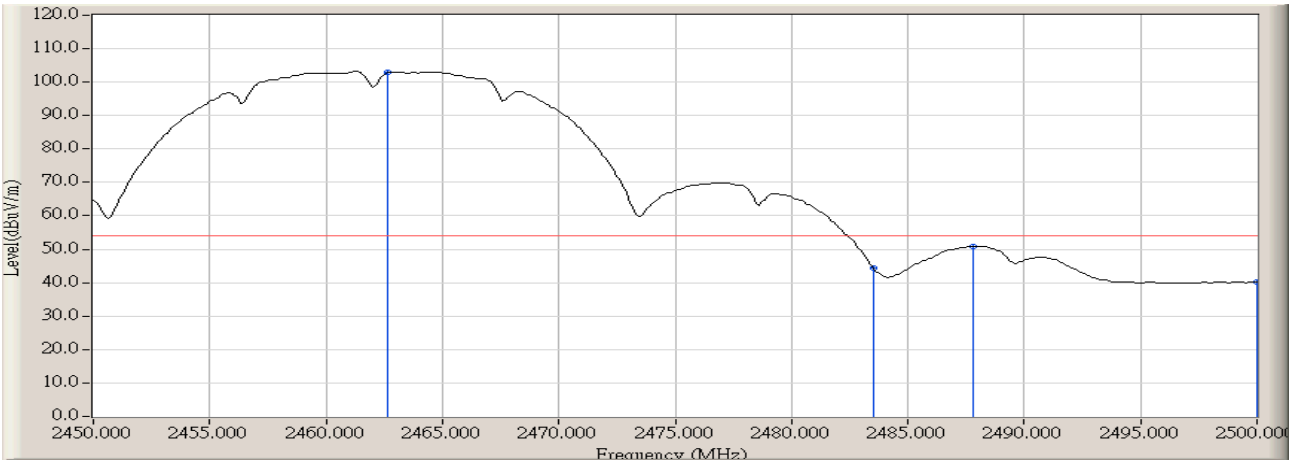


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2463.333	-3.255	110.400	107.145	N/A	N/A	PEAK
2		2483.500	-3.177	57.254	54.077	-19.893	73.970	PEAK
3		2488.250	-3.162	62.548	59.385	-14.585	73.970	PEAK
4		2500.000	-3.135	56.175	53.040	-20.930	73.970	PEAK

Note:

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

Engineer : Marlin	
Site : AC4 (3m Fully-Anechoic Chamber)	**Time : 2008/02/25 - 15:38**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11b at 2462MHz**

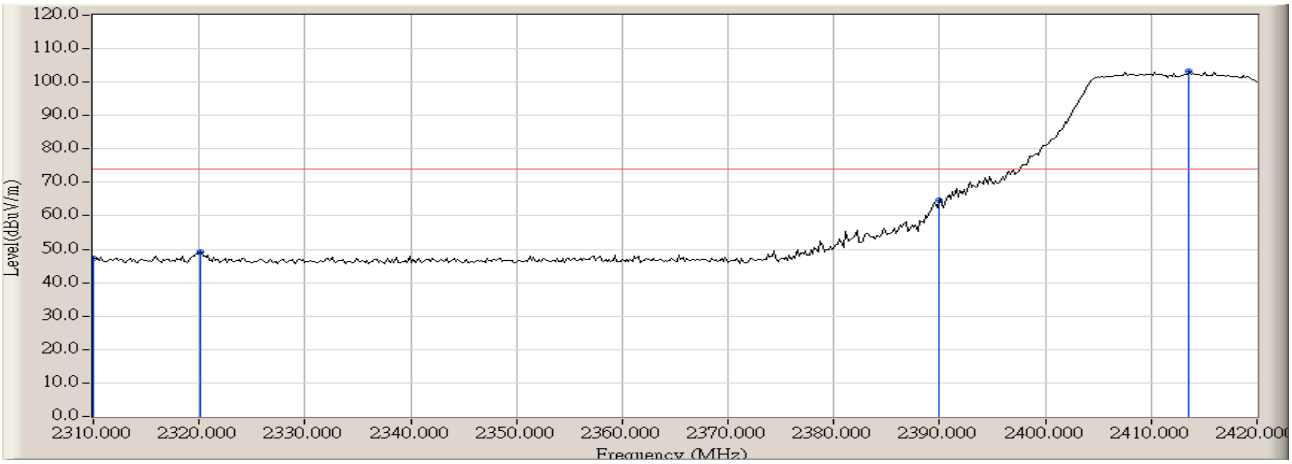


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.667	-3.257	106.165	102.908	N/A	N/A	AVERAGE
2		2483.500	-3.177	47.715	44.538	-9.432	53.970	AVERAGE
3		2487.833	-3.164	54.089	50.925	-3.045	53.970	AVERAGE
4		2500.000	-3.135	43.360	40.225	-13.745	53.970	AVERAGE

Note:

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

Engineer : Marlin	
Site : AC4 (3m Fully-Anechoic Chamber)	**Time : 2008/02/25 - 16:27**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2412MHz**

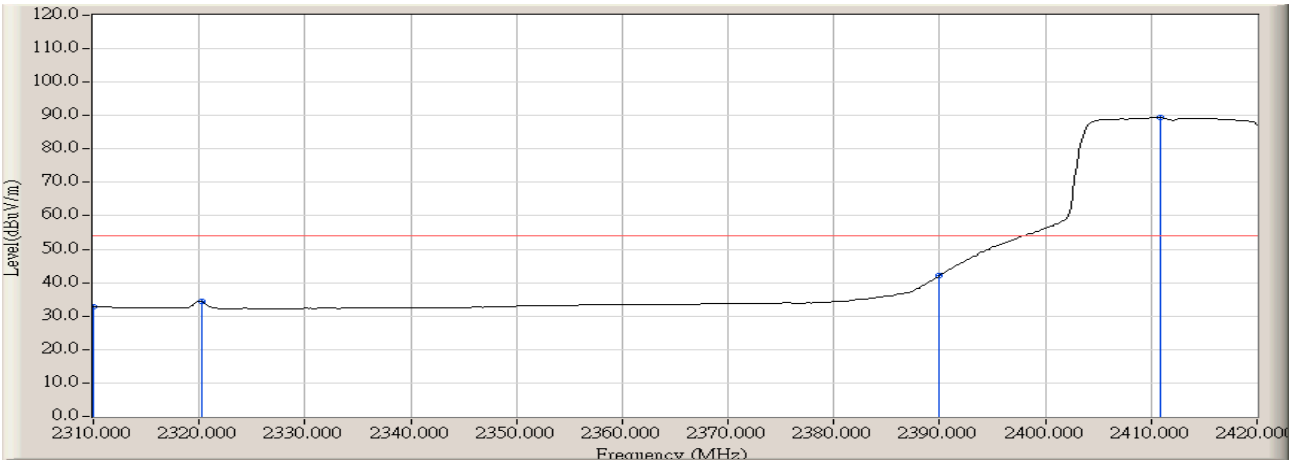


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	50.636	47.375	-26.595	73.970	PEAK
2		2320.083	-3.274	52.399	49.126	-24.844	73.970	PEAK
3		2390.000	-3.202	67.891	64.689	-9.281	73.970	PEAK
4	*	2413.583	-3.217	106.516	103.300	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 : Marlin	
Site : AC4 (3m Fully-Anechoic Chamber)	**Time : 2008/02/25 - 16:29**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2412MHz**

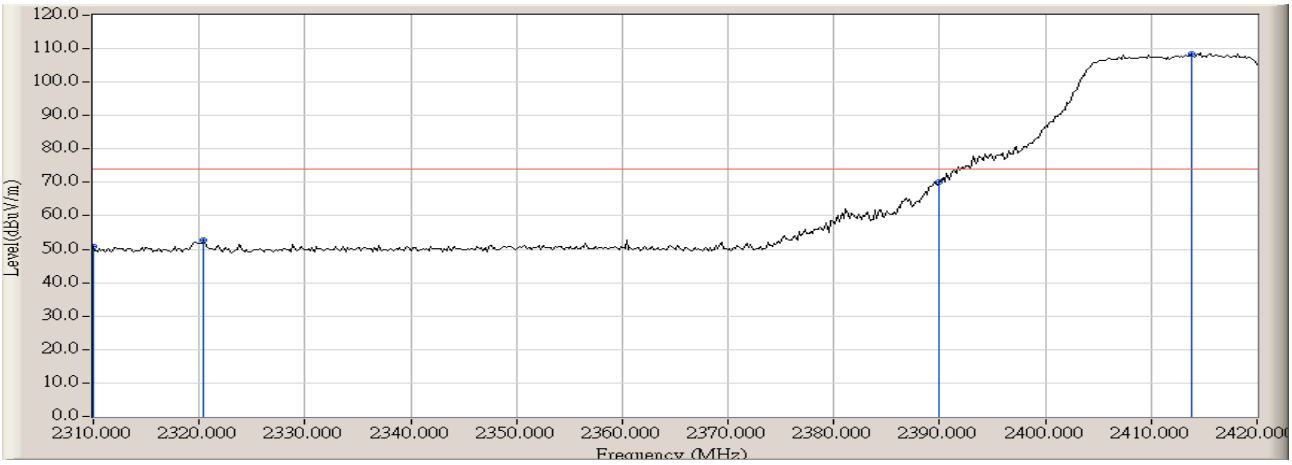


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	35.937	32.676	-21.294	53.970	AVERAGE
2		2320.267	-3.273	37.643	34.370	-19.600	53.970	AVERAGE
3		2390.000	-3.202	45.268	42.066	-11.904	53.970	AVERAGE
4	*	2410.833	-3.210	92.572	89.362	N/A	N/A	AVERAGE

Note:

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

Engineer : Marlin	
Site : AC4 (3m Fully-Anechoic Chamber)	**Time : 2008/02/25 - 16:31**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2412MHz**

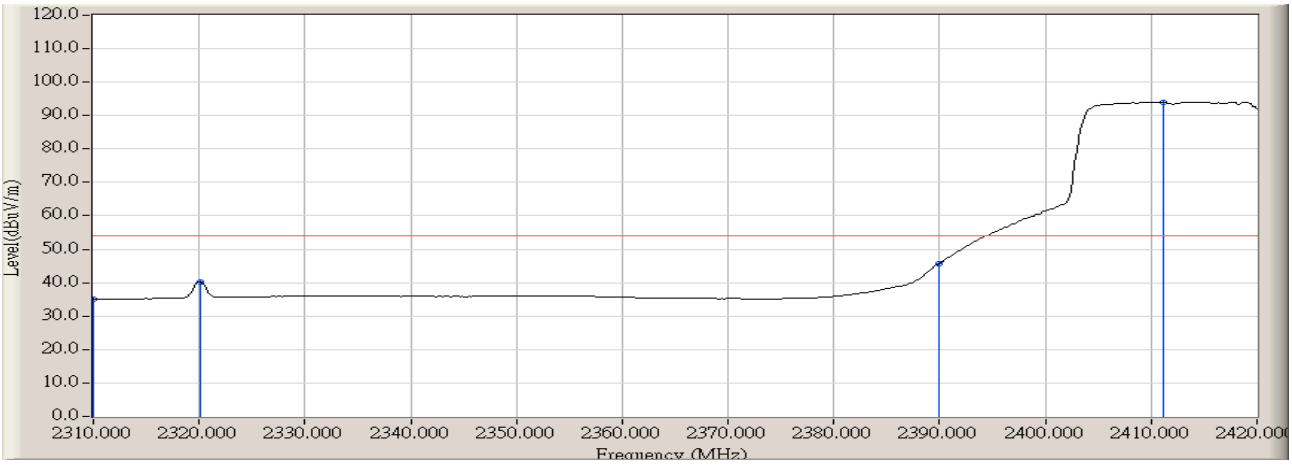


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	53.936	50.675	-23.295	73.970	PEAK
2		2320.450	-3.273	56.068	52.795	-21.175	73.970	PEAK
3		2390.000	-3.202	73.268	70.066	-3.904	73.970	PEAK
4	*	2413.767	-3.216	111.486	108.269	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 : Marlin	
Site : AC4 (3m Fully-Anechoic Chamber)	**Time : 2008/02/25 - 16:33**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2412MHz**

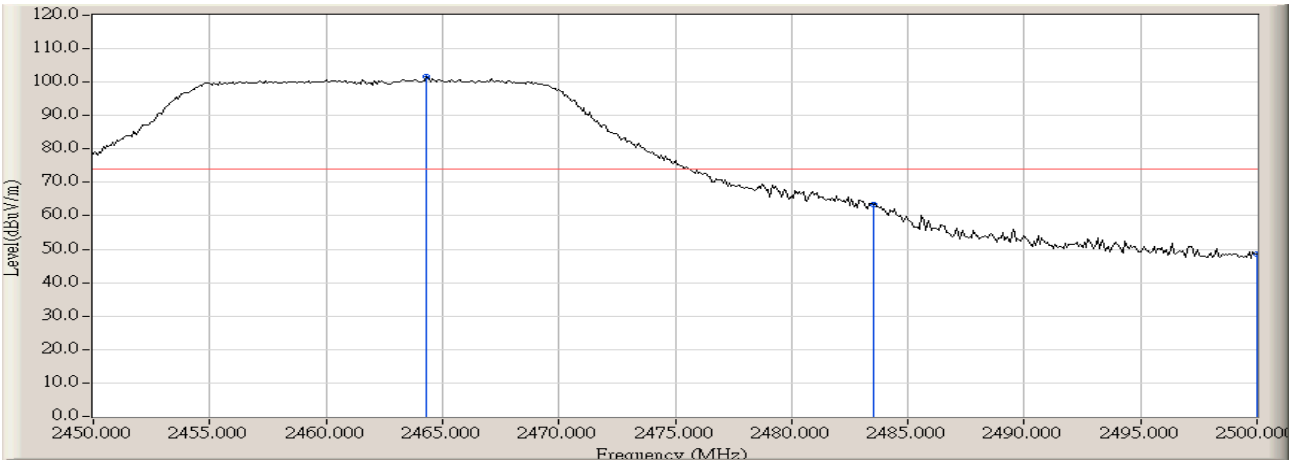


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	38.182	34.921	-19.049	53.970	AVERAGE
2		2320.083	-3.274	43.567	40.294	-13.676	53.970	AVERAGE
3		2390.000	-3.202	48.972	45.770	-8.200	53.970	AVERAGE
4	*	2411.200	-3.211	97.189	93.979	N/A	N/A	AVERAGE

Note:

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

Engineer : Marlin	
Site : AC4 (3m Fully-Anechoic Chamber)	**Time : 2008/02/25 - 16:22**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2462MHz**

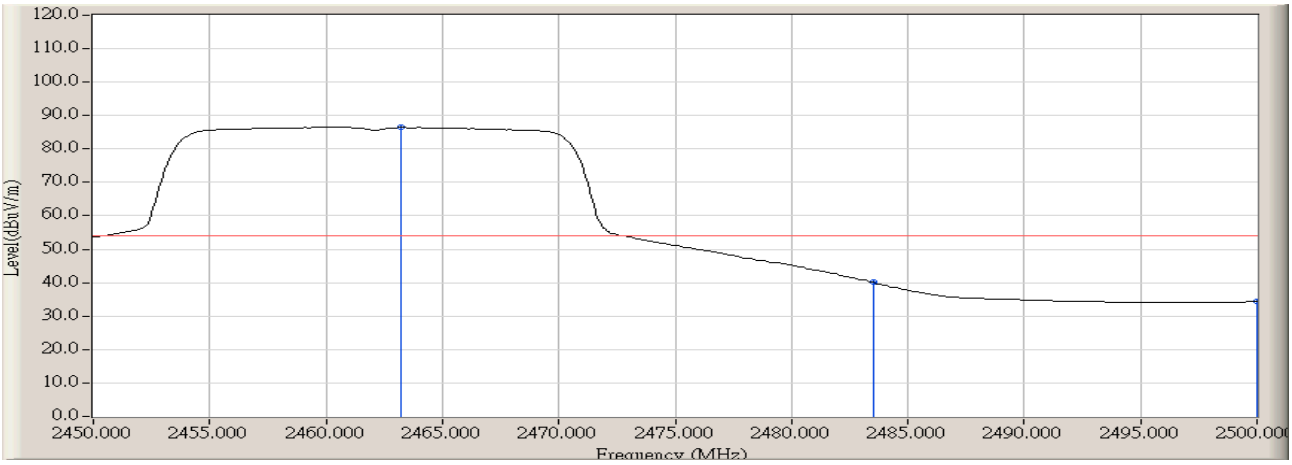


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.333	-3.250	105.009	101.759	N/A	N/A	PEAK
2		2483.500	-3.177	66.430	63.253	-10.717	73.970	PEAK
3		2500.000	-3.135	51.708	48.573	-25.397	73.970	PEAK

Note:

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

Engineer : Marlin	
Site : AC4 (3m Fully-Anechoic Chamber)	**Time : 2008/02/25 - 16:23**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2462MHz**

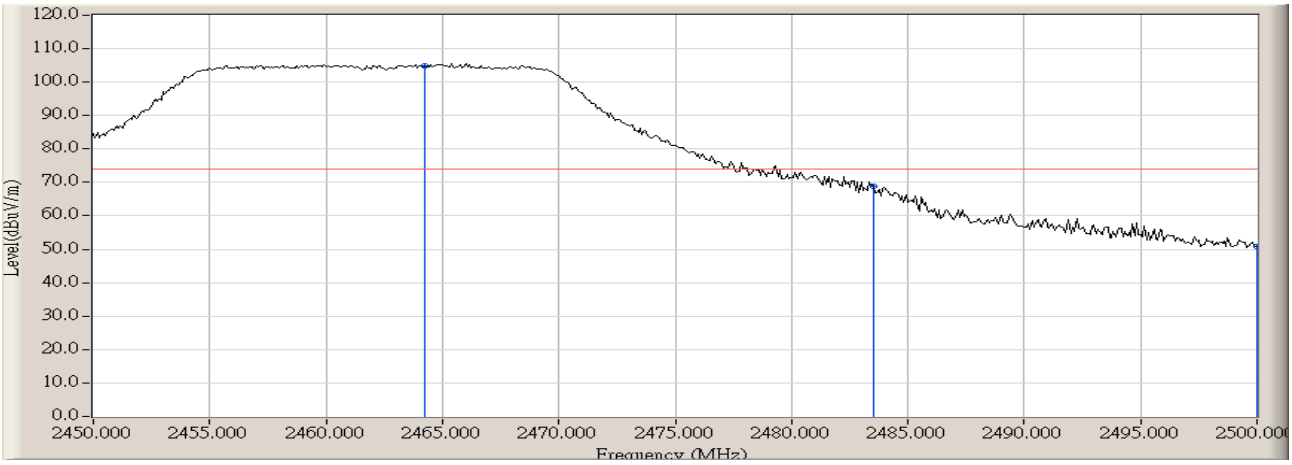


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2463.250	-3.255	89.663	86.408	N/A	N/A	AVERAGE
2		2483.500	-3.177	43.368	40.191	-13.779	53.970	AVERAGE
3		2500.000	-3.135	37.400	34.265	-19.705	53.970	AVERAGE

