Test Report

Product Name	:	Wireless-AG (108MBPS) Network USB Adapter
Model No.	:	IWAVEPORT WLU108AG-MC
FCC ID	:	TK4-WLU108AG-MC

Applicant	:	Compex Systems Pte Ltd.
Address	:	135 Joo Seng Road, #08-01 PM Industrial Building Singapore 368363

Date of Receipt	:	2007/06/15
Issued Date	:	2008/01/29
Report No.	:	076S041-RF-US-P05V01

Test Report Certification

Issued Date : 2008/01/29
Report No. : 076S041-RF-US-P05V01

QuieTek

Product Name	:	Wireless-AG (108MBPS) Network USB Adapter
Applicant	:	Compex Systems Pte Ltd.
Address	:	135 Joo Seng Road, #08-01 PM Industrial Building Singapore 368363
Manufacturer	:	Compex Systems Pte Ltd.
Model No.	:	IWAVEPORT WLU108AG-MC
FCC ID	:	TK4-WLU108AG-MC
Rated Voltage	:	AC 120V/60Hz
Working Voltage	:	DC 5V
Trade Name	:	Compex
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 : Mandy Liu
(Mandy Liu)

Reviewed By : Dream Cao
(Dream Cao)

Approved By : Gene Chang
(Gene Chang)

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. 5-22, 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
TEL : +86-512-6251-5088 / FAX : 86-512-6251-5098 E-Mail : service@quietek.com

NVLAP Lab Code : 200743-0

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1. General Information

1.1. EUT Description

Product Name	Wireless-AG (108MBPS) Network USB Adapter
Trade Name	Compex
Model No.	IWAVEPORT WLU108AG-MC
FCC ID	TK4-WLU108AG-MC
Working Voltage	DC 5V
Frequency Range	802.11a: 5740-5840 MHz
	802.11b/g: 2412-2462 MHz
	Super 802.11a: 5760-5820MHz
	Super 802.11g: 2422-2462MHz
Channel Number	802.11a: 6
	802.11b/g: 11
	Super 802.11a: 4
	Super 802.11g: 9
Type of Modulation	802.11a: OFDM
	802.11b: DSSS
	802.11g: OFDM
	Super 802.11a: OFDM
	Super 802.11g: OFDM
Channel Control	Auto
Antenna type	Built-in dielectric Antenna
Antenna Gain	1.5dBi

Antenna List

No.	Manufacturer	Peak Gain
1	Compex	1.5dBi

802.11a Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
09	5740 MHz	10	5760 MHz	11	5780 MHz	12	5800 MHz
13	5820 MHz	14	5840 MHz	--	--	--	--

802.11b/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	--	--

Super 802.11a Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
09	--	10	5760 MHz	11	5780 MHz	12	5800 MHz
13	5820 MHz	--	--	--	--	--	--

Super 802.11g Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
01	--	02	--	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	--	--

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:

Pre-Test Mode	
Mode 1: Transmit by 802.11a	
Mode 2: Transmit by 802.11b	
Mode 3: Transmit by 802.11g	
Mode 4: Transmit by Super 802.11a	
Mode 5: Transmit by Super 802.11g	
Final Test Mode	
Emission	Mode 1: Transmit by 802.11a
	Mode 2: Transmit by 802.11b
	Mode 3: Transmit by 802.11g
	Mode 4: Transmit by Super 802.11a
	Mode 5: Transmit by Super 802.11g

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 076S041-RF-US-P01V02, certified under Declaration of Conformity.

Power Output under Different Data Rates

802.11a Channel 1 (5740MHz)								
Data Rate (Mbps)	6	9	12	18	24	36	48	54
Power (dBm)	13.31	12.53	12.57	12.53	12.54	12.52	12.43	12.61
802.11b Channel 1 (2412MHz)								
Data Rate (Mbps)	1	2	5.5	11	N/A	N/A	N/A	N/A
Power (dBm)	11.38	11.24	11.21	11.16	N/A	N/A	N/A	N/A
802.11g Channel 1 (2412MHz)								
Data Rate (Mbps)	6	9	12	18	24	36	48	54
Power (dBm)	9.10	8.78	8.74	8.77	8.83	8.76	8.75	8.78
Super 802.11a Channel 1 (5760MHz)								
Data Rate (Mbps)	12	18	24	36	48	72	96	108
Power (dBm)	14.93	13.90	13.77	13.76	13.60	13.50	13.44	13.39
Super 802.11g Channel 1 (2422MHz)								
Data Rate (Mbps)	12	18	24	36	48	72	96	108
Power (dBm)	10.07	9.42	9.34	9.27	9.27	9.16	9.14	9.14

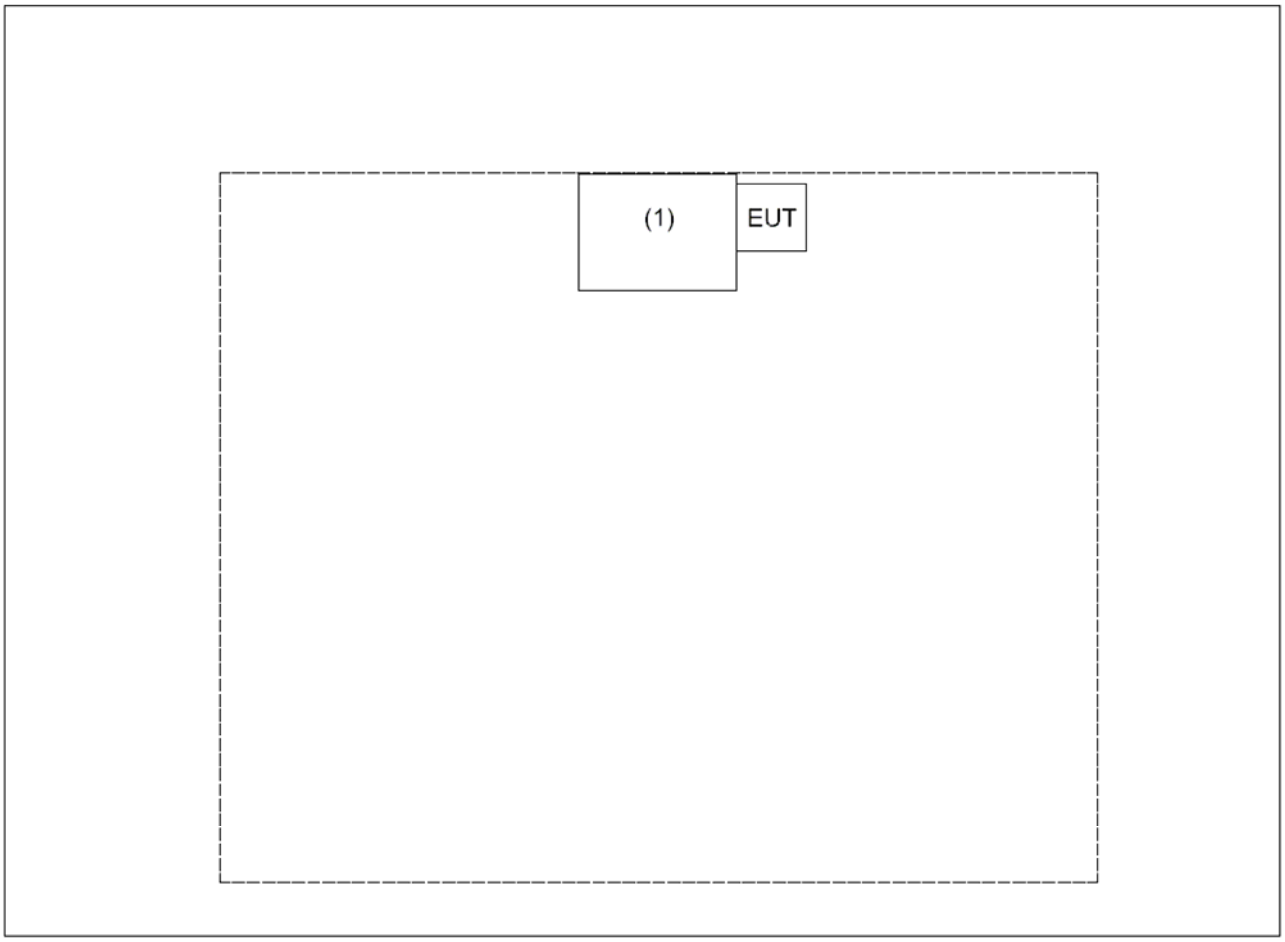
Note: Base on above table, we choose the lowest data rate for final test.

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
1	Notebook	DELL	PP19L	JH097 A01	Non-Shielded, 1.8m

1.4. Configuration of Tested System

Connection Diagram


Signal Cable Type		Signal cable Description
A	N/A	N/A

1.5. EUT Exercise Software

1	Setup the EUT and simulators as shown on above.
2	Turn on the power for the equipments.
3	Run the test software for controlling EUT transmitting mode for the test.

2. Technical Test

2.1. Summary of Test Result

☒ No deviations from the test standards

☐ Deviations from the test standards as below description:

Emission			
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 15.215, 15.247(d)	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
Frequency Range of 20dB Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.215	Yes	No
Band Edge	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.247(d)	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	25
Humidity (%RH)	25-75	48
Barometric pressure (mbar)	860-1060	950-1000

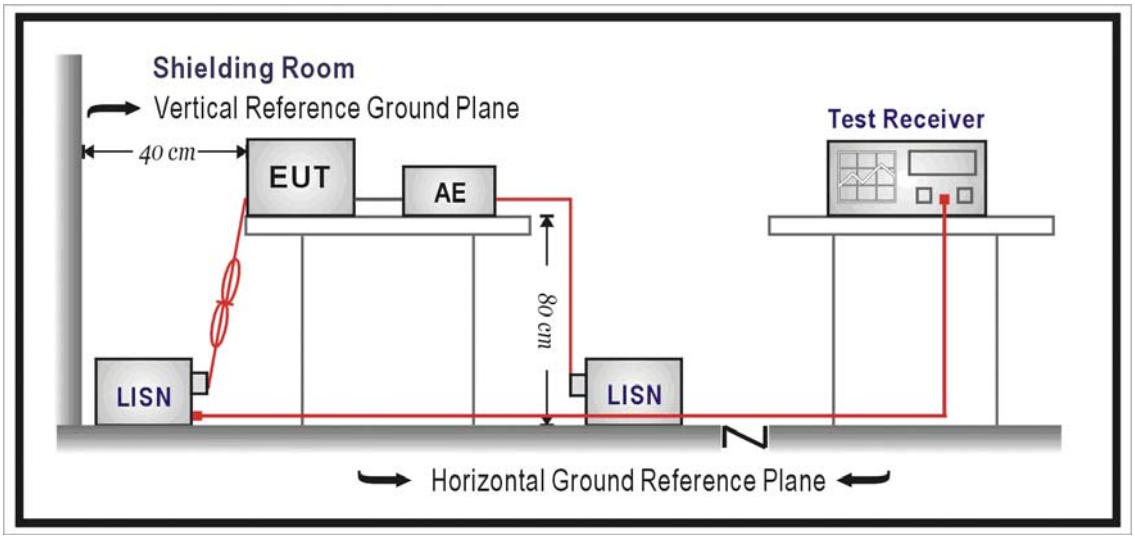
3. Conducted Emission

3.1. Test Equipment

Conducted Emission / SR-1

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
EMI Test Receiver	R&S	ESCI	100176	2007/11/22
Two-Line V-Network	R&S	ENV216	100013	2007/11/20
Two-Line V-Network	R&S	ENV216	100014	2007/11/20
50ohm Coaxial Switch	ANRITSU	MP59B	6200464462	2007/11/25
50ohm Termination	SHX	50ohmI	QT-IM001	2007/03/20
Coaxial Cable	Luthi	RG214	519358	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH004	2007/03/31

3.2. Test Setup



3.3. Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits (dBuV)		
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

Remarks: In the above table, the tighter limit applies at the band edges.

3.4. Test Procedure

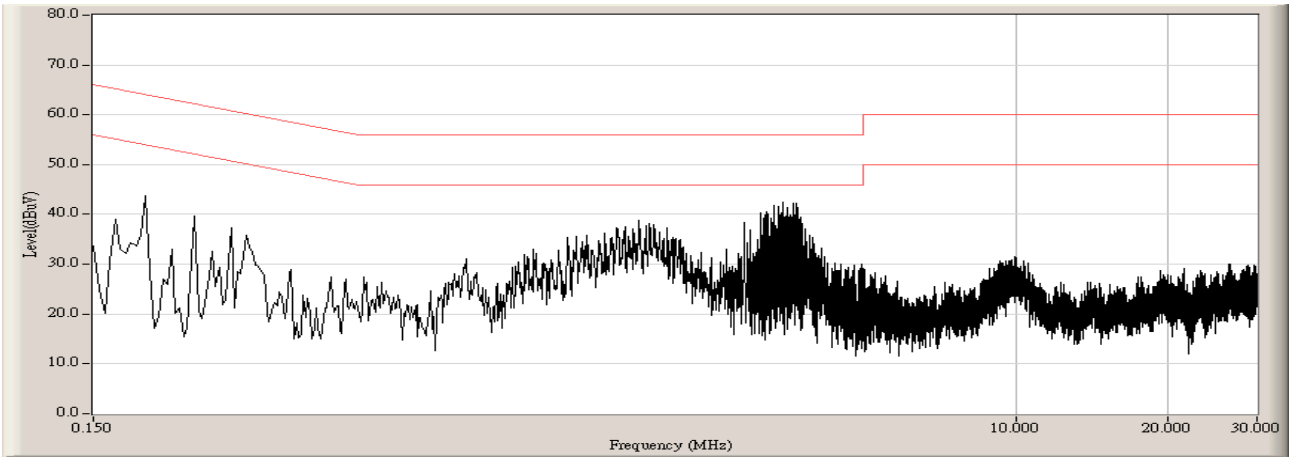
The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination.
(Please refers to the block diagram of the test setup and photographs.)
Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed on conducted measurement.
Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

3.5. Uncertainty

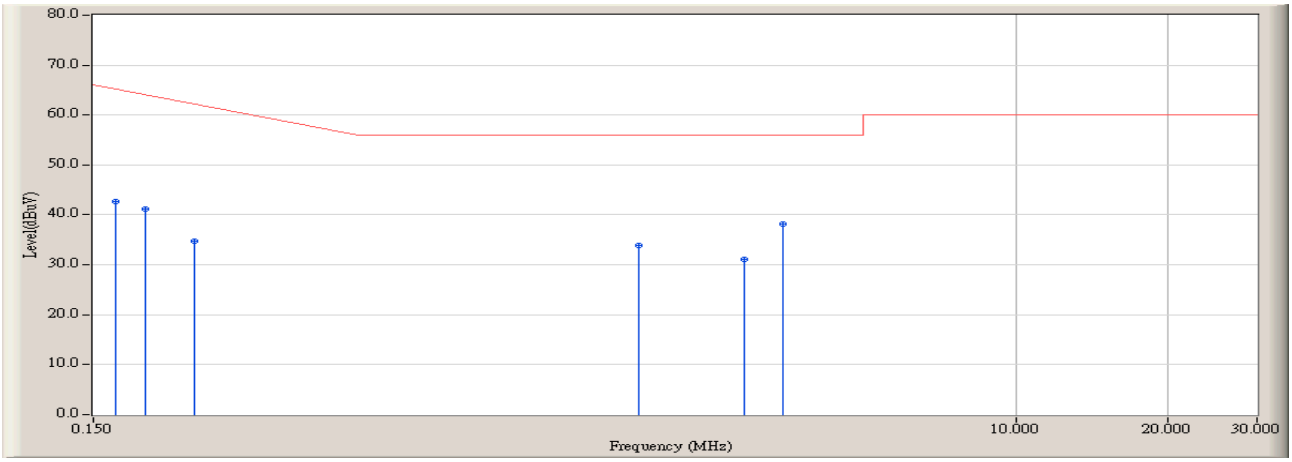
The measurement uncertainty is defined as ± 2.02 dB

3.6. Test Result

Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/13 - 09:58**
Limit : FCC_Part15_B_00M_QP	**Margin : 10**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line1**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5800MHz)**



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/13 - 09:58**
Limit : FCC_Part15_B_00M_QP	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line1**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5800MHz)**

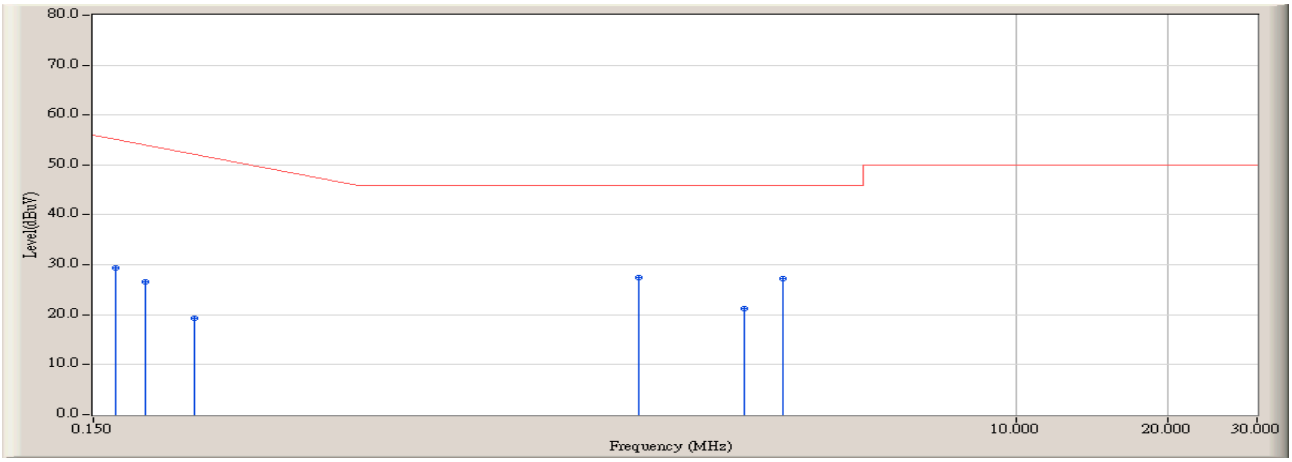


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	10.048	32.700	42.748	-22.795	65.543	QUASIPEAK
2		0.190	9.515	31.600	41.115	-23.742	64.857	QUASIPEAK
3		0.238	9.325	25.500	34.825	-28.661	63.486	QUASIPEAK
4		1.802	9.790	24.100	33.890	-22.110	56.000	QUASIPEAK
5		2.910	9.830	21.200	31.030	-24.970	56.000	QUASIPEAK
6	*	3.474	9.820	28.300	38.120	-17.880	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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/13 - 09:58**
Limit : FCC_Part15_B_00M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line1**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5800MHz)**

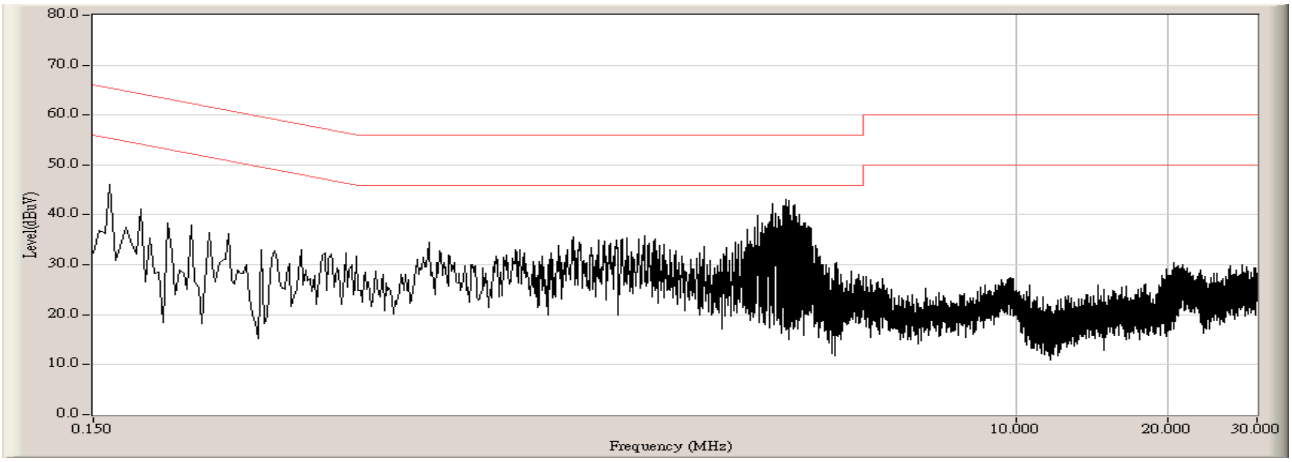


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	10.048	19.400	29.448	-26.095	55.543	AVERAGE
2		0.190	9.515	17.000	26.515	-28.342	54.857	AVERAGE
3		0.238	9.325	10.000	19.325	-34.161	53.486	AVERAGE
4	*	1.802	9.790	17.600	27.390	-18.610	46.000	AVERAGE
5		2.910	9.830	11.300	21.130	-24.870	46.000	AVERAGE
6		3.474	9.820	17.400	27.220	-18.780	46.000	AVERAGE

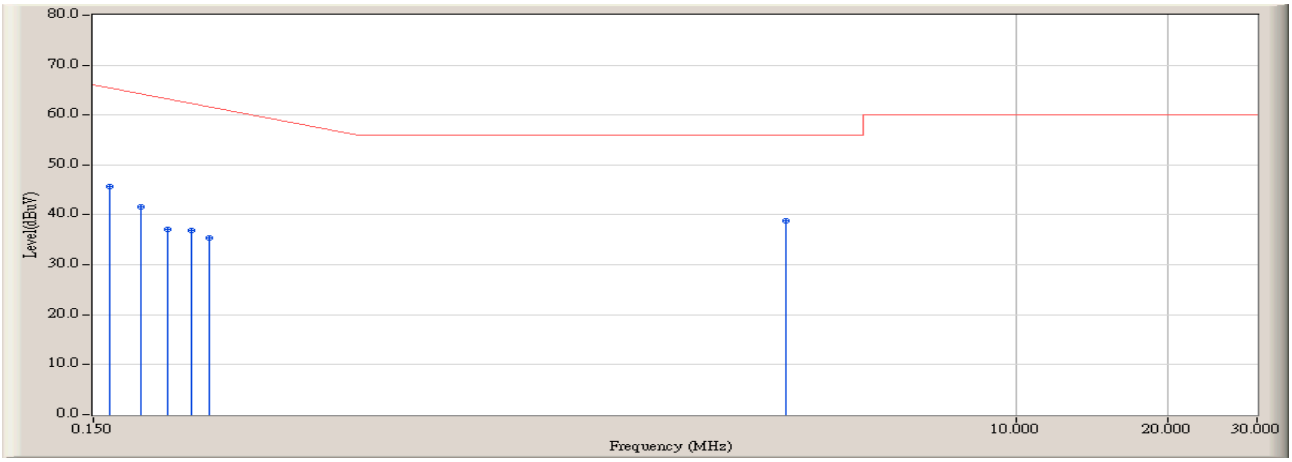
Note:

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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/13 - 10:02**
Limit : FCC_Part15_B_00M_QP	**Margin : 10**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line2**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5800MHz)**



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/13 - 10:02**
Limit : FCC_Part15_B_00M_QP	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line2**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5800MHz))**

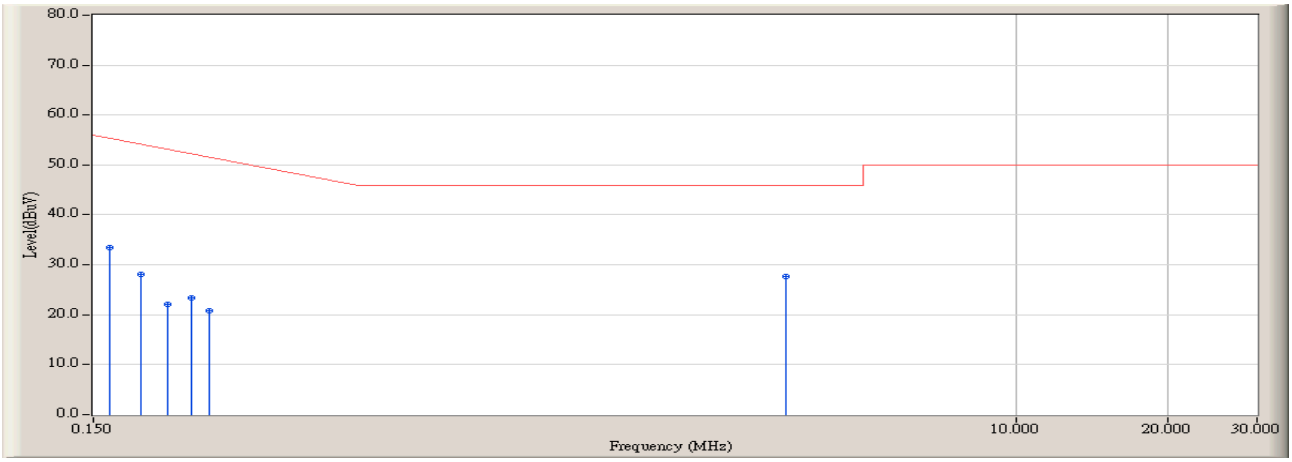


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.641	36.000	45.641	-20.016	65.657	QUASIPEAK
2		0.186	9.491	32.200	41.691	-23.280	64.971	QUASIPEAK
3		0.210	9.445	27.700	37.145	-27.141	64.286	QUASIPEAK
4		0.234	9.445	27.400	36.845	-26.755	63.600	QUASIPEAK
5		0.254	9.470	25.900	35.370	-27.659	63.029	QUASIPEAK
6	*	3.506	9.750	29.100	38.850	-17.150	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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/13 - 10:02**
Limit : FCC_Part15_B_00M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line2**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5800MHz)**

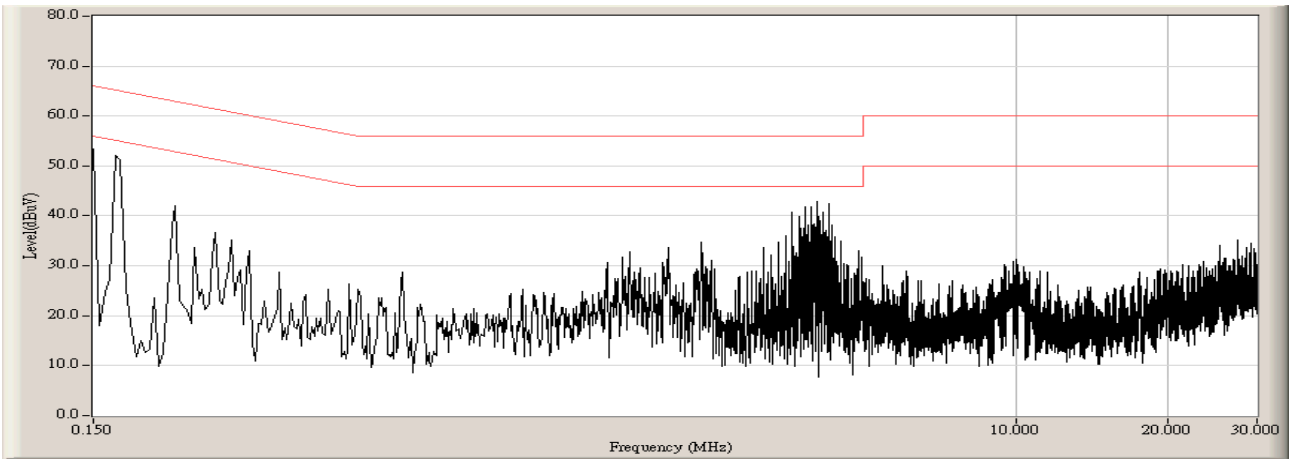


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.641	23.800	33.441	-22.216	55.657	AVERAGE
2		0.186	9.491	18.700	28.191	-26.780	54.971	AVERAGE
3		0.210	9.445	12.600	22.045	-32.241	54.286	AVERAGE
4		0.234	9.445	14.000	23.445	-30.155	53.600	AVERAGE
5		0.254	9.470	11.300	20.770	-32.259	53.029	AVERAGE
6	*	3.506	9.750	17.900	27.650	-18.350	46.000	AVERAGE

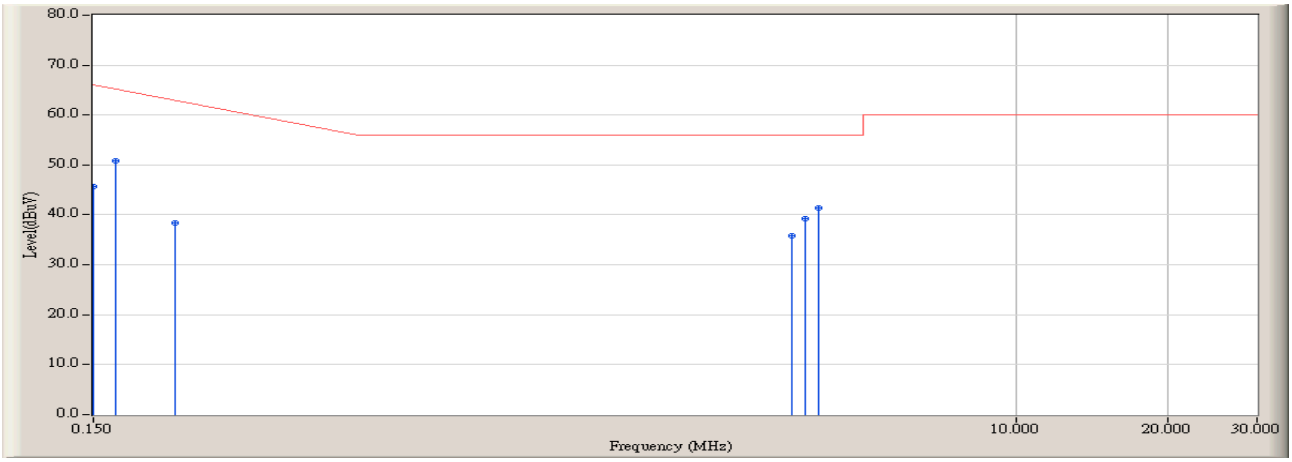
Note:

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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 18:51**
Limit : FCC_Part15_C_00M_QP	**Margin : 10**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line1**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2437MHz)**



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 18:54**
Limit : FCC_Part15_C_00M_QP	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line1**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2437MHz)**

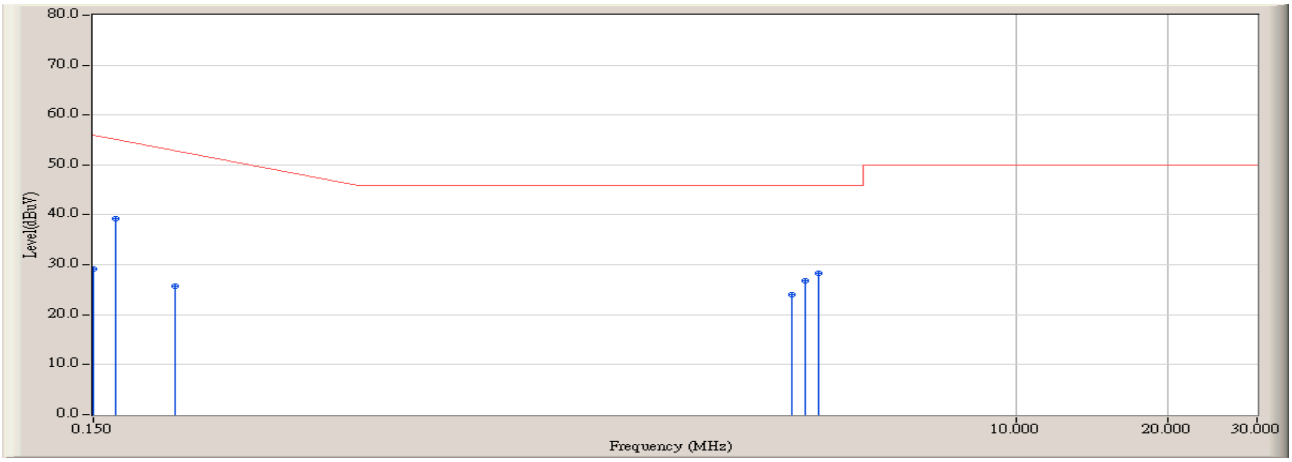


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	10.174	35.500	45.674	-20.326	66.000	QUASIPEAK
2		0.166	10.048	40.700	50.748	-14.795	65.543	QUASIPEAK
3		0.218	9.307	29.100	38.407	-25.650	64.057	QUASIPEAK
4		3.614	9.810	26.100	35.910	-20.090	56.000	QUASIPEAK
5		3.838	9.800	29.500	39.300	-16.700	56.000	QUASIPEAK
6	*	4.062	9.800	31.500	41.300	-14.700	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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 18:54**
Limit : FCC_Part15_C_00M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line1**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2437MHz)**

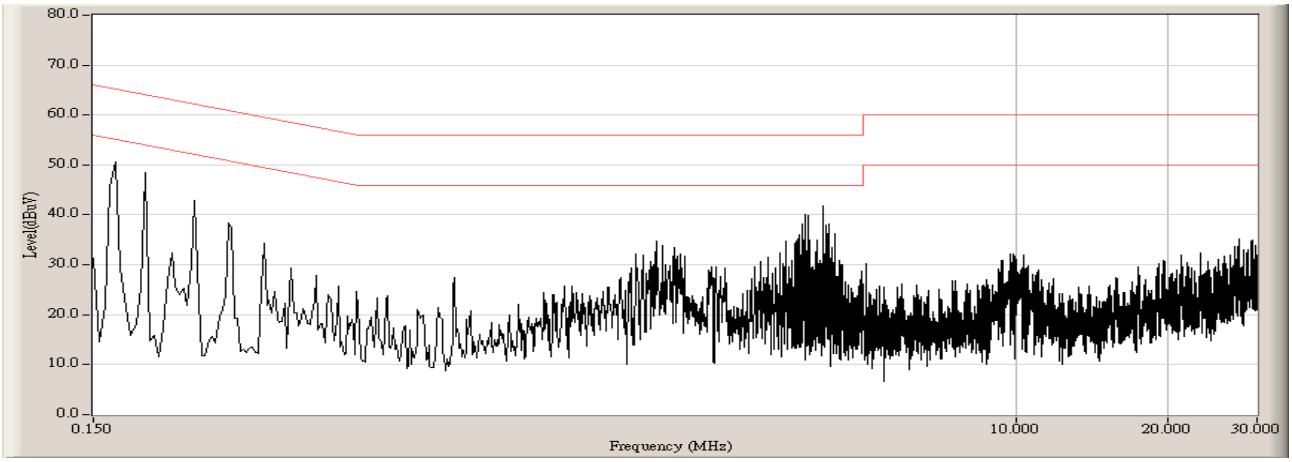


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	10.174	18.900	29.074	-26.926	56.000	AVERAGE
2	*	0.166	10.048	29.100	39.148	-16.395	55.543	AVERAGE
3		0.218	9.307	16.400	25.707	-28.350	54.057	AVERAGE
4		3.614	9.810	14.300	24.110	-21.890	46.000	AVERAGE
5		3.838	9.800	17.100	26.900	-19.100	46.000	AVERAGE
6		4.062	9.800	18.600	28.400	-17.600	46.000	AVERAGE

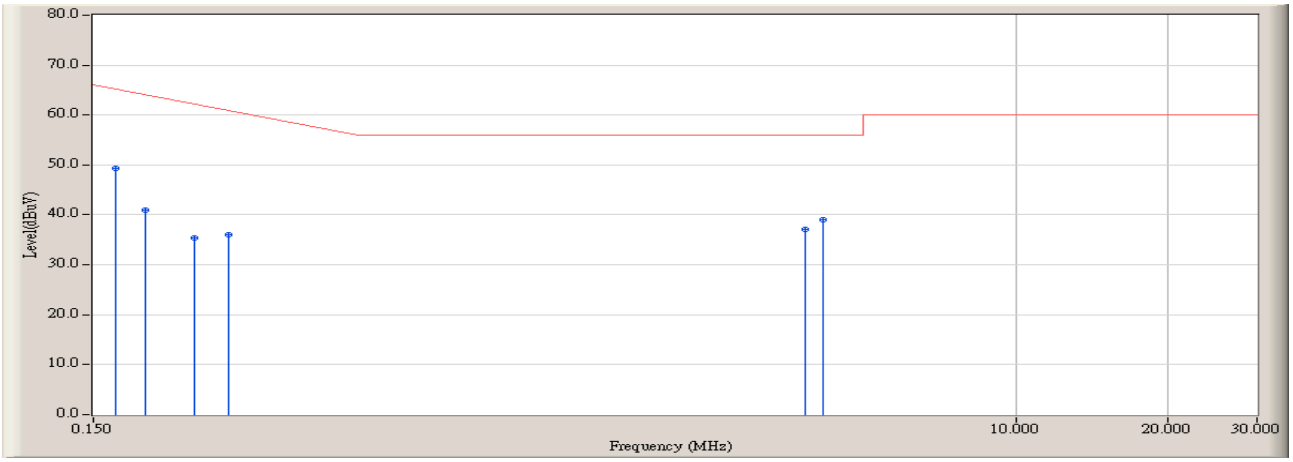
Note:

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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 18:56**
Limit : FCC_Part15_C_00M_QP	**Margin : 10**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line2**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2437MHz)**



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 18:59**
Limit : FCC_Part15_C_00M_QP	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line2**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2437MHz)**

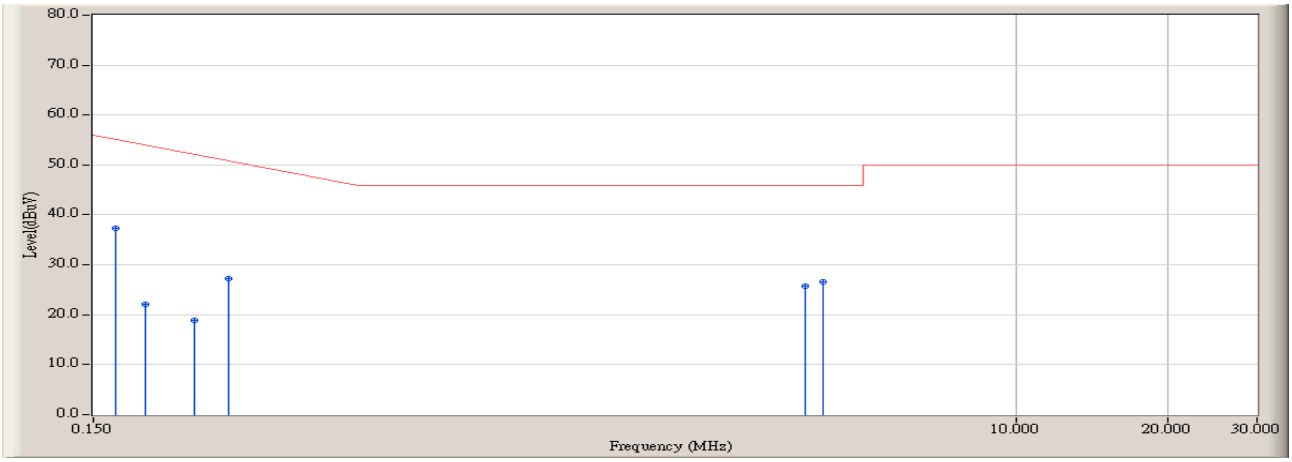


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.166	9.615	39.700	49.315	-16.228	65.543	QUASIPEAK
2		0.190	9.471	31.500	40.972	-23.885	64.857	QUASIPEAK
3		0.238	9.449	26.000	35.449	-28.037	63.486	QUASIPEAK
4		0.278	9.499	26.600	36.099	-26.244	62.343	QUASIPEAK
5		3.830	9.736	27.300	37.036	-18.964	56.000	QUASIPEAK
6		4.170	9.740	29.300	39.040	-16.960	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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 18:59**
Limit : FCC_Part15_C_00M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line2**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2437MHz)**

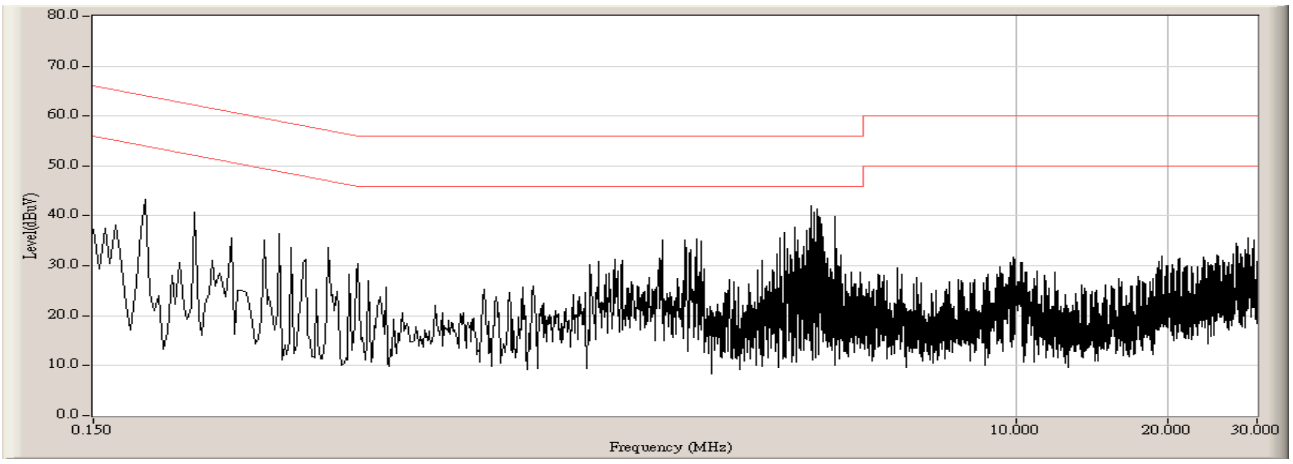


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.166	9.615	27.600	37.215	-18.328	55.543	AVERAGE
2		0.190	9.471	12.700	22.172	-32.685	54.857	AVERAGE
3		0.238	9.449	9.500	18.949	-34.537	53.486	AVERAGE
4		0.278	9.499	17.700	27.199	-25.144	52.343	AVERAGE
5		3.830	9.736	16.100	25.836	-20.164	46.000	AVERAGE
6		4.170	9.740	16.800	26.540	-19.460	46.000	AVERAGE

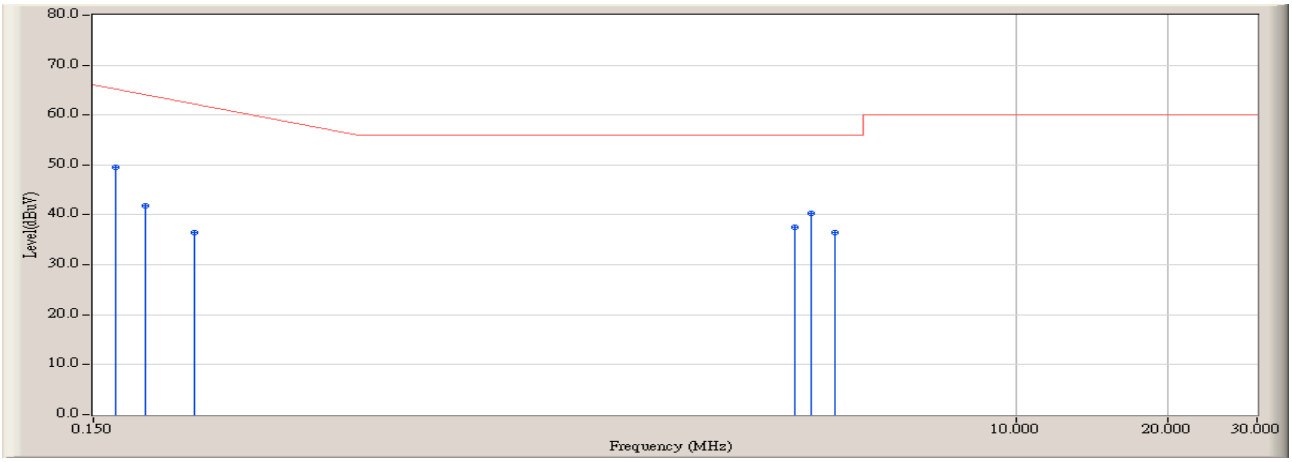
Note:

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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 19:02**
Limit : FCC_Part15_C_00M_QP	**Margin : 10**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line1**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2437MHz)**



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 19:06**
Limit : FCC_Part15_C_00M_QP	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line1**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2437MHz)**

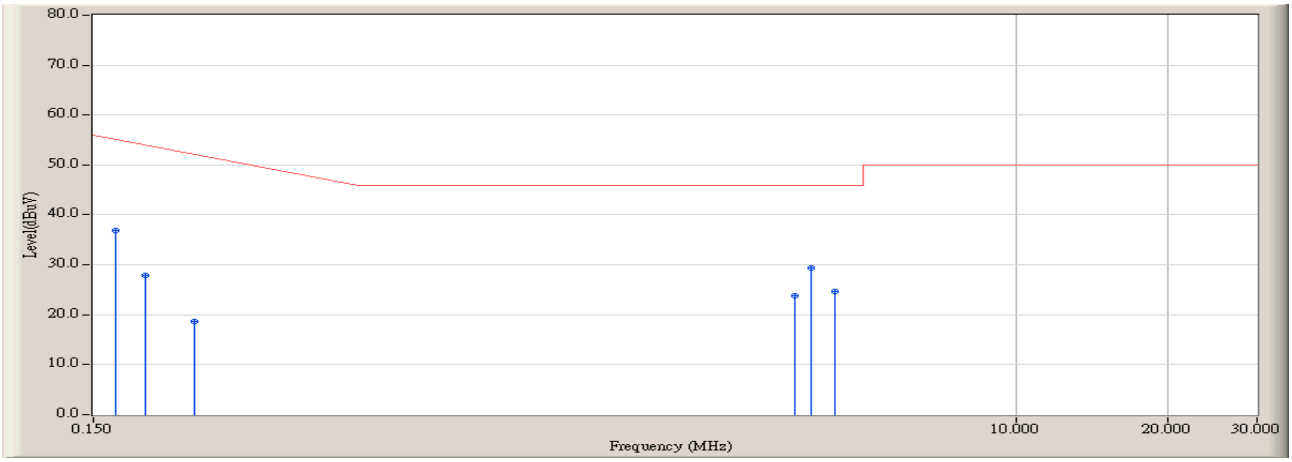


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	10.048	39.600	49.648	-15.895	65.543	QUASIPEAK
2		0.190	9.515	32.300	41.815	-23.042	64.857	QUASIPEAK
3		0.238	9.325	27.100	36.425	-27.061	63.486	QUASIPEAK
4		3.662	9.810	27.700	37.510	-18.490	56.000	QUASIPEAK
5	*	3.938	9.810	30.600	40.410	-15.590	56.000	QUASIPEAK
6		4.386	9.790	26.700	36.490	-19.510	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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 19:06**
Limit : FCC_Part15_C_00M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line1**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2437MHz)**

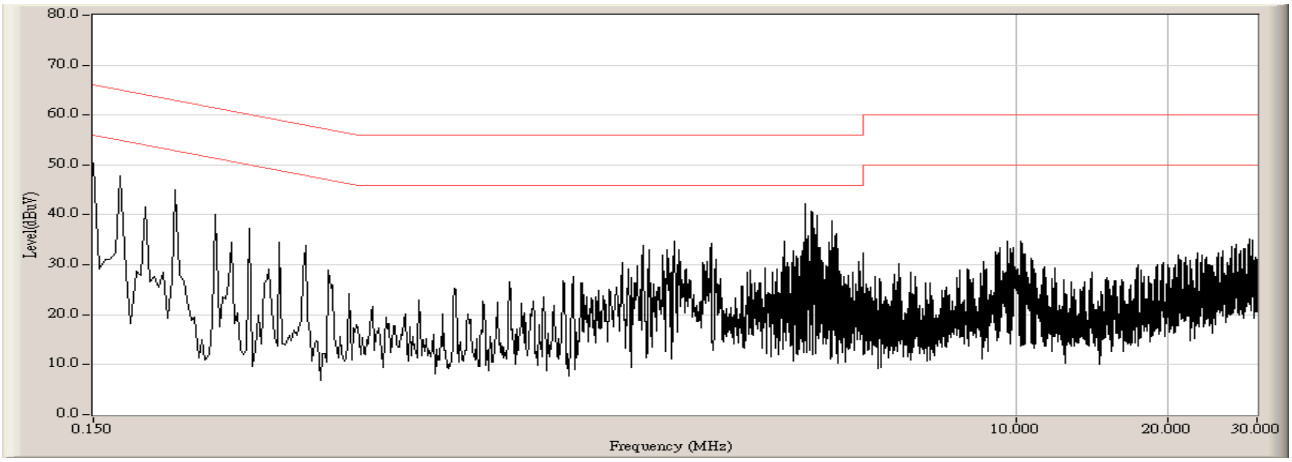


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	10.048	26.900	36.948	-18.595	55.543	AVERAGE
2		0.190	9.515	18.400	27.915	-26.942	54.857	AVERAGE
3		0.238	9.325	9.400	18.725	-34.761	53.486	AVERAGE
4		3.662	9.810	14.100	23.910	-22.090	46.000	AVERAGE
5	*	3.938	9.810	19.600	29.410	-16.590	46.000	AVERAGE
6		4.386	9.790	14.800	24.590	-21.410	46.000	AVERAGE

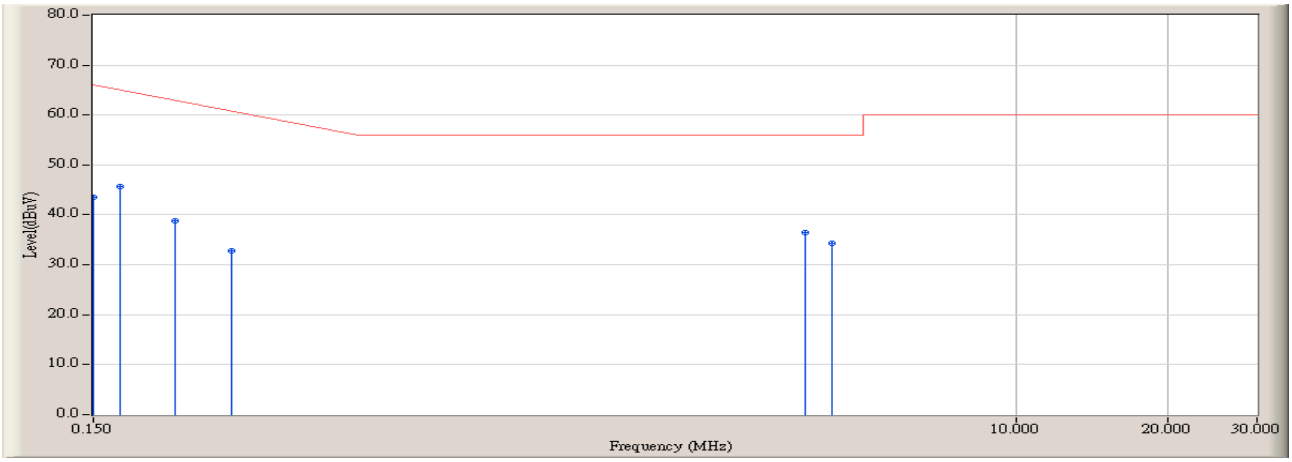
Note:

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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 19:07**
Limit : FCC_Part15_C_00M_QP	**Margin : 10**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line2**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2437MHz)**



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 19:13**
Limit : FCC_Part15_C_00M_QP	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line2**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2437MHz)**

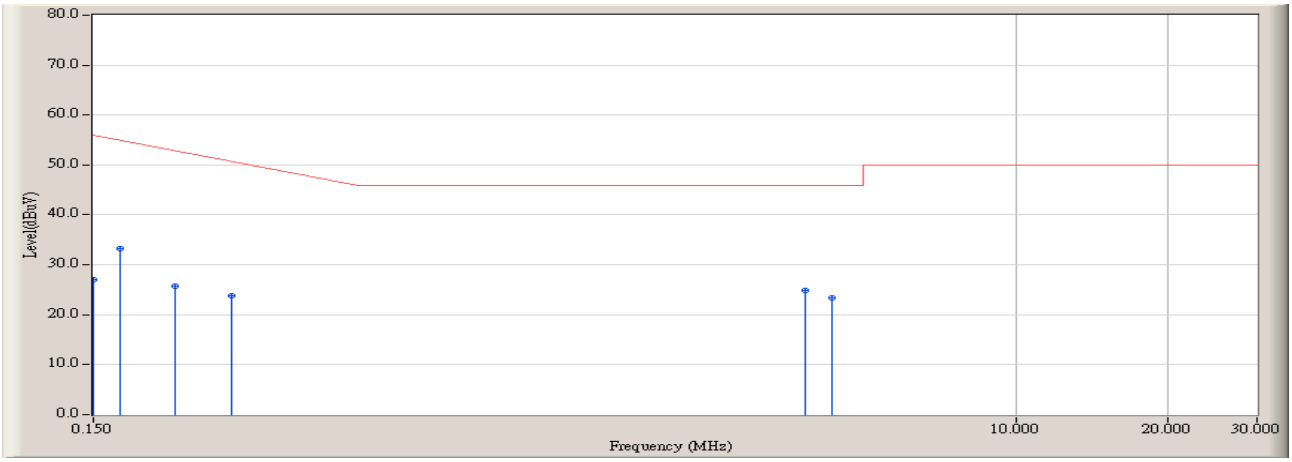


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	9.678	33.900	43.578	-22.422	66.000	QUASIPEAK
2		0.170	9.590	36.100	45.690	-19.739	65.429	QUASIPEAK
3		0.218	9.432	29.300	38.732	-25.325	64.057	QUASIPEAK
4		0.282	9.503	23.400	32.903	-29.326	62.229	QUASIPEAK
5	*	3.830	9.736	26.800	36.536	-19.464	56.000	QUASIPEAK
6		4.322	9.720	24.500	34.220	-21.780	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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 19:13**
Limit : FCC_Part15_C_00M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line2**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2437MHz)**

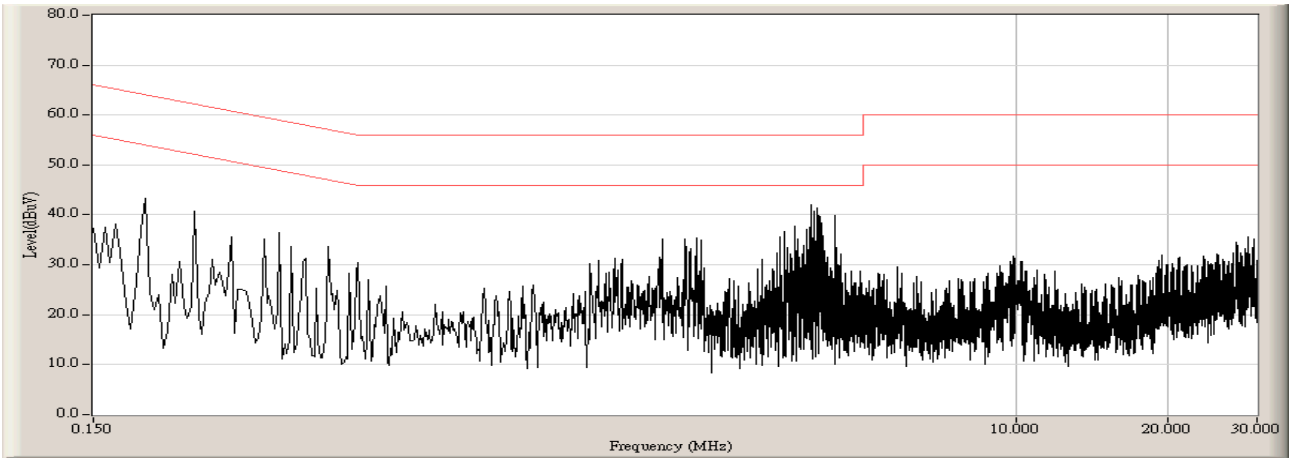


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	9.678	17.400	27.078	-28.922	56.000	AVERAGE
2		0.170	9.590	23.700	33.290	-22.139	55.429	AVERAGE
3		0.218	9.432	16.400	25.832	-28.225	54.057	AVERAGE
4		0.282	9.503	14.300	23.803	-28.426	52.229	AVERAGE
5	*	3.830	9.736	15.200	24.936	-21.064	46.000	AVERAGE
6		4.322	9.720	13.600	23.320	-22.680	46.000	AVERAGE

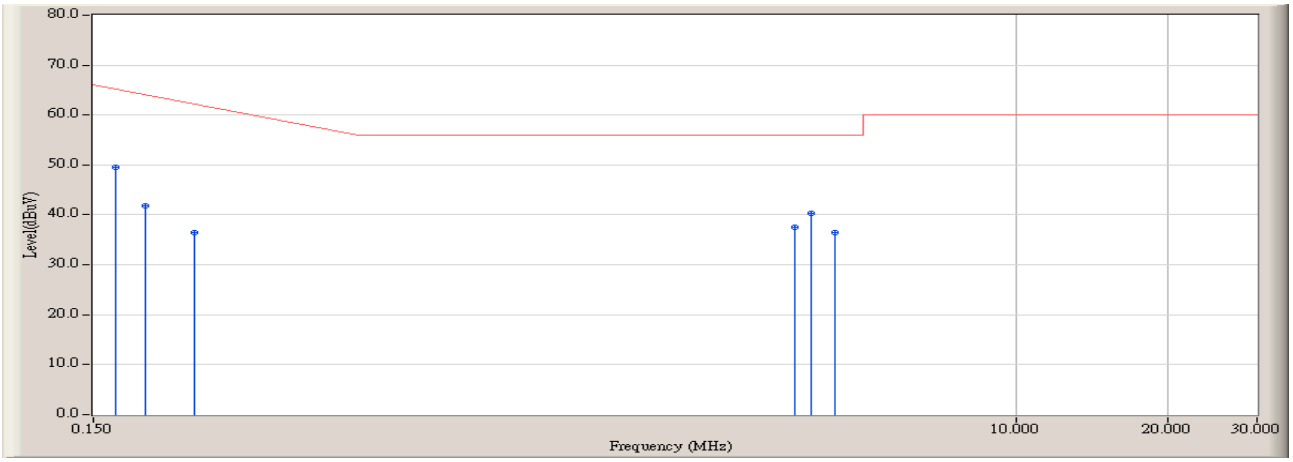
Note:

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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/12 - 19:02**
Limit : FCC_Part15_C_00M_QP	**Margin : 10**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line1**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5800MHz)**



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/12 - 19:06**
Limit : FCC_Part15_C_00M_QP	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line1**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5800MHz)**

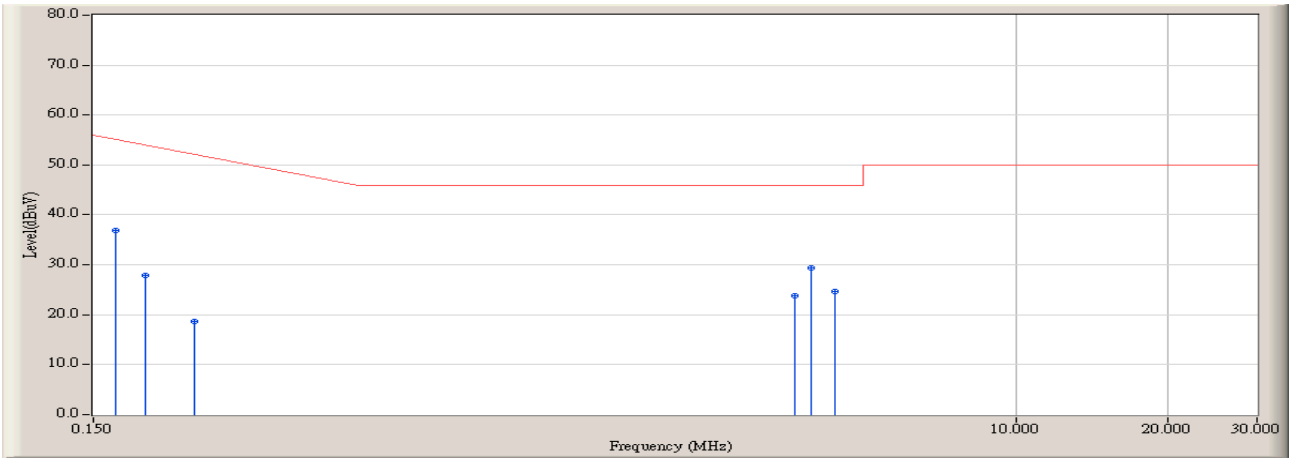


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	10.048	39.600	49.648	-15.895	65.543	QUASIPEAK
2		0.190	9.515	32.300	41.815	-23.042	64.857	QUASIPEAK
3		0.238	9.325	27.100	36.425	-27.061	63.486	QUASIPEAK
4		3.662	9.810	27.700	37.510	-18.490	56.000	QUASIPEAK
5	*	3.938	9.810	30.600	40.410	-15.590	56.000	QUASIPEAK
6		4.386	9.790	26.700	36.490	-19.510	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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/12 - 19:06**
Limit : FCC_Part15_C_00M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line1**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5800MHz)**

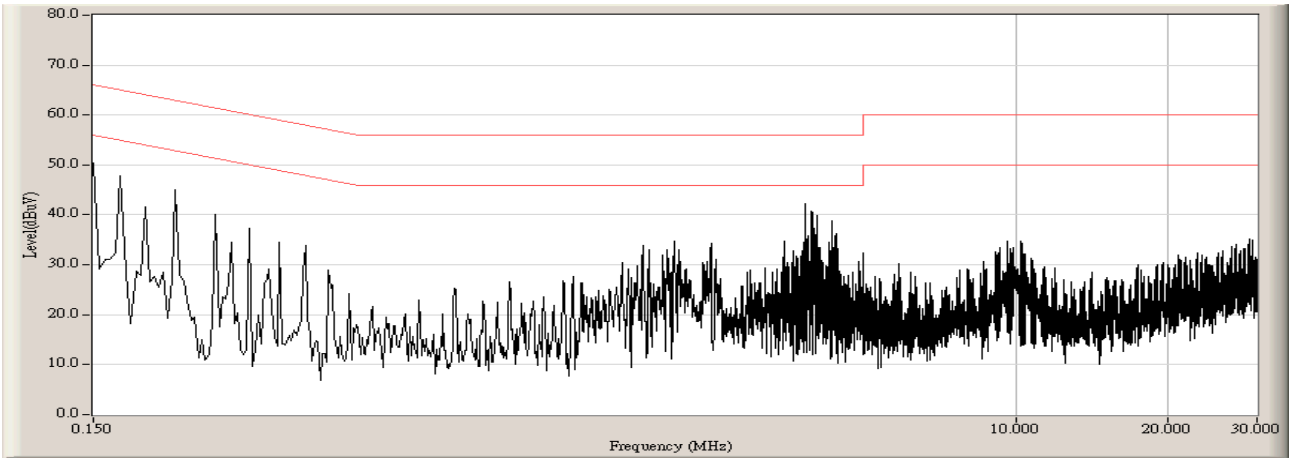


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	10.048	26.900	36.948	-18.595	55.543	AVERAGE
2		0.190	9.515	18.400	27.915	-26.942	54.857	AVERAGE
3		0.238	9.325	9.400	18.725	-34.761	53.486	AVERAGE
4		3.662	9.810	14.100	23.910	-22.090	46.000	AVERAGE
5	*	3.938	9.810	19.600	29.410	-16.590	46.000	AVERAGE
6		4.386	9.790	14.800	24.590	-21.410	46.000	AVERAGE

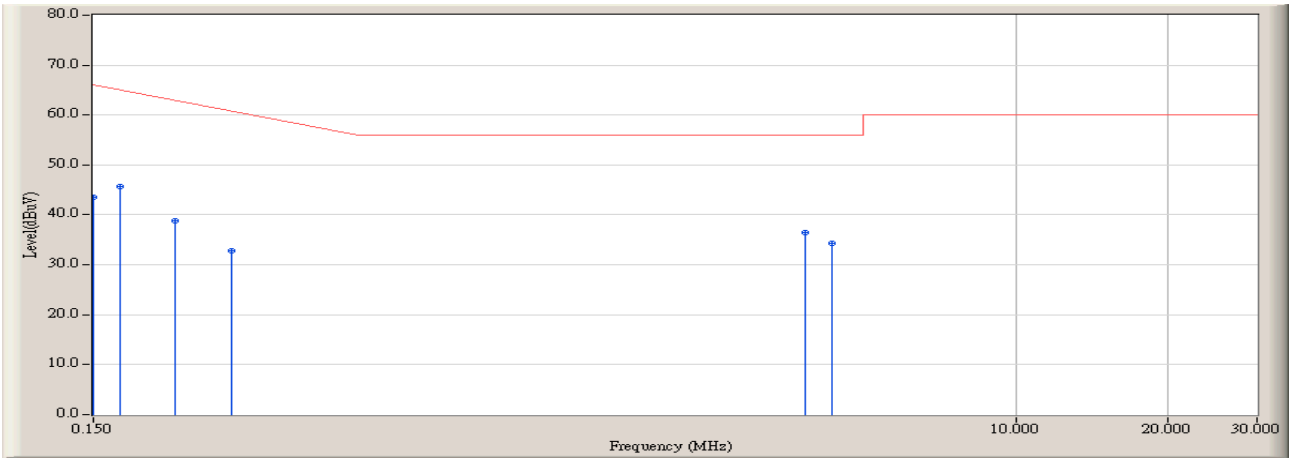
Note:

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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/12 - 19:07**
Limit : FCC_Part15_C_00M_QP	**Margin : 10**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line2**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5800MHz)**



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/12 - 19:13**
Limit : FCC_Part15_C_00M_QP	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line2**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5800MHz)**

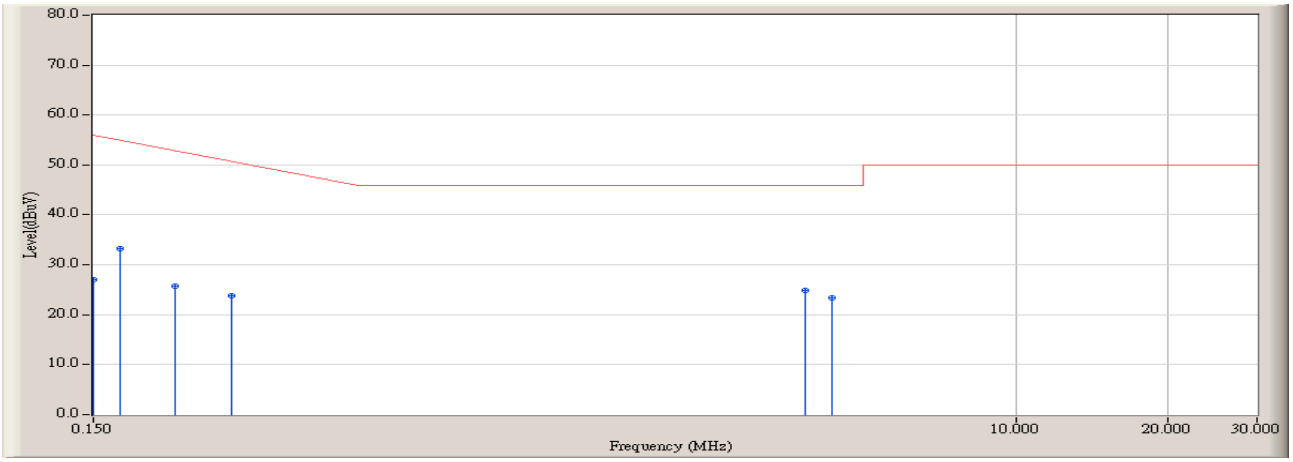


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	9.678	33.900	43.578	-22.422	66.000	QUASIPEAK
2		0.170	9.590	36.100	45.690	-19.739	65.429	QUASIPEAK
3		0.218	9.432	29.300	38.732	-25.325	64.057	QUASIPEAK
4		0.282	9.503	23.400	32.903	-29.326	62.229	QUASIPEAK
5	*	3.830	9.736	26.800	36.536	-19.464	56.000	QUASIPEAK
6		4.322	9.720	24.500	34.220	-21.780	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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/12 - 19:13**
Limit : FCC_Part15_C_00M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line2**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5800MHz)**

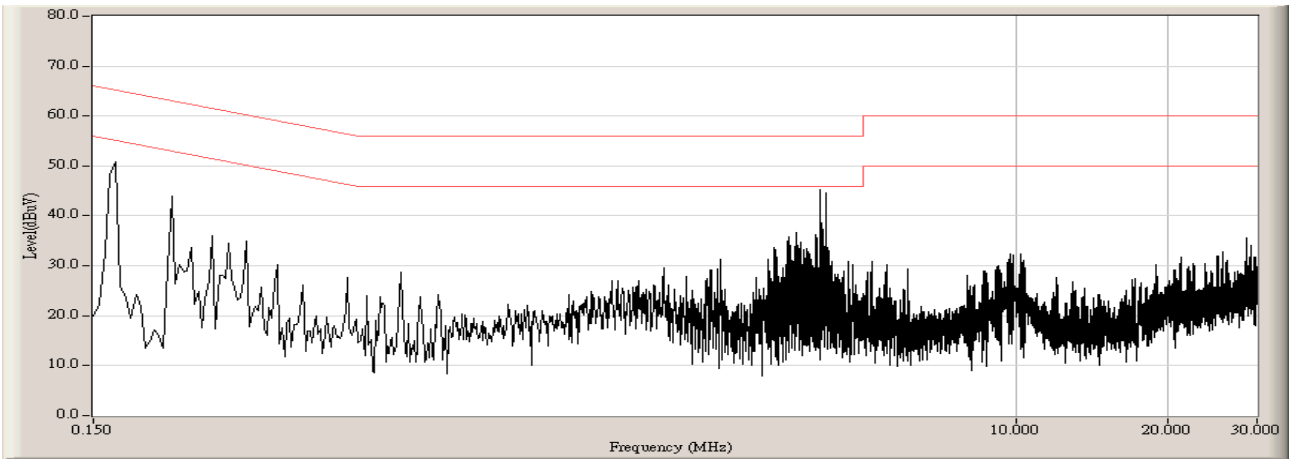


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	9.678	17.400	27.078	-28.922	56.000	AVERAGE
2		0.170	9.590	23.700	33.290	-22.139	55.429	AVERAGE
3		0.218	9.432	16.400	25.832	-28.225	54.057	AVERAGE
4		0.282	9.503	14.300	23.803	-28.426	52.229	AVERAGE
5	*	3.830	9.736	15.200	24.936	-21.064	46.000	AVERAGE
6		4.322	9.720	13.600	23.320	-22.680	46.000	AVERAGE

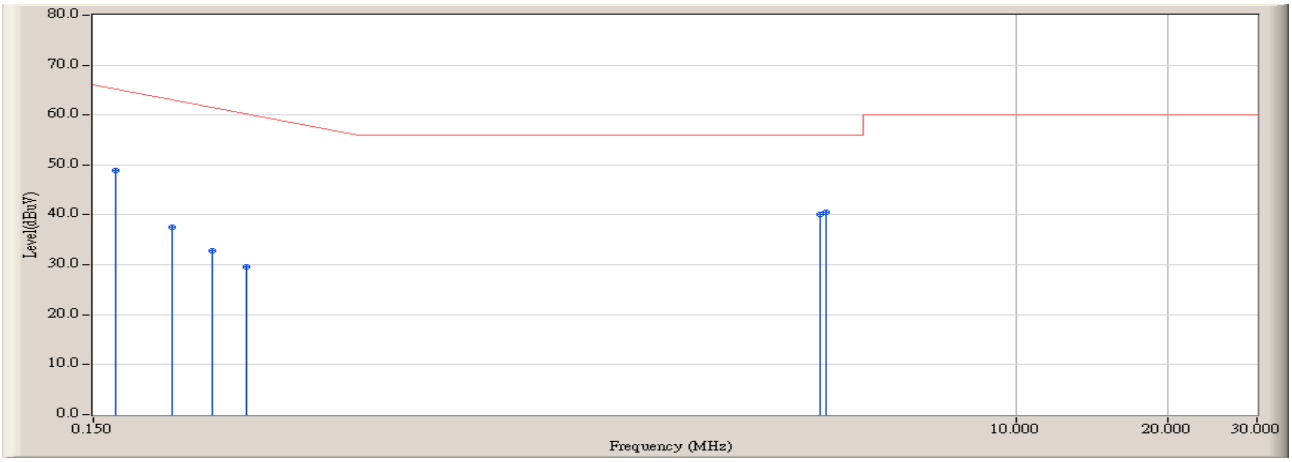
Note:

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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 19:17**
Limit : FCC_Part15_B_00M_QP	**Margin : 10**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line1**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2442MHz)**



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 19:20**
Limit : FCC_Part15_B_00M_QP	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line1**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2442MHz)**

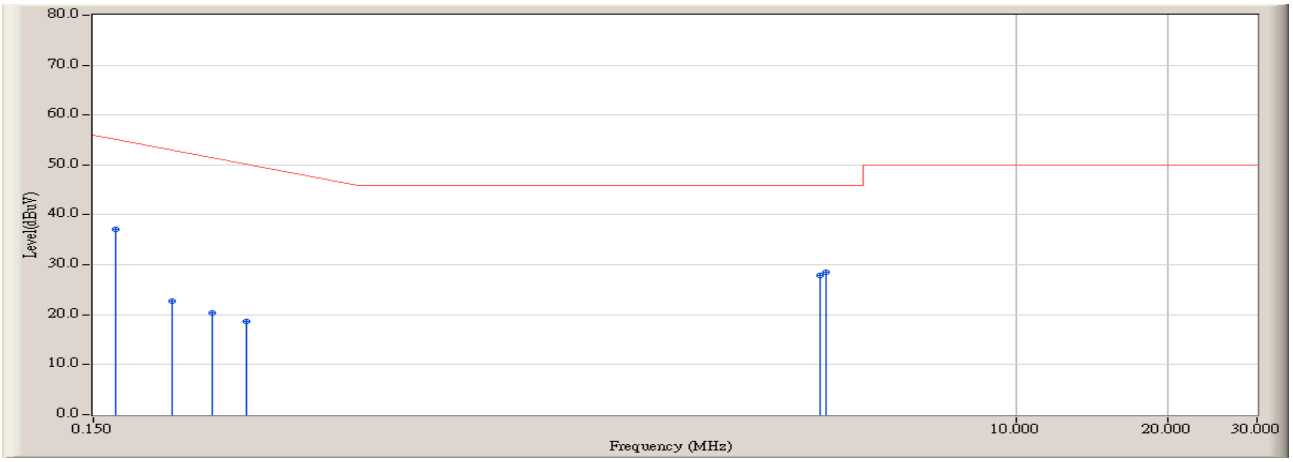


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	10.048	38.900	48.948	-16.595	65.543	QUASIPEAK
2		0.214	9.338	28.100	37.438	-26.733	64.171	QUASIPEAK
3		0.258	9.355	23.400	32.755	-30.159	62.914	QUASIPEAK
4		0.302	9.403	20.300	29.703	-31.954	61.657	QUASIPEAK
5		4.106	9.805	30.400	40.205	-15.795	56.000	QUASIPEAK
6	*	4.218	9.810	30.700	40.510	-15.490	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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 19:20**
Limit : FCC_Part15_B_00M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line1**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2442MHz)**

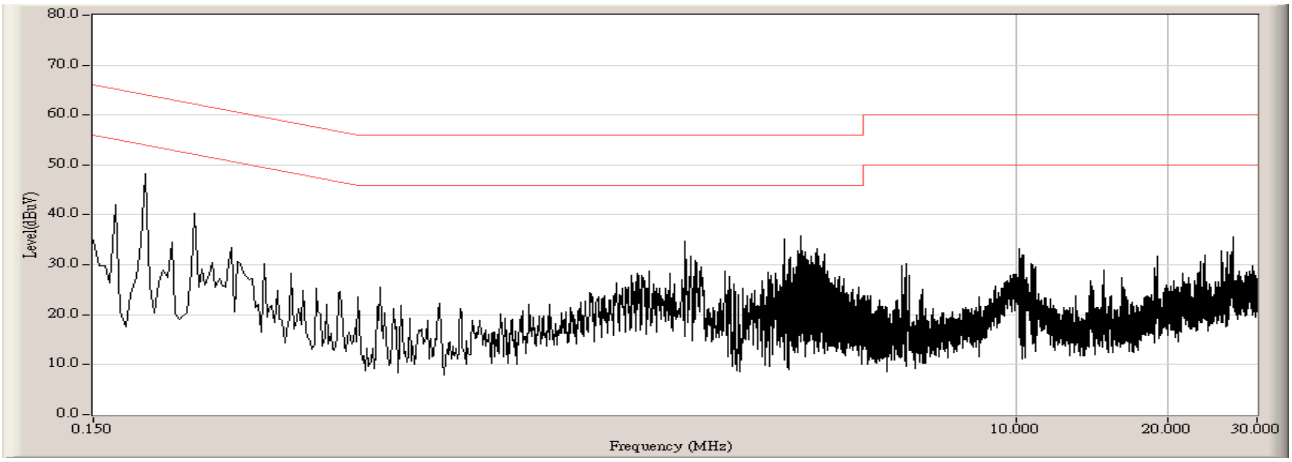


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	10.048	27.100	37.148	-18.395	55.543	AVERAGE
2		0.214	9.338	13.300	22.638	-31.533	54.171	AVERAGE
3		0.258	9.355	11.000	20.355	-32.559	52.914	AVERAGE
4		0.302	9.403	9.200	18.603	-33.054	51.657	AVERAGE
5		4.106	9.805	18.000	27.805	-18.195	46.000	AVERAGE
6	*	4.218	9.810	18.700	28.510	-17.490	46.000	AVERAGE

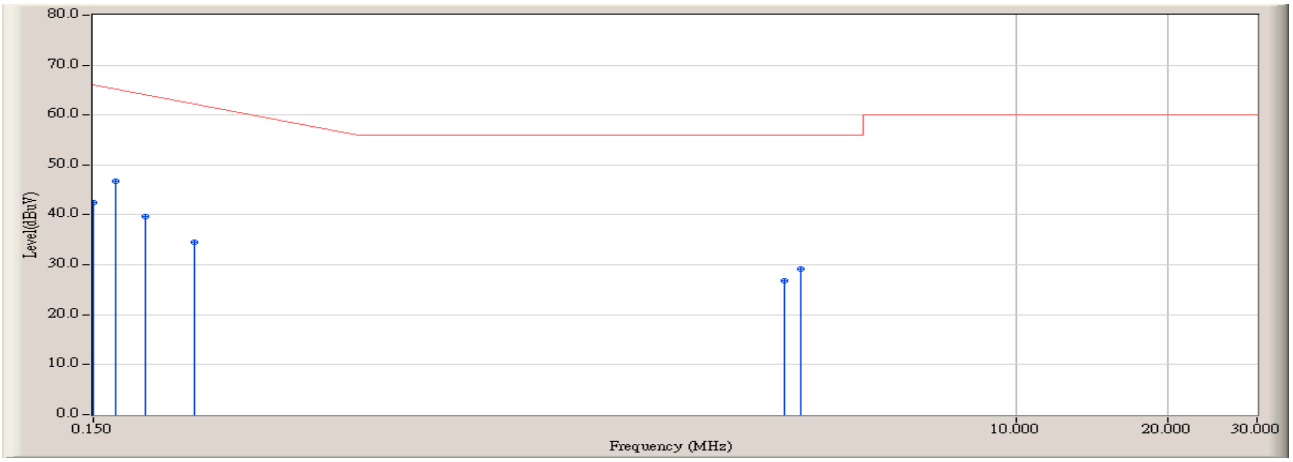
Note:

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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 19:28**
Limit : FCC_Part15_B_00M_QP	**Margin : 10**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line2**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2442MHz)**



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 19:30**
Limit : FCC_Part15_B_00M_QP	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line2**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2442MHz)**

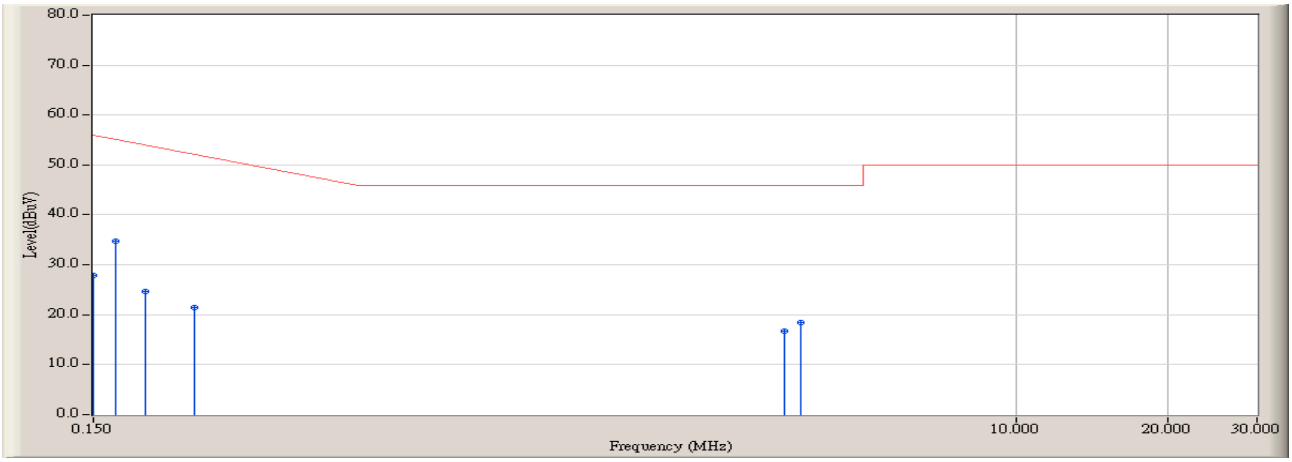


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	9.678	32.800	42.478	-23.522	66.000	QUASIPEAK
2	*	0.166	9.615	37.100	46.715	-18.828	65.543	QUASIPEAK
3		0.190	9.471	30.200	39.672	-25.185	64.857	QUASIPEAK
4		0.238	9.449	25.000	34.449	-29.037	63.486	QUASIPEAK
5		3.494	9.750	17.100	26.850	-29.150	56.000	QUASIPEAK
6		3.754	9.740	19.400	29.140	-26.860	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 : JohnWang	
Site : SR-1 (Conducted Emission)	**Time : 2007/07/10 - 19:30**
Limit : FCC_Part15_B_00M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : ENV216 - Line2**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2442MHz)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	9.678	18.200	27.878	-28.122	56.000	AVERAGE
2	*	0.166	9.615	25.100	34.715	-20.828	55.543	AVERAGE
3		0.190	9.471	15.100	24.572	-30.285	54.857	AVERAGE
4		0.238	9.449	12.100	21.549	-31.937	53.486	AVERAGE
5		3.494	9.750	7.000	16.750	-29.250	46.000	AVERAGE
6		3.754	9.740	8.800	18.540	-27.460	46.000	AVERAGE

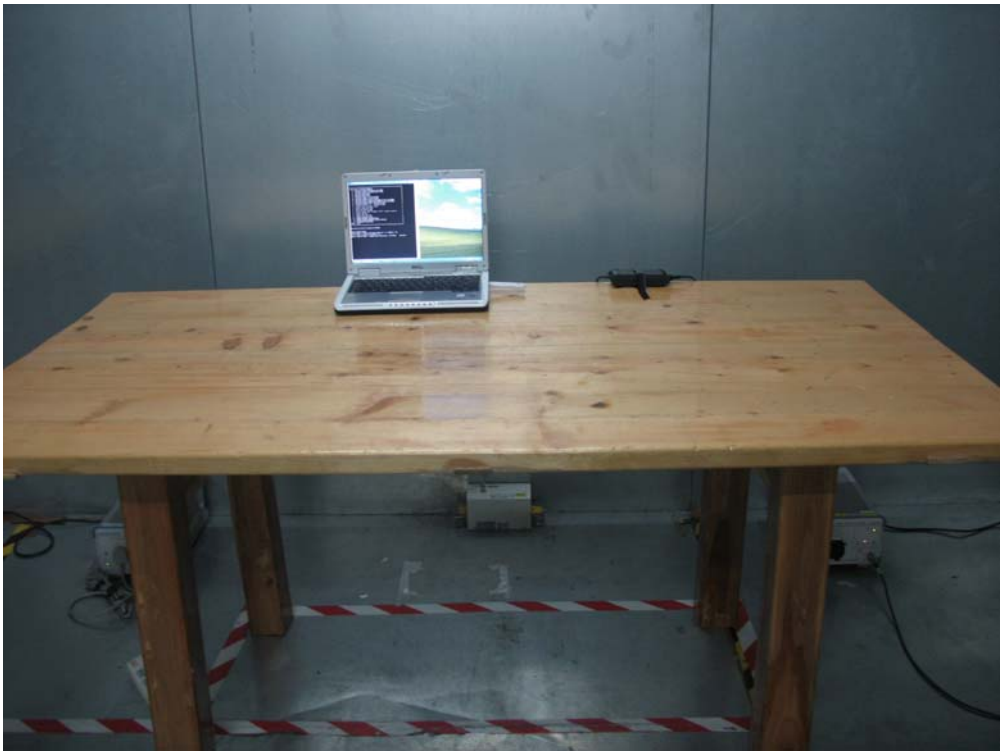
Note:

