

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-P09V01

The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration of the equipment and evaluated measurement uncertainty herein.

This report must not be used to claim product endorsement by CNLA, NVLAP, NIST or any agency of the Government.

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Test Report Certification

Issued Date : 2008/01/29

Report No. : 076S041-RF-US-P09V01



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 E: 2007
 ANSI C63.4: 2003
 Test Result : Complied
 Performed Location : SuZhou EMC laboratory
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 Hi-Tech Development Zone., SuZhou, China
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 FCC Registration number: 800392

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Laboratory Information

We , **QuietTek 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 QuietTek Corporation's Web Site : <http://tw.quietek.com/modules/myalbum/>

The address and introduction of QuietTek Corporation's laboratories can be founded in our Web site : <http://www.quietek.com/>

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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: 5180-5240 MHz, 5260-5320 MHz
	Super 802.11a: 5200-5220MHz, 5280-5320MHz
Channel Number	802.11a: 8
	Super 802.11a: 5
Type of Modulation	802.11a: OFDM
	Super 802.11a: OFDM
Channel Control	Auto
Antenna type	Built-in dielectric Antenna
Antenna Gain	1.5dBi

802.11a 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
01	5180 MHz	02	5200 MHz	03	5220 MHz	04	5240 MHz
05	5260 MHz	06	5280 MHz	07	5300 MHz	08	5320 MHz

Super 802.11a Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
01	--	02	5200 MHz	03	5220 MHz	04	--
05	--	06	5280 MHz	07	5300 MHz	08	5320 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:

Test Mode
Mode 1: Transmit by 802.11a
Mode 2: Transmit by Super 802.11a

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 (5180MHz)								
Data Rate (Mbps)	6	9	12	18	24	36	48	54
Power (dBm)	11.82	11.81	11.80	11.80	11.78	11.79	11.77	11.75
Super 802.11a Channel 2 (5200MHz)								
Data Rate (Mbps)	12	18	24	36	48	72	96	108
Power (dBm)	13.56	13.53	13.56	13.49	13.47	13.46	13.48	13.45

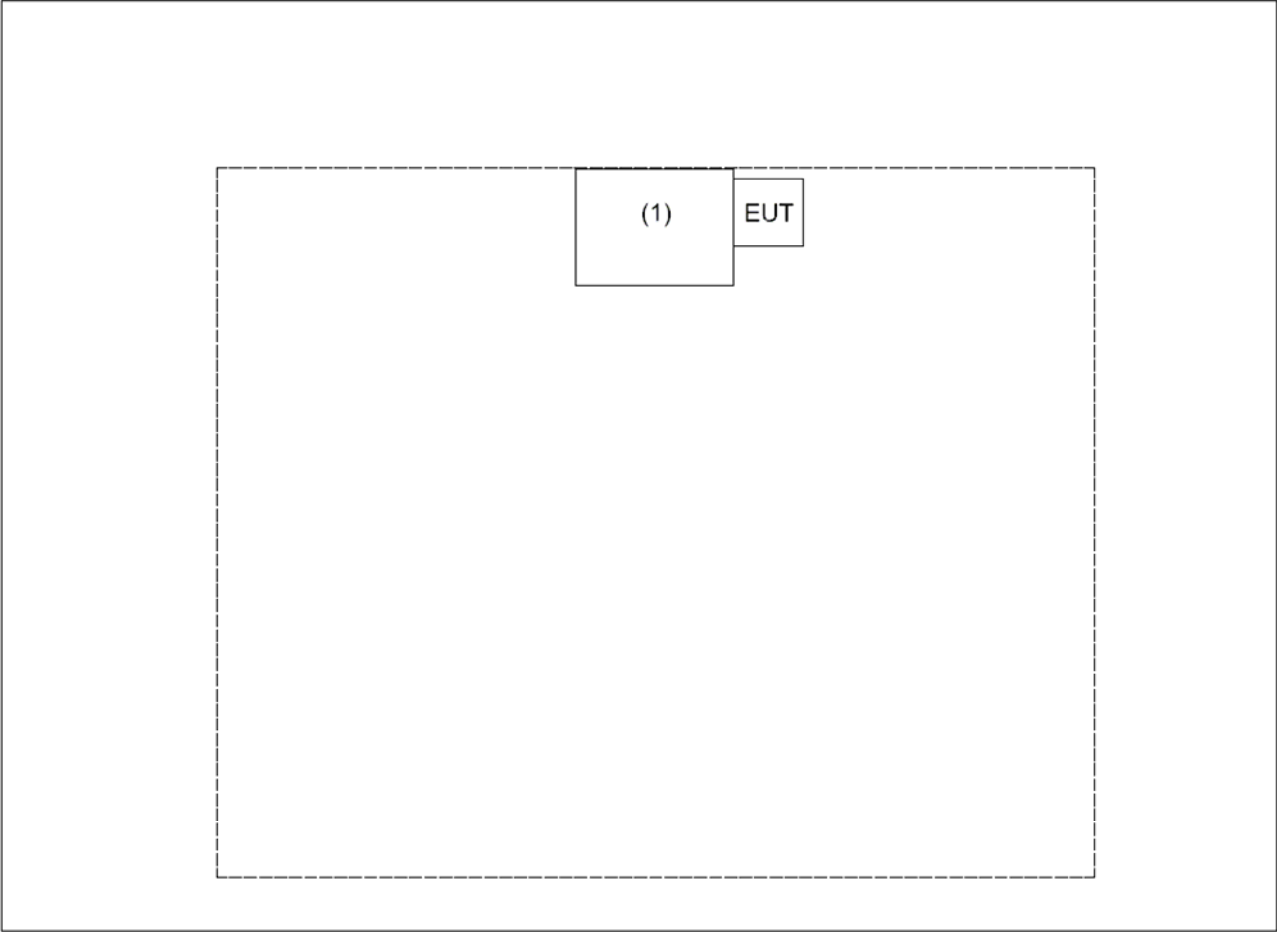
Note: Base on above table, we choose the lowest data rate for final test.

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
26dBc Occupied Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.407(a)	Yes	No
Power Output	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.407(a)	Yes	No
Peak Power Spectral Density	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.407(a)	Yes	No
Peak Excursion	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.407(a)(6)	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 15.407(b)	Yes	No
Frequency Stability	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.407(g)	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

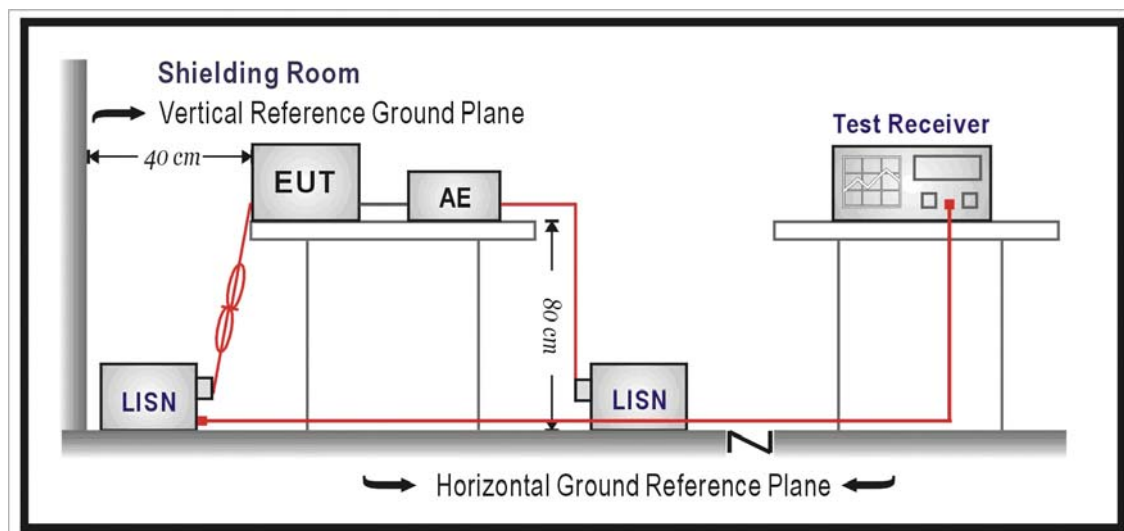
3. Conducted Emission

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	50ohml	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.