Note:

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

Engineer : Marlin	
Site : AC4 (3m Fully-Anechoic Chamber)	**Time : 2008/02/25 - 16:18**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2462MHz**

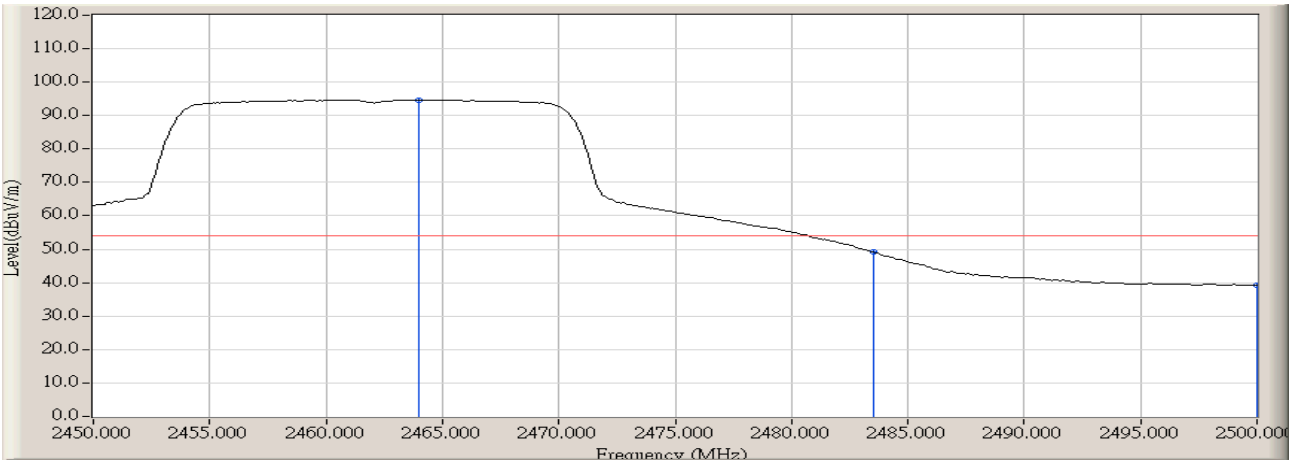


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.250	-3.251	108.249	104.998	N/A	N/A	PEAK
2		2483.500	-3.177	71.878	68.701	-5.269	73.970	PEAK
3		2500.000	-3.135	54.084	50.949	-23.021	73.970	PEAK

Note:

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

Engineer : Marlin	
Site : AC4 (3m Fully-Anechoic Chamber)	**Time : 2008/02/25 - 16:19**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11g at 2462MHz**

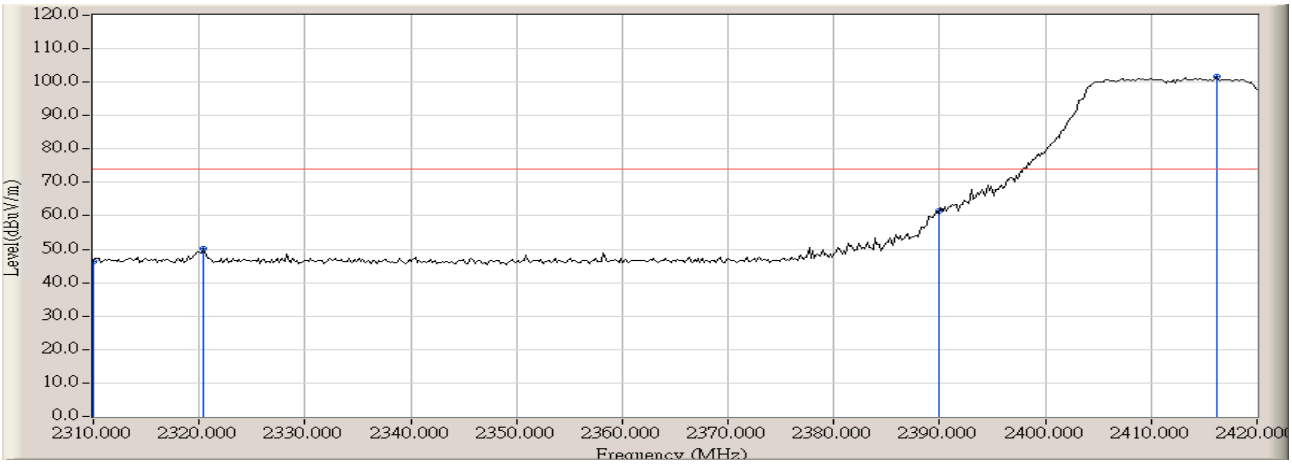


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.000	-3.252	97.946	94.694	N/A	N/A	AVERAGE
2		2483.500	-3.177	52.250	49.073	-4.897	53.970	AVERAGE
3		2500.000	-3.135	42.443	39.308	-14.662	53.970	AVERAGE

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 14:17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2412MHz**

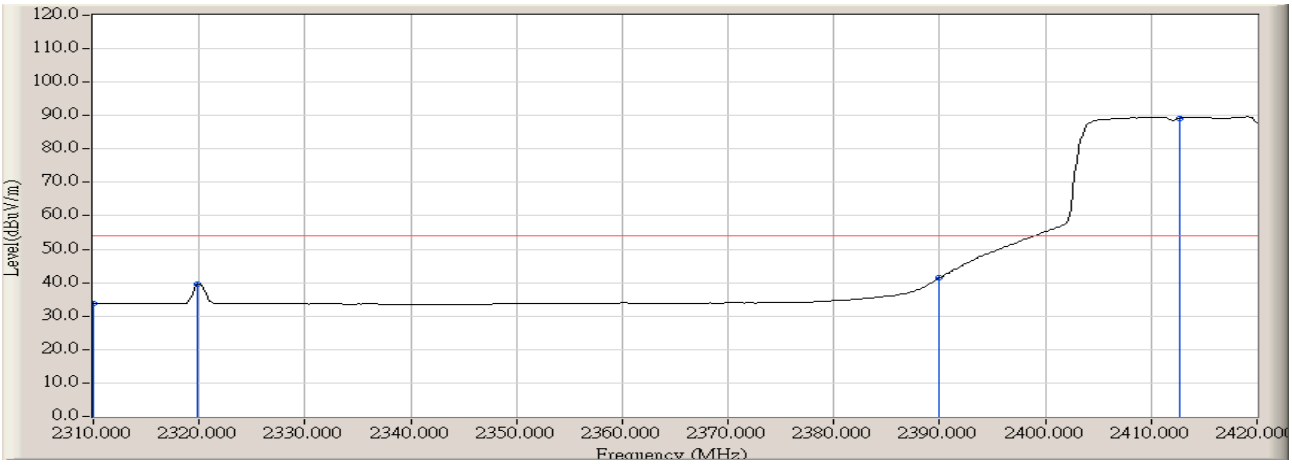


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	49.699	46.438	-27.532	73.970	PEAK
2		2320.450	-3.273	53.444	50.171	-23.799	73.970	PEAK
3		2390.000	-3.202	64.500	61.298	-12.672	73.970	PEAK
4	*	2416.150	-3.222	104.770	101.548	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 : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 14:21**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2412MHz**

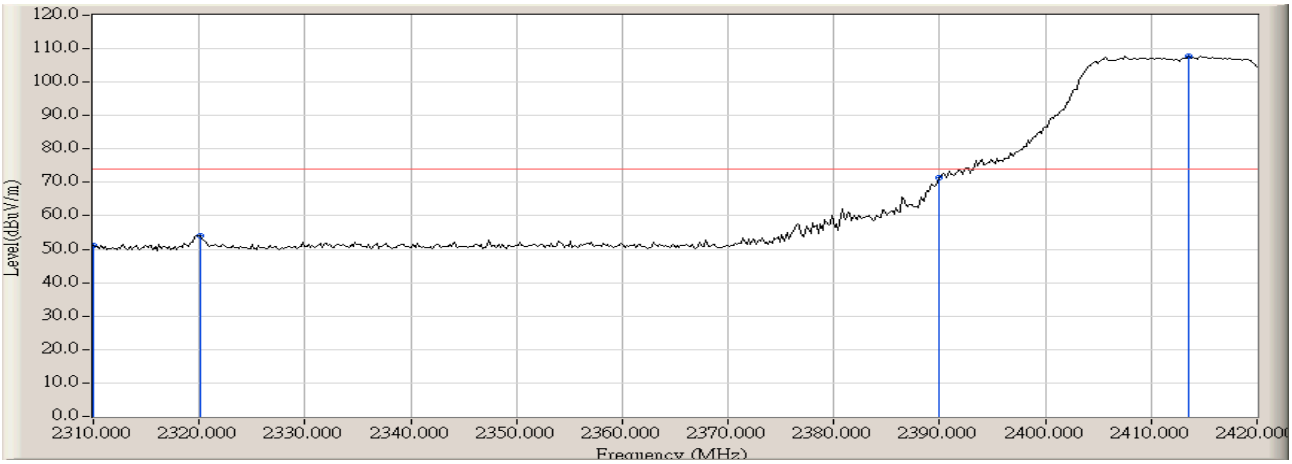


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	37.093	33.832	-20.138	53.970	AVERAGE
2		2319.900	-3.272	42.835	39.562	-14.408	53.970	AVERAGE
3		2390.000	-3.202	44.630	41.428	-12.542	53.970	AVERAGE
4	*	2412.667	-3.214	92.485	89.271	N/A	N/A	AVERAGE

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 14:13**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2412MHz**

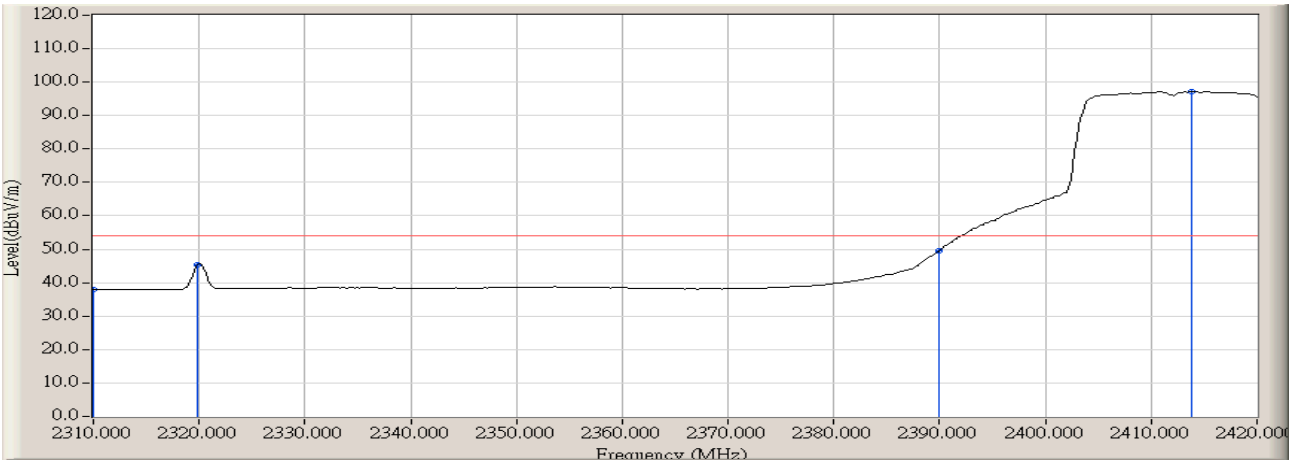


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	54.254	50.993	-22.977	73.970	PEAK
2		2320.083	-3.274	57.458	54.185	-19.785	73.970	PEAK
3		2390.000	-3.202	74.699	71.497	-2.473	73.970	PEAK
4	*	2413.583	-3.217	111.090	107.874	N/A	N/A	PEAK

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 14:16**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2412MHz**

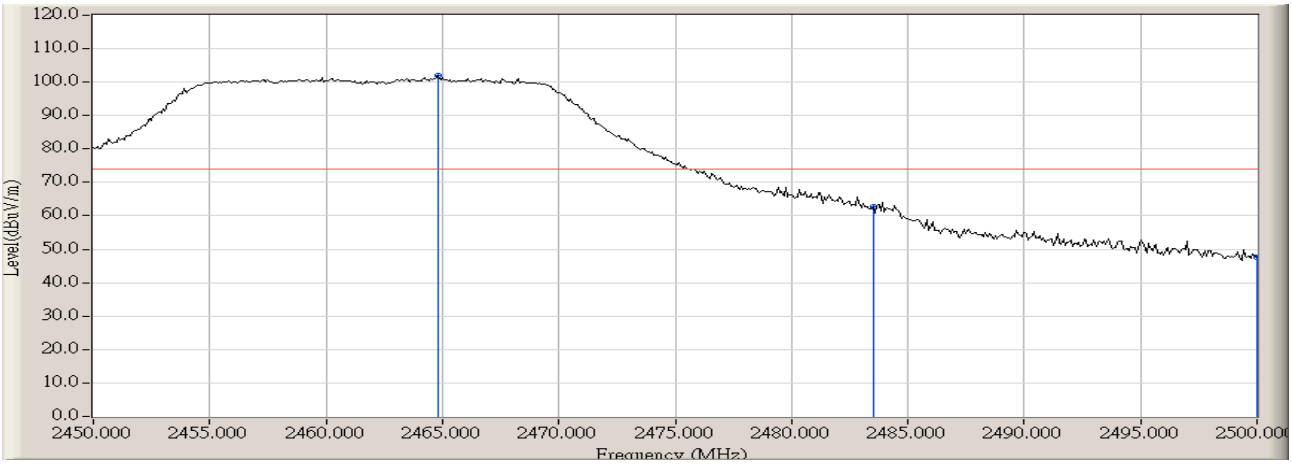


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	41.183	37.922	-16.048	53.970	AVERAGE
2		2319.900	-3.272	48.762	45.489	-8.481	53.970	AVERAGE
3		2390.000	-3.202	52.773	49.571	-4.399	53.970	AVERAGE
4	*	2413.767	-3.216	100.322	97.105	N/A	N/A	AVERAGE

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 14:26**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2462MHz**

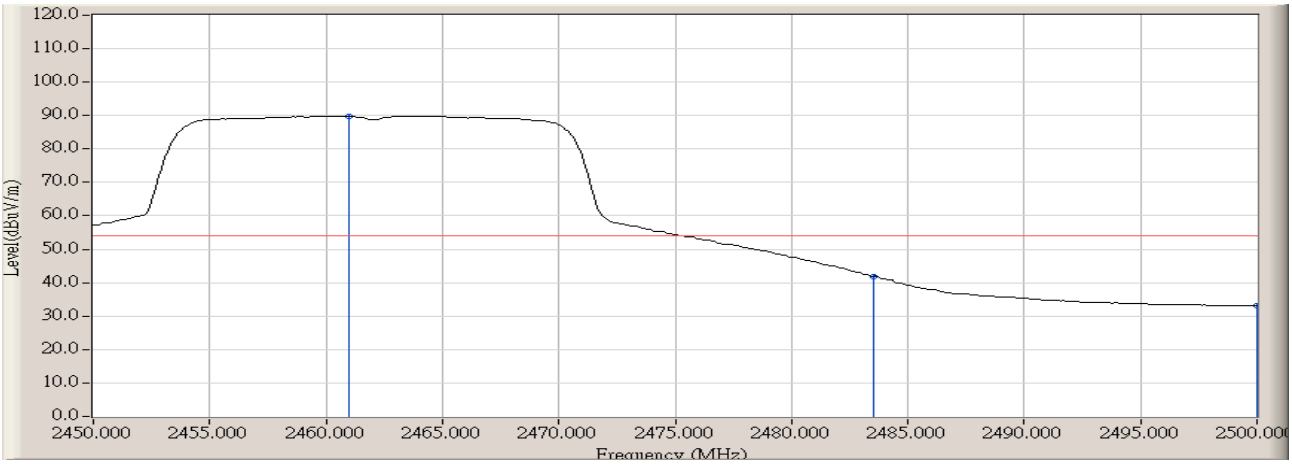


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.833	-3.248	105.113	101.865	N/A	N/A	PEAK
2		2483.500	-3.177	66.008	62.831	-11.139	73.970	PEAK
3		2500.000	-3.135	50.628	47.493	-26.477	73.970	PEAK

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 14:27**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2462MHz**

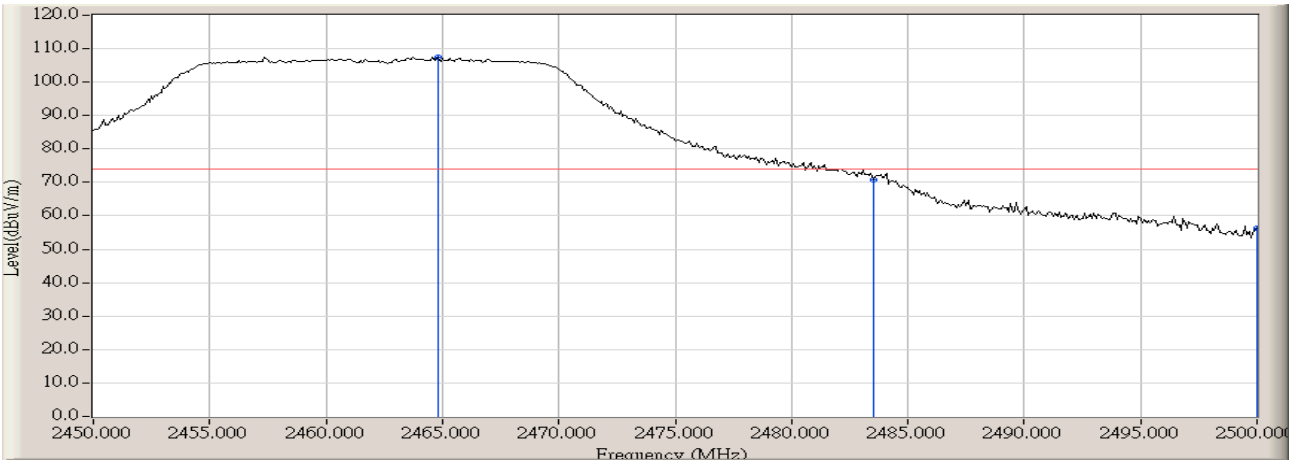


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2461.000	-3.263	93.128	89.866	N/A	N/A	AVERAGE
2		2483.500	-3.177	45.155	41.978	-11.992	53.970	AVERAGE
3		2500.000	-3.135	36.388	33.253	-20.717	53.970	AVERAGE

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 14:32**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2462MHz**