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

3.7. Test Photograph

Test Mode: Mode 1: Transmit by 802.11a

Description: Front View of Conduction Test

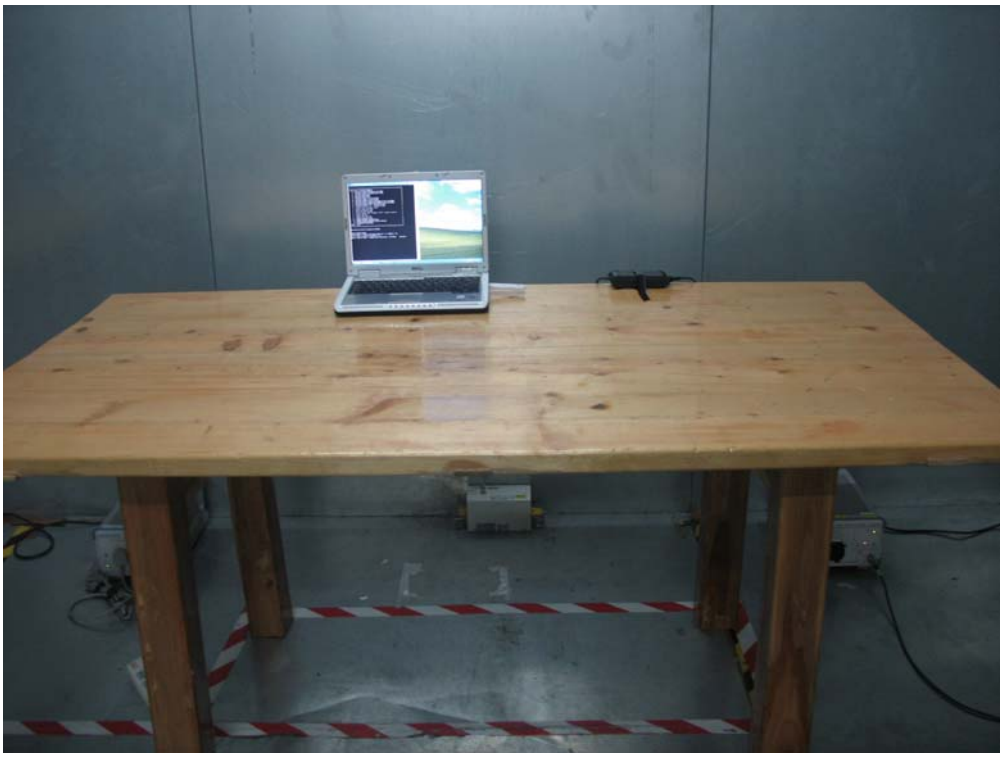


Test Mode: Mode 1: Transmit 802.11a

Description: Back View of Conduction Test

Test Mode: Mode 2: Transmit by 802.11b

Description: Front View of Conduction Test

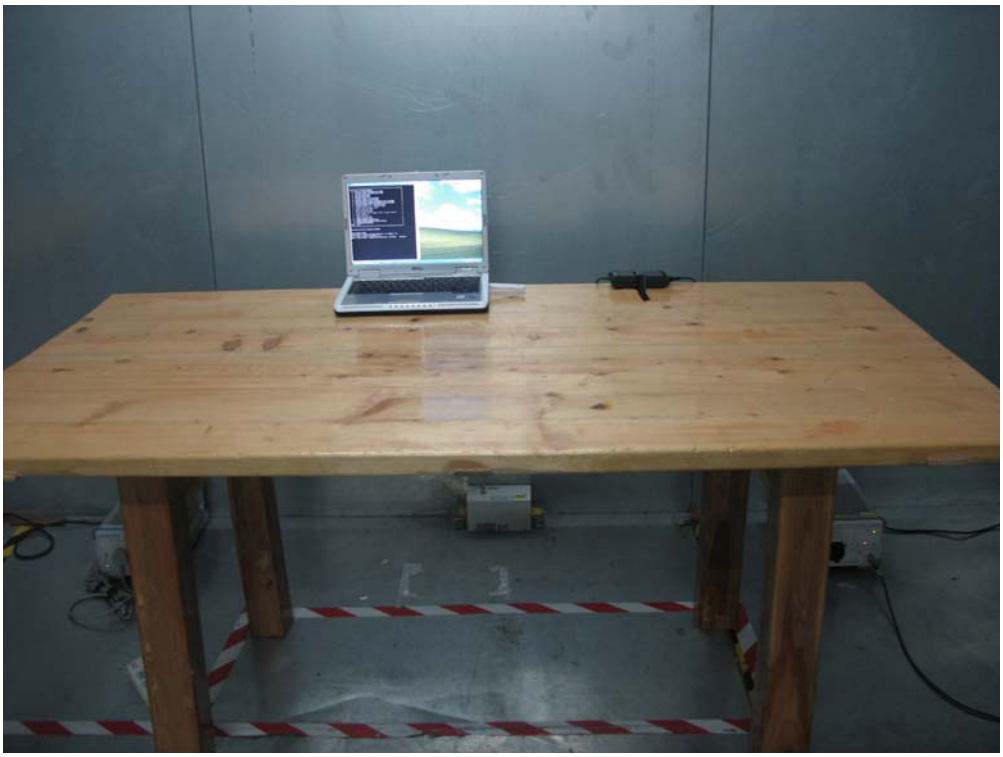


Test Mode: Mode 2: Transmit by 802.11b

Description: Back View of Conduction Test

Test Mode: Mode 3: Transmit by 802.11g

Description: Front View of Conduction Test

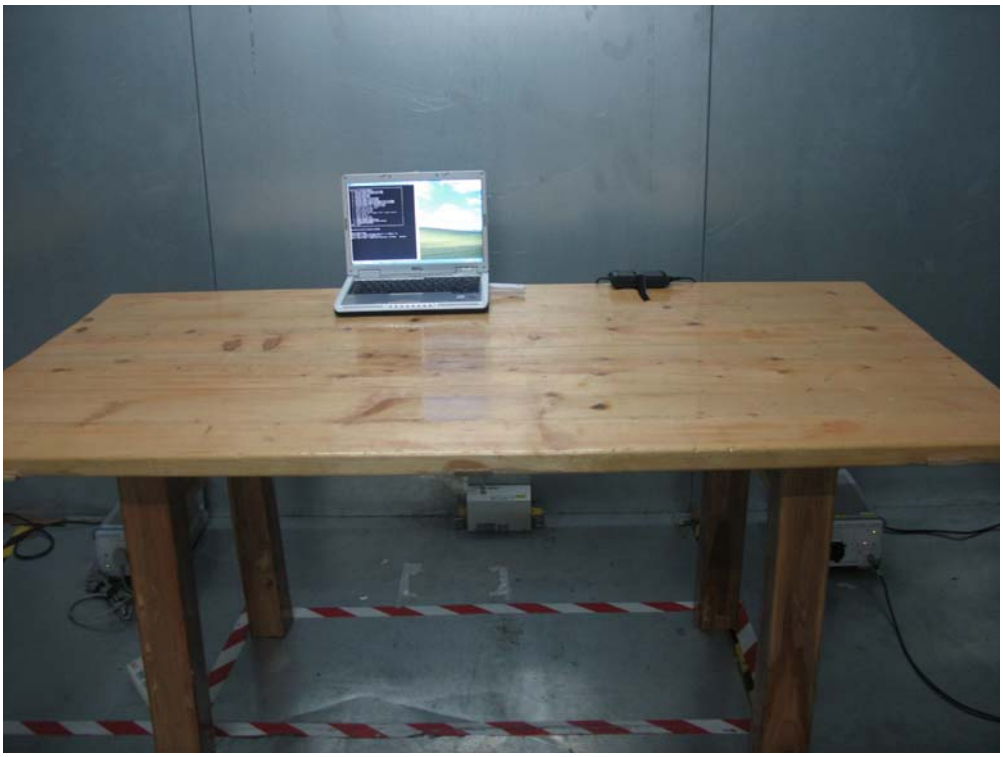


Test Mode: Mode 3: Transmit by 802.11g

Description: Back View of Conduction Test

Test Mode: Mode 4: Transmit by Super 802.11a

Description: Front View of Conduction Test

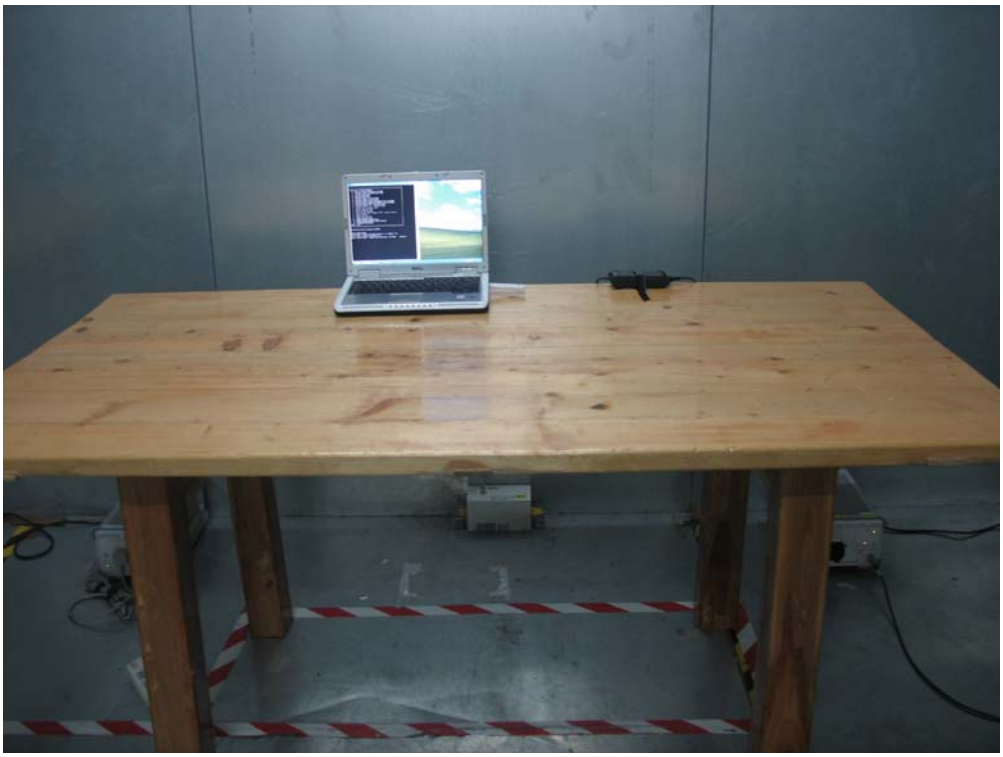


Test Mode: Mode 4: Transmit by Super 802.11a

Description: Back View of Conduction Test

Test Mode: Mode 5: Transmit by Super 802.11g

Description: Front View of Conduction Test



Test Mode: Mode 5: Transmit by Super 802.11g

Description: Back View of Conduction Test

4. Radiated Emission

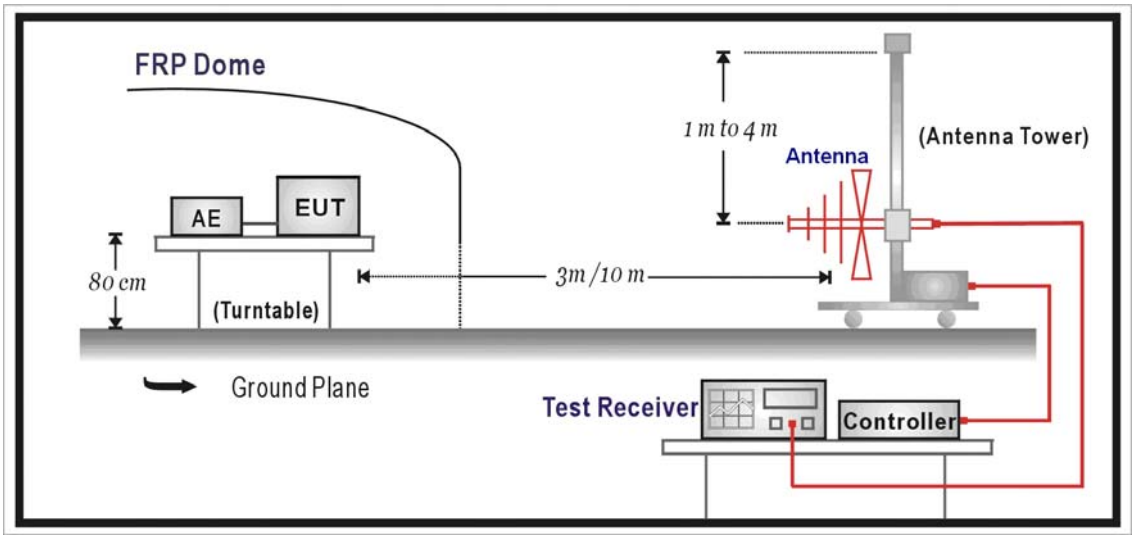
4.1. Test Equipment

Radiated Emission / AC-2

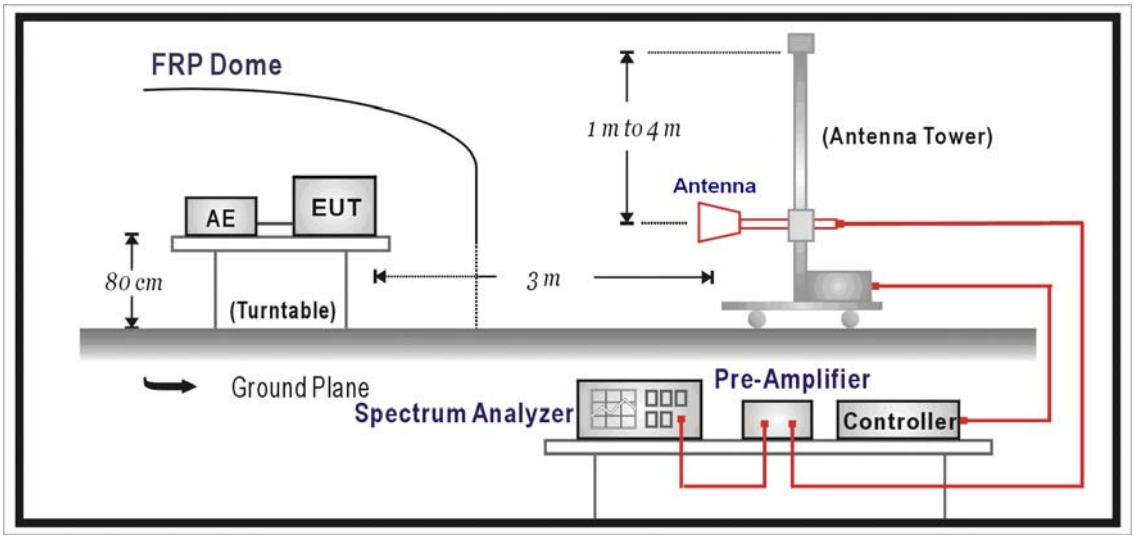
Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Spectrum Analyzer	Agilent	E4408B	MY45102679	2007/11/20
EMI Test Receiver	R&S	ESCI	100176	2007/11/22
Preamplifier	Quietek	AP-025C	QT-AP003	2007/11/25
Preamplifier	Quietek	AP-180C	CHM-0602013	2007/11/25
Bilog Type Antenna	Schaffner	CBL6112B	2932	2007/11/22
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	2007/03/30

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limit

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

Remark:

1. The tighter limit shall apply at the edge between two frequency bands.
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.
3. RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

4.4. Test Procedure

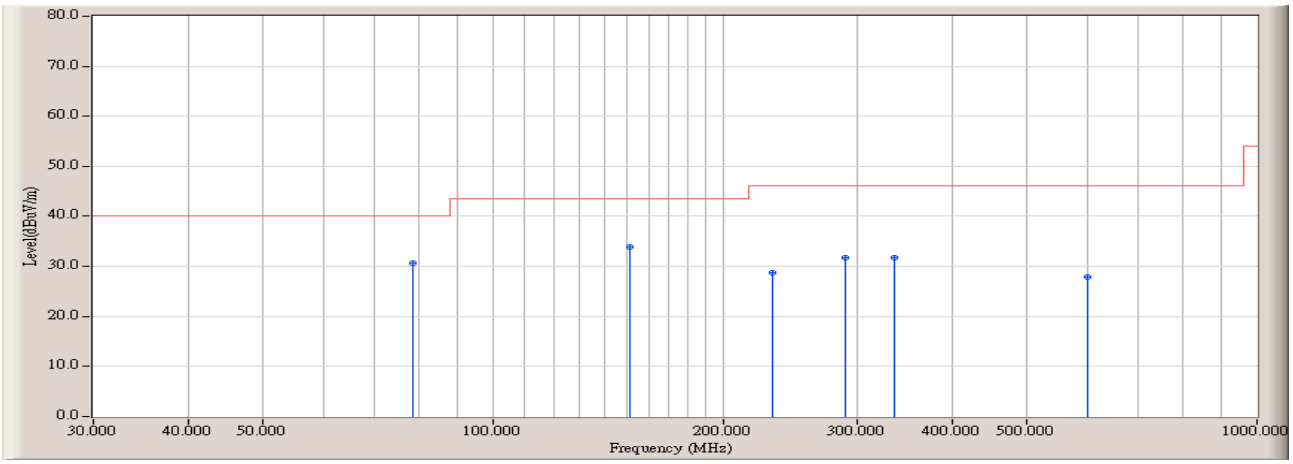
The EUT and its simulators are placed on a turn table which is 0.8 meter above ground.
The turn table can rotate 360 degrees to determine the position of the maximum emission level and the antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated on radiated measurement.
The additional latch filter below 1GHz was used to measure the level of harmonics radiated emission during field strength of harmonics measurement.
The bandwidth below 1GHz setting on the field strength meter (R&S Test Receiver ESCI) 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
under 1G is defined as ± 3.8 dB

4.6. Test Result

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 13:15**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5740MHz)**

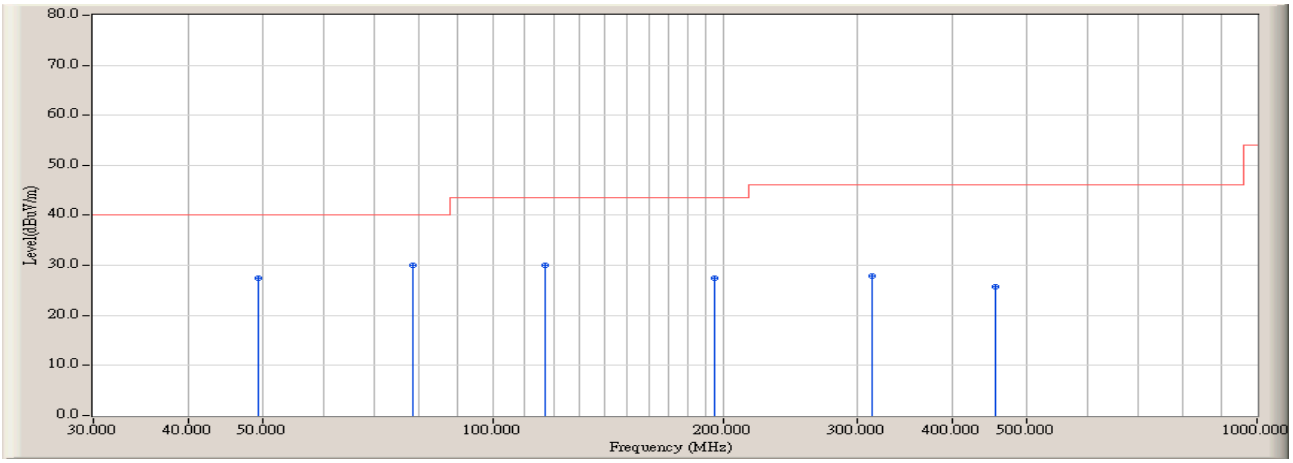


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	78.500	-16.599	47.344	30.745	-9.255	40.000	QUASIPEAK
2		151.250	-11.899	45.864	33.965	-9.555	43.520	QUASIPEAK
3		232.083	-11.753	40.588	28.835	-17.185	46.020	QUASIPEAK
4		288.667	-10.885	42.585	31.700	-14.320	46.020	QUASIPEAK
5		335.550	-8.735	40.386	31.651	-14.369	46.020	QUASIPEAK
6		599.067	-3.790	31.684	27.894	-18.126	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 13:16**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5740MHz)**

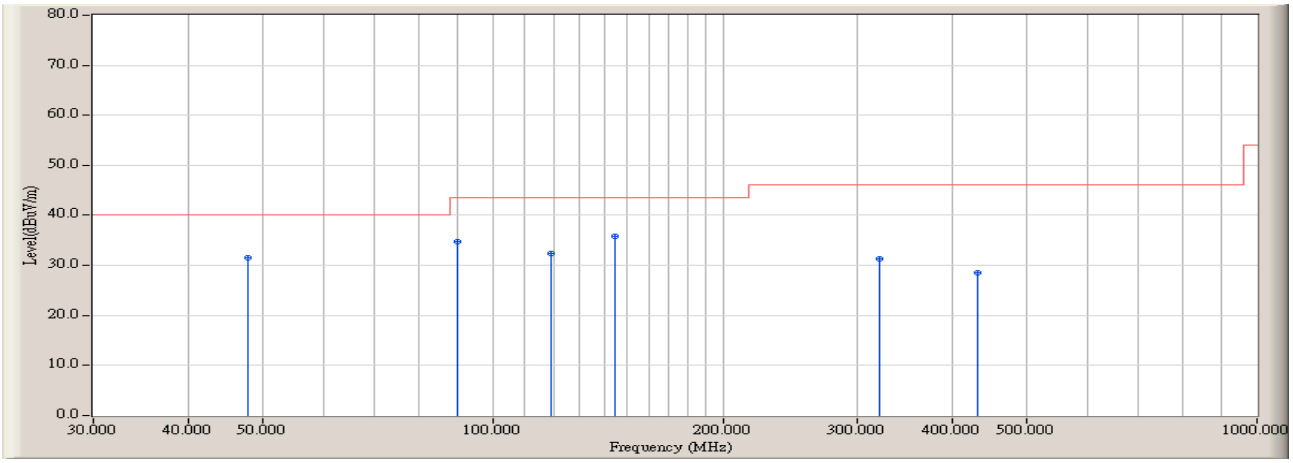


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		49.400	-10.857	38.403	27.546	-12.454	40.000	QUASIPEAK
2	*	78.500	-16.599	46.544	29.945	-10.055	40.000	QUASIPEAK
3		117.300	-12.751	42.868	30.117	-13.403	43.520	QUASIPEAK
4		194.900	-13.546	40.964	27.418	-16.102	43.520	QUASIPEAK
5		312.917	-9.262	37.134	27.873	-18.147	46.020	QUASIPEAK
6		455.183	-6.566	32.199	25.632	-20.388	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 13:17**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5800MHz)**

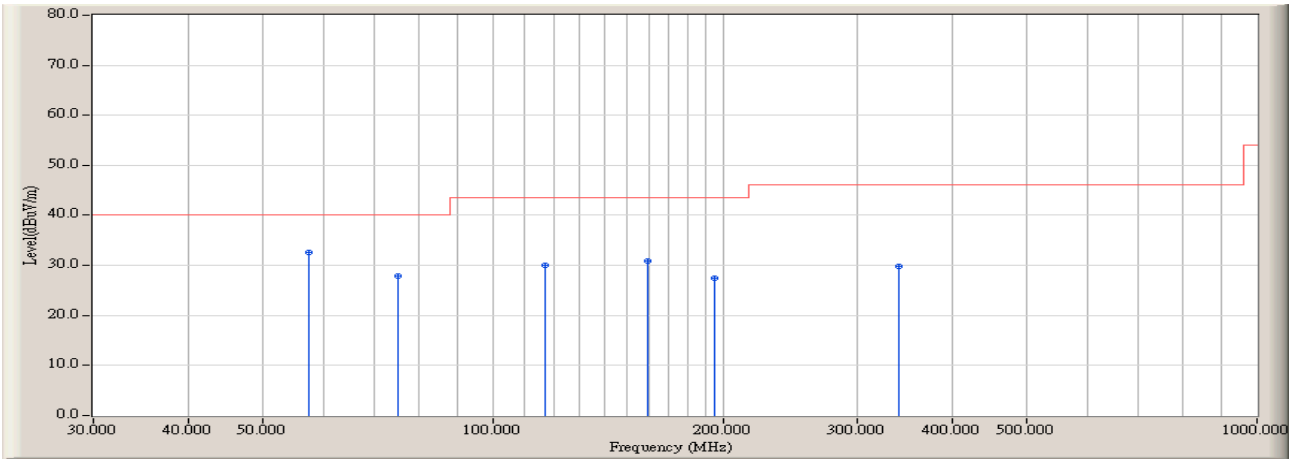


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		47.783	-10.102	41.550	31.448	-8.552	40.000	QUASIPEAK
2		89.817	-15.206	50.054	34.848	-8.672	43.520	QUASIPEAK
3		118.917	-12.679	45.123	32.443	-11.077	43.520	QUASIPEAK
4	*	144.783	-11.616	47.400	35.784	-7.736	43.520	QUASIPEAK
5		321.000	-9.287	40.509	31.222	-14.798	46.020	QUASIPEAK
6		430.933	-6.949	35.545	28.597	-17.423	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 13:17**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5800MHz)**

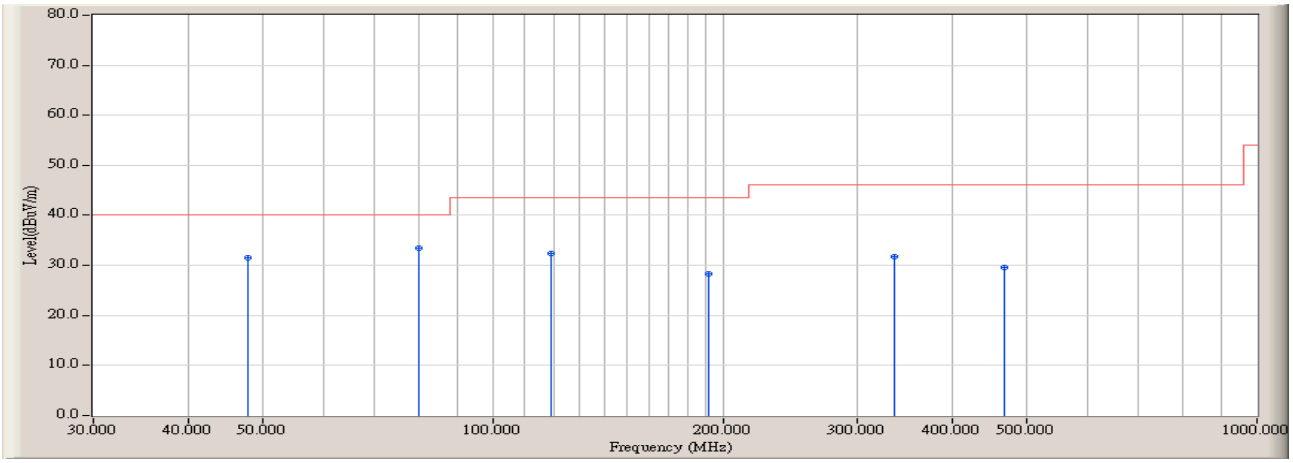


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	57.483	-14.485	46.998	32.514	-7.486	40.000	QUASIPEAK
2		75.267	-16.919	44.823	27.904	-12.096	40.000	QUASIPEAK
3		117.300	-12.751	42.868	30.117	-13.403	43.520	QUASIPEAK
4		159.333	-12.239	43.130	30.891	-12.629	43.520	QUASIPEAK
5		194.900	-13.546	40.964	27.418	-16.102	43.520	QUASIPEAK
6		340.400	-8.567	38.483	29.916	-16.104	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 13:17**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5840MHz)**

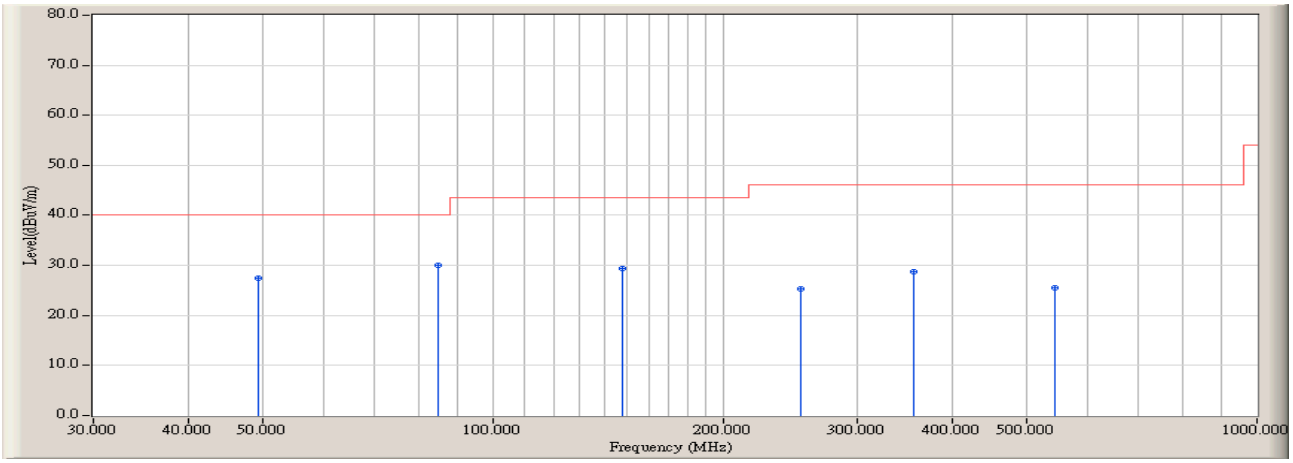


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		47.783	-10.102	41.550	31.448	-8.552	40.000	QUASIPEAK
2	*	80.117	-16.397	49.762	33.365	-6.635	40.000	QUASIPEAK
3		118.917	-12.679	45.123	32.443	-11.077	43.520	QUASIPEAK
4		191.667	-13.654	41.928	28.274	-15.246	43.520	QUASIPEAK
5		335.550	-8.735	40.386	31.651	-14.369	46.020	QUASIPEAK
6		466.500	-6.297	35.932	29.635	-16.385	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 13:18**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5840MHz)**

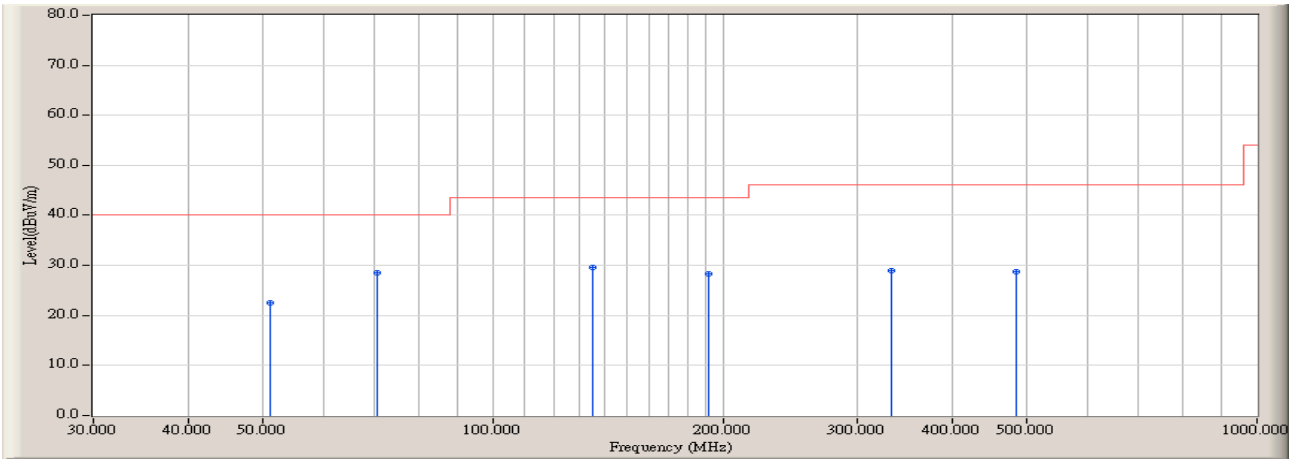


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		49.400	-10.857	38.403	27.546	-12.454	40.000	QUASIPEAK
2	*	84.967	-15.792	45.842	30.050	-9.950	40.000	QUASIPEAK
3		148.017	-11.732	41.136	29.404	-14.116	43.520	QUASIPEAK
4		253.100	-10.938	36.158	25.220	-20.800	46.020	QUASIPEAK
5		354.950	-8.281	37.095	28.814	-17.206	46.020	QUASIPEAK
6		544.100	-4.906	30.478	25.572	-20.448	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 11:51**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2412MHz)**

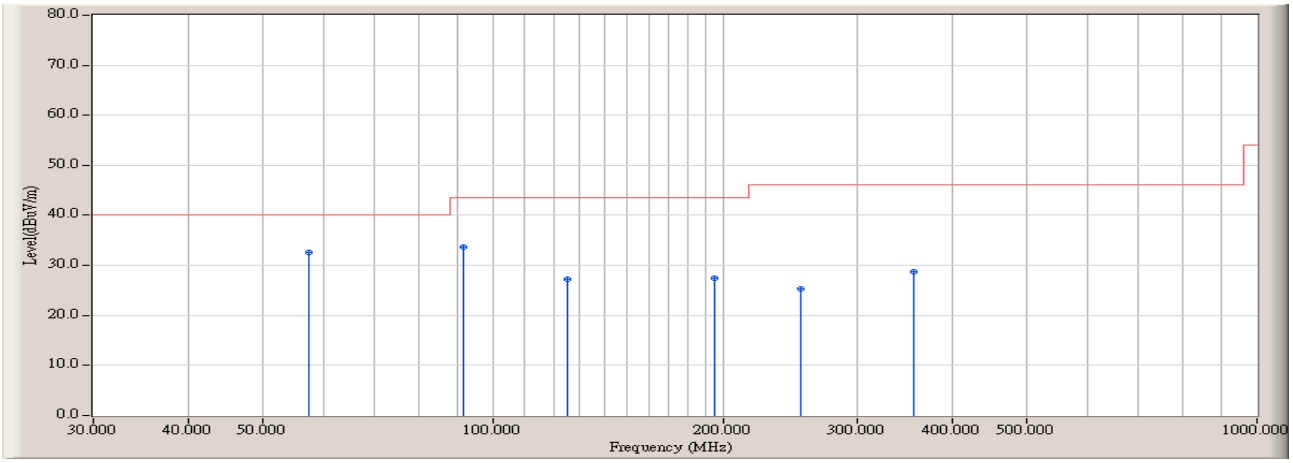


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		51.017	-11.575	34.125	22.550	-17.450	40.000	QUASIPEAK
2	*	70.417	-17.052	45.628	28.576	-11.424	40.000	QUASIPEAK
3		135.083	-11.900	41.581	29.681	-13.839	43.520	QUASIPEAK
4		191.667	-13.654	41.928	28.274	-15.246	43.520	QUASIPEAK
5		332.317	-8.840	37.747	28.907	-17.113	46.020	QUASIPEAK
6		484.283	-5.863	34.500	28.637	-17.383	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 11:53**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2412MHz)**

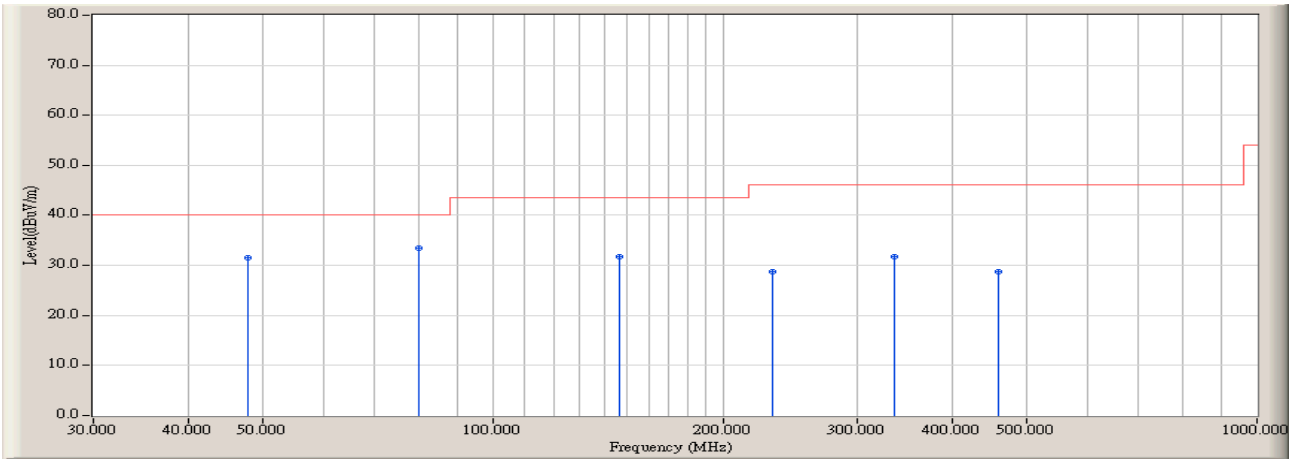


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	57.483	-14.485	46.998	32.514	-7.486	40.000	QUASIPEAK
2		91.433	-15.001	48.774	33.773	-9.747	43.520	QUASIPEAK
3		125.383	-12.138	39.327	27.189	-16.331	43.520	QUASIPEAK
4		194.900	-13.546	40.964	27.418	-16.102	43.520	QUASIPEAK
5		253.100	-10.938	36.158	25.220	-20.800	46.020	QUASIPEAK
6		354.950	-8.281	37.095	28.814	-17.206	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 12:02**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2437MHz)**

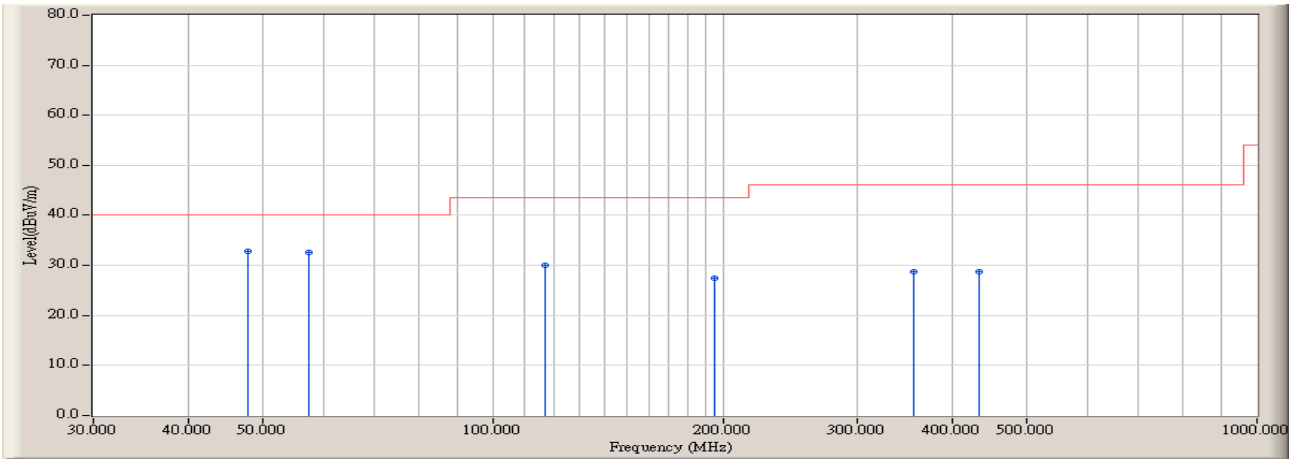


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		47.783	-10.102	41.550	31.448	-8.552	40.000	QUASIPEAK
2	*	80.117	-16.397	49.762	33.365	-6.635	40.000	QUASIPEAK
3		146.400	-11.650	43.382	31.732	-11.788	43.520	QUASIPEAK
4		232.083	-11.753	40.588	28.835	-17.185	46.020	QUASIPEAK
5		335.550	-8.735	40.386	31.651	-14.369	46.020	QUASIPEAK
6		458.417	-6.521	35.164	28.643	-17.377	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 12:02**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2437MHz)**

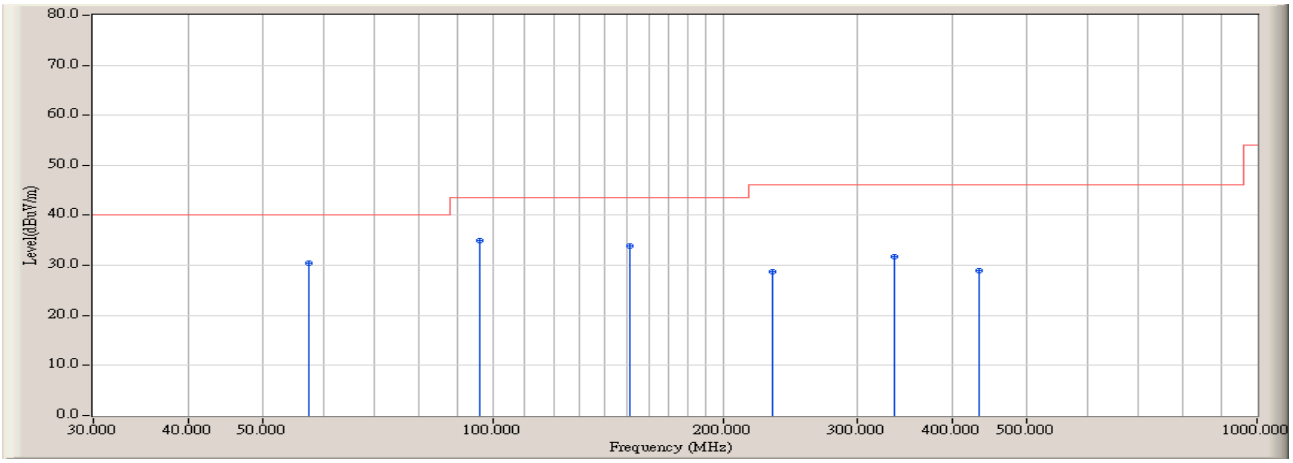


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	47.783	-10.102	42.841	32.739	-7.261	40.000	QUASIPEAK
2		57.483	-14.485	46.998	32.514	-7.486	40.000	QUASIPEAK
3		117.300	-12.751	42.868	30.117	-13.403	43.520	QUASIPEAK
4		194.900	-13.546	40.964	27.418	-16.102	43.520	QUASIPEAK
5		354.950	-8.281	37.095	28.814	-17.206	46.020	QUASIPEAK
6		432.550	-6.920	35.757	28.837	-17.183	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 12:03**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2462MHz)**

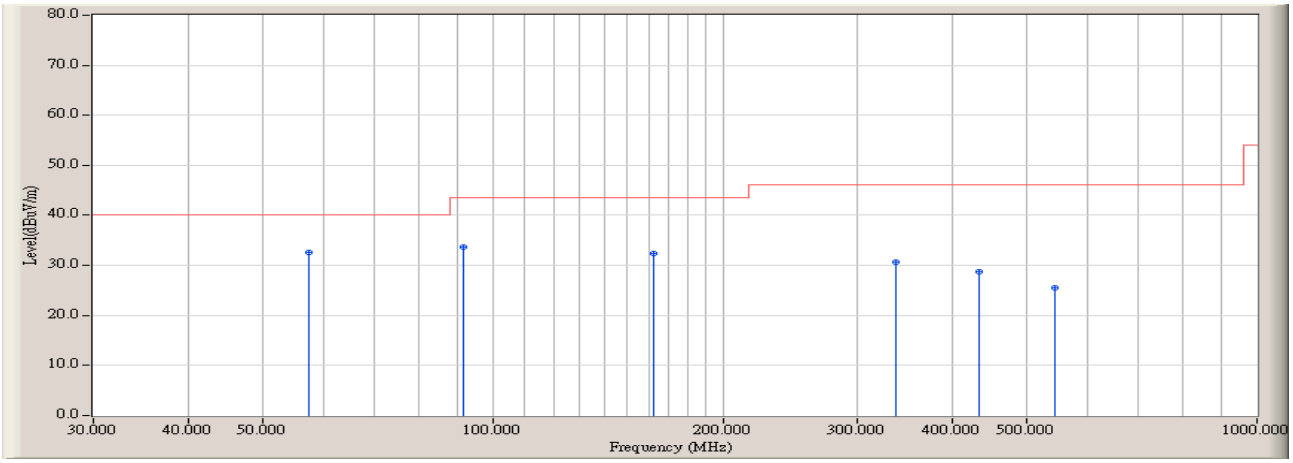


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		57.483	-14.485	44.902	30.418	-9.582	40.000	QUASIPEAK
2	*	96.283	-14.519	49.444	34.925	-8.595	43.520	QUASIPEAK
3		151.250	-11.899	45.864	33.965	-9.555	43.520	QUASIPEAK
4		232.083	-11.753	40.588	28.835	-17.185	46.020	QUASIPEAK
5		335.550	-8.735	40.386	31.651	-14.369	46.020	QUASIPEAK
6		432.550	-6.920	35.817	28.897	-17.123	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 12:03**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2462MHz)**

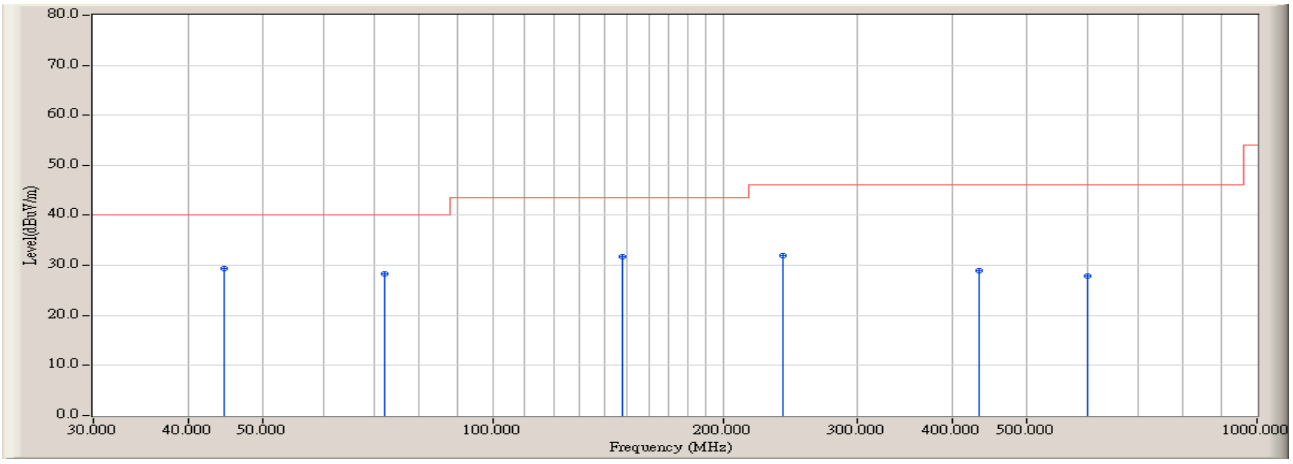


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	57.483	-14.485	46.998	32.514	-7.486	40.000	QUASIPEAK
2		91.433	-15.001	48.774	33.773	-9.747	43.520	QUASIPEAK
3		162.567	-12.487	44.877	32.391	-11.129	43.520	QUASIPEAK
4		337.167	-8.687	39.374	30.687	-15.333	46.020	QUASIPEAK
5		432.550	-6.920	35.757	28.837	-17.183	46.020	QUASIPEAK
6		544.100	-4.906	30.478	25.572	-20.448	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 12:55**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2412MHz)**

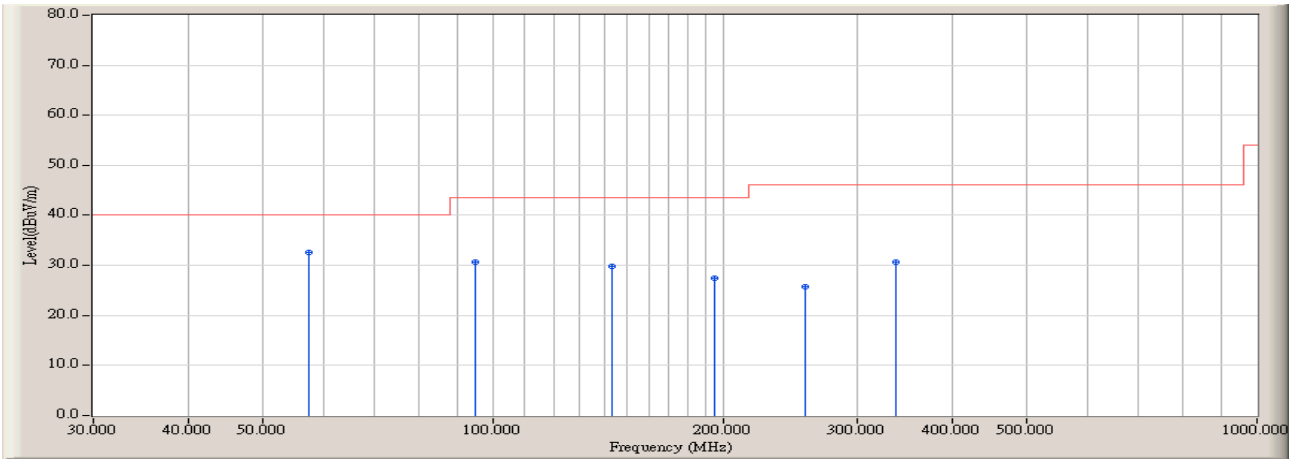


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	44.550	-8.445	37.840	29.395	-10.605	40.000	QUASIPEAK
2		72.033	-17.063	45.439	28.376	-11.624	40.000	QUASIPEAK
3		148.017	-11.732	43.444	31.712	-11.808	43.520	QUASIPEAK
4		240.167	-11.618	43.621	32.002	-14.018	46.020	QUASIPEAK
5		432.550	-6.920	35.817	28.897	-17.123	46.020	QUASIPEAK
6		599.067	-3.790	31.684	27.894	-18.126	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 12:57**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2412MHz)**

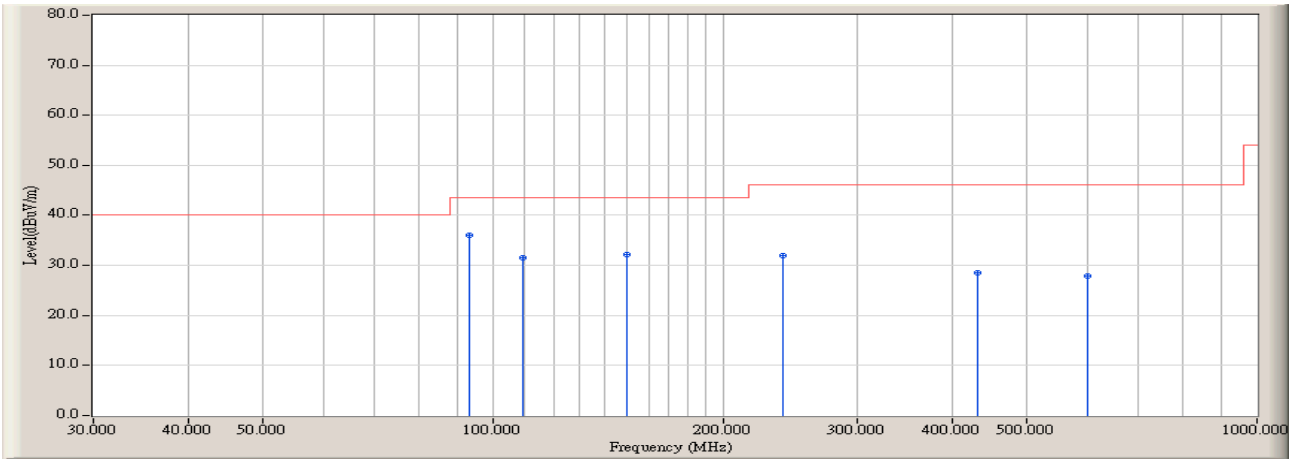


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	57.483	-14.485	46.998	32.514	-7.486	40.000	QUASIPEAK
2		94.667	-14.731	45.413	30.682	-12.838	43.520	QUASIPEAK
3		143.167	-11.662	41.411	29.749	-13.771	43.520	QUASIPEAK
4		194.900	-13.546	40.964	27.418	-16.102	43.520	QUASIPEAK
5		256.333	-10.878	36.605	25.727	-20.293	46.020	QUASIPEAK
6		337.167	-8.687	39.374	30.687	-15.333	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 12:58**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2437MHz)**

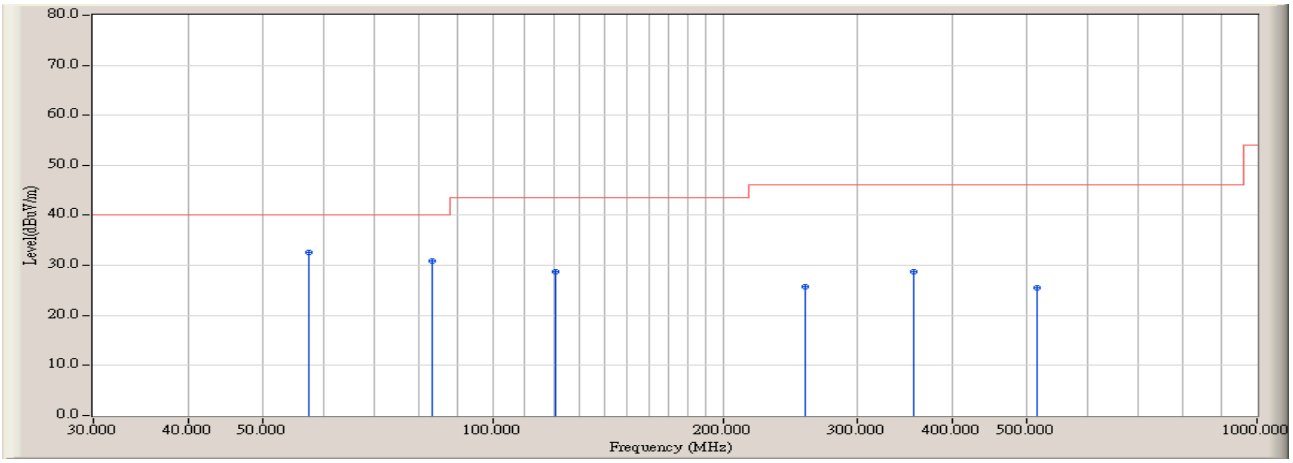


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	93.050	-14.889	50.897	36.008	-7.512	43.520	QUASIPEAK
2		109.217	-13.240	44.710	31.470	-12.050	43.520	QUASIPEAK
3		149.633	-11.820	44.037	32.216	-11.304	43.520	QUASIPEAK
4		240.167	-11.618	43.621	32.002	-14.018	46.020	QUASIPEAK
5		430.933	-6.949	35.545	28.597	-17.423	46.020	QUASIPEAK
6		599.067	-3.790	31.684	27.894	-18.126	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 12:58**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2437MHz)**

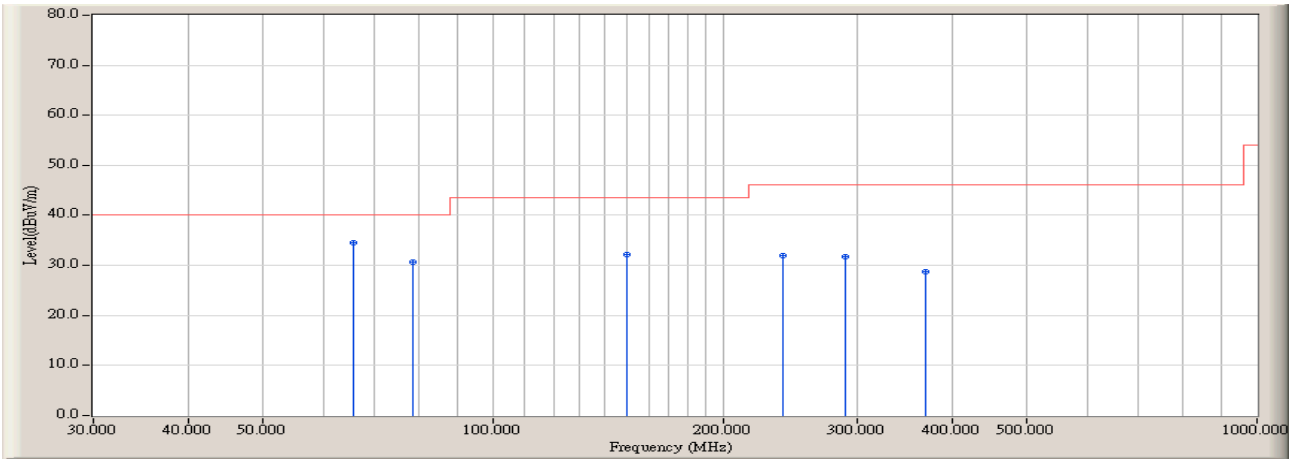


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	57.483	-14.485	46.998	32.514	-7.486	40.000	QUASIPEAK
2		83.350	-15.992	46.972	30.980	-9.020	40.000	QUASIPEAK
3		120.533	-12.561	41.277	28.716	-14.804	43.520	QUASIPEAK
4		256.333	-10.878	36.605	25.727	-20.293	46.020	QUASIPEAK
5		354.950	-8.281	37.095	28.814	-17.206	46.020	QUASIPEAK
6		515.000	-5.394	31.001	25.607	-20.413	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 12:58**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2462MHz)**

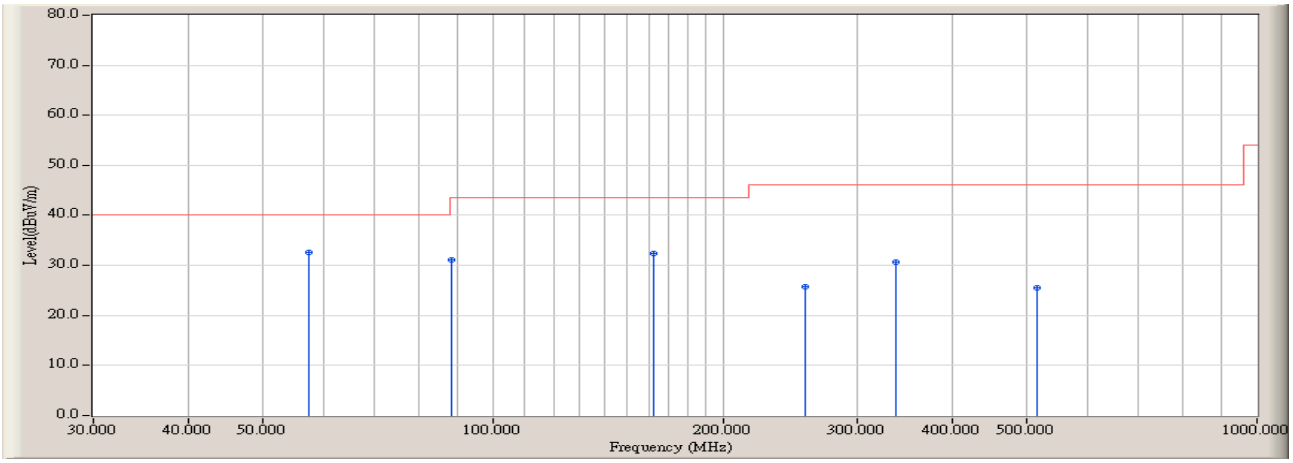


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	65.567	-16.689	51.178	34.488	-5.512	40.000	QUASIPEAK
2		78.500	-16.599	47.344	30.745	-9.255	40.000	QUASIPEAK
3		149.633	-11.820	44.037	32.216	-11.304	43.520	QUASIPEAK
4		240.167	-11.618	43.621	32.002	-14.018	46.020	QUASIPEAK
5		288.667	-10.885	42.585	31.700	-14.320	46.020	QUASIPEAK
6		367.883	-8.210	36.963	28.753	-17.267	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 12:59**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2462MHz)**

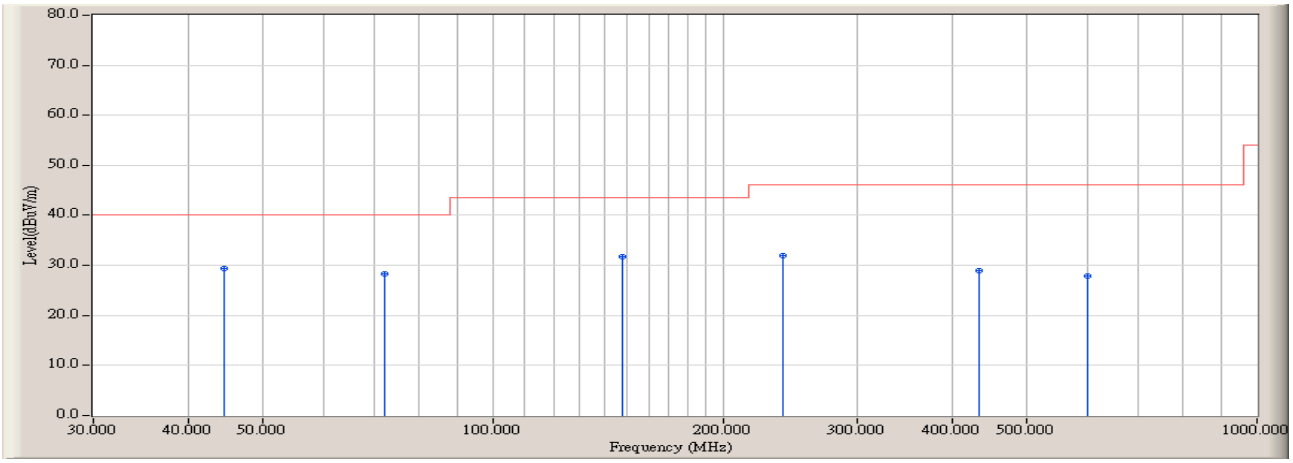


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	57.483	-14.485	46.998	32.514	-7.486	40.000	QUASIPEAK
2		88.200	-15.405	46.585	31.180	-12.340	43.520	QUASIPEAK
3		162.567	-12.487	44.877	32.391	-11.129	43.520	QUASIPEAK
4		256.333	-10.878	36.605	25.727	-20.293	46.020	QUASIPEAK
5		337.167	-8.687	39.374	30.687	-15.333	46.020	QUASIPEAK
6		515.000	-5.394	31.001	25.607	-20.413	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 16:55**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5760MHz)**

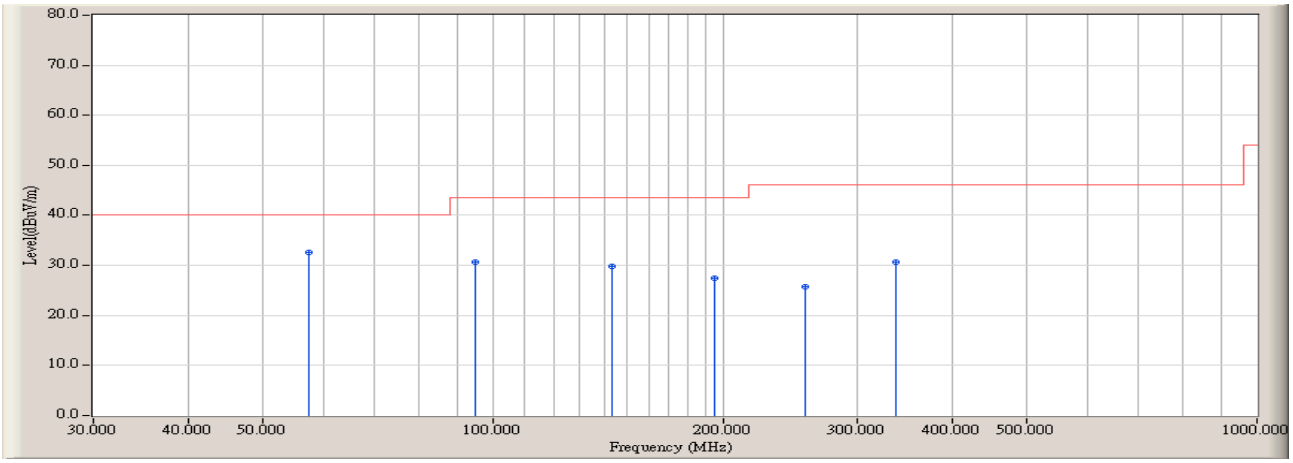


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	44.550	-8.445	37.840	29.395	-10.605	40.000	QUASIPEAK
2		72.033	-17.063	45.439	28.376	-11.624	40.000	QUASIPEAK
3		148.017	-11.732	43.444	31.712	-11.808	43.520	QUASIPEAK
4		240.167	-11.618	43.621	32.002	-14.018	46.020	QUASIPEAK
5		432.550	-6.920	35.817	28.897	-17.123	46.020	QUASIPEAK
6		599.067	-3.790	31.684	27.894	-18.126	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 16:57**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5760MHz)**

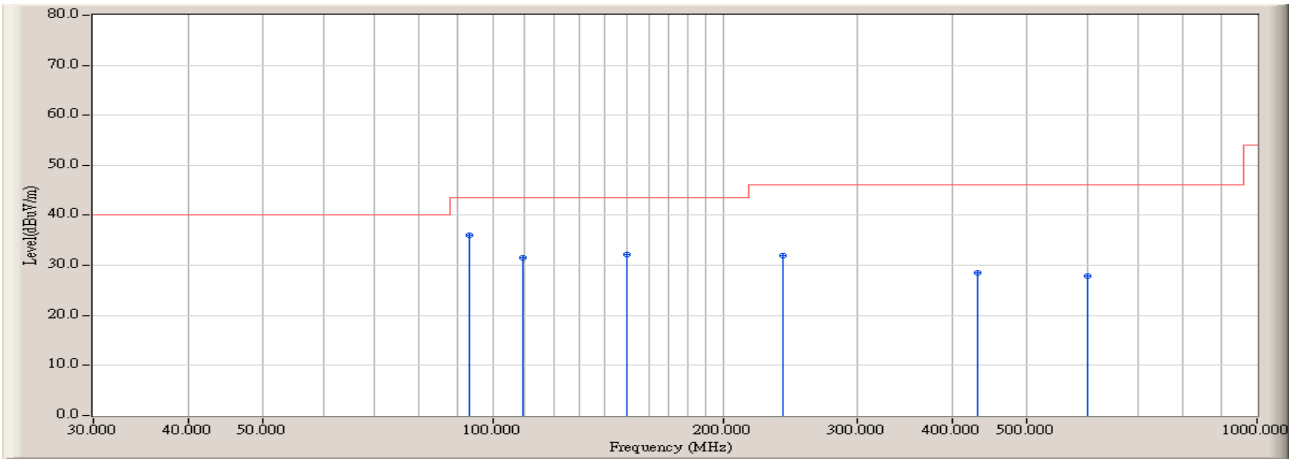


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	57.483	-14.485	46.998	32.514	-7.486	40.000	QUASIPEAK
2		94.667	-14.731	45.413	30.682	-12.838	43.520	QUASIPEAK
3		143.167	-11.662	41.411	29.749	-13.771	43.520	QUASIPEAK
4		194.900	-13.546	40.964	27.418	-16.102	43.520	QUASIPEAK
5		256.333	-10.878	36.605	25.727	-20.293	46.020	QUASIPEAK
6		337.167	-8.687	39.374	30.687	-15.333	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 16:58**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5800MHz)**

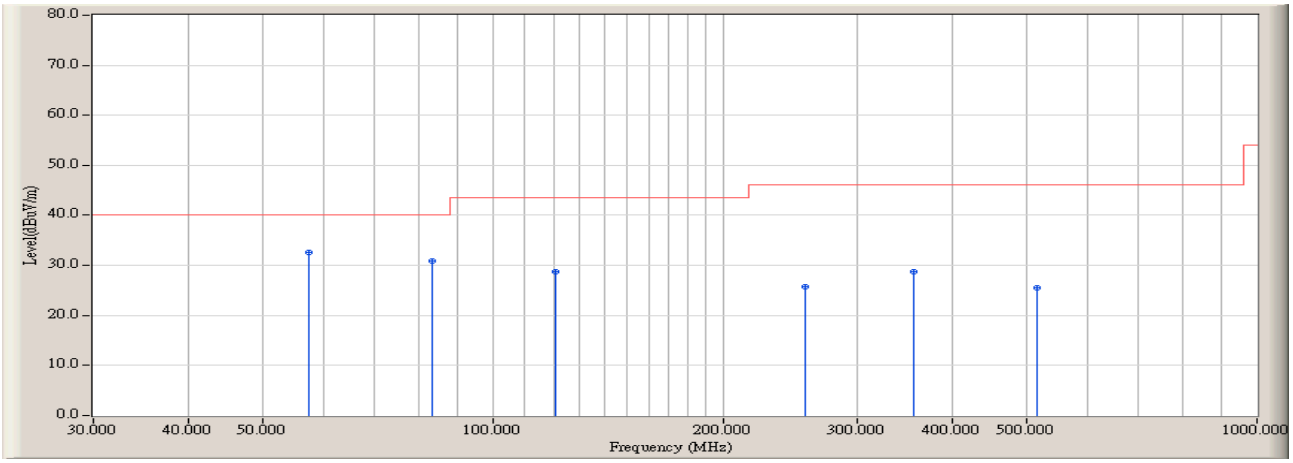


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	93.050	-14.889	50.897	36.008	-7.512	43.520	QUASIPEAK
2		109.217	-13.240	44.710	31.470	-12.050	43.520	QUASIPEAK
3		149.633	-11.820	44.037	32.216	-11.304	43.520	QUASIPEAK
4		240.167	-11.618	43.621	32.002	-14.018	46.020	QUASIPEAK
5		430.933	-6.949	35.545	28.597	-17.423	46.020	QUASIPEAK
6		599.067	-3.790	31.684	27.894	-18.126	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 16:58**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5800MHz)**

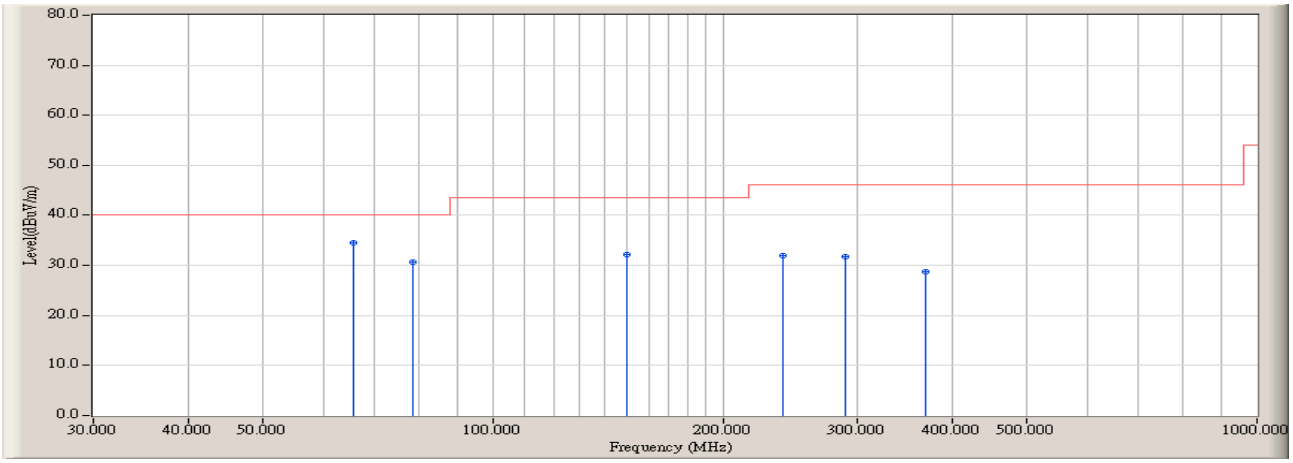


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	57.483	-14.485	46.998	32.514	-7.486	40.000	QUASIPEAK
2		83.350	-15.992	46.972	30.980	-9.020	40.000	QUASIPEAK
3		120.533	-12.561	41.277	28.716	-14.804	43.520	QUASIPEAK
4		256.333	-10.878	36.605	25.727	-20.293	46.020	QUASIPEAK
5		354.950	-8.281	37.095	28.814	-17.206	46.020	QUASIPEAK
6		515.000	-5.394	31.001	25.607	-20.413	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 16:58**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5820MHz)**

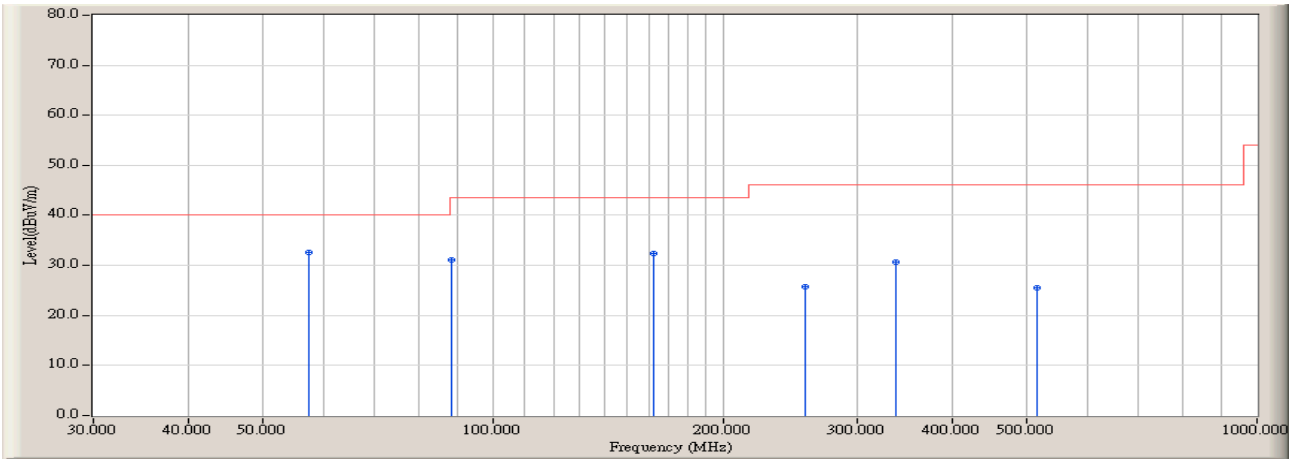


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	65.567	-16.689	51.178	34.488	-5.512	40.000	QUASIPEAK
2		78.500	-16.599	47.344	30.745	-9.255	40.000	QUASIPEAK
3		149.633	-11.820	44.037	32.216	-11.304	43.520	QUASIPEAK
4		240.167	-11.618	43.621	32.002	-14.018	46.020	QUASIPEAK
5		288.667	-10.885	42.585	31.700	-14.320	46.020	QUASIPEAK
6		367.883	-8.210	36.963	28.753	-17.267	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 16:59**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5820MHz)**

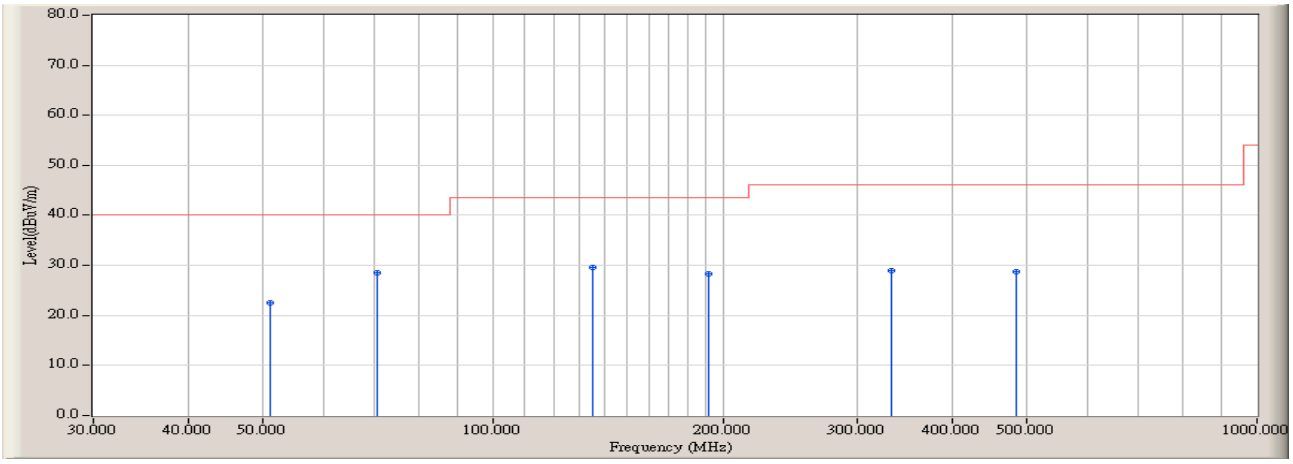


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	57.483	-14.485	46.998	32.514	-7.486	40.000	QUASIPEAK
2		88.200	-15.405	46.585	31.180	-12.340	43.520	QUASIPEAK
3		162.567	-12.487	44.877	32.391	-11.129	43.520	QUASIPEAK
4		256.333	-10.878	36.605	25.727	-20.293	46.020	QUASIPEAK
5		337.167	-8.687	39.374	30.687	-15.333	46.020	QUASIPEAK
6		515.000	-5.394	31.001	25.607	-20.413	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 -14:51**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2422MHz)**

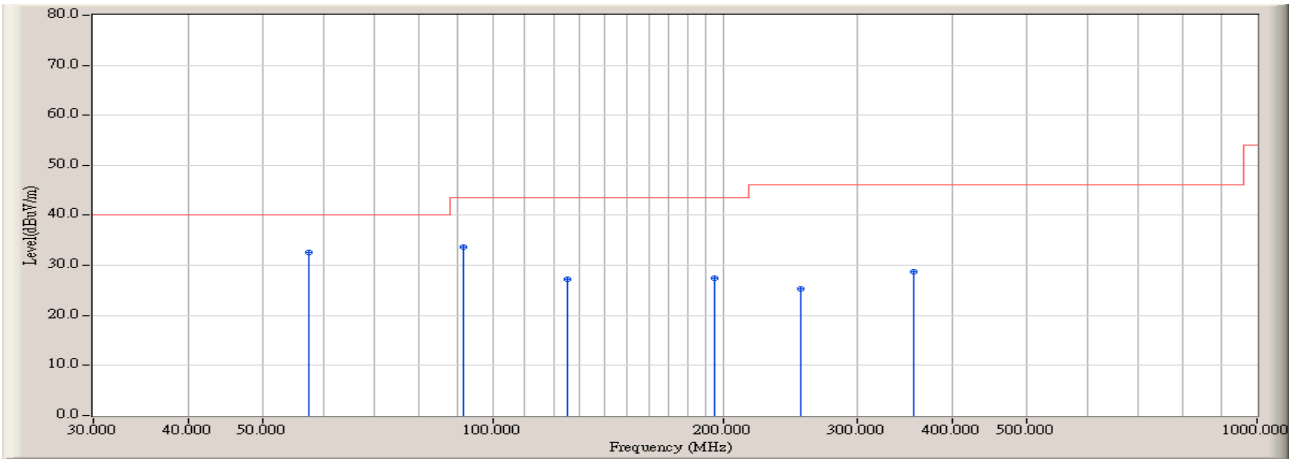


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		51.017	-11.575	34.125	22.550	-17.450	40.000	QUASIPEAK
2	*	70.417	-17.052	45.628	28.576	-11.424	40.000	QUASIPEAK
3		135.083	-11.900	41.581	29.681	-13.839	43.520	QUASIPEAK
4		191.667	-13.654	41.928	28.274	-15.246	43.520	QUASIPEAK
5		332.317	-8.840	37.747	28.907	-17.113	46.020	QUASIPEAK
6		484.283	-5.863	34.500	28.637	-17.383	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 14:53**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2422MHz)**

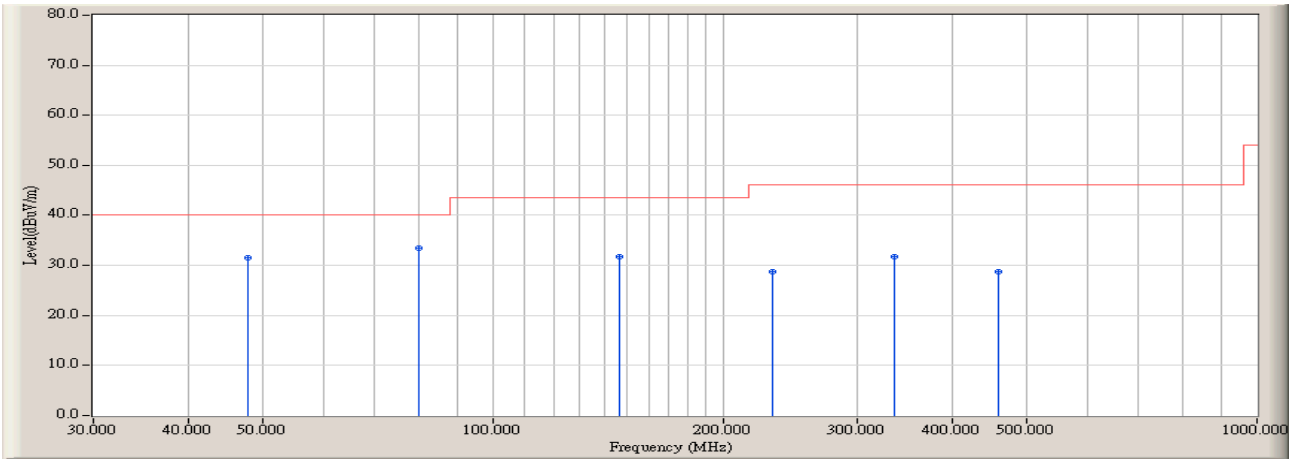


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	57.483	-14.485	46.998	32.514	-7.486	40.000	QUASIPEAK
2		91.433	-15.001	48.774	33.773	-9.747	43.520	QUASIPEAK
3		125.383	-12.138	39.327	27.189	-16.331	43.520	QUASIPEAK
4		194.900	-13.546	40.964	27.418	-16.102	43.520	QUASIPEAK
5		253.100	-10.938	36.158	25.220	-20.800	46.020	QUASIPEAK
6		354.950	-8.281	37.095	28.814	-17.206	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 15:02**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2442MHz)**

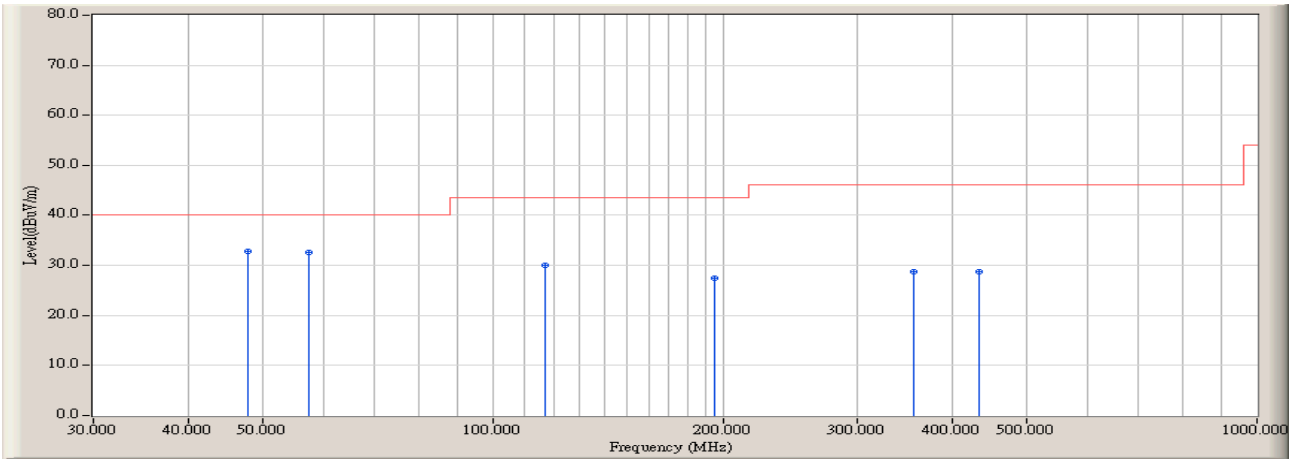


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		47.783	-10.102	41.550	31.448	-8.552	40.000	QUASIPEAK
2	*	80.117	-16.397	49.762	33.365	-6.635	40.000	QUASIPEAK
3		146.400	-11.650	43.382	31.732	-11.788	43.520	QUASIPEAK
4		232.083	-11.753	40.588	28.835	-17.185	46.020	QUASIPEAK
5		335.550	-8.735	40.386	31.651	-14.369	46.020	QUASIPEAK
6		458.417	-6.521	35.164	28.643	-17.377	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 15:02**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2442MHz)**