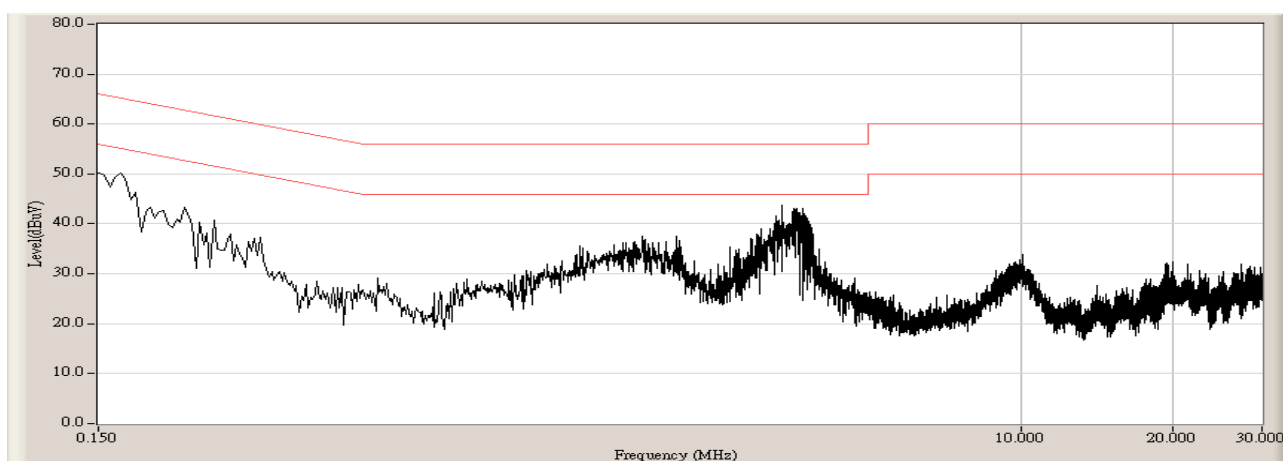
Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

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 - 09:36
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 (5200MHz)



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	Time : 2007/07/13 - 09:36
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 (5200MHz)

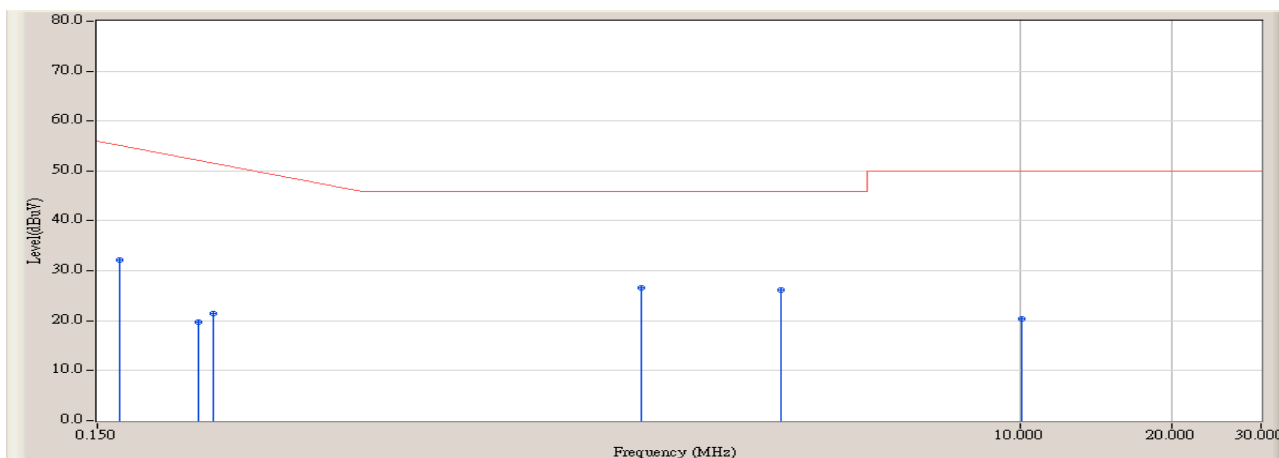


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	10.048	33.600	43.648	-21.895	65.543	QUASIPeAK
2		0.238	9.325	26.100	35.425	-28.061	63.486	QUASIPeAK
3		0.254	9.350	26.800	36.150	-26.879	63.029	QUASIPeAK
4		1.790	9.790	23.600	33.390	-22.610	56.000	QUASIPeAK
5	*	3.370	9.820	27.300	37.120	-18.880	56.000	QUASIPeAK
6		10.070	9.960	16.400	26.360	-33.640	60.000	QUASIPeAK

Note:

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

Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	Time : 2007/07/13 - 09:36
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 (5200MHz)

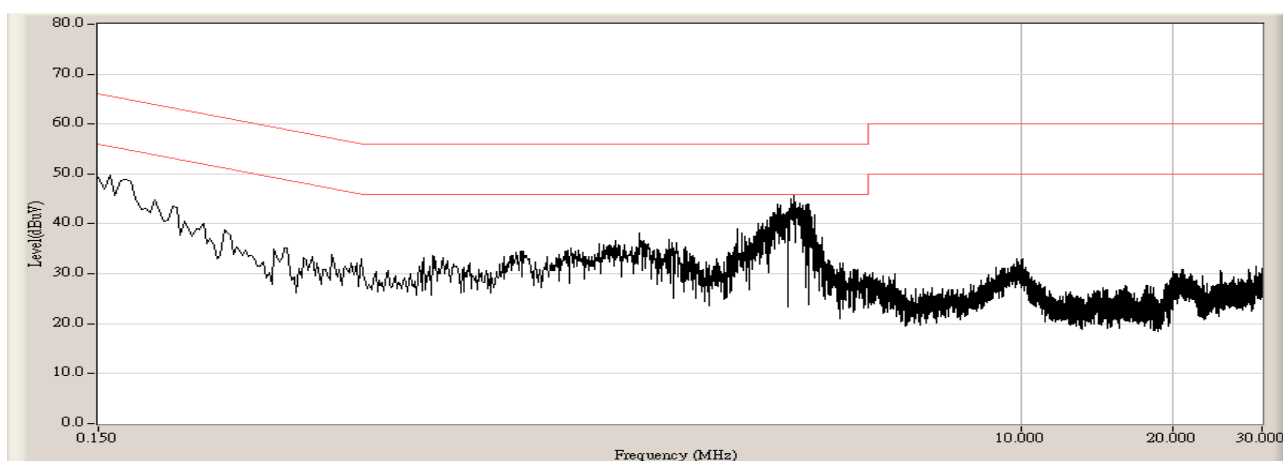


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	10.048	22.200	32.248	-23.295	55.543	AVERAGE
2		0.238	9.325	10.400	19.725	-33.761	53.486	AVERAGE
3		0.254	9.350	12.100	21.450	-31.579	53.029	AVERAGE
4	*	1.790	9.790	16.900	26.690	-19.310	46.000	AVERAGE
5		3.370	9.820	16.400	26.220	-19.780	46.000	AVERAGE
6		10.070	9.960	10.500	20.460	-29.540	50.000	AVERAGE

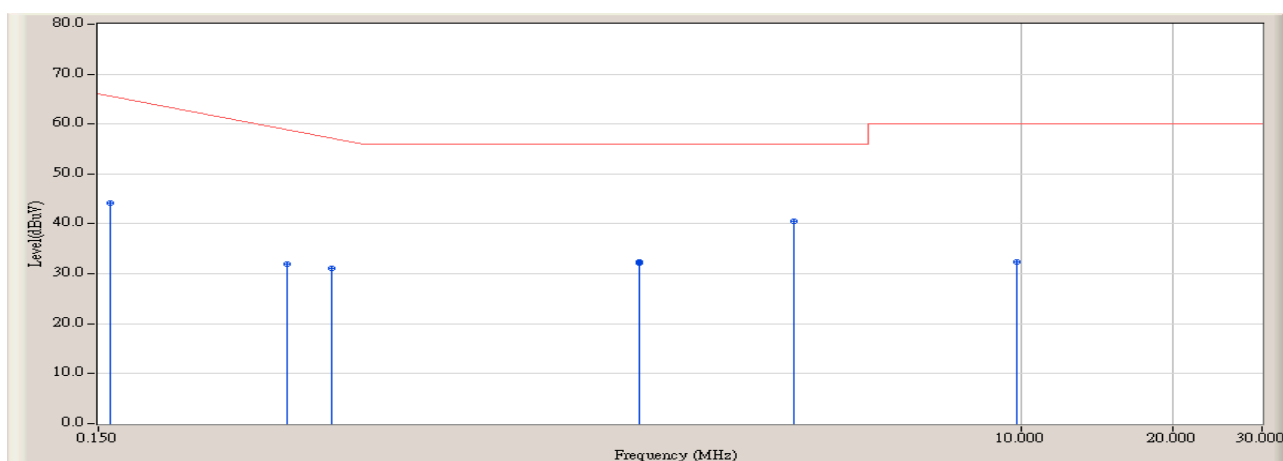
Note:

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

Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	Time : 2007/07/13 - 09:43
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 (5200MHz)