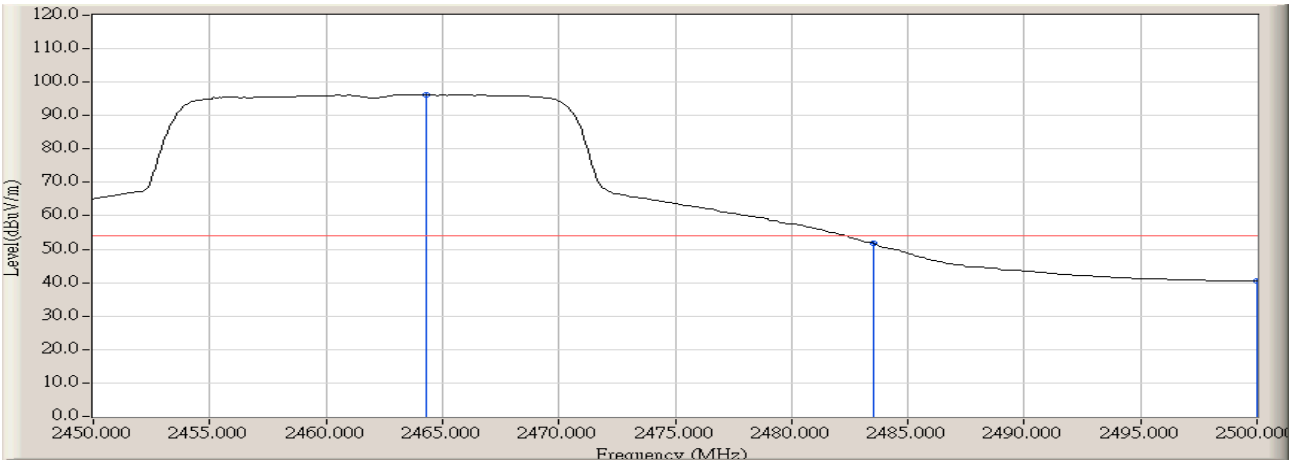


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.833	-3.248	110.825	107.577	N/A	N/A	PEAK
2		2483.500	-3.177	73.977	70.800	-3.170	73.970	PEAK
3		2500.000	-3.135	59.566	56.431	-17.539	73.970	PEAK

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 14:34**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11 super g at 2462MHz**

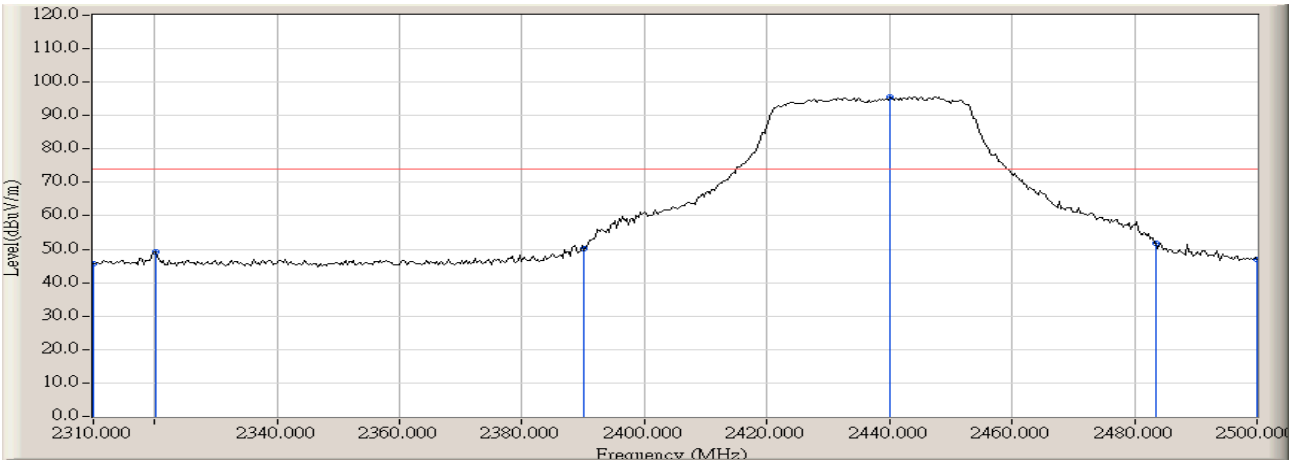


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.333	-3.250	99.418	96.168	N/A	N/A	AVERAGE
2		2483.500	-3.177	55.042	51.865	-2.105	53.970	AVERAGE
3		2500.000	-3.135	43.599	40.464	-13.506	53.970	AVERAGE

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 14:44**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11g turbo g at 2437MHz**

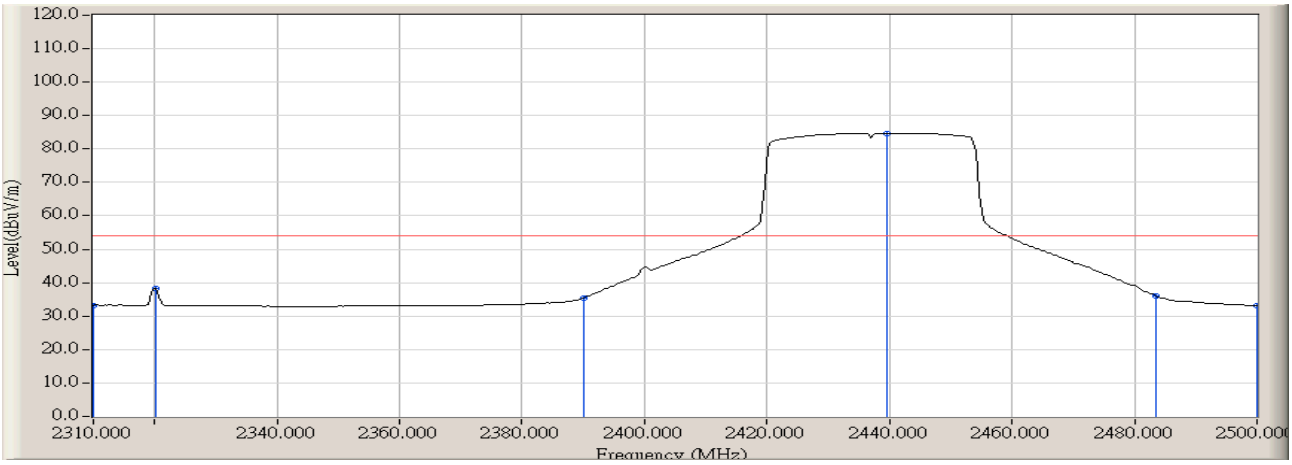


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	48.866	45.605	-28.365	73.970	PEAK
2		2320.133	-3.274	52.346	49.073	-24.897	73.970	PEAK
3		2390.000	-3.202	53.420	50.218	-23.752	73.970	PEAK
4	*	2440.150	-3.286	98.941	95.655	N/A	N/A	PEAK
5		2483.500	-3.177	54.913	51.736	-22.234	73.970	PEAK
6		2500.000	-3.135	49.983	46.848	-27.122	73.970	PEAK

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 14:46**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11g turbo g at 2437MHz**

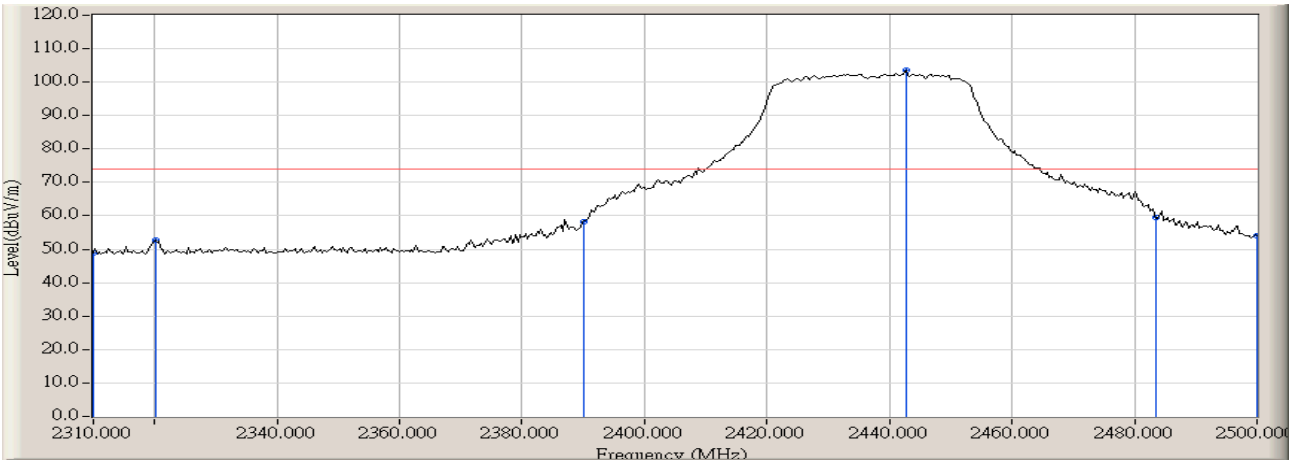


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	36.549	33.288	-20.682	53.970	AVERAGE
2		2320.133	-3.274	41.432	38.159	-15.811	53.970	AVERAGE
3		2390.000	-3.202	38.607	35.405	-18.565	53.970	AVERAGE
4	*	2439.517	-3.284	88.045	84.761	N/A	N/A	AVERAGE
5		2483.500	-3.177	39.179	36.002	-17.968	53.970	AVERAGE
6		2500.000	-3.135	36.326	33.191	-20.779	53.970	AVERAGE

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 14:39**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11g turbo g at 2437MHz**

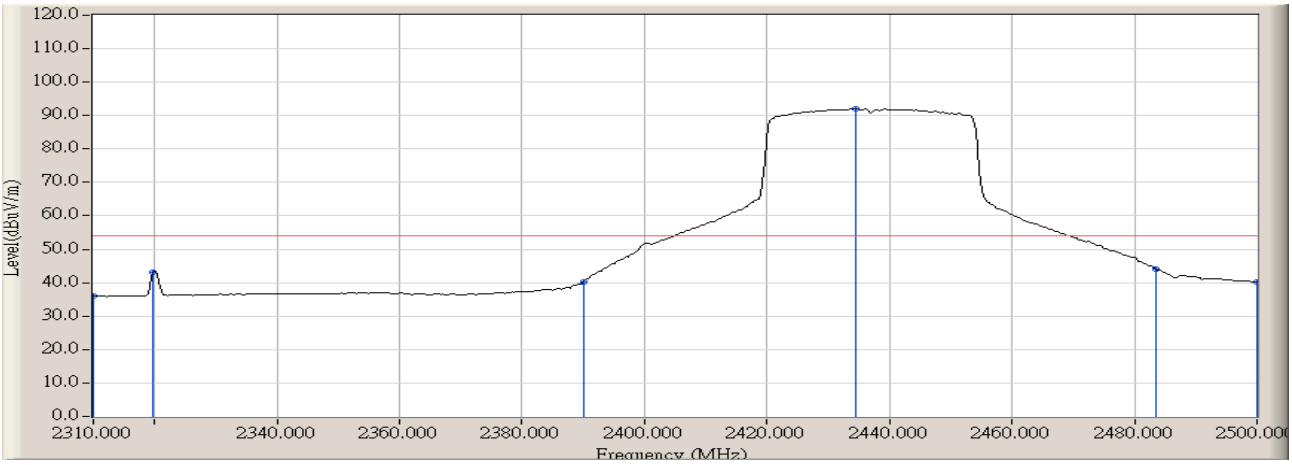


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	52.184	48.923	-25.047	73.970	PEAK
2		2320.133	-3.274	56.111	52.838	-21.132	73.970	PEAK
3		2390.000	-3.202	61.527	58.325	-15.645	73.970	PEAK
4	*	2442.683	-3.293	106.876	103.583	N/A	N/A	PEAK
5		2483.500	-3.177	62.633	59.456	-14.514	73.970	PEAK
6		2500.000	-3.135	57.147	54.012	-19.958	73.970	PEAK

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	**Time : 2008/03/26 - 14:42**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Wireless Access Point (M/N: ZG-7600H)	**Probe : BBHA9120D_499(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by 802.11g turbo g at 2437MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	39.145	35.884	-18.086	53.970	AVERAGE
2		2319.817	-3.273	46.528	43.255	-10.715	53.970	AVERAGE
3		2390.000	-3.202	43.438	40.236	-13.734	53.970	AVERAGE
4	*	2434.450	-3.270	95.225	91.956	N/A	N/A	AVERAGE
5		2483.500	-3.177	47.185	44.008	-9.962	53.970	AVERAGE
6		2500.000	-3.135	43.487	40.352	-13.618	53.970	AVERAGE

Note:

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

7. Operation Frequency Range of 20dB Bandwidth

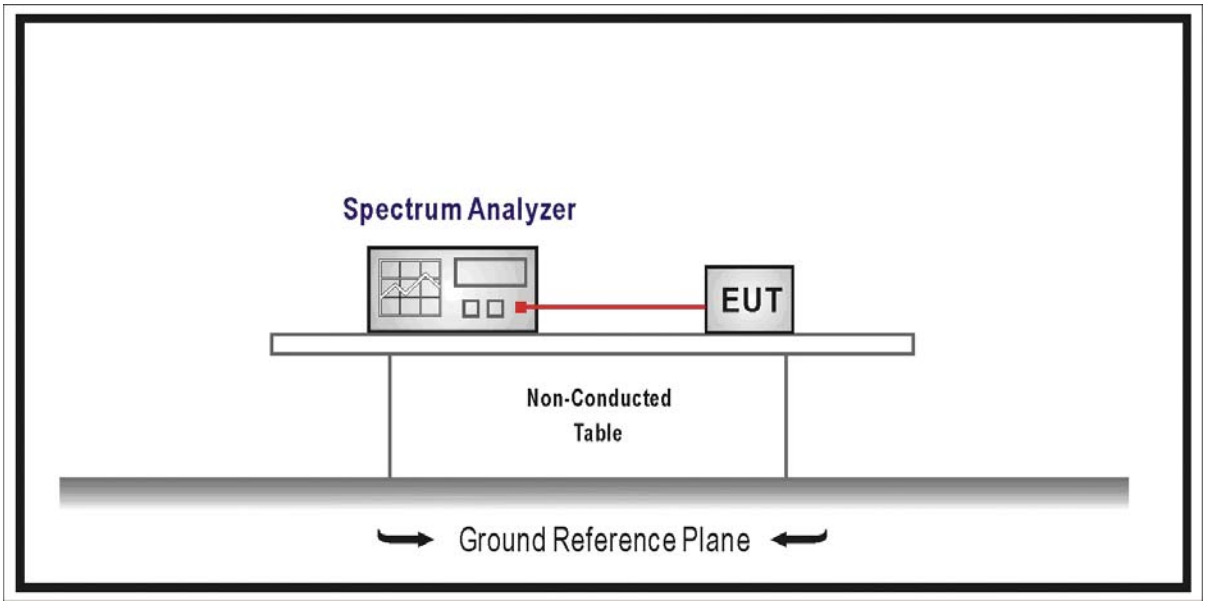
7.1. Test Equipment

Operation Frequency Range of 20dB Bandwidth / AC-4

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2007/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2007/11/30

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

7.2. Test Setup



7.3. Limit

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

7.4. 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 = 100 kHz, Span greater than RBW.

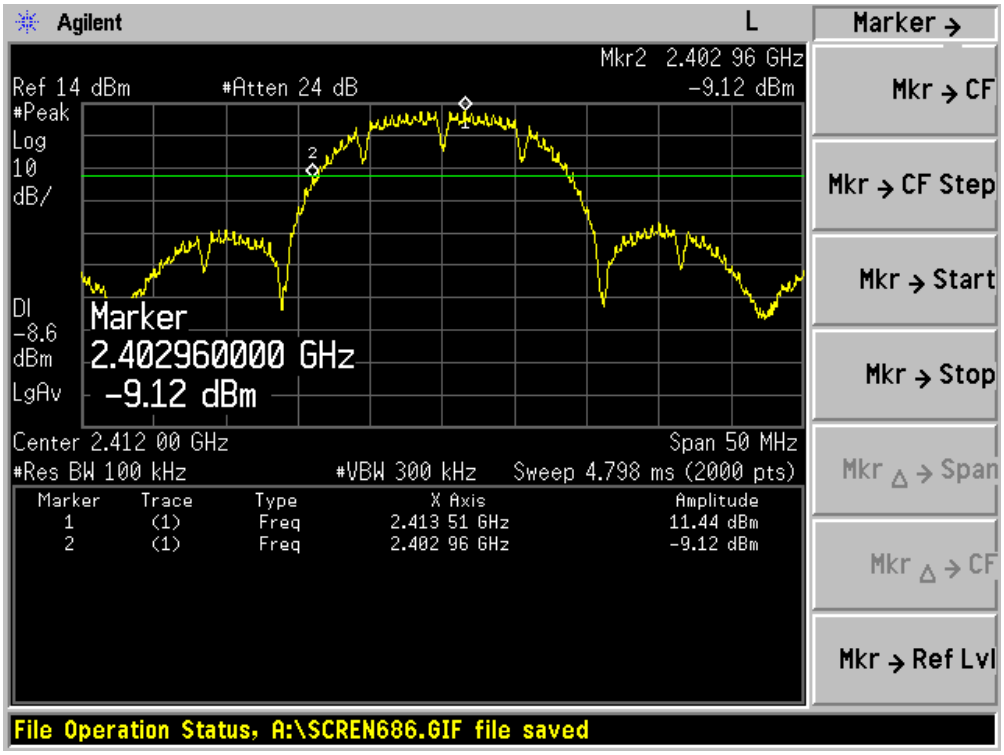
7.5. Uncertainty

The measurement uncertainty is defined as ± 1 kHz

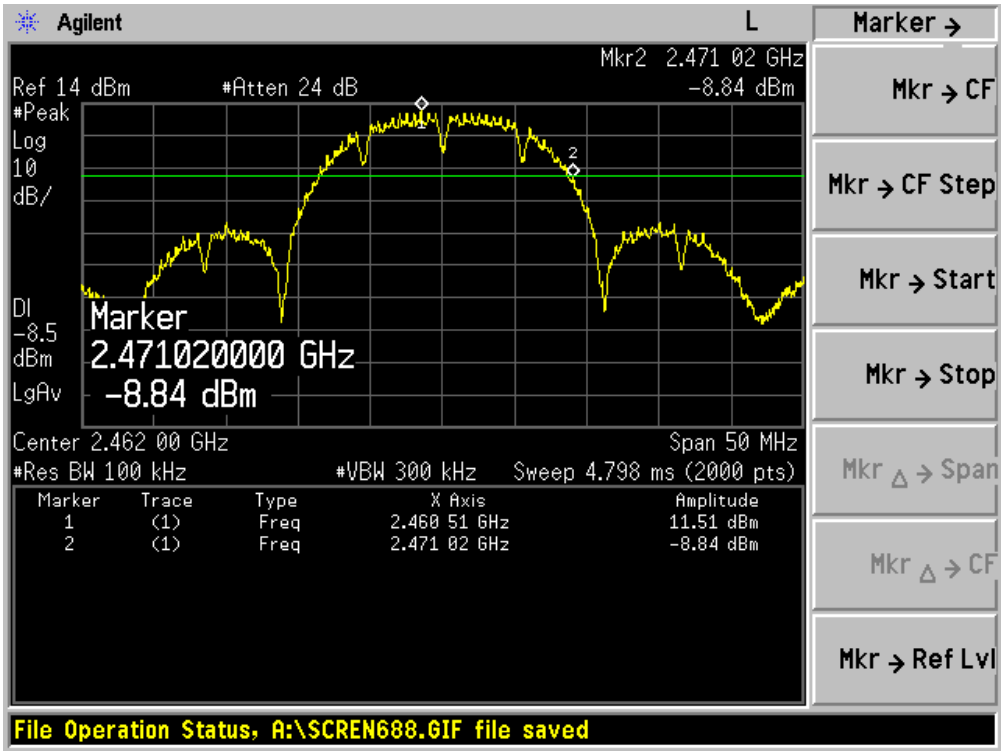
7.6. Test Result

Product	:	Wireless Access Point
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-4
Test Mode	:	Mode 1: Transmit by 802.11b