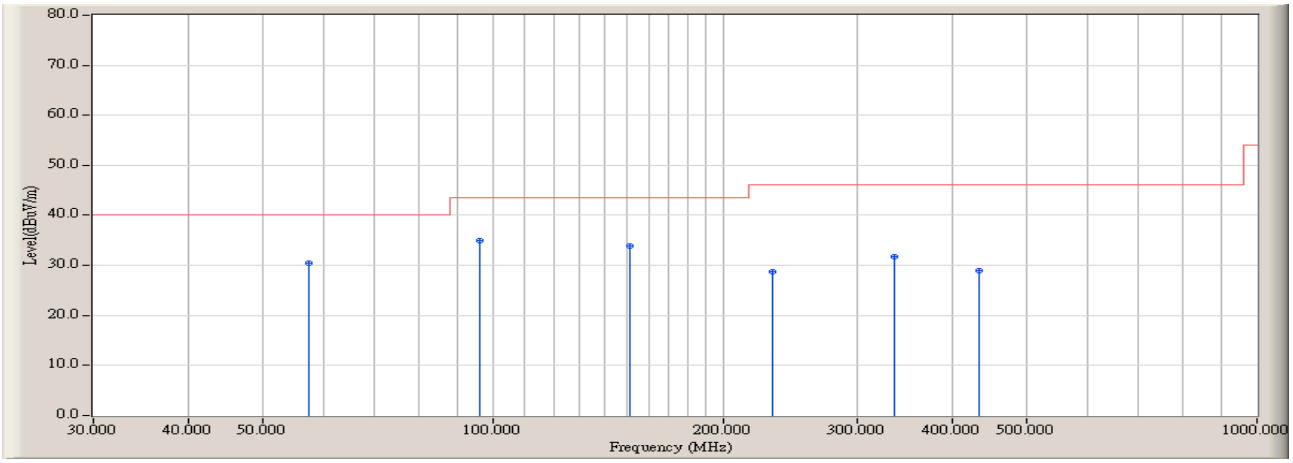


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	47.783	-10.102	42.841	32.739	-7.261	40.000	QUASIPEAK
2		57.483	-14.485	46.998	32.514	-7.486	40.000	QUASIPEAK
3		117.300	-12.751	42.868	30.117	-13.403	43.520	QUASIPEAK
4		194.900	-13.546	40.964	27.418	-16.102	43.520	QUASIPEAK
5		354.950	-8.281	37.095	28.814	-17.206	46.020	QUASIPEAK
6		432.550	-6.920	35.757	28.837	-17.183	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 15:03**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2462MHz)**

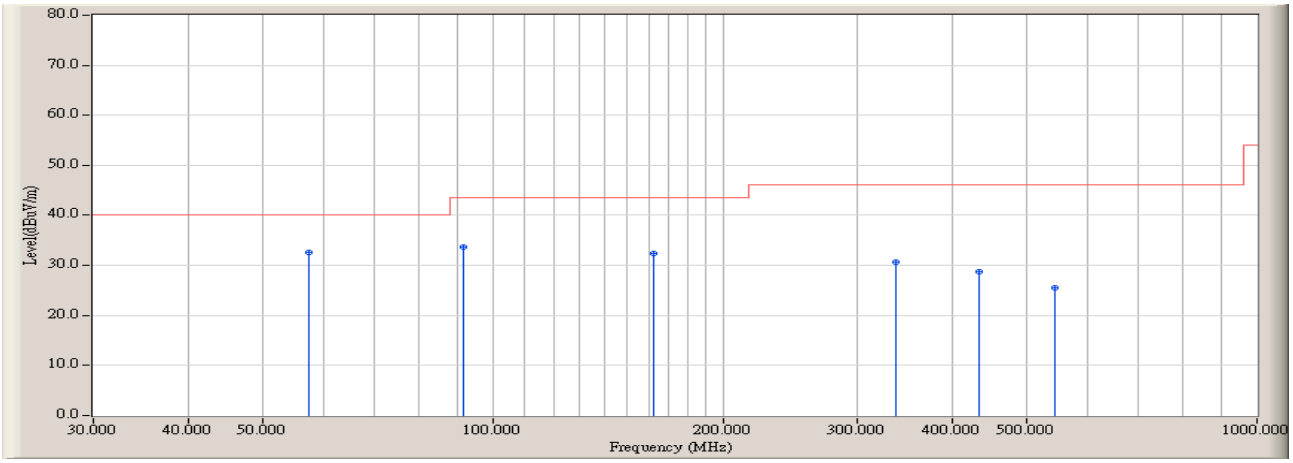


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		57.483	-14.485	44.902	30.418	-9.582	40.000	QUASIPEAK
2	*	96.283	-14.519	49.444	34.925	-8.595	43.520	QUASIPEAK
3		151.250	-11.899	45.864	33.965	-9.555	43.520	QUASIPEAK
4		232.083	-11.753	40.588	28.835	-17.185	46.020	QUASIPEAK
5		335.550	-8.735	40.386	31.651	-14.369	46.020	QUASIPEAK
6		432.550	-6.920	35.817	28.897	-17.123	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/14 - 15:03**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Wireless-AG(108MBPS) Network USB Adapter	**Probe : CBL6141A_4278(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2462MHz)**

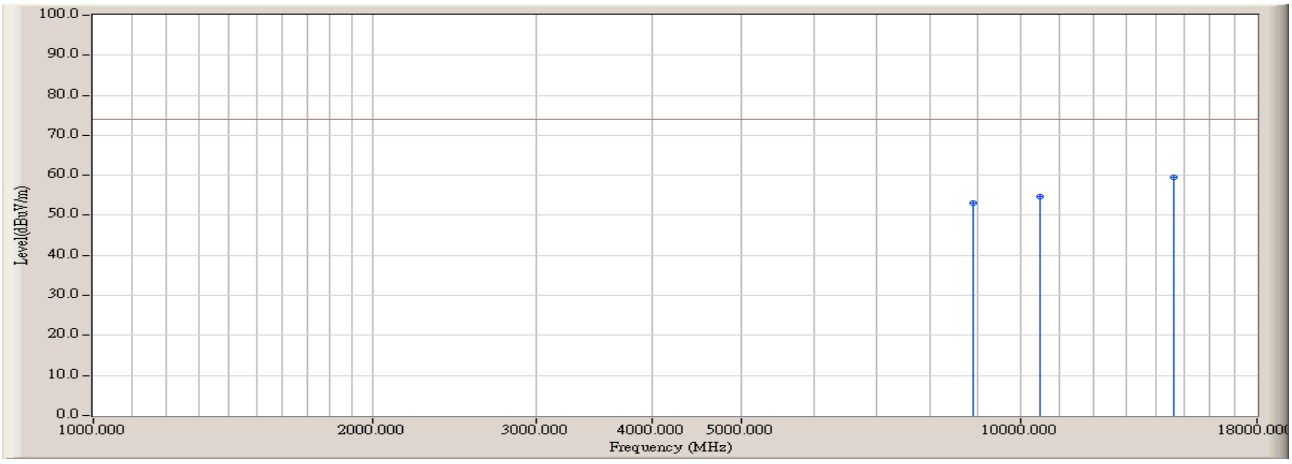


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	57.483	-14.485	46.998	32.514	-7.486	40.000	QUASIPEAK
2		91.433	-15.001	48.774	33.773	-9.747	43.520	QUASIPEAK
3		162.567	-12.487	44.877	32.391	-11.129	43.520	QUASIPEAK
4		337.167	-8.687	39.374	30.687	-15.333	46.020	QUASIPEAK
5		432.550	-6.920	35.757	28.837	-17.183	46.020	QUASIPEAK
6		544.100	-4.906	30.478	25.572	-20.448	46.020	QUASIPEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 14:44**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5740MHz)**

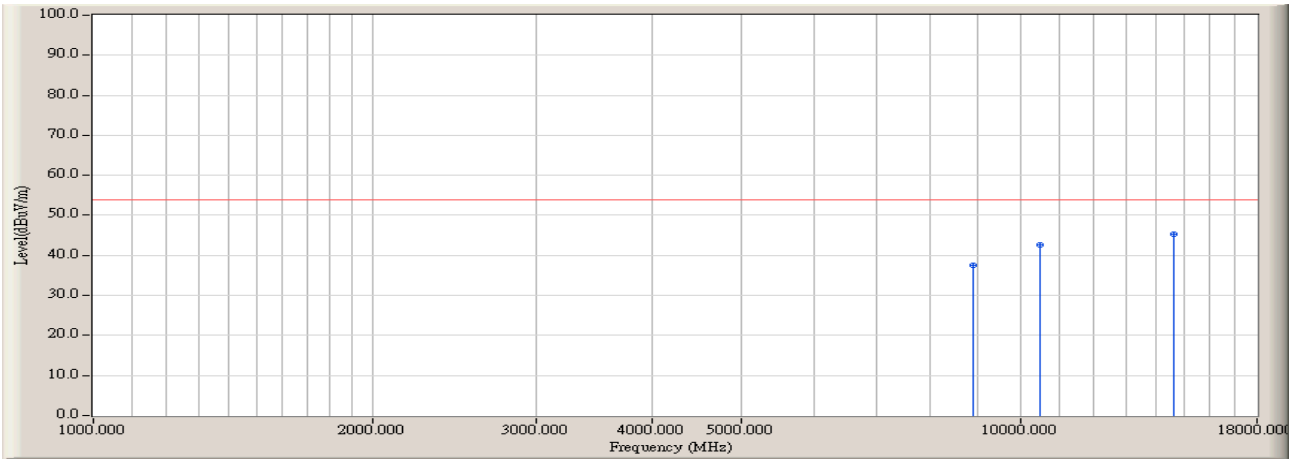


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8905.000	15.680	37.309	52.989	-21.011	74.000	PEAK
2		10491.667	18.997	35.747	54.744	-19.256	74.000	PEAK
3	*	14628.333	26.013	33.484	59.497	-14.503	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 14:44**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5740MHz)**

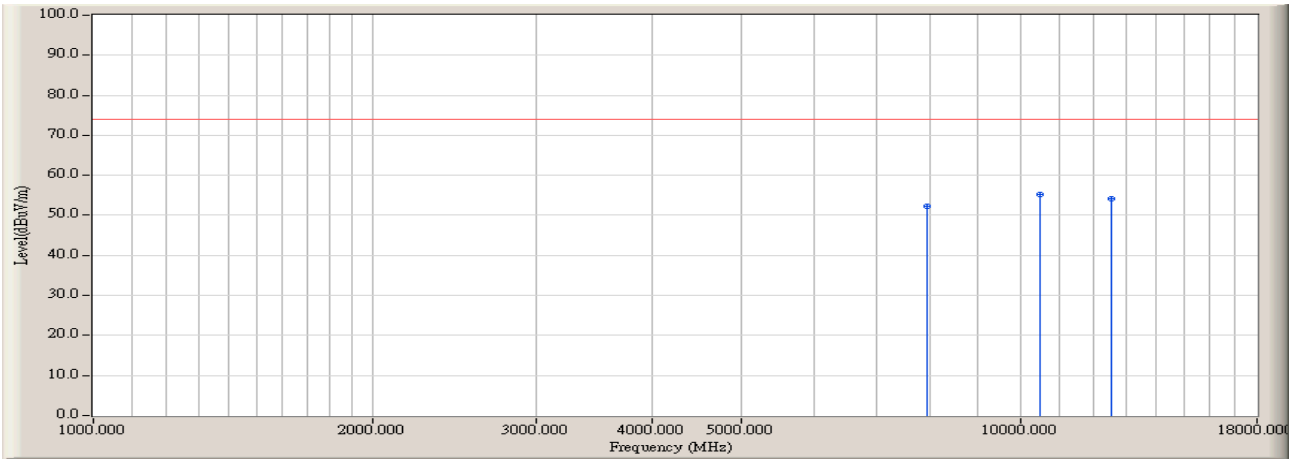


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8905.000	15.680	21.970	37.650	-16.350	54.000	AVERAGE
2		10491.667	18.997	23.573	42.570	-11.430	54.000	AVERAGE
3	*	14628.333	26.013	19.255	45.268	-8.732	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 14:46**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5740MHz)**

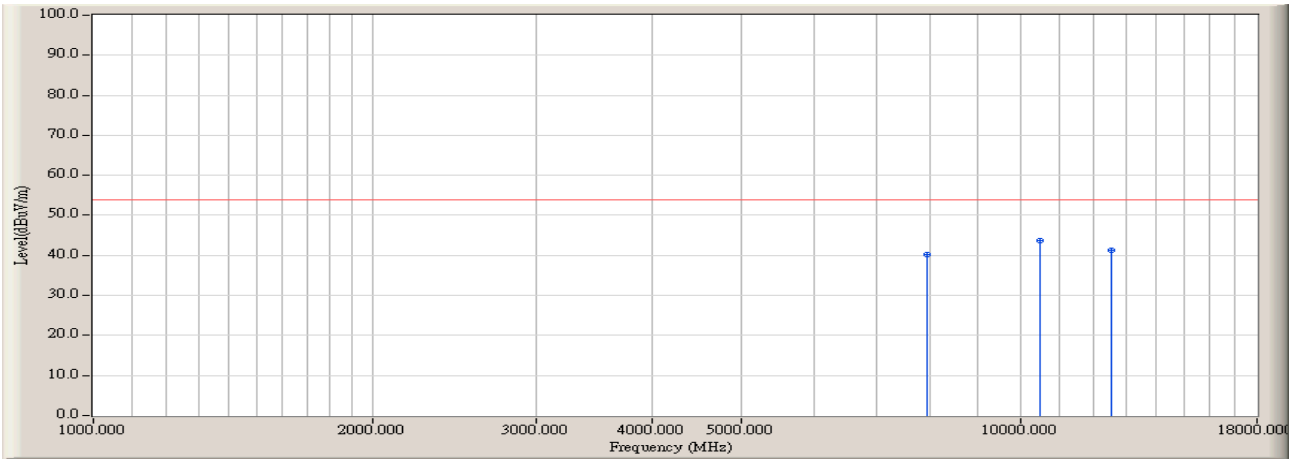


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7941.667	14.083	38.187	52.270	-21.730	74.000	PEAK
2	*	10491.667	18.997	36.112	55.109	-18.891	74.000	PEAK
3		12531.667	20.051	33.984	54.034	-19.966	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 14:46**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5740MHz)**

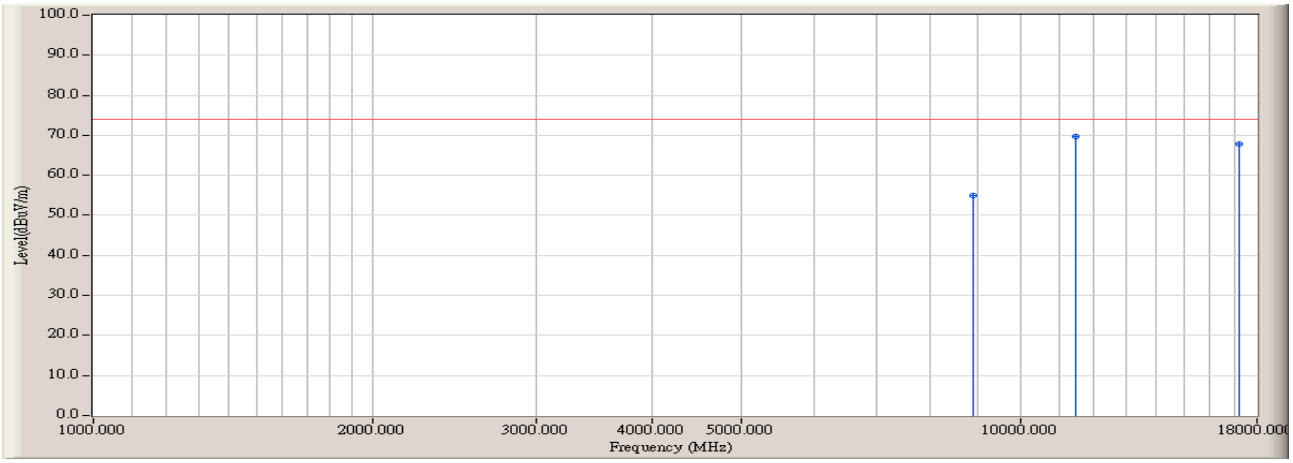


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7941.667	14.083	26.243	40.326	-13.674	54.000	AVERAGE
2	*	10491.667	18.997	24.623	43.620	-10.380	54.000	AVERAGE
3		12531.667	20.051	21.210	41.260	-12.740	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 14:48**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5800MHz)**

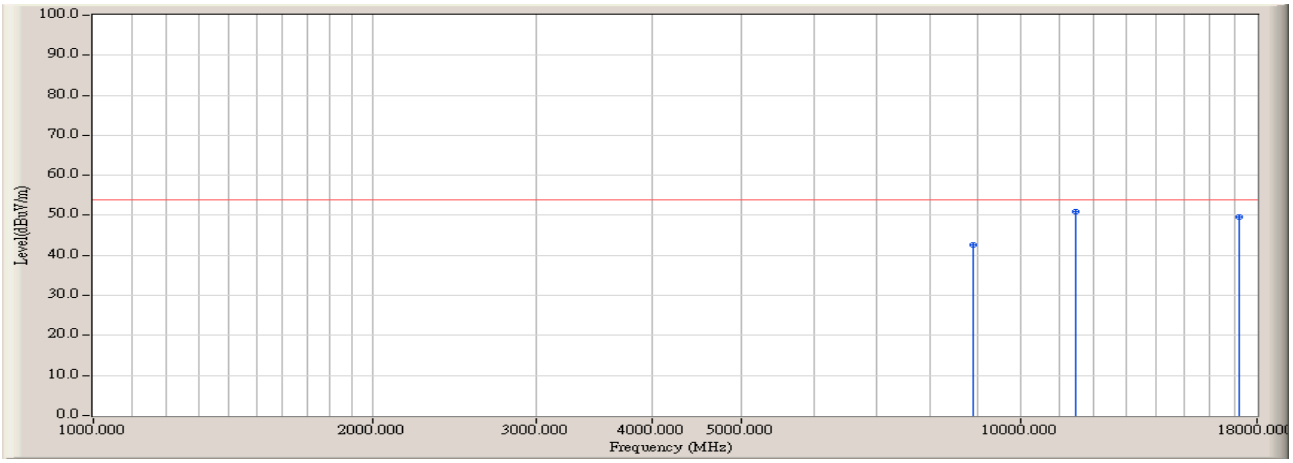


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8905.000	15.680	39.342	55.022	-18.978	74.000	PEAK
2	*	11483.333	19.560	50.113	69.673	-4.327	74.000	PEAK
3		17206.667	28.893	38.872	67.765	-6.235	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 14:48**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5800MHz)**

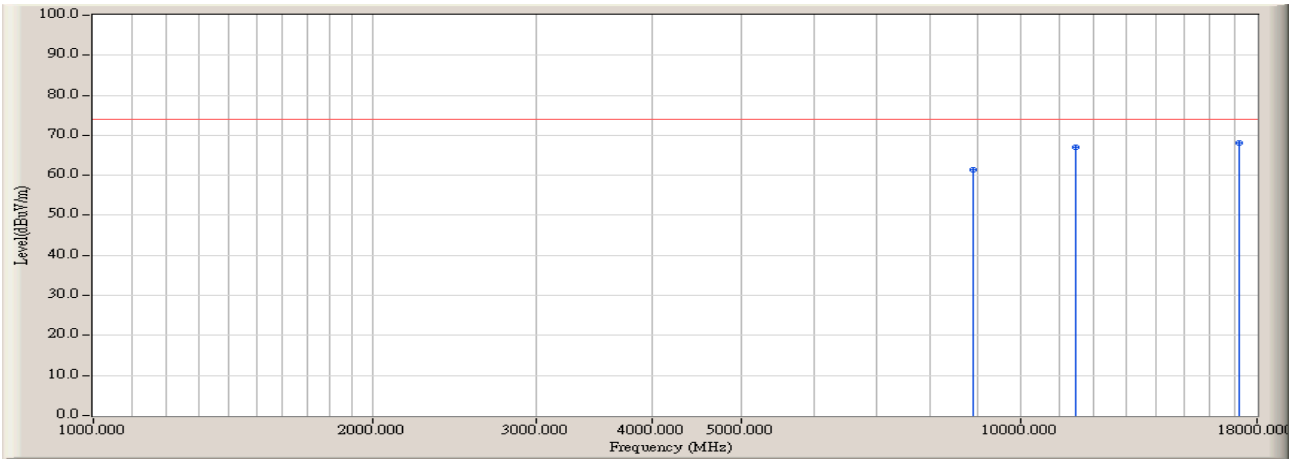


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8905.000	15.680	26.973	42.653	-11.347	54.000	AVERAGE
2	*	11483.333	19.560	31.470	51.030	-2.970	54.000	AVERAGE
3		17206.667	28.893	20.794	49.687	-4.313	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 14:52**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5800MHz)**

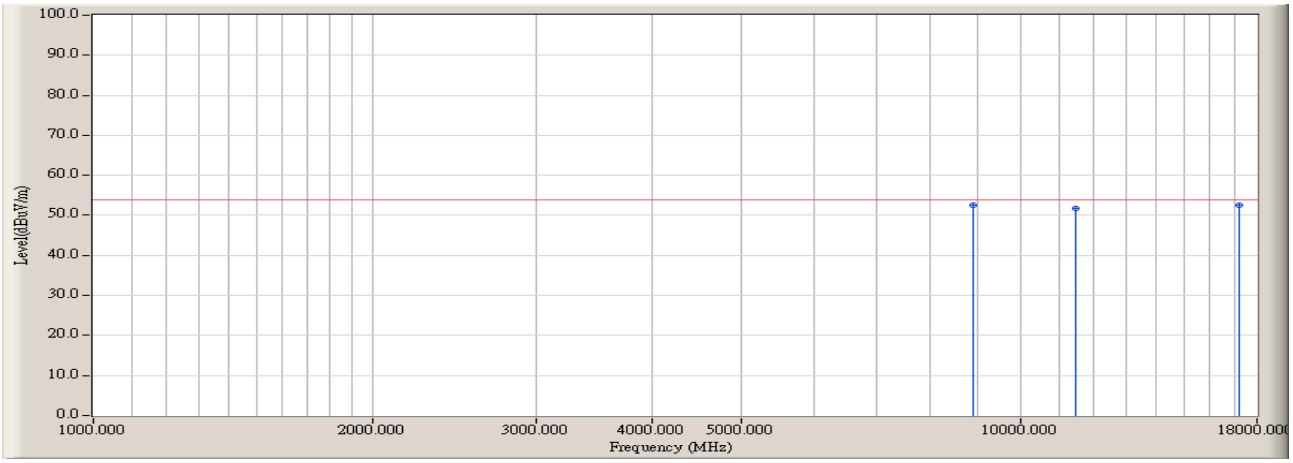


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8905.000	15.680	45.788	61.468	-12.532	74.000	PEAK
2		11483.333	19.560	47.503	67.063	-6.937	74.000	PEAK
3	*	17206.667	28.893	39.129	68.022	-5.978	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 14:52**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5800MHz)**

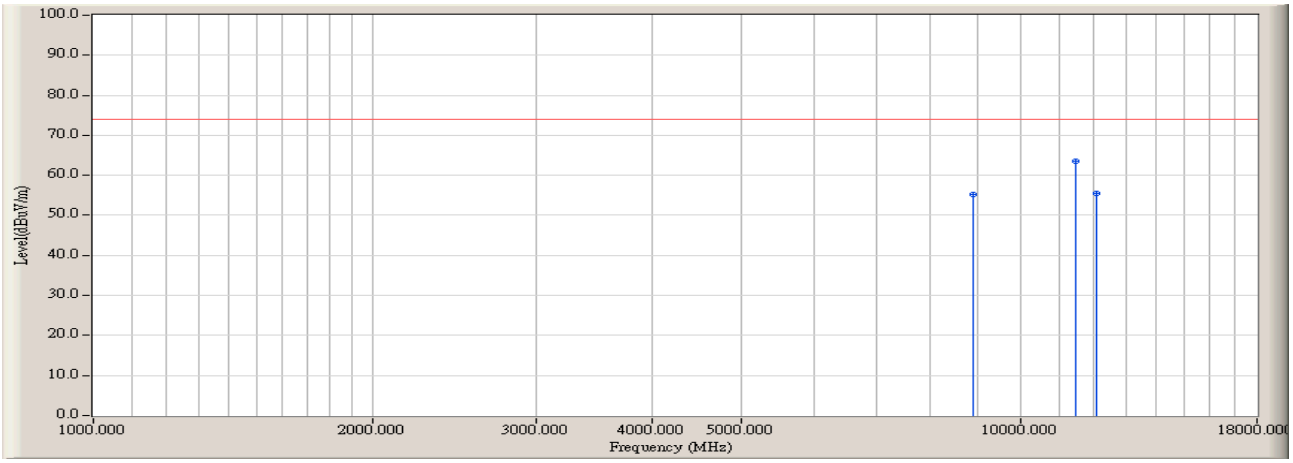


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8905.000	15.680	36.790	52.470	-1.530	54.000	AVERAGE
2		11483.333	19.560	32.070	51.630	-2.370	54.000	AVERAGE
3	*	17206.667	28.893	23.637	52.530	-1.470	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 14:55**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5840MHz)**

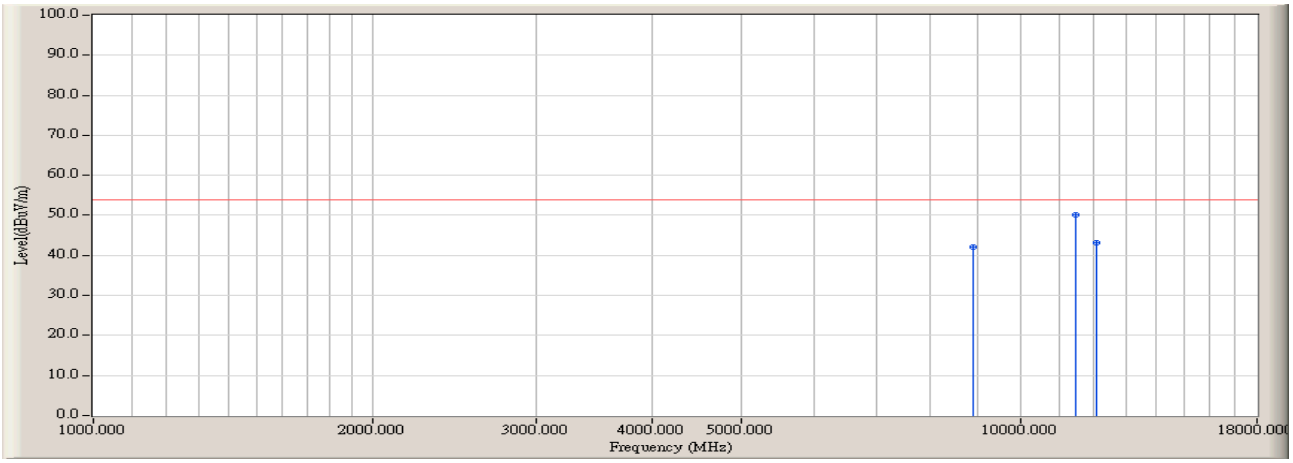


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8905.000	15.680	39.570	55.250	-18.750	74.000	PEAK
2	*	11483.333	19.560	43.976	63.536	-10.464	74.000	PEAK
3		12078.333	19.017	36.412	55.429	-18.571	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 14:55**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5840MHz)**

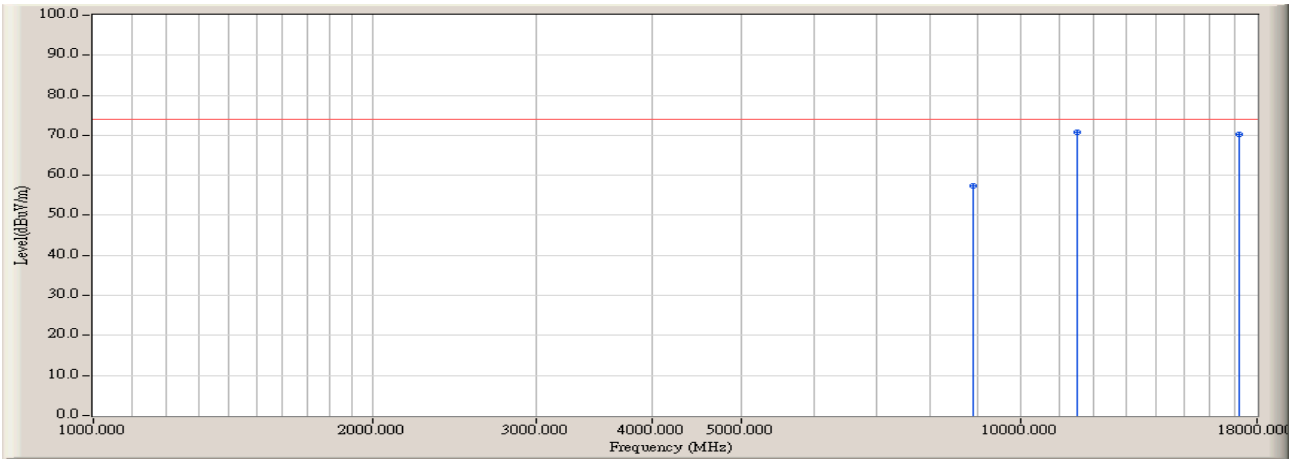


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8905.000	15.680	26.480	42.160	-11.840	54.000	AVERAGE
2	*	11483.333	19.560	30.570	50.130	-3.870	54.000	AVERAGE
3		12078.333	19.017	24.073	43.090	-10.910	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 15:02**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5840MHz)**

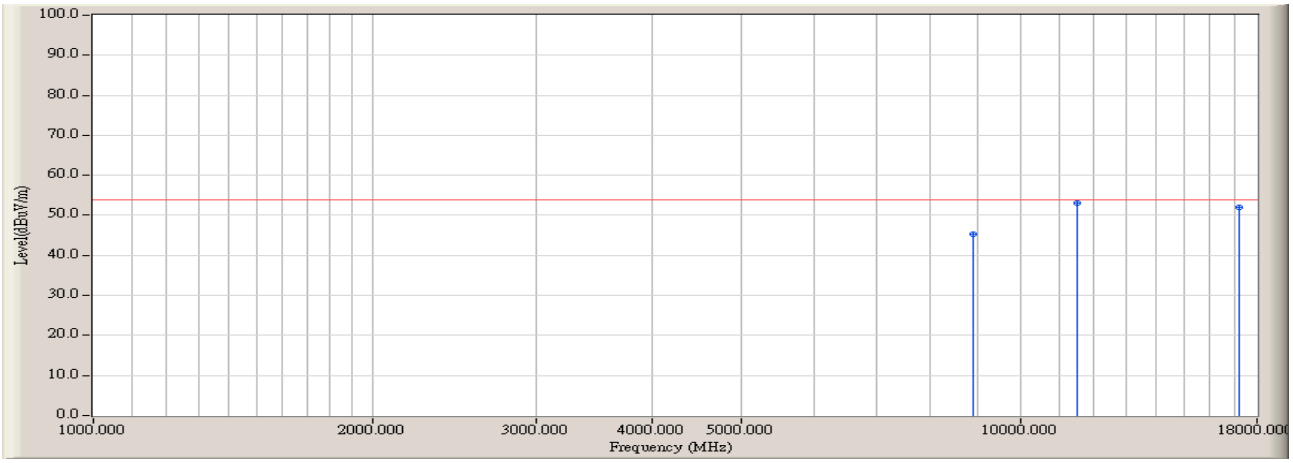


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8905.000	15.680	41.822	57.502	-16.498	74.000	PEAK
2	*	11511.667	19.507	51.350	70.857	-3.143	74.000	PEAK
3		17206.667	28.893	41.451	70.344	-3.656	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 15:02**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by 802.11a (5840MHz)**

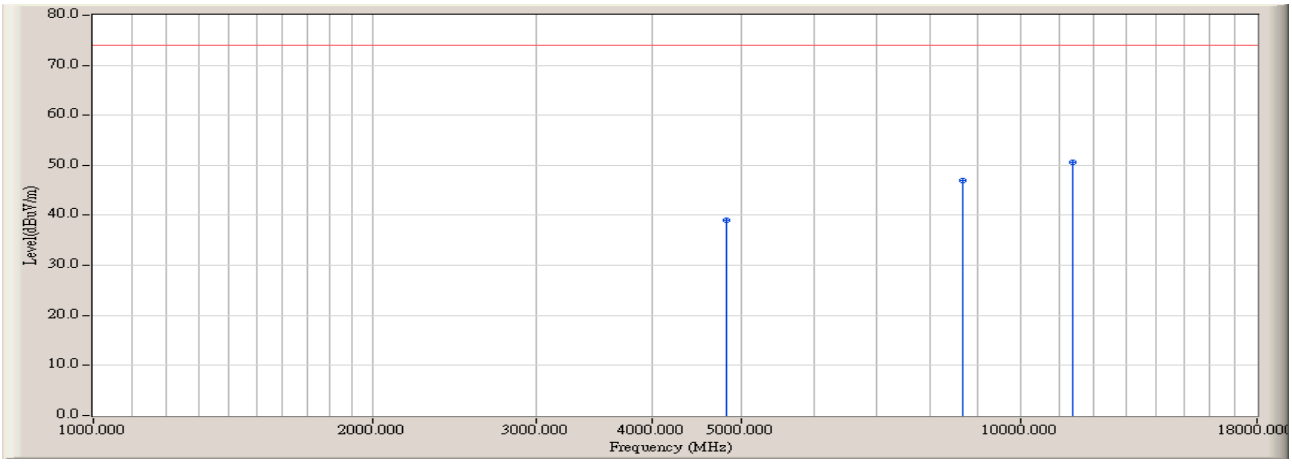


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8905.000	15.680	29.500	45.180	-8.820	54.000	AVERAGE
2	*	11511.667	19.507	33.553	53.060	-0.940	54.000	AVERAGE
3		17206.667	28.893	23.167	52.060	-1.940	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 10:50**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2412MHz)**

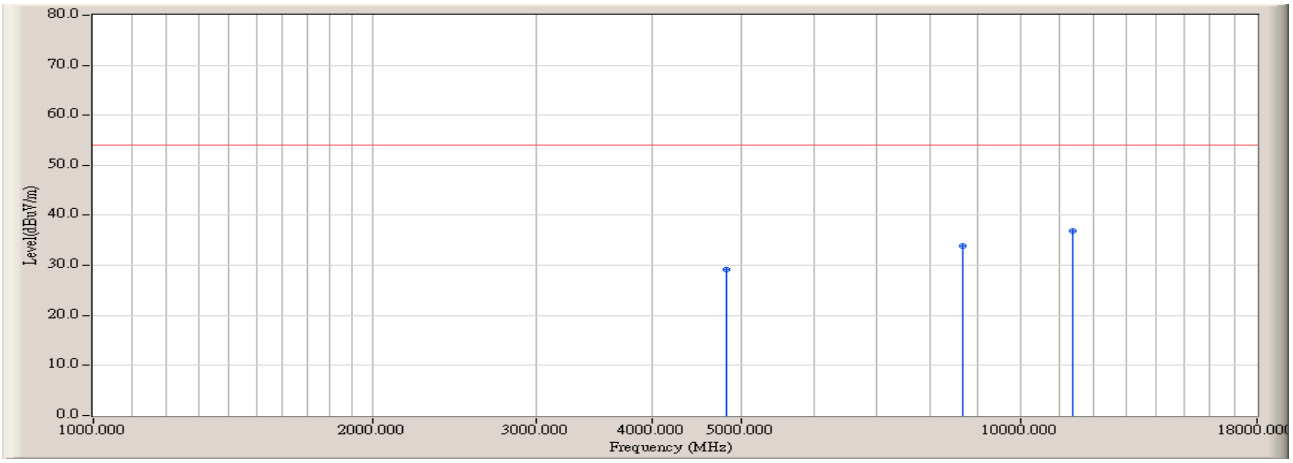


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4825.000	4.900	34.066	38.966	-35.034	74.000	PEAK
2		8678.333	15.223	31.709	46.932	-27.068	74.000	PEAK
3	*	11370.000	19.710	30.947	50.657	-23.343	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 10:50**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2412MHz)**

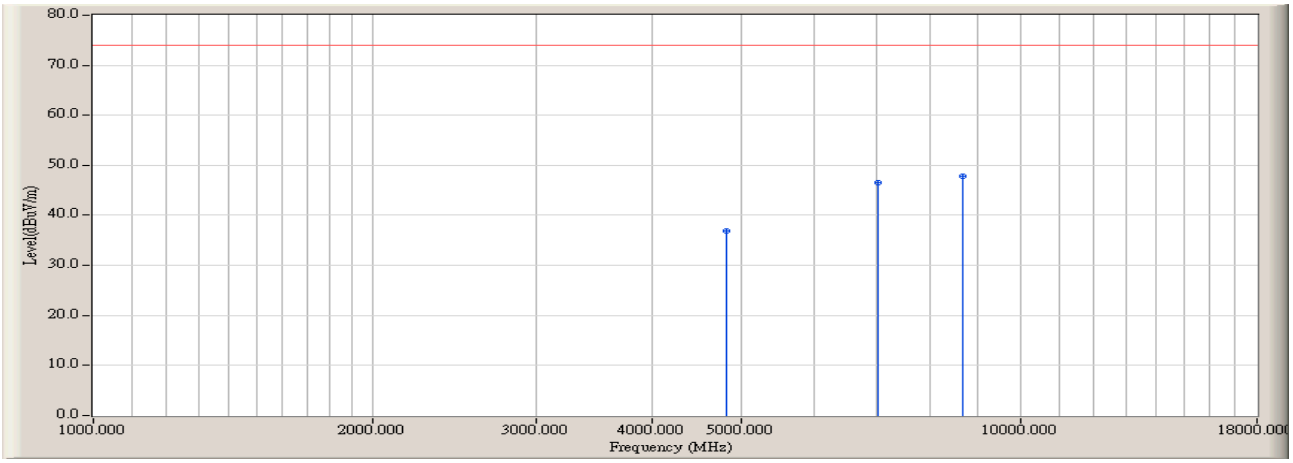


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4825.000	4.900	24.270	29.170	-24.830	54.000	AVERAGE
2		8678.333	15.223	18.770	33.993	-20.007	54.000	AVERAGE
3	*	11370.000	19.710	17.250	36.960	-17.040	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 10:53**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2412MHz)**

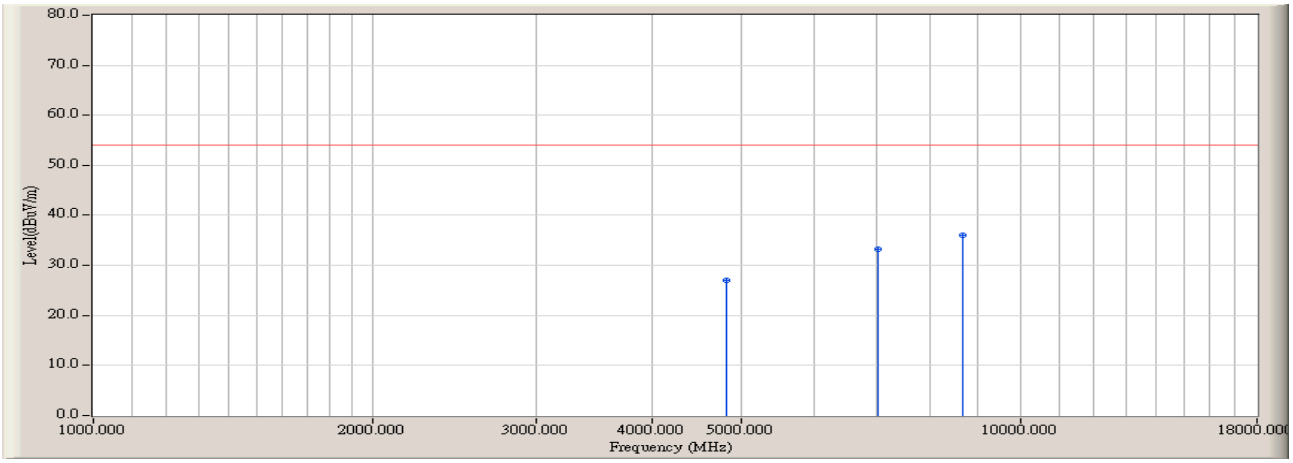


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4825.000	4.900	32.031	36.931	-37.069	74.000	PEAK
2		7035.000	14.790	31.760	46.550	-27.450	74.000	PEAK
3	*	8678.333	15.223	32.517	47.740	-26.260	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 10:53**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2412MHz)**

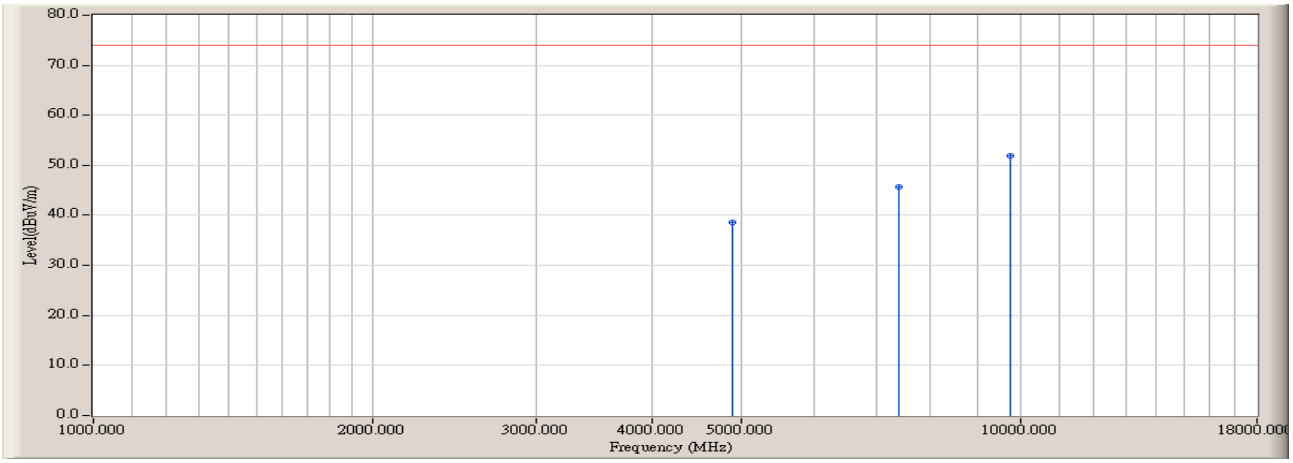


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4825.000	4.900	22.150	27.050	-26.950	54.000	AVERAGE
2		7035.000	14.790	18.470	33.260	-20.740	54.000	AVERAGE
3	*	8678.333	15.223	20.740	35.963	-18.037	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 10:57**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2437MHz)**

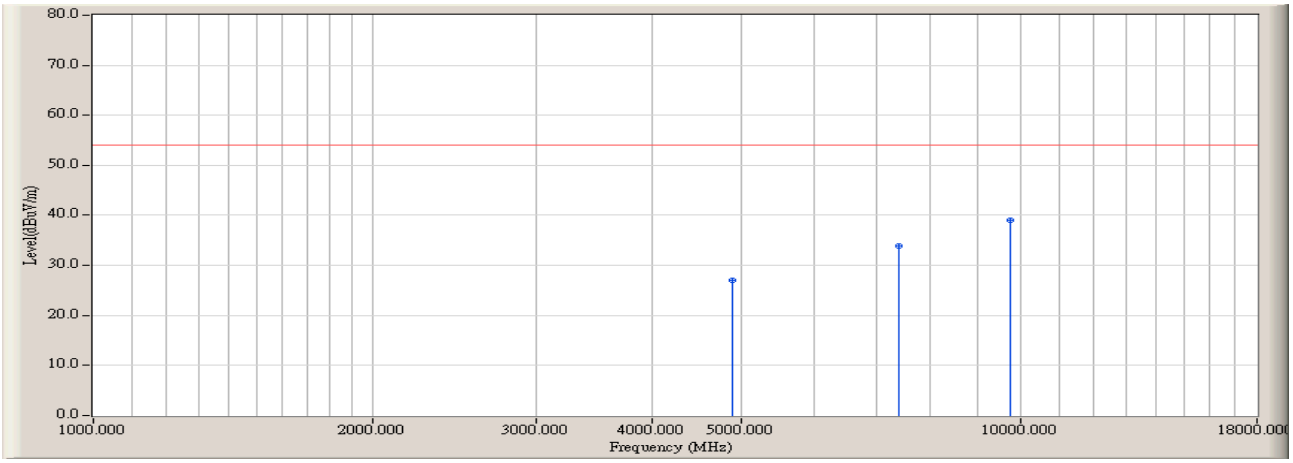


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4881.667	5.034	33.549	38.582	-35.418	74.000	PEAK
2		7403.333	15.220	30.425	45.645	-28.355	74.000	PEAK
3	*	9755.000	17.520	34.465	51.985	-22.015	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 10:57**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2437MHz)**

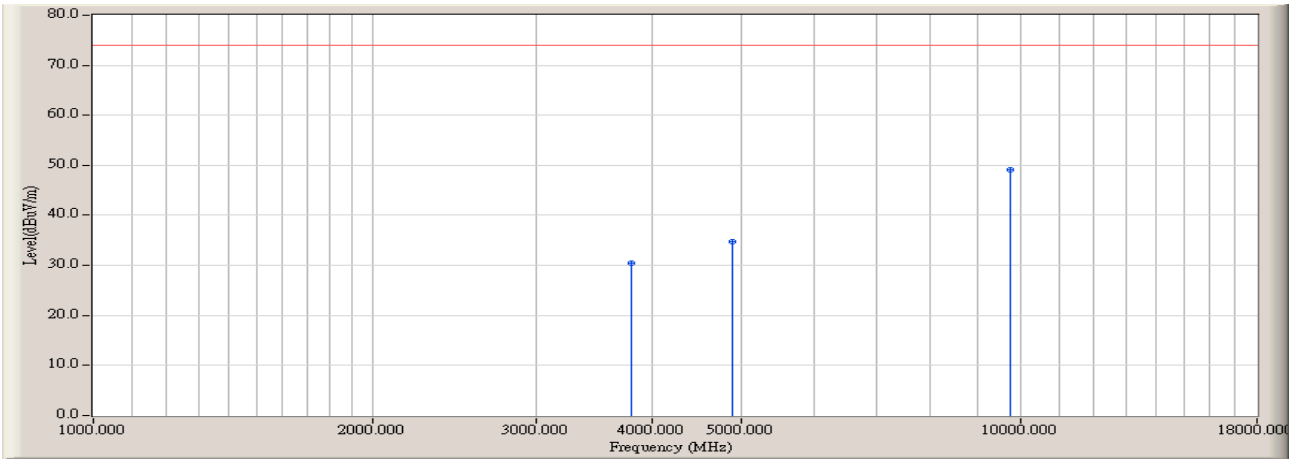


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4881.667	5.034	22.085	27.118	-26.882	54.000	AVERAGE
2		7403.333	15.220	18.630	33.850	-20.150	54.000	AVERAGE
3	*	9755.000	17.520	21.470	38.990	-15.010	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 11:00**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2437MHz)**

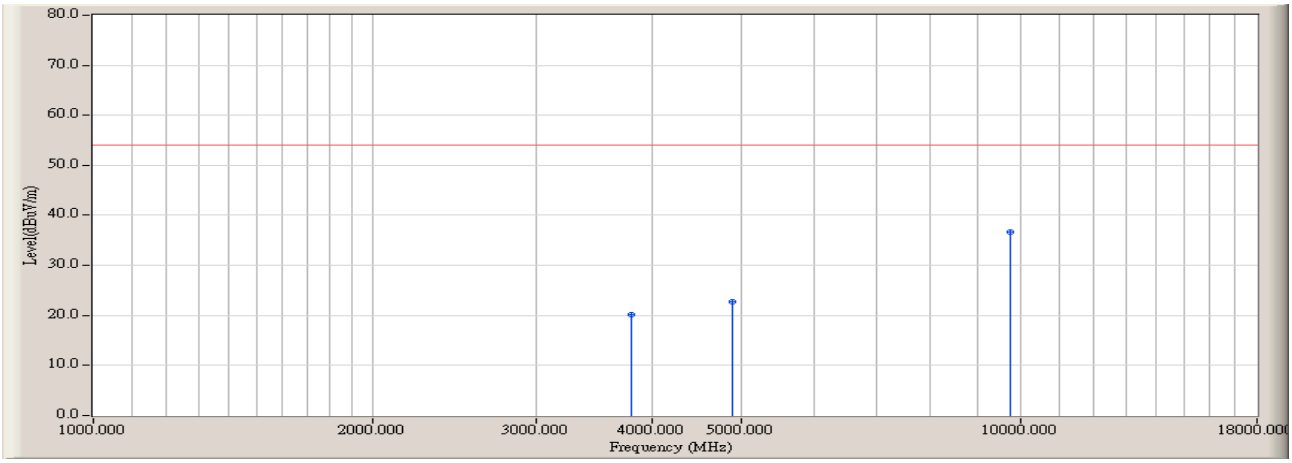


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3805.000	1.700	28.820	30.520	-43.480	74.000	PEAK
2		4881.667	5.034	29.678	34.711	-39.289	74.000	PEAK
3	*	9755.000	17.520	31.560	49.080	-24.920	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 11:00**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2437MHz)**

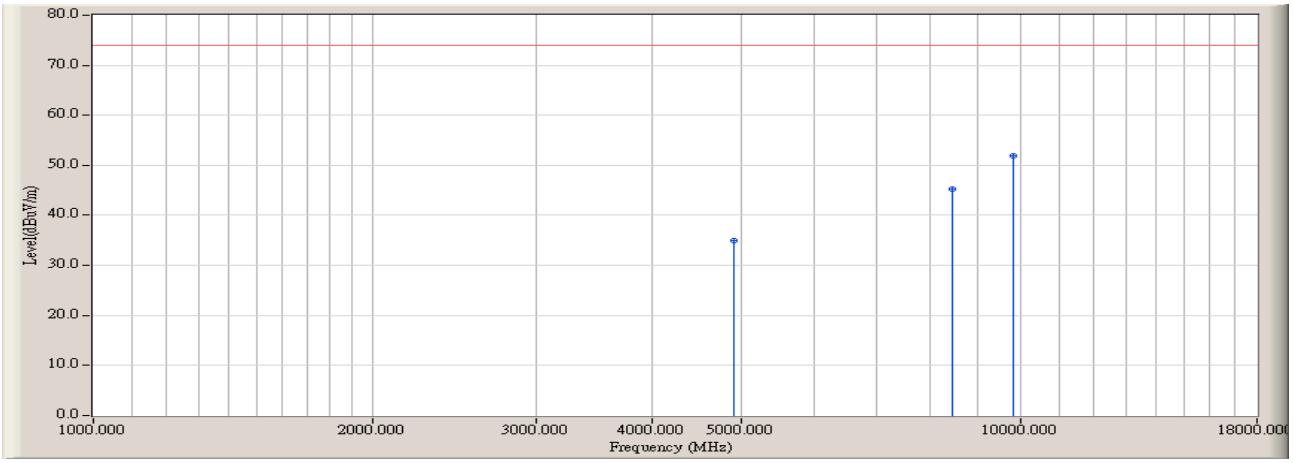


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3805.000	1.700	18.360	20.060	-33.940	54.000	AVERAGE
2		4881.667	5.034	17.640	22.673	-31.327	54.000	AVERAGE
3	*	9755.000	17.520	19.060	36.580	-17.420	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 11:03**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2462MHz)**

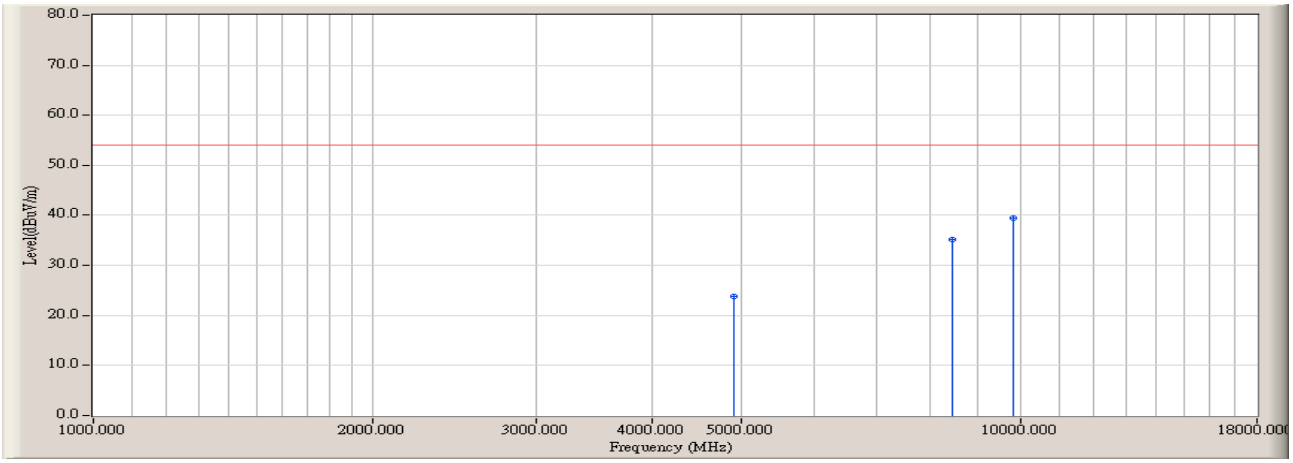


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4910.000	5.100	29.817	34.917	-39.083	74.000	PEAK
2		8451.667	14.410	30.889	45.299	-28.701	74.000	PEAK
3	*	9840.000	17.790	34.127	51.917	-22.083	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 11:03**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2462MHz)**

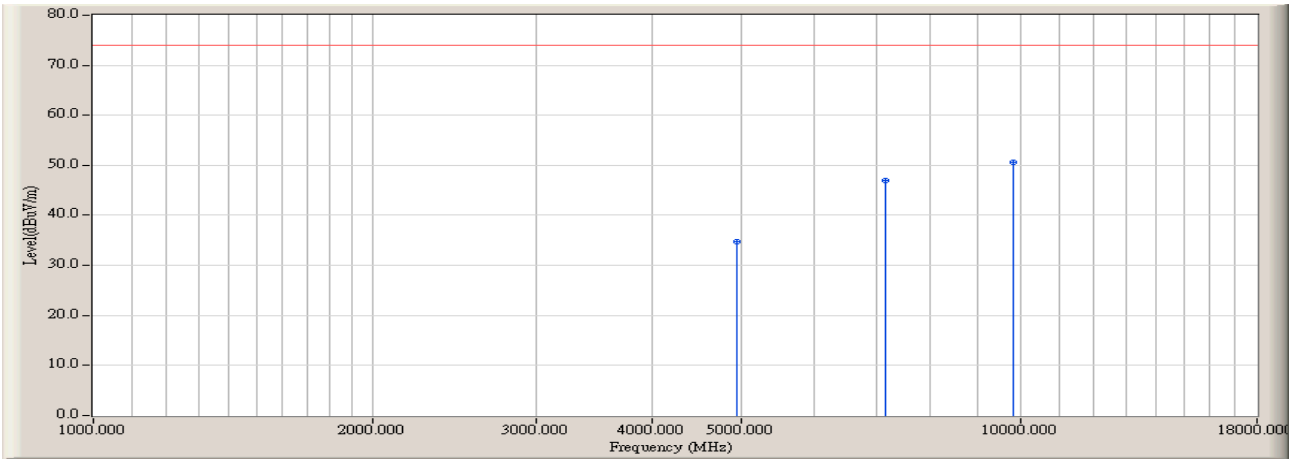


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4910.000	5.100	18.790	23.890	-30.110	54.000	AVERAGE
2		8451.667	14.410	20.850	35.260	-18.740	54.000	AVERAGE
3	*	9840.000	17.790	21.740	39.530	-14.470	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 11:11**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2462MHz)**

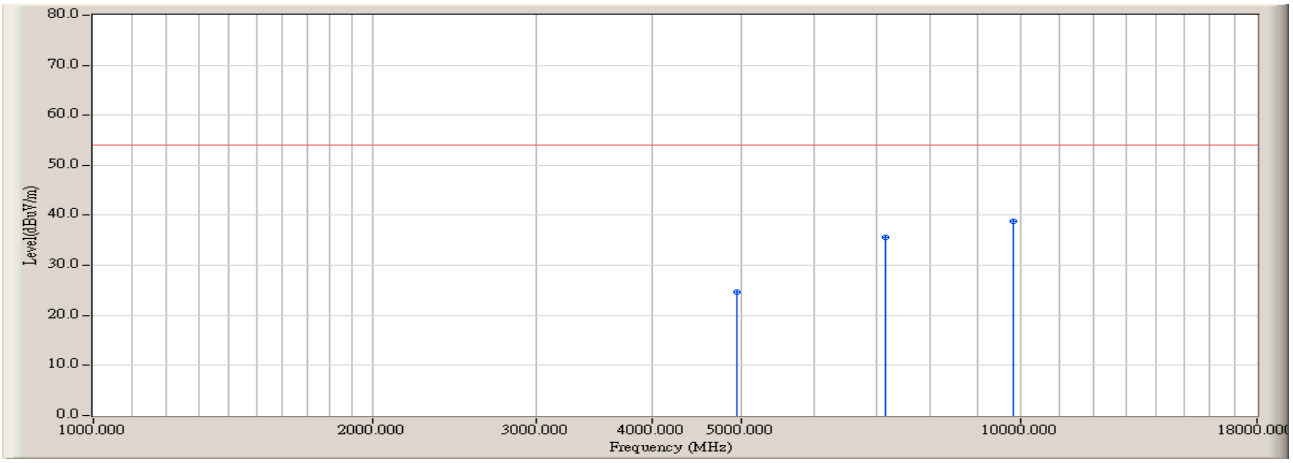


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4938.333	5.169	29.510	34.680	-39.320	74.000	PEAK
2		7148.333	15.236	31.628	46.865	-27.135	74.000	PEAK
3	*	9840.000	17.790	32.733	50.523	-23.477	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 11:11**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by 802.11b (2462MHz)**

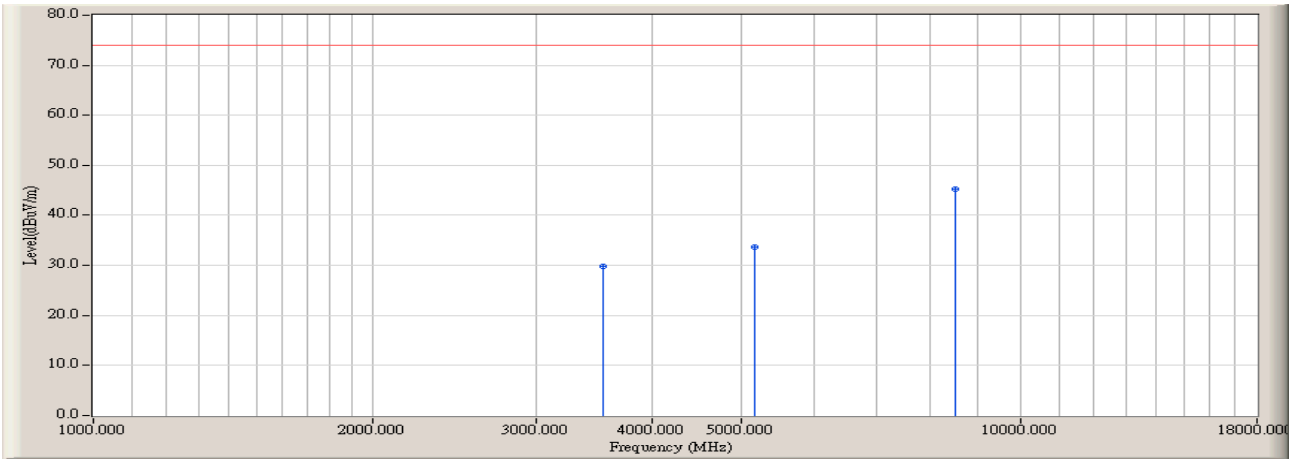


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4938.333	5.169	19.470	24.640	-29.360	54.000	AVERAGE
2		7148.333	15.236	20.470	35.707	-18.293	54.000	AVERAGE
3	*	9840.000	17.790	21.065	38.855	-15.145	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 11:42**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2412MHz)**

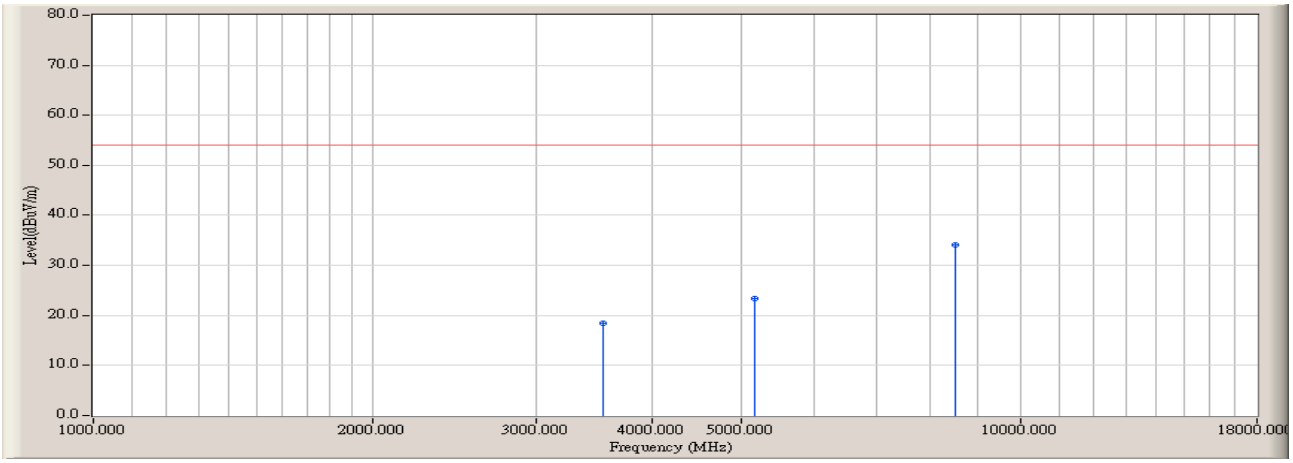


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3550.000	0.970	28.845	29.815	-44.185	74.000	PEAK
2		5165.000	5.700	28.045	33.745	-40.255	74.000	PEAK
3	*	8508.333	14.620	30.672	45.292	-28.708	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 11:42**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2412MHz)**

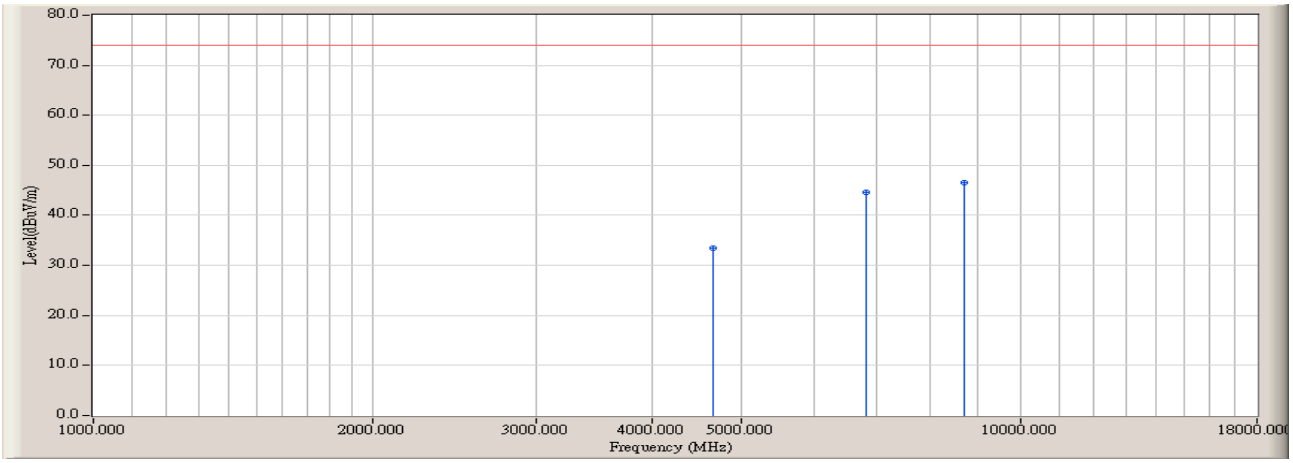


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3550.000	0.970	17.480	18.450	-35.550	54.000	AVERAGE
2		5165.000	5.700	17.630	23.330	-30.670	54.000	AVERAGE
3	*	8508.333	14.620	19.470	34.090	-19.910	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 11:44**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2412MHz)**

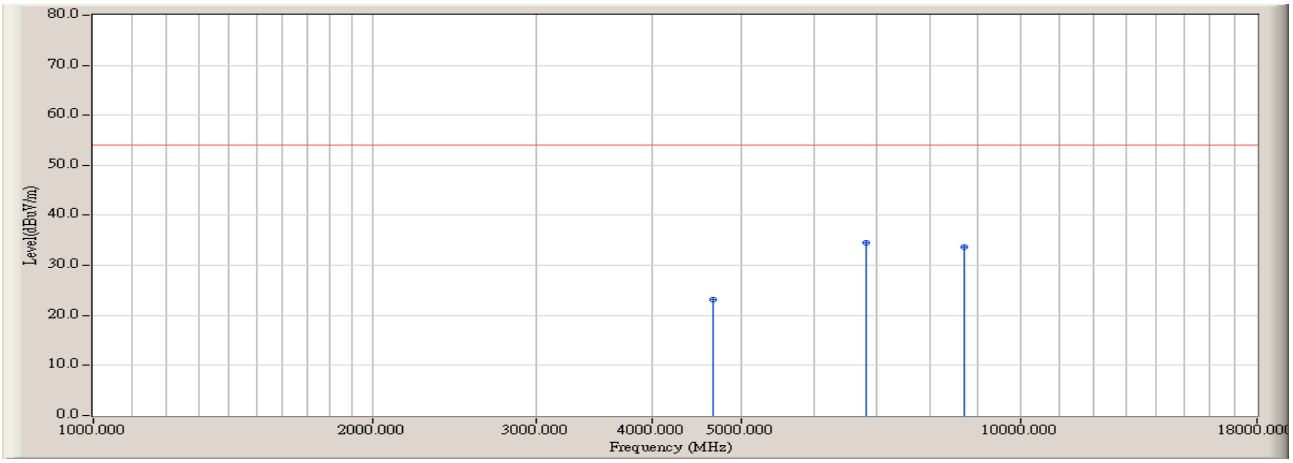


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4655.000	4.340	29.122	33.462	-40.538	74.000	PEAK
2		6808.333	14.093	30.582	44.675	-29.325	74.000	PEAK
3	*	8706.667	15.307	31.128	46.435	-27.565	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 11:44**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2412MHz)**

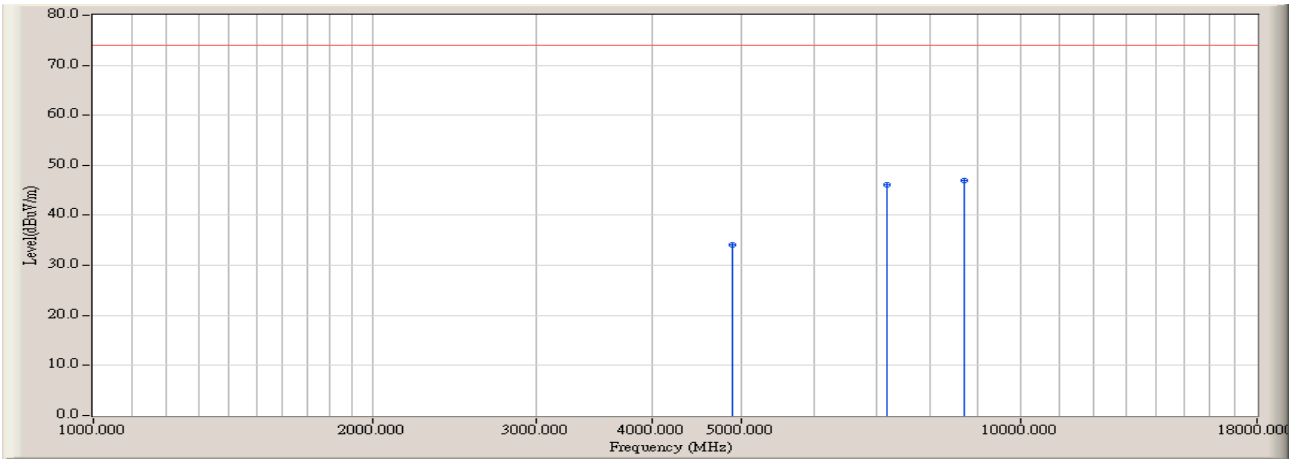


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4655.000	4.340	18.760	23.100	-30.900	54.000	AVERAGE
2	*	6808.333	14.093	20.470	34.563	-19.437	54.000	AVERAGE
3		8706.667	15.307	18.470	33.777	-20.223	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 12:28**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2437MHz)**

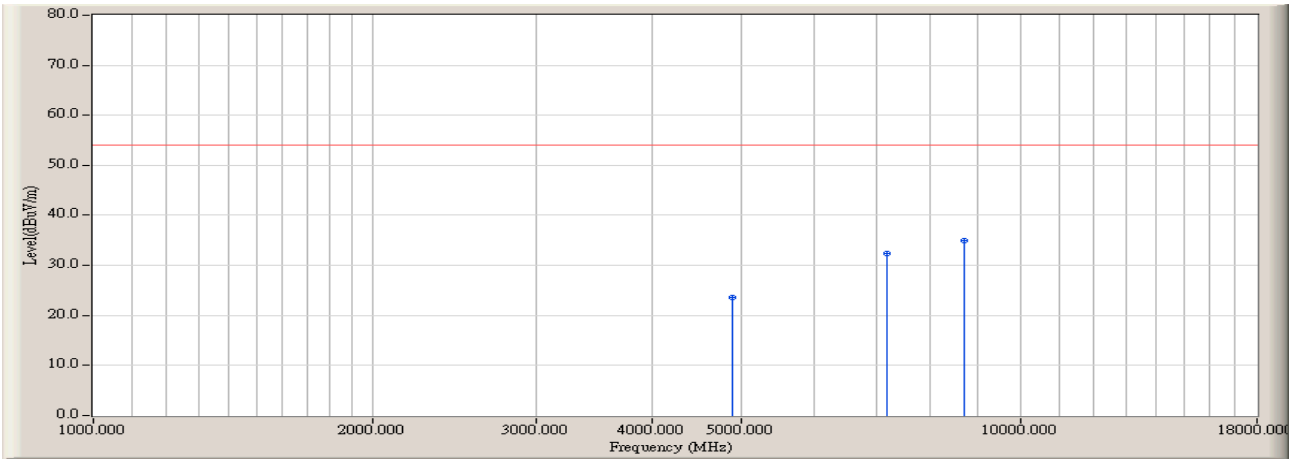


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4881.667	5.034	29.086	34.119	-39.881	74.000	PEAK
2		7176.667	15.347	30.758	46.105	-27.895	74.000	PEAK
3	*	8706.667	15.307	31.723	47.030	-26.970	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 12:28**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2437MHz)**

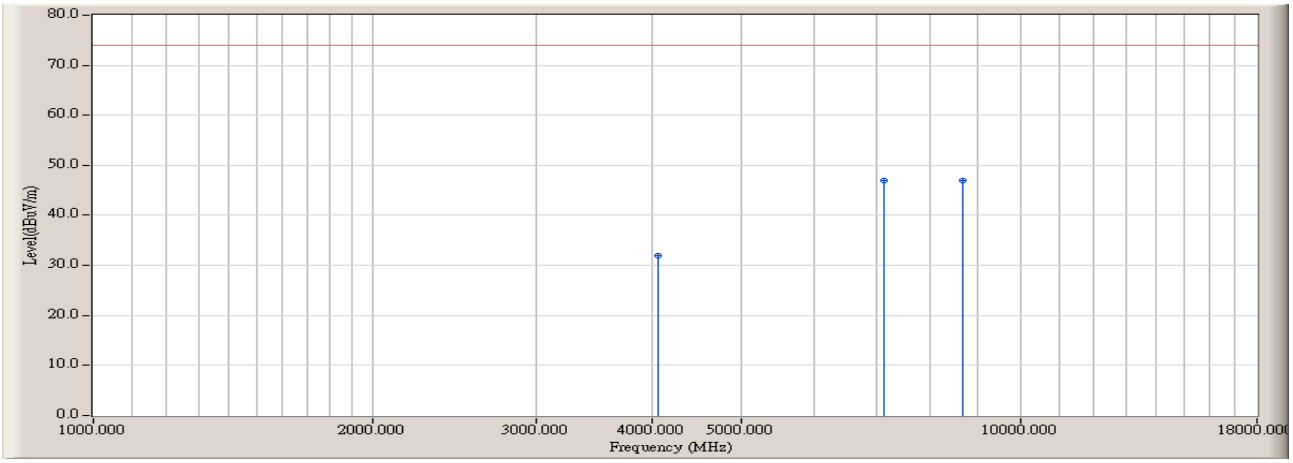


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4881.667	5.034	18.620	23.653	-30.347	54.000	AVERAGE
2		7176.667	15.347	17.000	32.347	-21.653	54.000	AVERAGE
3	*	8706.667	15.307	19.760	35.067	-18.933	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 12:58**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2437MHz)**

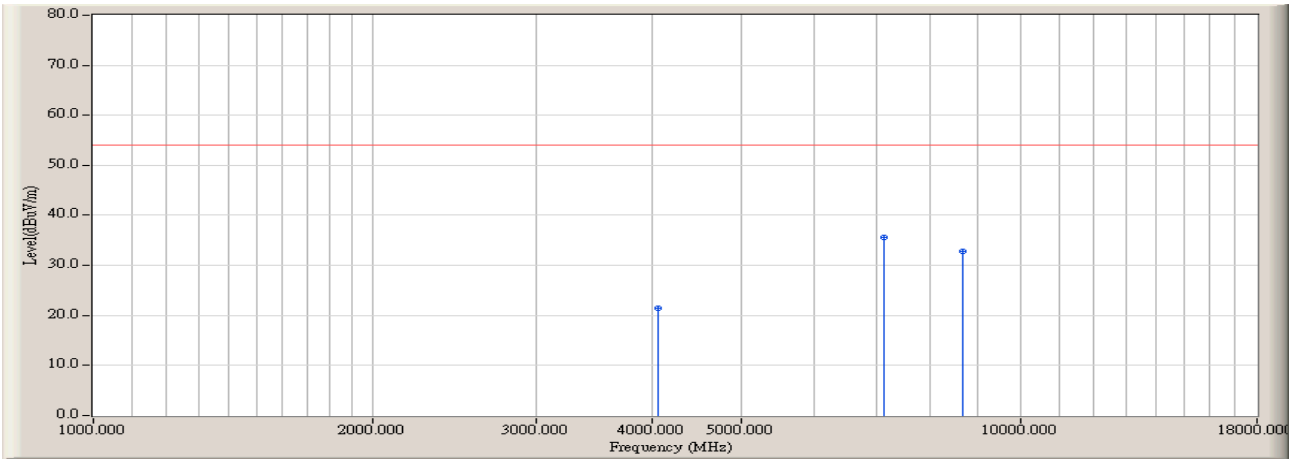


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4060.000	2.910	29.093	32.003	-41.997	74.000	PEAK
2		7120.000	15.120	31.860	46.980	-27.020	74.000	PEAK
3	*	8678.333	15.223	31.799	47.022	-26.978	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 12:58**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2437MHz)**

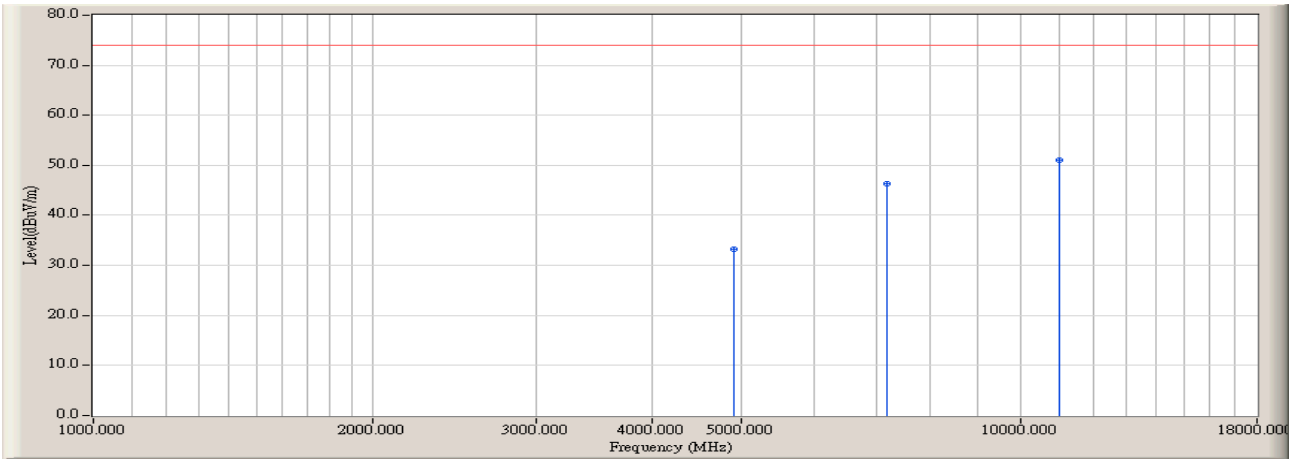


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4060.000	2.910	18.470	21.380	-32.620	54.000	AVERAGE
2	*	7120.000	15.120	20.470	35.590	-18.410	54.000	AVERAGE
3		8678.333	15.223	17.640	32.863	-21.137	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 13:03**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2462MHz)**

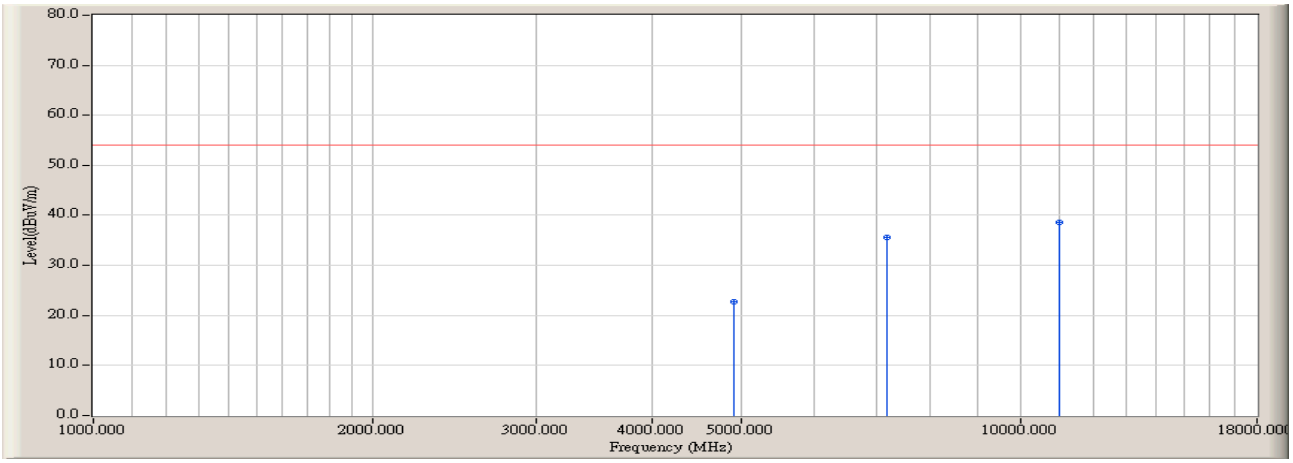


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4910.000	5.100	28.136	33.236	-40.764	74.000	PEAK
2		7176.667	15.347	30.984	46.331	-27.669	74.000	PEAK
3	*	11030.000	20.200	30.819	51.019	-22.981	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 13:03**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2462MHz)**

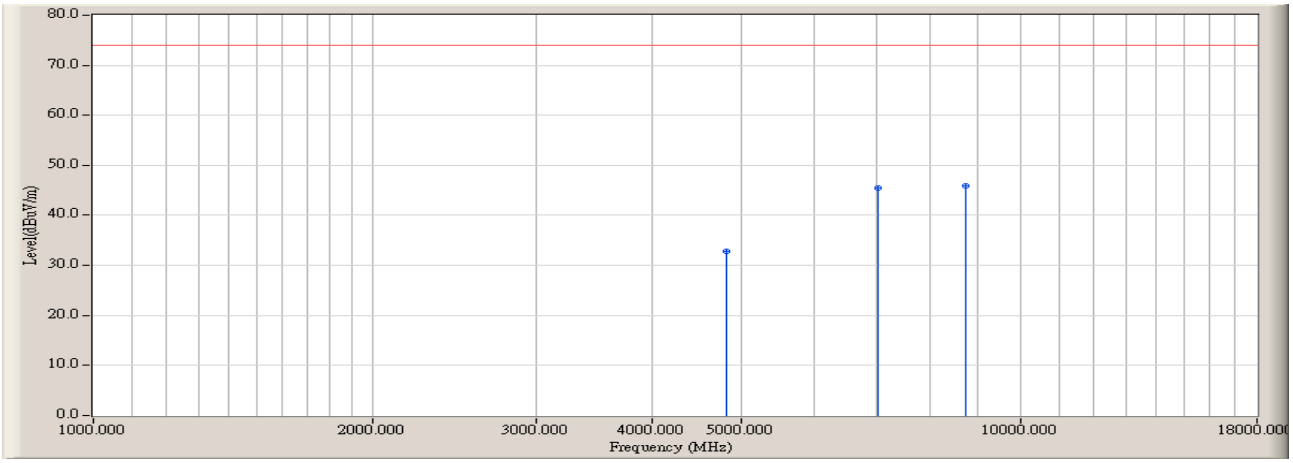


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4910.000	5.100	17.630	22.730	-31.270	54.000	AVERAGE
2		7176.667	15.347	20.350	35.697	-18.303	54.000	AVERAGE
3	*	11030.000	20.200	18.470	38.670	-15.330	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 13:05**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2462MHz)**

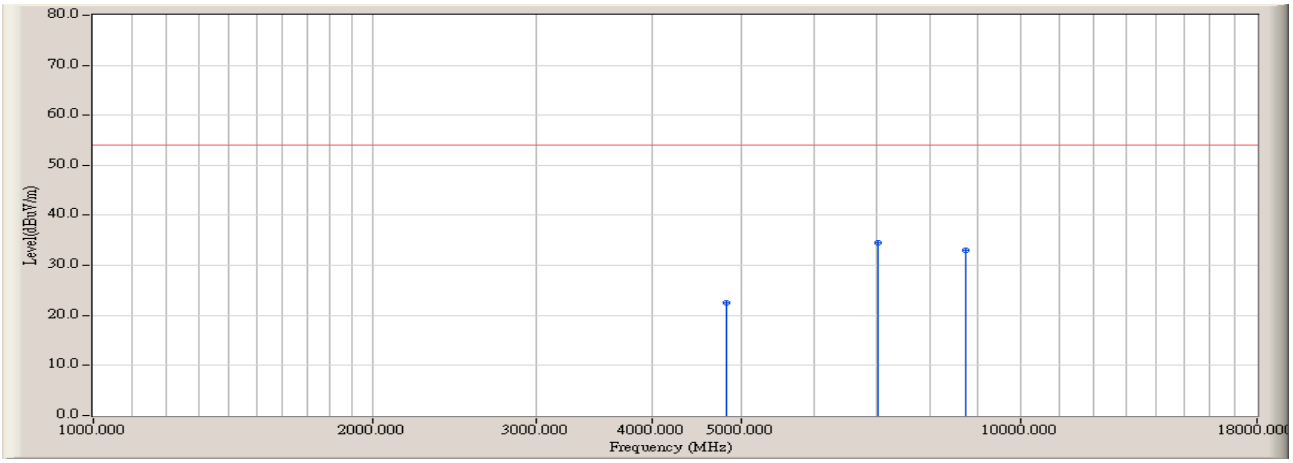


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4825.000	4.900	27.834	32.734	-41.266	74.000	PEAK
2		7035.000	14.790	30.775	45.565	-28.435	74.000	PEAK
3	*	8735.000	15.400	30.526	45.926	-28.074	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-3(Spurious Emission)	**Time : 2007/06/24 - 13:05**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by 802.11g (2462MHz)**