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	Time : 2007/07/13 - 09:43
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 (5200MHz)

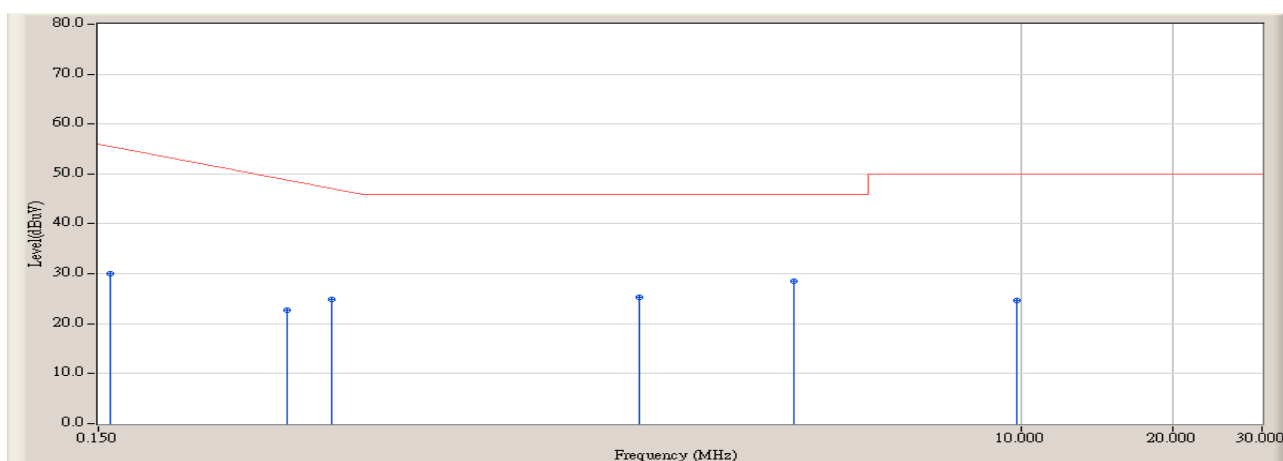


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.158	9.662	34.500	44.162	-21.609	65.771	QUASIPeAK
2		0.354	9.575	22.400	31.975	-28.196	60.171	QUASIPeAK
3		0.434	9.645	21.400	31.045	-26.841	57.886	QUASIPeAK
4		1.766	9.776	22.500	32.276	-23.724	56.000	QUASIPeAK
5		1.766	9.776	22.600	32.376	-23.624	56.000	QUASIPeAK
6	*	3.554	9.750	30.700	40.450	-15.550	56.000	QUASIPeAK
7		9.842	9.950	22.500	32.450	-27.550	60.000	QUASIPeAK

Note:

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

Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	Time : 2007/07/13 - 09:43
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 (5200MHz)

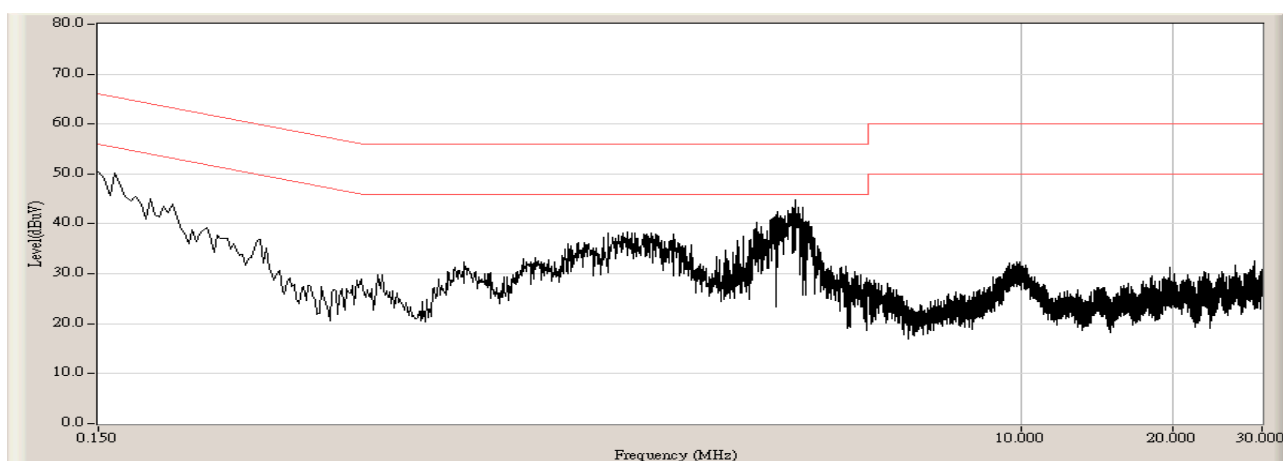


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.158	9.662	20.400	30.062	-25.709	55.771	AVERAGE
2		0.354	9.575	13.200	22.775	-27.396	50.171	AVERAGE
3		0.434	9.645	15.200	24.845	-23.041	47.886	AVERAGE
4		1.766	9.776	15.500	25.276	-20.724	46.000	AVERAGE
5	*	3.554	9.750	18.700	28.450	-17.550	46.000	AVERAGE
6		9.842	9.950	14.800	24.750	-25.250	50.000	AVERAGE

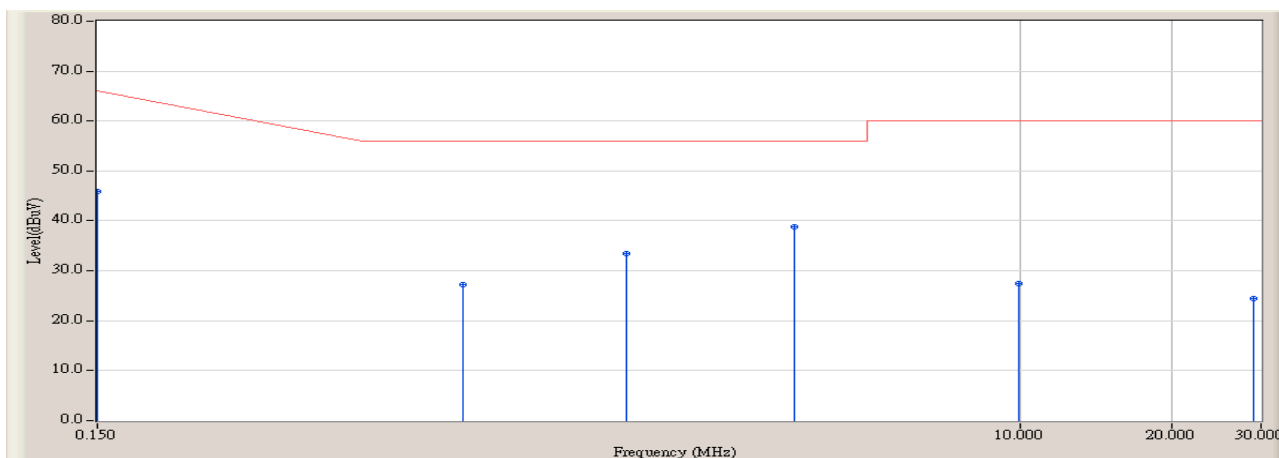
Note:

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

Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	Time : 2007/07/13 - 09:46
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 (5280MHz)



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	Time : 2007/07/13 - 09:49
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 (5280MHz)

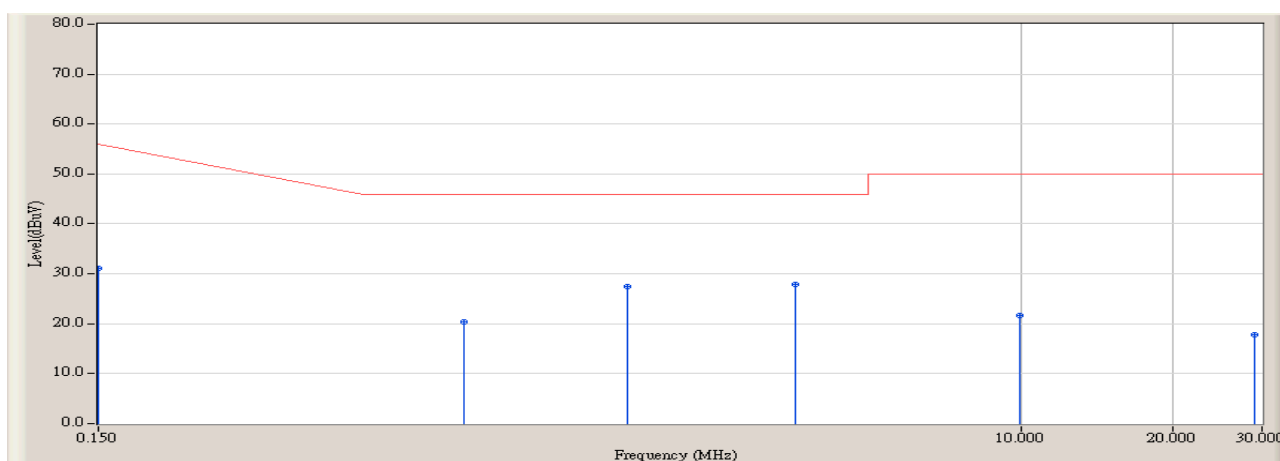


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	10.174	35.700	45.874	-20.126	66.000	QUASIPeAK
2		0.794	9.674	17.600	27.274	-28.726	56.000	QUASIPeAK
3		1.670	9.760	23.700	33.460	-22.540	56.000	QUASIPeAK
4	*	3.586	9.810	29.000	38.810	-17.190	56.000	QUASIPeAK
5		9.954	9.960	17.500	27.460	-32.540	60.000	QUASIPeAK
6		28.910	10.290	14.100	24.390	-35.610	60.000	QUASIPeAK