Channel 01 (2412MHz)

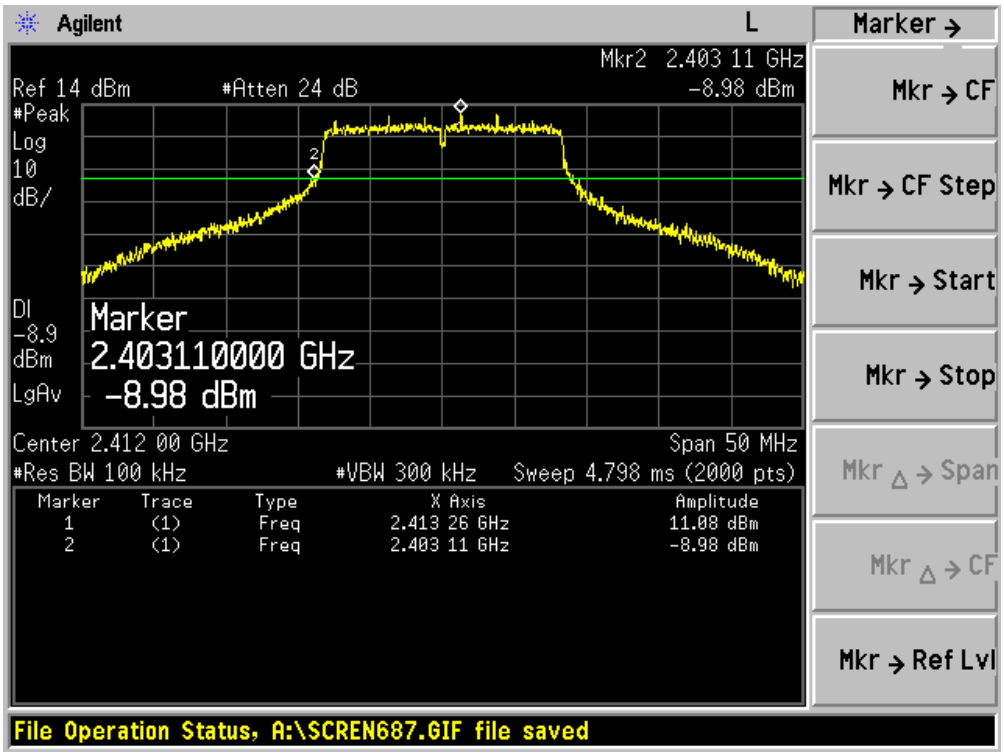


Channel 11 (2462MHz)

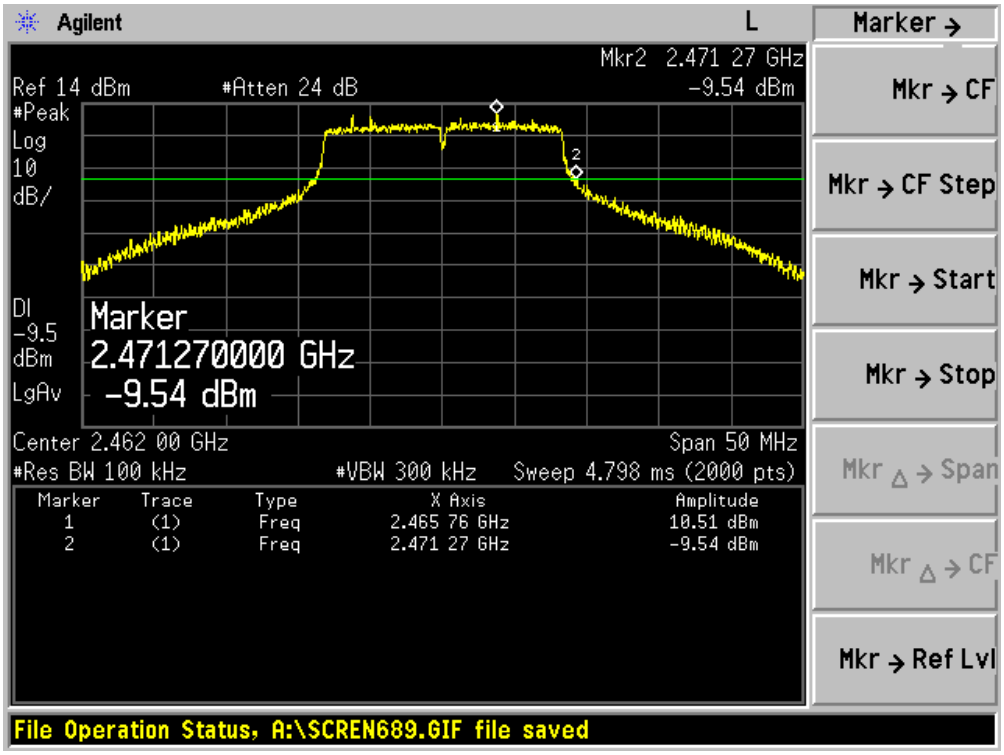


Product	:	Wireless Access Point
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-4
Test Mode	:	Mode 2: Transmit by 802.11g

Channel 01 (2412MHz)

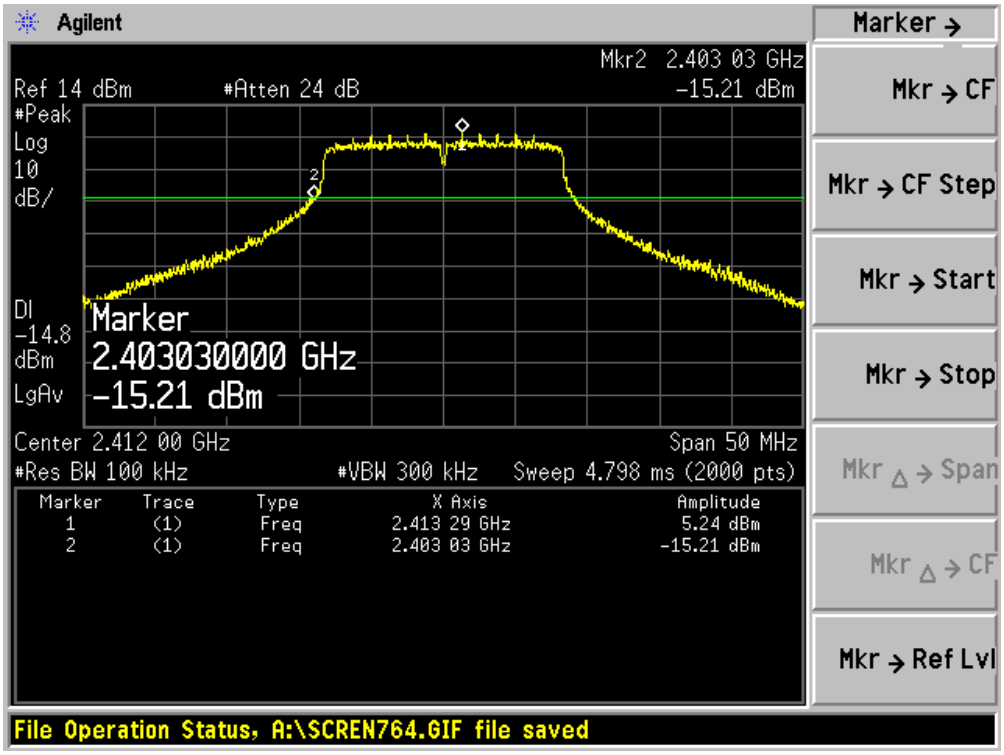


Channel 11 (2462MHz)

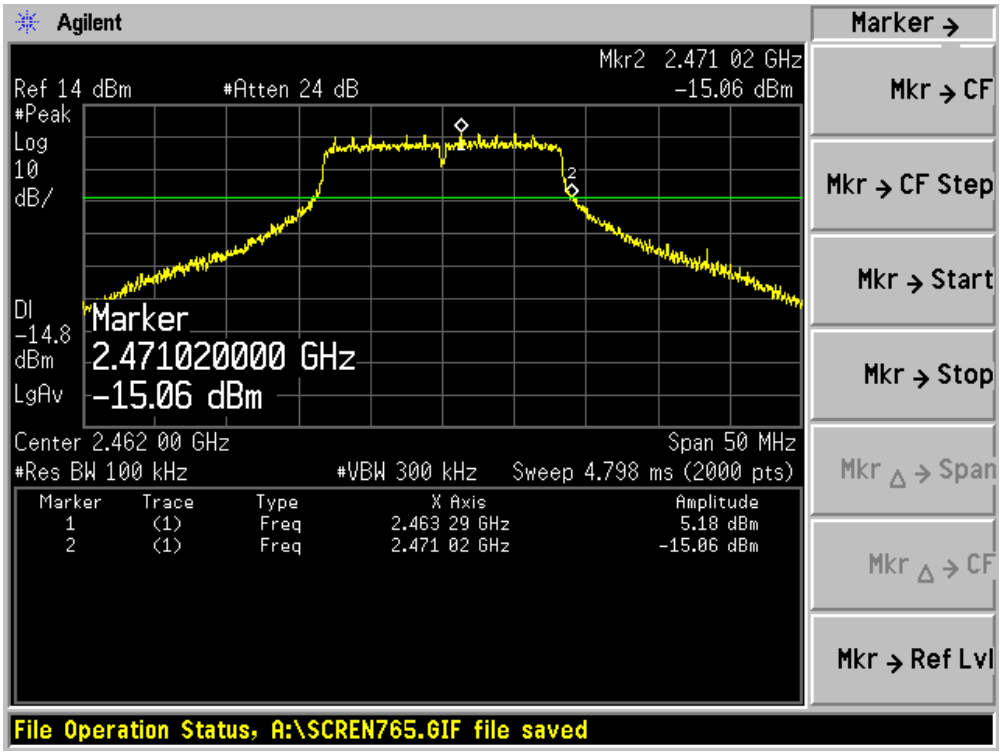


Product	:	Wireless Access Point
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-4
Test Mode	:	Mode 3: Transmit by 802.11 super g

Channel 01 (2412MHz)

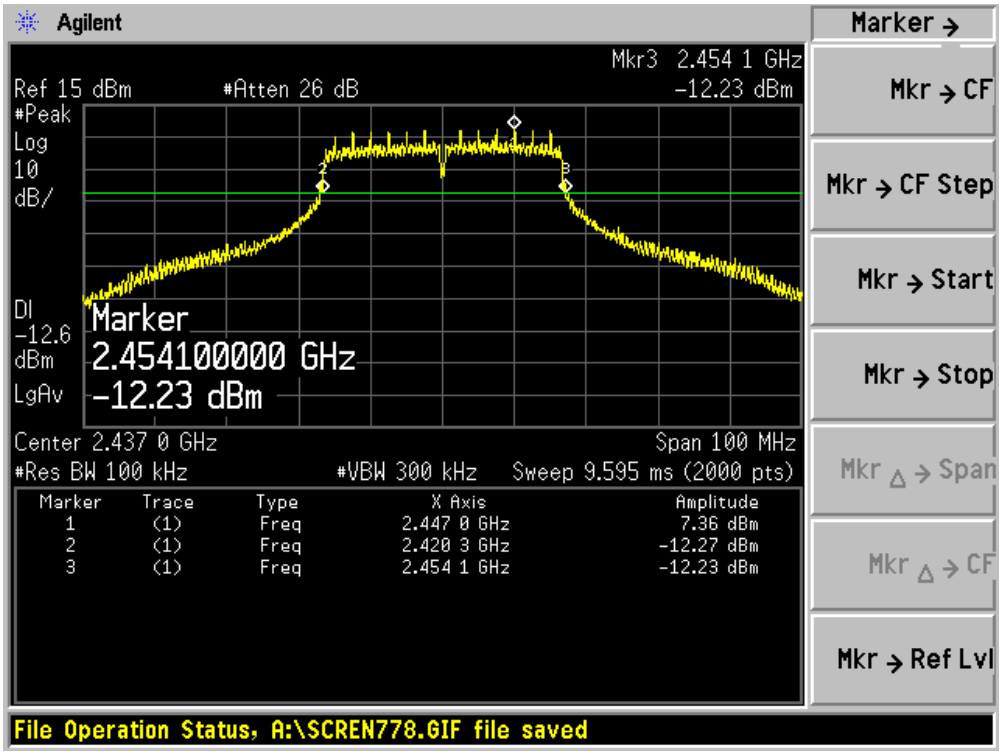


Channel 11 (2462MHz)



Product	:	Wireless Access Point
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	AC-4
Test Mode	:	Mode 4: Transmit by 802.11 turbo g

Channel 07 (2437MHz)



8. Occupied Bandwidth

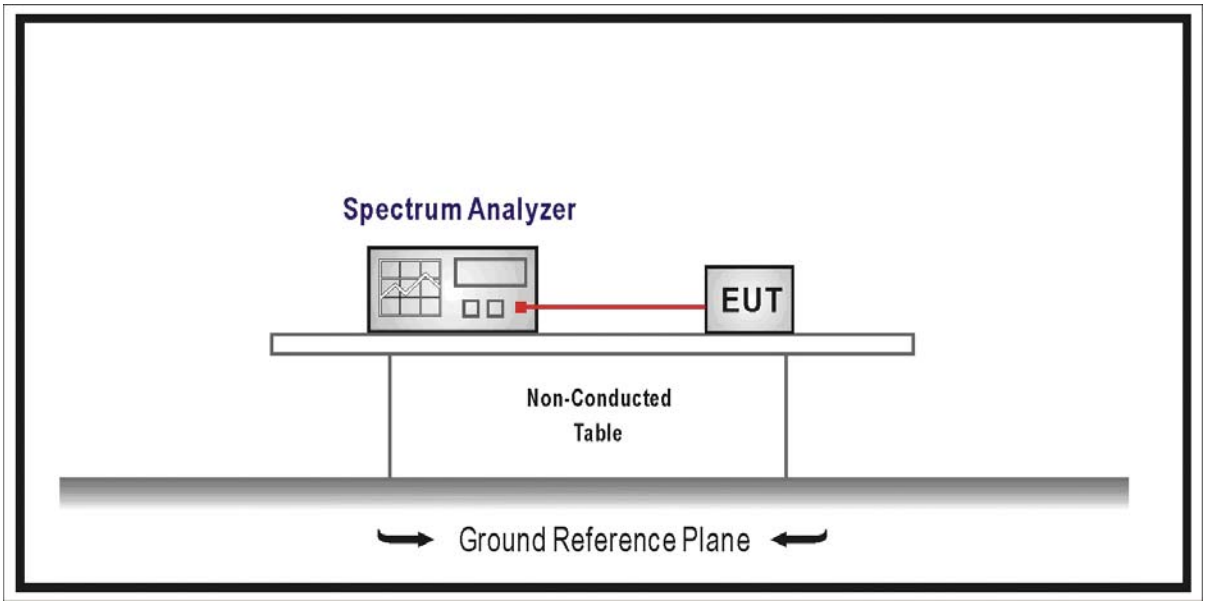
8.1. Test Equipment

Occupied Bandwidth / AC-4

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2007/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2007/11/30

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

8.2. Test Setup



8.3. Limit

The minimum 6 dB bandwidth shall be at least 500 kHz.

8.4. 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 = 100 kHz, Span greater than RBW.

8.5. Uncertainty

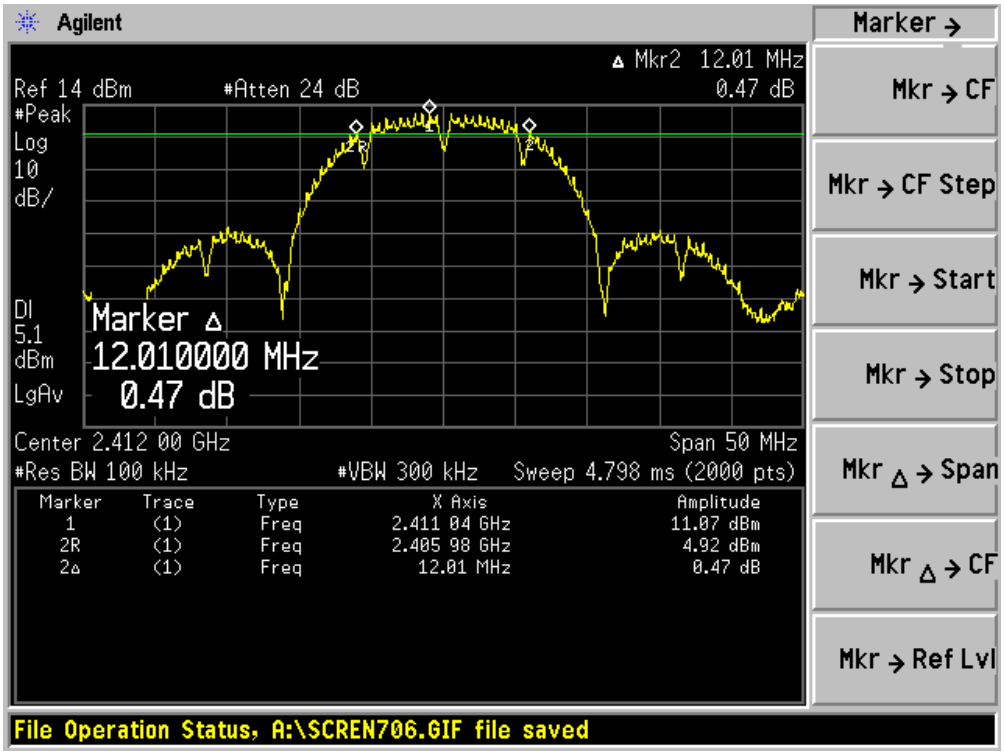
The measurement uncertainty is defined as ± 1 kHz