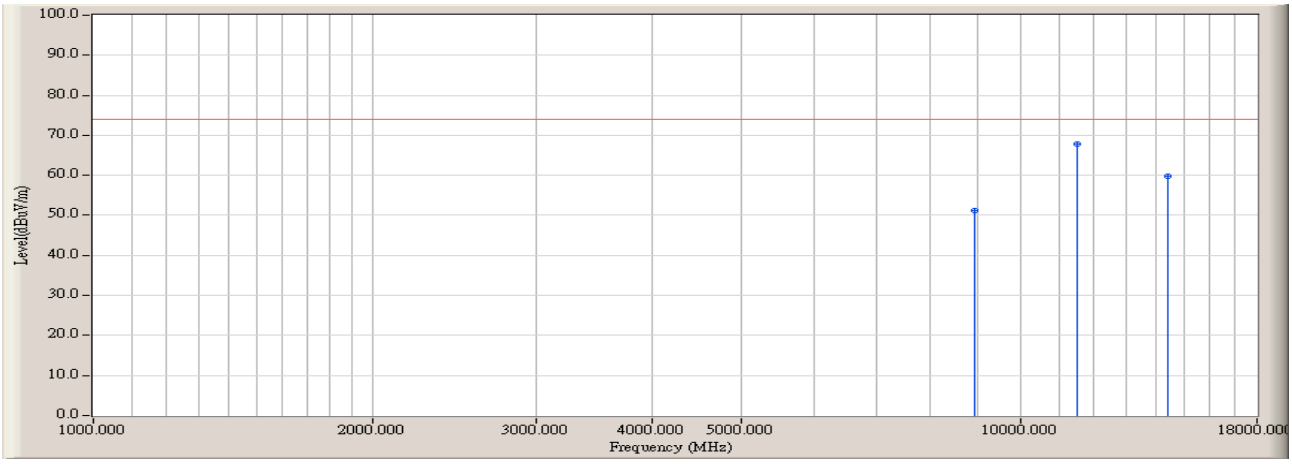


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4825.000	4.900	17.650	22.550	-31.450	54.000	AVERAGE
2	*	7035.000	14.790	19.760	34.550	-19.450	54.000	AVERAGE
3		8735.000	15.400	17.630	33.030	-20.970	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 16:25**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5760MHz)**

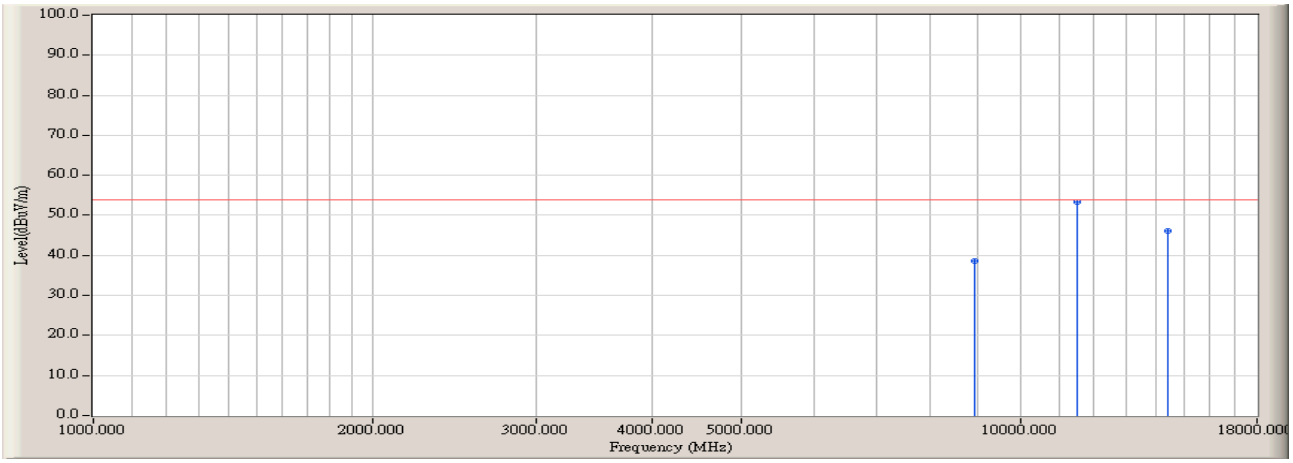


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8933.333	15.716	35.449	51.166	-22.834	74.000	PEAK
2	*	11511.667	19.507	48.451	67.958	-6.042	74.000	PEAK
3		14401.667	25.893	33.935	59.828	-14.172	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 16:25**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5760MHz)**

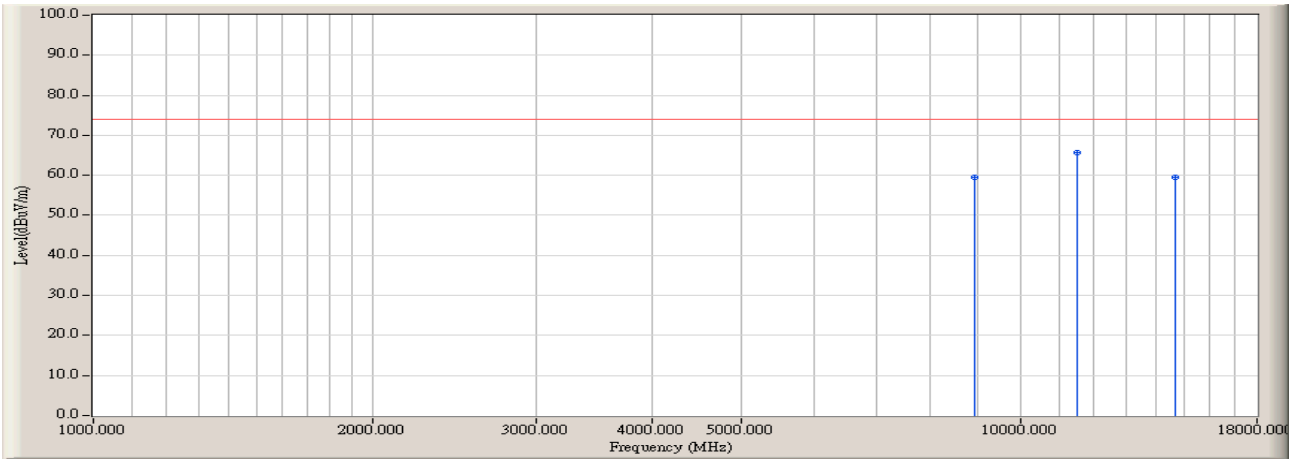


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8933.333	15.716	22.793	38.510	-15.490	54.000	AVERAGE
2	*	11511.667	19.507	33.753	53.260	-0.740	54.000	AVERAGE
3		14401.667	25.893	20.337	46.230	-7.770	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 16:28**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5760MHz)**

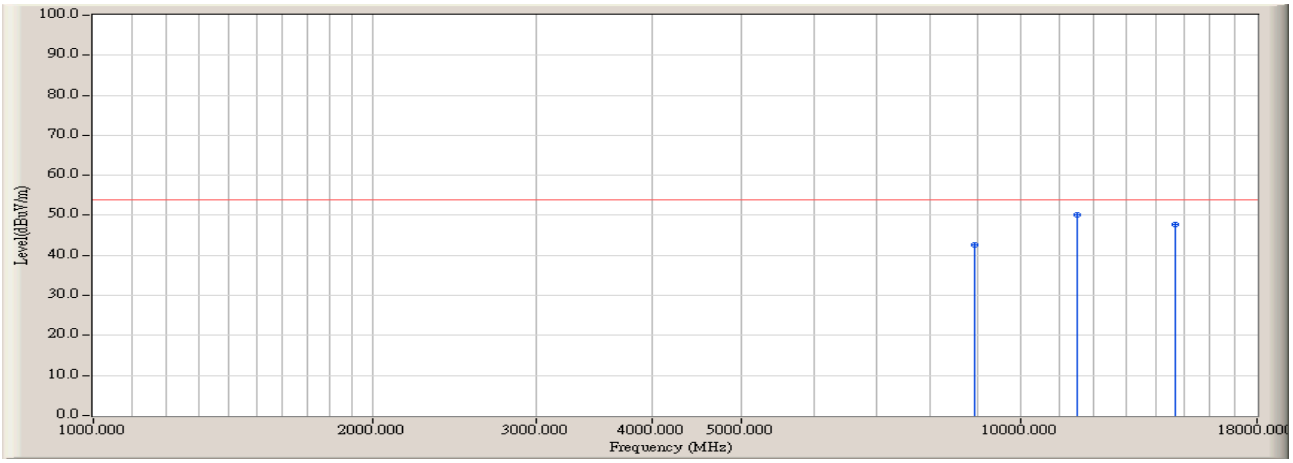


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8933.333	15.716	43.755	59.472	-14.528	74.000	PEAK
2	*	11511.667	19.507	46.134	65.641	-8.359	74.000	PEAK
3		14685.000	25.950	33.651	59.601	-14.399	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 16:28**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5760MHz)**

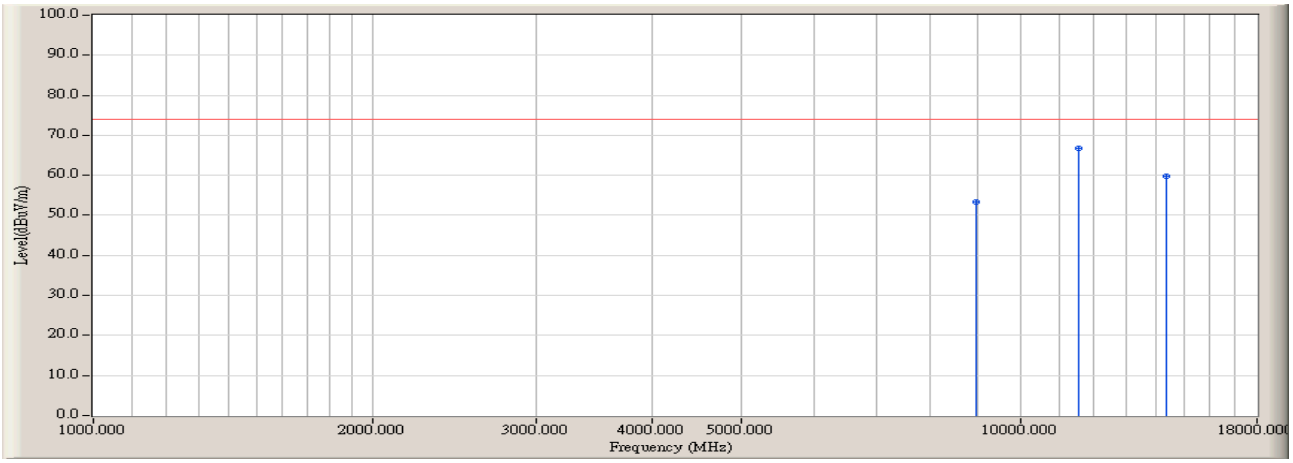


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8933.333	15.716	26.960	42.677	-11.323	54.000	AVERAGE
2	*	11511.667	19.507	30.660	50.167	-3.833	54.000	AVERAGE
3		14685.000	25.950	21.670	47.620	-6.380	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 16:32**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5800MHz)**

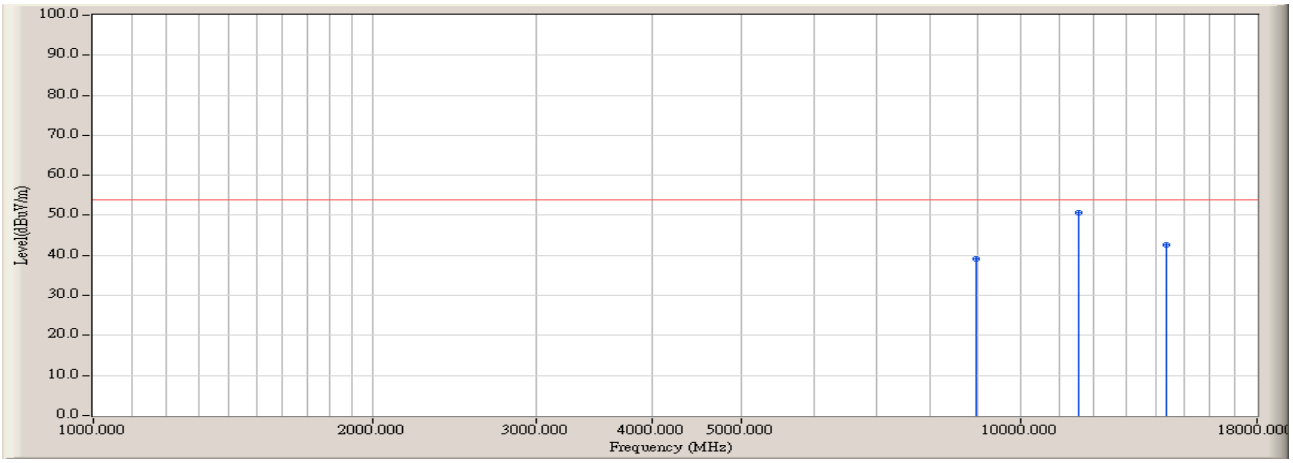


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8961.667	15.734	37.556	53.289	-20.711	74.000	PEAK
2	*	11568.333	19.431	47.268	66.698	-7.302	74.000	PEAK
3		14345.000	25.740	34.096	59.836	-14.164	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 16:32**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5800MHz)**

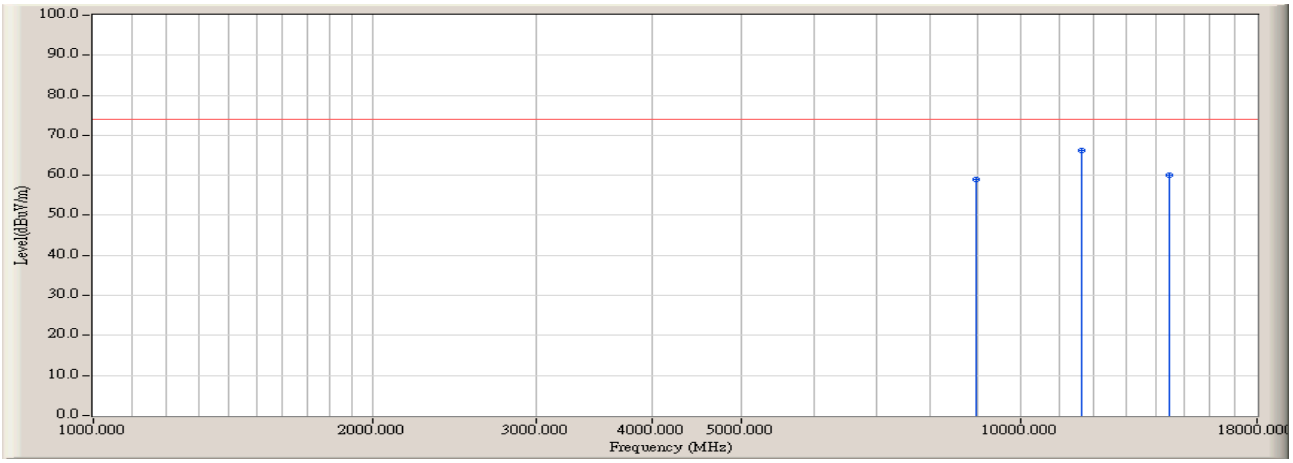


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8961.667	15.734	23.517	39.250	-14.750	54.000	AVERAGE
2	*	11568.333	19.431	31.310	50.740	-3.260	54.000	AVERAGE
3		14345.000	25.740	17.020	42.760	-11.240	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 16:48**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5800MHz)**

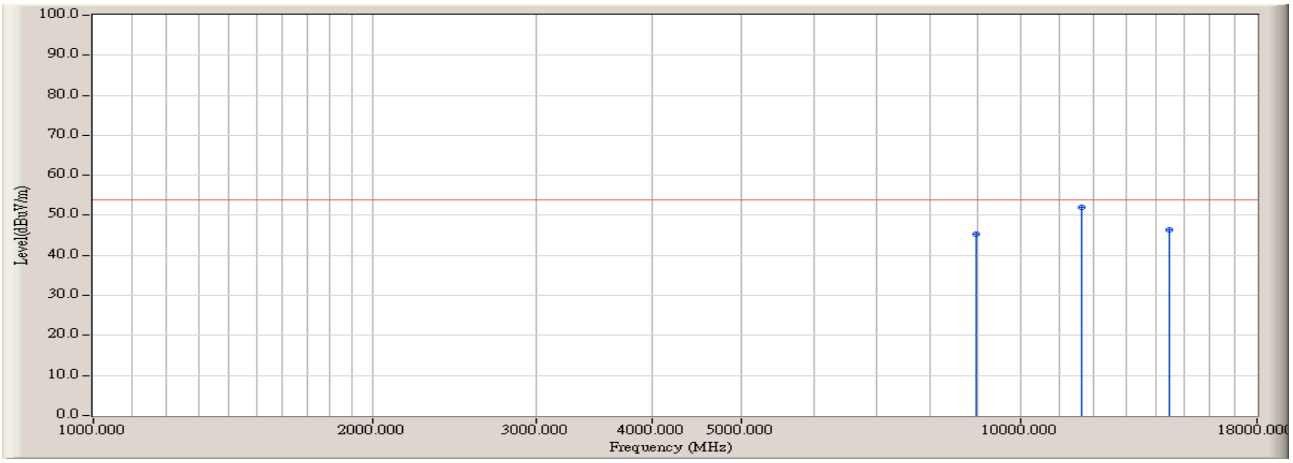


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8961.667	15.734	43.143	58.876	-15.124	74.000	PEAK
2	*	11625.000	19.350	46.985	66.335	-7.665	74.000	PEAK
3		14458.333	26.043	33.913	59.956	-14.044	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 16:48**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5800MHz)**

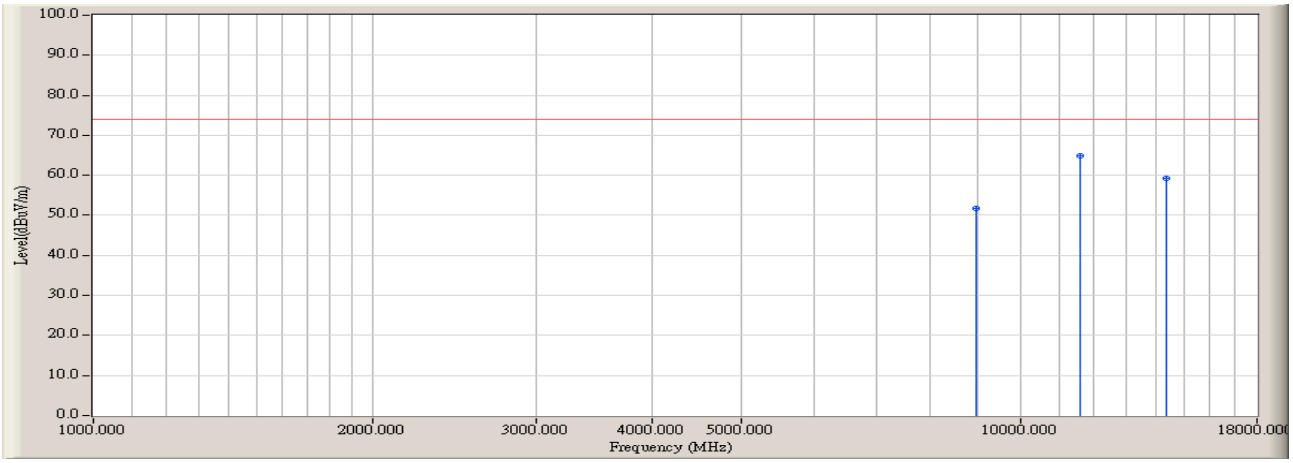


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8961.667	15.734	29.527	45.260	-8.740	54.000	AVERAGE
2	*	11625.000	19.350	32.710	52.060	-1.940	54.000	AVERAGE
3		14458.333	26.043	20.337	46.380	-7.620	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 16:52**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5800MHz)**

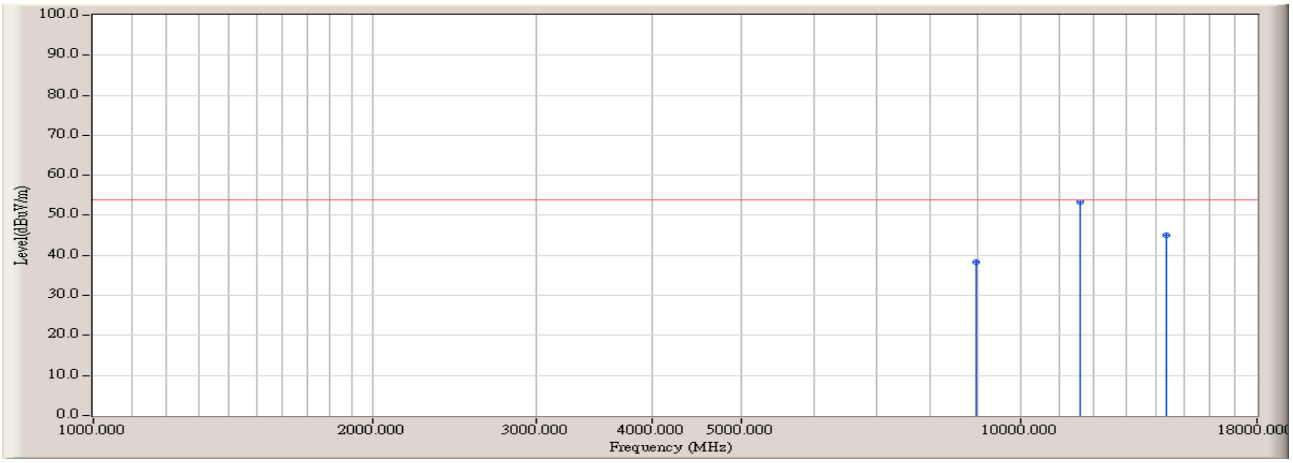


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8961.667	15.734	35.925	51.658	-22.342	74.000	PEAK
2	*	11596.667	19.393	45.368	64.761	-9.239	74.000	PEAK
3		14373.333	25.817	33.556	59.373	-14.627	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 16:52**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5820MHz)**

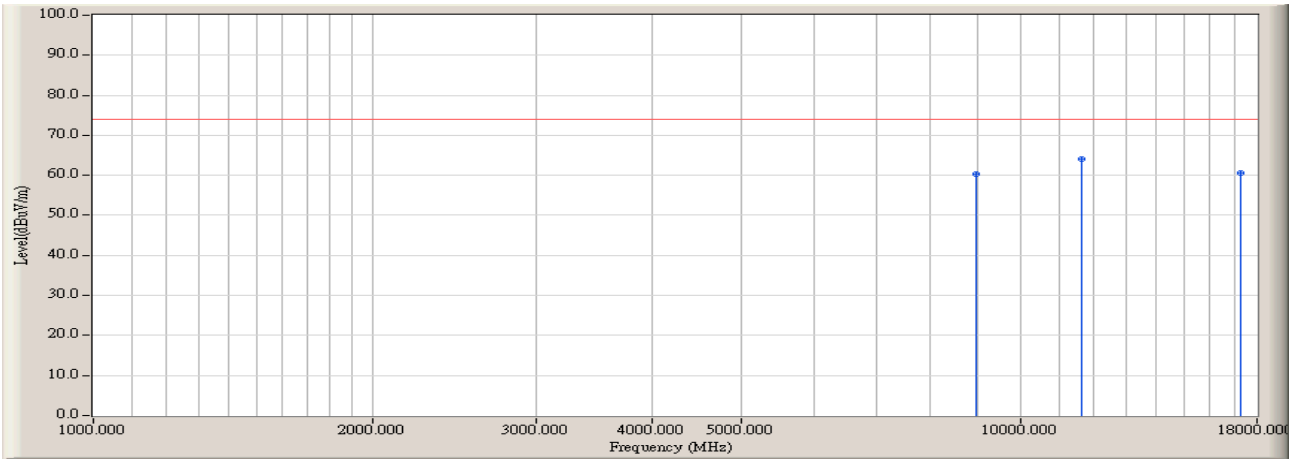


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8961.667	15.734	22.517	38.250	-15.750	54.000	AVERAGE
2	*	11596.667	19.393	33.827	53.220	-0.780	54.000	AVERAGE
3		14373.333	25.817	19.346	45.163	-8.837	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 16:56**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5820MHz)**

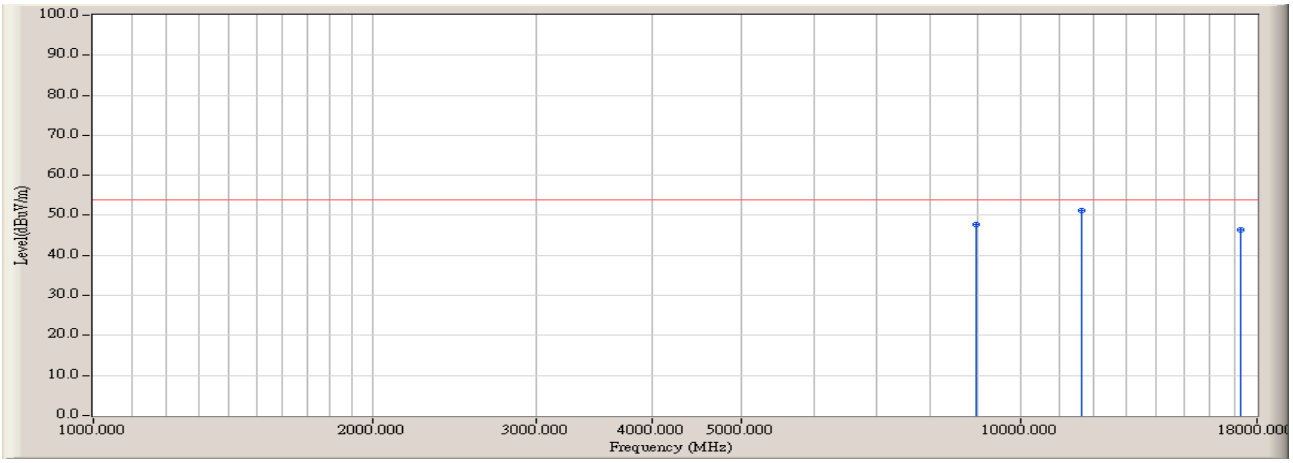


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8961.667	15.734	44.582	60.315	-13.685	74.000	PEAK
2	*	11625.000	19.350	44.835	64.185	-9.815	74.000	PEAK
3		17263.333	29.037	31.517	60.554	-13.446	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 16:56**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Transmit by Super 802.11a (5820MHz)**

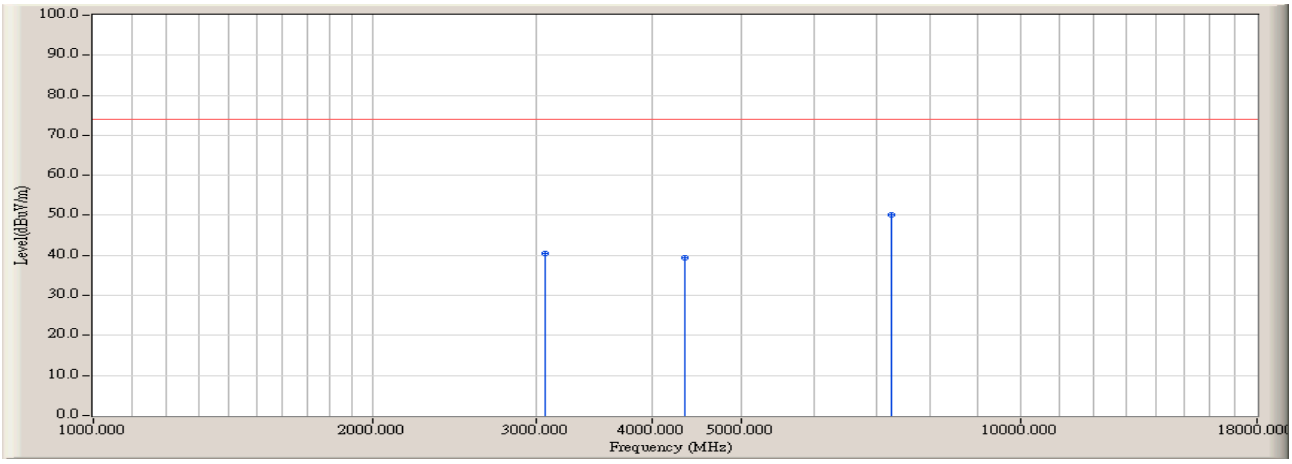


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8961.667	15.734	31.917	47.650	-6.350	54.000	AVERAGE
2	*	11625.000	19.350	31.910	51.260	-2.740	54.000	AVERAGE
3		17263.333	29.037	17.233	46.270	-7.730	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 17:10**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2422MHz)**

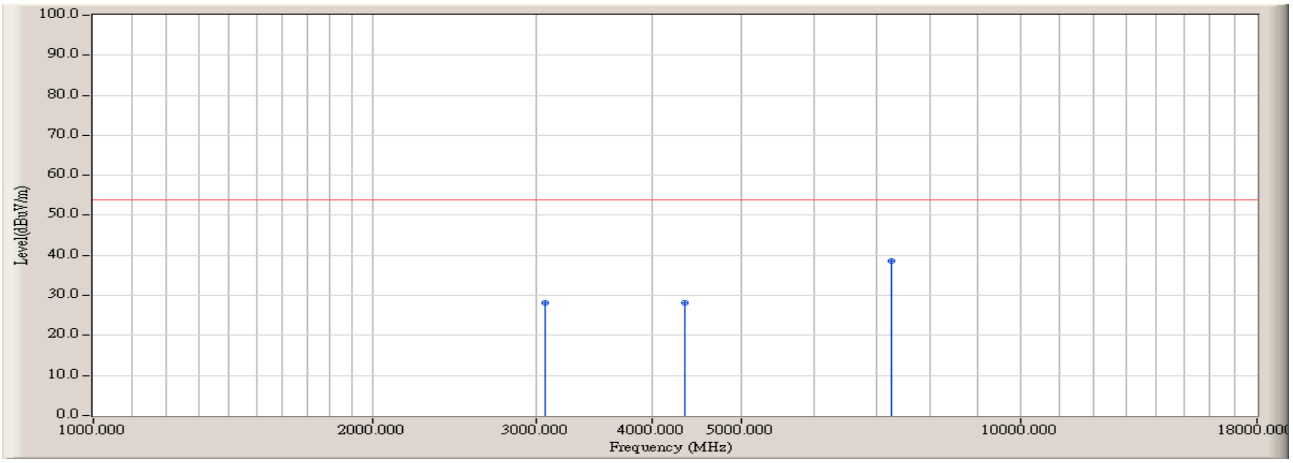


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3068.333	-0.297	40.751	40.454	-33.546	74.000	PEAK
2		4343.333	3.470	35.929	39.399	-34.601	74.000	PEAK
3	*	7261.667	15.374	34.630	50.003	-23.997	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 17:10**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2422MHz)**

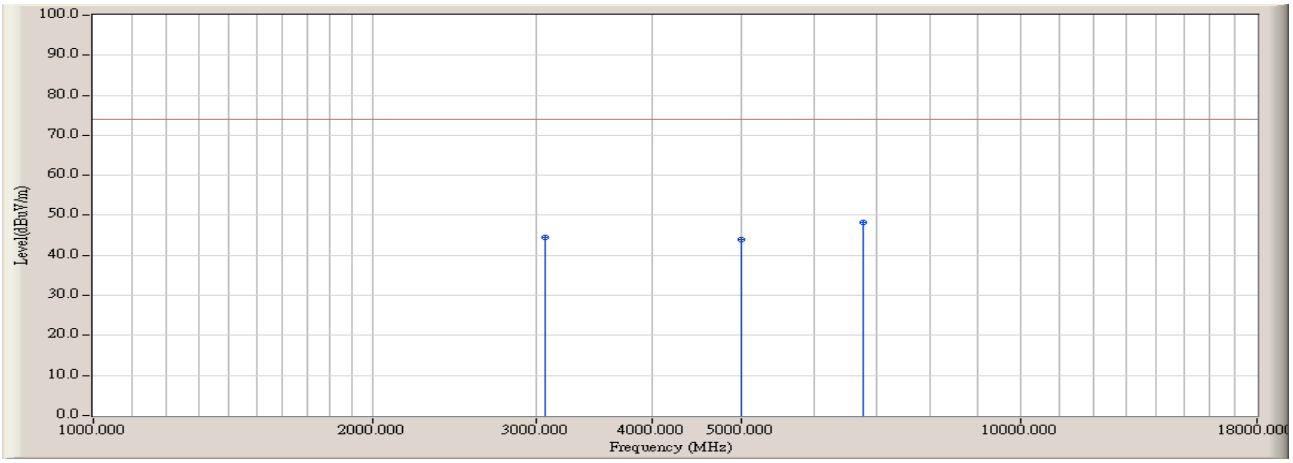


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3068.333	-0.297	28.453	28.156	-25.844	54.000	AVERAGE
2		4343.333	3.470	24.677	28.147	-25.853	54.000	AVERAGE
3	*	7261.667	15.374	23.197	38.570	-15.430	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 17:14**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2422MHz)**

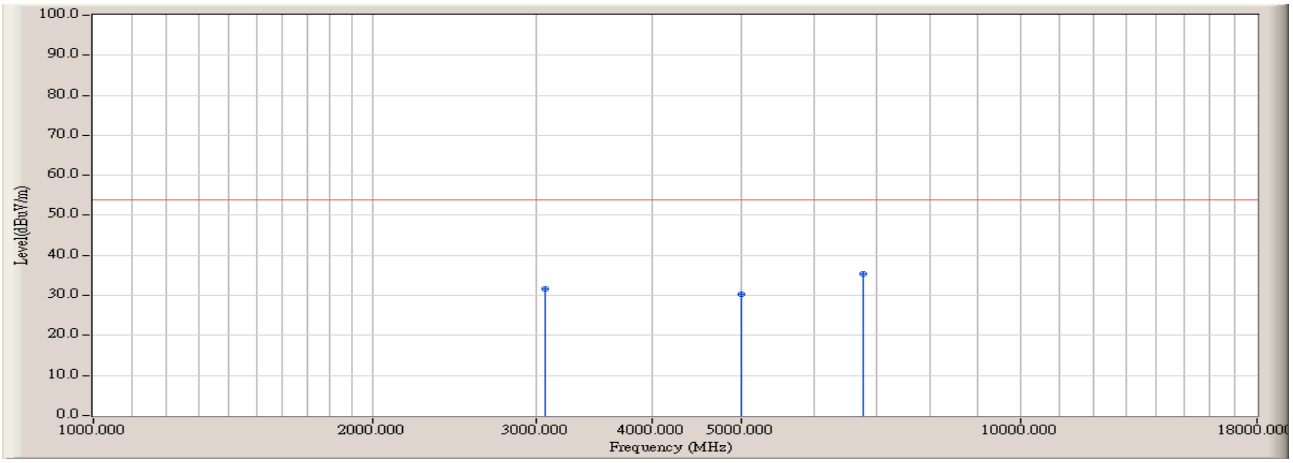


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3068.333	-0.297	44.754	44.457	-29.543	74.000	PEAK
2		4995.000	5.290	38.594	43.884	-30.116	74.000	PEAK
3	*	6780.000	13.890	34.334	48.224	-25.776	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 17:14**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2422MHz)**

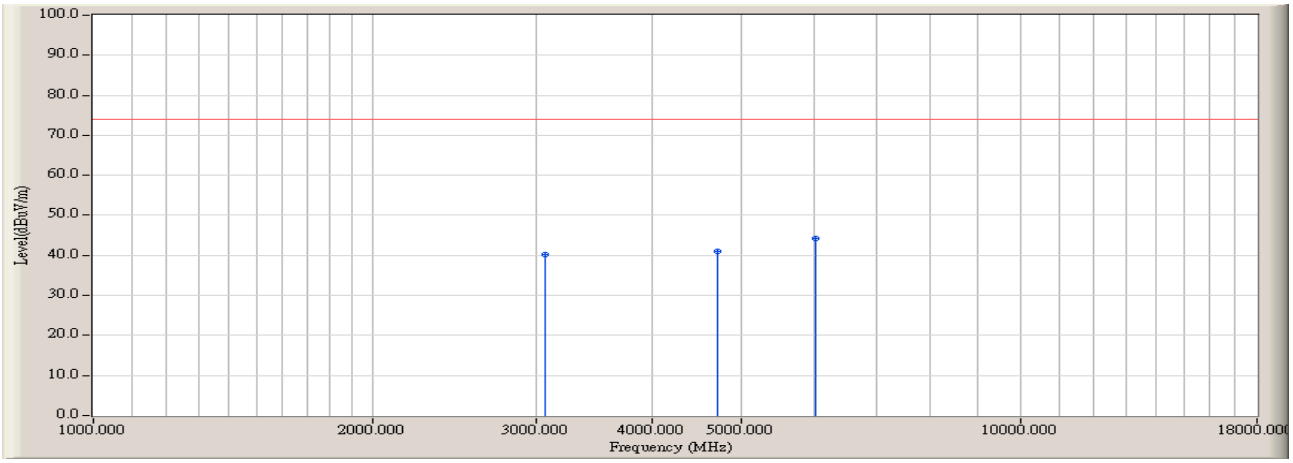


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3068.333	-0.297	31.947	31.650	-22.350	54.000	AVERAGE
2		4995.000	5.290	24.970	30.260	-23.740	54.000	AVERAGE
3	*	6780.000	13.890	21.370	35.260	-18.740	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 17:18**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2442MHz)**

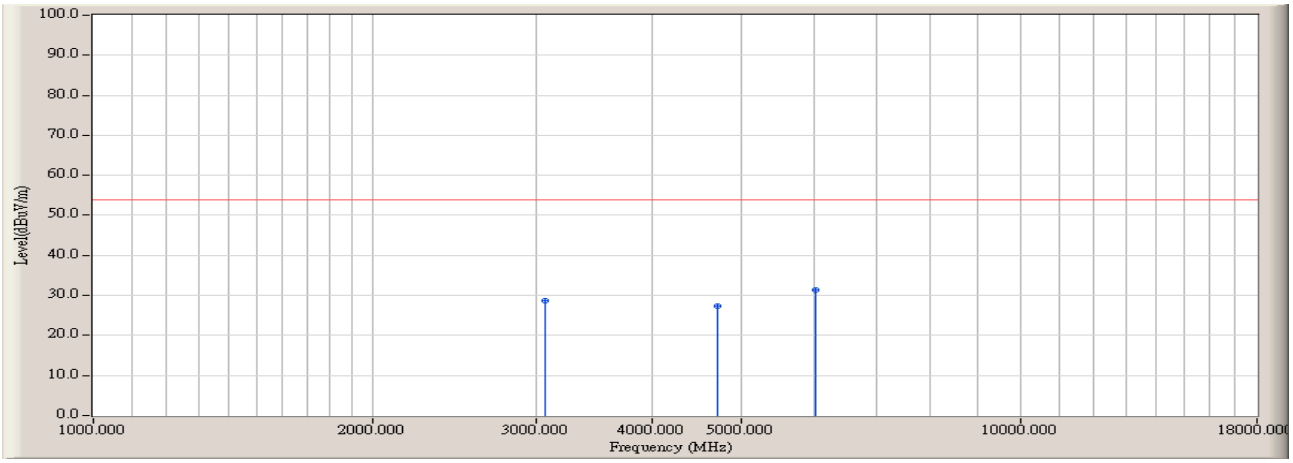


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3068.333	-0.297	40.383	40.086	-33.914	74.000	PEAK
2		4711.667	4.580	36.334	40.914	-33.086	74.000	PEAK
3	*	6015.000	8.610	35.617	44.227	-29.773	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 17:18**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2442MHz)**

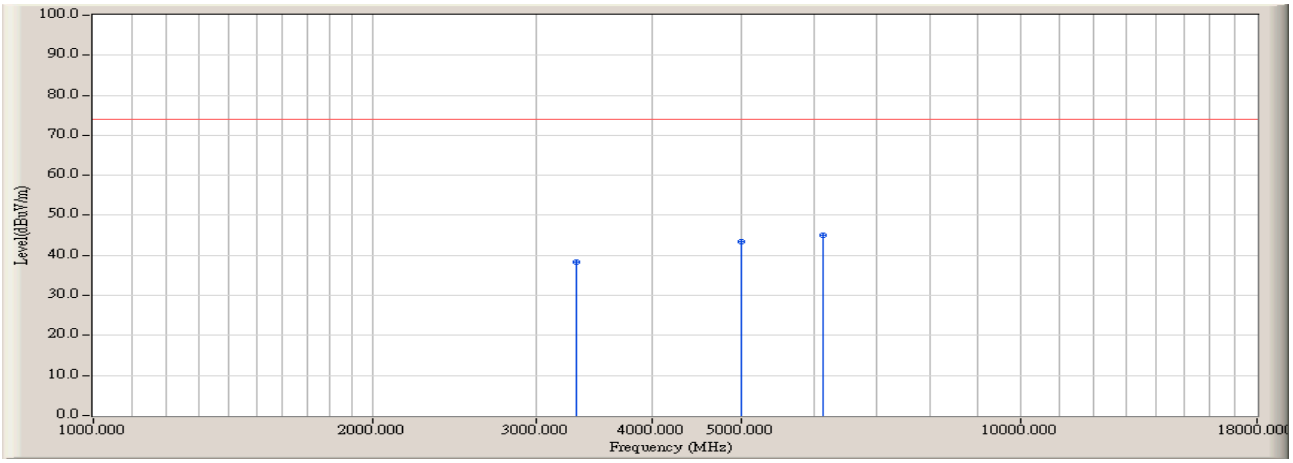


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3068.333	-0.297	28.887	28.590	-25.410	54.000	AVERAGE
2		4711.667	4.580	22.680	27.260	-26.740	54.000	AVERAGE
3	*	6015.000	8.610	22.880	31.490	-22.510	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 17:20**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2442MHz)**

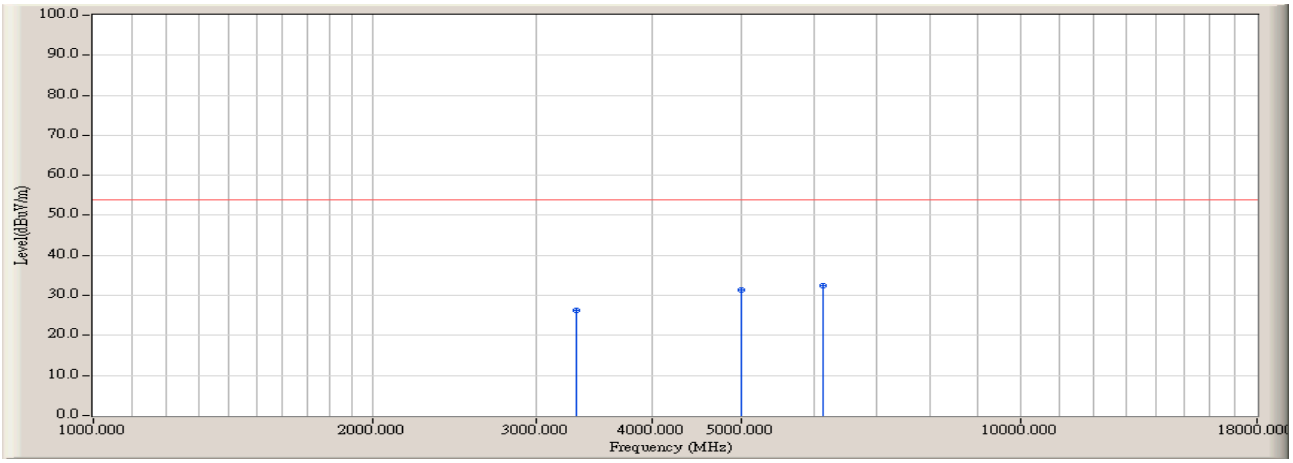


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3323.333	-0.303	38.758	38.455	-35.545	74.000	PEAK
2		4995.000	5.290	38.150	43.440	-30.560	74.000	PEAK
3	*	6128.333	9.287	35.800	45.087	-28.913	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 17:20**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2442MHz)**

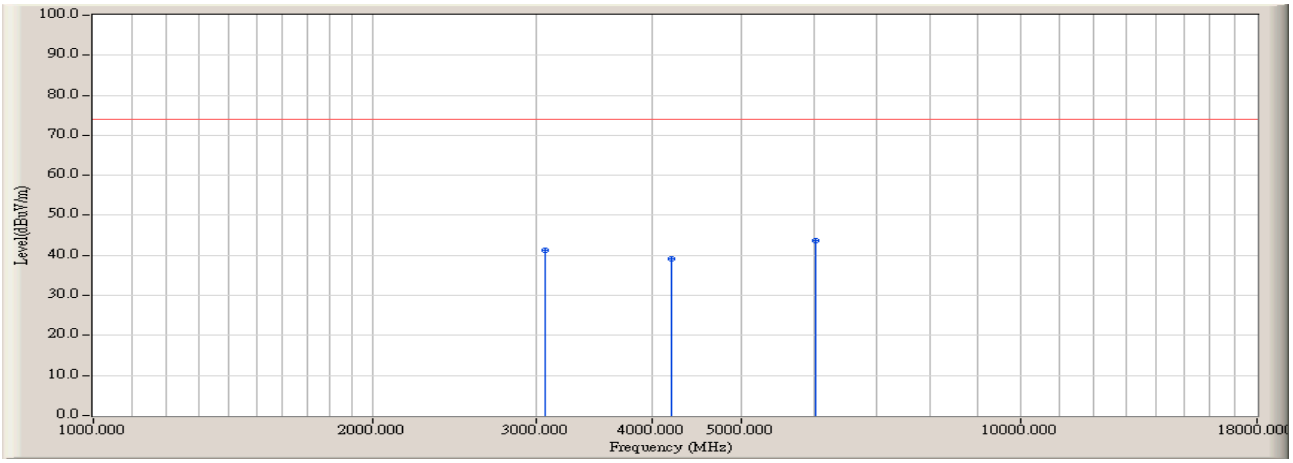


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3323.333	-0.303	26.453	26.150	-27.850	54.000	AVERAGE
2		4995.000	5.290	26.180	31.470	-22.530	54.000	AVERAGE
3	*	6128.333	9.287	23.173	32.460	-21.540	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 17:24**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2462MHz)**

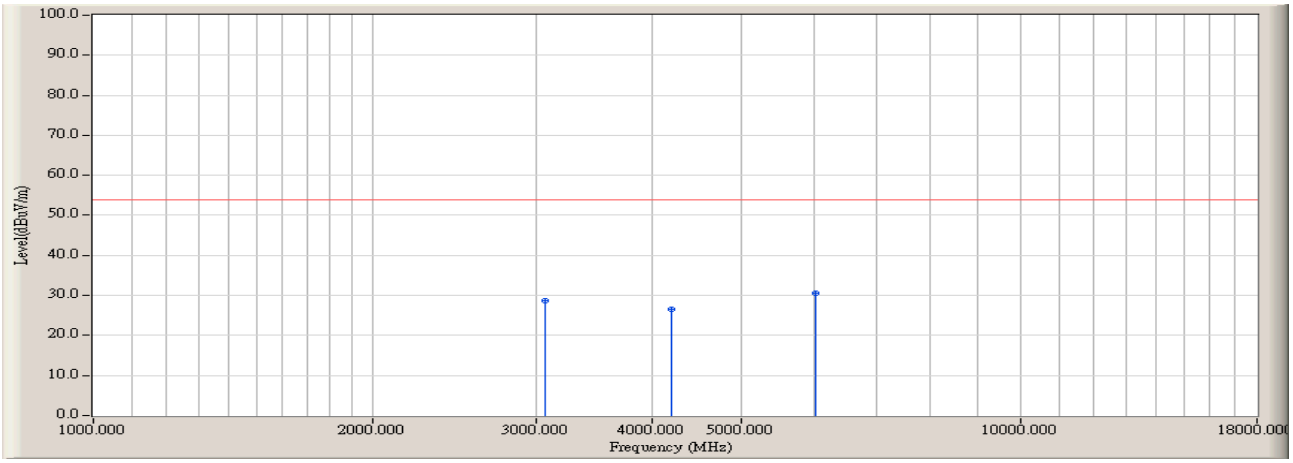


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3068.333	-0.297	41.692	41.395	-32.605	74.000	PEAK
2		4201.667	3.024	36.196	39.219	-34.781	74.000	PEAK
3	*	6015.000	8.610	35.163	43.773	-30.227	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 17:24**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2462MHz)**

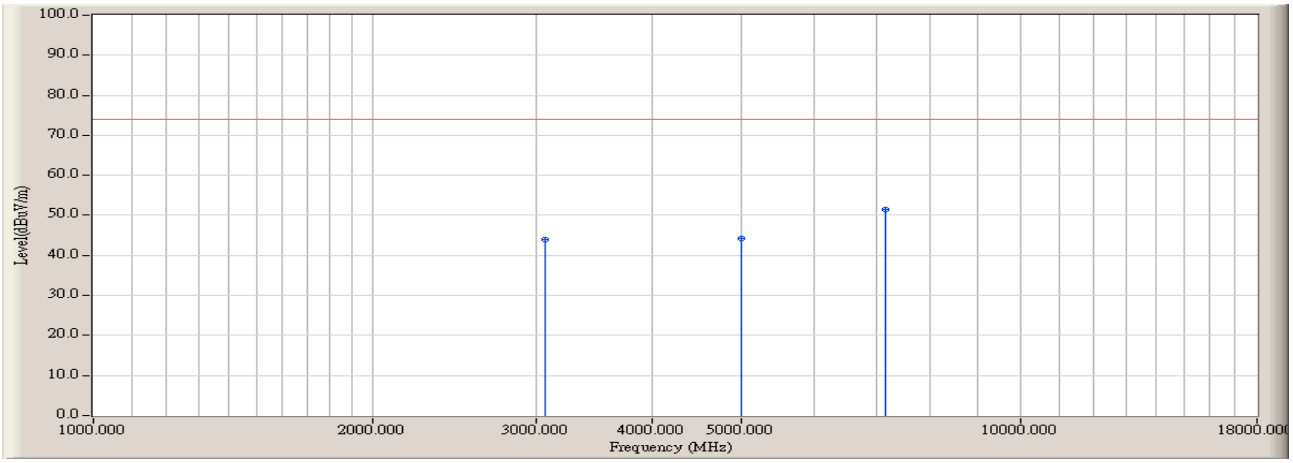


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3068.333	-0.297	29.057	28.760	-25.240	54.000	AVERAGE
2		4201.667	3.024	23.467	26.490	-27.510	54.000	AVERAGE
3	*	6015.000	8.610	21.858	30.468	-23.532	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 17:26**
Limit : FCC_C_(Above_1G)_3M_PK	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2462MHz)**

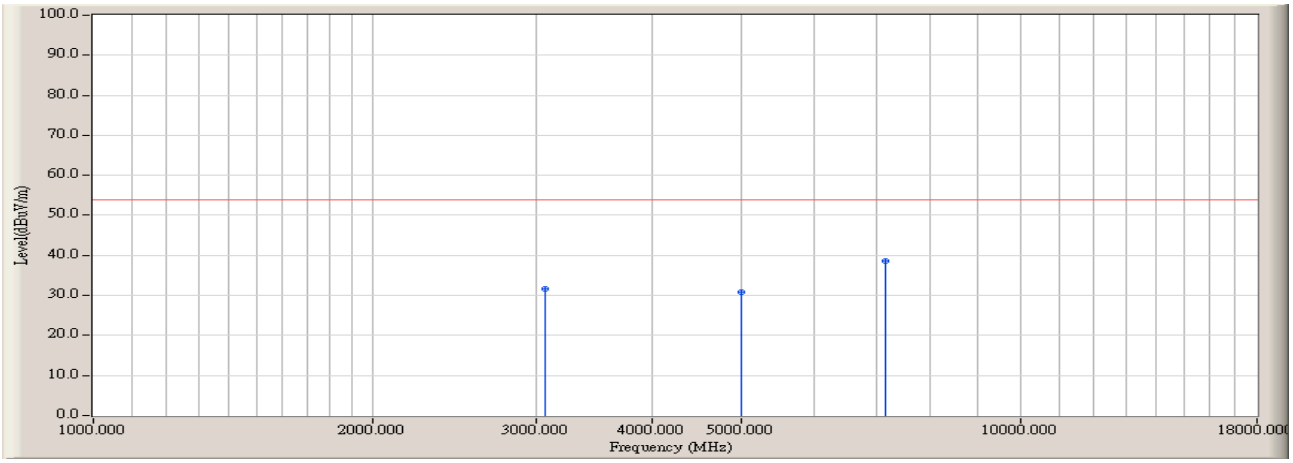


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3068.333	-0.297	44.360	44.063	-29.937	74.000	PEAK
2		4995.000	5.290	39.011	44.301	-29.699	74.000	PEAK
3	*	7148.333	15.236	36.169	51.406	-22.594	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	**Time : 2007/07/12 - 17:26**
Limit : FCC_C_(Above_1G)_3M_AV	**Margin : 0**
EUT : Wireless-AG (108MBPS) Network USB Adapter	**Probe : 9120D_(1G-18G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Transmit by Super 802.11g (2462MHz)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3068.333	-0.297	31.947	31.650	-22.350	54.000	AVERAGE
2		4995.000	5.290	25.570	30.860	-23.140	54.000	AVERAGE
3	*	7148.333	15.236	23.433	38.670	-15.330	54.000	AVERAGE

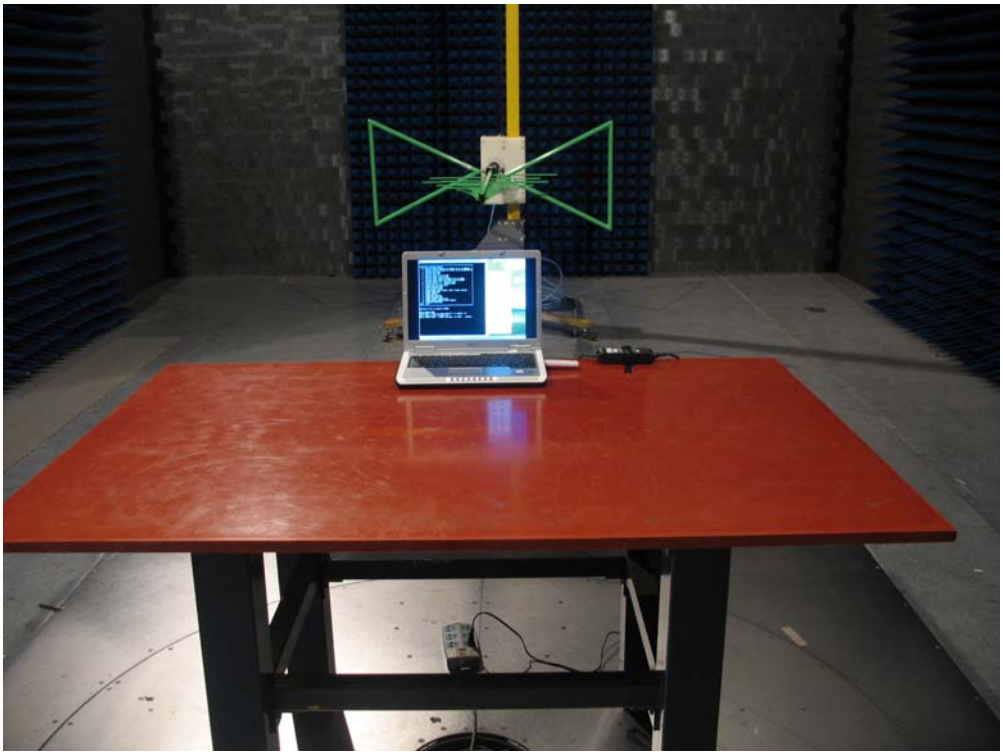
Note:

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

4.7. Test Photograph

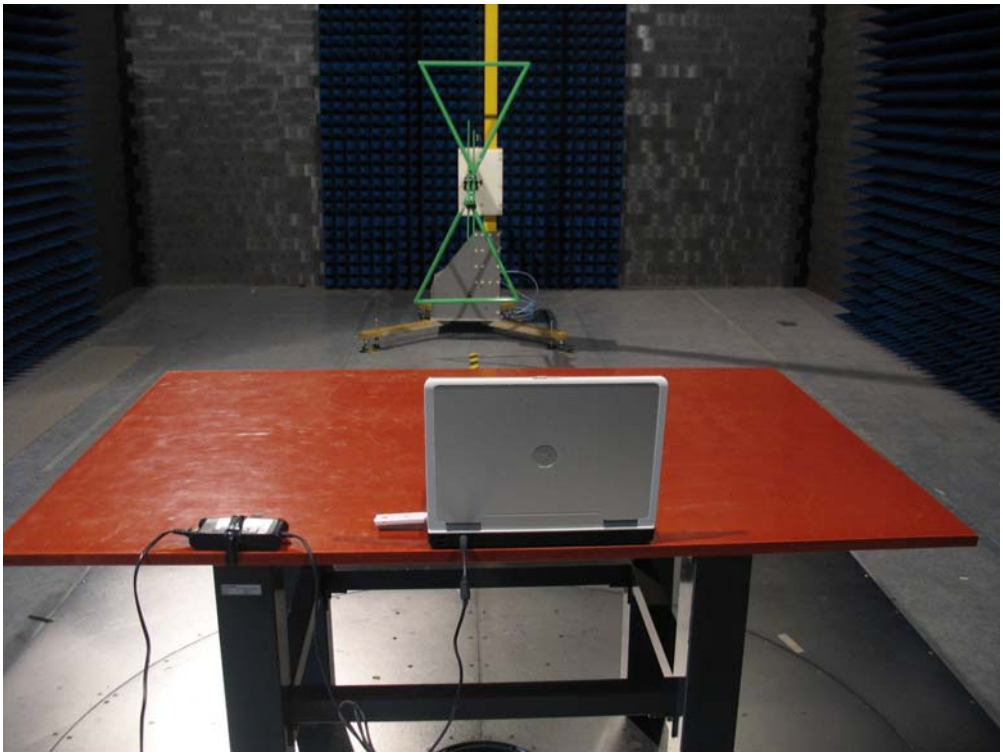
Test Mode: Mode 1: Transmit by 802.11a

Description: Front View of Radiated Test for Under 1GHz



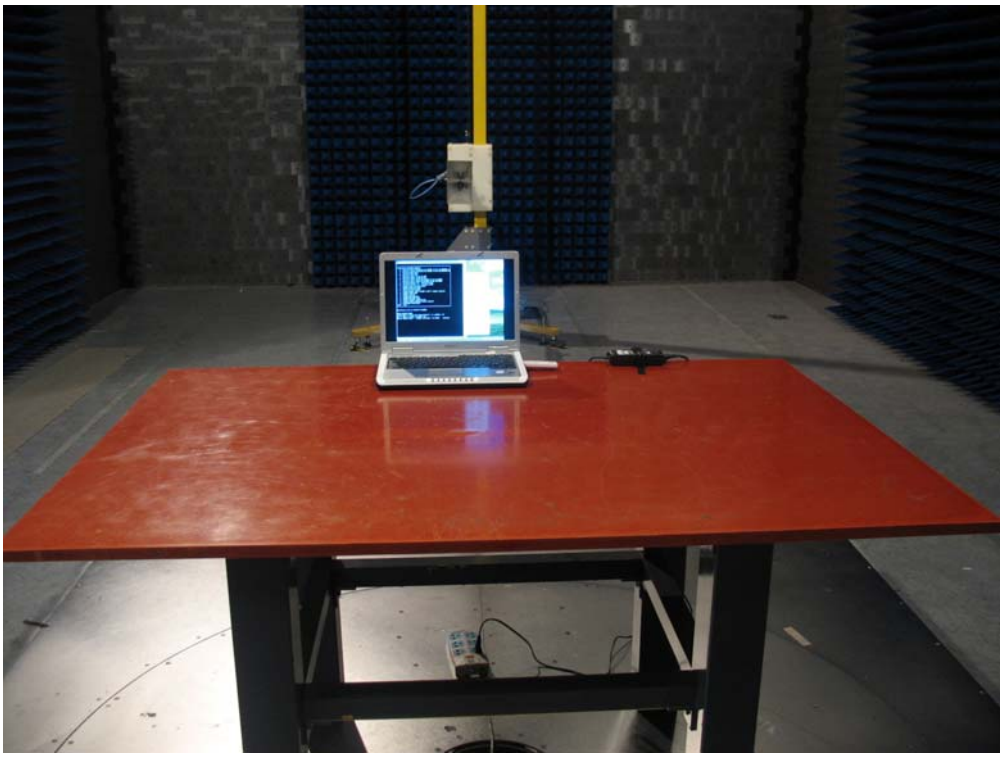
Test Mode: Mode 1: Transmit by 802.11a

Description: Back View of Radiated Test for Under 1GHz



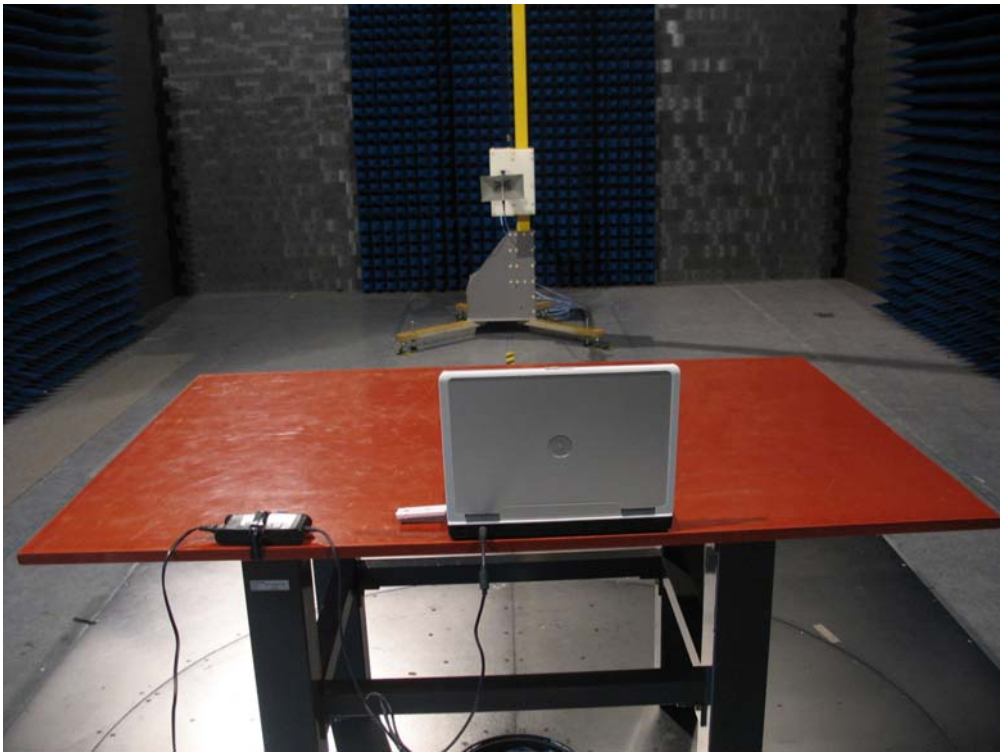
Test Mode: Mode 1: Transmit by 802.11a

Description: Front View of Radiated Test for Above 1GHz



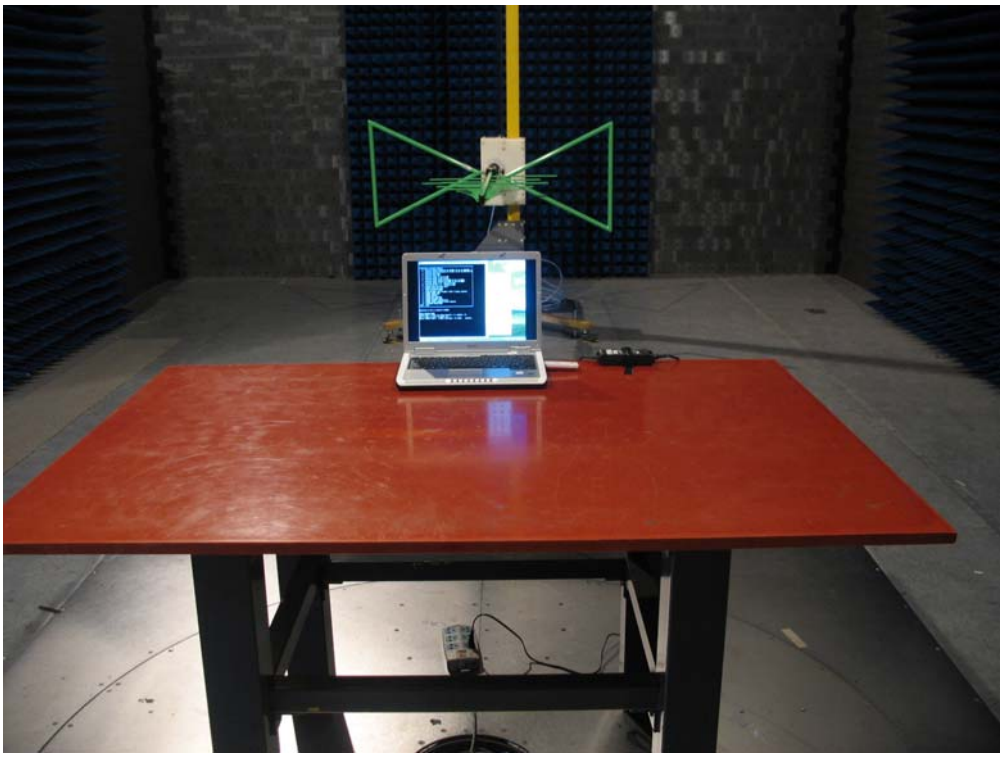
Test Mode: Mode 1: Transmit by 802.11a

Description: Back View of Radiated Test for Above 1GHz



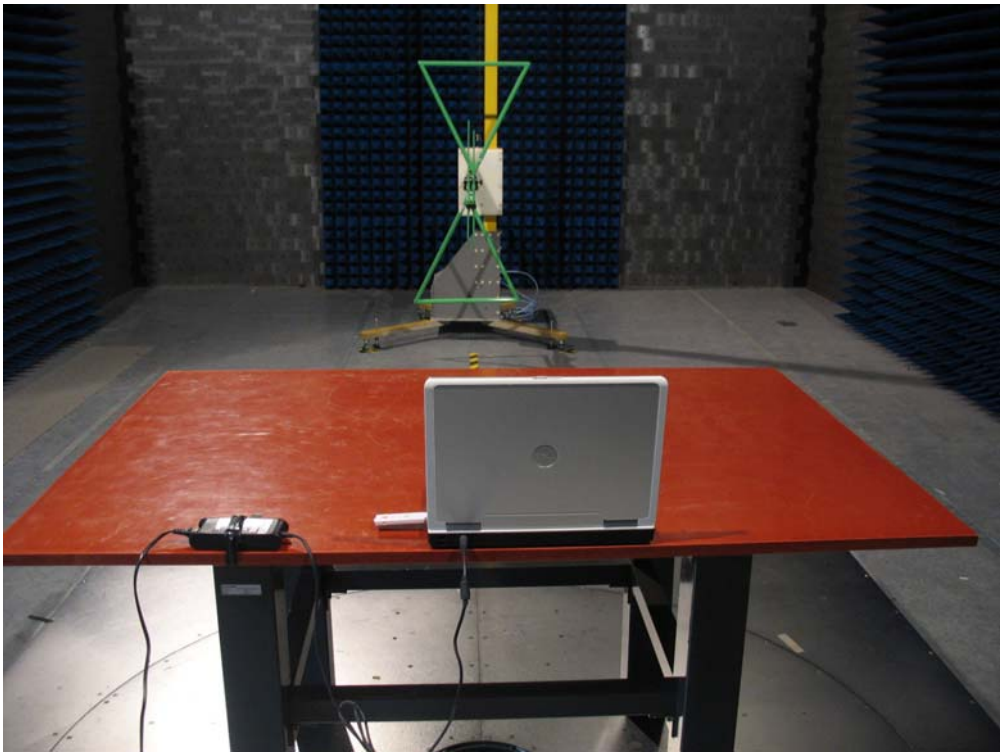
Test Mode: Mode 2: Transmit by 802.11b

Description: Front View of Radiated Test for Under 1GHz



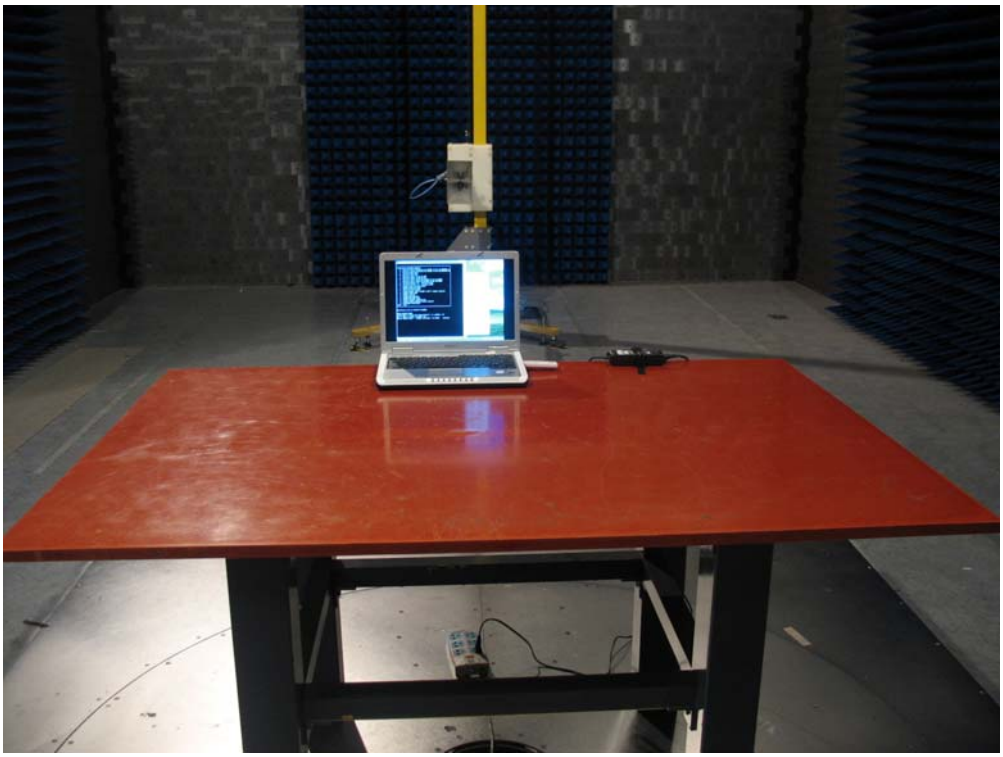
Test Mode: Mode 2: Transmit by 802.11b

Description: Back View of Radiated Test for Under 1GHz



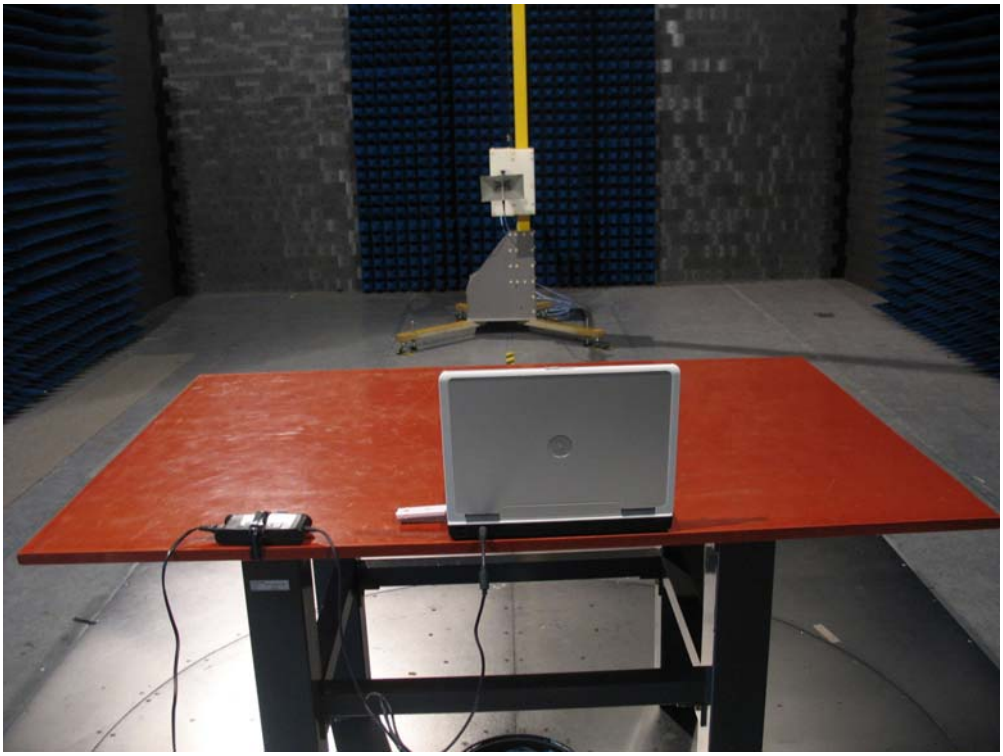
Test Mode: Mode 2: Transmit by 802.11b

Description: Front View of Radiated Test for Above 1GHz



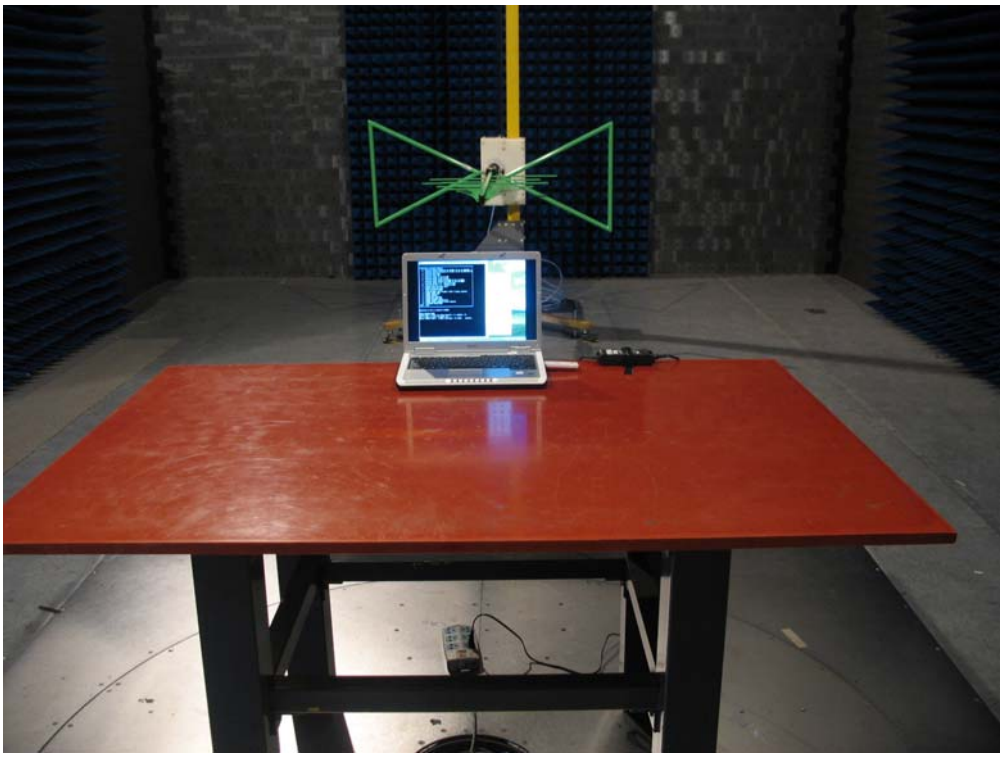
Test Mode: Mode 2: Transmit by 802.11b

Description: Back View of Radiated Test for Above 1GHz



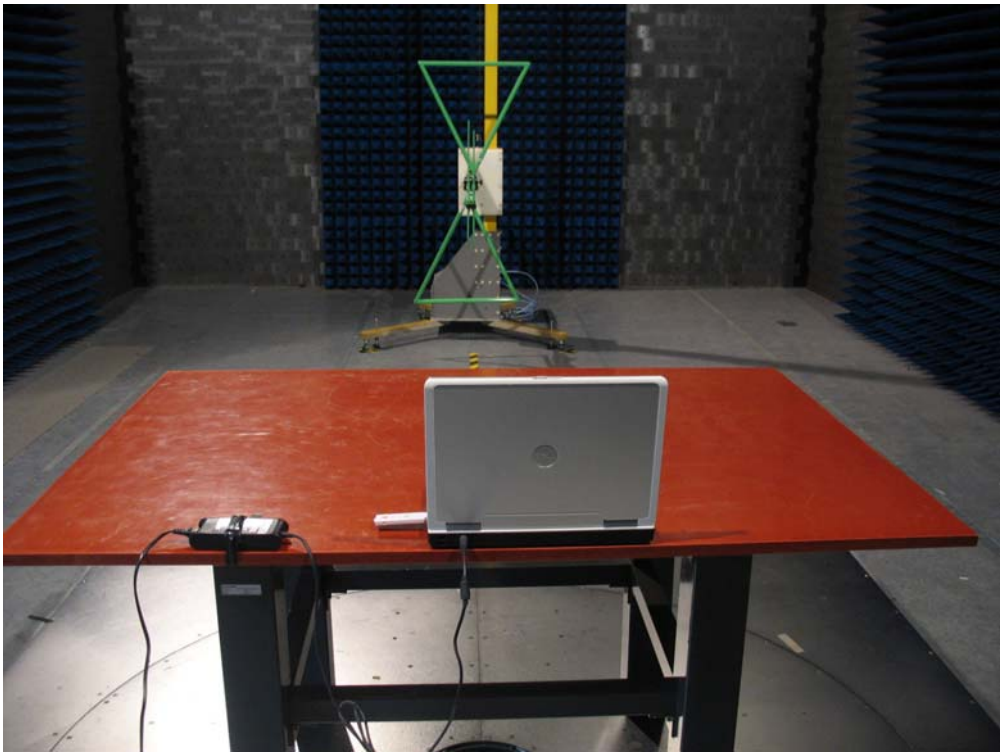
Test Mode: Mode 3: Transmit by 802.11g

Description: Front View of Radiated Test for Under 1GHz



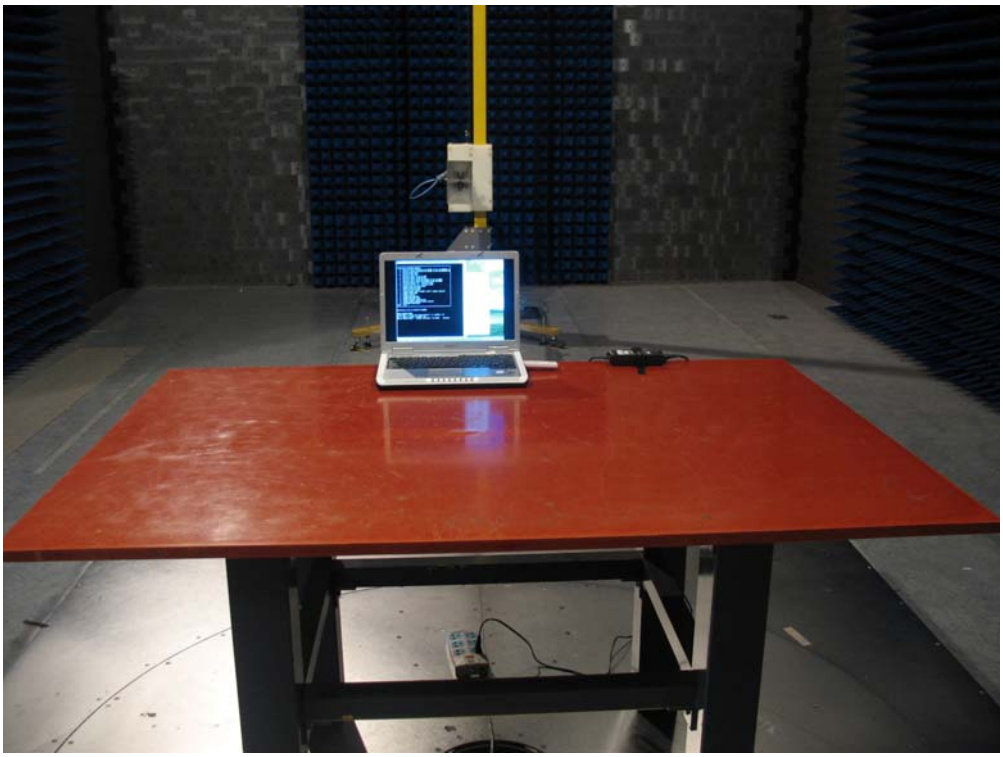
Test Mode: Mode 3: Transmit by 802.11g

Description: Back View of Radiated Test for Under 1GHz



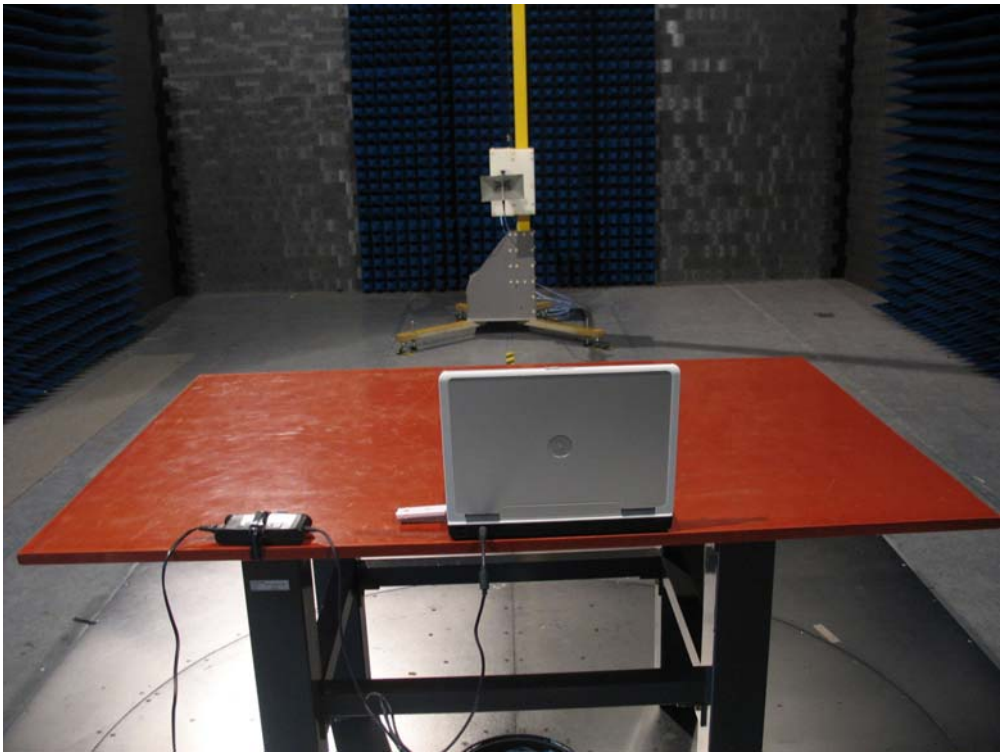
Test Mode: Mode 3: Transmit by 802.11g

Description: Front View of Radiated Test for Above 1GHz



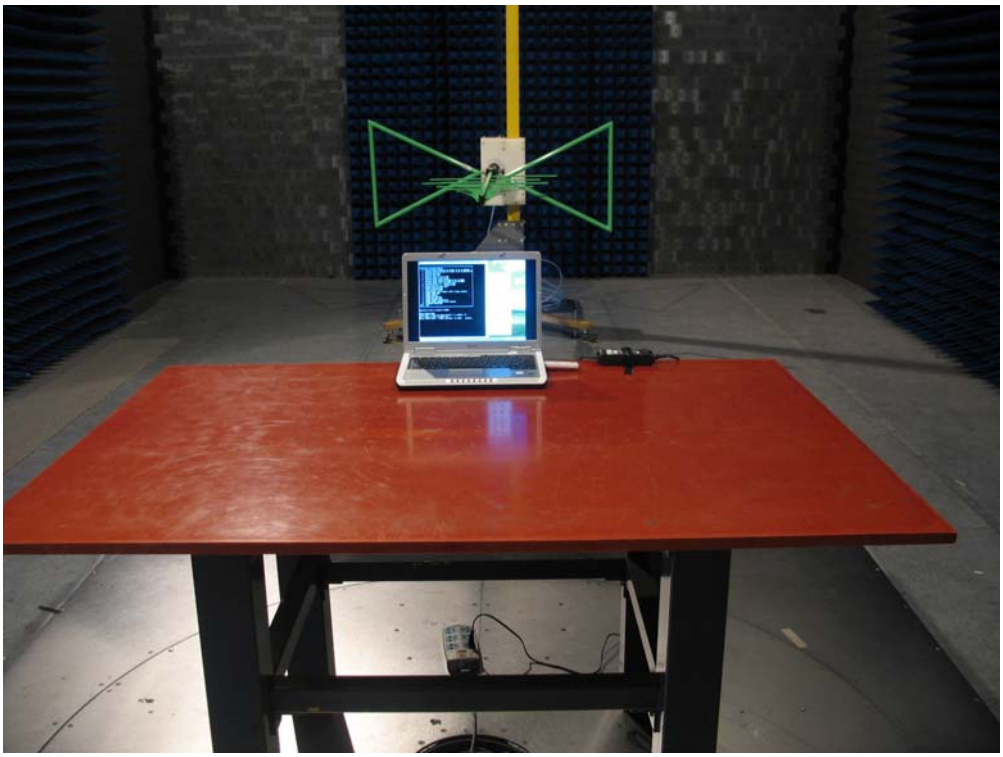
Test Mode: Mode 3: Transmit by 802.11g

Description: Back View of Radiated Test for Above 1GHz



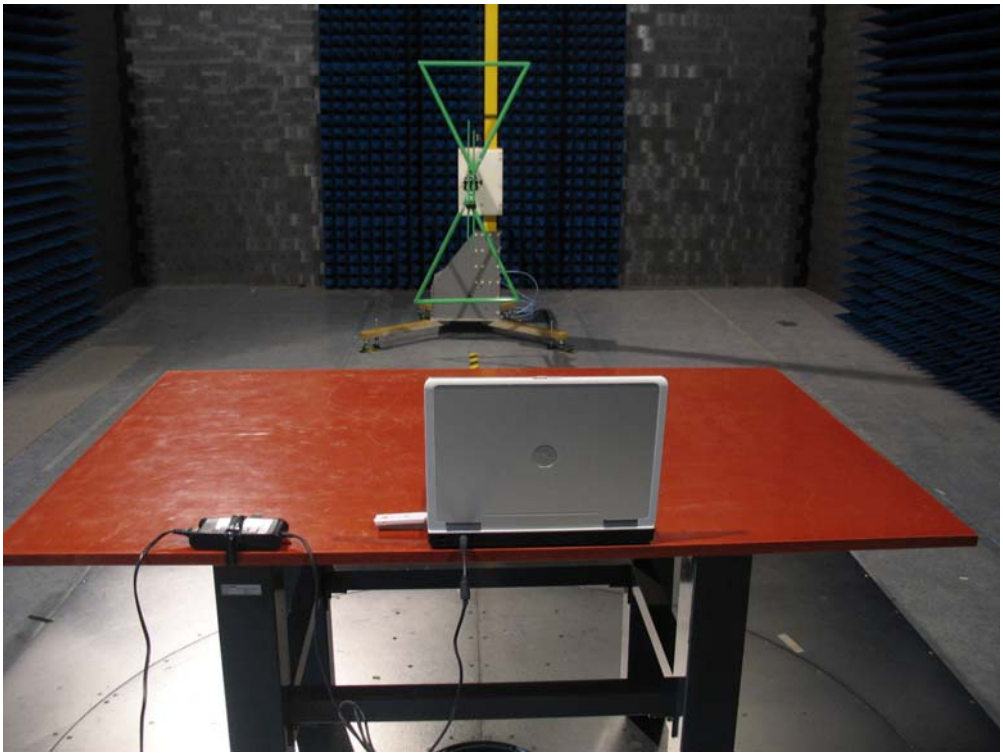
Test Mode: Mode 4: Transmit by Super 802.11a