Note:

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

Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	Time : 2007/07/13 - 09:49
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 (5280MHz)

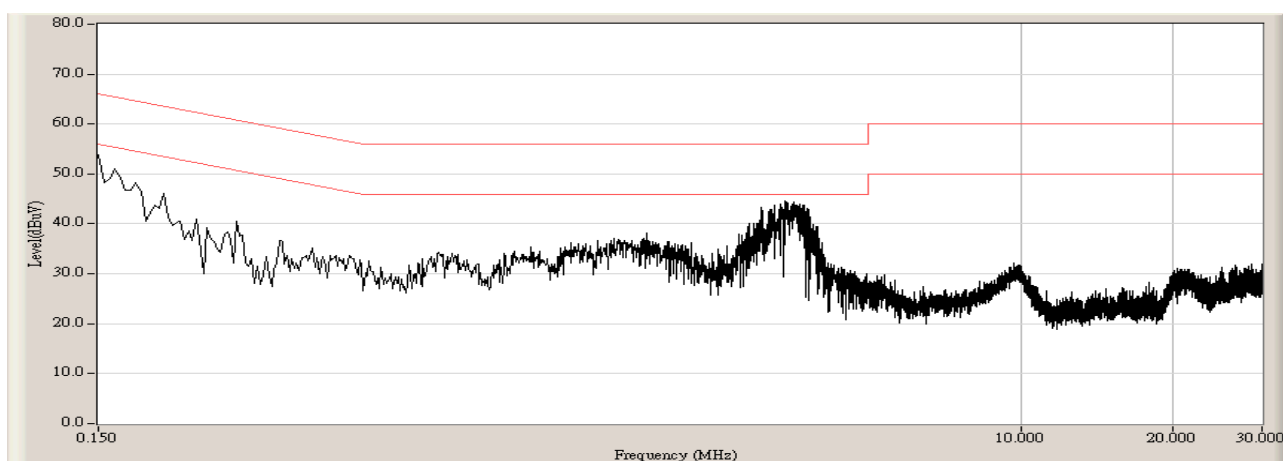


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	10.174	20.900	31.074	-24.926	56.000	AVERAGE
2		0.794	9.674	10.600	20.274	-25.726	46.000	AVERAGE
3		1.670	9.760	17.800	27.560	-18.440	46.000	AVERAGE
4	*	3.586	9.810	18.000	27.810	-18.190	46.000	AVERAGE
5		9.954	9.960	11.700	21.660	-28.340	50.000	AVERAGE
6		28.910	10.290	7.500	17.790	-32.210	50.000	AVERAGE

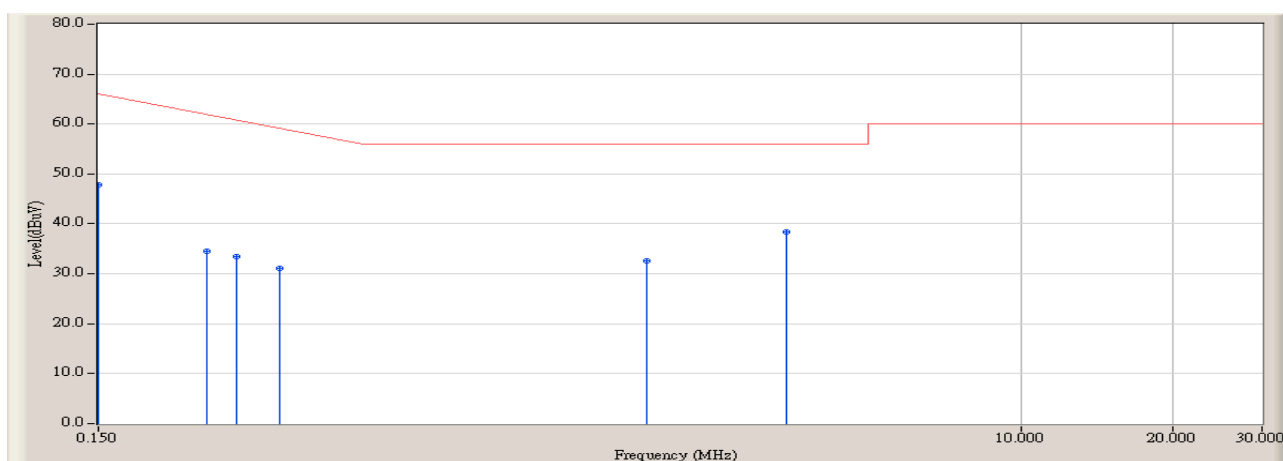
Note:

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

Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	Time : 2007/07/13 - 09:51
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 (5280MHz)



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	Time : 2007/07/13 - 09:54
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 (5280MHz)

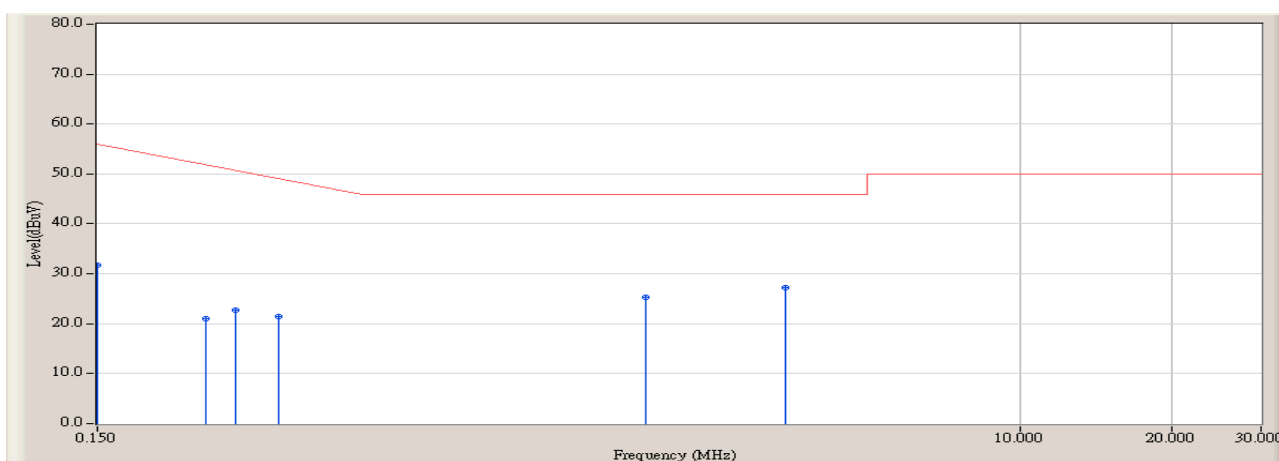


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	9.678	38.100	47.778	-18.222	66.000	QUASIPeAK
2		0.246	9.459	25.000	34.459	-28.798	63.257	QUASIPeAK
3		0.282	9.503	24.000	33.503	-28.726	62.229	QUASIPeAK
4		0.342	9.563	21.600	31.163	-29.351	60.514	QUASIPeAK
5		1.826	9.780	22.800	32.580	-23.420	56.000	QUASIPeAK
6	*	3.430	9.750	28.700	38.450	-17.550	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 - 09:54
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 (5280MHz)