8.6. Test Result

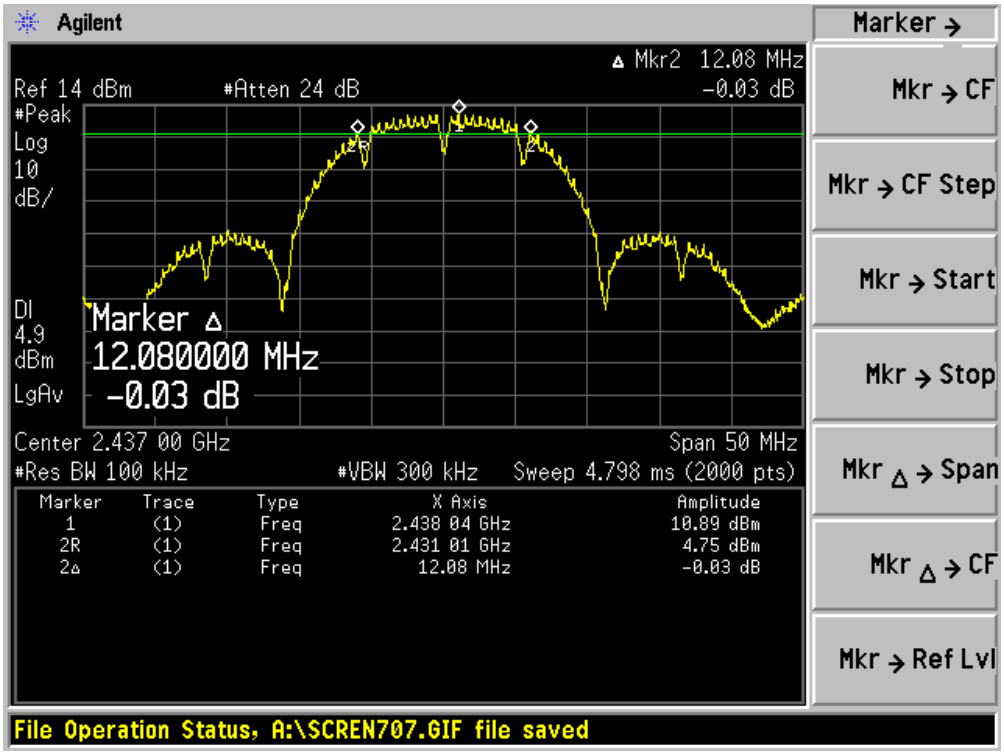
Product	:	Wireless Access Point
Test Item	:	Occupied Bandwidth
Test Site	:	AC-4
Test Mode	:	Mode 1: Transmit by 802.11b

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	12010	500	Pass
06	2437	12080	500	Pass
11	2462	12080	500	Pass

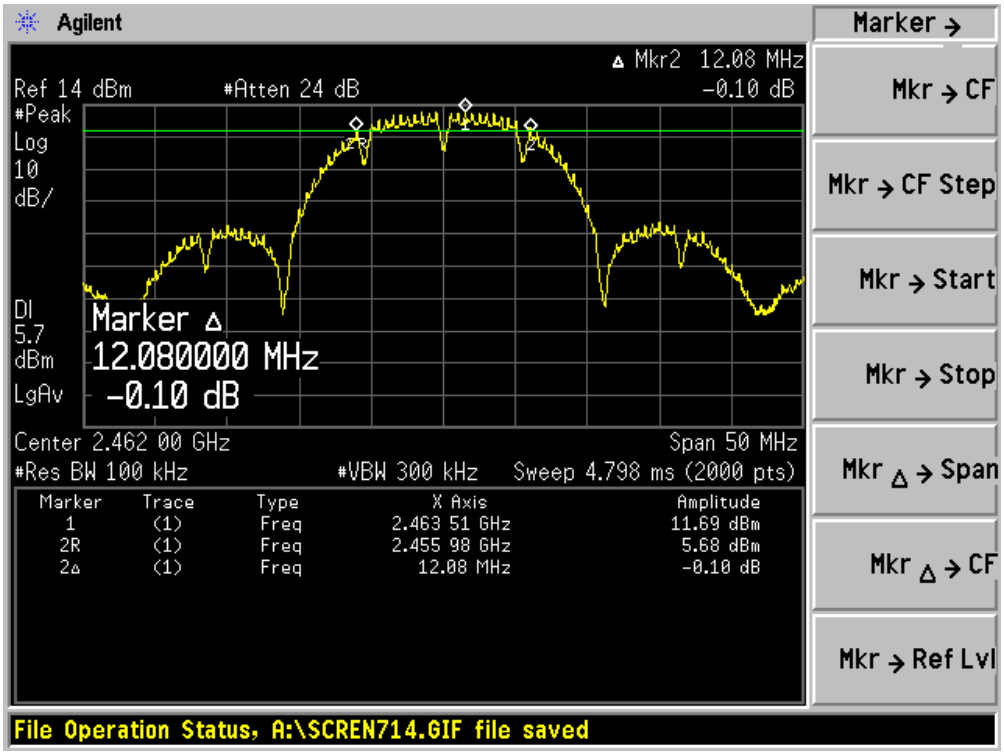
Channel 01 (2412MHz)



Channel 06 (2437MHz)



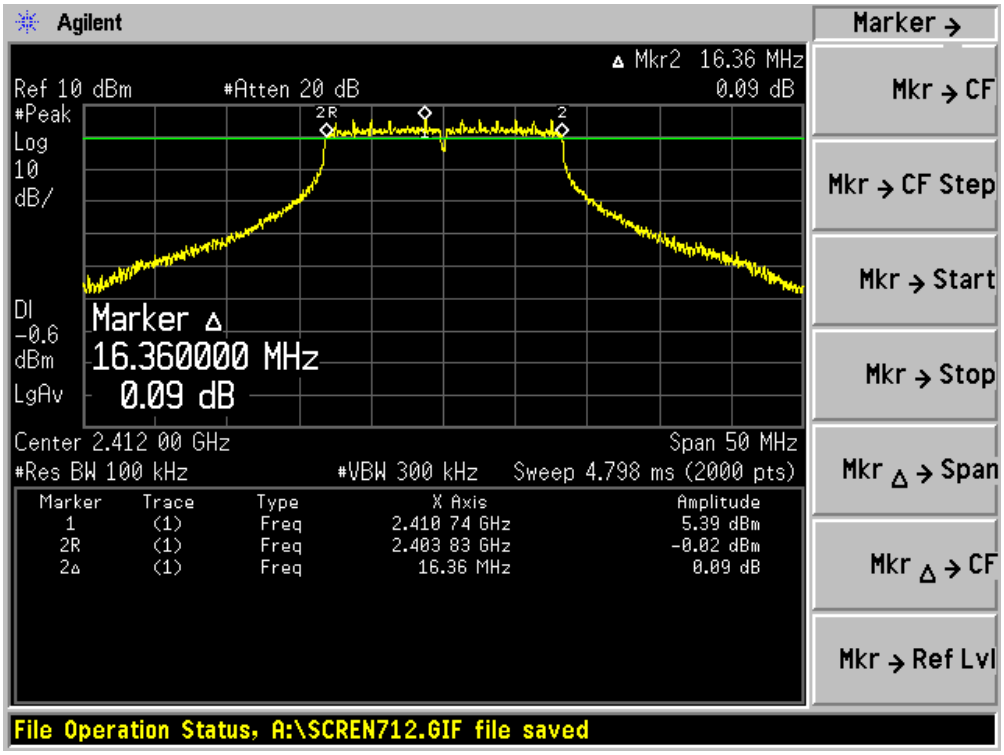
Channel 11 (2462MHz)



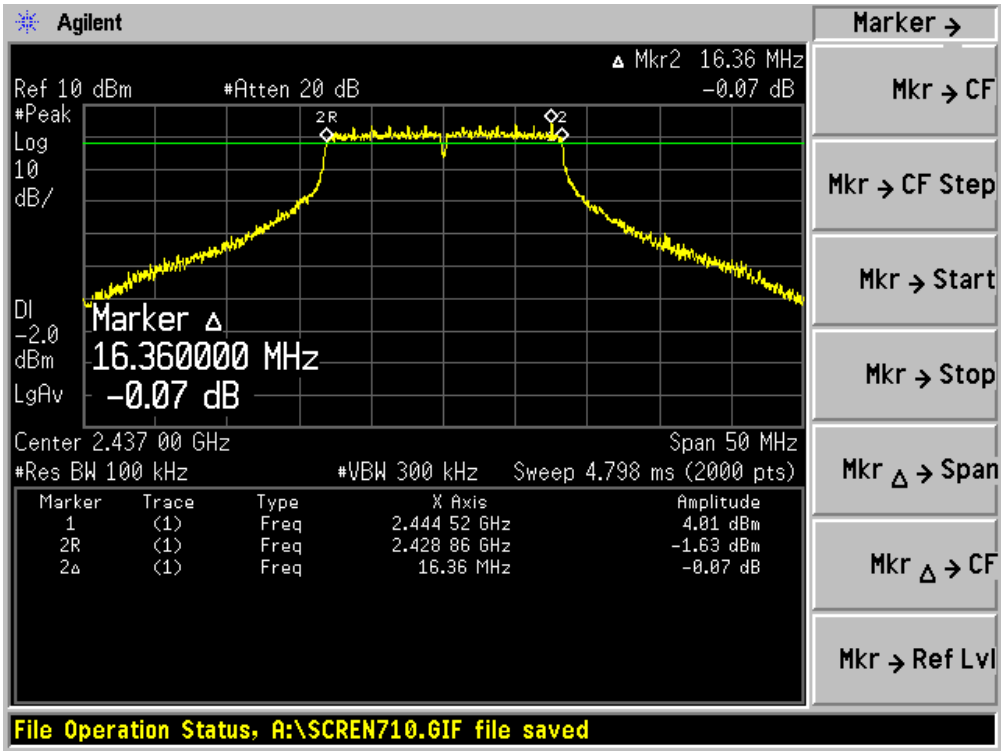
Product	:	Wireless Access Point
Test Item	:	Occupied Bandwidth
Test Site	:	AC-4
Test Mode	:	Mode 2: Transmit by 802.11g

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	16360	500	Pass
06	2437	16360	500	Pass
11	2462	16360	500	Pass

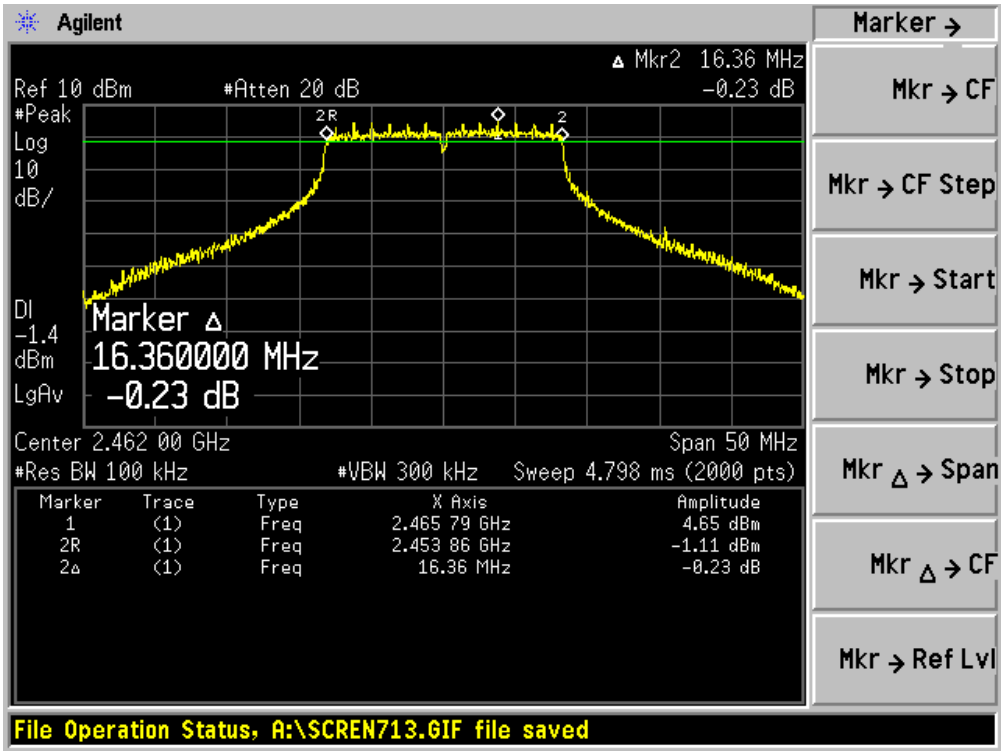
Channel 01 (2412MHz)



Channel 06 (2437MHz)



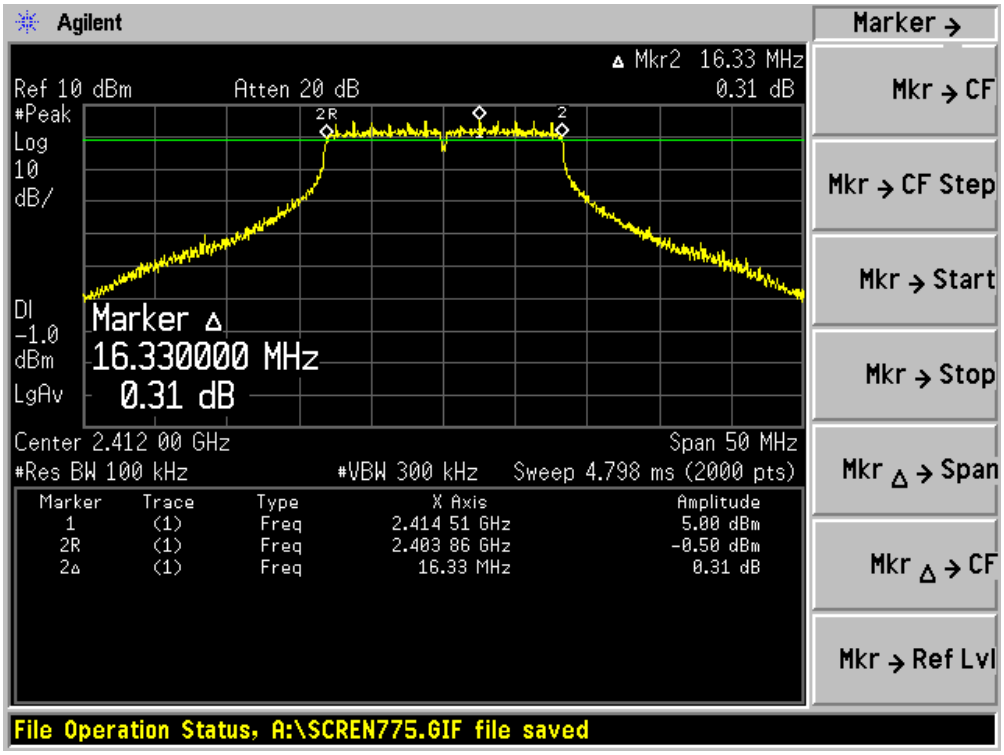
Channel 11 (2462MHz)



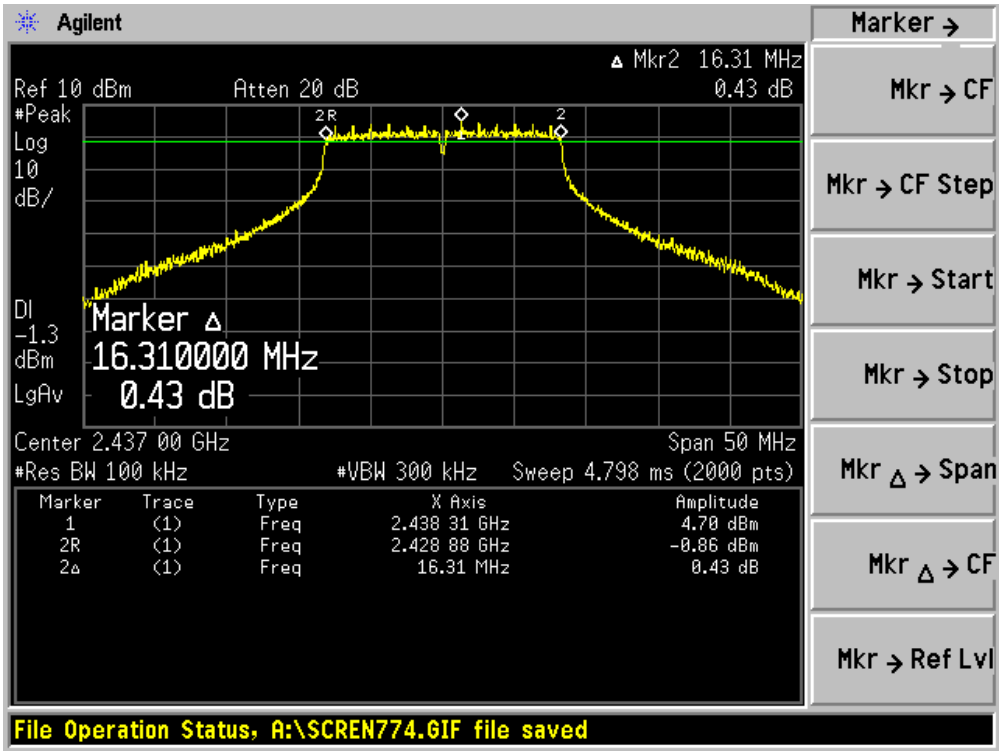
Product	:	Wireless Access Point
Test Item	:	Occupied Bandwidth
Test Site	:	AC-4
Test Mode	:	Mode 3: Transmit by 802.11 super g

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	16330	500	Pass
06	2437	16310	500	Pass
11	2462	16310	500	Pass

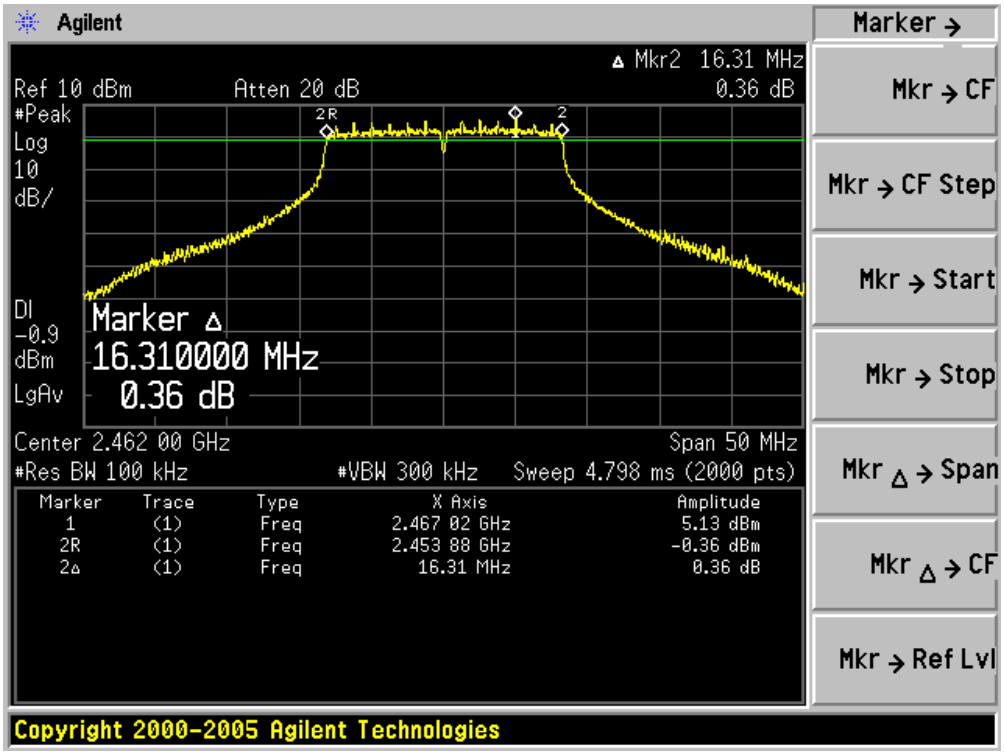
Channel 01 (2412MHz)