Description: Front View of Radiated Test for Under 1GHz



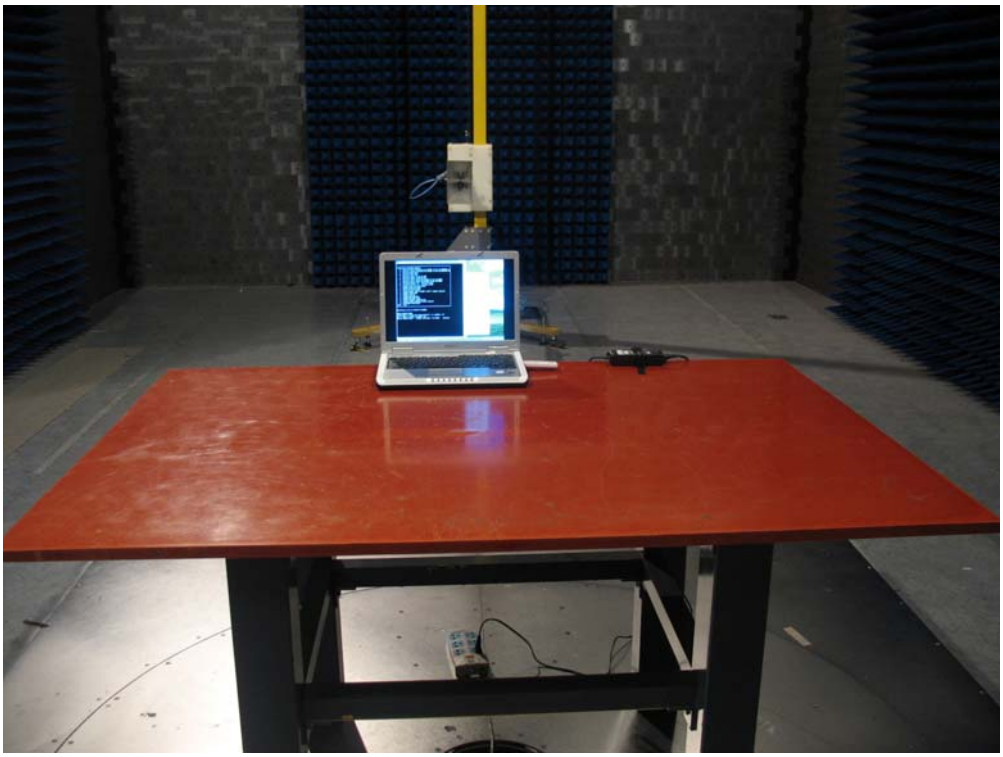
Test Mode: Mode 4: Transmit by Super 802.11a

Description: Back View of Radiated Test for Under 1GHz



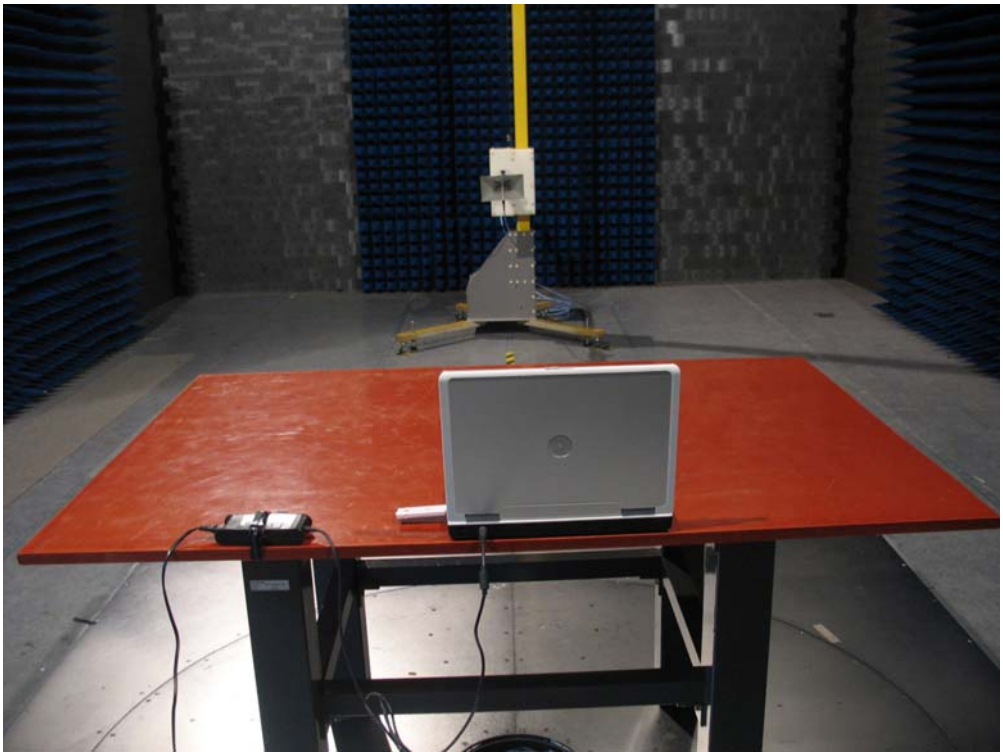
Test Mode: Mode 4: Transmit by Super 802.11a

Description: Front View of Radiated Test for Above 1GHz



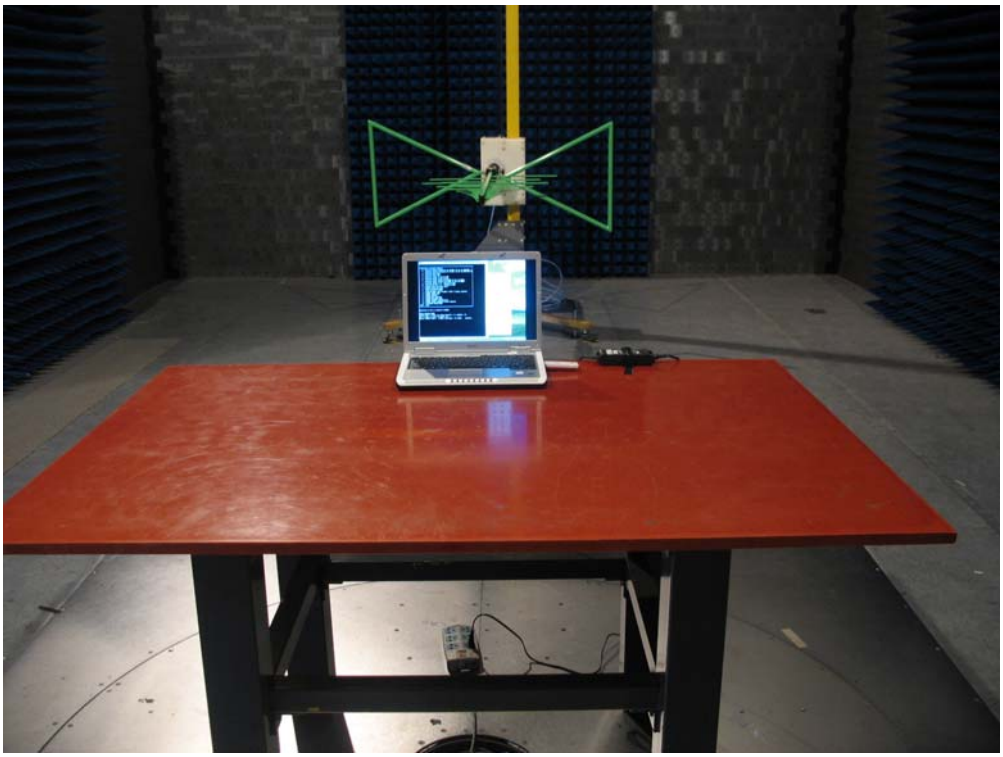
Test Mode: Mode 4: Transmit by Super 802.11a

Description: Back View of Radiated Test for Above 1GHz



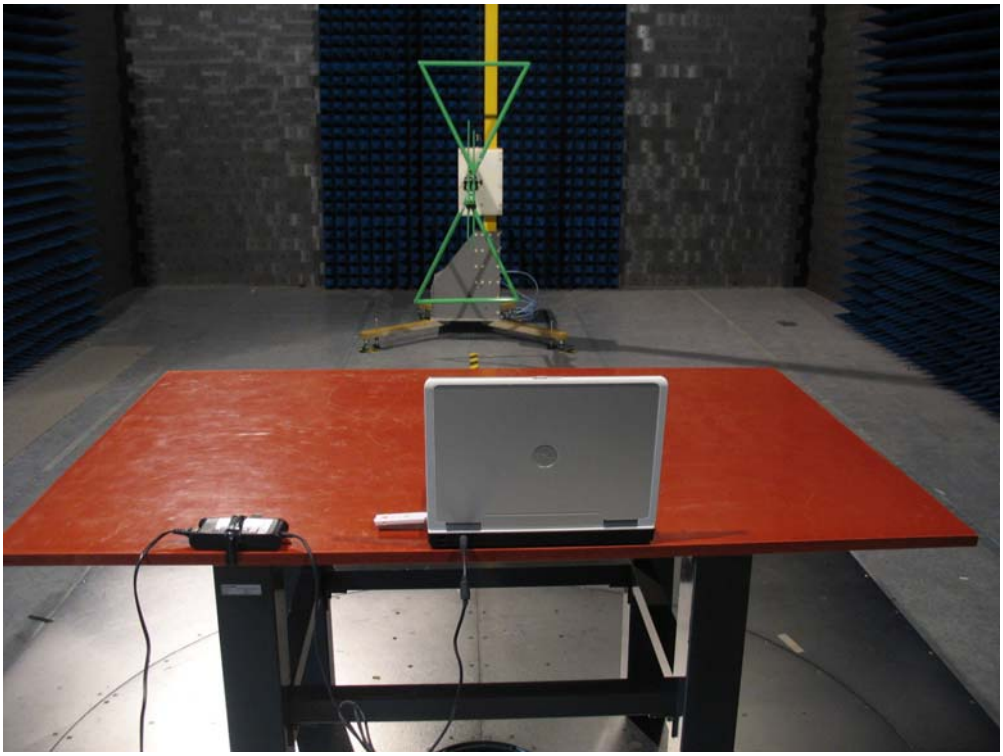
Test Mode: Mode 5: Transmit by Super 802.11g

Description: Front View of Radiated Test for Under 1GHz



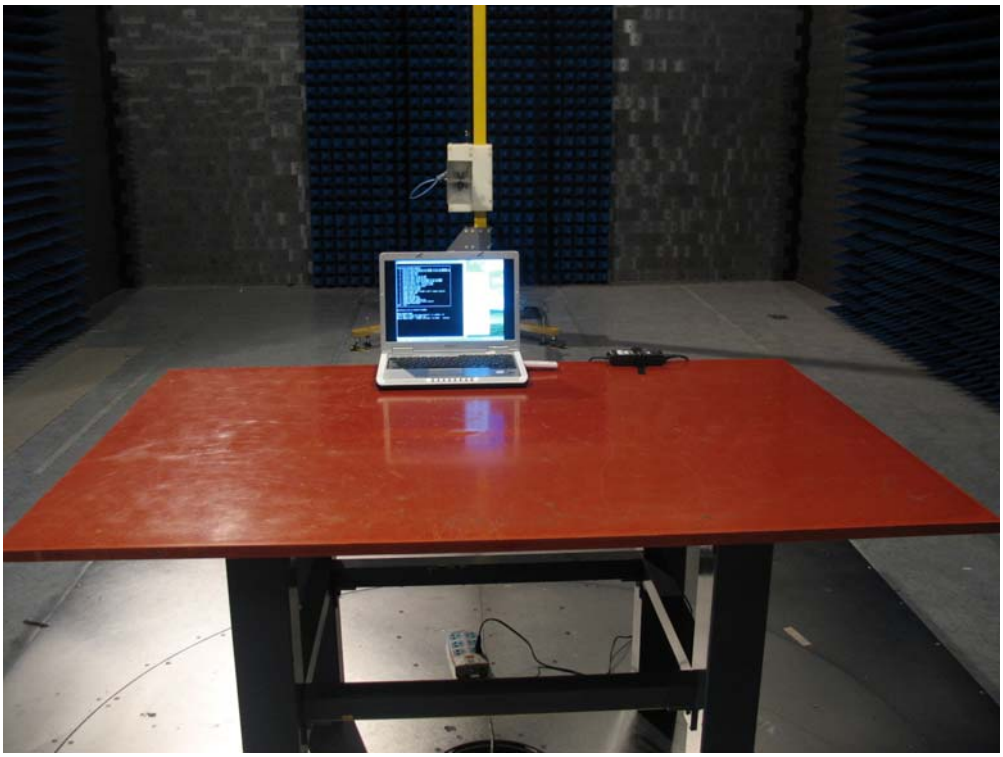
Test Mode: Mode 5: Transmit by Super 802.11g

Description: Back View of Radiated Test for Under 1GHz



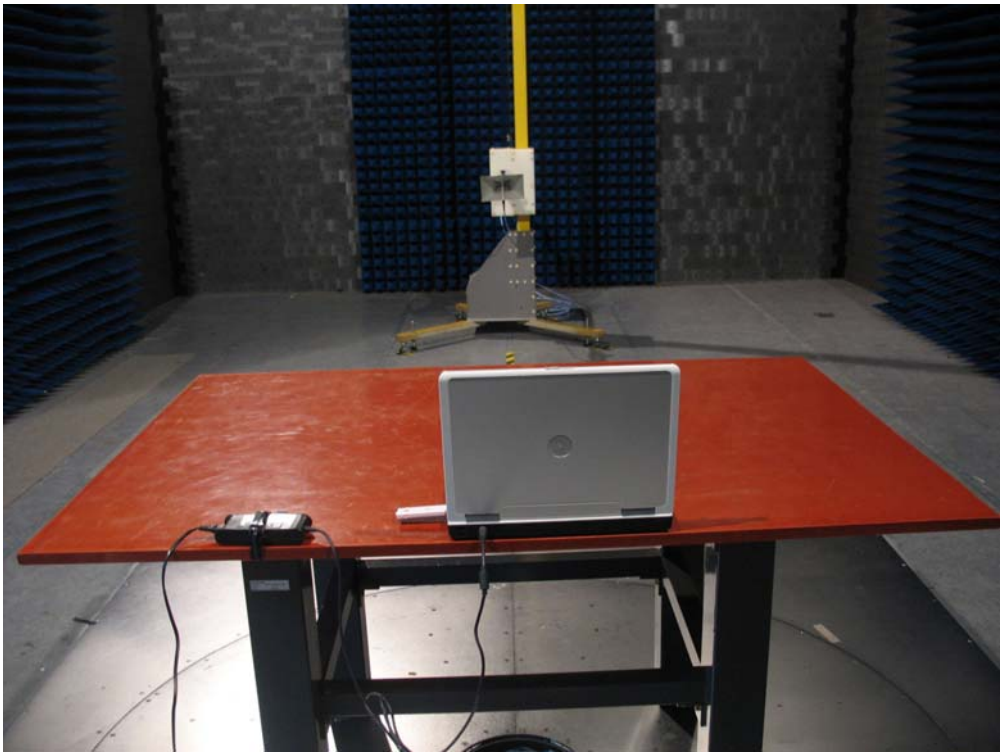
Test Mode: Mode 5: Transmit by Super 802.11g

Description: Front View of Radiated Test for Above 1GHz



Test Mode: Mode 5: Transmit by Super 802.11g

Description: Back View of Radiated Test for Above 1GHz



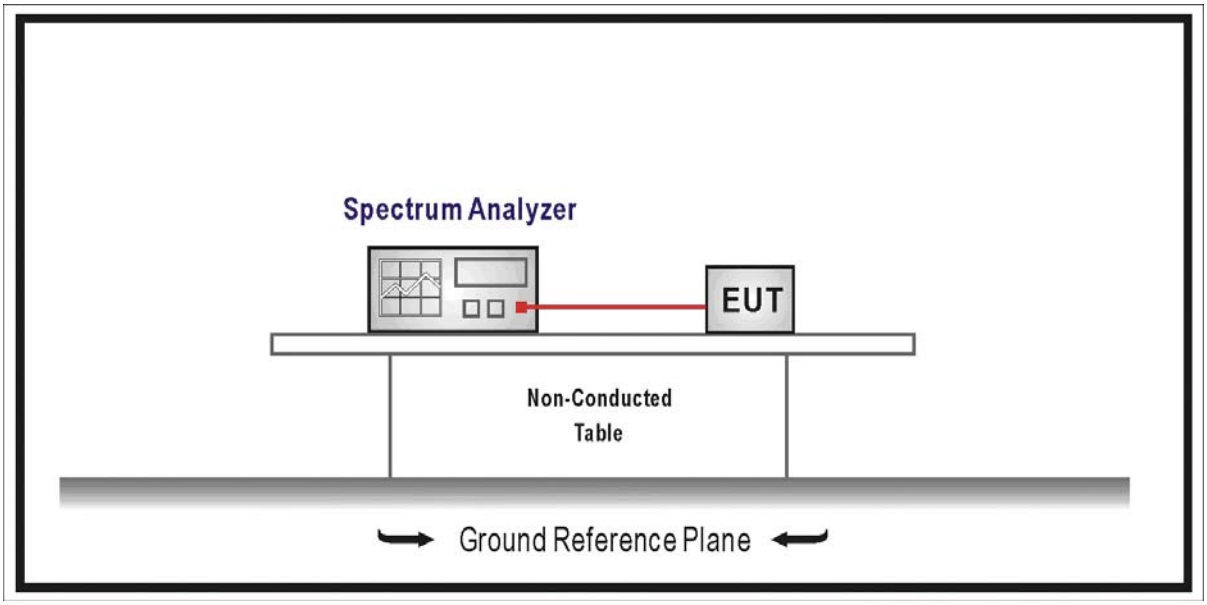
5. RF Antenna Conducted Spurious

5.1. Test Equipment

RF Antenna Conducted Spurious / AC-3

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2007/06/11
Coaxial Cable	Huber+Suhner	AC3-RF	08	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH003	2007/03/31

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

According to the FCC Measurement Techniques: KDB Publication No. 558074
Set RBW = 100 kHz, Video bandwidth (VBW) > RBW, scan up through 10th harmonic.
All harmonics/spurs must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100 kHz RBW.

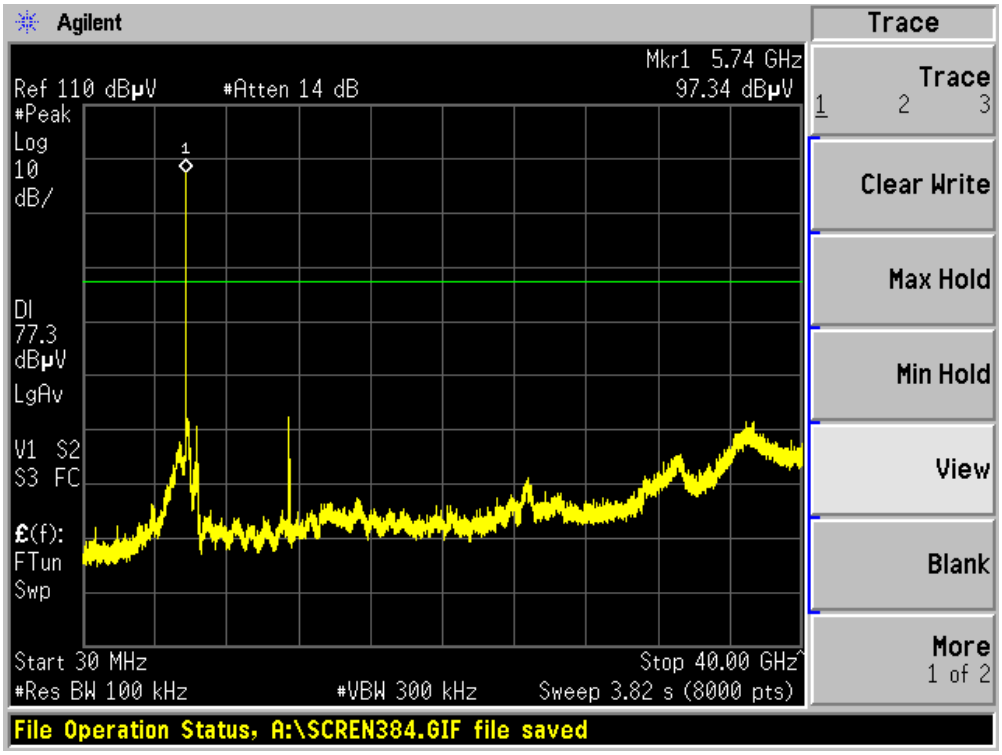
5.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

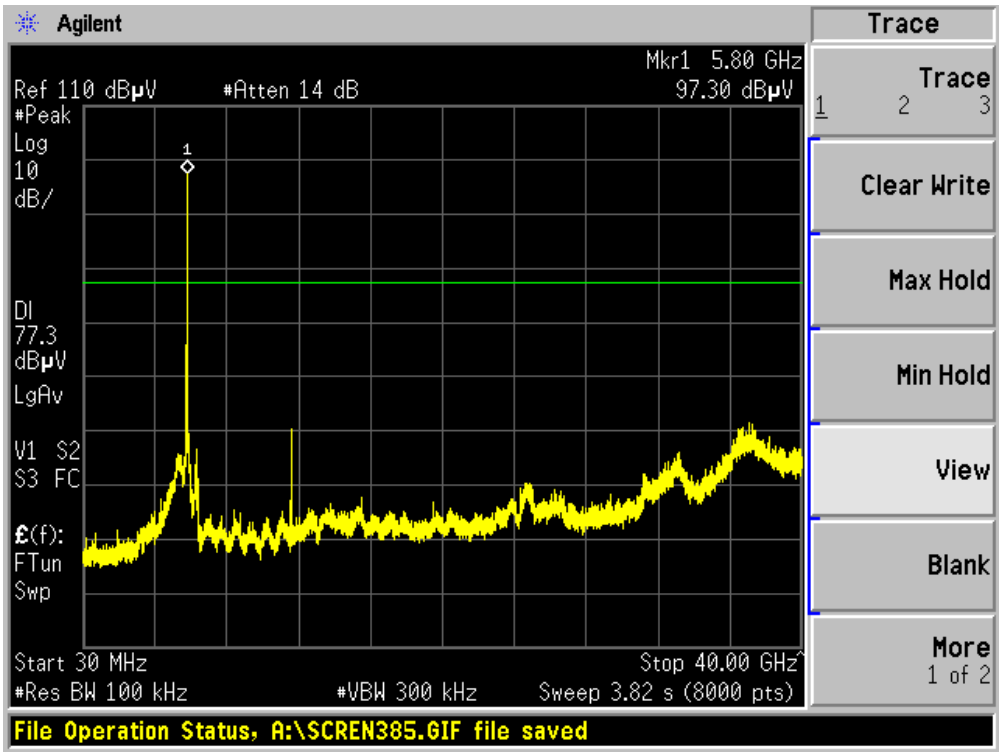
5.6. Test Result

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-3
Test Mode	:	Mode 1: Transmit by 802.11a

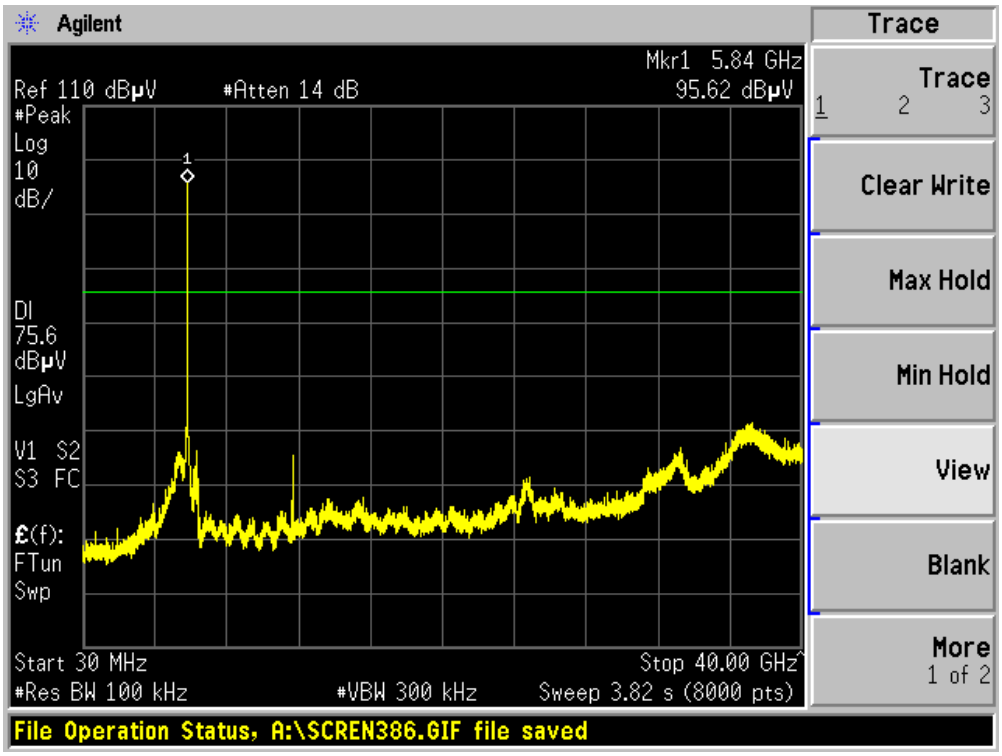
Channel 09 (5740MHz)



Channel 12 (5800MHz)

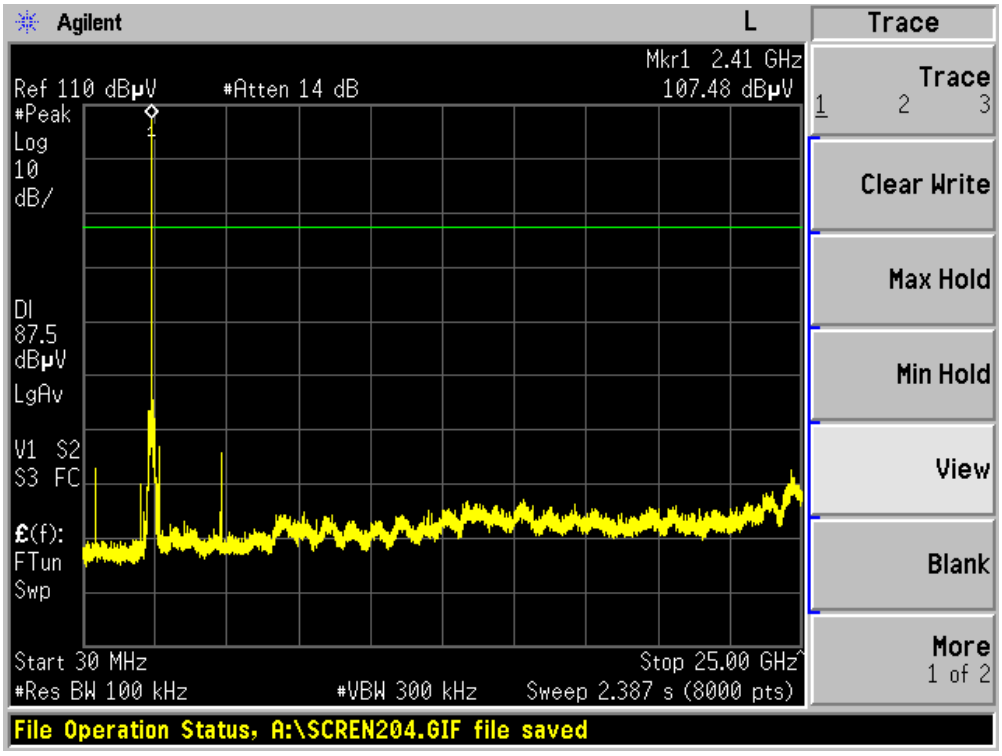


Channel 14 (5840MHz)

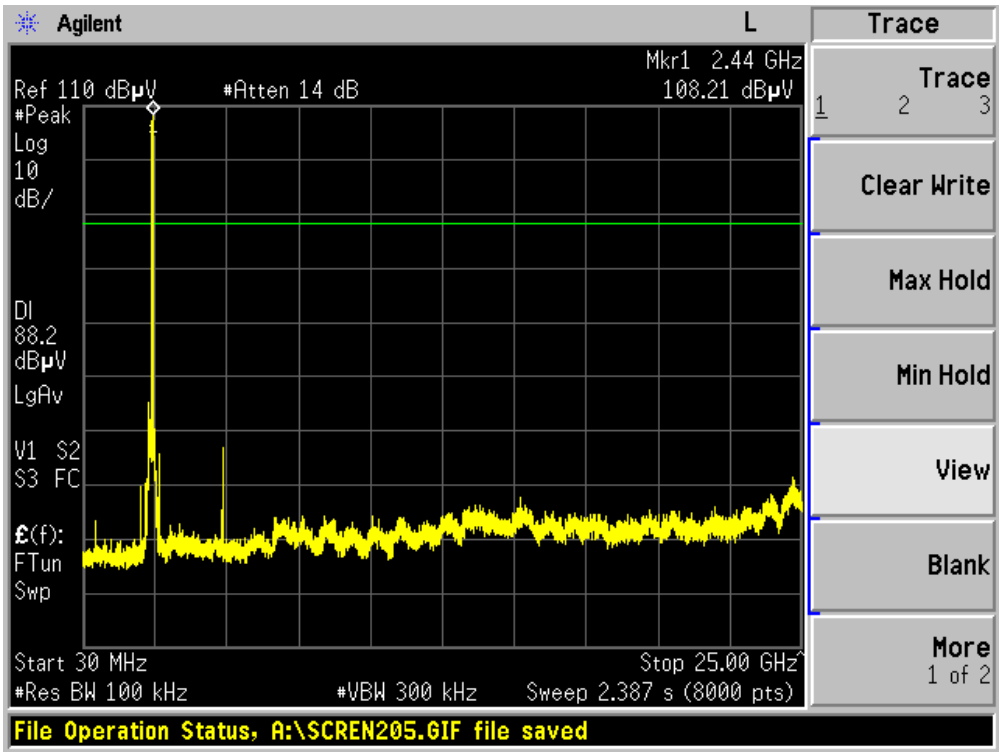


Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by 802.11b

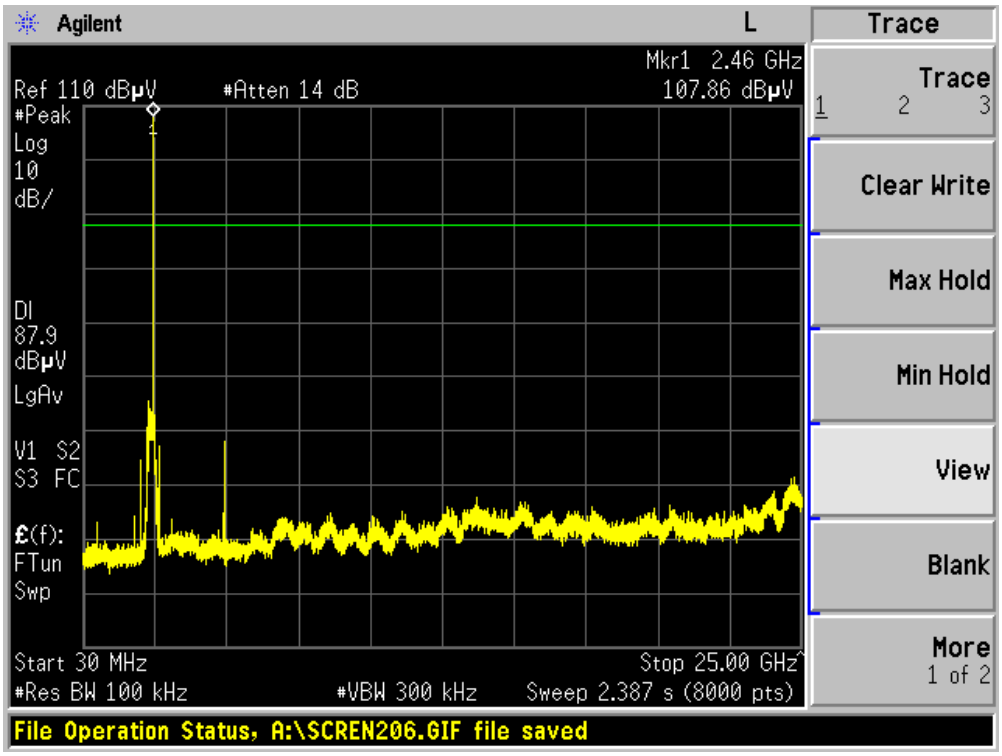
Channel 01 (2412MHz)



Channel 06 (2437MHz)

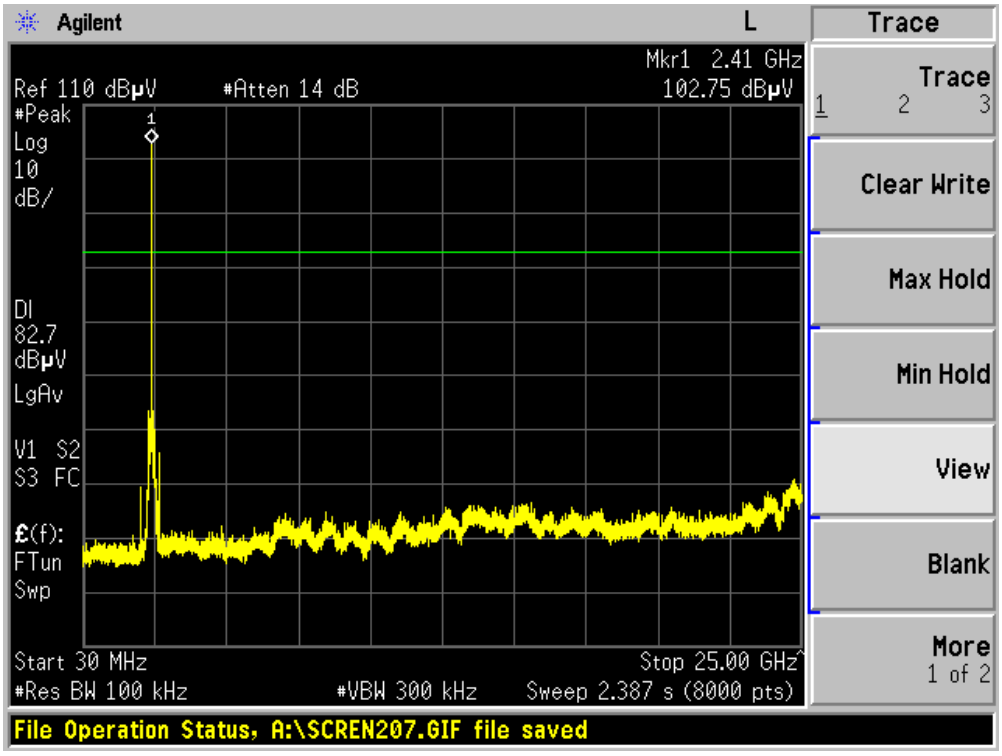


Channel 11 (2462MHz)

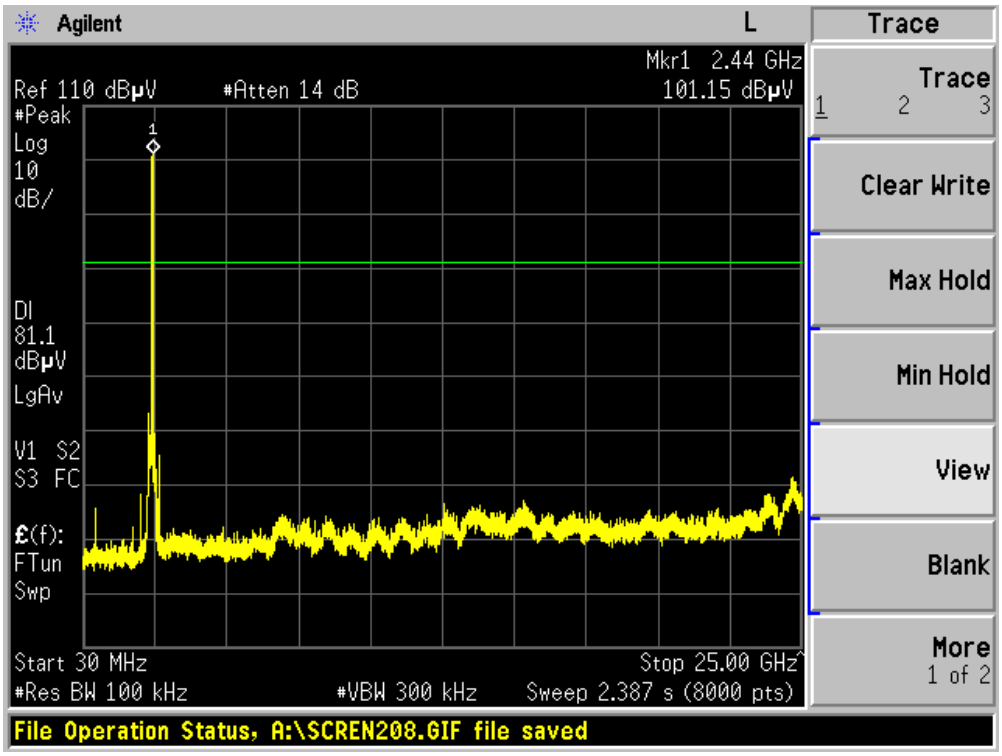


Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-3
Test Mode	:	Mode 3: Transmit by 802.11g

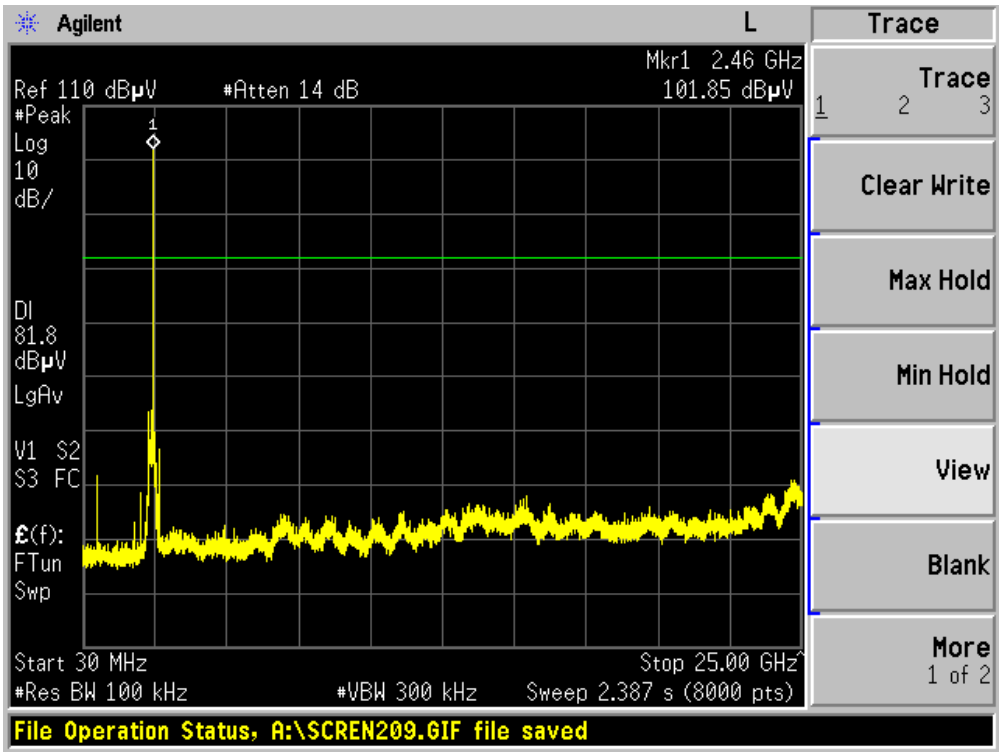
Channel 01 (2412MHz)



Channel 06 (2437MHz)

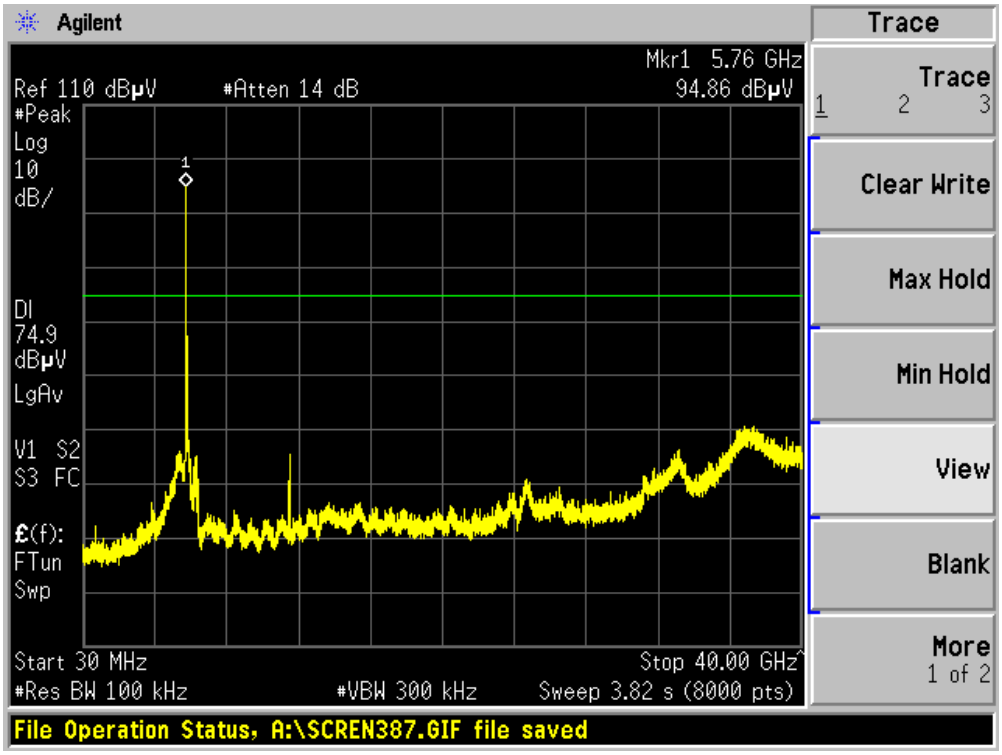


Channel 11 (2462MHz)

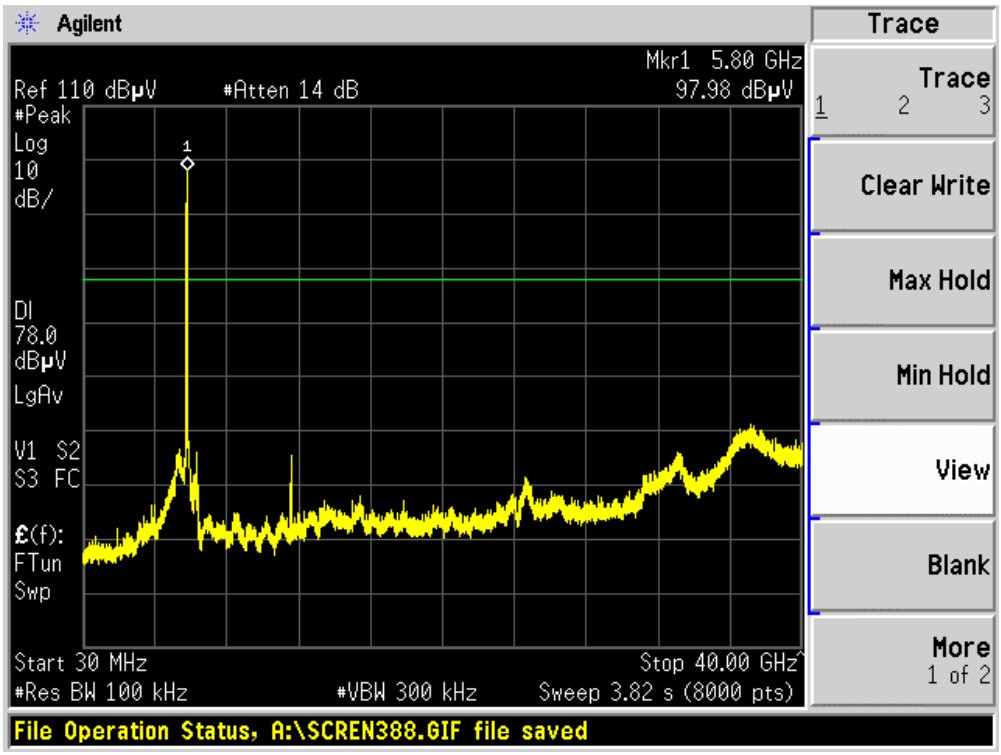


Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-3
Test Mode	:	Mode 4: Transmit by Super 802.11a

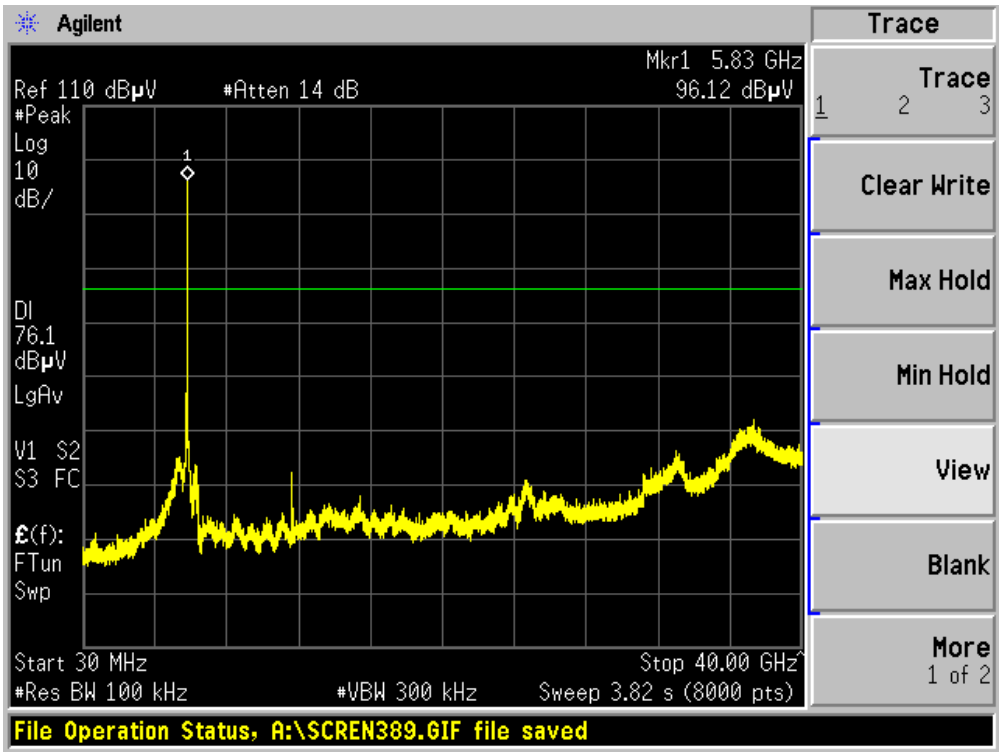
Channel 10 (5760MHz)



Channel 12 (5800MHz)

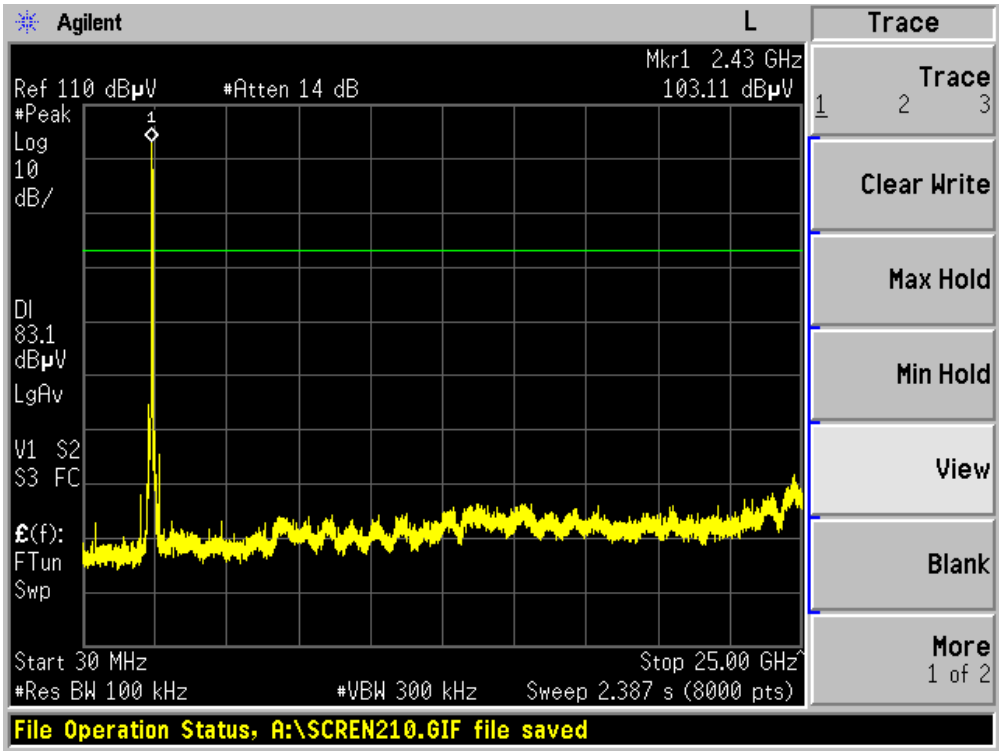


Channel 13 (5820MHz)

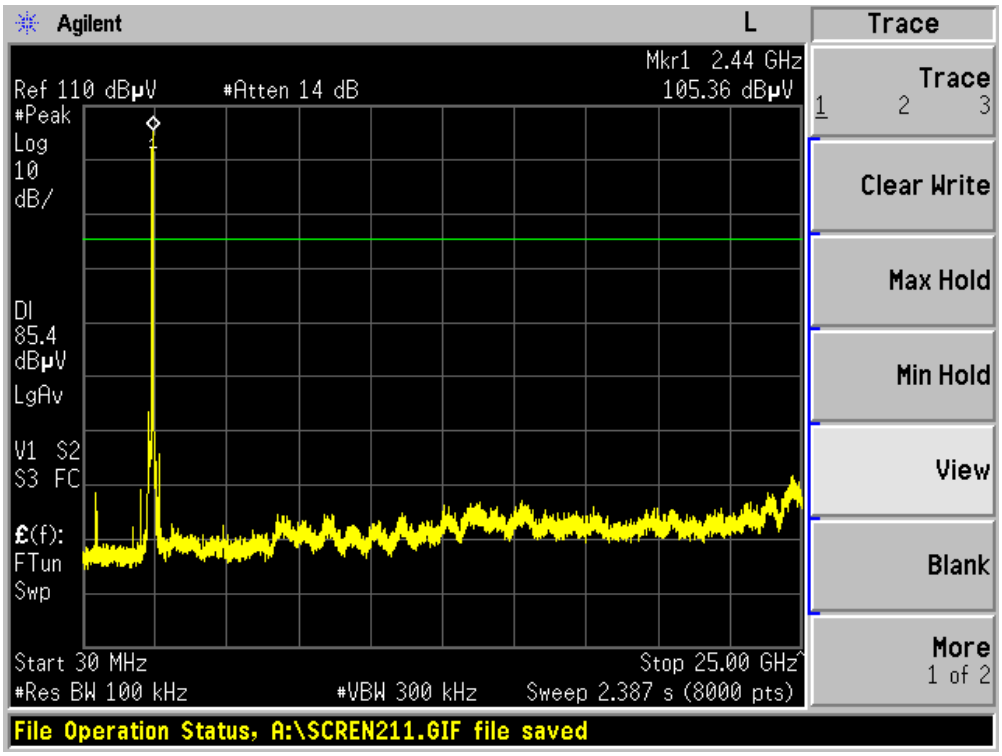


Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	AC-3
Test Mode	:	Mode 5: Transmit by Super 802.11g

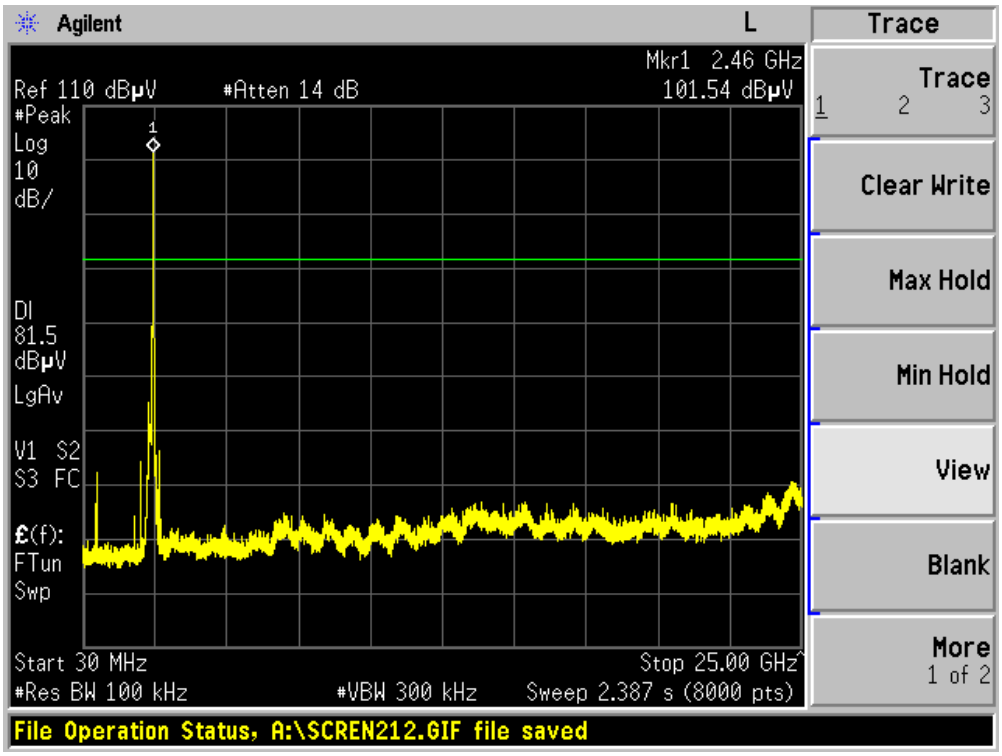
Channel 01 (2422MHz)



Channel 07 (2442MHz)



Channel 11 (2462MHz)



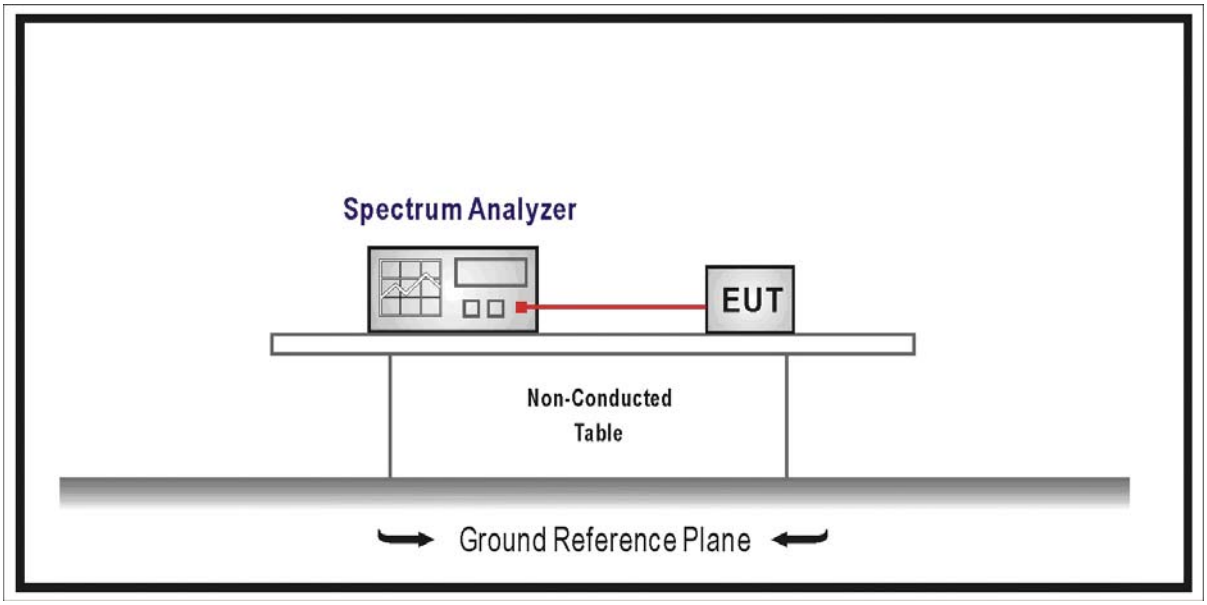
6. Occupied Bandwidth

6.1. Test Equipment

Occupied Bandwidth / AC-3

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2007/06/11
Coaxial Cable	Huber+Suhner	AC3-RF	08	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH003	2007/03/31

6.2. Test Setup



6.3. Limit

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

6.4. Test Procedure

According to the FCC Measurement Techniques: KDB Publication No. 558074
Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. In order to make an accurate measurement, set the span greater than RBW. The 6 dB bandwidth must be greater than 500 kHz.

6.5. Uncertainty

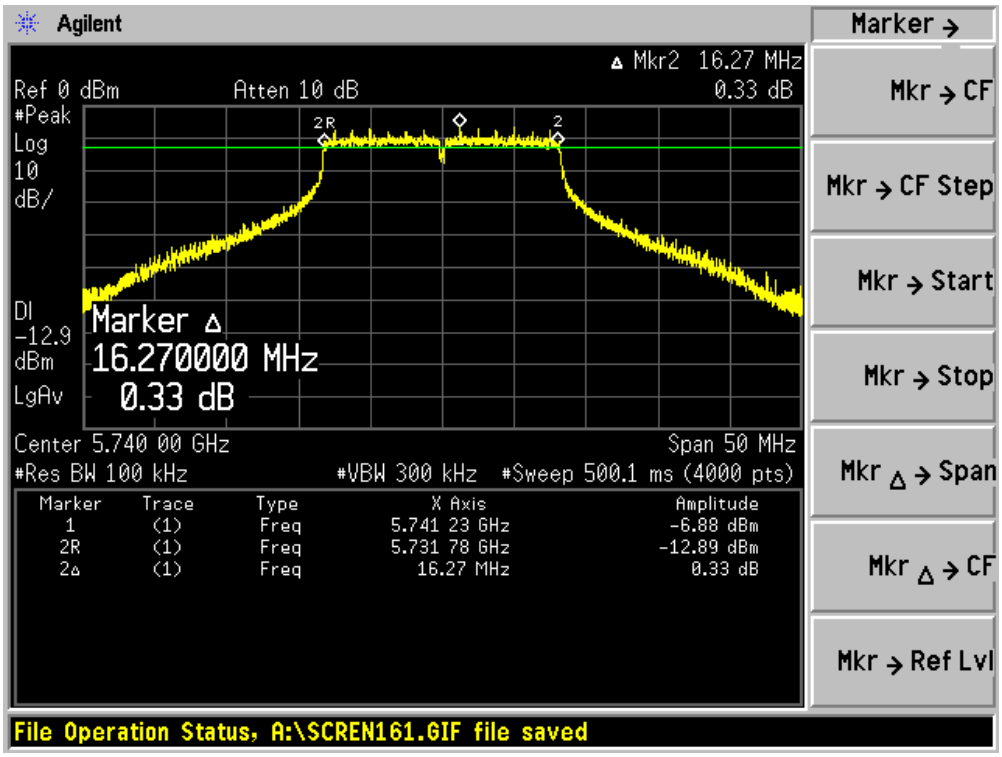
The measurement uncertainty is defined as ± 100 Hz

6.6. Test Result

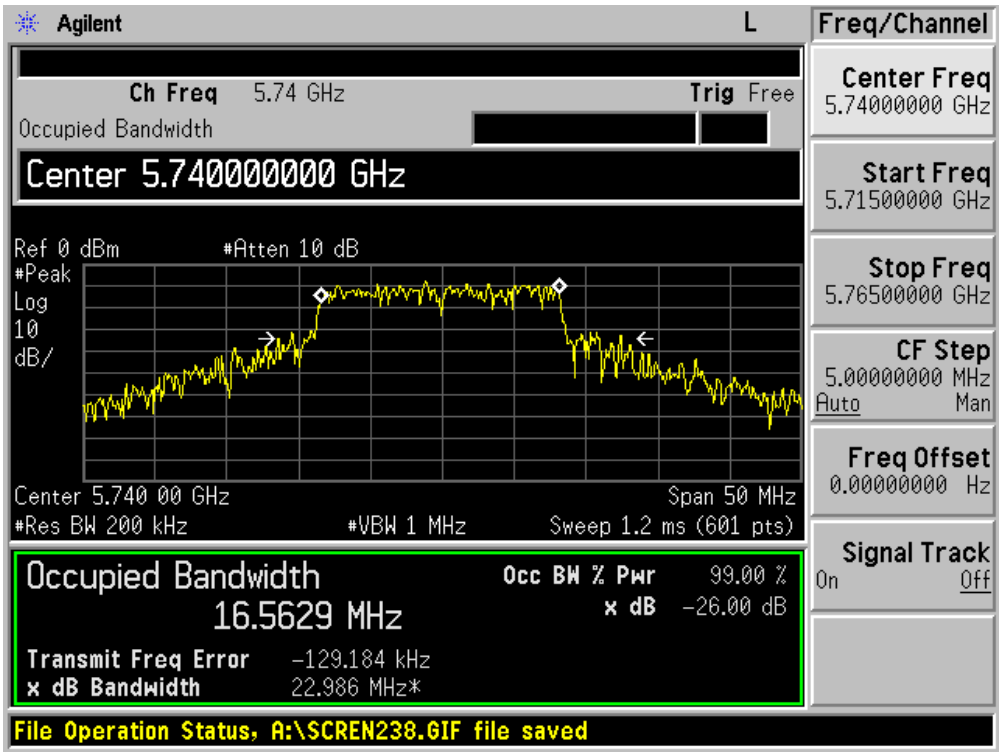
Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Occupied Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 1: Transmit by 802.11a

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
09	5740	16270	500	Pass
12	5800	16250	500	Pass
14	5840	16350	500	Pass

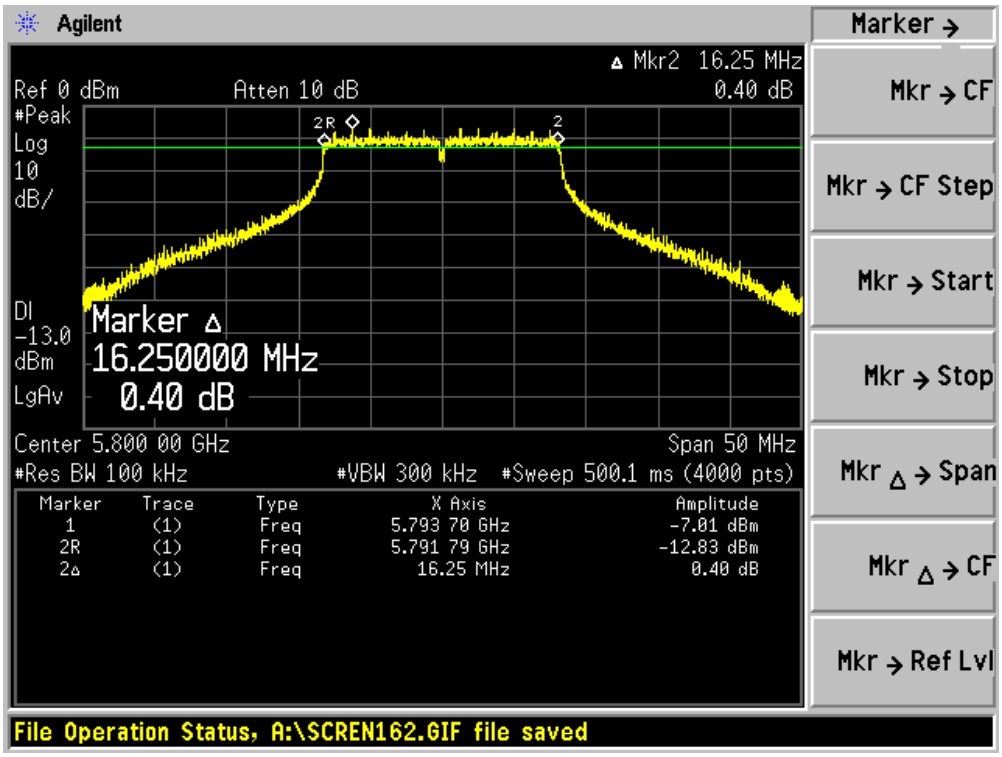
Channel 09 (5740MHz) - 6dB Bandwidth



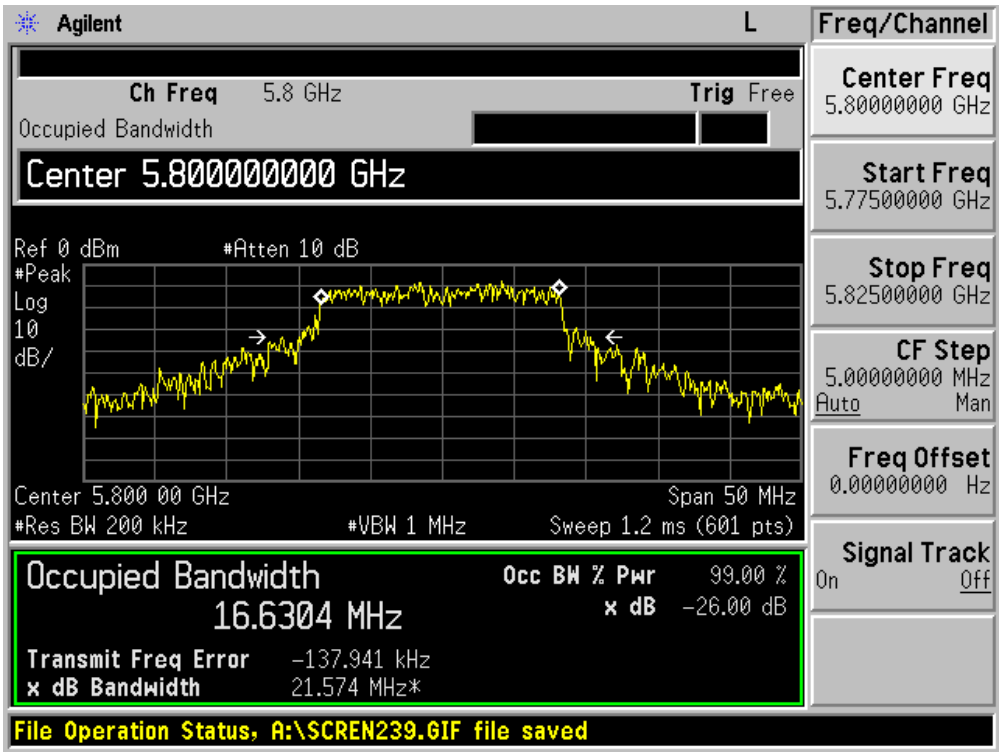
Channel 09 (5740MHz) - 26dB Bandwidth



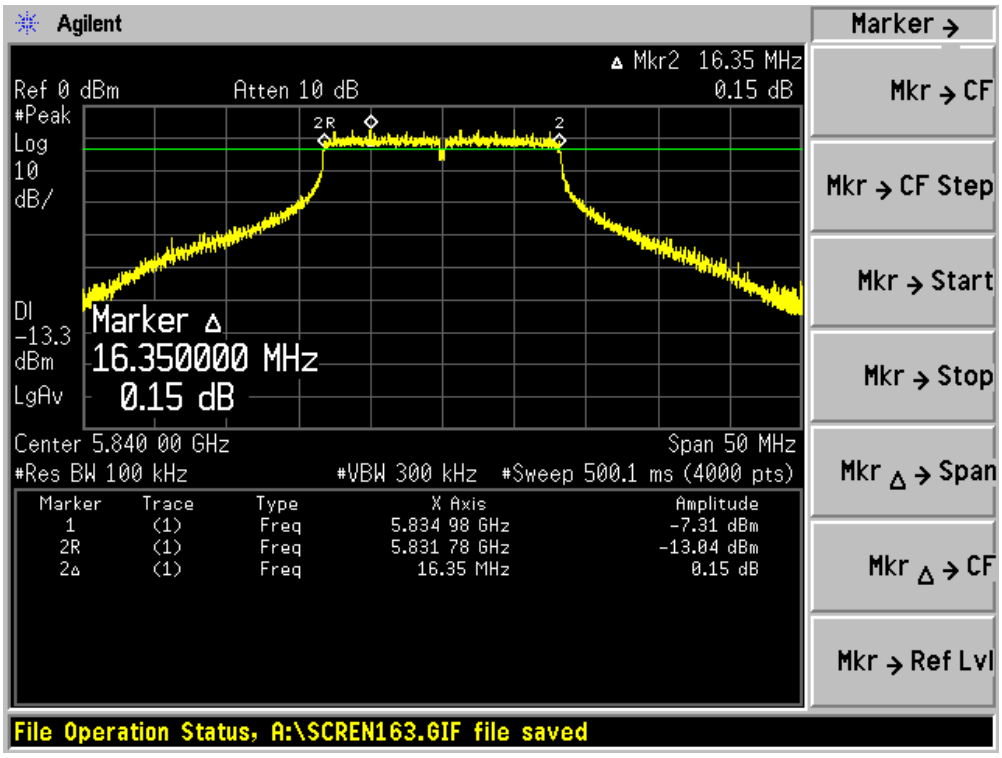
Channel 12 (5800MHz) - 6dB Bandwidth



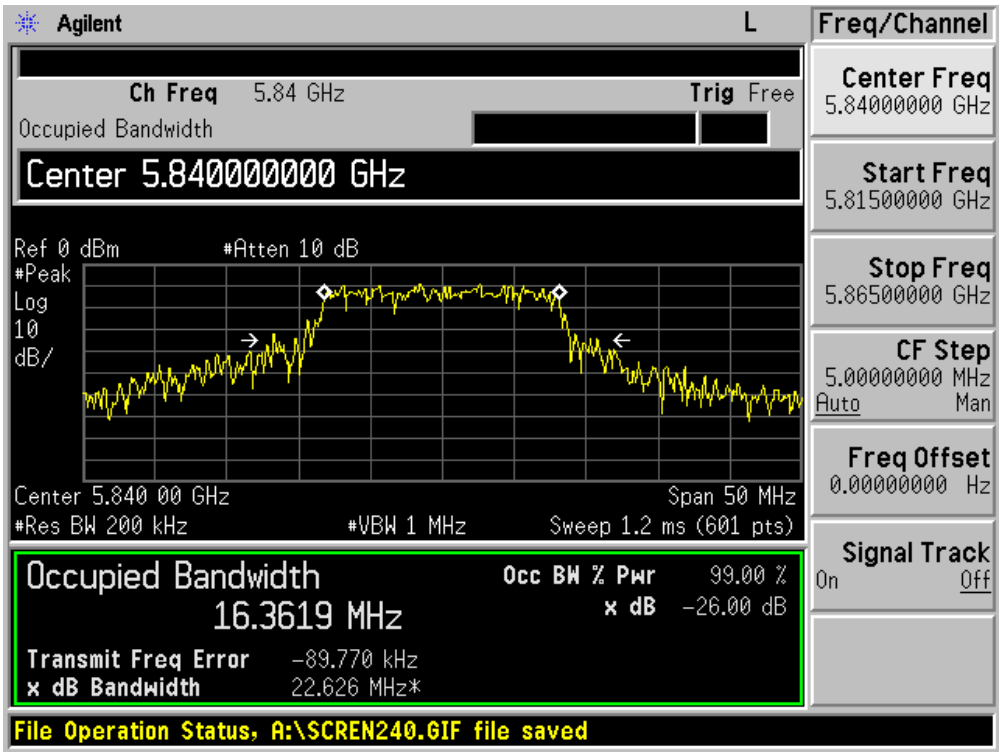
Channel 12 (5800MHz) - 26dB Bandwidth



Channel 14 (5840MHz) - 6dB Bandwidth



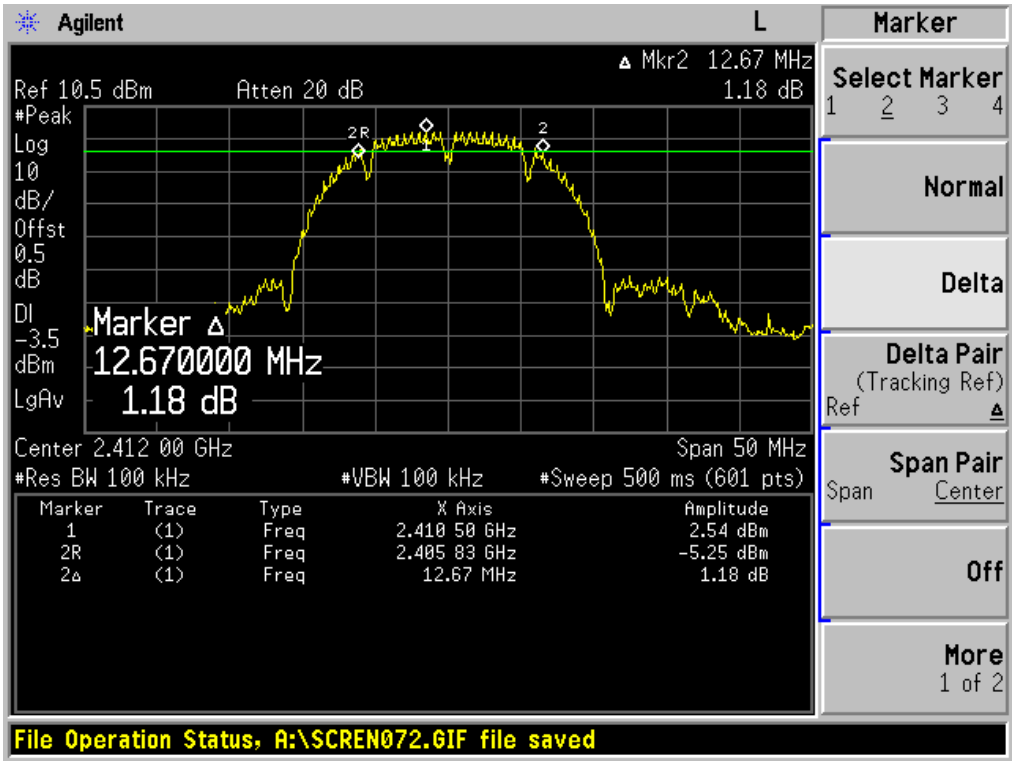
Channel 14 (5840MHz) - 26dB Bandwidth



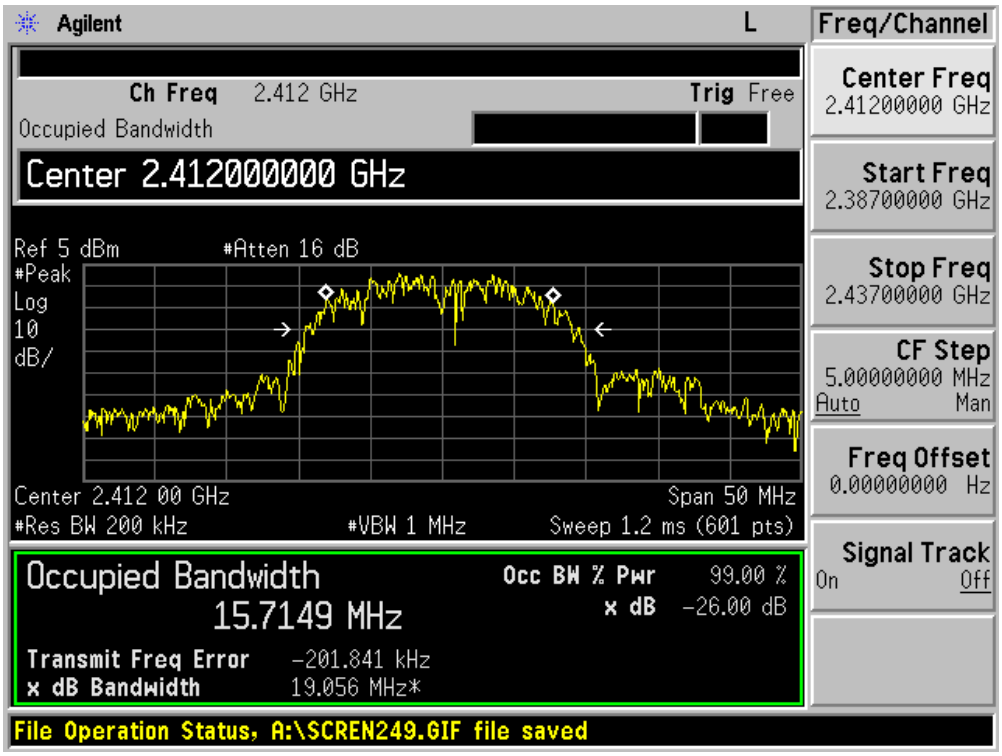
Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Occupied Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by 802.11b

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	12670	500	Pass
06	2437	13000	500	Pass
11	2462	12500	500	Pass