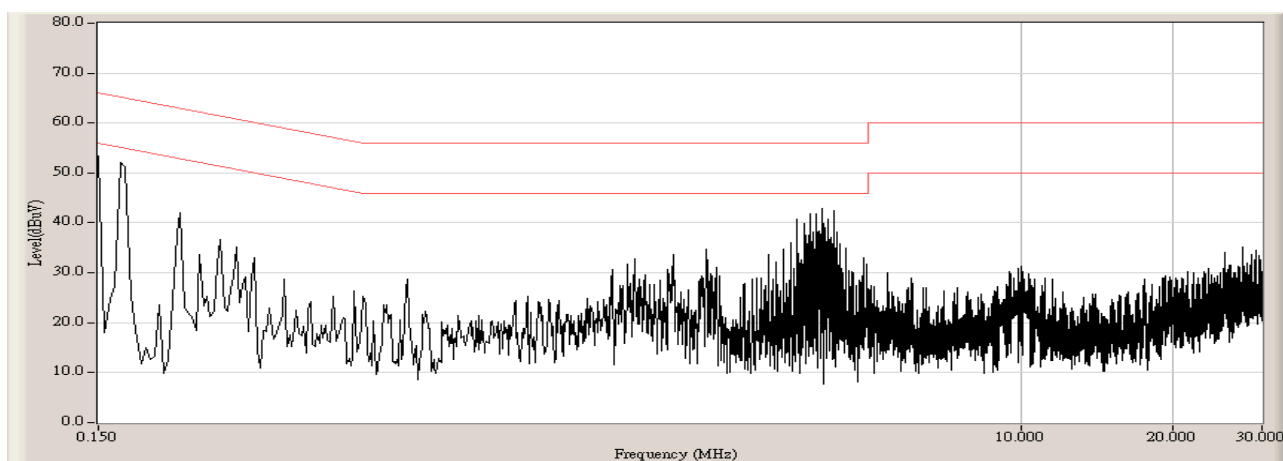


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	9.678	22.100	31.778	-24.222	56.000	AVERAGE
2		0.246	9.459	11.600	21.059	-32.198	53.257	AVERAGE
3		0.282	9.503	13.300	22.803	-29.426	52.229	AVERAGE
4		0.342	9.563	11.900	21.463	-29.051	50.514	AVERAGE
5		1.826	9.780	15.600	25.380	-20.620	46.000	AVERAGE
6	*	3.430	9.750	17.400	27.150	-18.850	46.000	AVERAGE

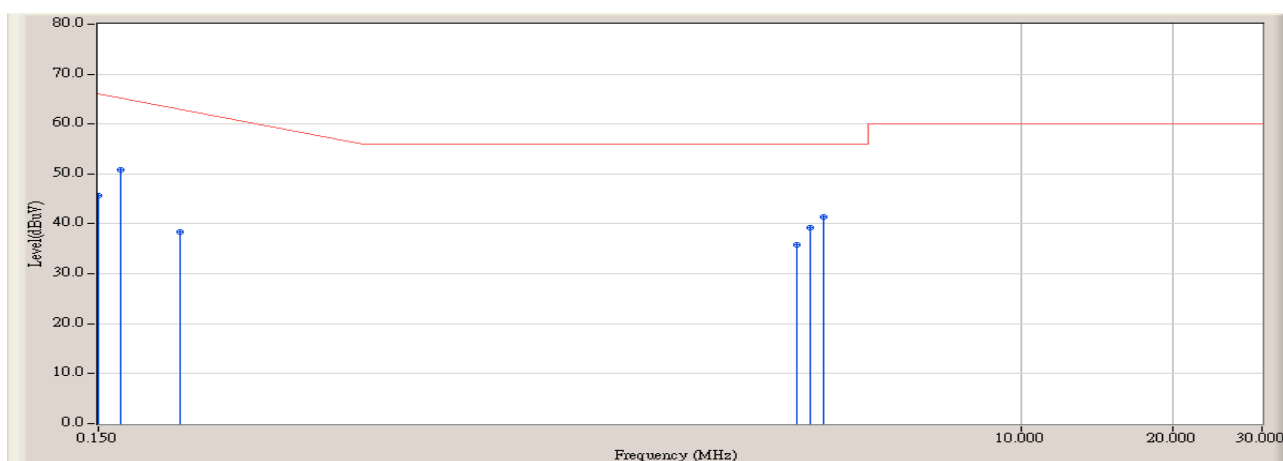
Note:

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 : 2007/07/112 - 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 Super 802.11a (5220MHz)



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	Time : 2007/07/112 - 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 Super 802.11a (5220MHz)

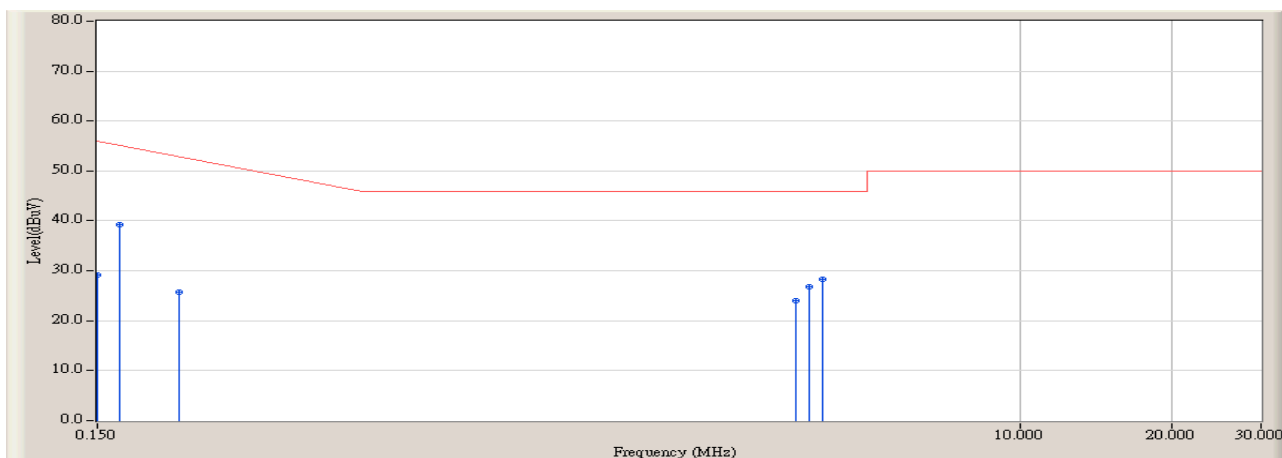


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	10.174	35.500	45.674	-20.326	66.000	QUASIPeAK
2		0.166	10.048	40.700	50.748	-14.795	65.543	QUASIPeAK
3		0.218	9.307	29.100	38.407	-25.650	64.057	QUASIPeAK
4		3.614	9.810	26.100	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 : 2007/07/112 - 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 Super 802.11a (5220MHz)

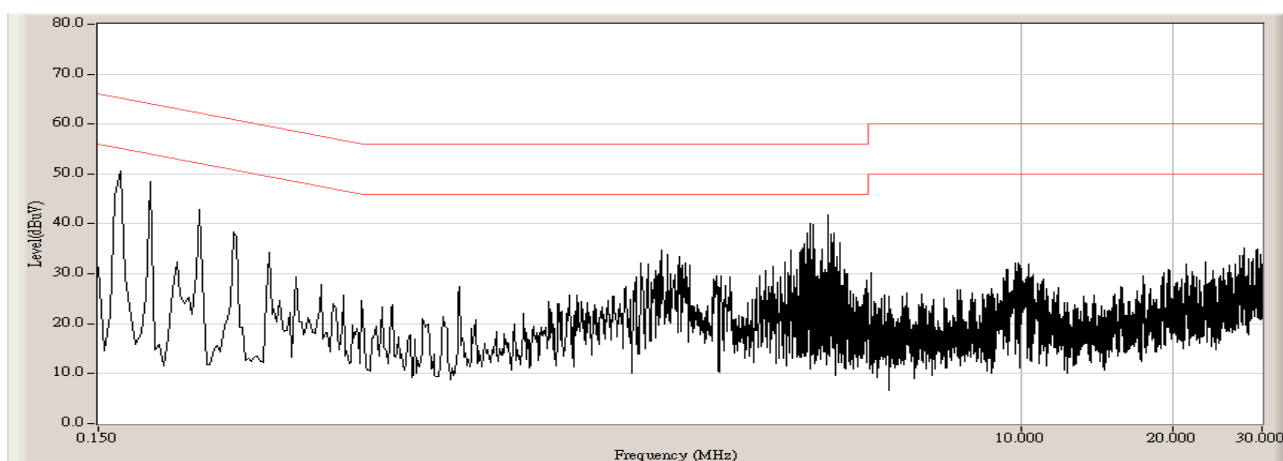


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	10.174	18.900	29.074	-26.926	56.000	AVERAGE
2	*	0.166	10.048	29.100	39.148	-16.395	55.543	AVERAGE
3		0.218	9.307	16.400	25.707	-28.350	54.057	AVERAGE
4		3.614	9.810	14.300	24.110	-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