Channel 06 (2437MHz)



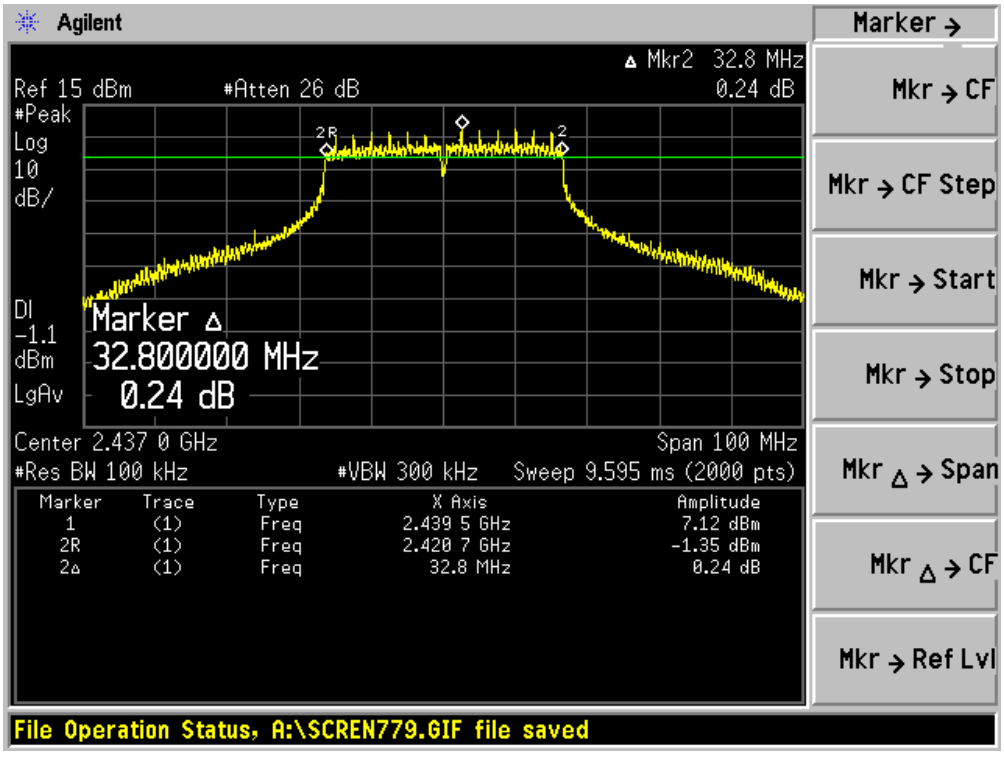
Channel 11 (2462MHz)



Product	:	Wireless Access Point
Test Item	:	Occupied Bandwidth
Test Site	:	AC-4
Test Mode	:	Mode 4: Transmit by 802.11 turbo g

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
06	2437	32800	500	Pass

Channel 06 (2437MHz)



9. Power Output

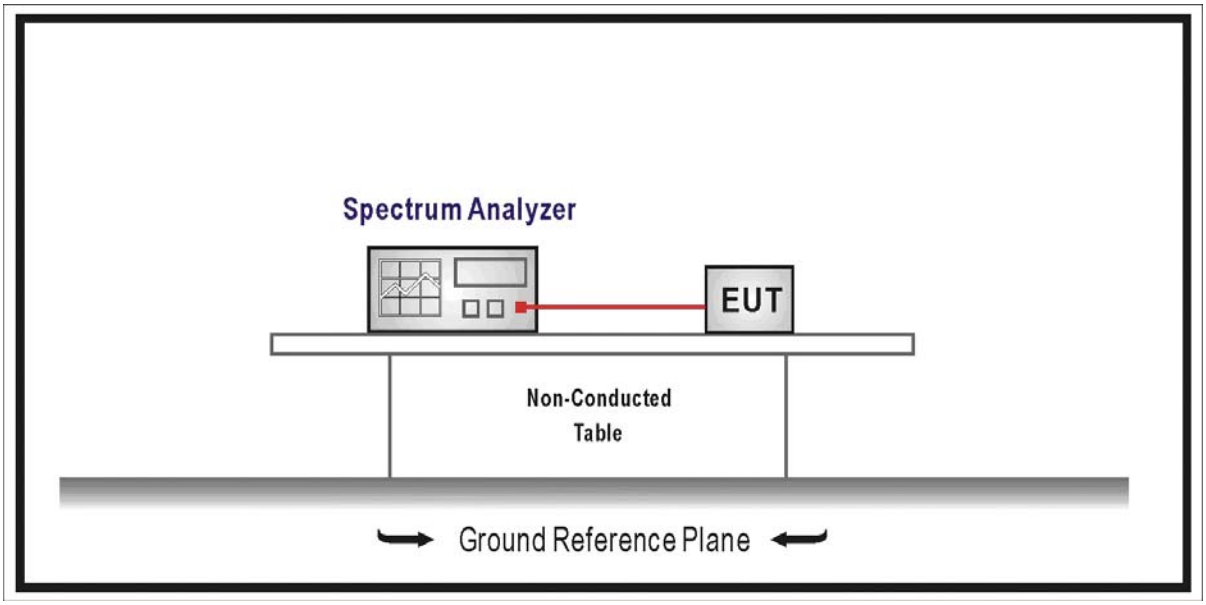
9.1. Test Equipment

Power Output / AC-4

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2007/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2007/11/30

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

9.2. Test Setup



9.3. Limit

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

Note: the conducted output power limit specified above is based on the use the antennas with directional gains that do not exceed 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values above, as appropriate, by the amount in dB that the directional gain of antenna exceeds 6 dBi.

9.4. Test Procedure

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
Power output measurement allowed per Section 15.247(b)(3).
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.

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.

9.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

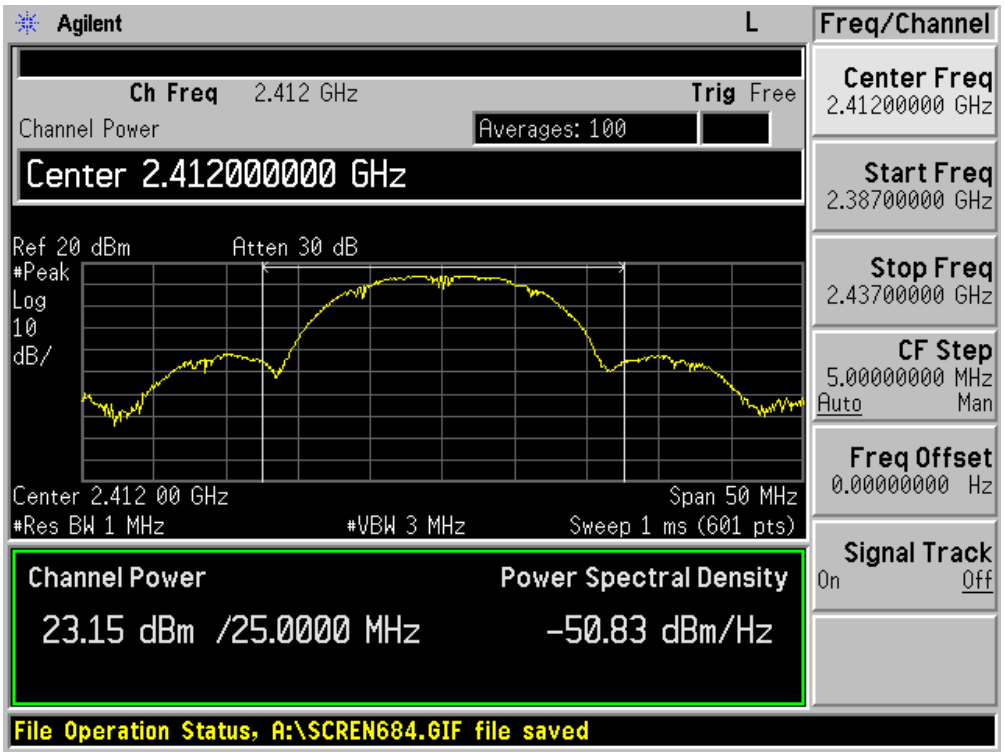
9.6. Test Result

Product	:	Wireless Access Point
Test Item	:	Power Output
Test Site	:	AC-4
Test Mode	:	Mode 1: Transmit by 802.11b

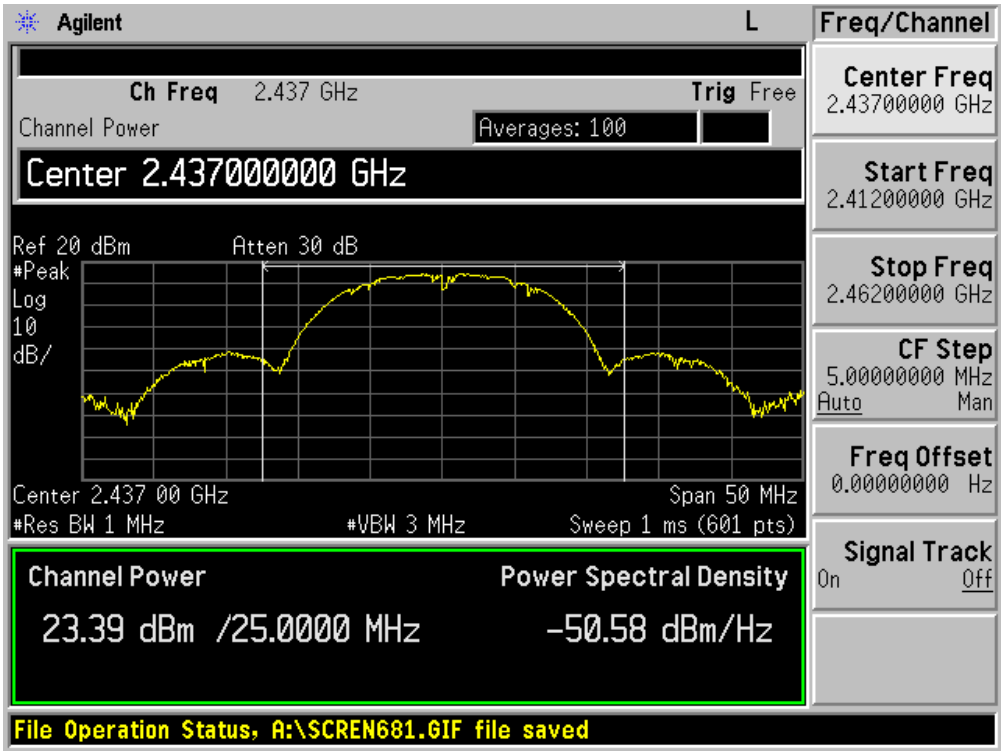
Channel No.	Frequency (MHz)	Data Rate (Mbps)				Limit (dBm)
		1	2	5.5	11	
01	2412	23.15	--	--	--	30
06	2437	23.39	23.03	22.89	22.67	30
11	2462	23.37	--	--	--	30

Note: The antenna gain of transmitter is less than 6 dBi and other than fixed, point-to-point operation, therefore the limit is 30 dBm.

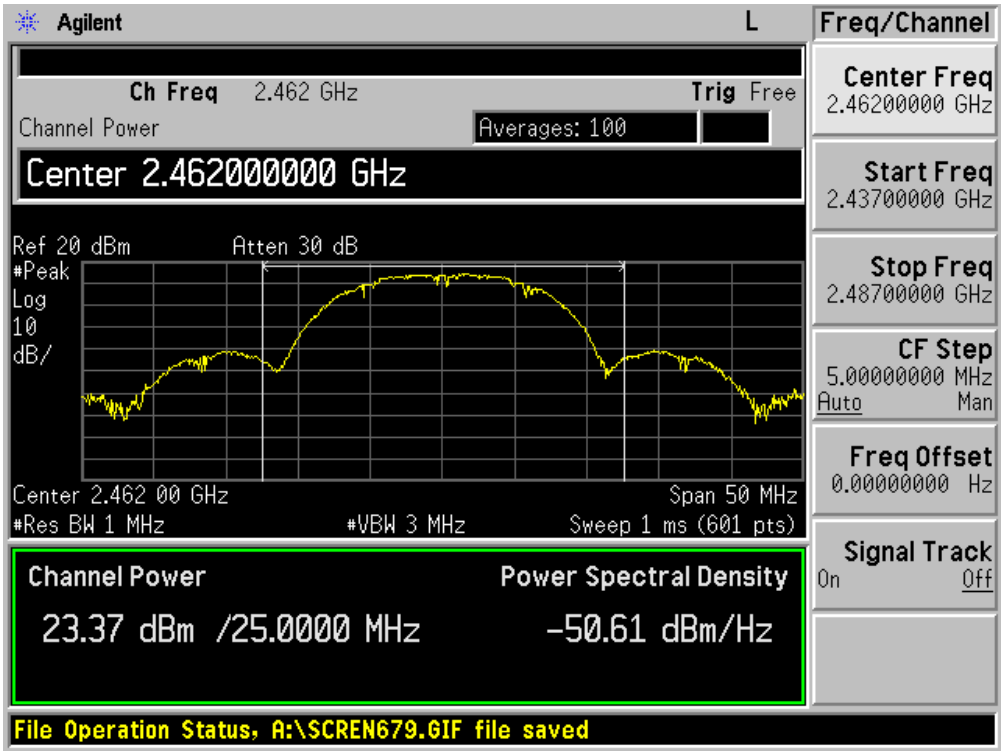
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

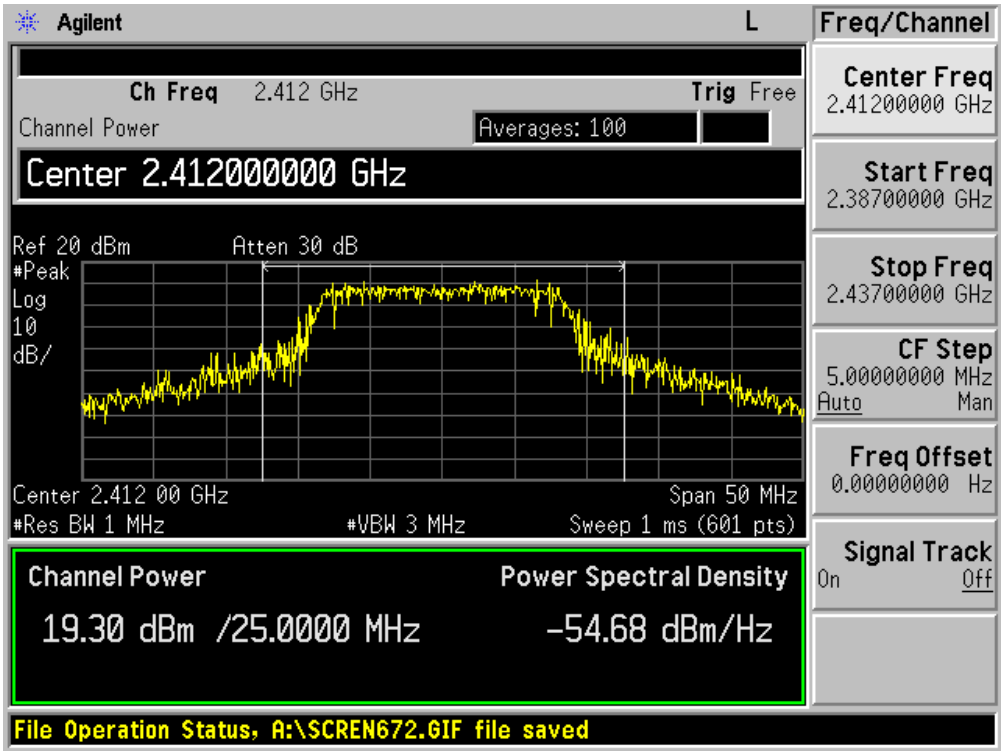


Product	:	Wireless Access Point
Test Item	:	Power Output
Test Site	:	AC-4
Test Mode	:	Mode 2: Transmit by 802.11g

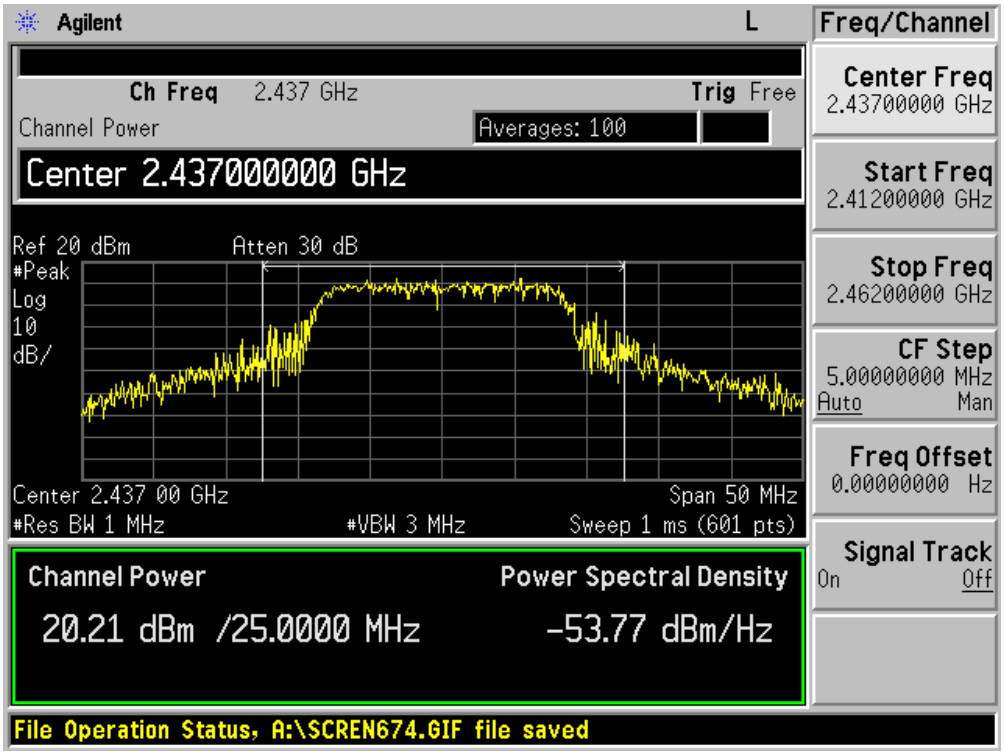
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Limit (dBm)
		6	9	12	18	24	36	48	54	
01	2412	19.30	--	--	--	--	--	--	--	30
06	2437	20.21	20.13	20.04	19.89	19.81	19.75	19.67	19.60	30
11	2462	19.20	--	--	--	--	--	--	--	30

Note: The antenna gain of transmitter is less than 6 dBi and other than fixed, point-to-point operation, therefore the limit is 30 dBm.