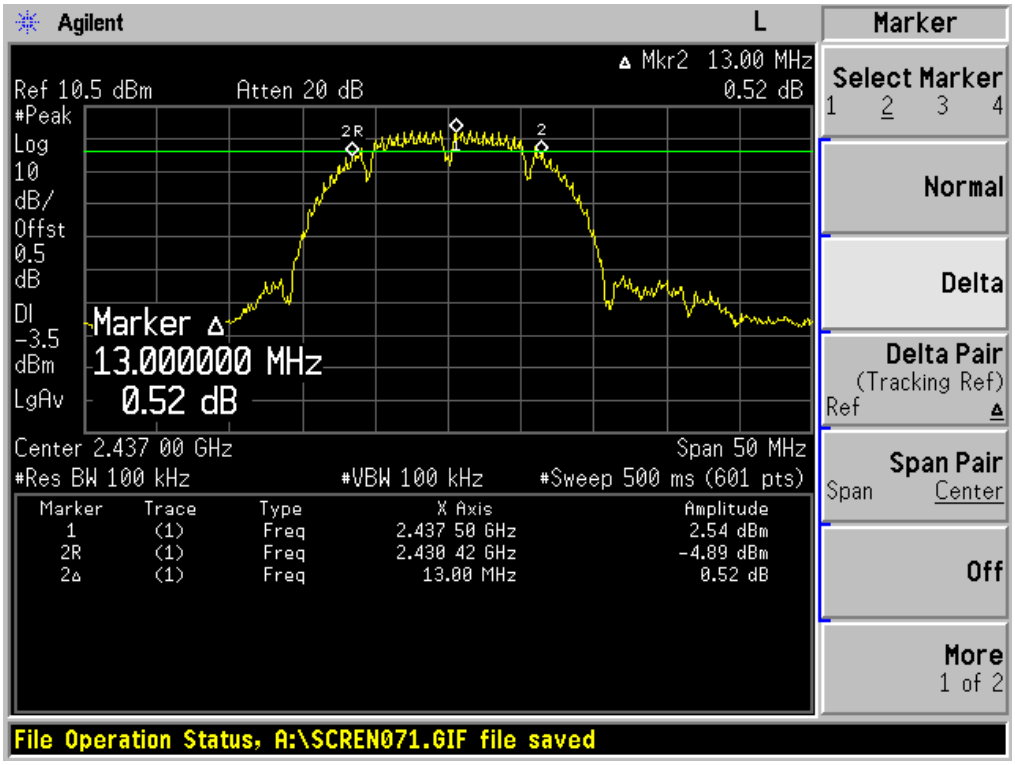
Channel 01 (2412MHz) - 6dB Bandwidth



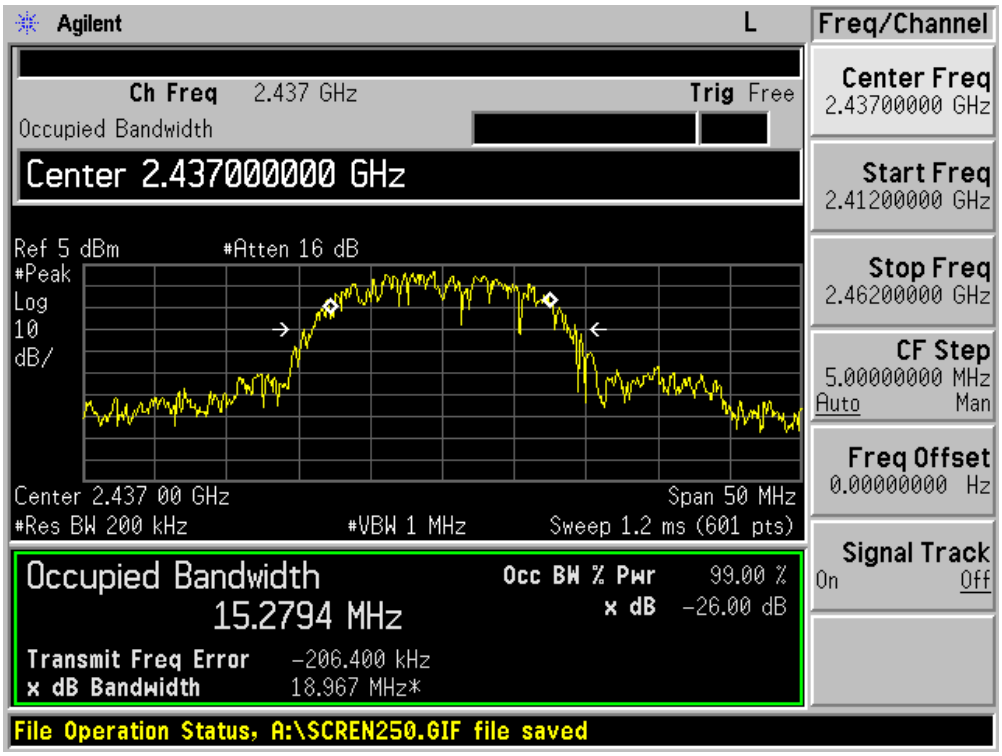
Channel 01 (2412MHz) - 26dB Bandwidth



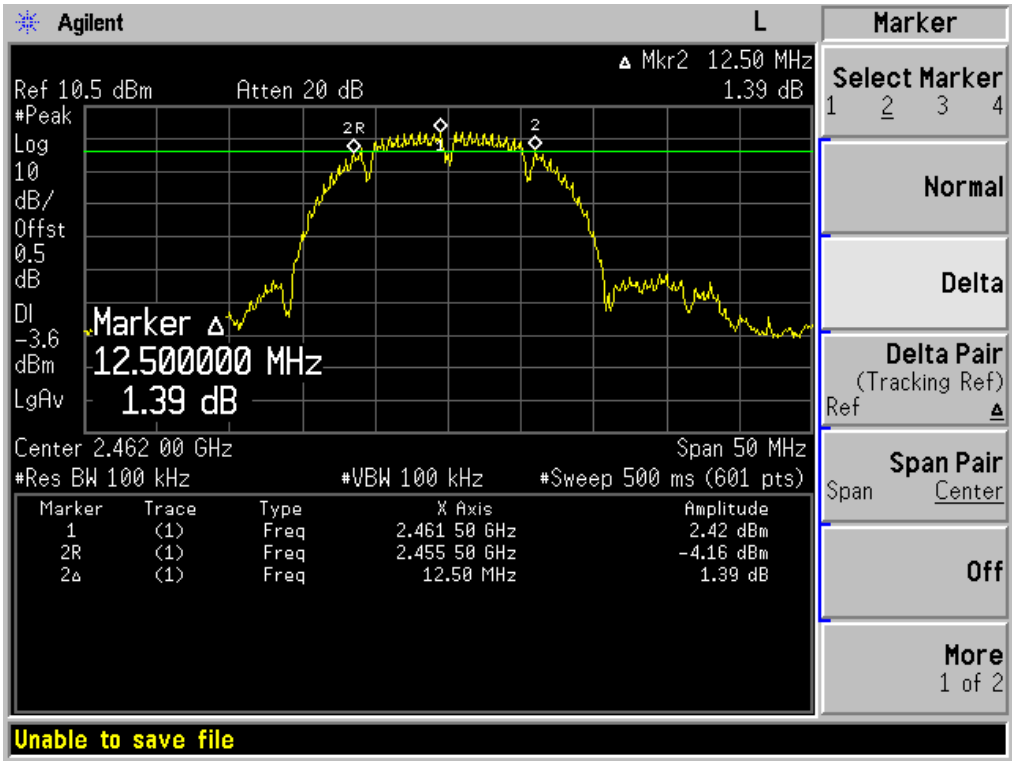
Channel 06 (2437MHz) - 6dB Bandwidth



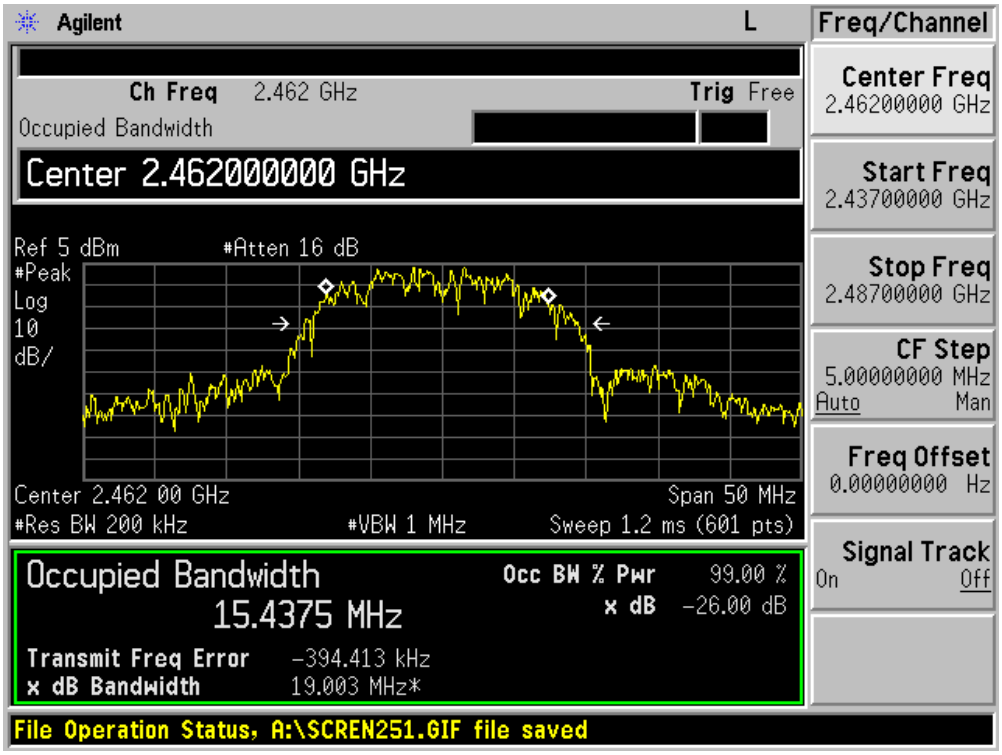
Channel 06 (2437MHz) - 26dB Bandwidth



Channel 11 (2462MHz) - 6dB Bandwidth



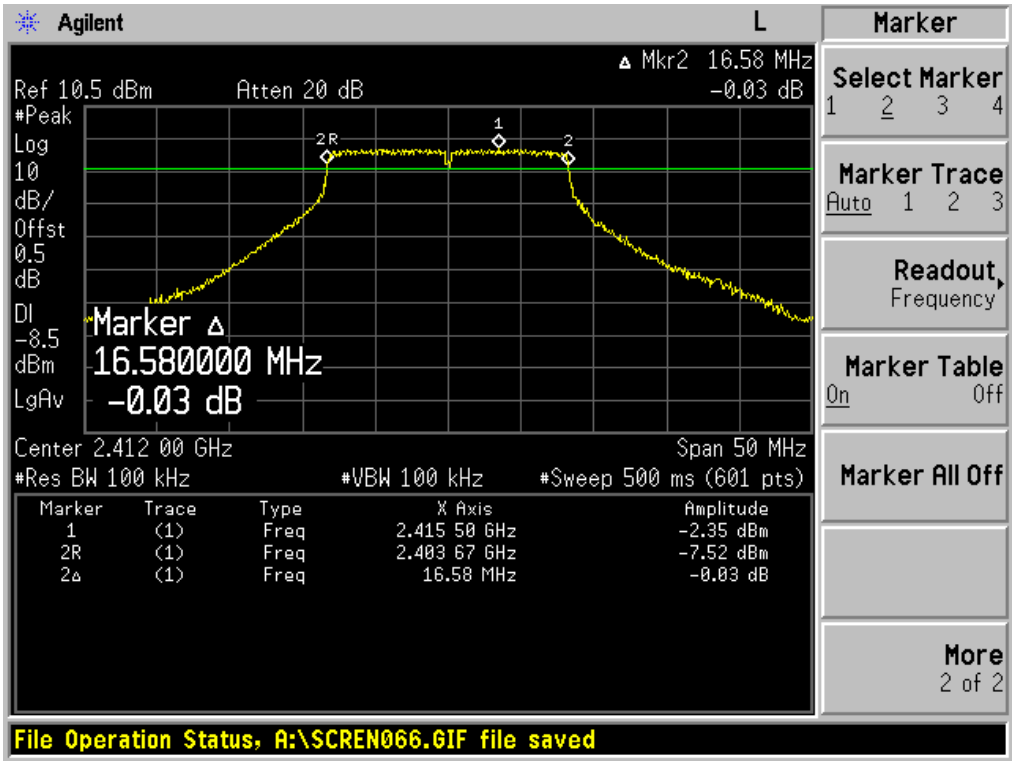
Channel 11 (2462MHz) - 26dB Bandwidth



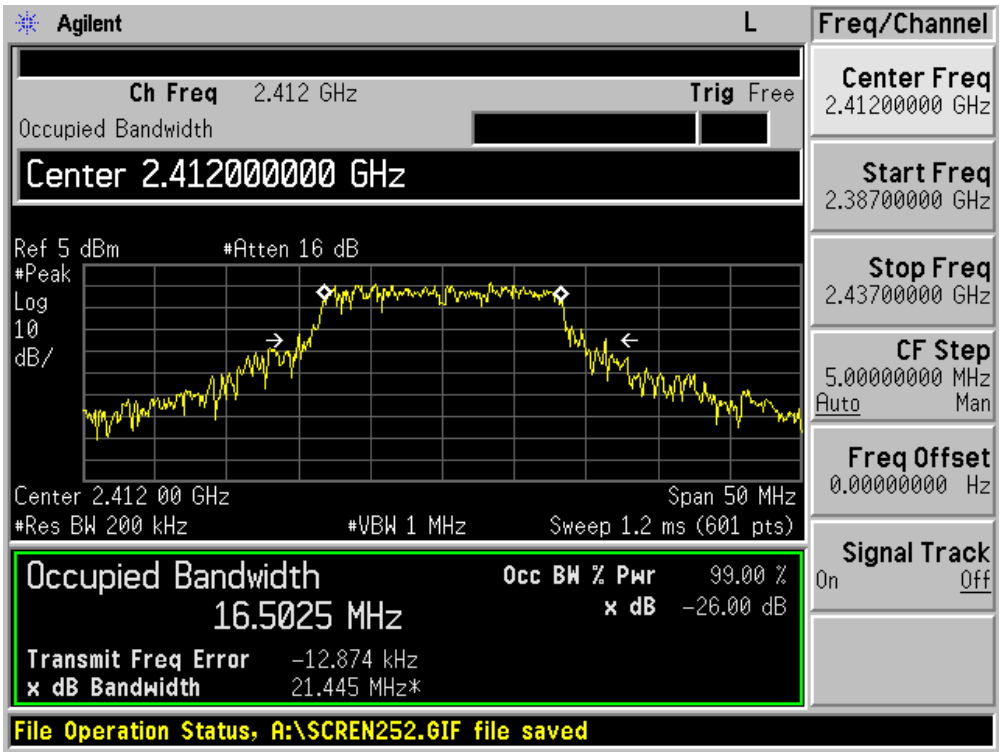
Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Occupied Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 3: Transmit by 802.11g

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	16580	500	Pass
06	2437	16670	500	Pass
11	2462	16670	500	Pass

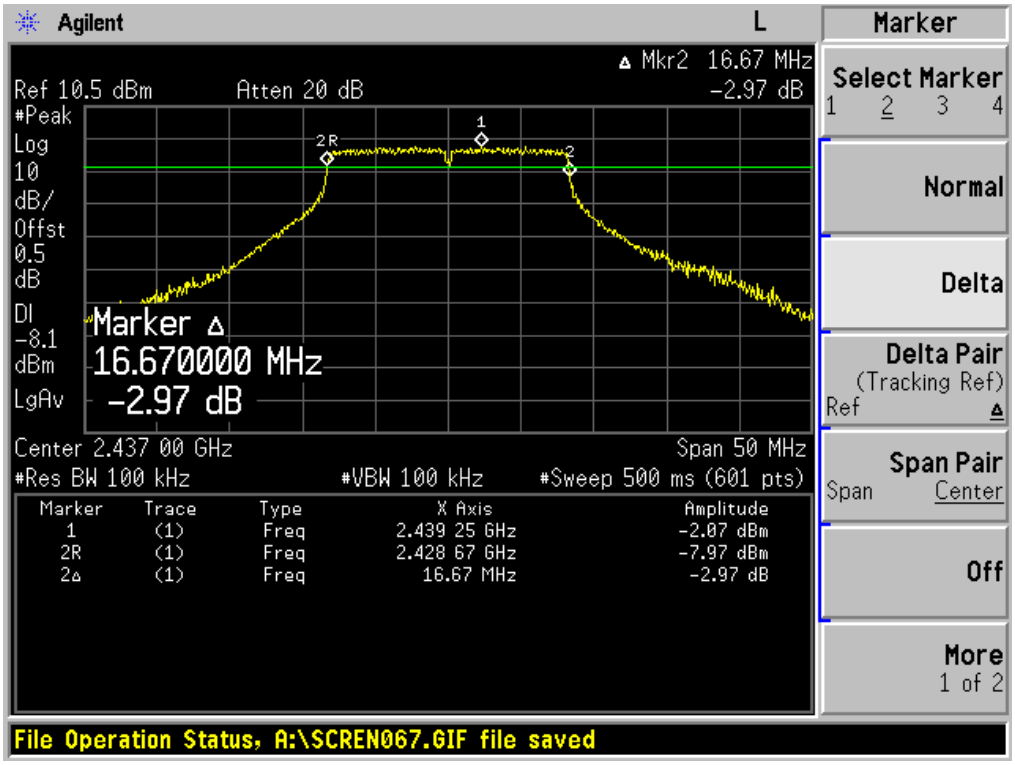
Channel 01 (2412MHz) - 6dB Bandwidth



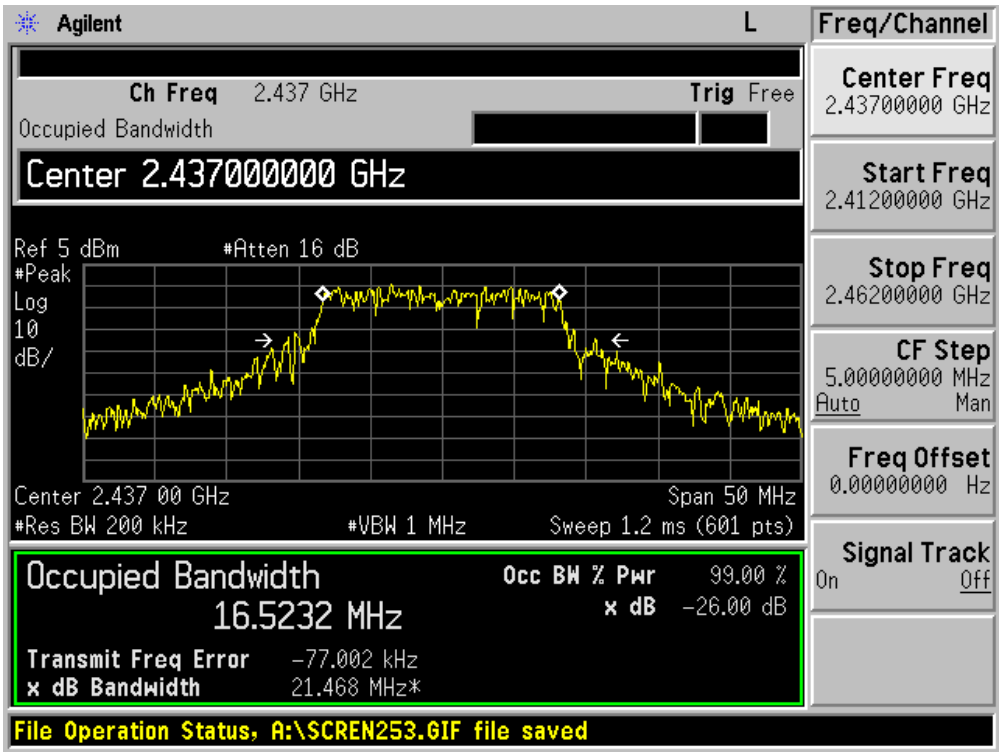
Channel 01 (2412MHz) - 26dB Bandwidth



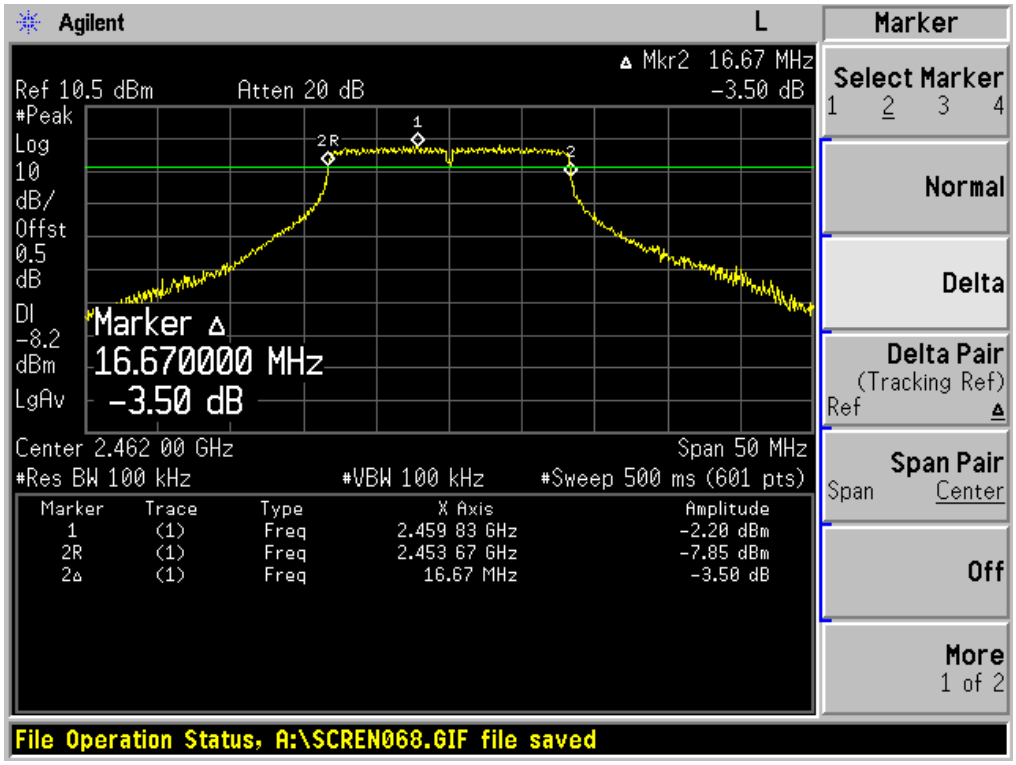
Channel 06 (2437MHz) - 6dB Bandwidth



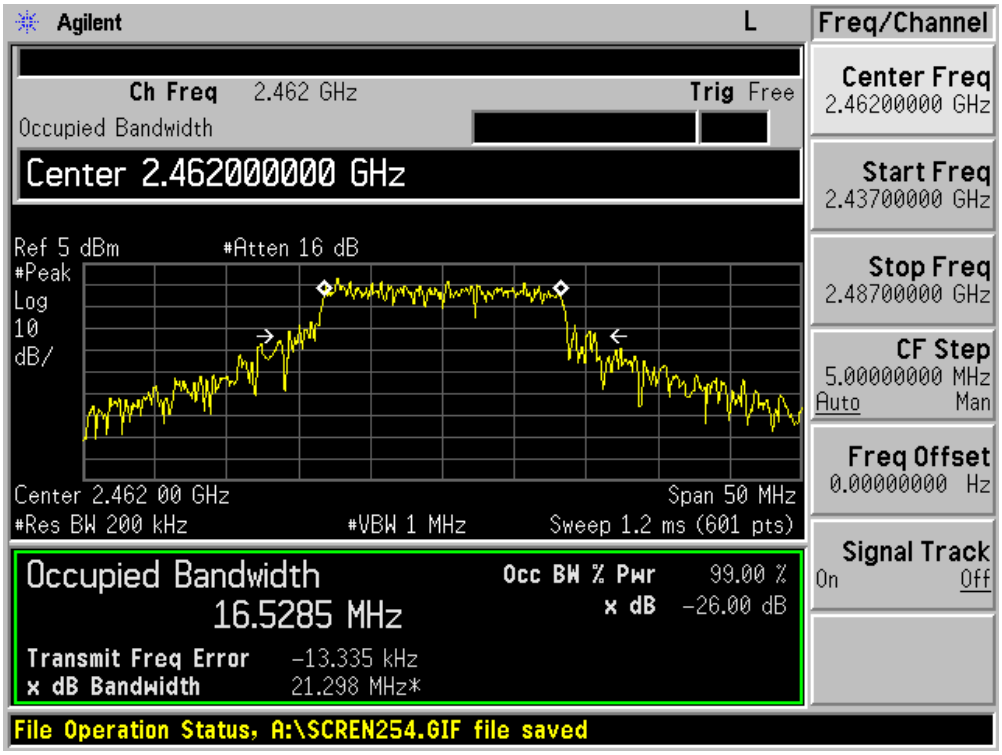
Channel 06 (2437MHz) - 26dB Bandwidth



Channel 11 (2462MHz) - 6dB Bandwidth



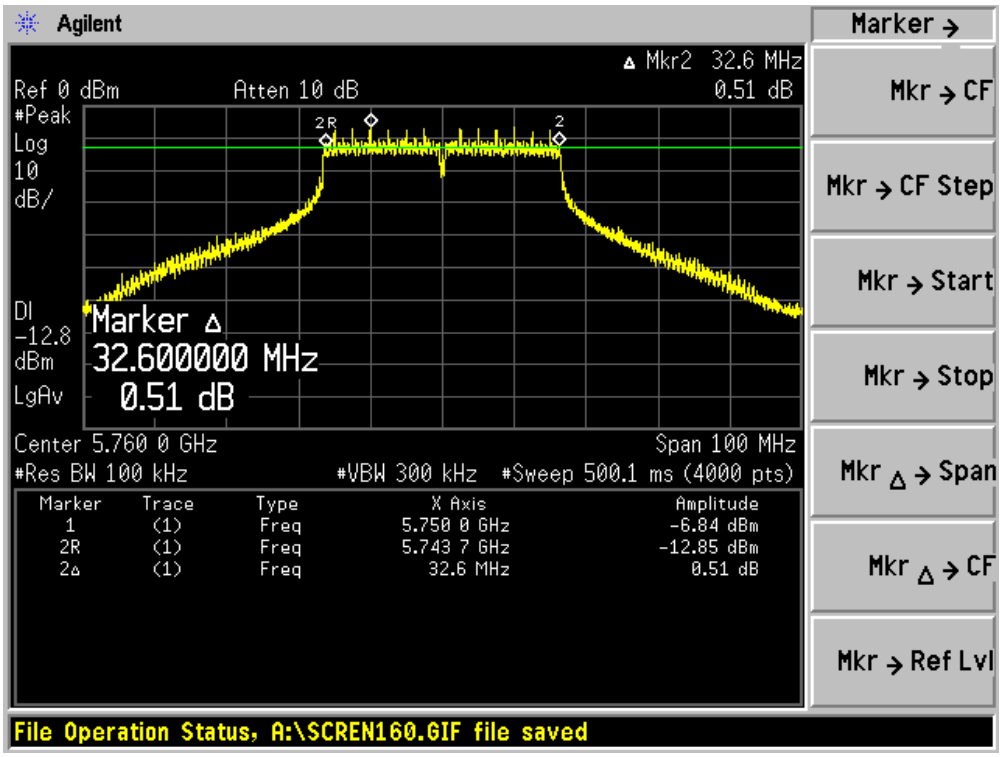
Channel 11 (2462MHz) - 26dB Bandwidth



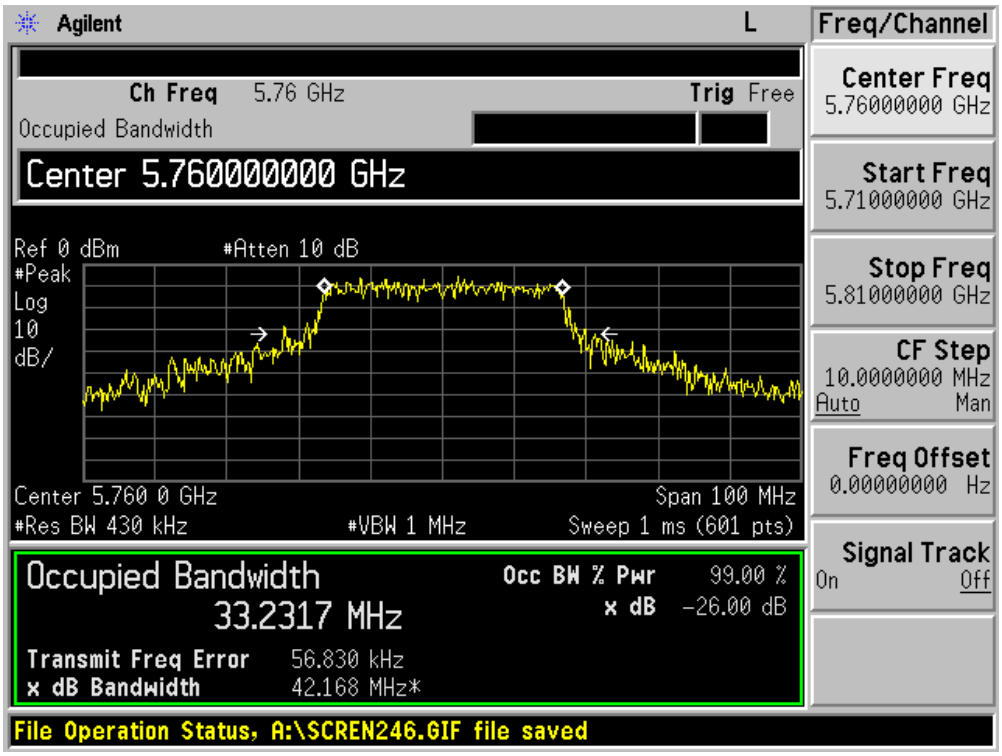
Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Occupied Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 4: Transmit by Super 802.11a

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
10	5760	32600	500	Pass
12	5800	32600	500	Pass
13	5820	32500	500	Pass

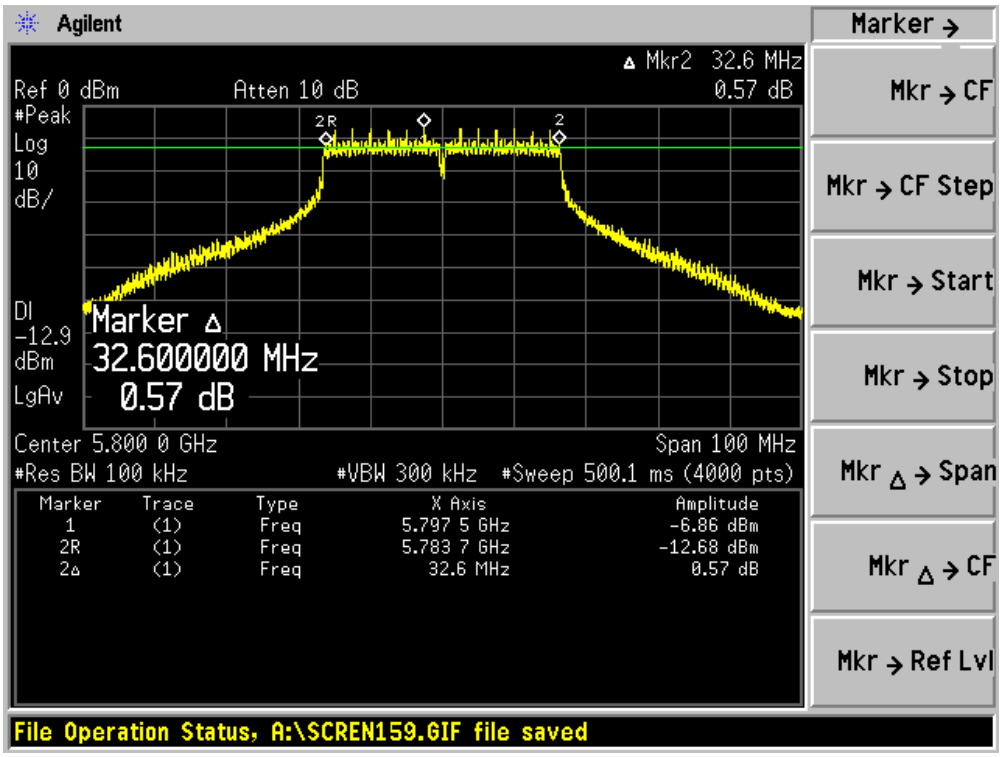
Channel 10 (5760MHz) - 6dB Bandwidth



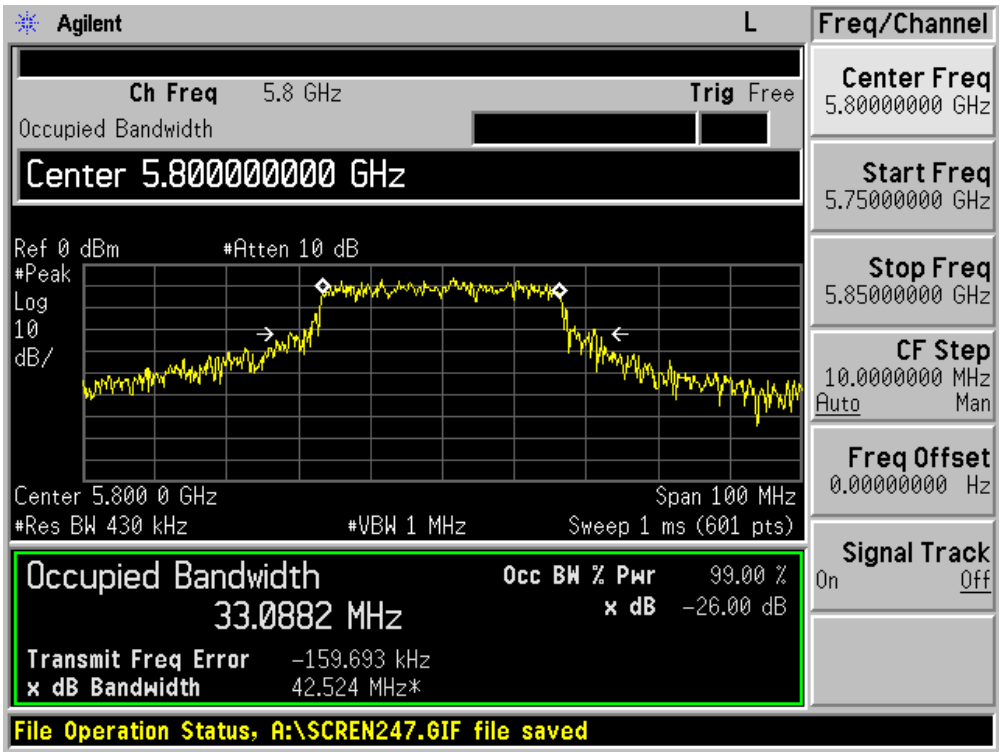
Channel 10 (5760MHz) - 26dB Bandwidth



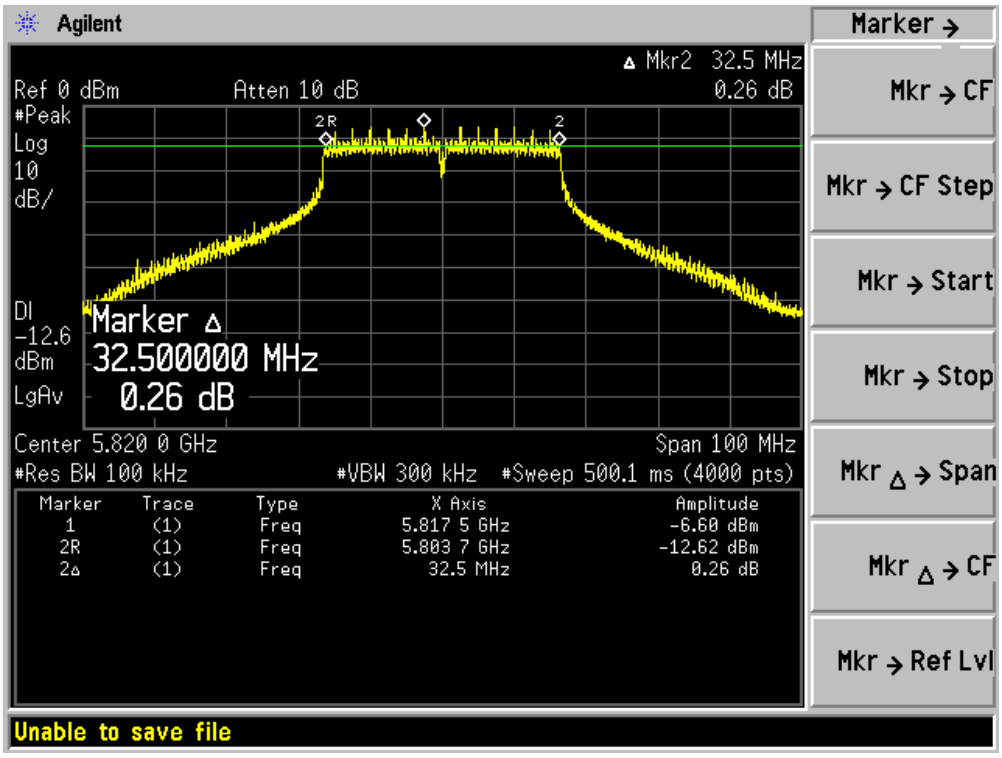
Channel 12 (5800MHz) - 6dB Bandwidth



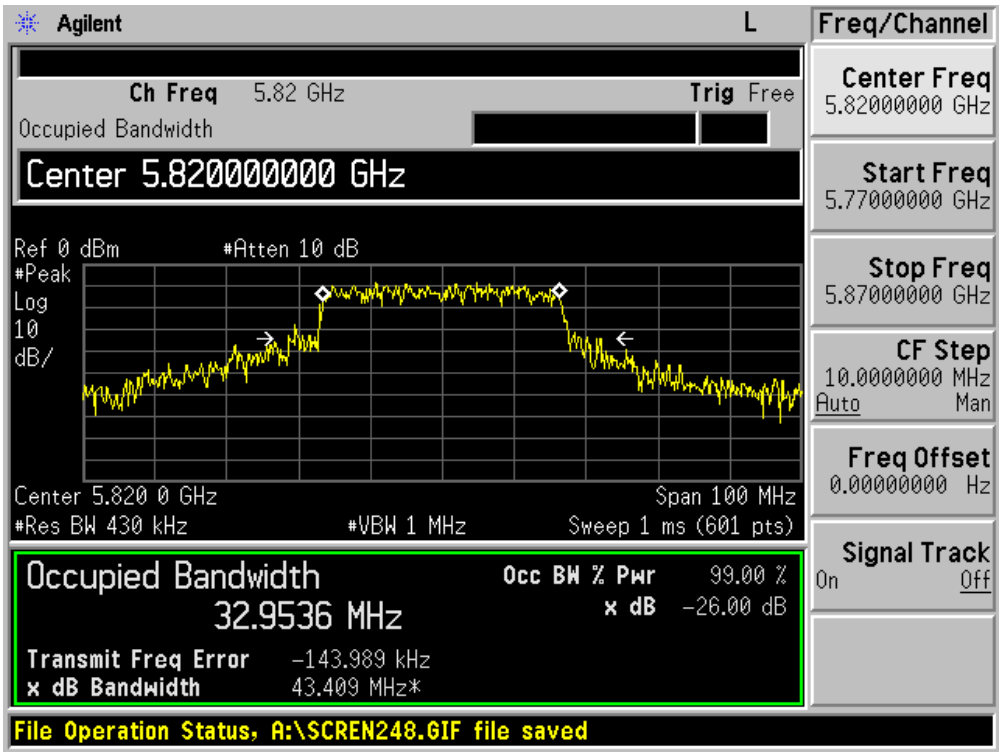
Channel 12 (5800MHz) - 26dB Bandwidth



Channel 13 (5820MHz) - 6dB Bandwidth



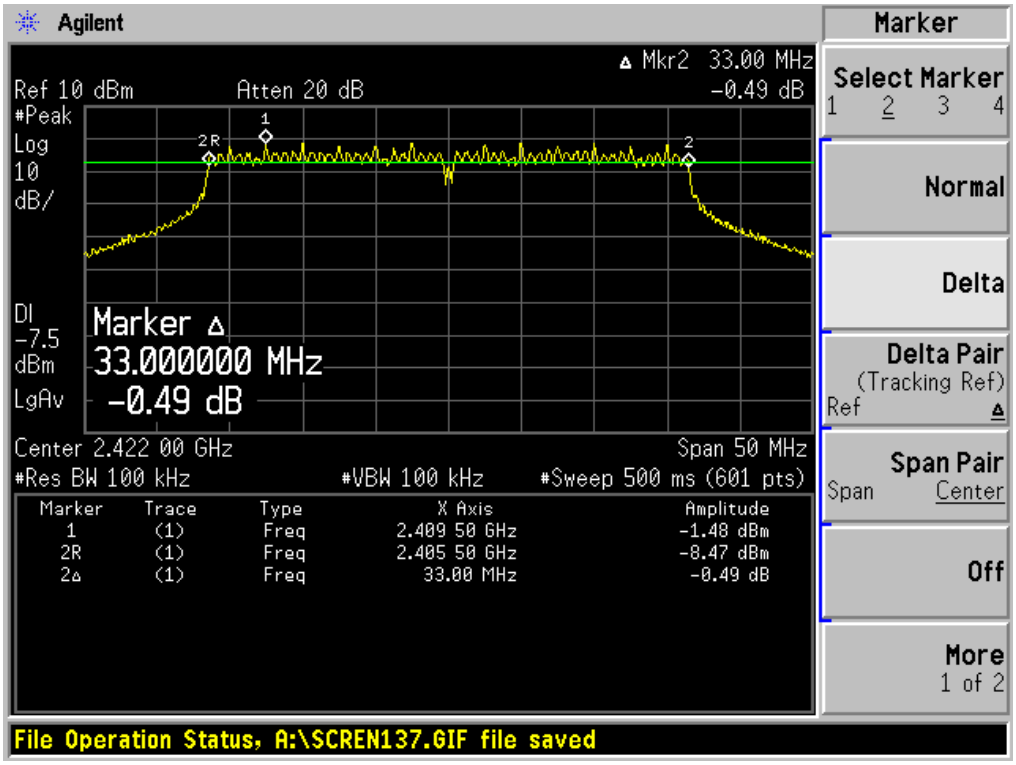
Channel 13 (5820MHz) - 26dB Bandwidth



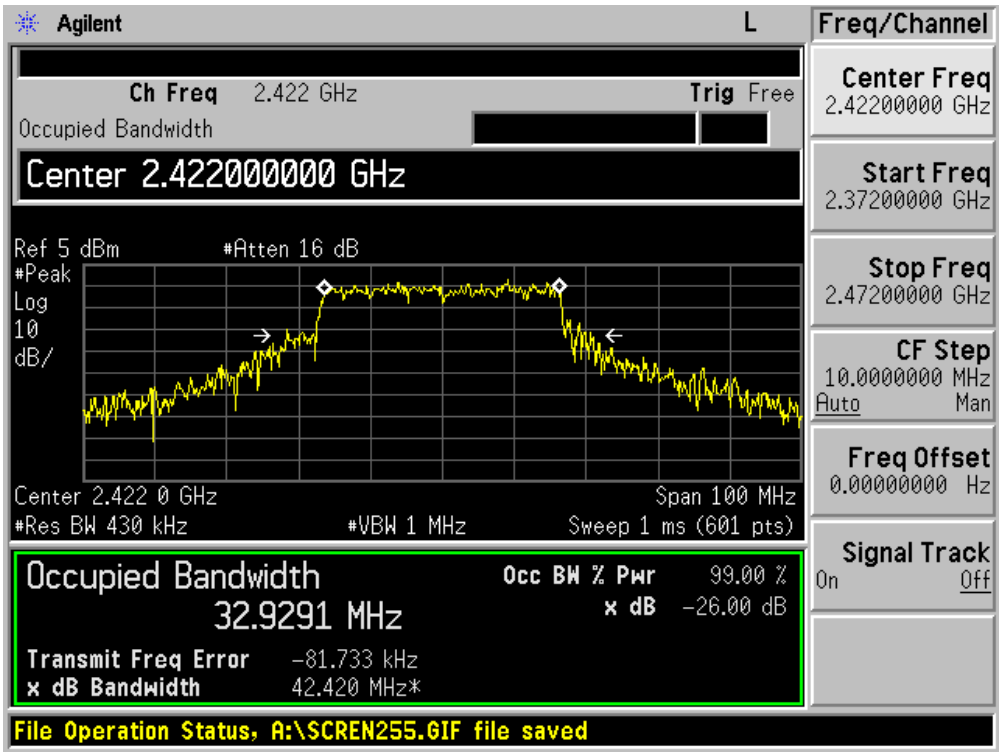
Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Occupied Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 5: Transmit by Super 802.11g

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
03	2422	33000	500	Pass
07	2442	32920	500	Pass
11	2462	33080	500	Pass

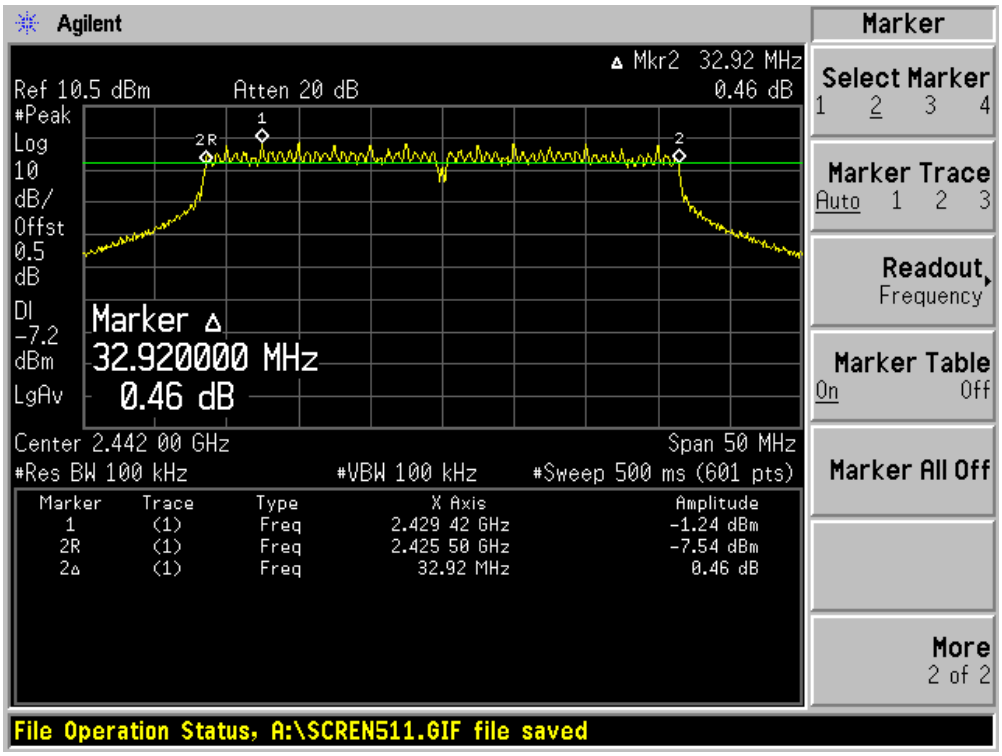
Channel 03 (2422MHz) - 6dB Bandwidth



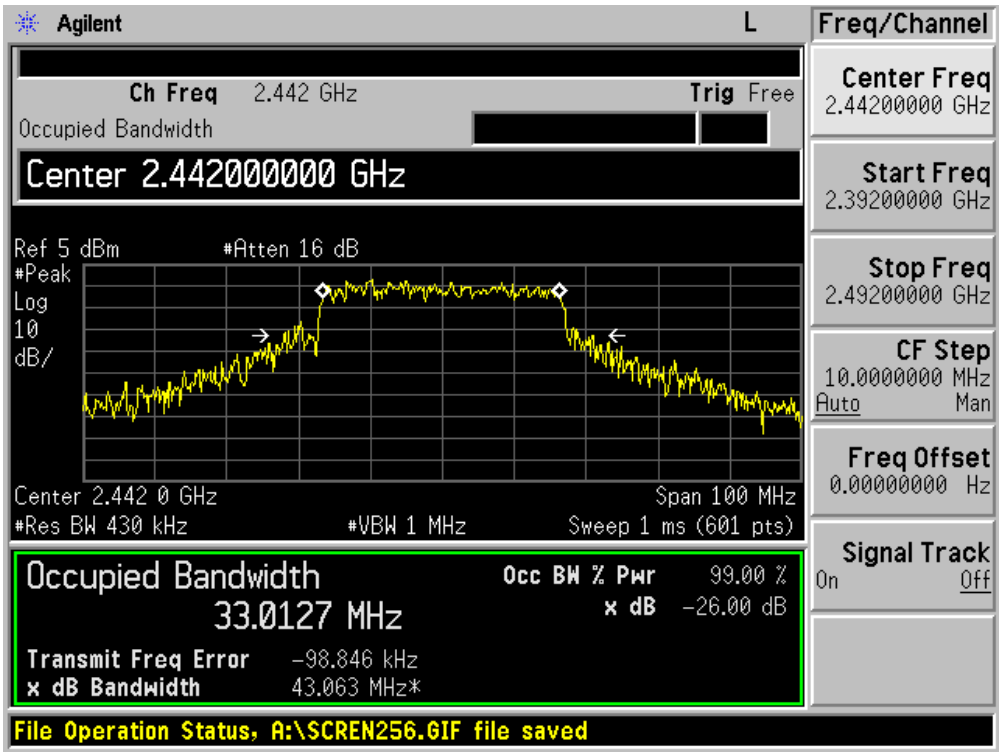
Channel 03 (2422MHz) - 26dB Bandwidth



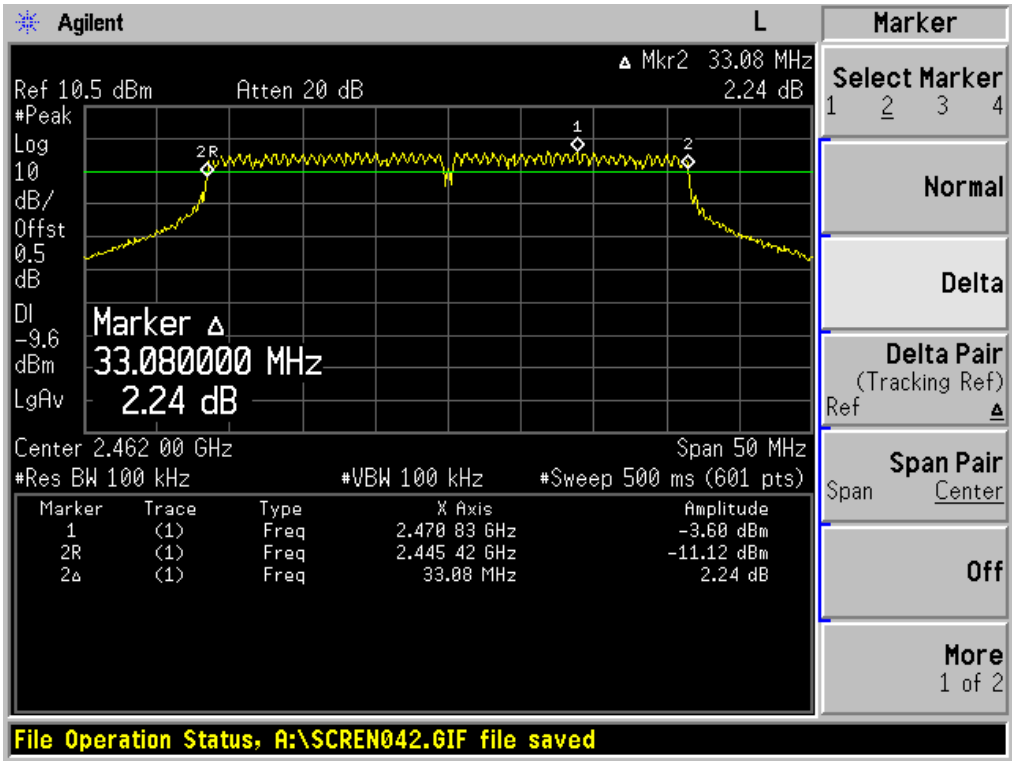
Channel 07 (2442MHz) - 6dB Bandwidth



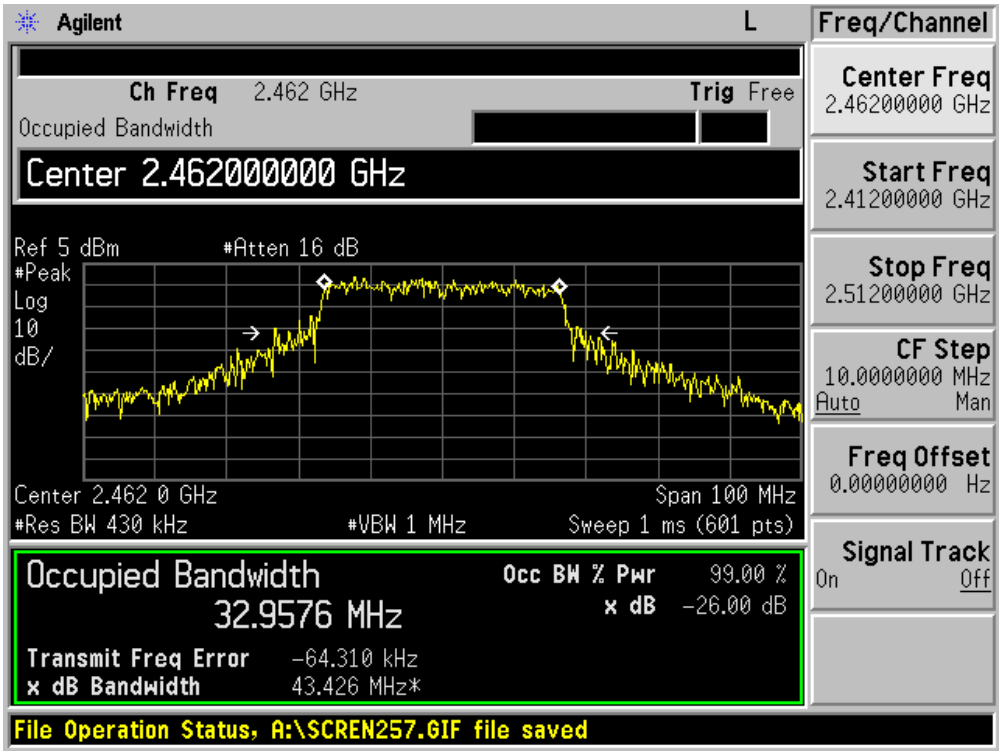
Channel 07 (2442MHz) - 26dB Bandwidth



Channel 11 (2462MHz) - 6dB Bandwidth



Channel 11 (2462MHz) - 26dB Bandwidth



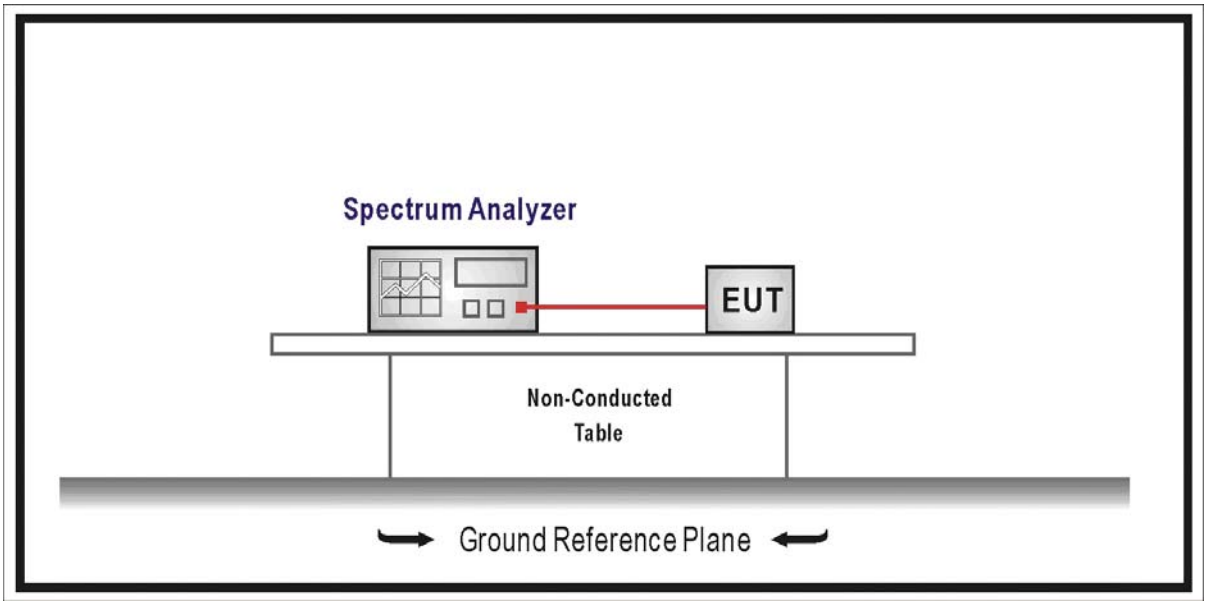
7. Power Output

7.1. Test Equipment

Power Output / AC-3

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2007/06/11
Coaxial Cable	Huber+Suhner	AC3-RF	08	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH003	2007/03/31

7.2. Test Setup



7.3. Limit

The maximum peak power shall be less 1Watt (30dBm).
The conducted output power limit is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of standard FCC part 15.247, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values above, by the amount in dB that the directional gain of the antenna exceeds dBi.

7.4. Test Procedure

According to the FCC Measurement Techniques: KDB Publication No. 558074
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.

7.5. Uncertainty

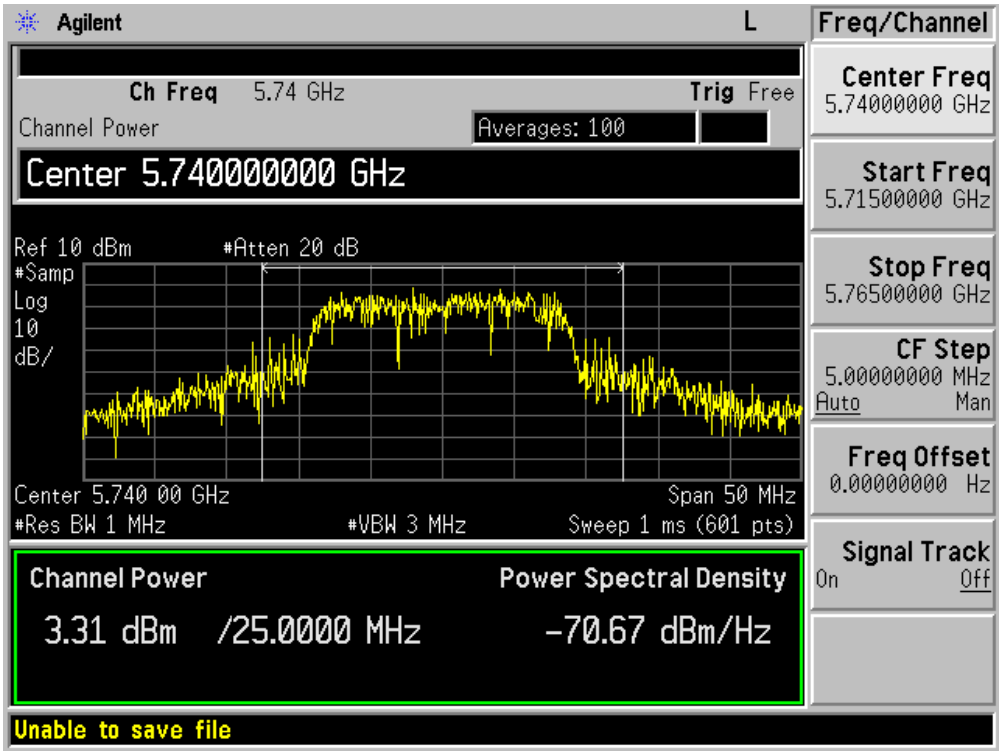
The measurement uncertainty is defined as ± 1.27 dB

7.6. Test Result

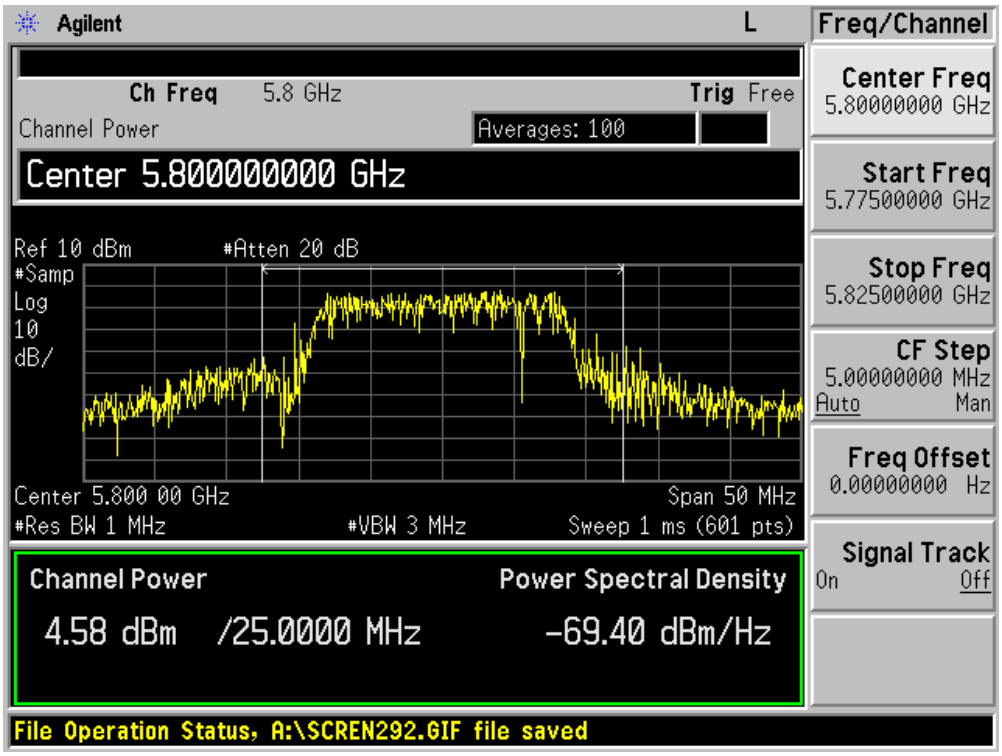
Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Power Output
Test Site	:	AC-3
Test Mode	:	Mode 1: Transmit by 802.11a

Add an 10dB Attenuator					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement Power (dBm)	Required Limit (dBm)	Result
09	5740.00	3.31	13.31	30.00	Pass
12	5800.00	4.58	14.58	30.00	Pass
14	5840.00	4.10	14.10	30.00	Pass

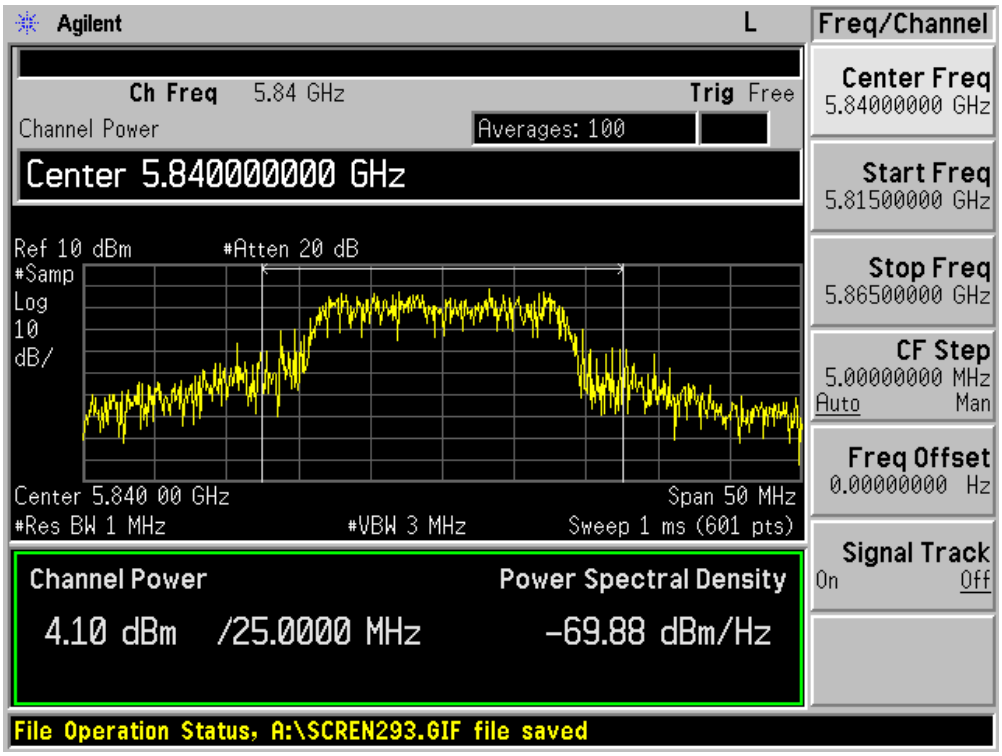
Channel 09 (5740MHz)



Channel 12 (5800MHz)



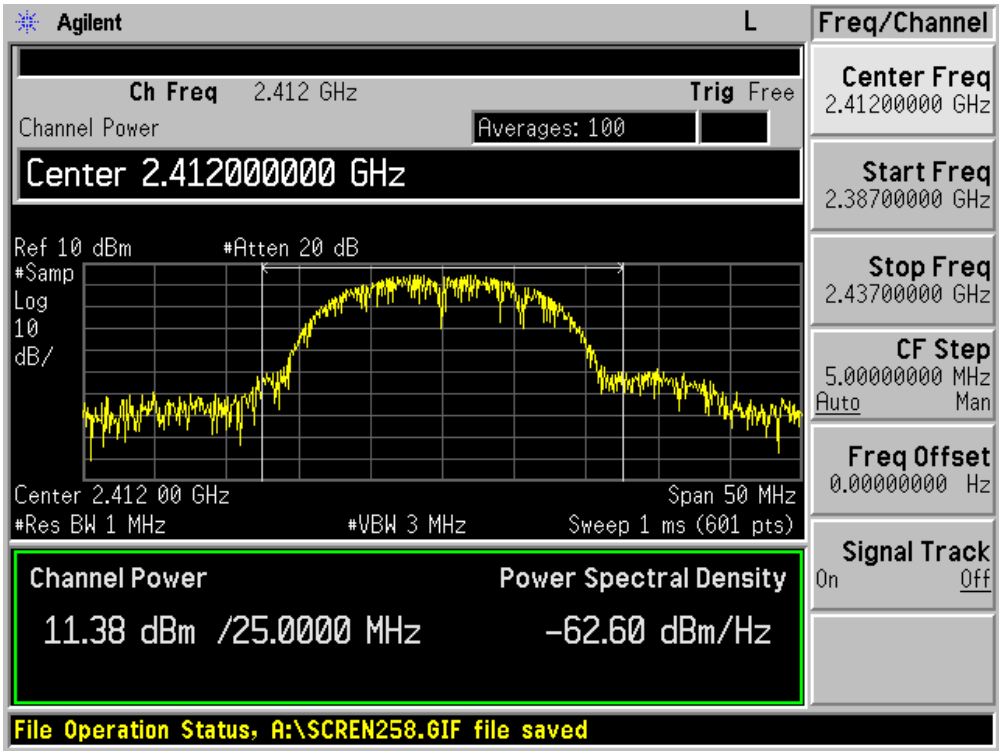
Channel 14 (5840MHz)



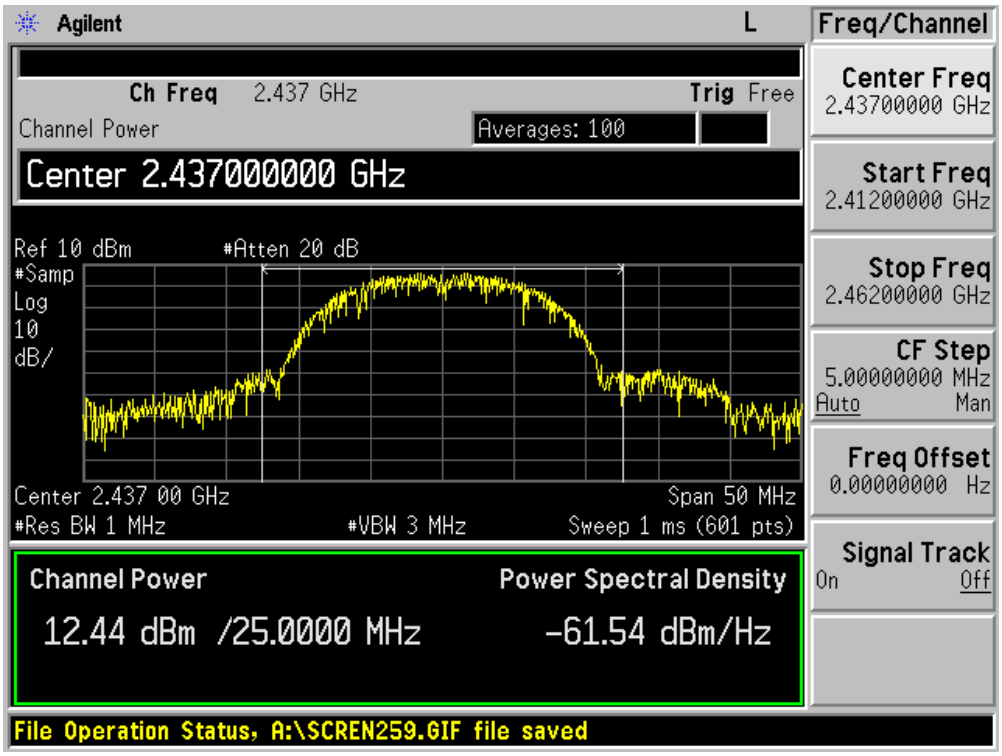
Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Power Output
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by 802.11b

Channel No.	Frequency (MHz)	Measurement Power (dBm)	Required Limit (dBm)	Result
01	2412.00	11.38	30.00	Pass
06	2437.00	12.44	30.00	Pass
11	2462.00	12.85	30.00	Pass

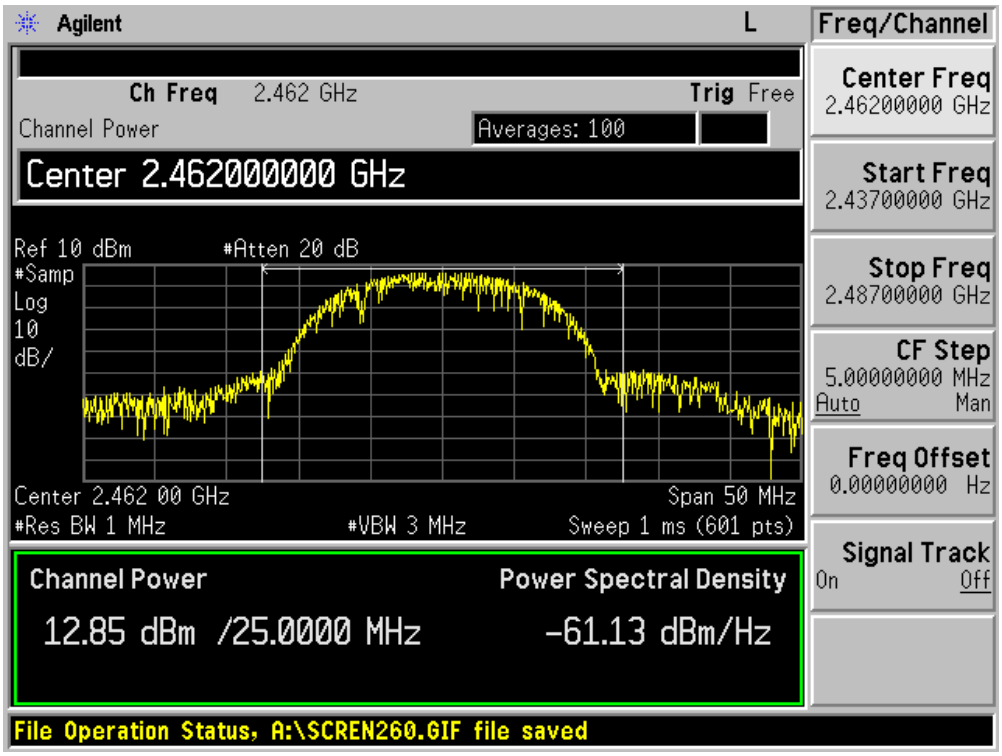
Channel 01 (2412MHz)



Channel 06 (2437MHz)



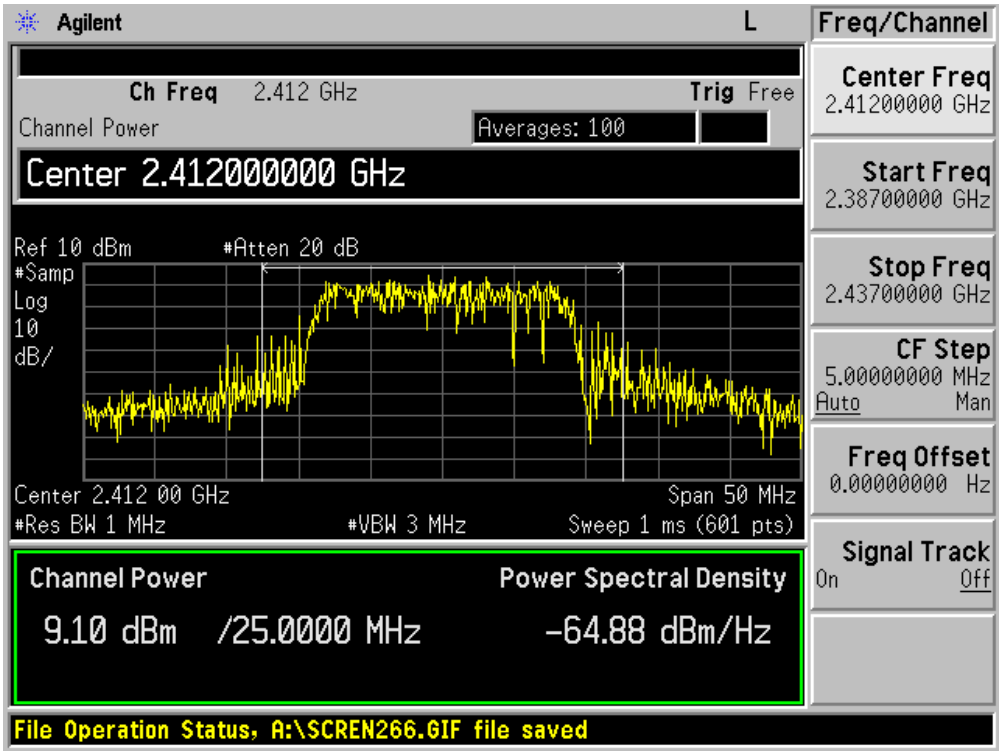
Channel 11 (2462MHz)



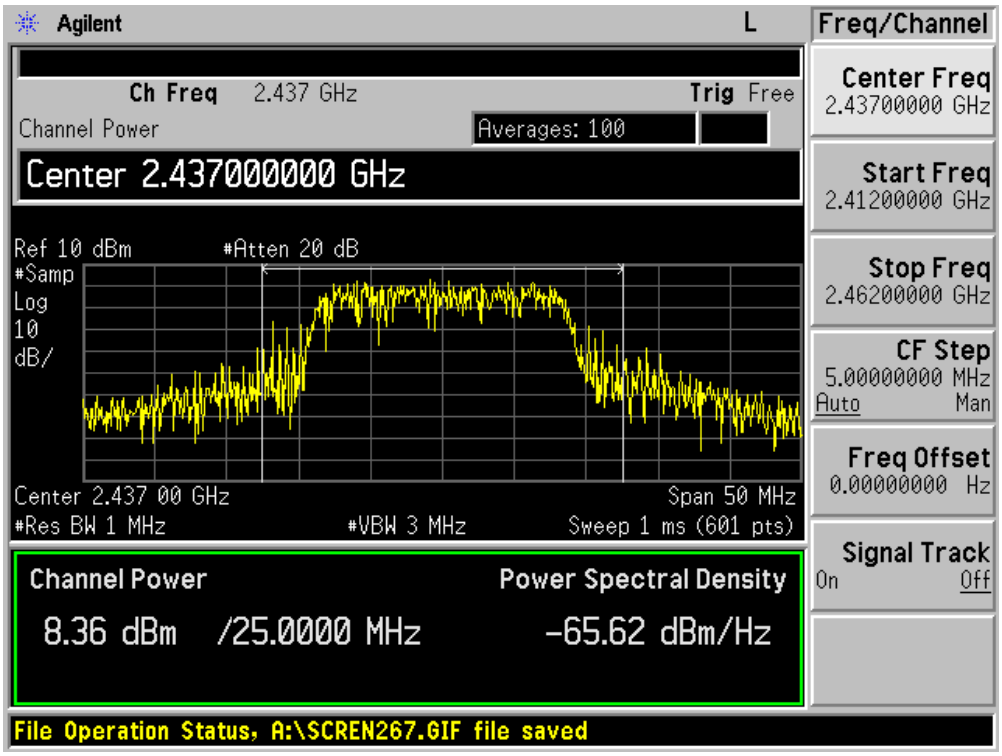
Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Power Output
Test Site	:	AC-3
Test Mode	:	Mode 3: Transmit by 802.11g

Channel No.	Frequency (MHz)	Measurement Power (dBm)	Required Limit (dBm)	Result
01	2412.00	9.10	30.00	Pass
06	2437.00	8.36	30.00	Pass
11	2462.00	9.46	30.00	Pass

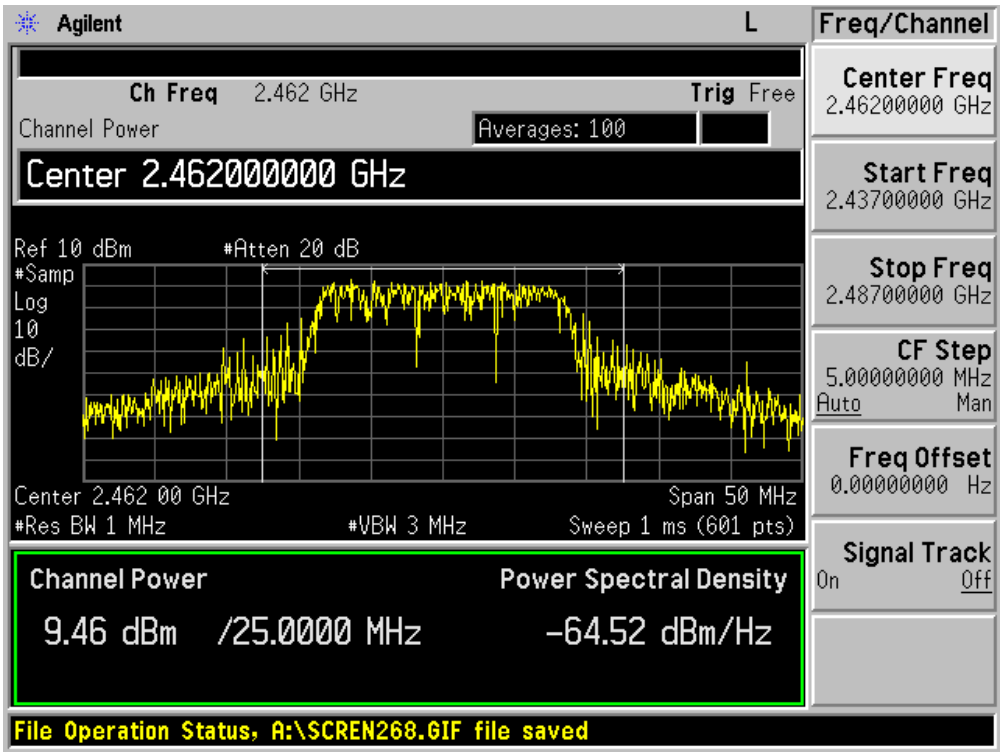
Channel 01 (2412MHz)



Channel 06 (2437MHz)



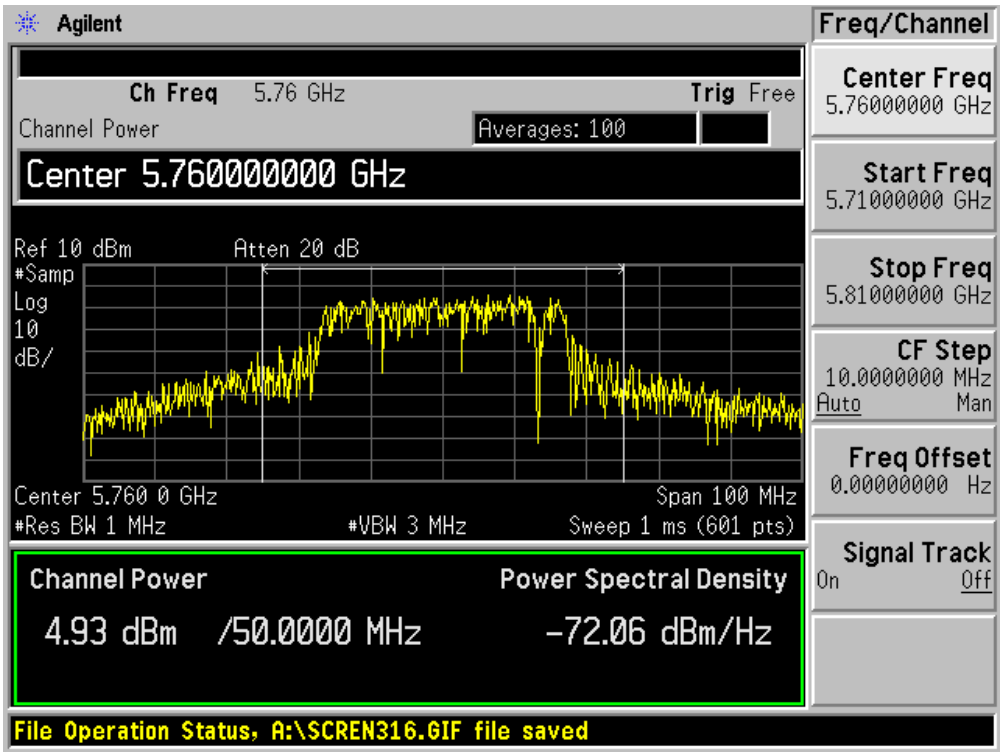
Channel 11 (2462MHz)



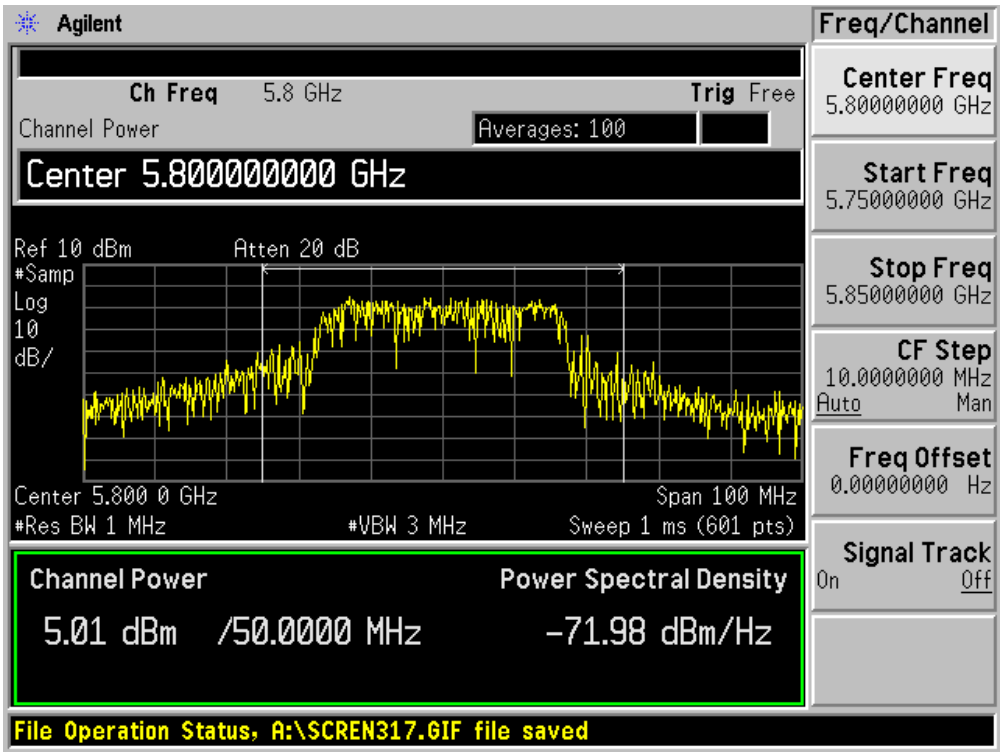
Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Power Output
Test Site	:	AC-3
Test Mode	:	Mode 4: Transmit by Super 802.11a

Add an 10dB Attenuator					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement Power (dBm)	Required Limit (dBm)	Result
10	5760.00	4.93	14.93	30.00	Pass
12	5800.00	5.01	15.01	30.00	Pass
13	5820.00	3.66	13.66	30.00	Pass

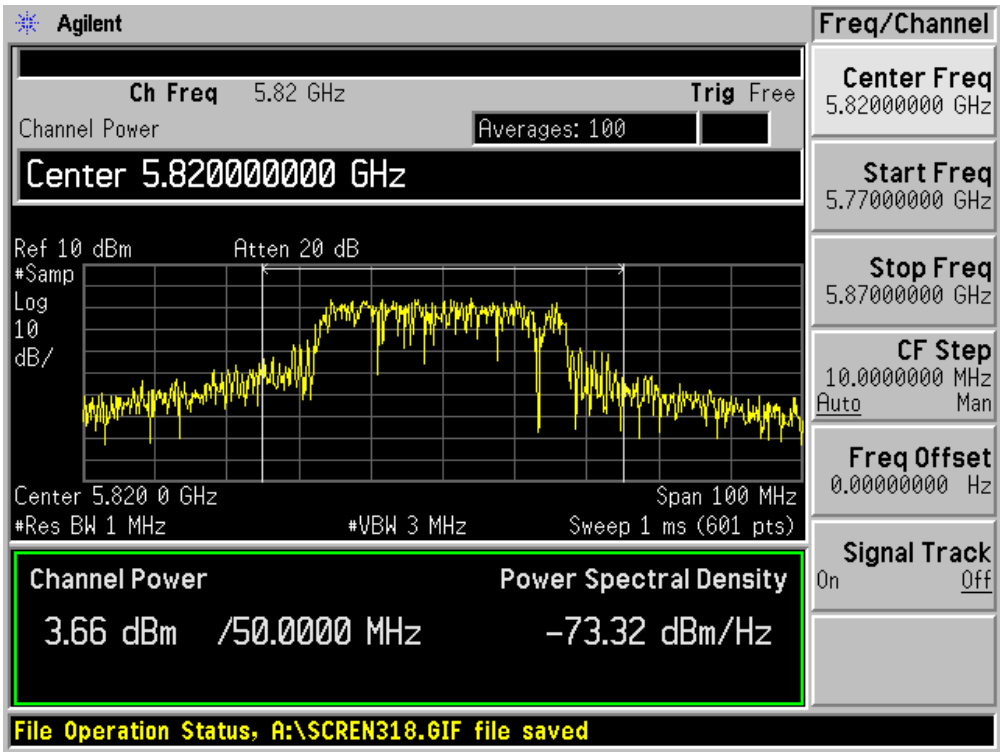
Channel 10 (5760MHz)



Channel 12 (5800MHz)



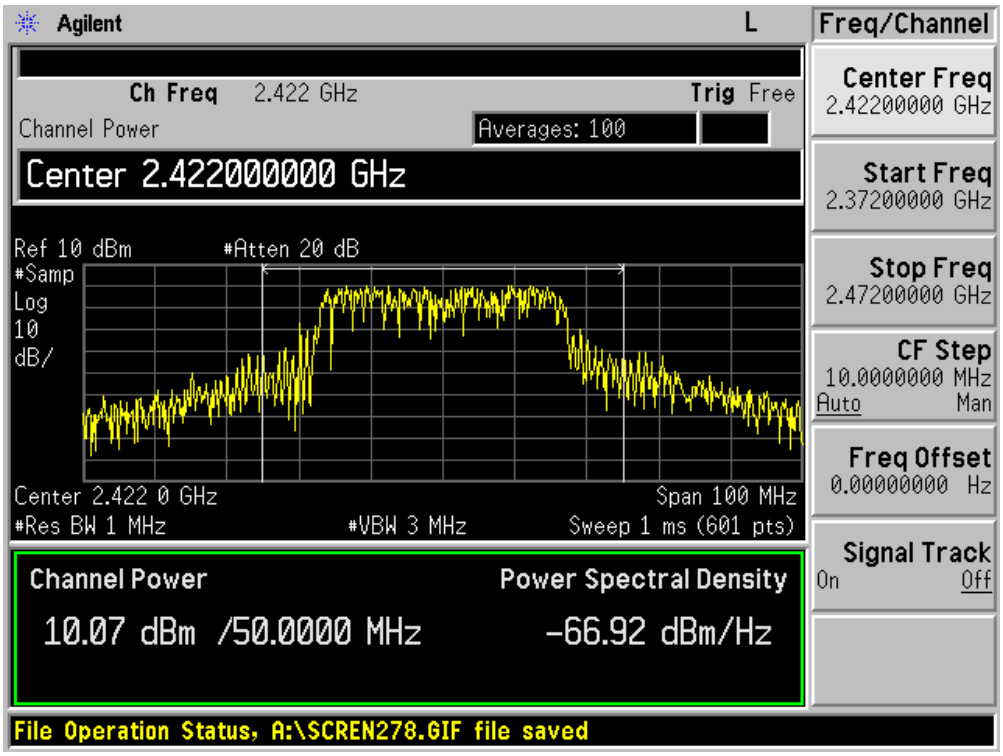
Channel 13 (5820MHz)



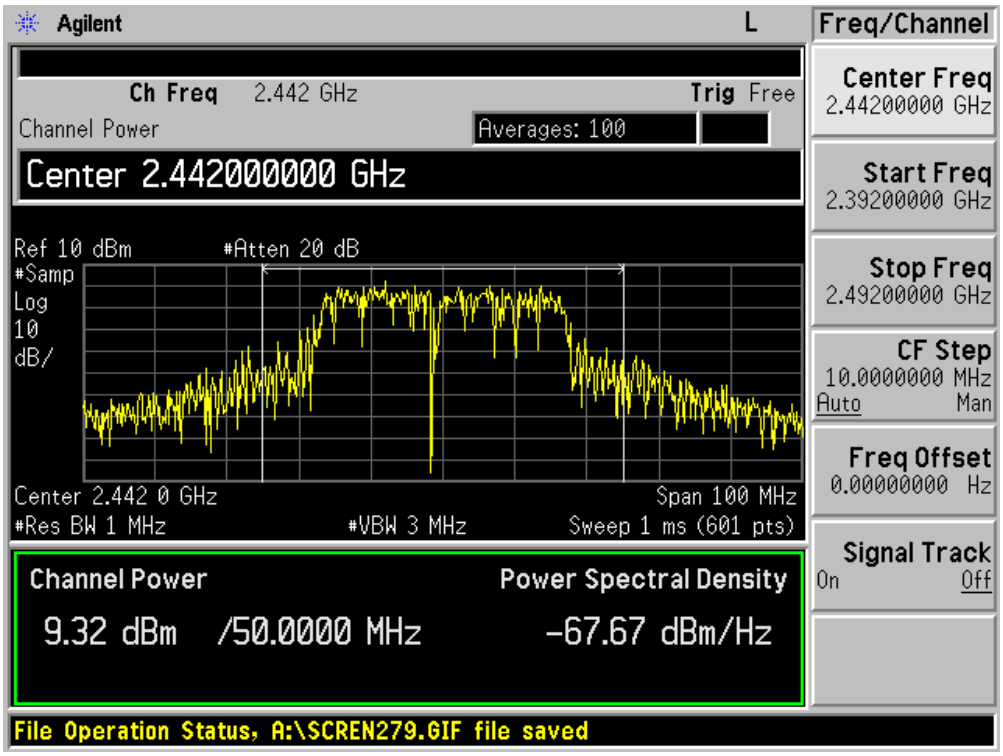
Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Peak Power Output
Test Site	:	AC-3
Test Mode	:	Mode 5: Transmit by Super 802.11g

Channel No.	Frequency (MHz)	Measurement Power (dBm)	Required Limit (dBm)	Result
03	2422.00	10.07	30.00	Pass
07	2442.00	9.32	30.00	Pass
11	2462.00	10.27	30.00	Pass

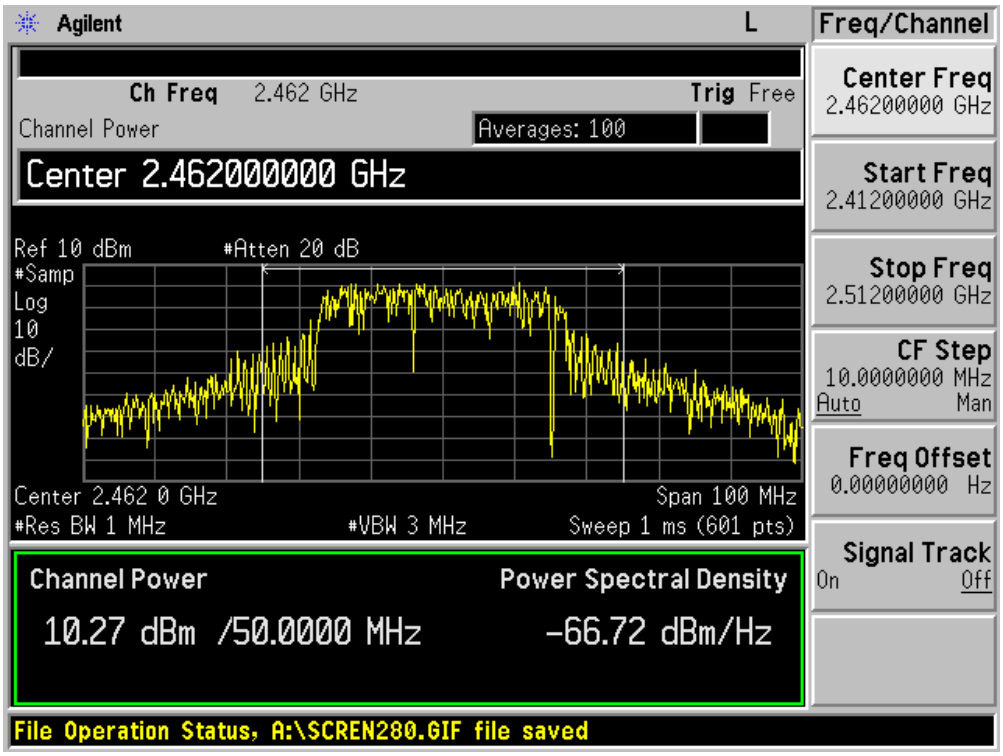
Channel 01 (2422MHz)



Channel 07 (2442MHz)



Channel 11 (2462MHz)



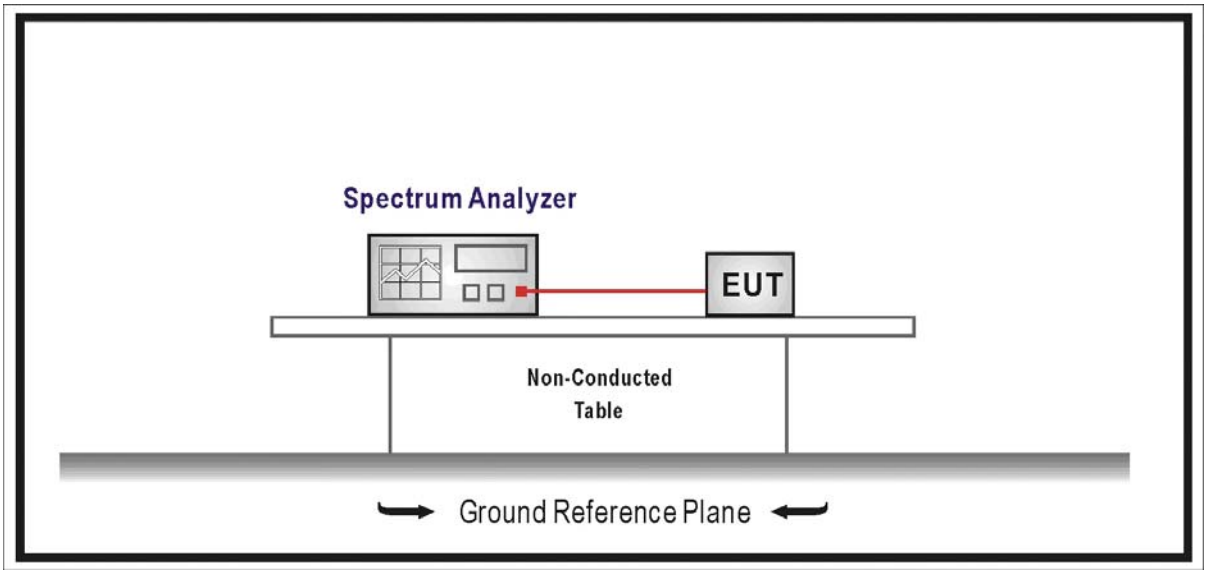
8. Frequency Range of 20dB Bandwidth

8.1. Test Equipment

Frequency Range of 20dB Bandwidth / AC-3

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2007/06/11
Coaxial Cable	Huber+Suhner	AC3-RF	08	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH003	2007/03/31

8.2. Test Setup



8.3. Limit

Intentional radiators operating under the alternative provisions to the general emission limits as contained in 15.217 through 15.257 and in Subpart E of FCC part 15, must be designed to ensure that 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

8.4. Test Procedure

According to the FCC Measurement Techniques: KDB Publication No. 558074

Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. In order to make an accurate measurement, set the span greater than RBW. The marker point of 20 dB bandwidth must be contained within the frequency band designated in the rule

section under which the equipment is operated.