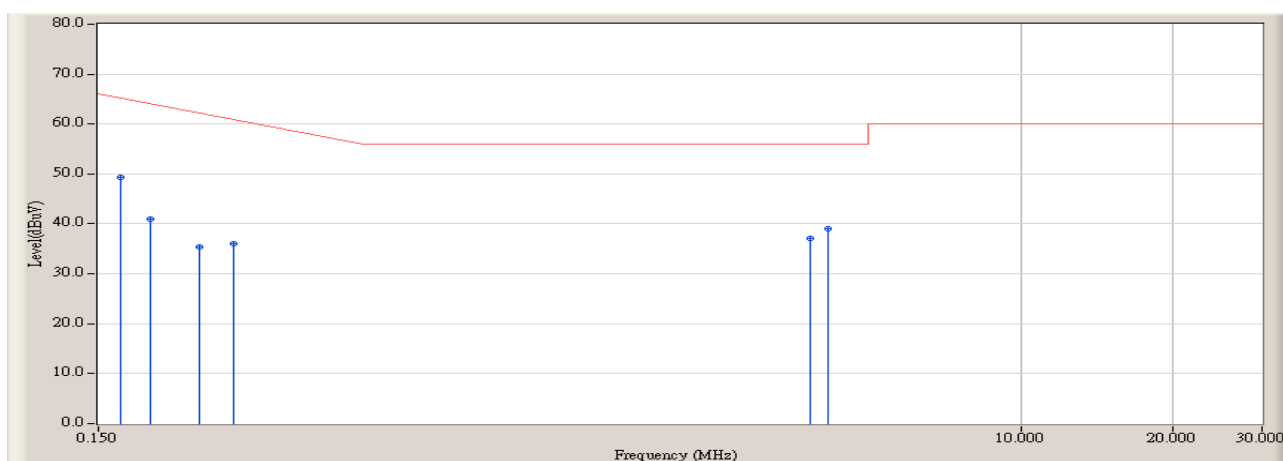
Note:

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 : 2007/07/112 - 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 Super 802.11a (5220MHz)



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	Time : 2007/07/112 - 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 Super 802.11a (5220MHz)

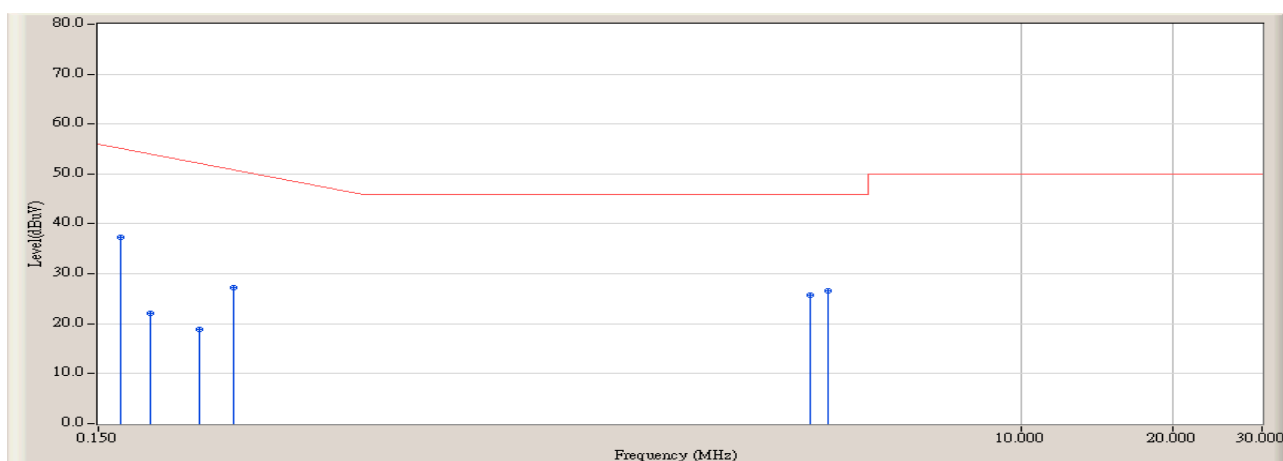


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.166	9.615	39.700	49.315	-16.228	65.543	QUASIPeAK
2		0.190	9.471	31.500	40.972	-23.885	64.857	QUASIPeAK
3		0.238	9.449	26.000	35.449	-28.037	63.486	QUASIPeAK
4		0.278	9.499	26.600	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 : 2007/07/112 - 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 Super 802.11a (5220MHz)

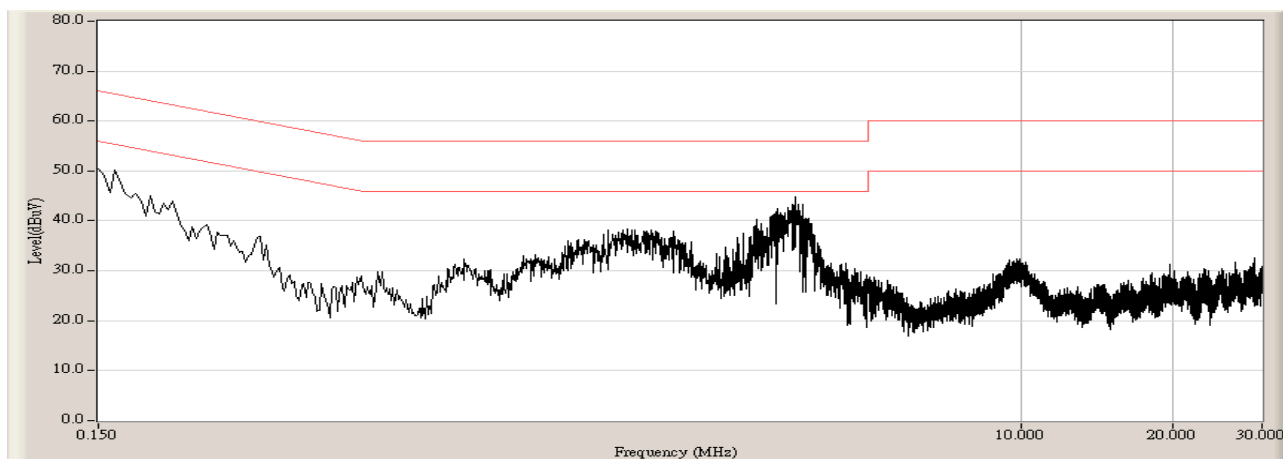


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.166	9.615	27.600	37.215	-18.328	55.543	AVERAGE
2		0.190	9.471	12.700	22.172	-32.685	54.857	AVERAGE
3		0.238	9.449	9.500	18.949	-34.537	53.486	AVERAGE
4		0.278	9.499	17.700	27.199	-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

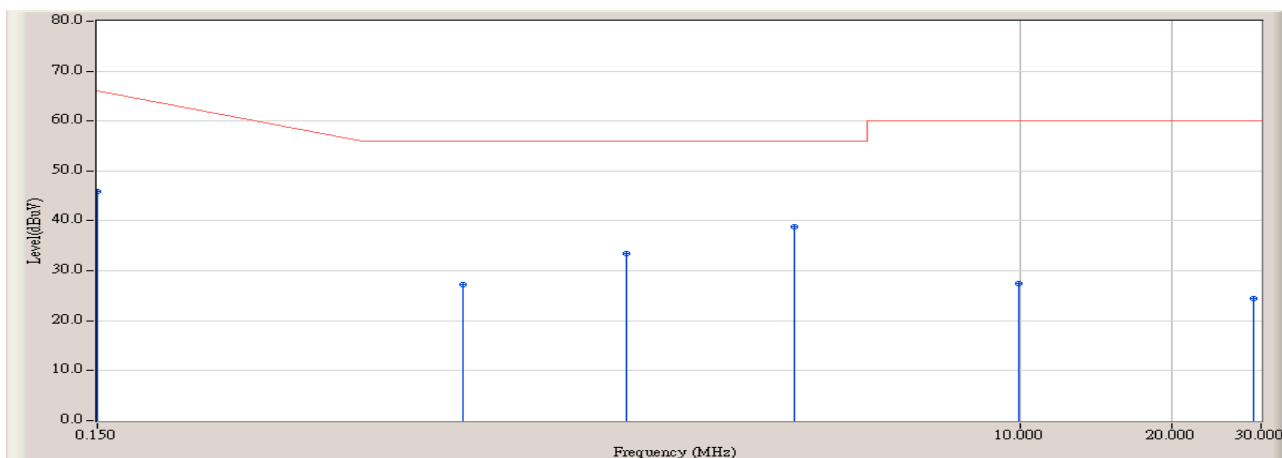
Note:

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 : 2007/07/11 - 09:46
Limit : FCC_Part15_B_00M_QP	Margin : 10
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5300MHz)