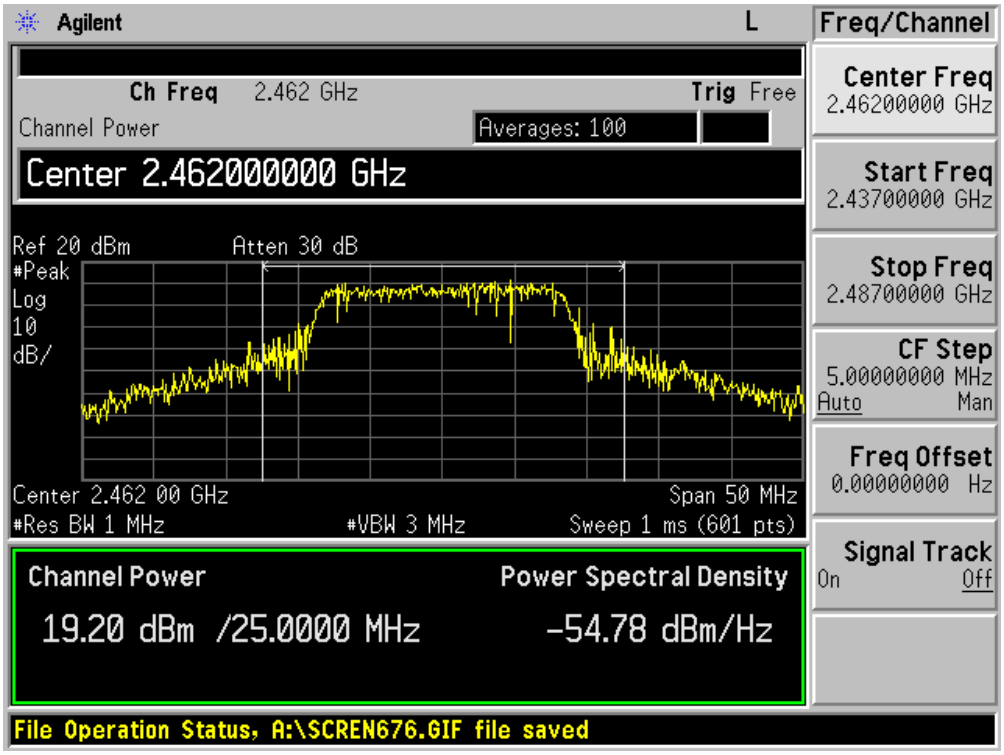
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

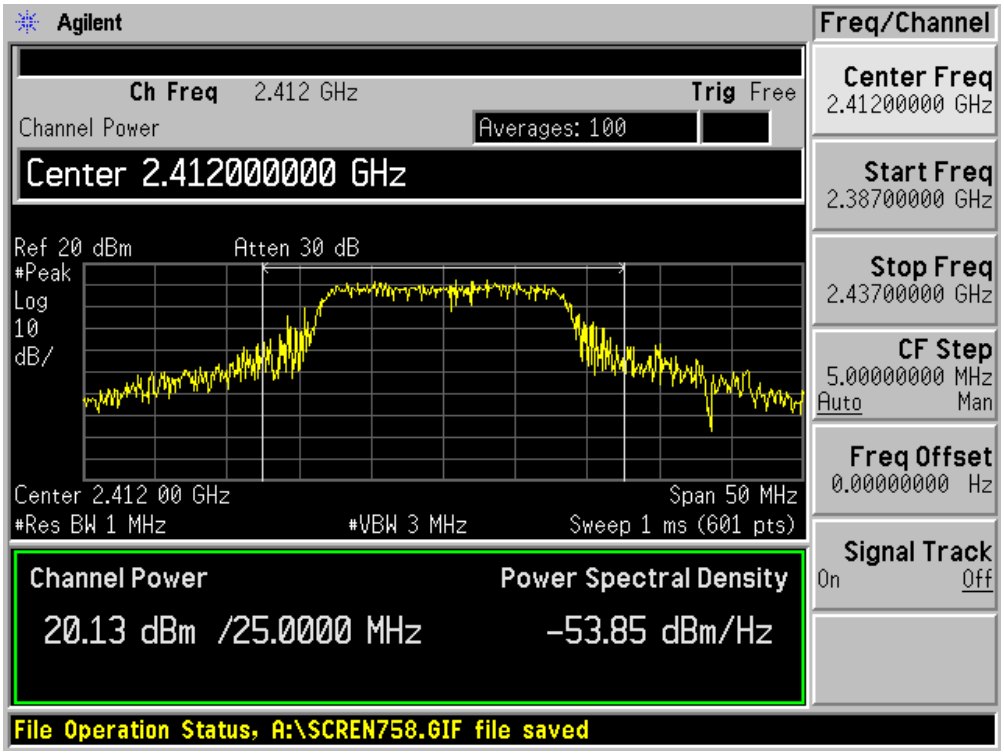


Product	:	Wireless Access Point
Test Item	:	Power Output
Test Site	:	AC-4
Test Mode	:	Mode 3: Transmit by 802.11 super g

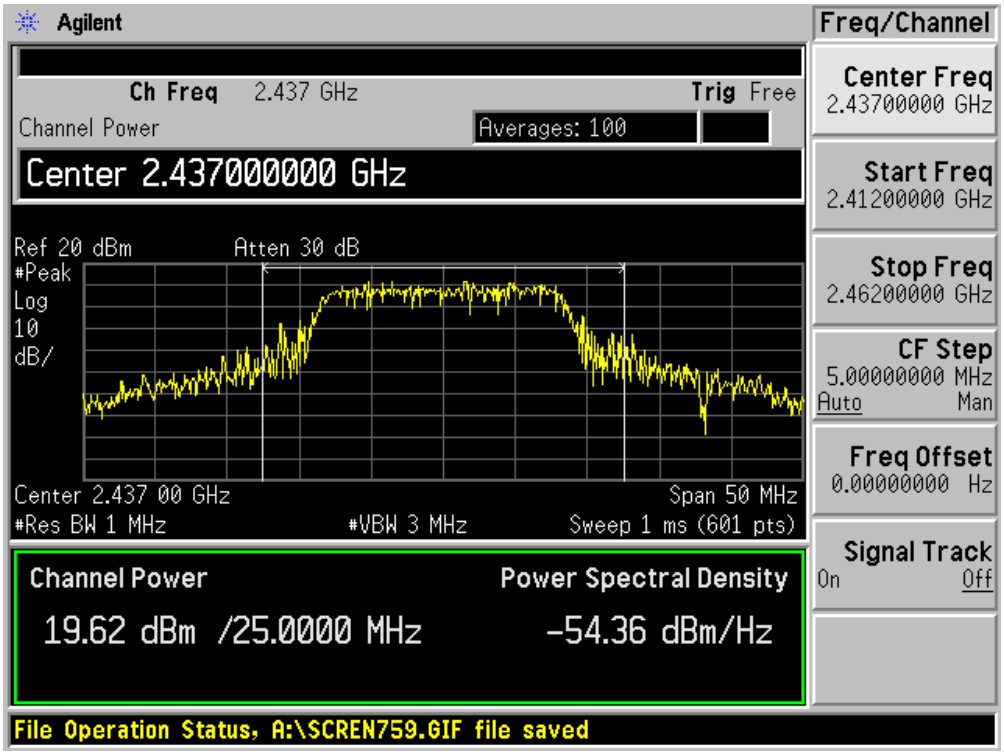
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Limit (dBm)
		6	9	12	18	24	36	48	54	
01	2412	20.13	--	--	--	--	--	--	--	30
06	2437	19.62	19.60	19.45	19.51	19.50	19.25	19.07	19.00	30
11	2462	19.78	--	--	--	--	--	--	--	30

Note: The antenna gain of transmitter is less than 6 dBi and other than fixed, point-to-point operation, therefore the limit is 30 dBm.

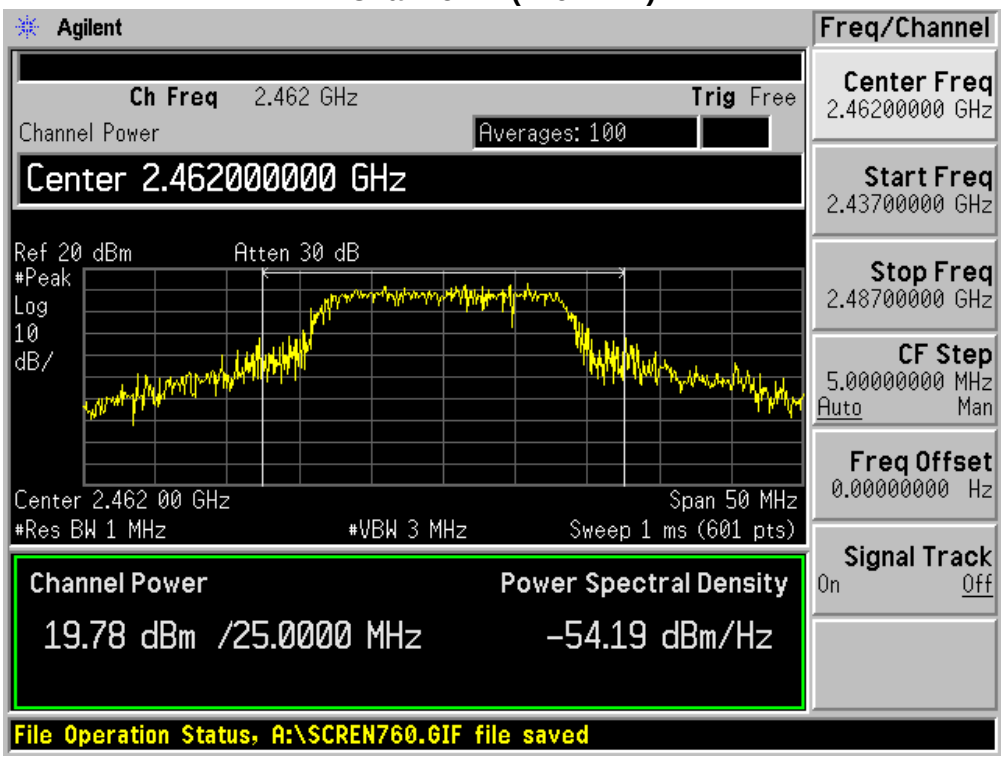
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

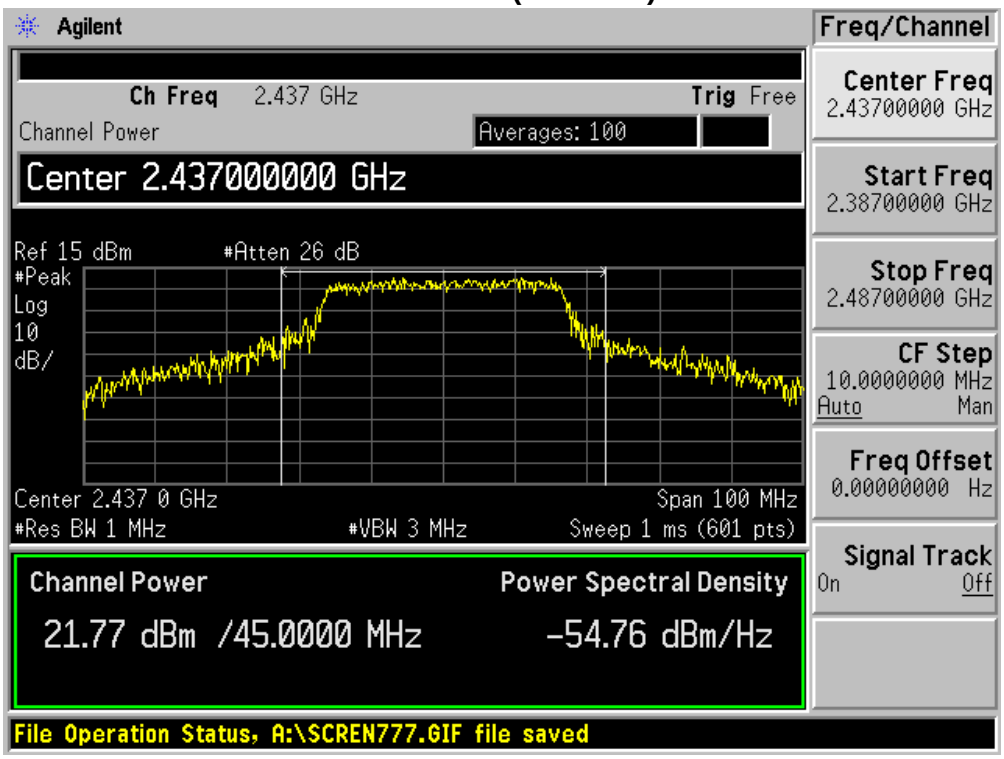


Product	:	Wireless Access Point
Test Item	:	Power Output
Test Site	:	AC-4
Test Mode	:	Mode 4: Transmit by 802.11 turbo g

Channel No.	Frequency (MHz)	Data Rate (Mbps)								Limit (dBm)
		12	18	24	36	48	72	96	108	
06	2437	21.77	20.13	20.04	19.89	19.81	19.75	19.67	19.60	30

Note: The antenna gain of transmitter is less than 6 dBi and other than fixed, point-to-point operation, therefore the limit is 30 dBm.

Channel 06 (2437MHz)



10. Power Spectral Density

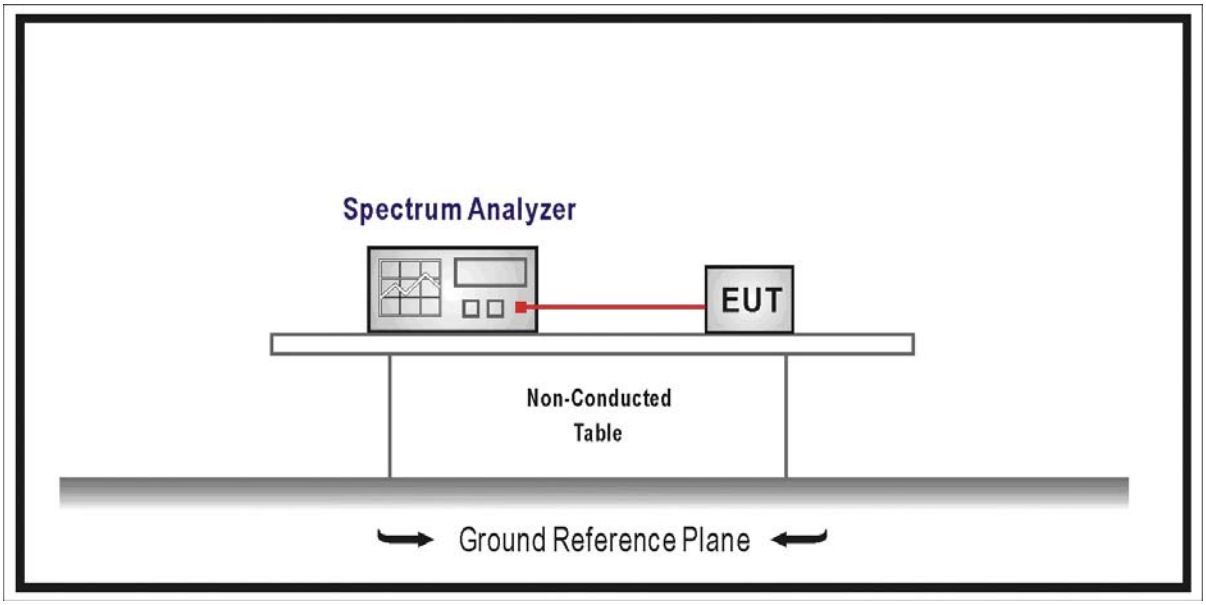
10.1. Test Equipment

Power Spectral Density / AC-4

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2007/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2007/11/30

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

10.2. Test Setup



10.3. 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.

10.4. 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.

10.5. Uncertainty

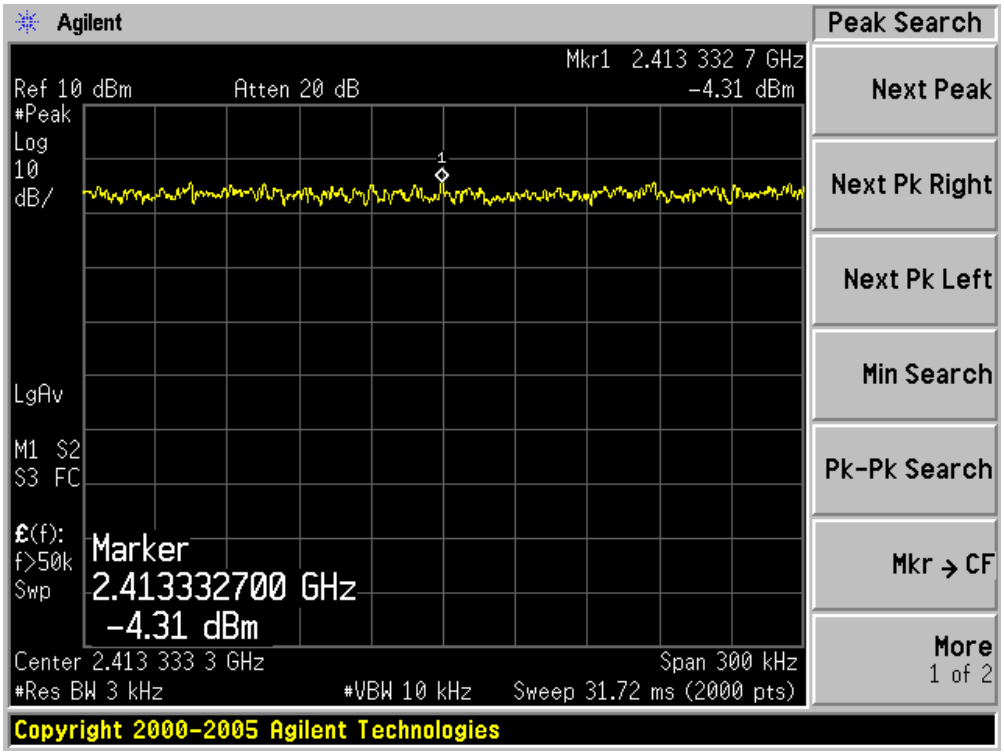
The measurement uncertainty is defined as ± 1.27 dB

10.6. Test Result

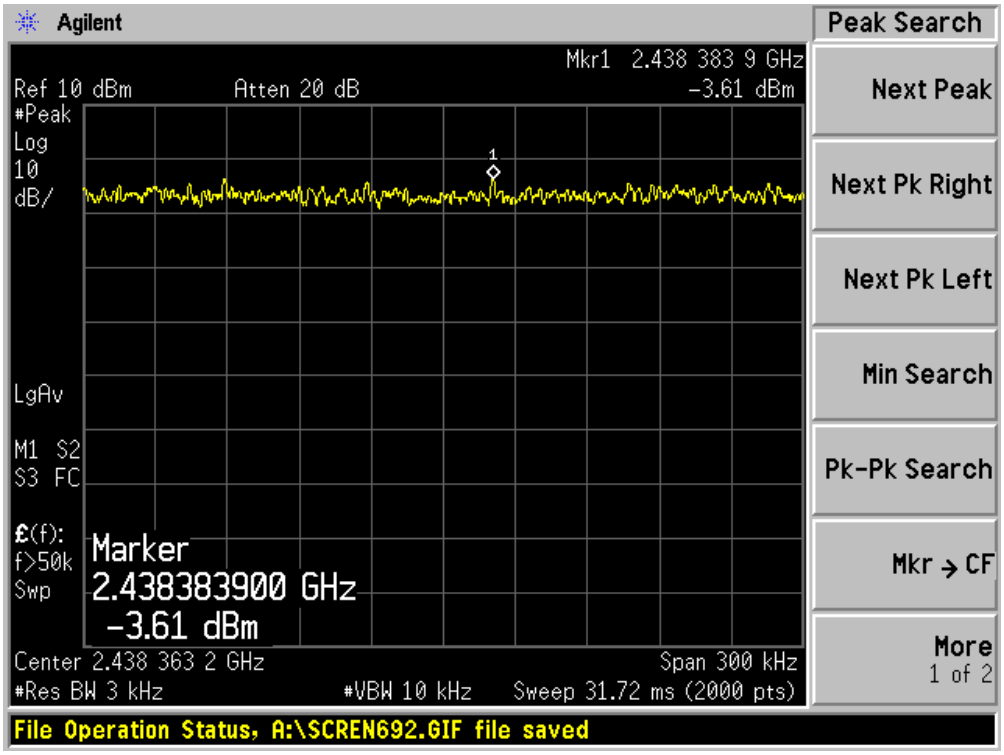
Product	:	Wireless Access Point
Test Item	:	Power Spectral Density
Test Site	:	AC-4
Test Mode	:	Mode 1: Transmit by 802.11b