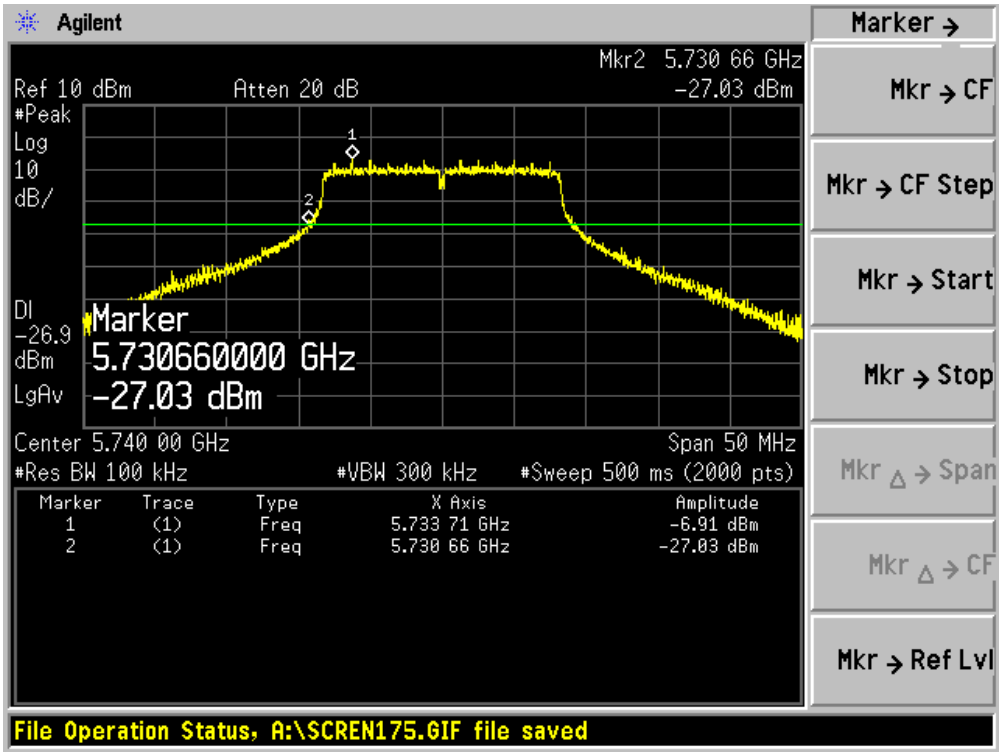
8.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

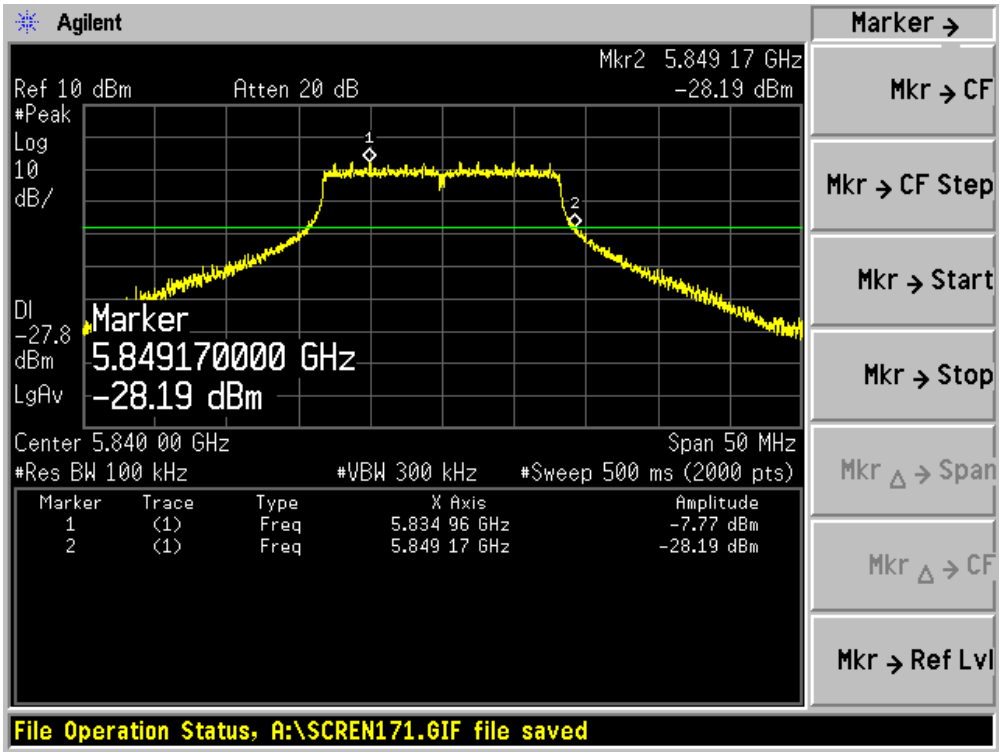
8.6. Test Result

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Frequency Range of 20dB Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 1: Transmit by 802.11a

Channel 09 (5740MHz)

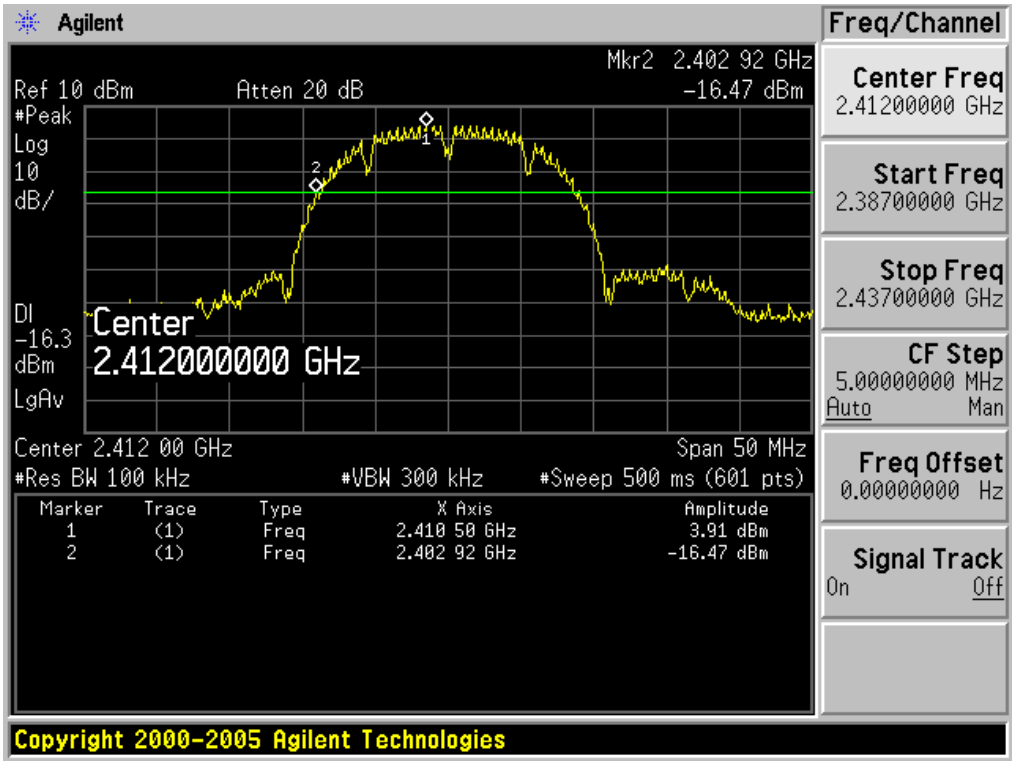


Channel 14 (5840MHz)

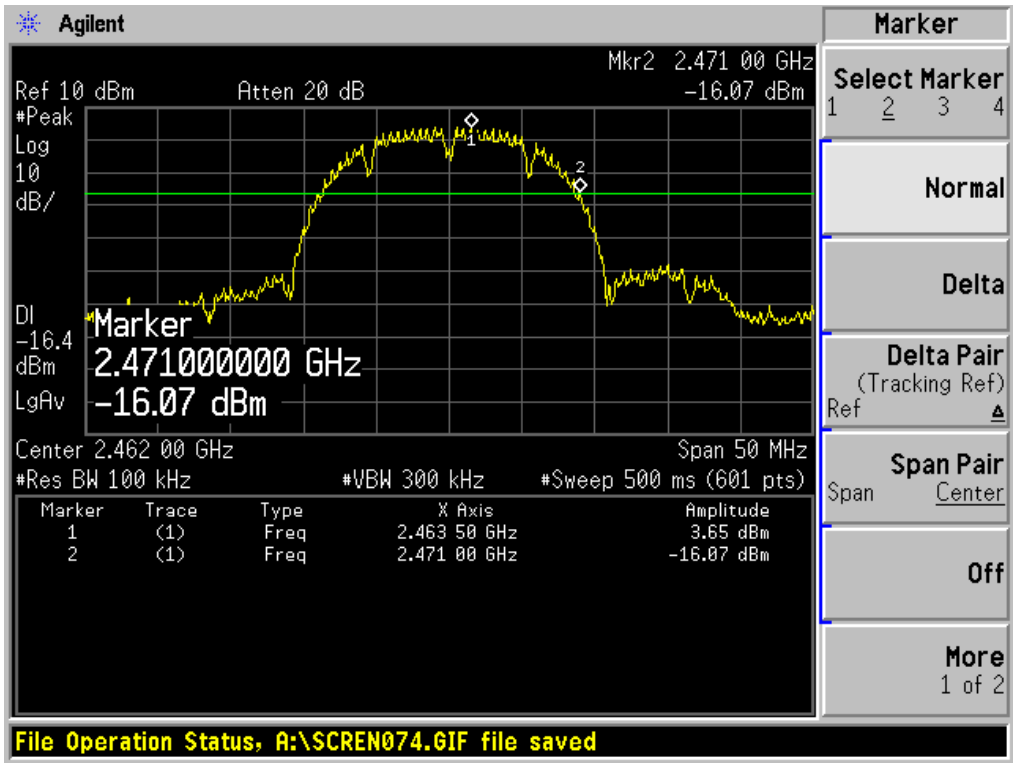


Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Frequency Range of 20dB Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by 802.11b

Channel 01 (2412MHz)

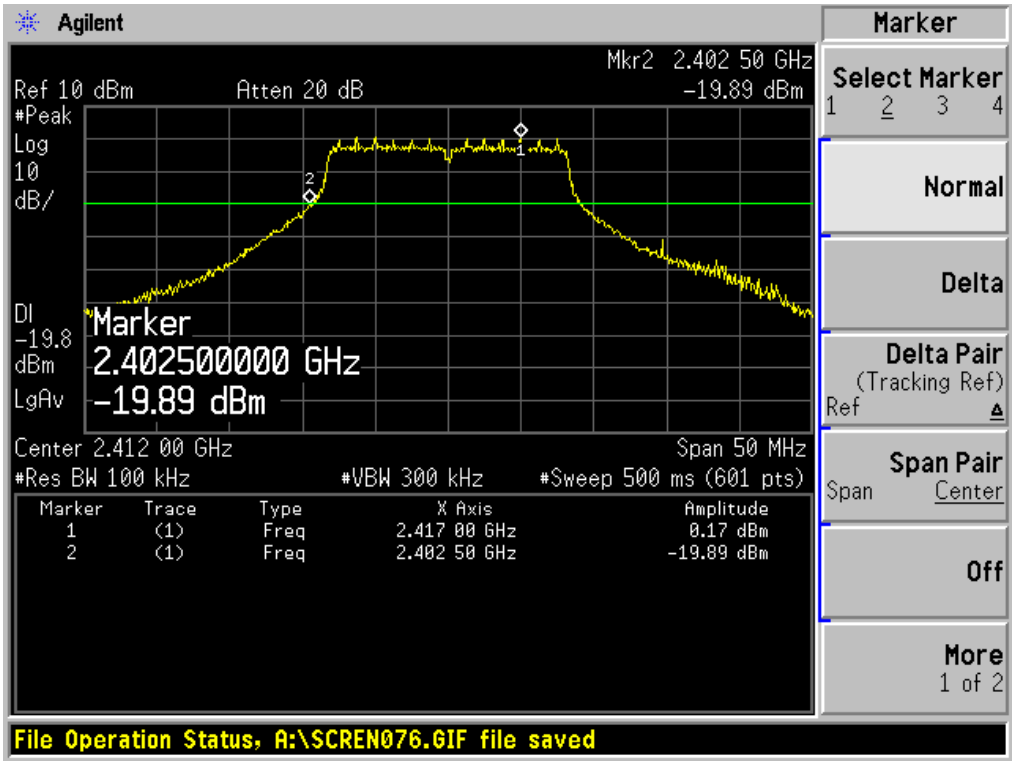


Channel 11 (2462MHz)

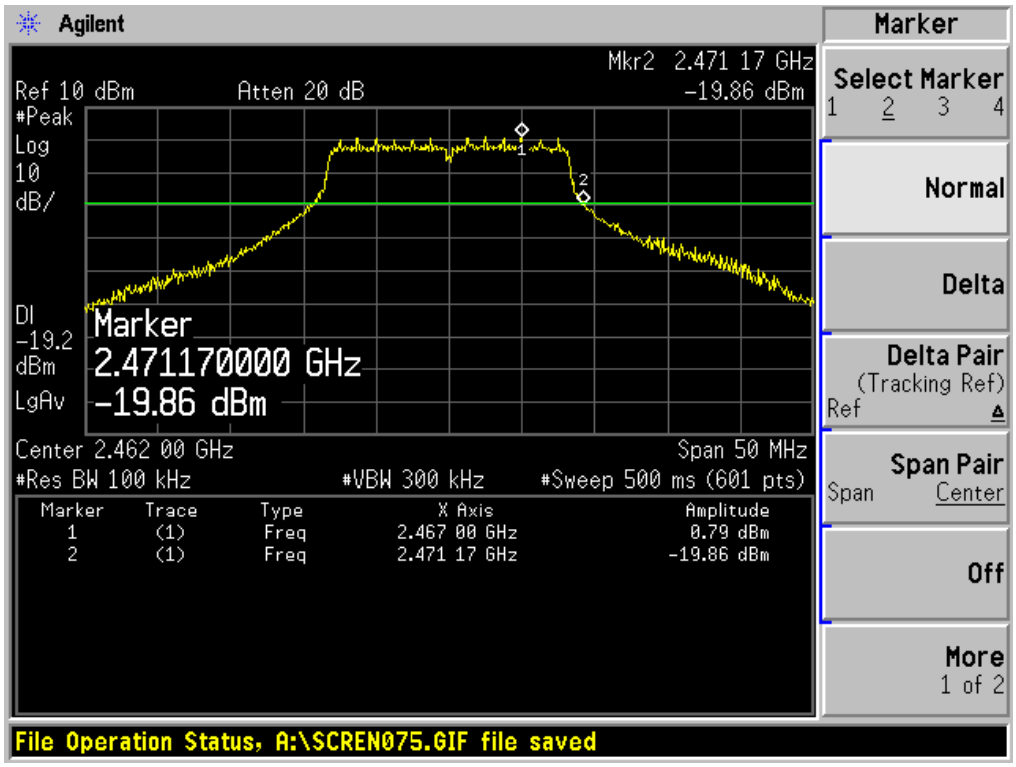


Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Frequency Range of 20dB Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 3: Transmit by 802.11g

Channel 01 (2412MHz)

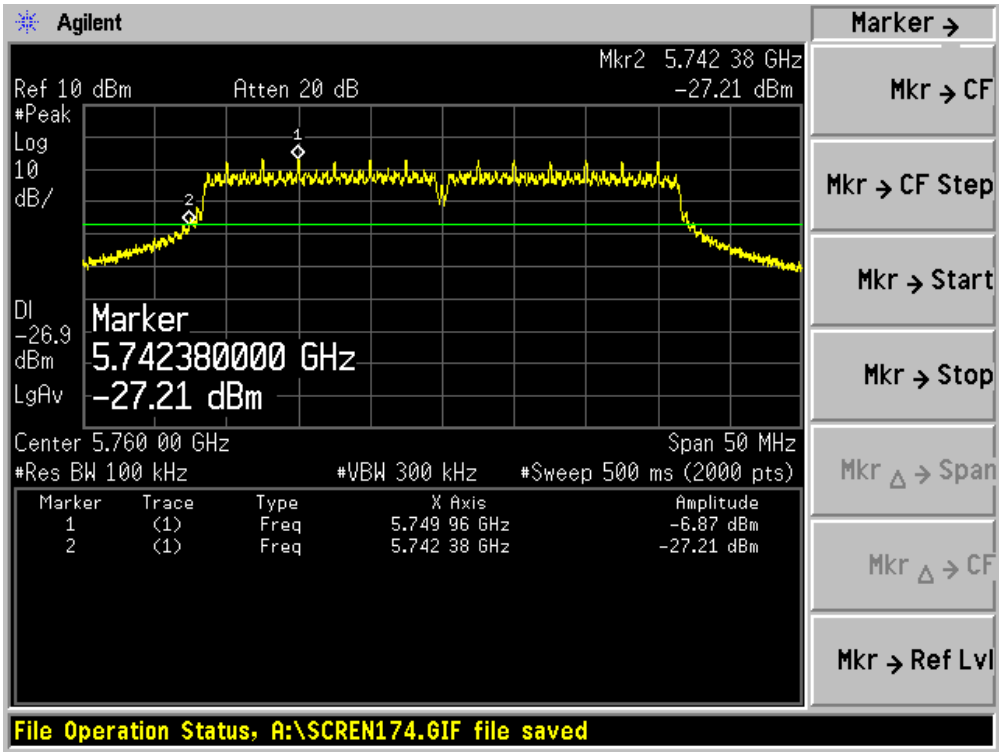


Channel 11 (2462MHz)

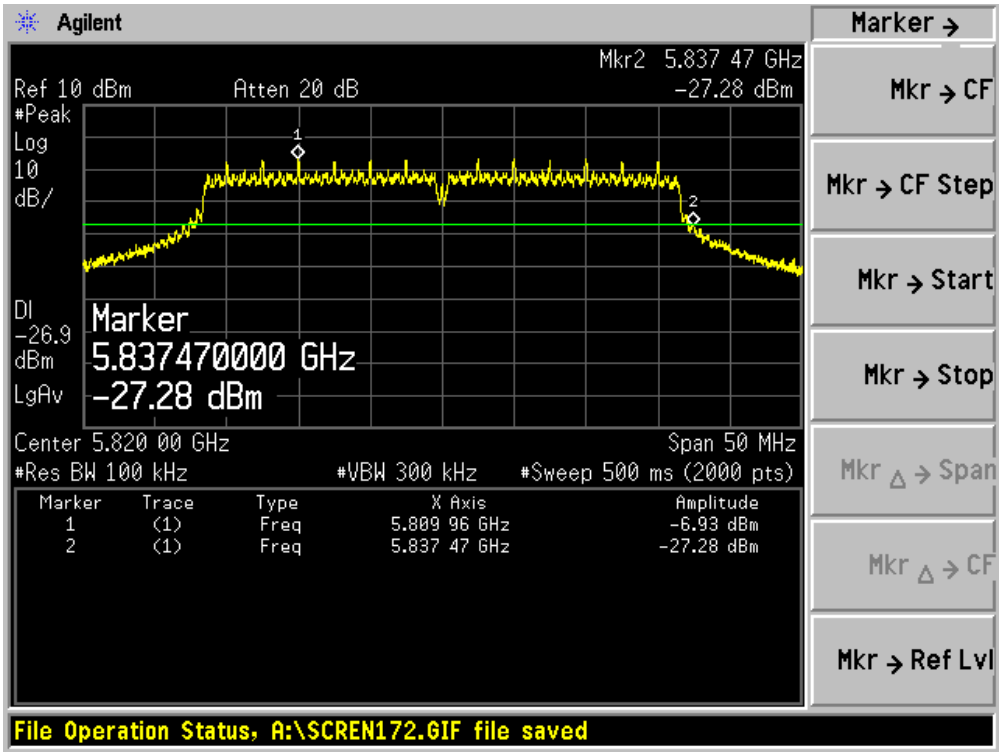


Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Frequency Range of 20dB Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 4: Transmit by Super 802.11a

Channel 10 (5760MHz)

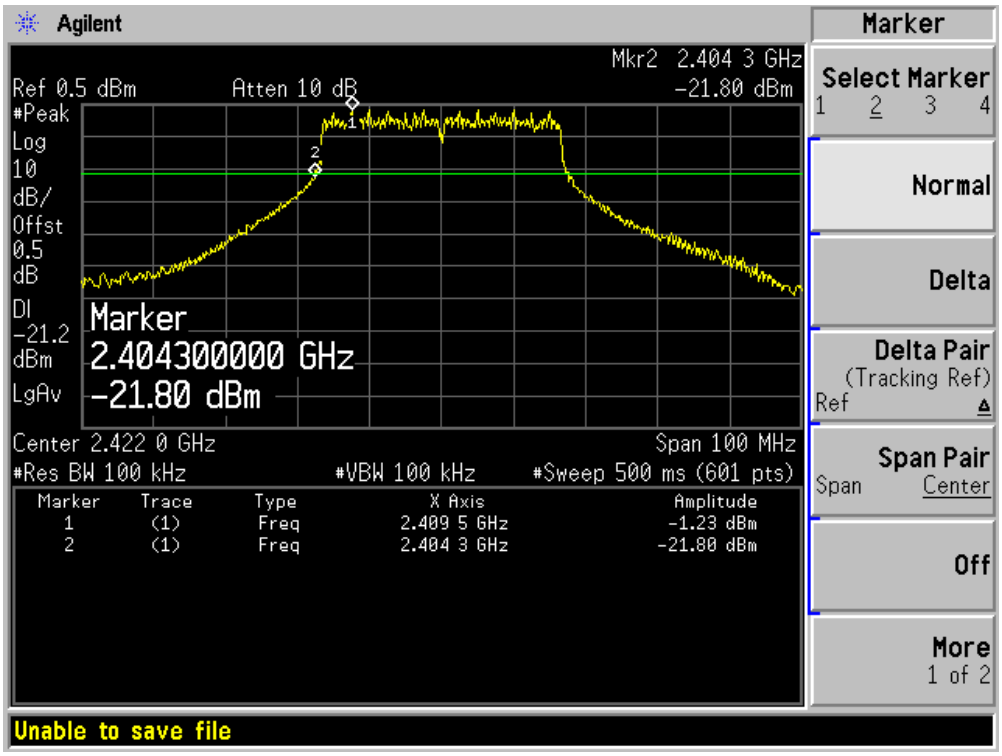


Channel 13 (5820MHz)

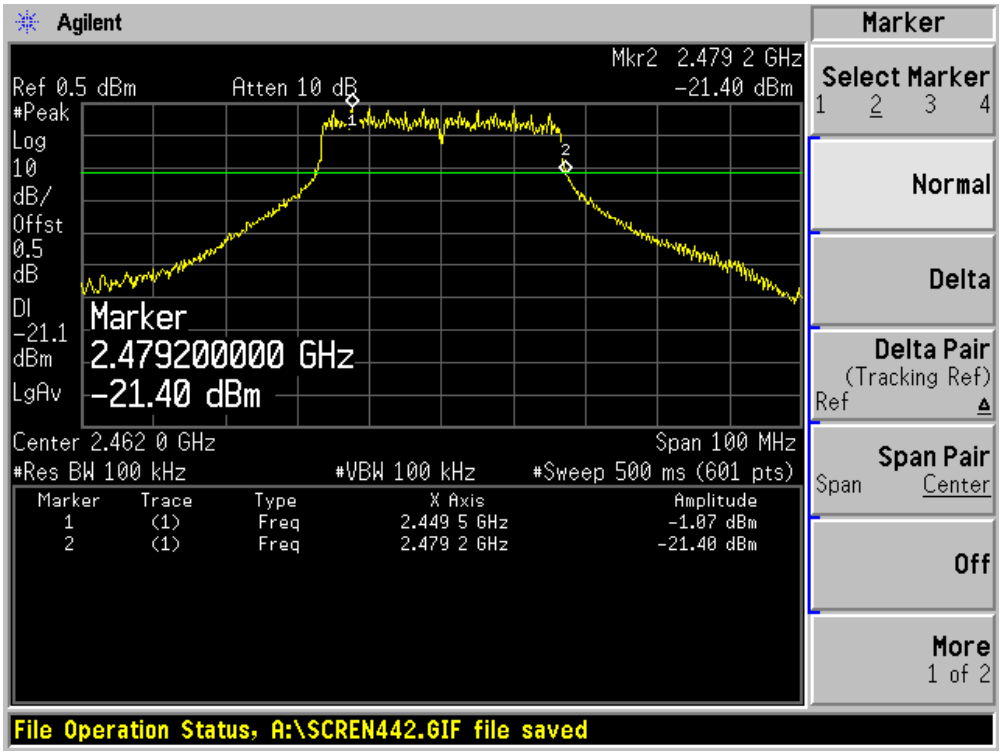


Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Frequency Range of 20dB Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 5: Transmit by Super 802.11g

Channel 03 (2422MHz)



Channel 11 (2462MHz)



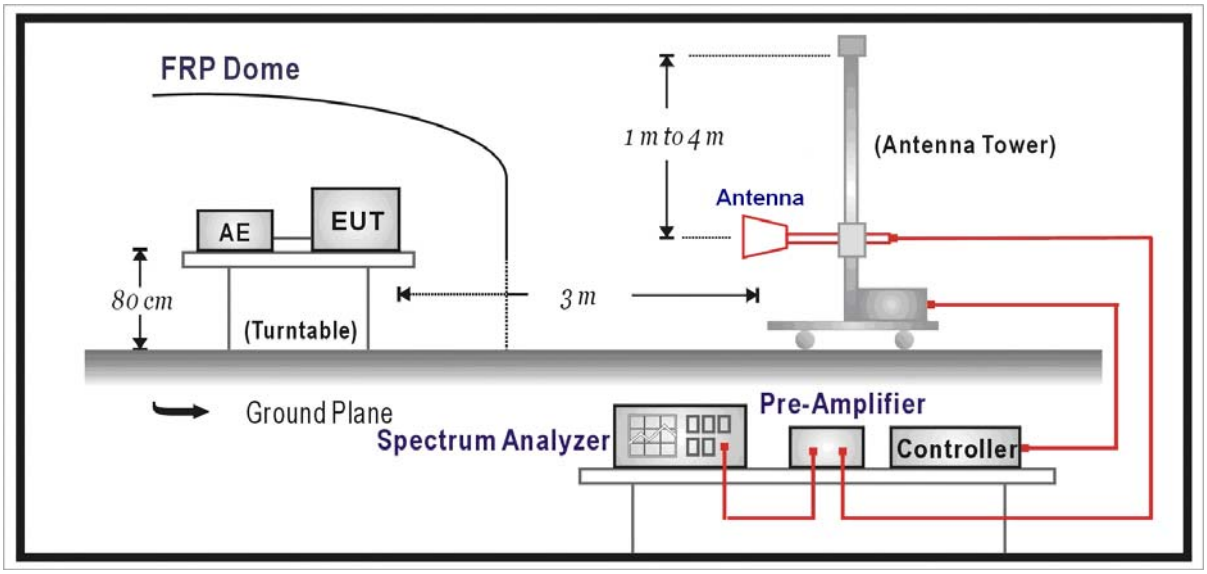
9. Band Edge

9.1. Test Equipment

Band Edge / AC-2

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Spectrum Analyzer	Agilent	E4408B	MY45102679	2007/11/20
Preamplifier	Quietek	AP-180C	CHM-0602013	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	2007/03/30

9.2. Test Setup



9.3. 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. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section

15.209(a) (see Section 15.205(c)).

9.4. Test Procedure

According to the FCC Measurement Techniques: KDB Publication No. 558074
The EUT and its simulators are placed on a turn table which is 0.8 meter above ground.
The turn table can rotate 360 degrees to determine the position of the maximum emission level and the antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated on radiated measurement.
Applies to harmonics/spurs that fall in the restricted bands listed in Section 15.205. The maximum permitted average field strength is listed in Section 15.209. A pre-amp (and possibly a high-pass filter) is necessary for this measurement. For measurements above 1 GHz, set RBW = 1MHz, VBW = 10 Hz, Sweep: Auto. If the emission is pulsed, modify the unit for continuous operation; use the settings shown above, then correct the reading by subtracting the peak-average correction factor, derived from the appropriate duty cycle calculation. See Section 15.35(b) and (c).

9.5. Uncertainty

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

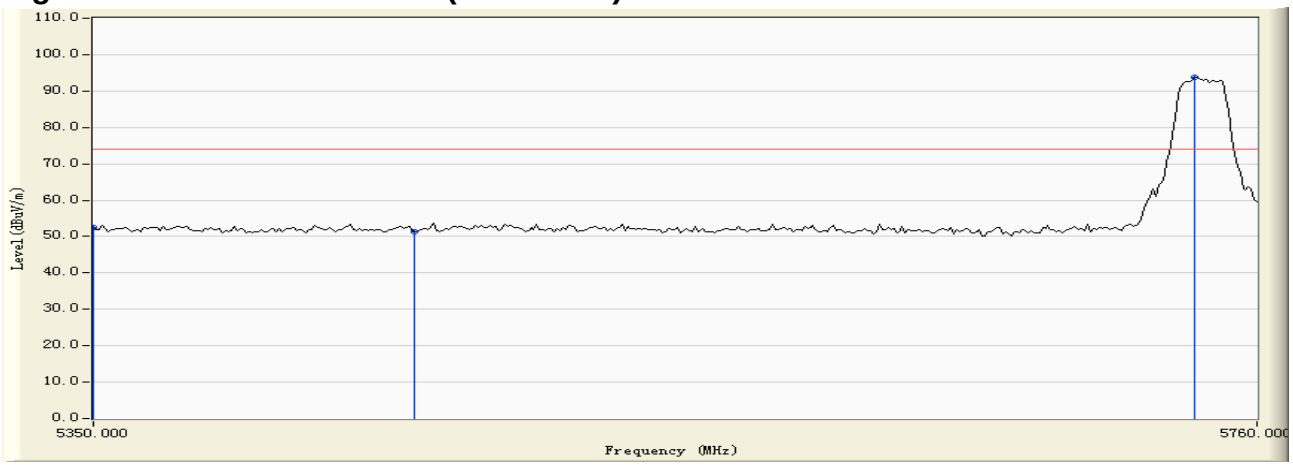
9.6. Test Result

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 1: Transmit by 802.11a

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
09	<5725	>20	Pass

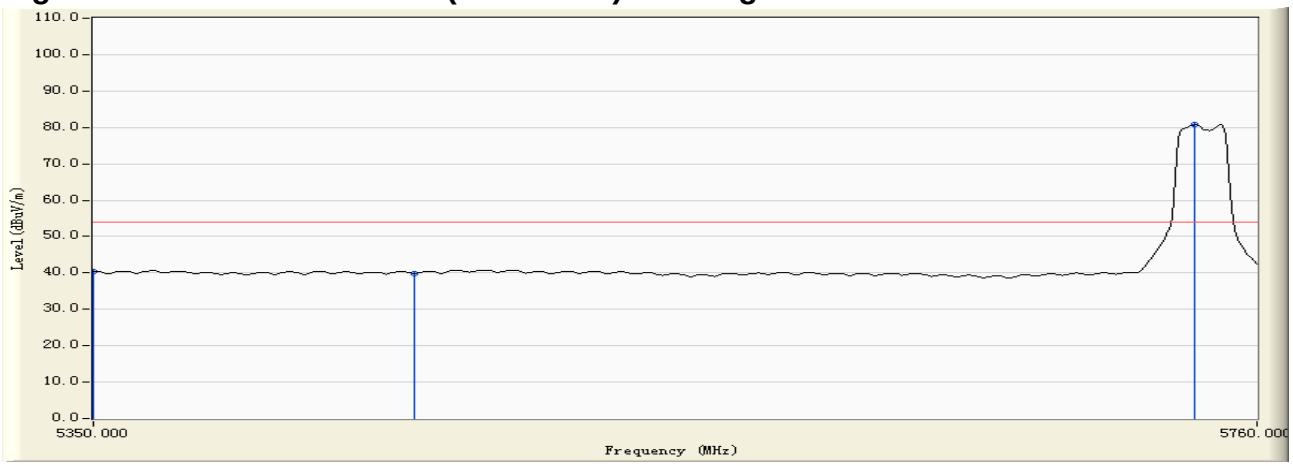
Figure Channel 09: 5740MHz (Horizontal) - Peak



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	5.958	46.469	52.427	-21.543	73.970	PEAK
2		5460.000	5.930	45.386	51.316	-22.654	73.970	PEAK
3	*	5737.450	6.603	87.287	93.890	N/A	N/A	PEAK

Note:
RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 09: 5740MHz (Horizontal) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	5.958	34.426	40.384	-13.586	53.970	AVERAGE
2		5460.000	5.930	33.972	39.902	-14.068	53.970	AVERAGE
3	*	5737.450	6.603	74.146	80.749	N/A	N/A	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

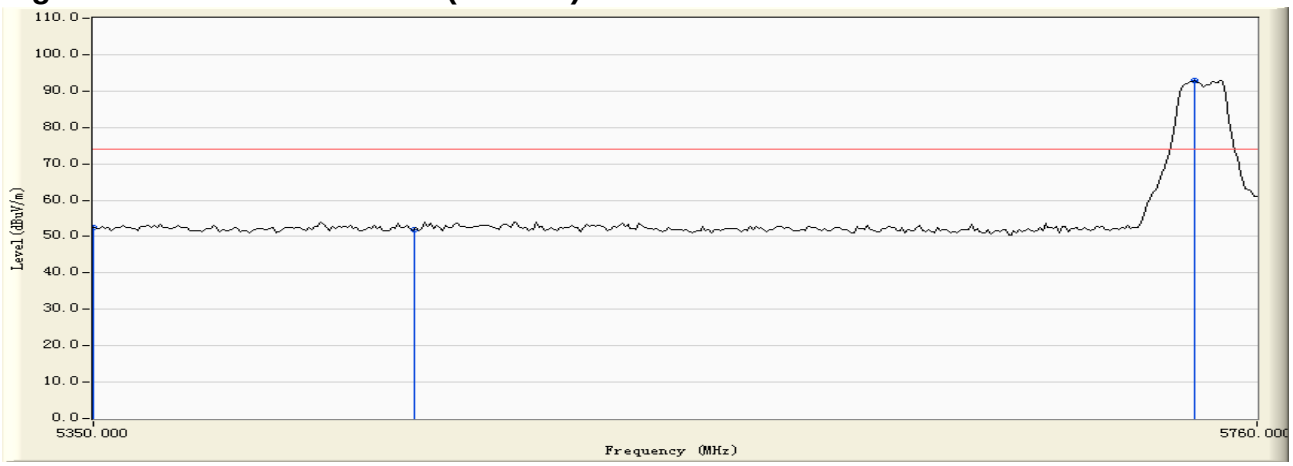
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 1: Transmit by 802.11a

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
09	<5725	>20	Pass

Figure Channel 09: 5740MHz (Vertical) - Peak

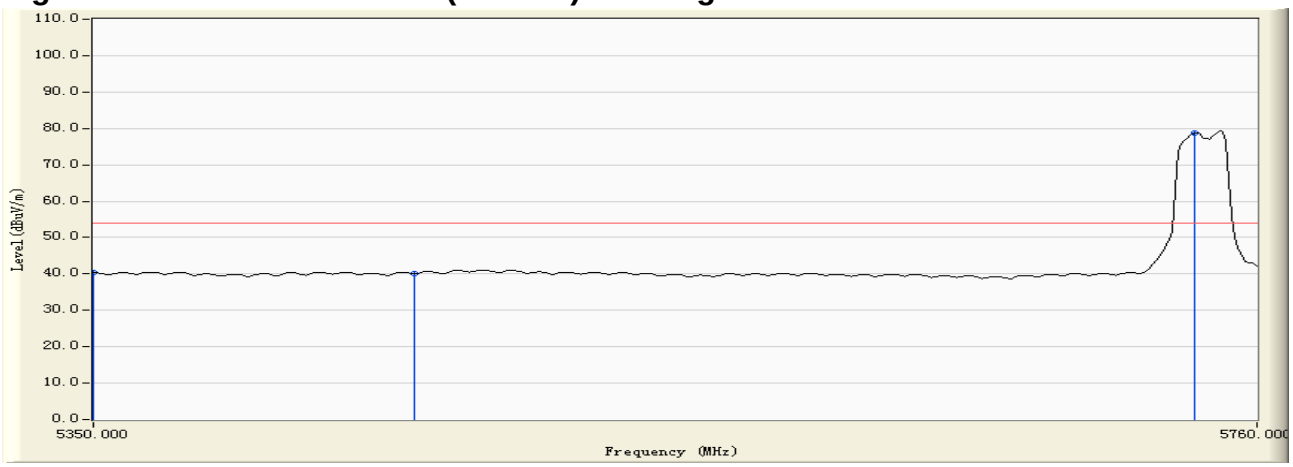


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	5.958	46.680	52.638	-21.332	73.970	PEAK
2		5460.000	5.930	46.073	52.003	-21.967	73.970	PEAK
3	*	5737.450	6.603	86.152	92.755	N/A	N/A	PEAK

Note:

RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 09: 5740MHz (Vertical) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	5.958	34.365	40.323	-13.647	53.970	AVERAGE
2		5460.000	5.930	34.038	39.968	-14.002	53.970	AVERAGE
3	*	5737.450	6.603	72.272	78.875	N/A	N/A	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

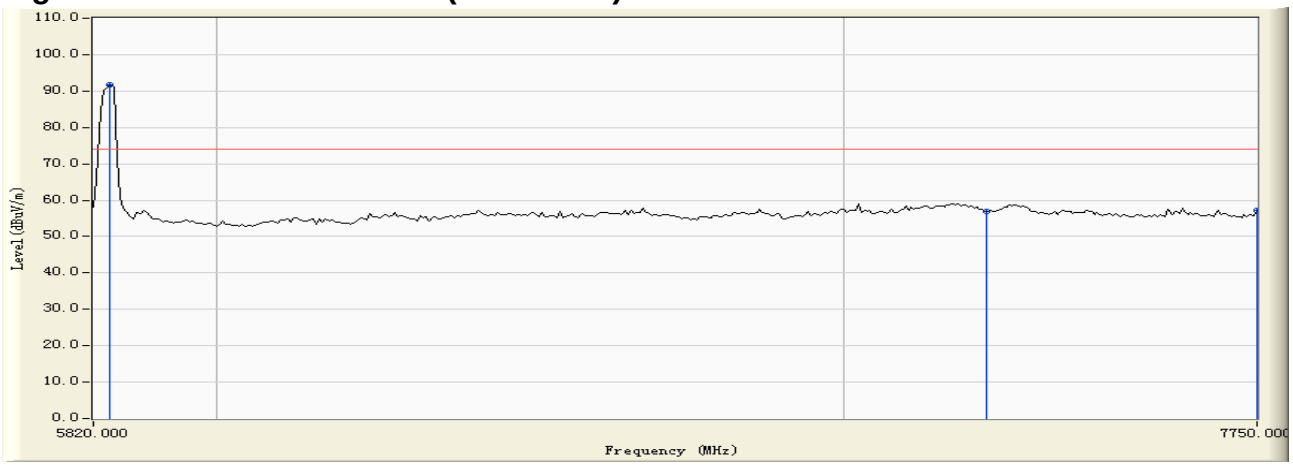
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 1: Transmit by 802.11a

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
14	>5850	>20	Pass

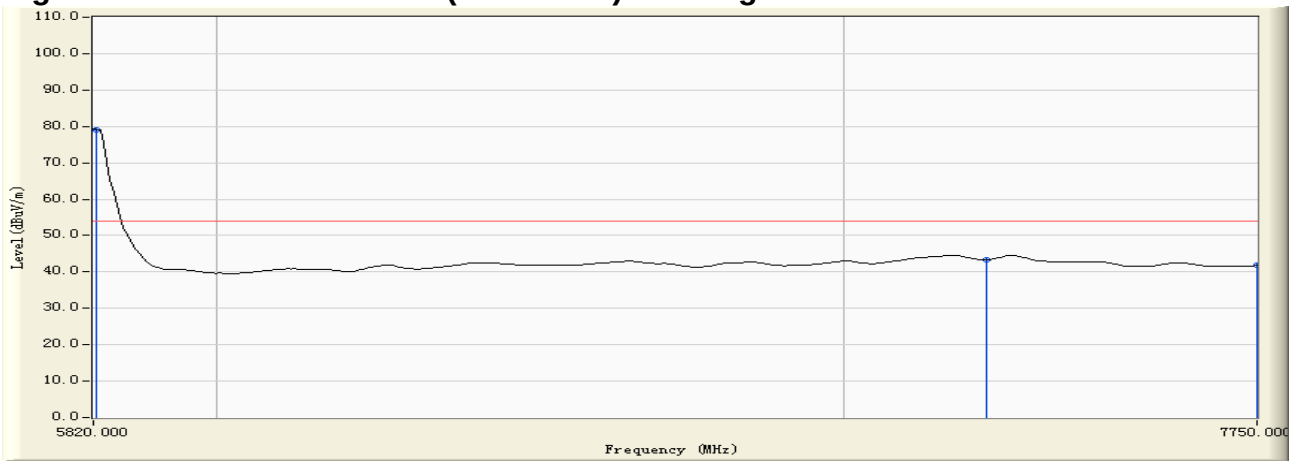
Figure Channel 14: 5840MHz (Horizontal) - Peak



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5844.125	7.241	84.476	91.717	N/A	N/A	PEAK
2		7250.000	11.679	45.343	57.022	-16.948	73.970	PEAK
3		7750.000	9.963	47.115	57.078	-16.892	73.970	PEAK

Note:
RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 14: 5840MHz (Horizontal) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5824.825	7.253	71.895	79.149	N/A	N/A	AVERAGE
2		7250.000	11.679	31.621	43.300	-10.670	53.970	AVERAGE
3		7750.000	9.963	31.828	41.791	-12.179	53.970	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

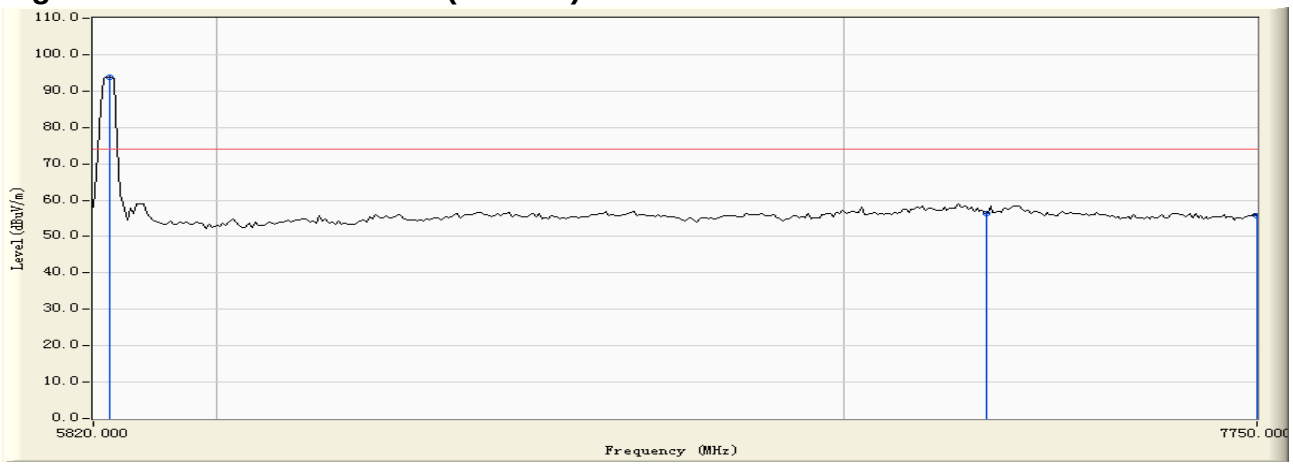
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 1: Transmit by 802.11a

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
14	>5850	>20	Pass

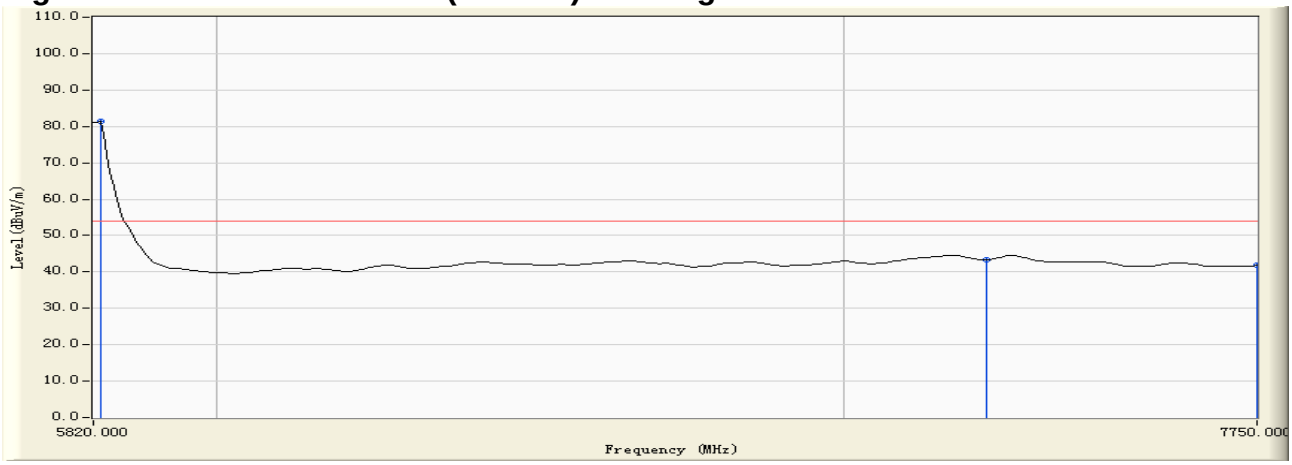
Figure Channel 14: 5840MHz (Vertical) - Peak



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5844.125	7.241	86.455	93.696	N/A	N/A	PEAK
2		7250.000	11.679	44.657	56.336	-17.634	73.970	PEAK
3		7750.000	9.963	45.653	55.616	-18.354	73.970	PEAK

Note:
RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 14: 5840MHz (Vertical) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5829.650	7.249	74.007	81.256	N/A	N/A	AVERAGE
2		7250.000	11.679	31.600	43.279	-10.691	53.970	AVERAGE
3		7750.000	9.963	31.831	41.794	-12.176	53.970	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

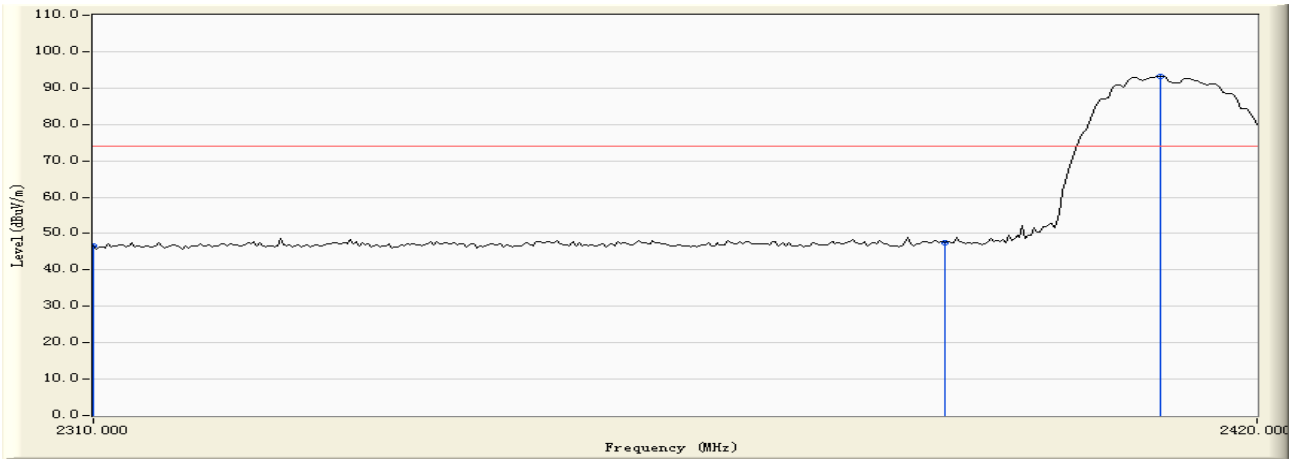
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 2: Transmit by 802.11b

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	<2400	>20	Pass

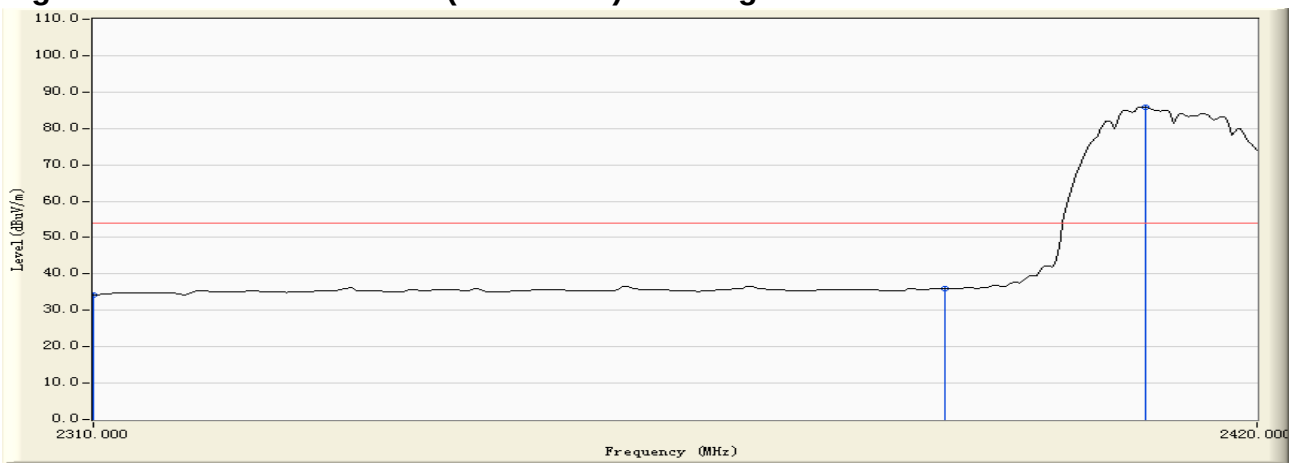
Figure Channel 01: 2412MHz (Horizontal) - Peak



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-4.738	51.301	46.563	-27.407	73.970	PEAK
2		2390.000	-4.134	51.646	47.512	-26.458	73.970	PEAK
3	*	2410.650	-4.140	97.382	93.242	N/A	N/A	PEAK

Note:
RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 01: 2412MHz (Horizontal) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-4.738	38.878	34.140	-19.830	53.970	AVERAGE
2		2390.000	-4.134	40.187	36.053	-17.917	53.970	AVERAGE
3	*	2409.275	-4.138	90.019	85.881	N/A	N/A	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

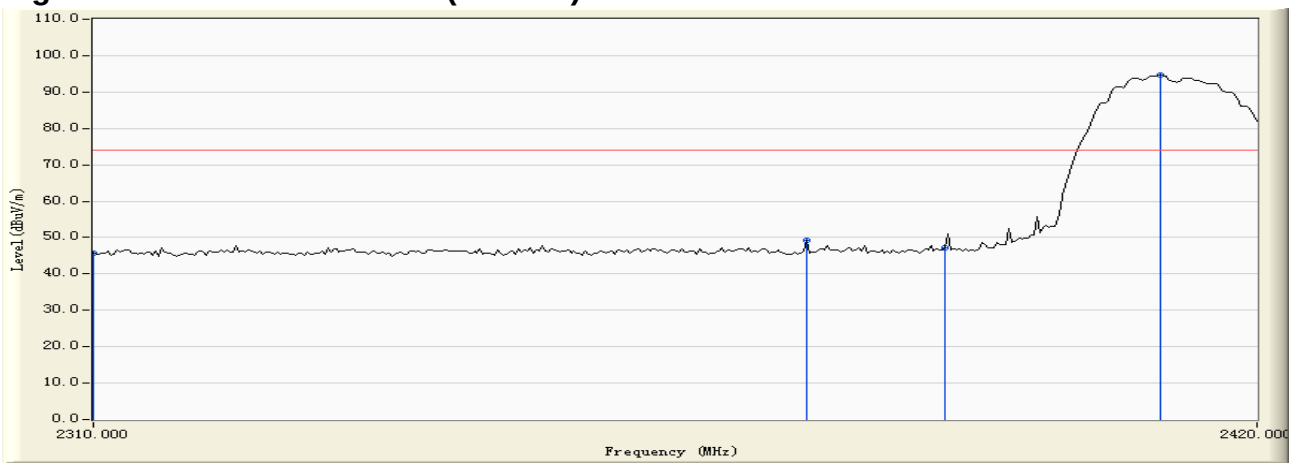
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 2: Transmit by 802.11b

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	<2400	>20	Pass

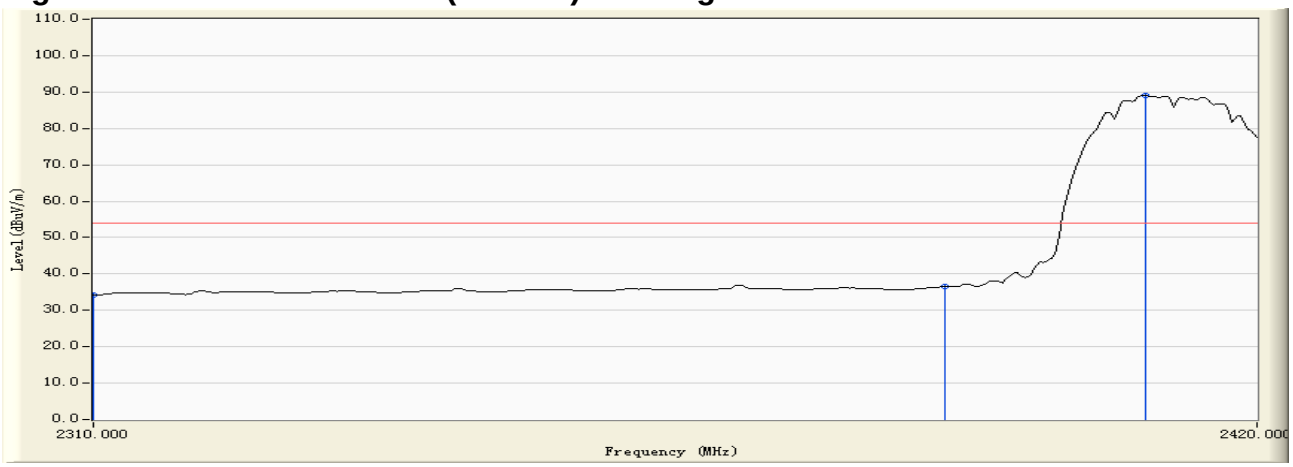
Figure Channel 01: 2412MHz (Vertical) - Peak



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-4.738	50.412	45.674	-28.296	73.970	PEAK
2		2376.825	-4.181	53.455	49.274	-24.696	73.970	PEAK
3		2390.000	-4.134	51.191	47.057	-26.913	73.970	PEAK
4	*	2410.650	-4.140	98.672	94.532	N/A	N/A	PEAK

Note:
RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 01: 2412MHz (Vertical) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-4.738	38.932	34.194	-19.776	53.970	AVERAGE
2		2390.000	-4.134	40.622	36.488	-17.482	53.970	AVERAGE
3	*	2409.275	-4.138	93.295	89.157	N/A	N/A	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

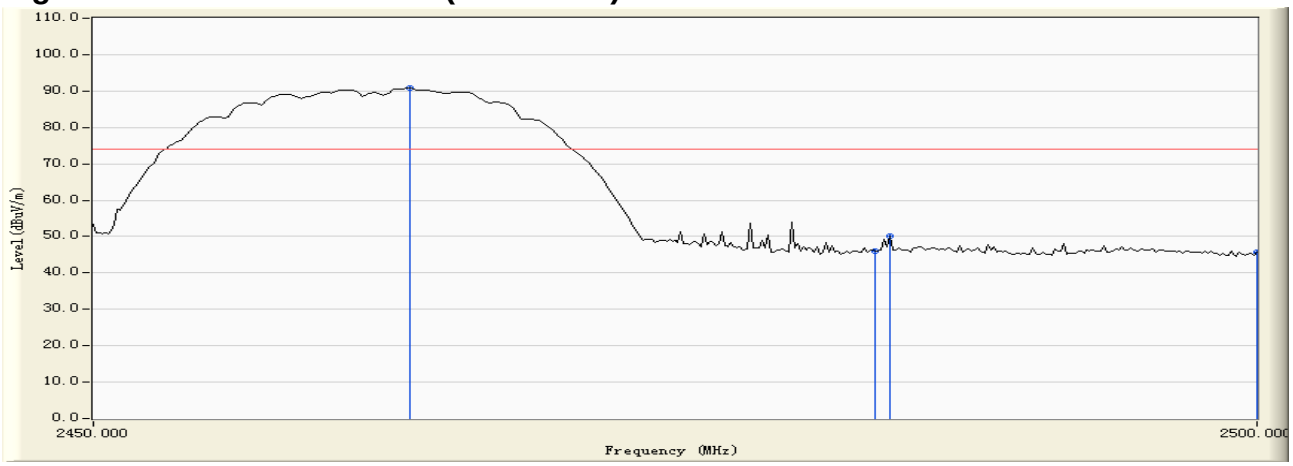
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 2: Transmit by 802.11b

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11	>2483.5	>20	Pass

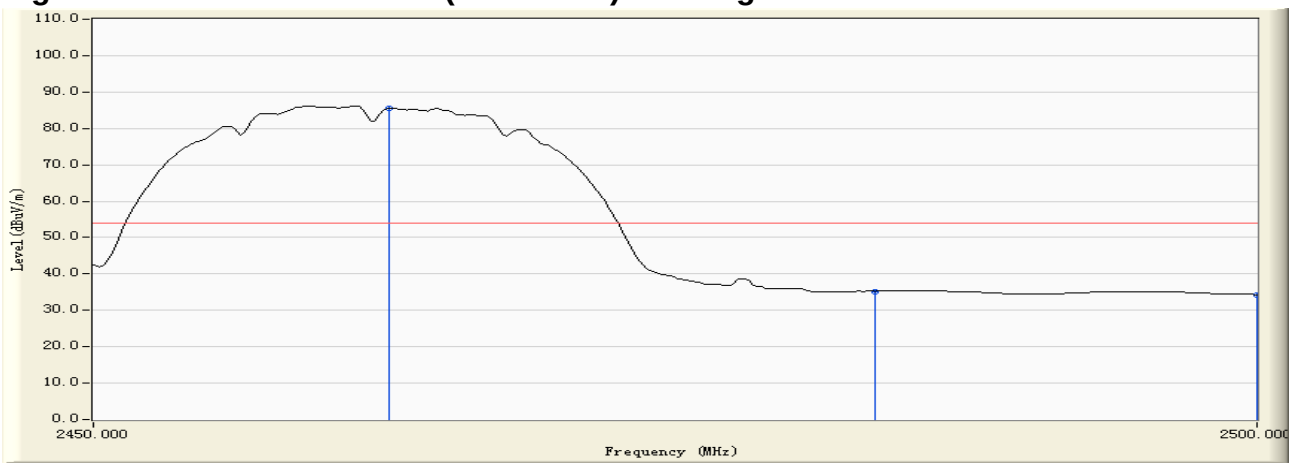
Figure Channel 11: 2462MHz (Horizontal) - Peak



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2463.500	-4.458	95.194	90.735	N/A	N/A	PEAK
2		2483.500	-4.706	50.637	45.931	-28.039	73.970	PEAK
3		2484.125	-4.713	54.964	50.251	-23.719	73.970	PEAK
4		2500.000	-4.880	50.598	45.717	-28.253	73.970	PEAK

Note:
RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 11: 2462MHz (Horizontal) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.625	-4.447	90.027	85.579	N/A	N/A	AVERAGE
2		2483.500	-4.706	39.899	35.193	-18.777	53.970	AVERAGE
3		2500.000	-4.880	39.237	34.356	-19.614	53.970	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

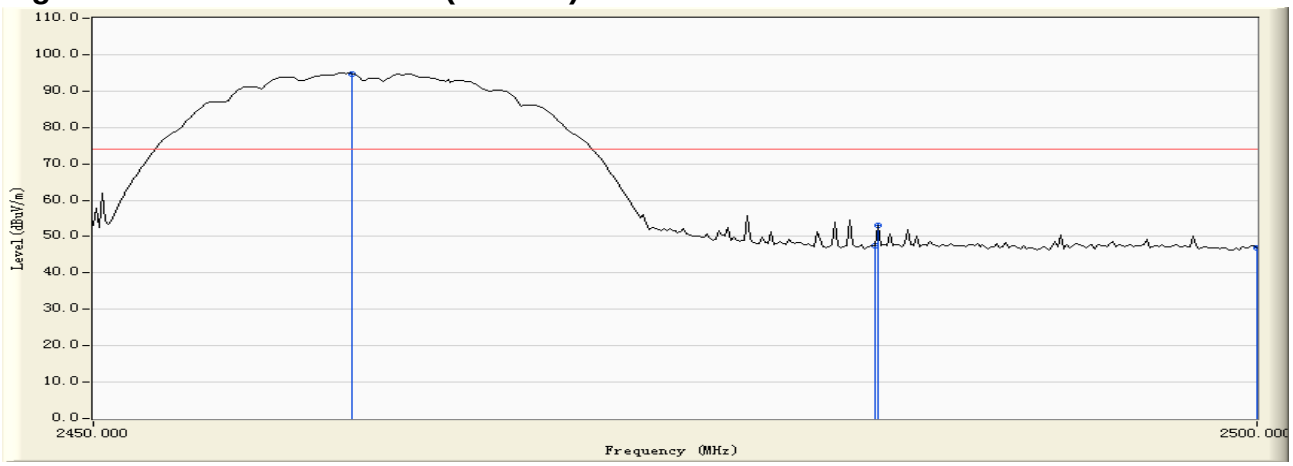
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 2: Transmit by 802.11b

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11	>2483.5	>20	Pass

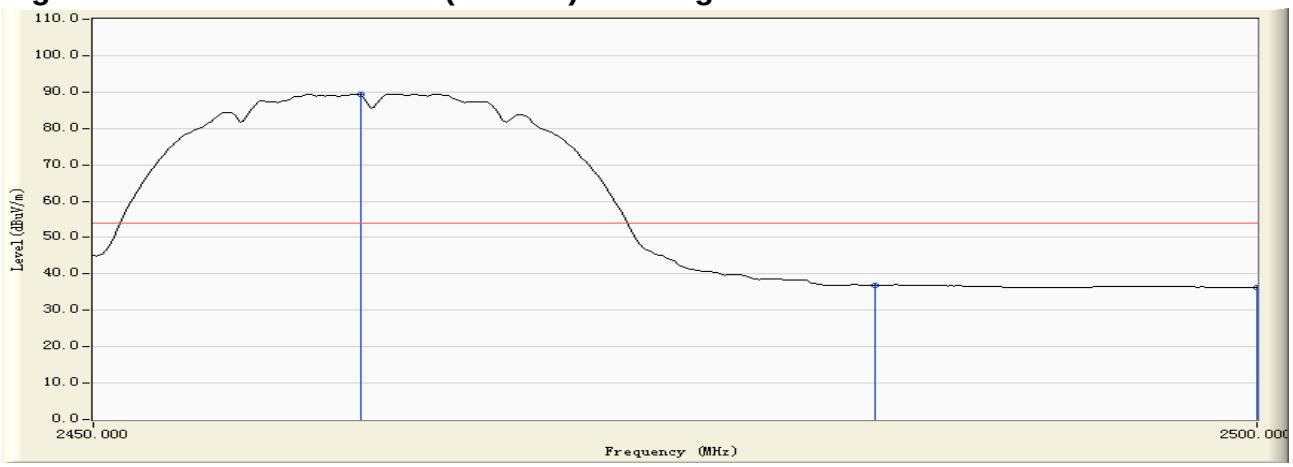
Figure Channel 11: 2462MHz (Vertical) - Peak



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2461.000	-4.430	99.234	94.804	N/A	N/A	PEAK
2		2483.500	-4.706	52.284	47.578	-26.392	73.970	PEAK
3		2483.625	-4.708	57.750	53.043	-20.927	73.970	PEAK
4		2500.000	-4.880	51.641	46.760	-27.210	73.970	PEAK

Note:
RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 11: 2462MHz (Vertical) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2461.375	-4.434	93.661	89.227	N/A	N/A	AVERAGE
2		2483.500	-4.706	41.597	36.891	-17.079	53.970	AVERAGE
3		2500.000	-4.880	41.021	36.140	-17.830	53.970	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

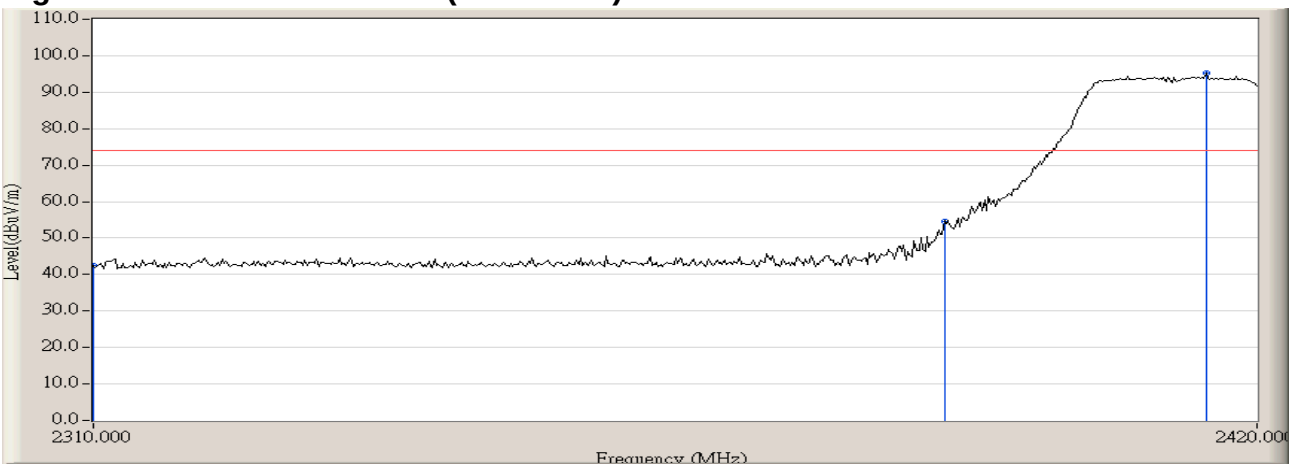
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 3: Transmit by 802.11g

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	<2400	>20	Pass

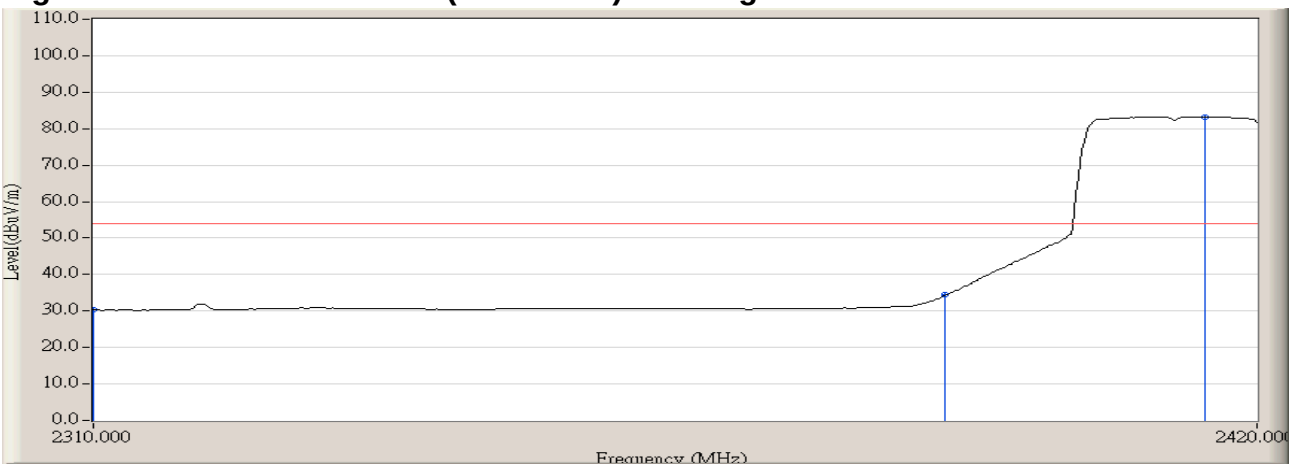
Figure Channel 01: 2412MHz (Horizontal) - Peak



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	45.597	42.336	-31.634	73.970	PEAK
2		2390.000	-3.202	57.768	54.566	-19.404	73.970	PEAK
3	*	2415.050	-3.219	98.372	95.152	N/A	N/A	PEAK

Note:
RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 01: 2412MHz (Horizontal) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	33.512	30.251	-23.719	53.970	AVERAGE
2		2390.000	-3.202	37.584	34.382	-19.588	53.970	AVERAGE
3	*	2415.000	-3.219	86.362	83.143	N/A	N/A	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

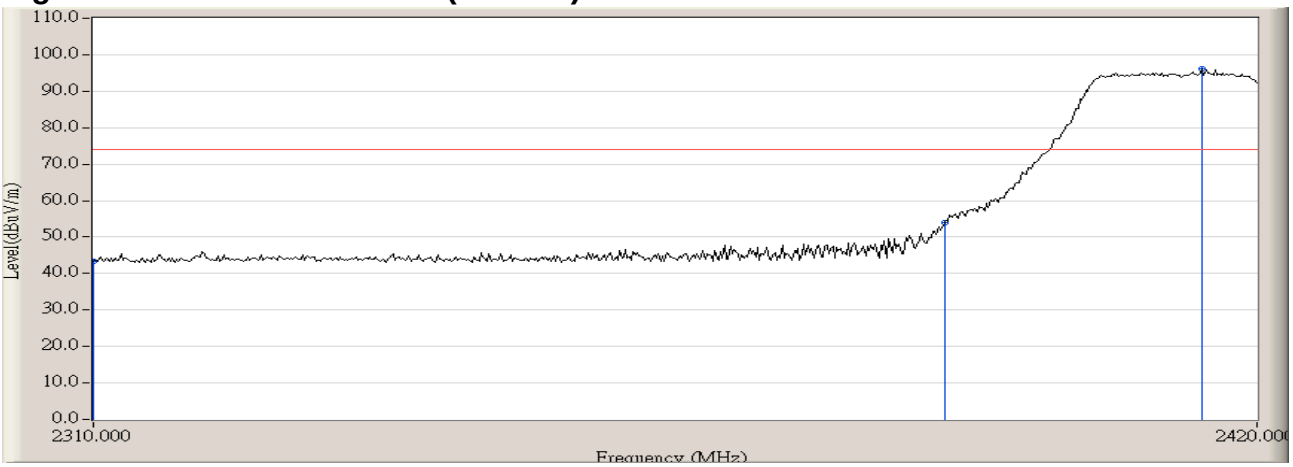
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 3: Transmit by 802.11g

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	<2400	>20	Pass

Figure Channel 01: 2412MHz (Vertical) - Peak

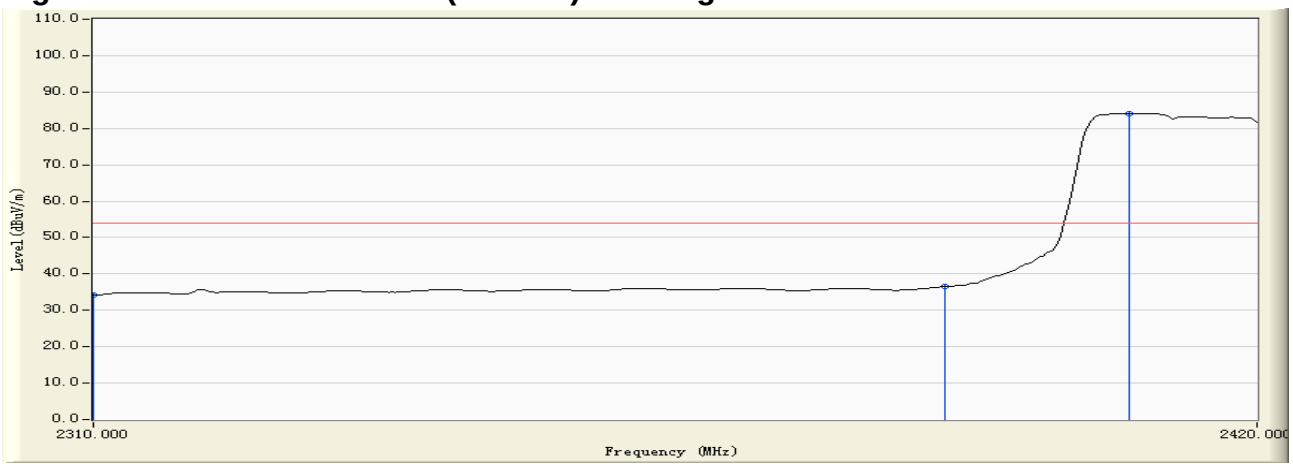


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	46.580	43.319	-30.651	73.970	PEAK
2		2390.000	-3.202	57.290	54.088	-19.882	73.970	PEAK
3		2414.683	-3.218	99.245	96.026	N/A	N/A	PEAK

Note:

RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 01: 2412MHz (Vertical) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-4.738	38.924	34.186	-19.784	53.970	AVERAGE
2		2390.000	-4.134	40.637	36.503	-17.467	53.970	AVERAGE
3	*	2407.625	-4.136	88.307	84.171	N/A	N/A	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