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	Time : 2007/07/11 - 09:49
Limit : FCC_Part15_B_00M_QP	Margin : 0
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5300MHz)

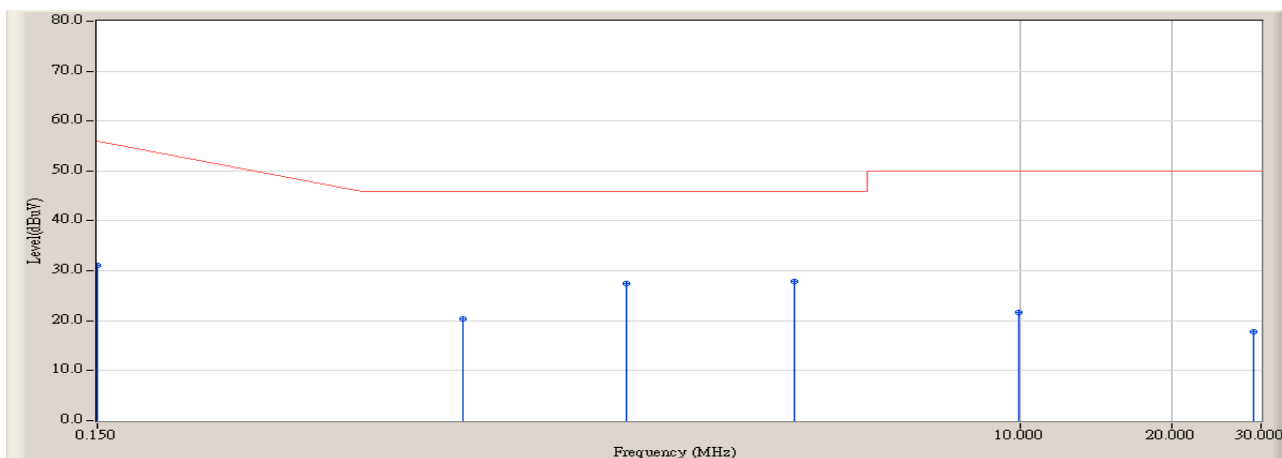


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	10.174	35.700	45.874	-20.126	66.000	QUASIPeAK
2		0.794	9.674	17.600	27.274	-28.726	56.000	QUASIPeAK
3		1.670	9.760	23.700	33.460	-22.540	56.000	QUASIPeAK
4	*	3.586	9.810	29.000	38.810	-17.190	56.000	QUASIPeAK
5		9.954	9.960	17.500	27.460	-32.540	60.000	QUASIPeAK
6		28.910	10.290	14.100	24.390	-35.610	60.000	QUASIPeAK

Note:

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

Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	Time : 2007/07/11 - 09:49
Limit : FCC_Part15_B_00M_AV	Margin : 0
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5300MHz)

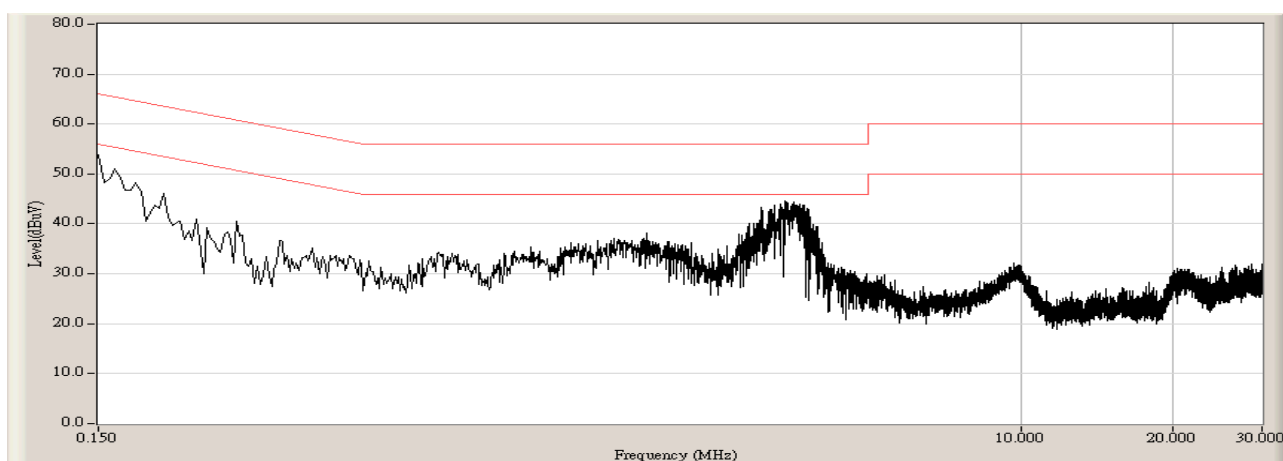


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	10.174	20.900	31.074	-24.926	56.000	AVERAGE
2		0.794	9.674	10.600	20.274	-25.726	46.000	AVERAGE
3		1.670	9.760	17.800	27.560	-18.440	46.000	AVERAGE
4	*	3.586	9.810	18.000	27.810	-18.190	46.000	AVERAGE
5		9.954	9.960	11.700	21.660	-28.340	50.000	AVERAGE
6		28.910	10.290	7.500	17.790	-32.210	50.000	AVERAGE

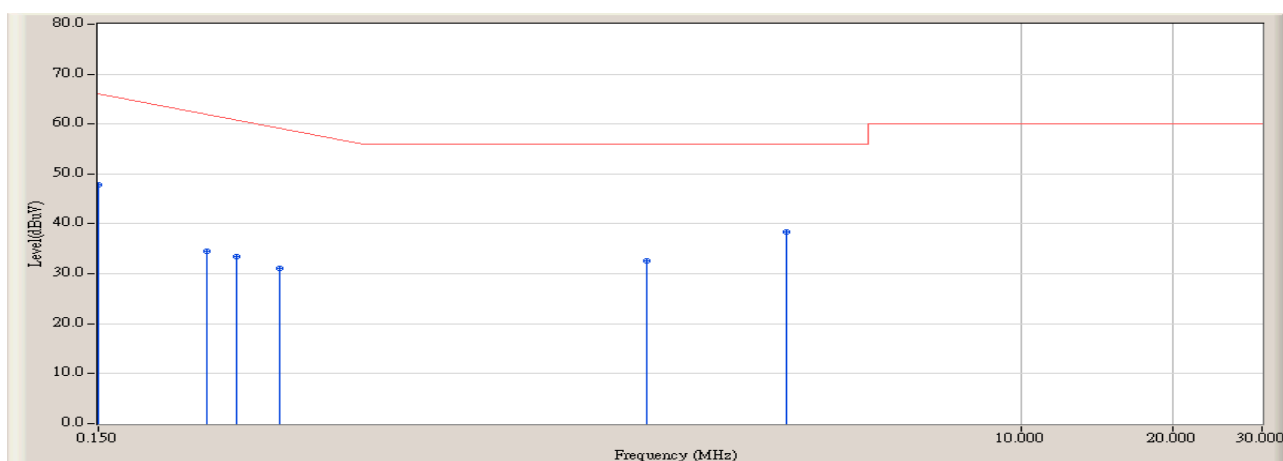
Note:

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

Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	Time : 2007/07/11 - 09:51
Limit : FCC_Part15_B_00M_QP	Margin : 10
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5300MHz)



Engineer : JohnWang	
Site : SR-1 (Conducted Emission)	Time : 2007/07/11 - 09:54
Limit : FCC_Part15_B_00M_QP	Margin : 0
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5300MHz)