Channel No.	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-4.31	8	Pass
06	2437	-3.61	8	Pass
11	2462	-3.61	8	Pass

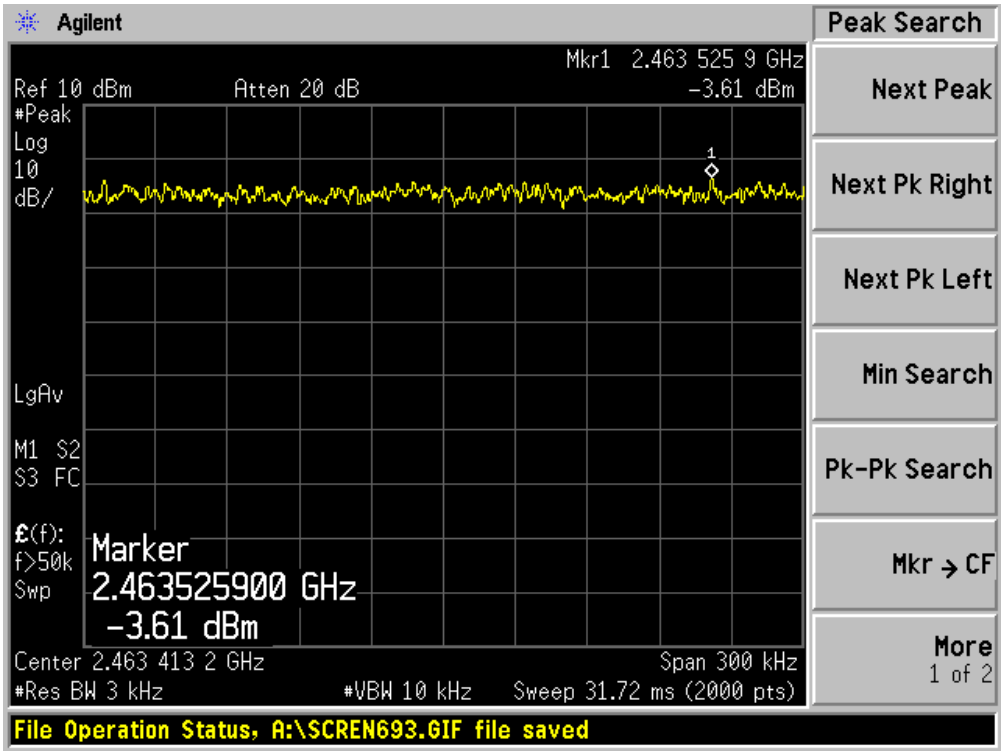
Channel 01 (2412MHz)



Channel 06 (2437MHz)



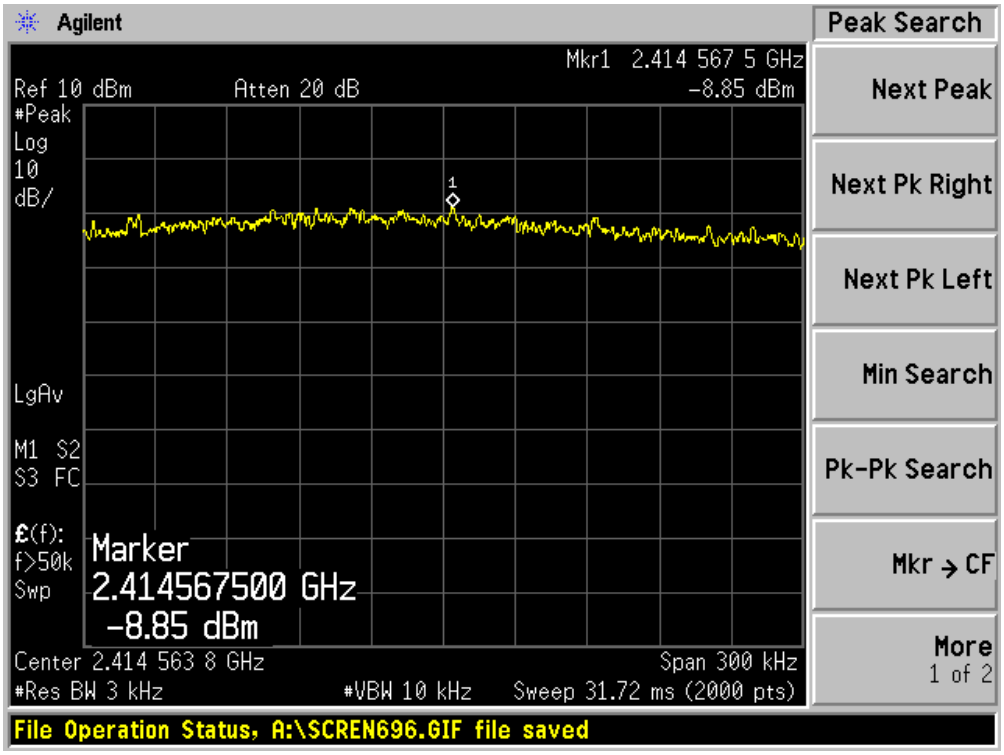
Channel 11 (2462MHz)



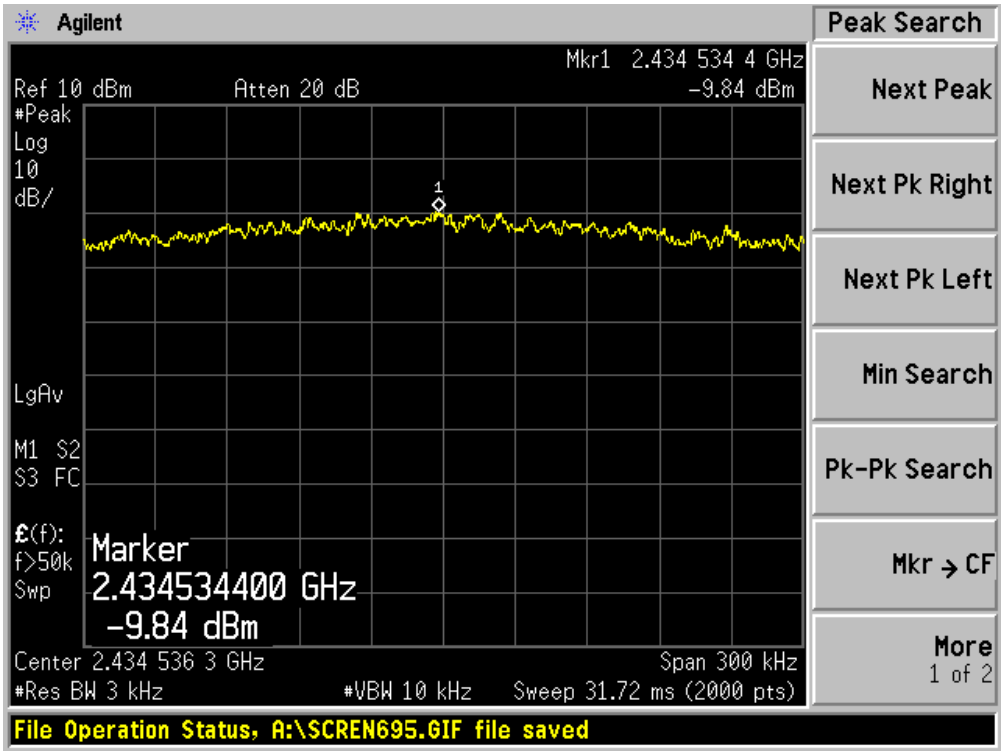
Product	:	Wireless Access Point
Test Item	:	Power Spectral Density
Test Site	:	AC-4
Test Mode	:	Mode 2: Transmit by 802.11g

Channel No.	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-8.85	8	Pass
06	2437	-9.84	8	Pass
11	2462	-8.60	8	Pass

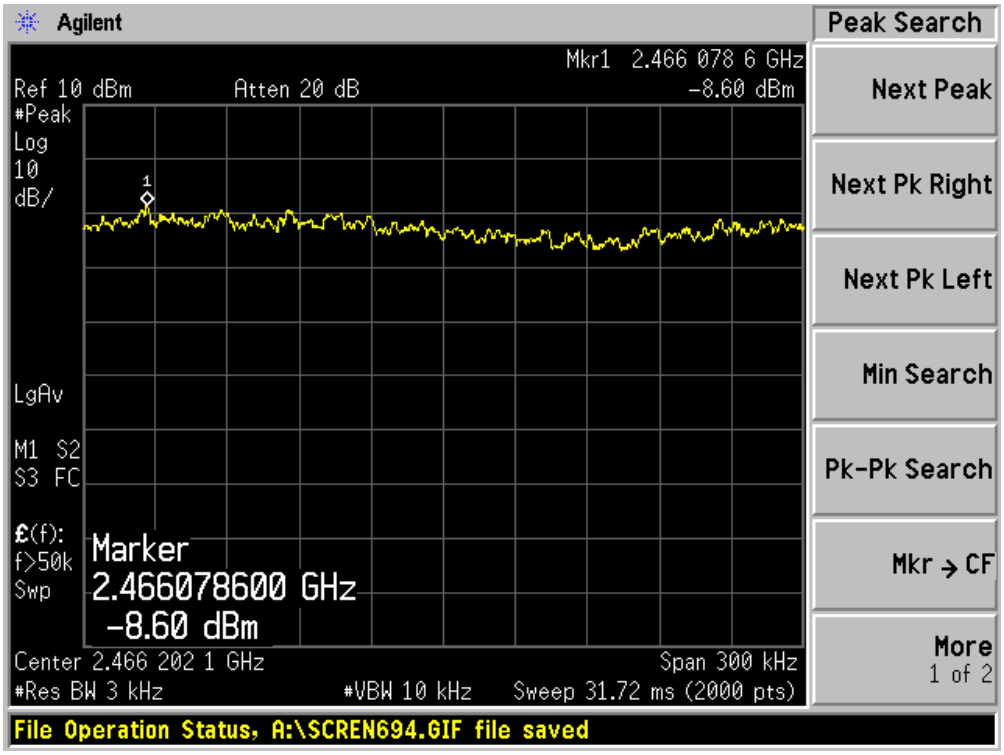
Channel 01 (2412MHz)



Channel 06 (2437MHz)



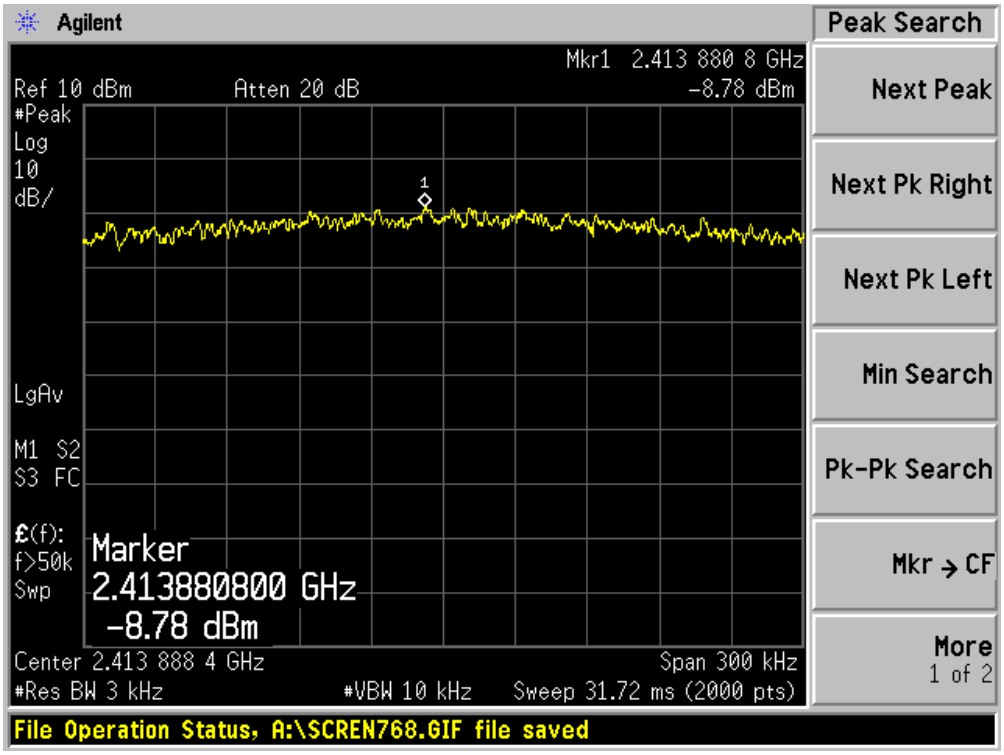
Channel 11 (2462MHz)



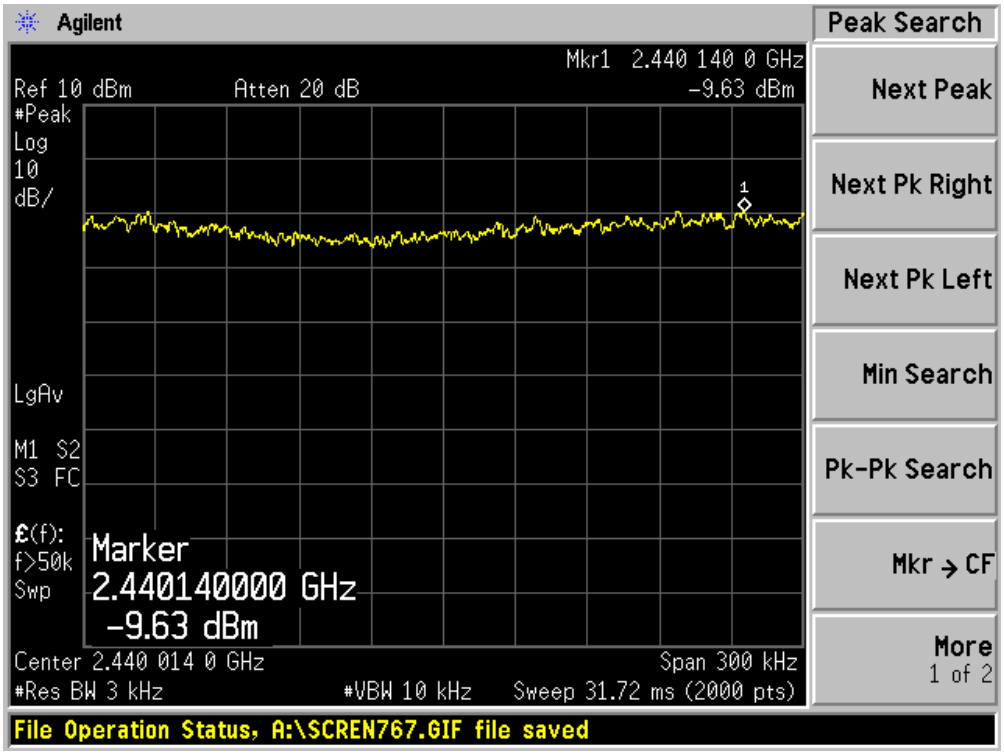
Product	:	Wireless Access Point
Test Item	:	Power Spectral Density
Test Site	:	AC-4
Test Mode	:	Mode 3: Transmit by 802.11 super g

Channel No.	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-8.78	8	Pass
06	2437	-9.63	8	Pass
11	2462	-9.00	8	Pass

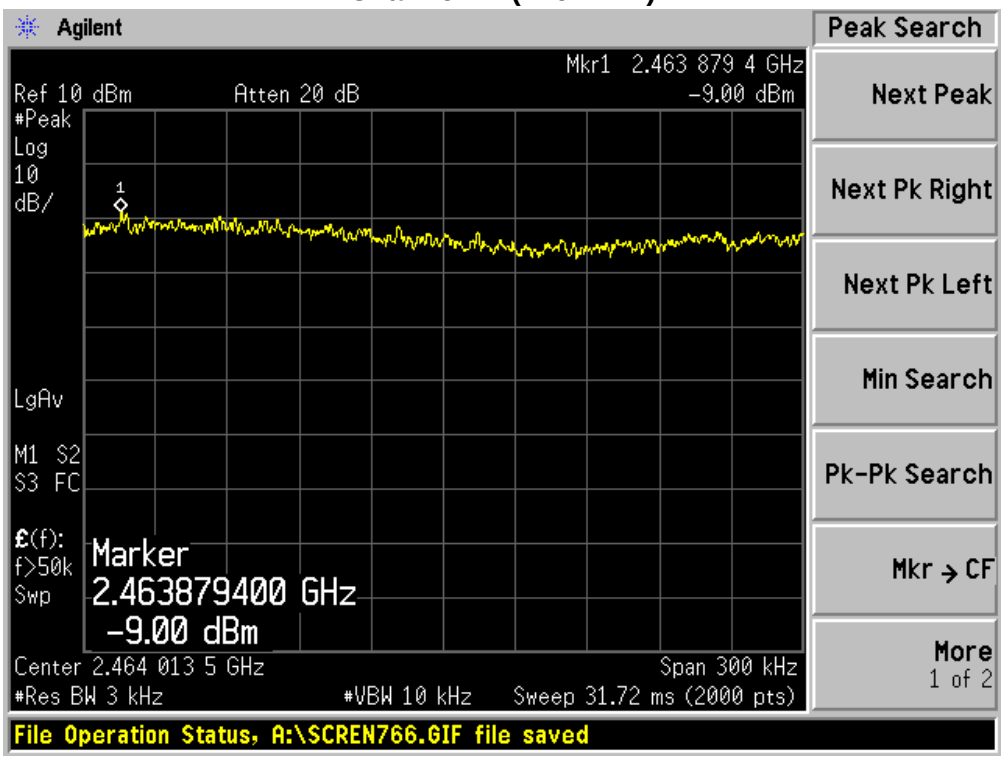
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



Product	:	Wireless Access Point
Test Item	:	Power Spectral Density
Test Site	:	AC-4
Test Mode	:	Mode 4: Transmit by 802.11 turbo g

Channel No.	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
06	2437	-10.94	8	Pass

Channel 06 (2437MHz)