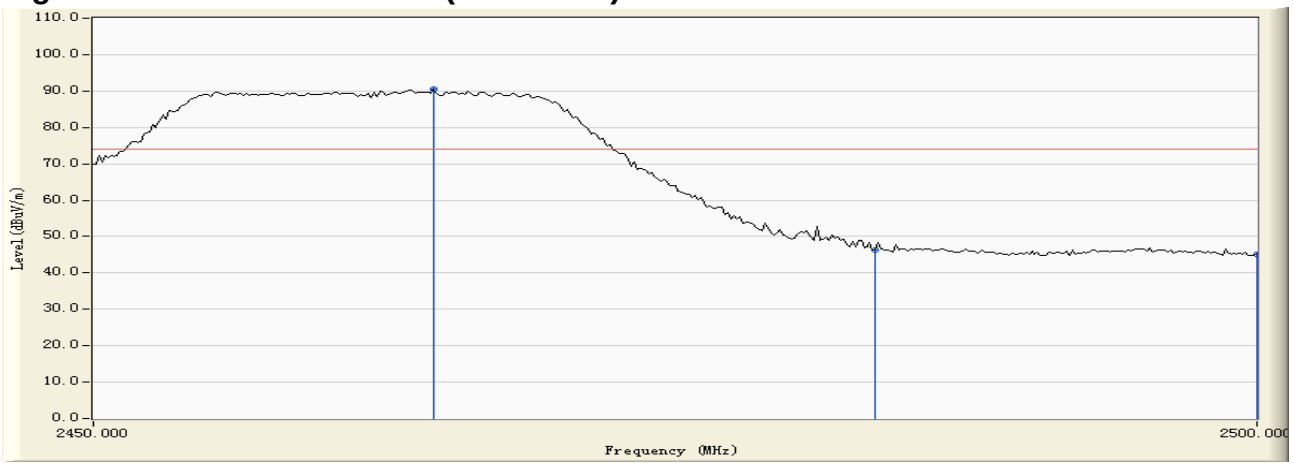
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 3: Transmit by 802.11g

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11	>2483.5	>20	Pass

Figure Channel 11: 2462MHz (Horizontal) - Peak

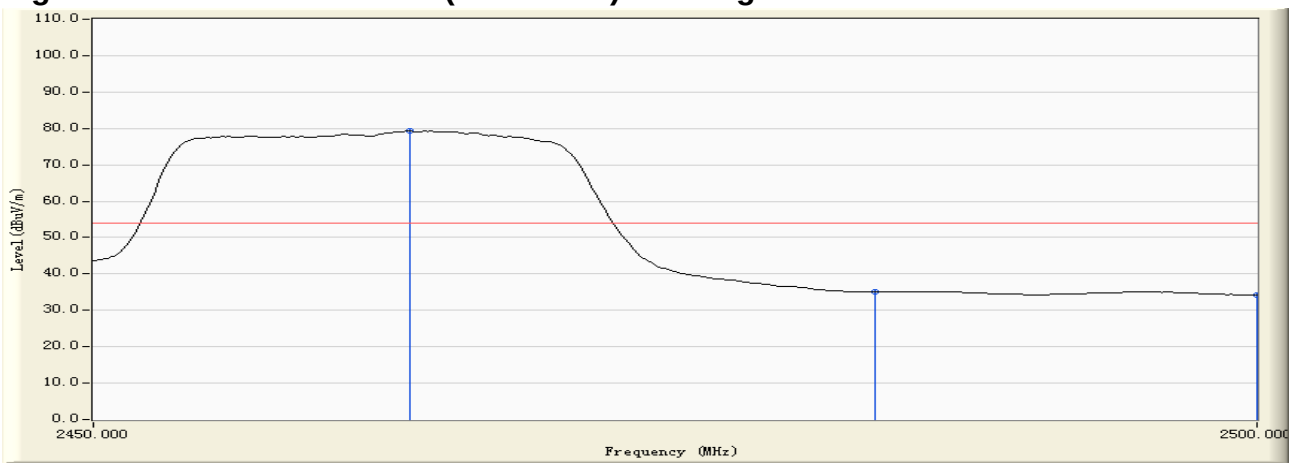


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2464.500	-4.470	94.974	90.503	N/A	N/A	PEAK
2		2483.500	-4.706	50.970	46.264	-27.706	73.970	PEAK
3		2500.000	-4.880	49.877	44.996	-28.974	73.970	PEAK

Note:

RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 11: 2462MHz (Horizontal) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2463.500	-4.458	83.711	79.252	N/A	N/A	AVERAGE
2		2483.500	-4.706	39.862	35.156	-18.814	53.970	AVERAGE
3		2500.000	-4.880	39.084	34.203	-19.767	53.970	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

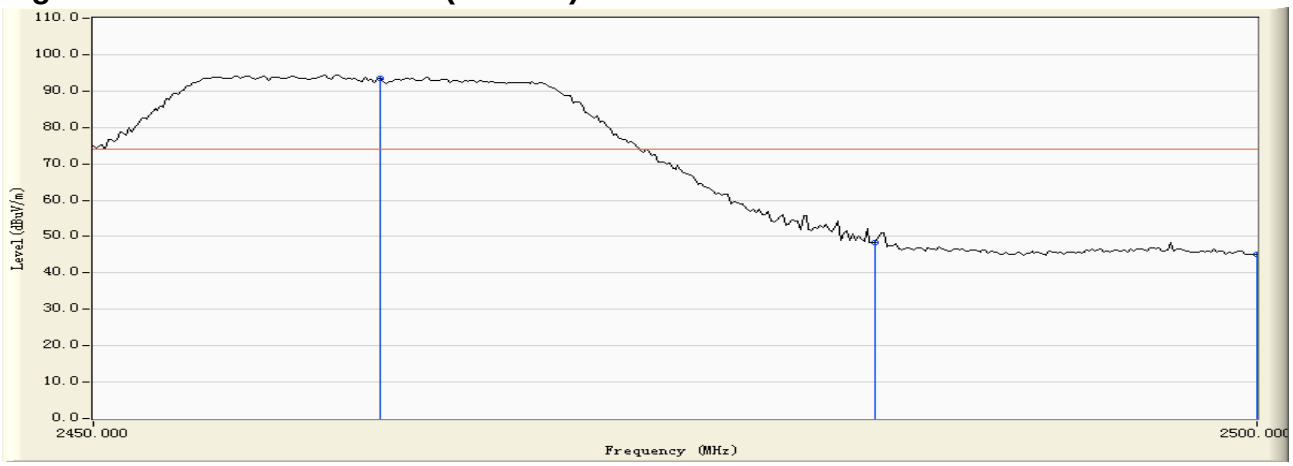
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 3: Transmit by 802.11g

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11	>2483.5	>20	Pass

Figure Channel 11: 2462MHz (Vertical) - Peak

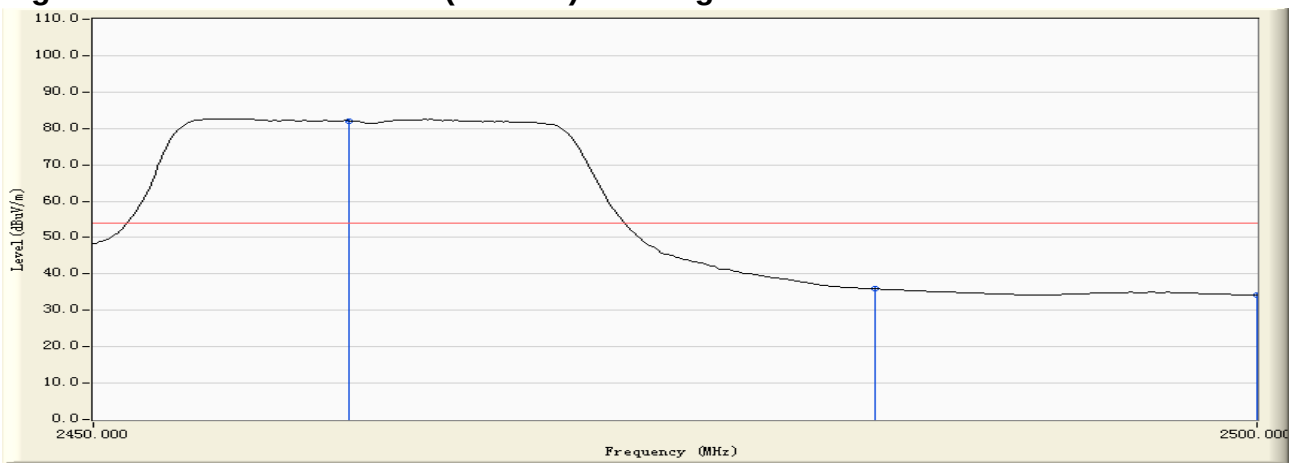


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.250	-4.443	97.877	93.434	N/A	N/A	PEAK
2		2483.500	-4.706	52.991	48.285	-25.685	73.970	PEAK
3		2500.000	-4.880	50.084	45.203	-28.767	73.970	PEAK

Note:

RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 11: 2462MHz (Vertical) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2460.875	-4.428	86.464	82.035	N/A	N/A	AVERAGE
2		2483.500	-4.706	40.578	35.872	-18.098	53.970	AVERAGE
3		2500.000	-4.880	39.072	34.191	-19.779	53.970	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

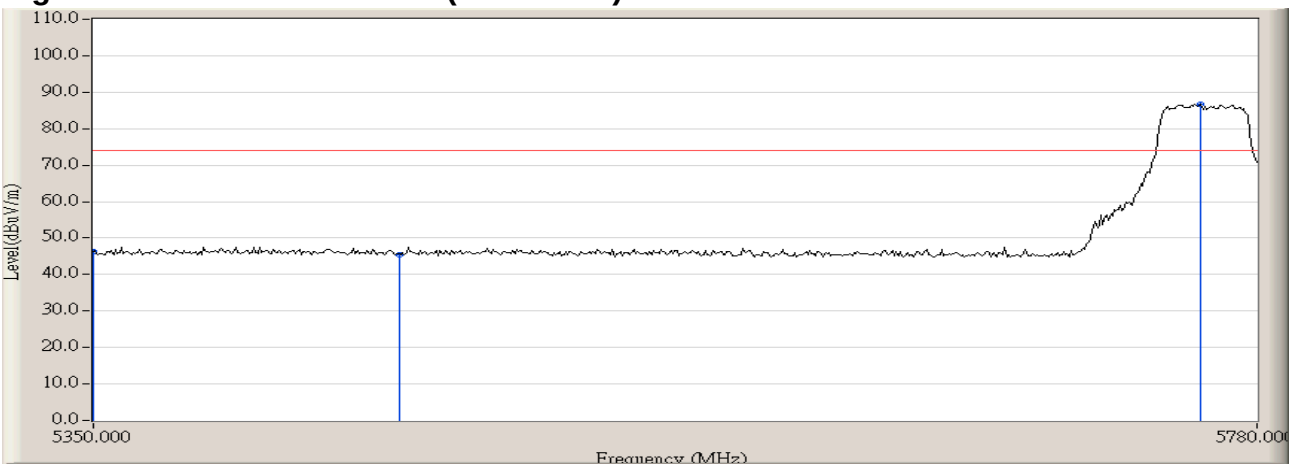
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 4: Transmit by Super 802.11a

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
10	<5725	>20	Pass

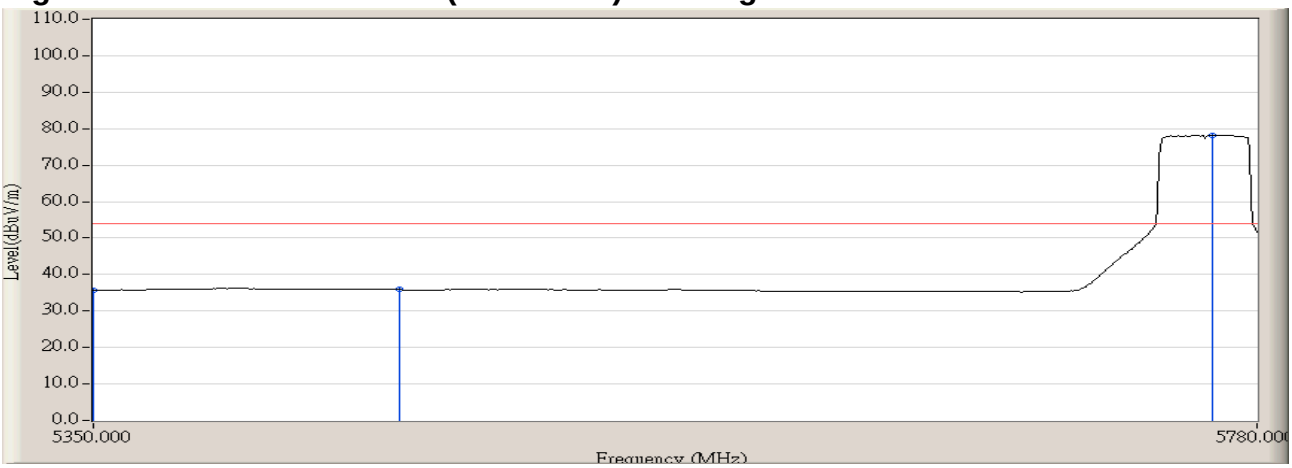
Figure Channel 10: 5760MHz (Horizontal) - Peak



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	4.455	41.911	46.365	-27.605	73.970	PEAK
2		5460.000	4.845	40.706	45.551	-28.419	73.970	PEAK
3	*	5758.500	5.356	81.359	86.715	N/A	N/A	PEAK

Note:
RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 10: 5760MHz (Horizontal) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	4.455	31.294	35.748	-18.222	53.970	AVERAGE
2		5460.000	4.845	31.015	35.860	-18.110	53.970	AVERAGE
3	*	5762.800	5.372	72.828	78.200	N/A	N/A	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

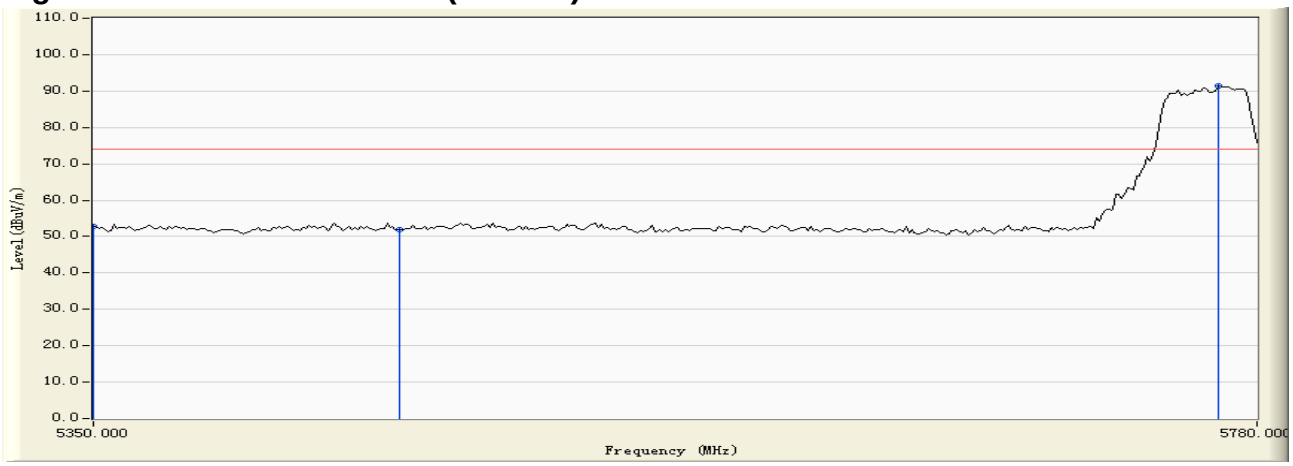
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 4: Transmit by Super 802.11a

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
10	<5725	>20	Pass

Figure Channel 10: 5760MHz (Vertical) - Peak

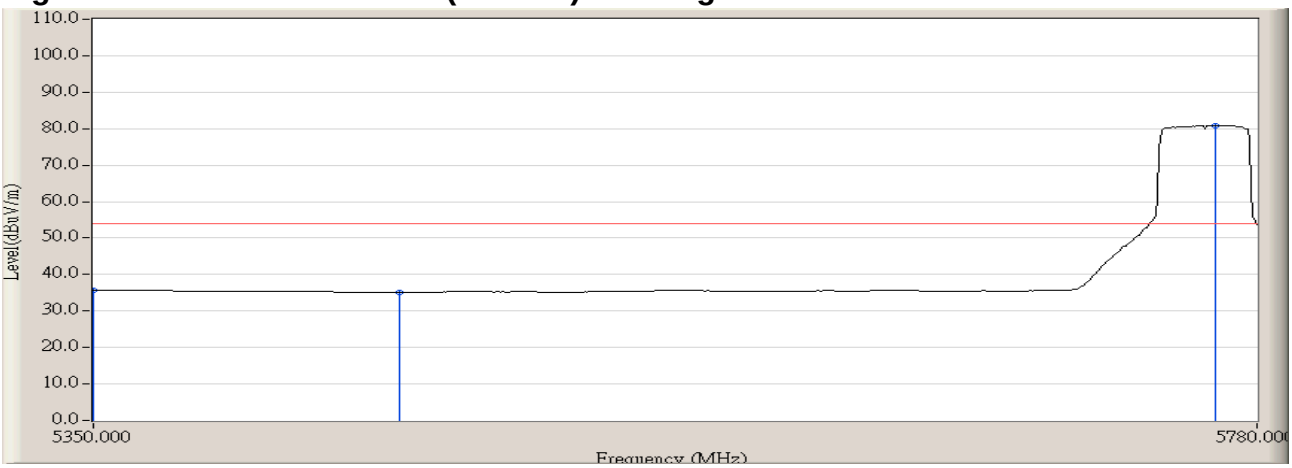


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	5.958	46.798	52.756	-21.214	73.970	PEAK
2		5460.000	5.930	46.018	51.948	-22.022	73.970	PEAK
3	*	5764.950	7.025	84.284	91.309	N/A	N/A	PEAK

Note:

RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 10: 5760MHz (Vertical) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	4.455	31.186	35.640	-18.330	53.970	AVERAGE
2		5460.000	4.845	30.282	35.127	-18.843	53.970	AVERAGE
3	*	5764.233	5.377	75.552	80.929	N/A	N/A	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

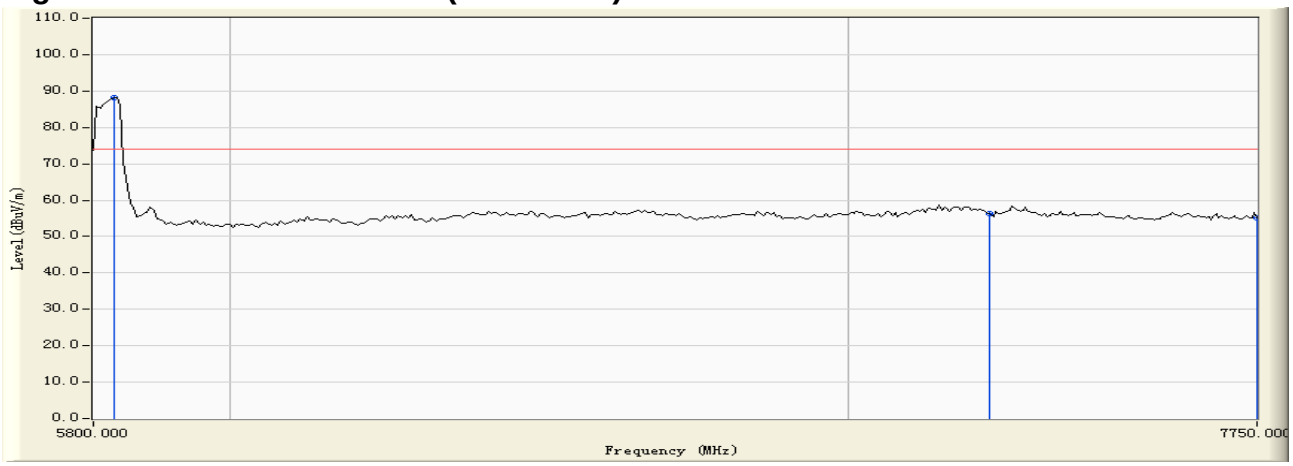
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 4: Transmit by Super 802.11a

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
13	>5850	>20	Pass

Figure Channel 13: 5820MHz (Horizontal) - Peak

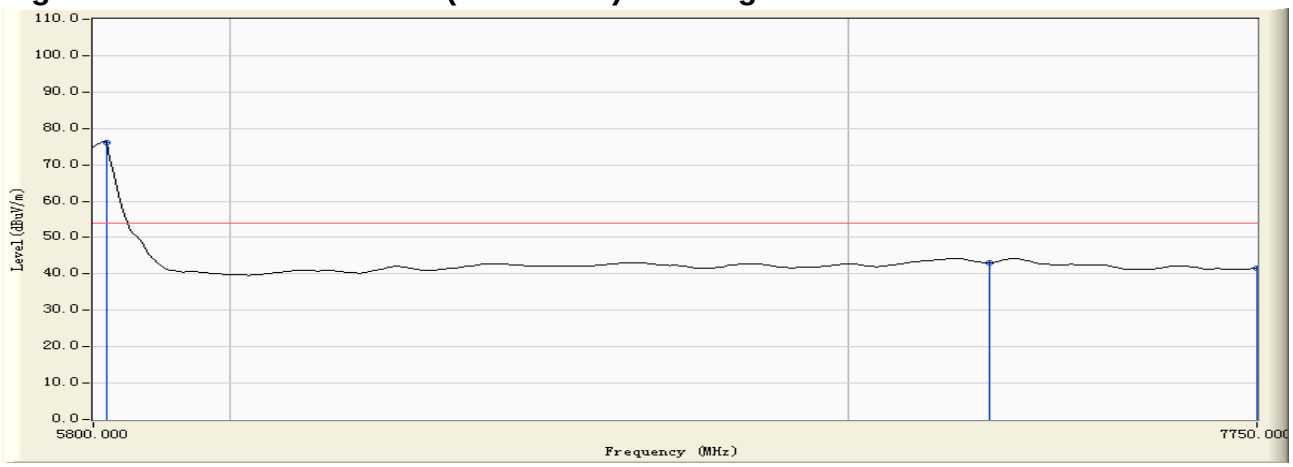


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5829.250	7.249	80.853	88.102	N/A	N/A	PEAK
2		7250.000	11.679	44.611	56.290	-17.680	73.970	PEAK
3		7750.000	9.963	45.208	55.171	-18.799	73.970	PEAK

Note:

RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 13: 5820MHz (Horizontal) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5819.500	7.260	68.788	76.048	N/A	N/A	AVERAGE
2		7250.000	11.679	31.324	43.003	-10.967	53.970	AVERAGE
3		7750.000	9.963	31.604	41.567	-12.403	53.970	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

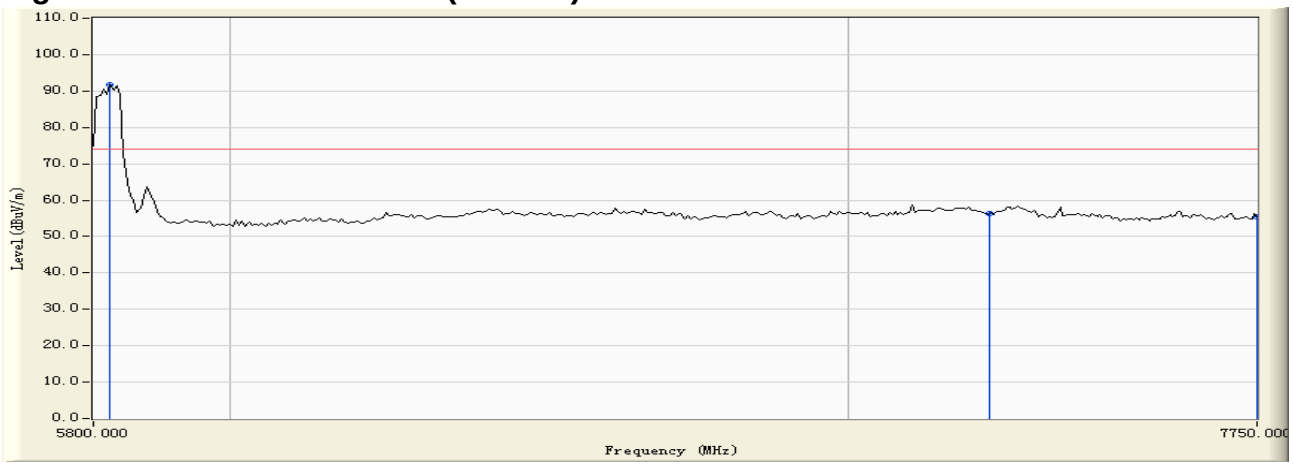
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 4: Transmit by Super 802.11a

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
13	>5850	>20	Pass

Figure Channel 13: 5820MHz (Vertical) - Peak

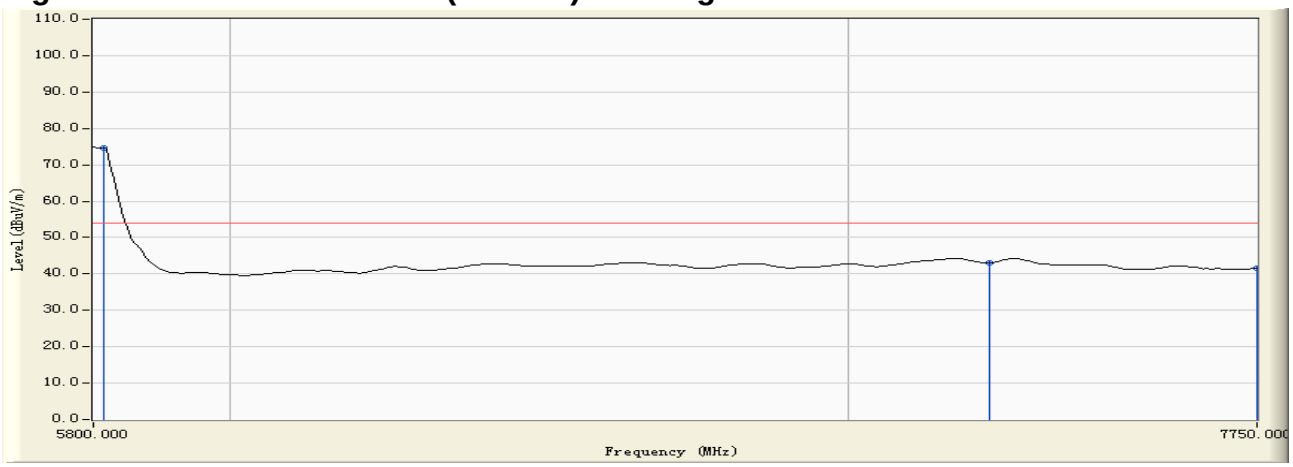


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5824.375	7.255	84.581	91.835	N/A	N/A	PEAK
2		7250.000	11.679	44.627	56.306	-17.664	73.970	PEAK
3		7750.000	9.963	45.510	55.473	-18.497	73.970	PEAK

Note:

RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 13: 5820MHz (Vertical) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5814.625	7.265	67.472	74.738	N/A	N/A	AVERAGE
2		7250.000	11.679	31.309	42.988	-10.982	53.970	AVERAGE
3		7750.000	9.963	31.617	41.580	-12.390	53.970	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

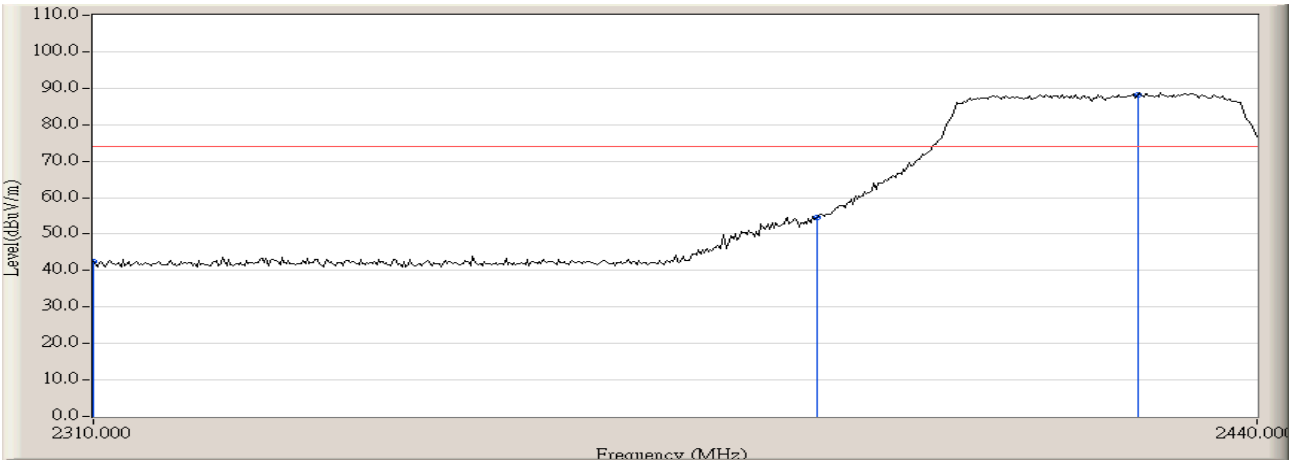
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 5: Transmit by Super 802.11g

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
03	<2400	>20	Pass

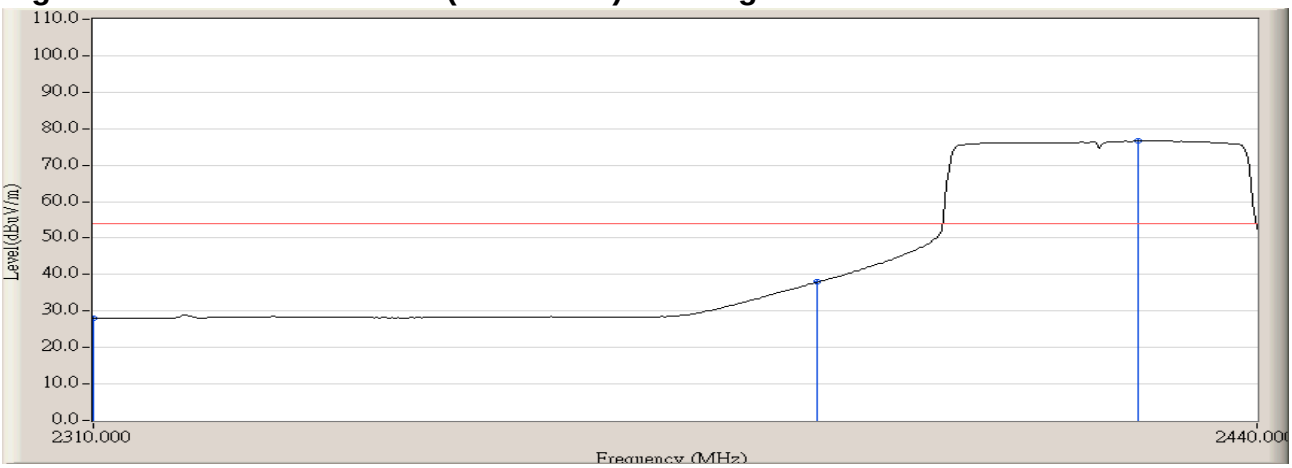
Figure Channel 03: 2422MHz (Horizontal) - Peak



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	45.669	42.408	-31.562	73.970	PEAK
2		2390.000	-3.202	57.757	54.555	-19.415	73.970	PEAK
3	*	2426.350	-3.246	91.500	88.254	N/A	N/A	PEAK

Note:
RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 03: 2422MHz (Horizontal) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	31.351	28.090	-25.880	53.970	AVERAGE
2		2390.000	-3.202	41.103	37.901	-16.069	53.970	AVERAGE
3	*	2426.350	-3.246	79.818	76.572	N/A	N/A	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

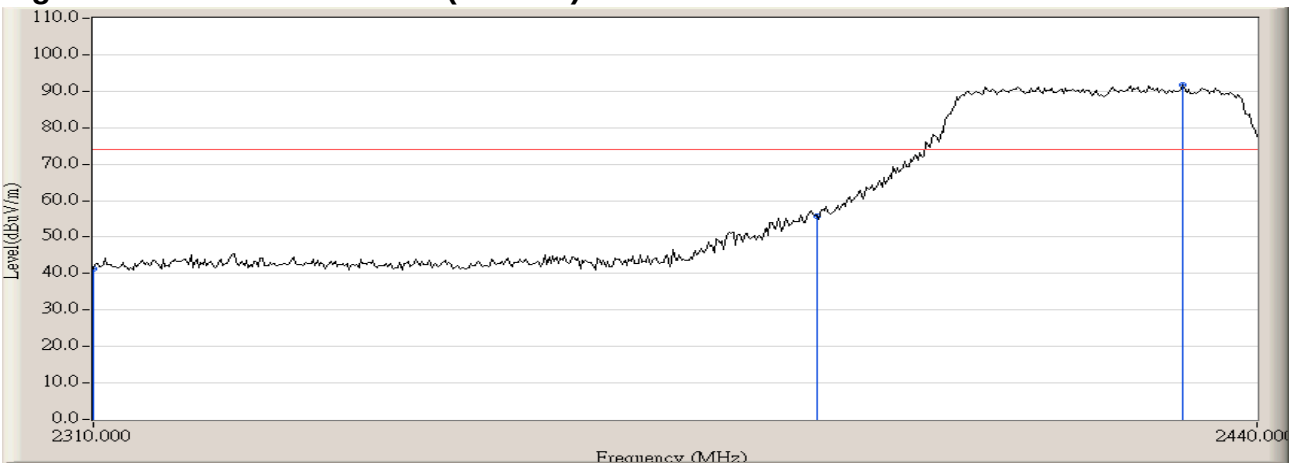
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 5: Transmit by Super 802.11g

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
03	<2400	>20	Pass

Figure Channel 03: 2422MHz (Vertical) - Peak

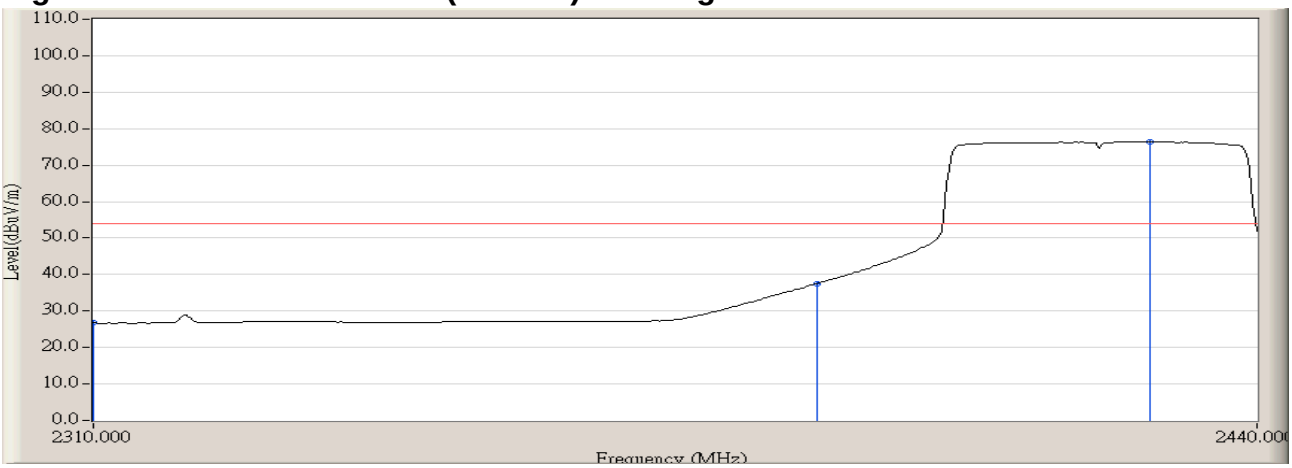


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	44.504	41.243	-32.727	73.970	PEAK
2		2390.000	-3.202	59.059	55.857	-18.113	73.970	PEAK
3	*	2431.550	-3.261	94.873	91.613	N/A	N/A	PEAK

Note:

RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 03: 2422MHz (Vertical) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	-3.262	29.961	26.700	-27.270	53.970	AVERAGE
2		2390.000	-3.202	40.700	37.498	-16.472	53.970	AVERAGE
3	*	2427.800	-3.249	79.555	76.305	N/A	N/A	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

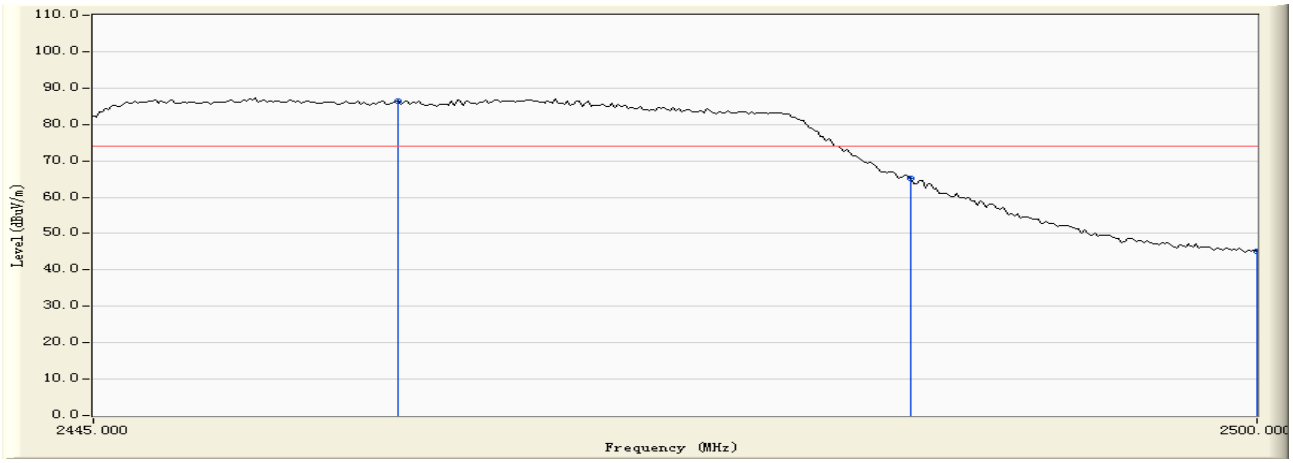
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 5: Transmit by Super 802.11g

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11	>2483.5	>20	Pass

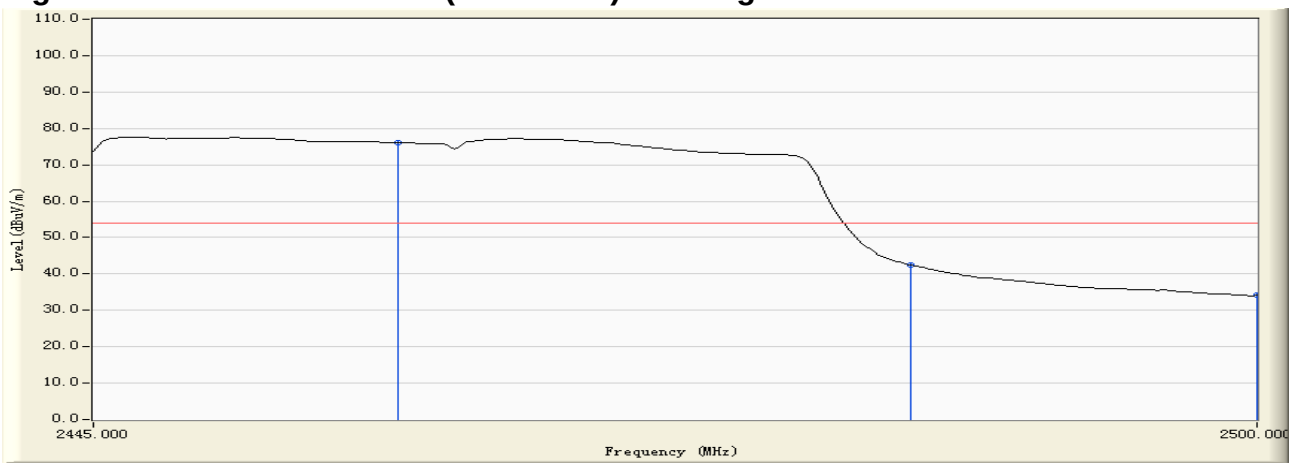
Figure Channel 11: 2462MHz (Horizontal) - Peak



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2459.300	-4.413	90.921	86.508	N/A	N/A	PEAK
2		2483.500	-4.706	69.988	65.282	-8.688	73.970	PEAK
3		2500.000	-4.880	49.952	45.071	-28.899	73.970	PEAK

Note:
RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 11: 2462MHz (Horizontal) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2459.300	-4.413	80.556	76.143	N/A	N/A	AVERAGE
2		2483.500	-4.706	47.145	42.439	-11.531	53.970	AVERAGE
3		2500.000	-4.880	38.946	34.065	-19.905	53.970	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

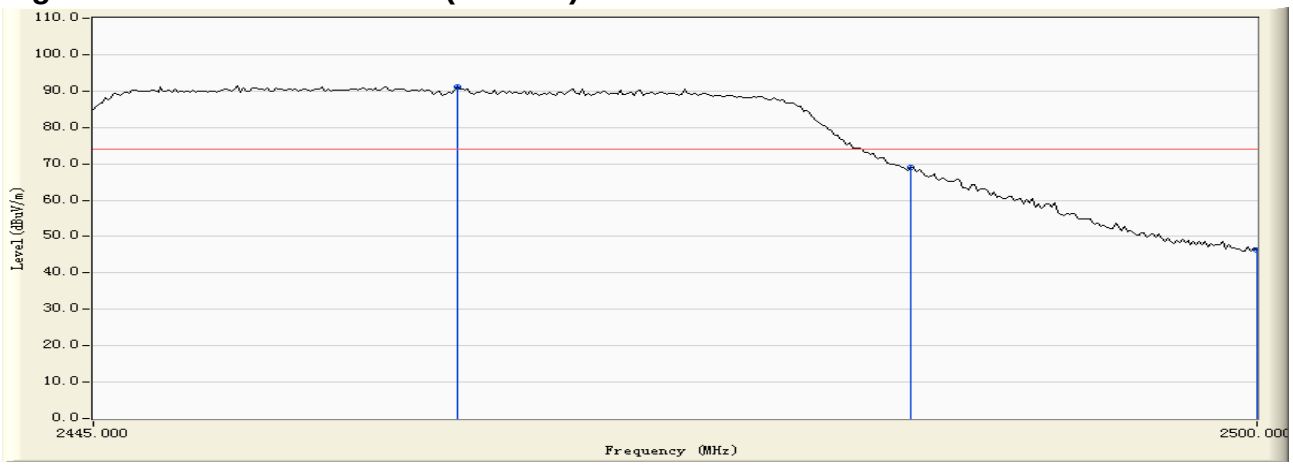
Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 5: Transmit by Super 802.11g

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
11	>2483.5	>20	Pass

Figure Channel 11: 2462MHz (Vertical) - Peak

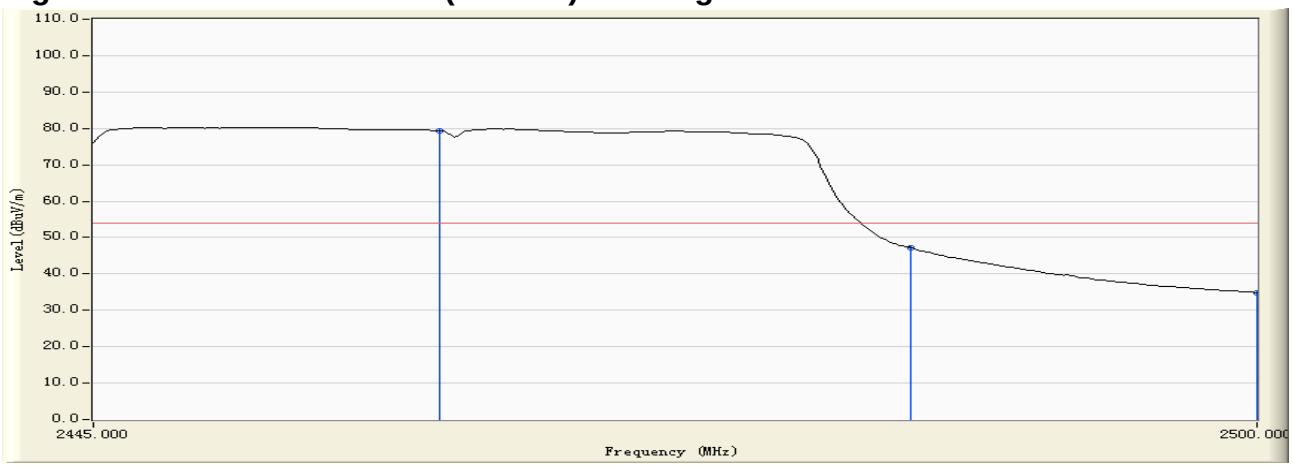


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2462.050	-4.441	95.672	91.231	N/A	N/A	PEAK
2		2483.500	-4.706	73.833	69.127	-4.843	73.970	PEAK
3		2500.000	-4.880	51.099	46.218	-27.752	73.970	PEAK

Note:

RBW=1MHz, VBW=3MHz, Sweep Time=Auto

Figure Channel 11: 2462MHz (Vertical) - Average



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2461.225	-4.433	83.787	79.355	N/A	N/A	AVERAGE
2		2483.500	-4.706	51.746	47.040	-6.930	53.970	AVERAGE
3		2500.000	-4.880	39.814	34.933	-19.037	53.970	AVERAGE

Note:
RBW=1MHz, VBW=10Hz, Sweep Time=Auto

Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

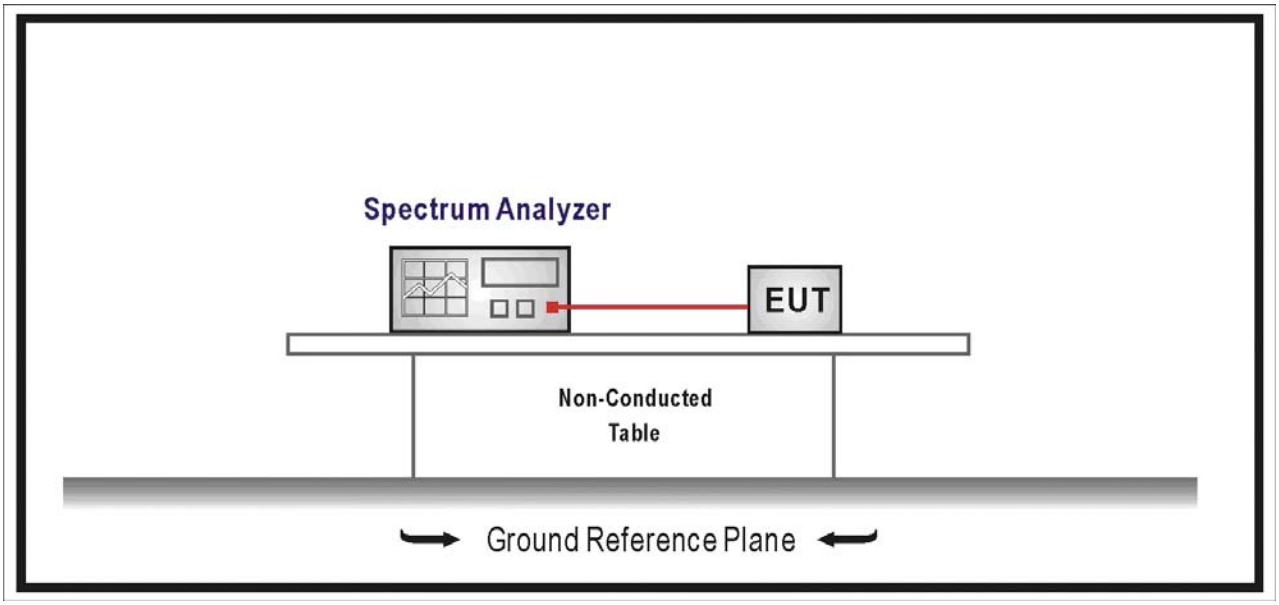
10. Power Spectral Density

10.1. Test Equipment

Power Spectral Density / AC-3

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2007/06/11
Coaxial Cable	Huber+Suhner	AC3-RF	08	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH003	2007/03/31

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

Locate and zoom in on emission peak(s) within the passband. Set RBW = 3 kHz, VBW > RBW, sweep= (SPAN/3 kHz) e.g., for a span of 1.5 MHz, the sweep should be 1.5 x 106 ÷ 3 x103 = 500 seconds. The peak level measured must be no greater than + 8 dBm. If external attenuation is used, don't forget to add this value to the reading. Use the following guidelines for modifying the power spectral density measurement procedure when necessary.

10.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

10.6. Test Result

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Peak Power Spectral Density
Test Site	:	AC-3
Test Mode	:	Mode 1: Transmit by 802.11a

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
09	5740	-17.93	8	Pass
12	5800	-17.40	8	Pass
14	5840	-19.33	8	Pass

Figure Channel 09 (5740MHz)

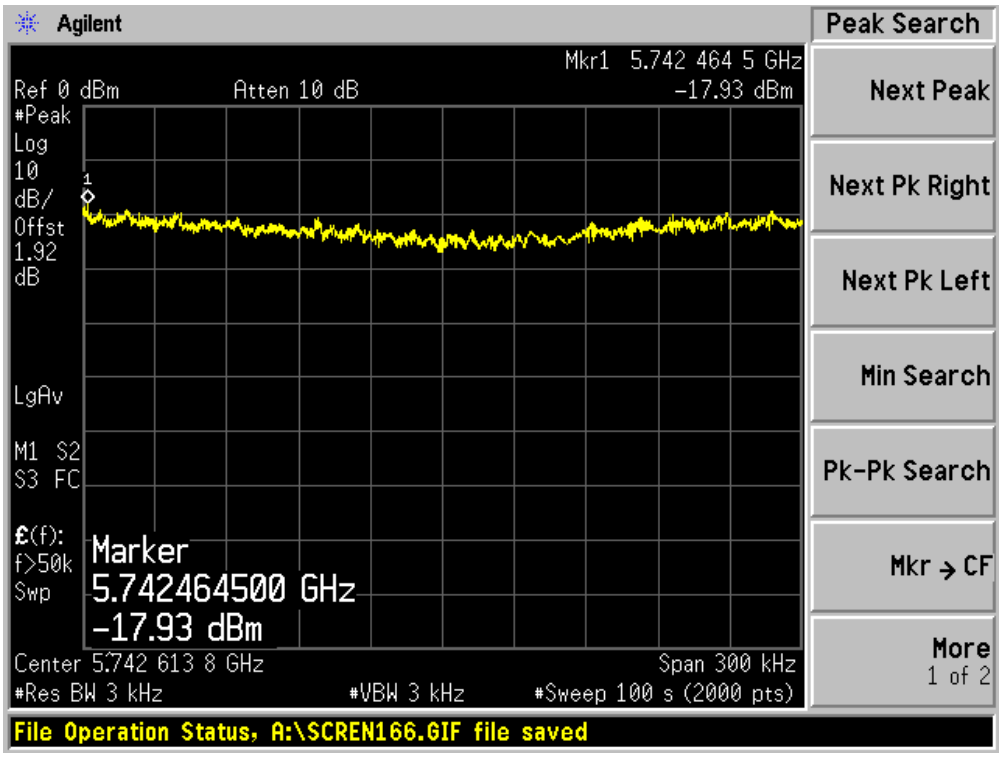


Figure Channel 12 (5800MHz)

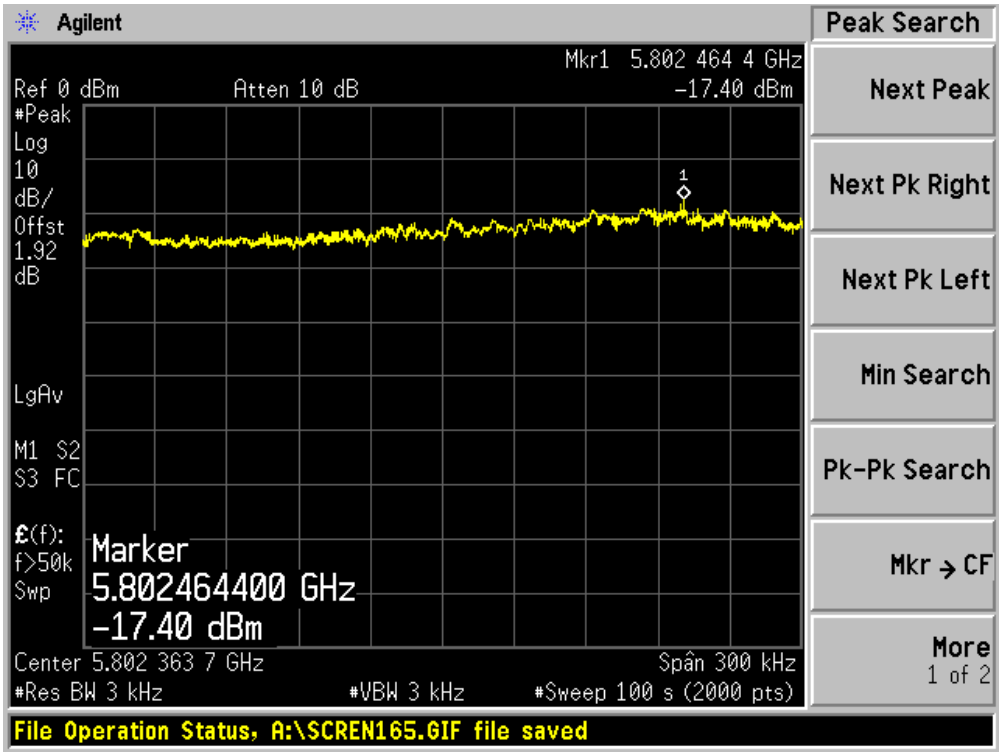
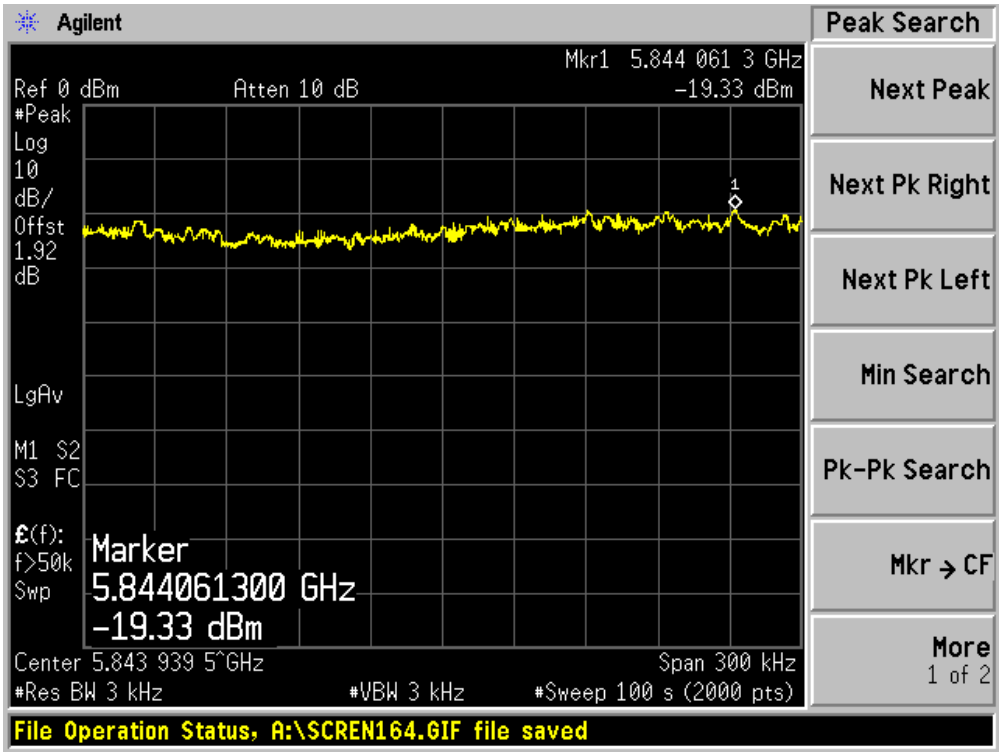


Figure Channel 14 (5840MHz)



Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Peak Power Spectral Density
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by 802.11b

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-6.46	8	Pass
06	2437	-8.01	8	Pass
11	2462	-6.74	8	Pass

Figure Channel 01 (2412MHz)

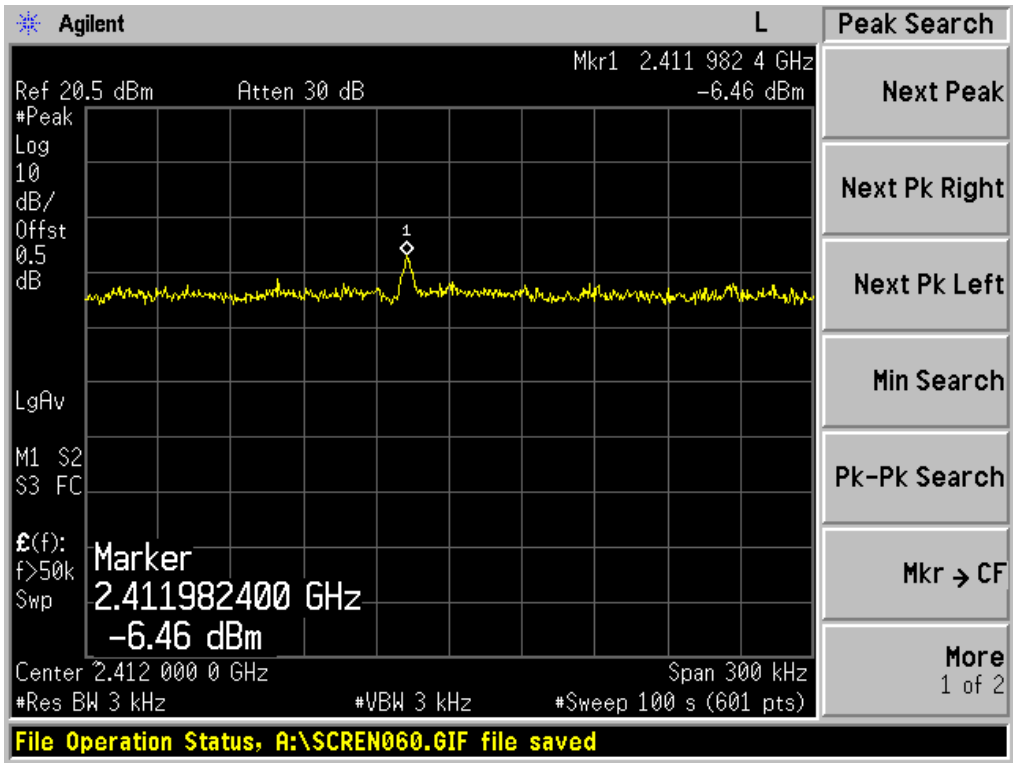


Figure Channel 06(2437MHz)

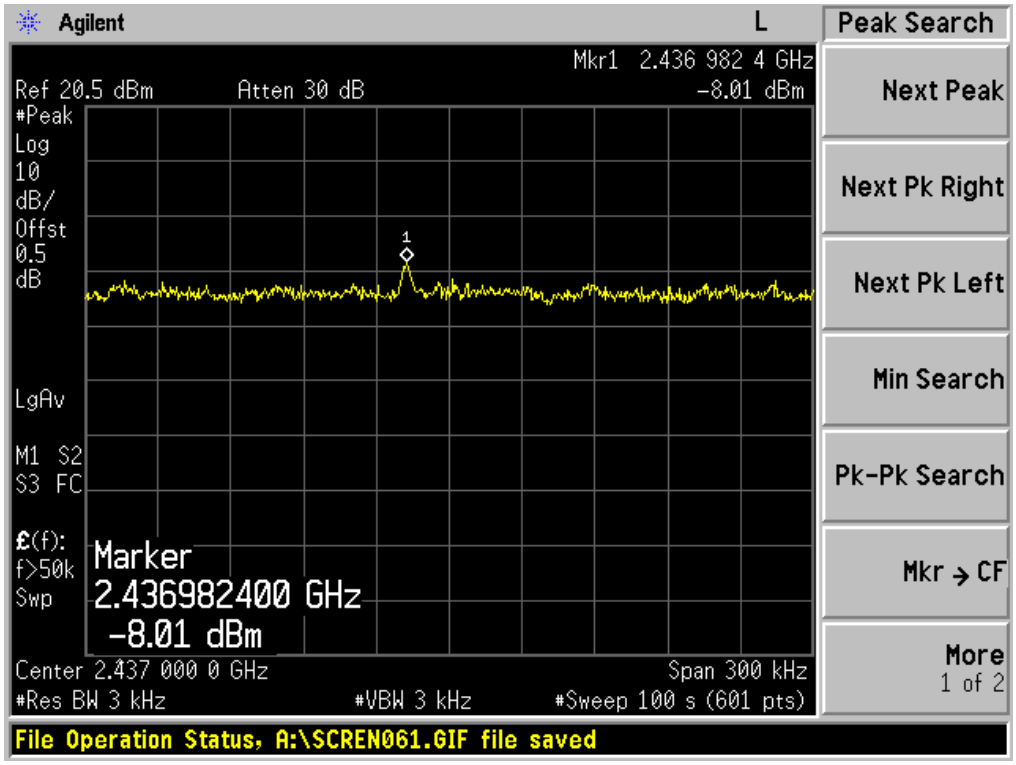
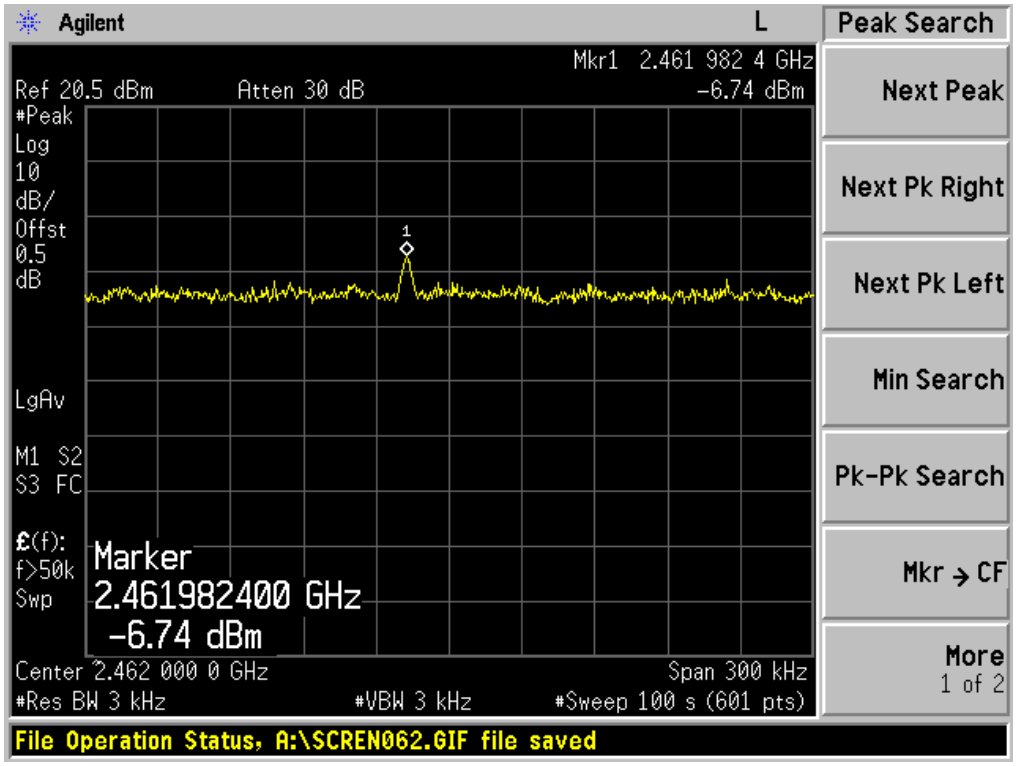


Figure Channel 11 (2462MHz)



Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Peak Power Spectral Density
Test Site	:	AC-3
Test Mode	:	Mode 3: Transmit by 802.11g

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
01	2412	-11.32	8	Pass
06	2437	-11.28	8	Pass
11	2462	-10.50	8	Pass

Figure Channel 01 (2412MHz)

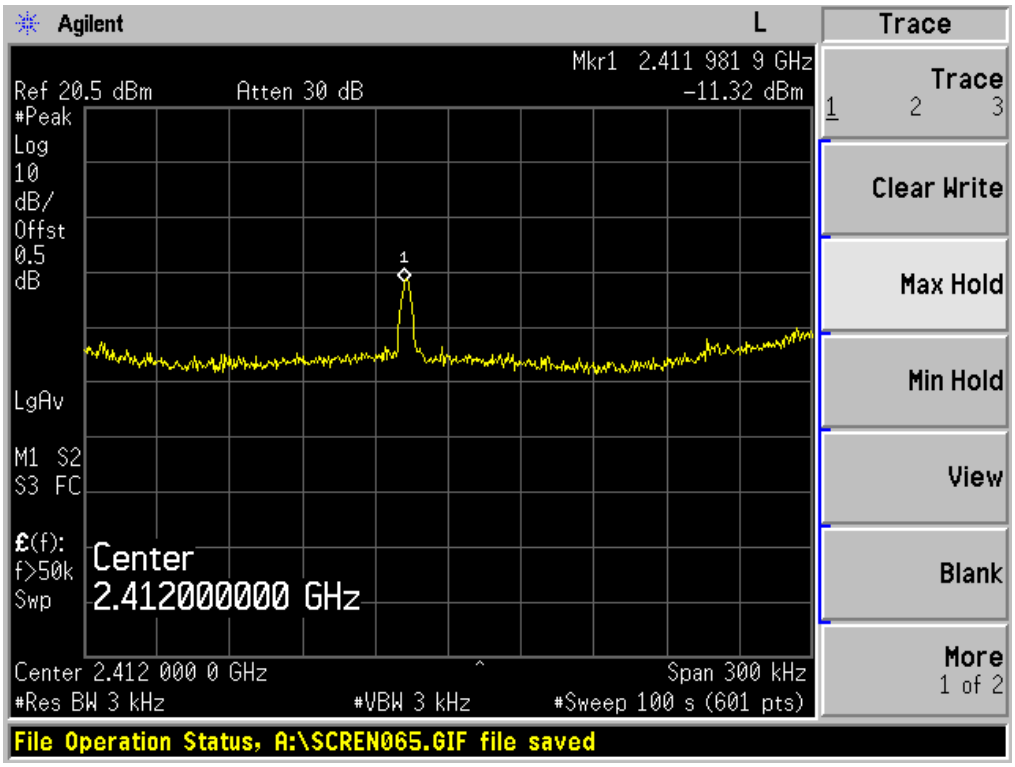


Figure Channel 06 (2437MHz)

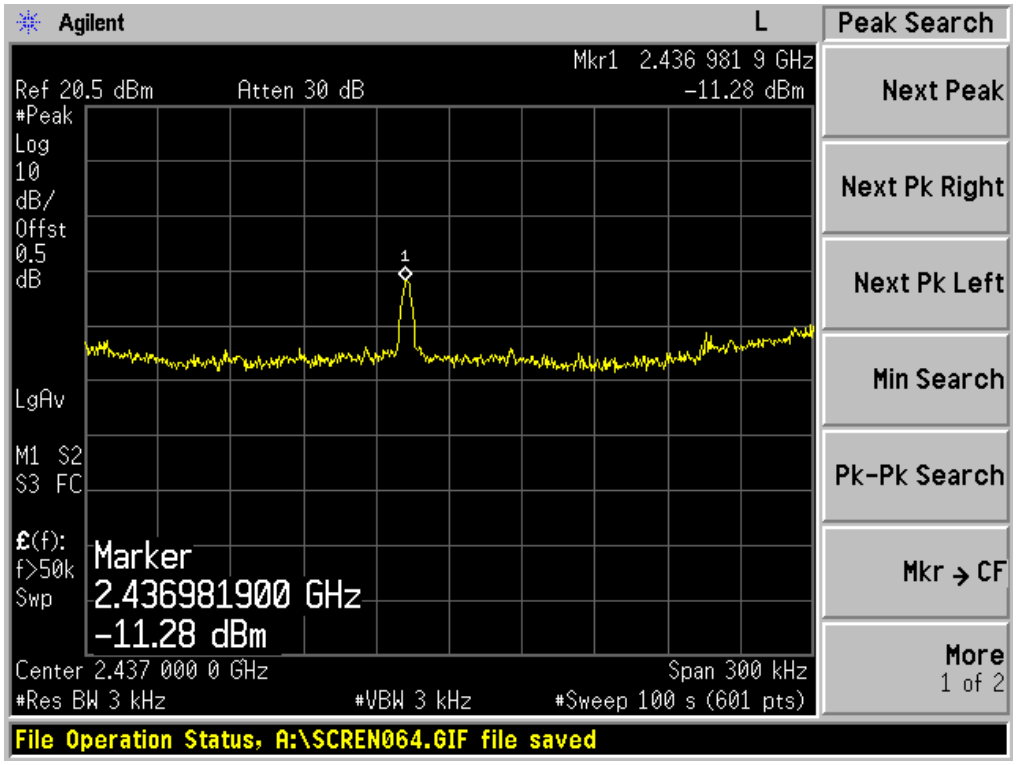
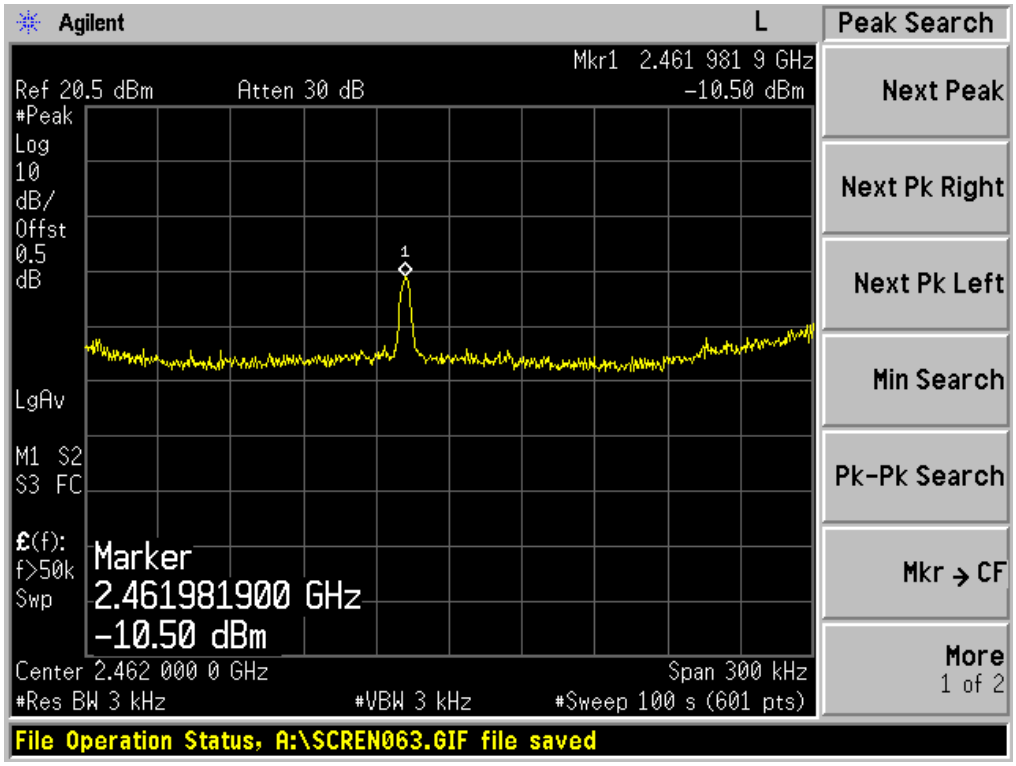


Figure Channel 11 (2462MHz)



Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Peak Power Spectral Density
Test Site	:	AC-3
Test Mode	:	Mode 4: Transmit by Super 802.11a

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
10	5760	-22.00	8	Pass
12	5800	-21.80	8	Pass
13	5820	-23.35	8	Pass

Figure Channel 10 (5760MHz)

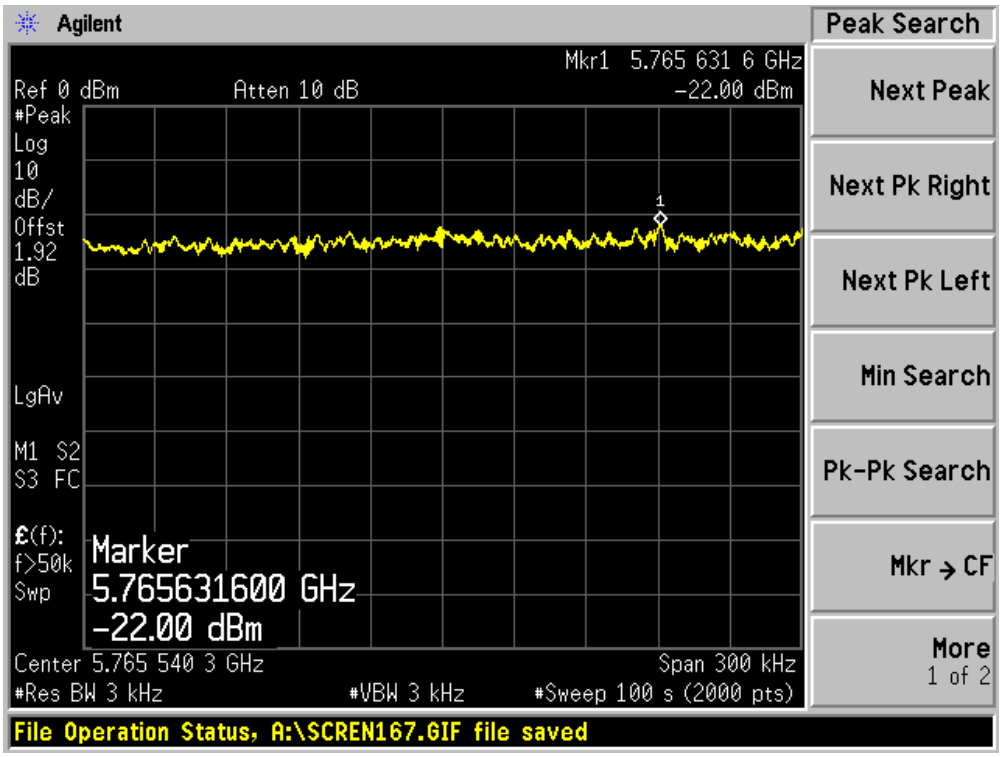


Figure Channel 12 (5800MHz)

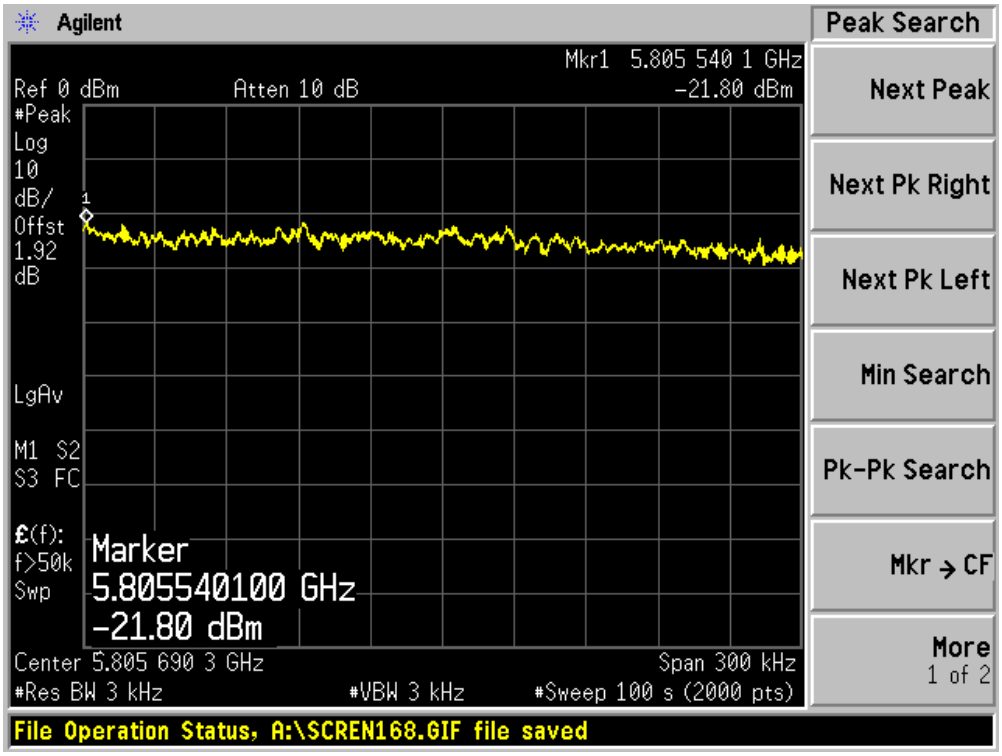
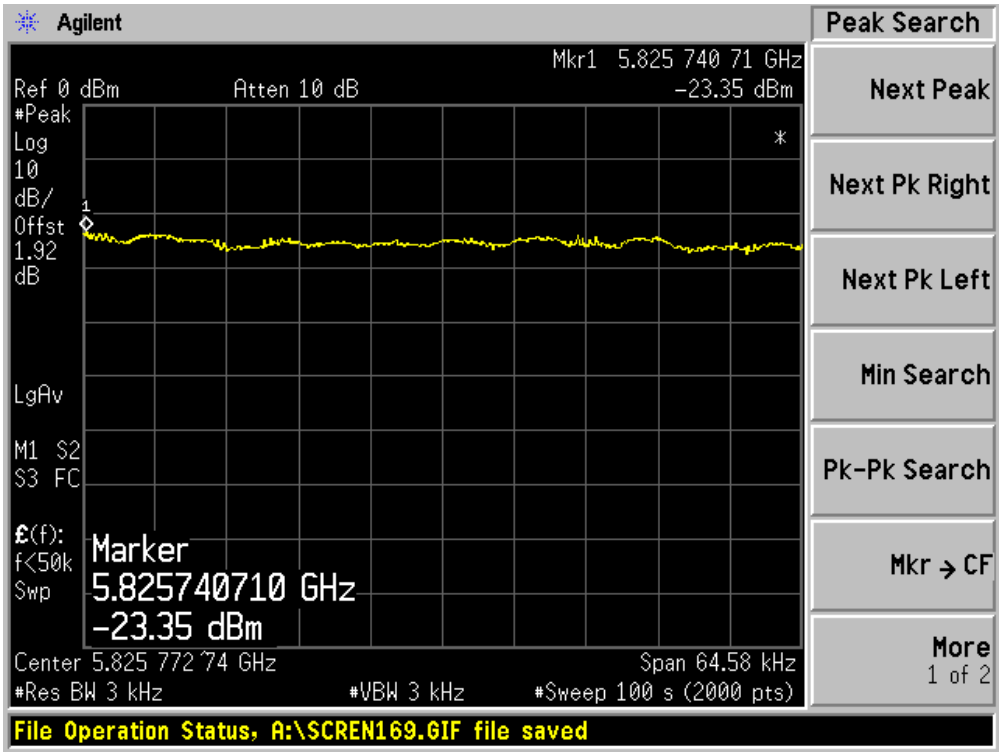


Figure Channel 13 (5820MHz)



Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Peak Power Spectral Density
Test Site	:	AC-3
Test Mode	:	Mode 3: Transmit by Super 802.11g

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm /3kHz)	Result
03	2422	-13.86	8	Pass
07	2442	-13.80	8	Pass
11	2462	-12.70	8	Pass

Figure Channel 03 (2422MHz)

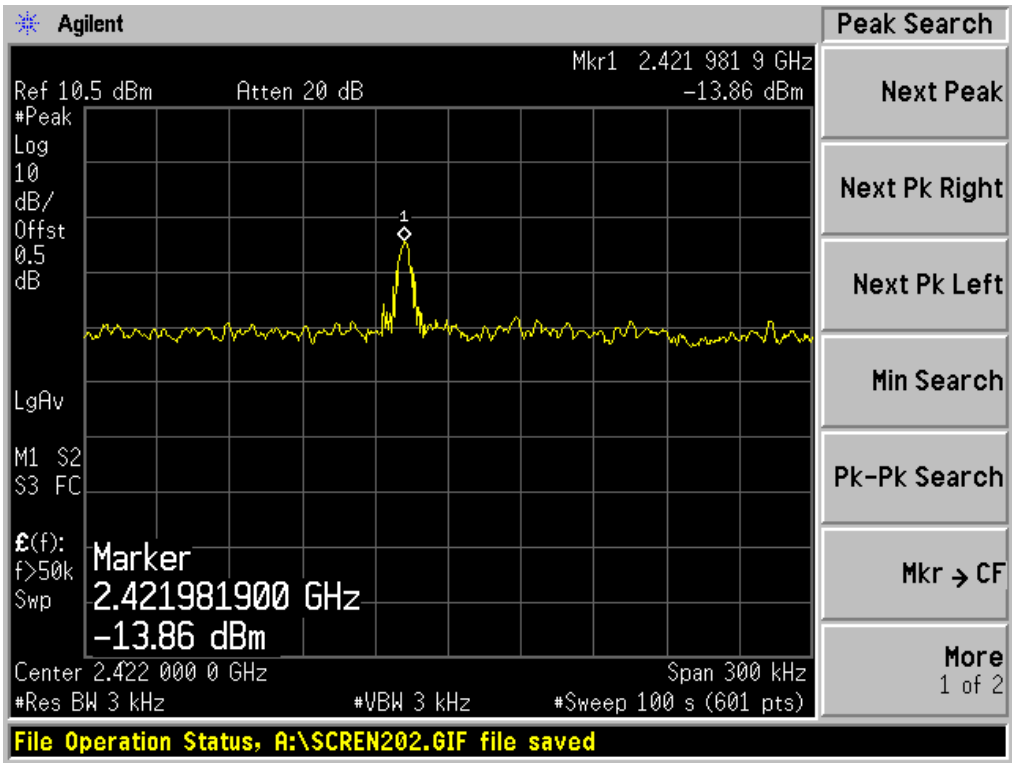


Figure Channel 07 (2442MHz)

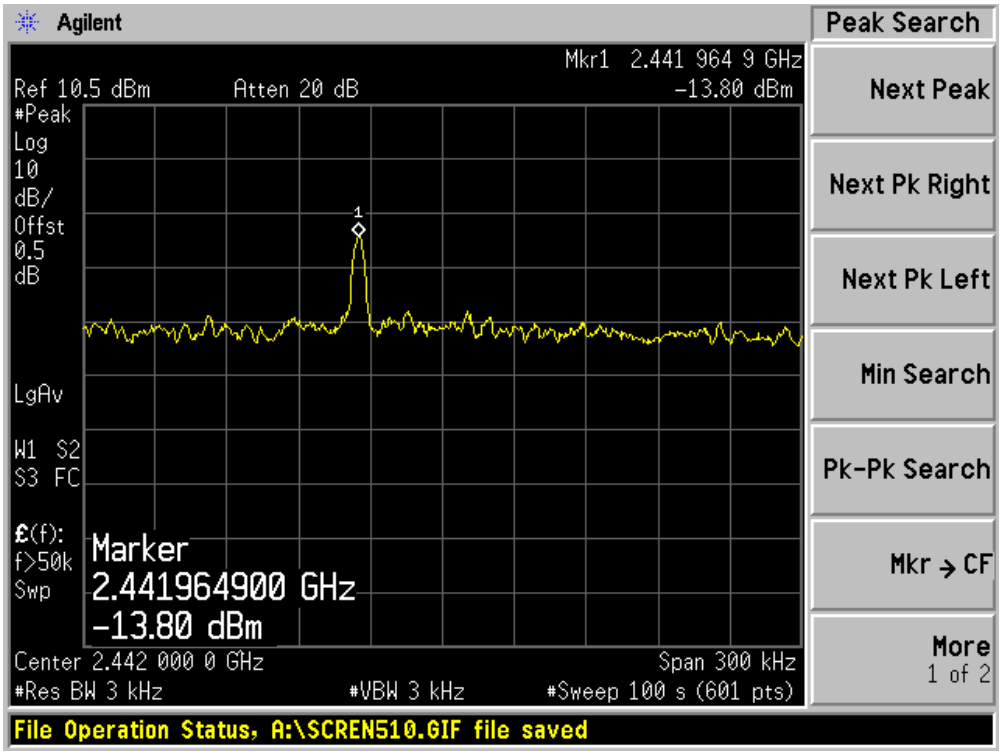


Figure Channel 11 (2462MHz)