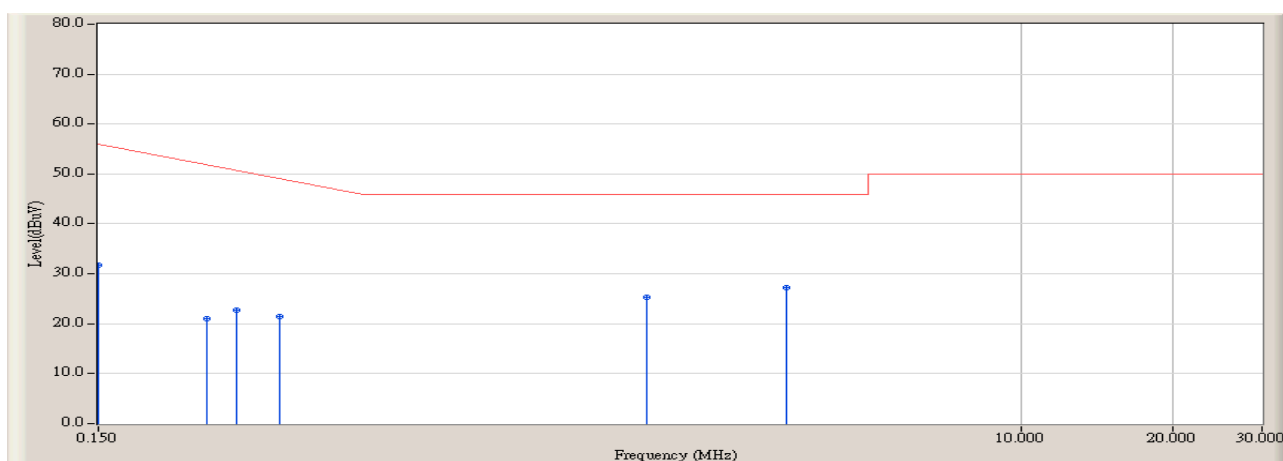


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	9.678	38.100	47.778	-18.222	66.000	QUASIPeAK
2		0.246	9.459	25.000	34.459	-28.798	63.257	QUASIPeAK
3		0.282	9.503	24.000	33.503	-28.726	62.229	QUASIPeAK
4		0.342	9.563	21.600	31.163	-29.351	60.514	QUASIPeAK
5		1.826	9.780	22.800	32.580	-23.420	56.000	QUASIPeAK
6	*	3.430	9.750	28.700	38.450	-17.550	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 : 2007/07/11 - 09:54
Limit : FCC_Part15_B_00M_AV	Margin : 0
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5300MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	9.678	22.100	31.778	-24.222	56.000	AVERAGE
2		0.246	9.459	11.600	21.059	-32.198	53.257	AVERAGE
3		0.282	9.503	13.300	22.803	-29.426	52.229	AVERAGE
4		0.342	9.563	11.900	21.463	-29.051	50.514	AVERAGE
5		1.826	9.780	15.600	25.380	-20.620	46.000	AVERAGE
6	*	3.430	9.750	17.400	27.150	-18.850	46.000	AVERAGE

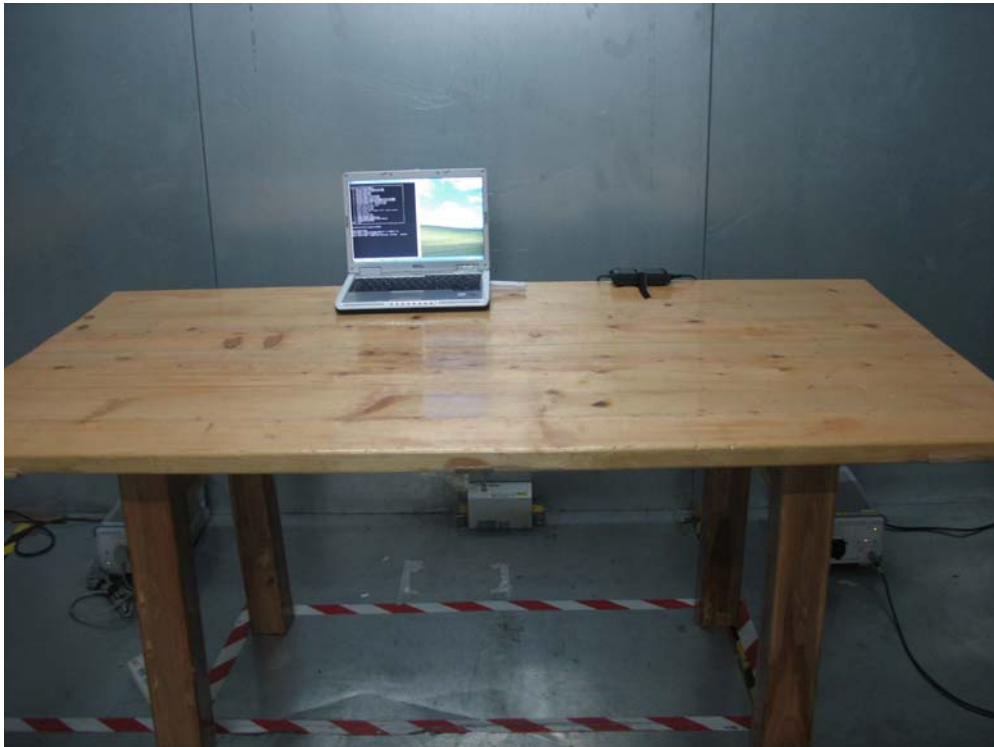
Note:

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 Super 802.11a

Description: Front View of Conduction Test



Test Mode: Mode 2: Transmit by Super 802.11a

Description: Back View of Conduction Test



4. Radiated Emission

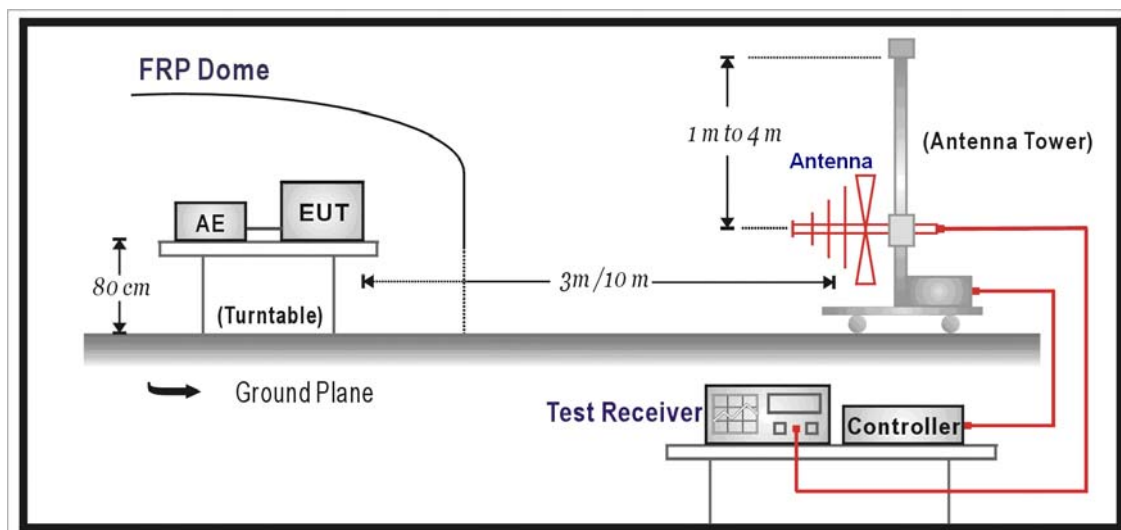
4.1. Test Equipment

Radiated Emission / AC-2

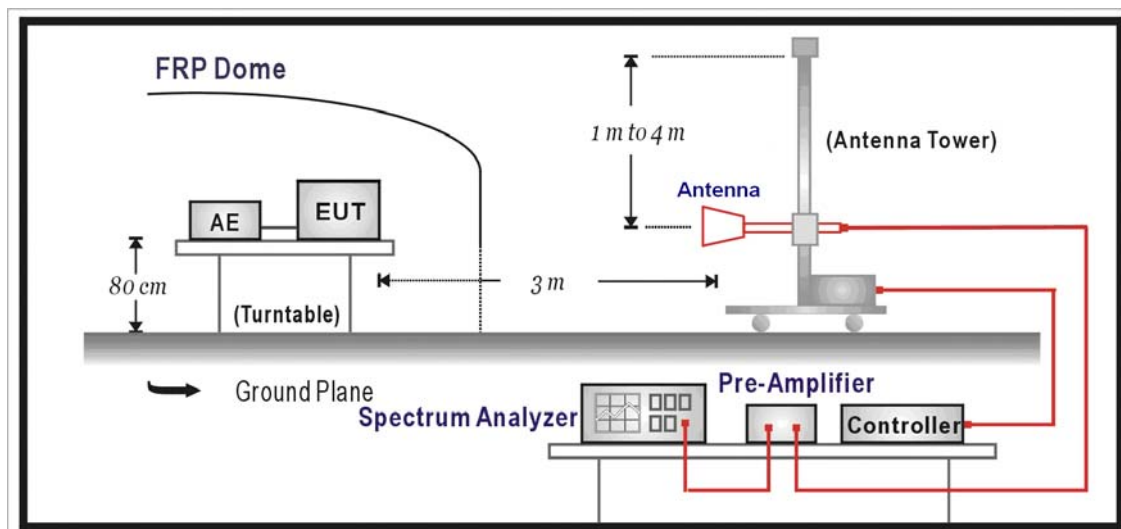
Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Spectrum Analyzer	Agilent	E4408B	MY45102679	2007/11/20
EMI Test Receiver	R&S	ESCI	100573	2007/05/23
Preamplifier	Quietek	AP-025C	QT-AP003	2007/11/25
Preamplifier	Quietek	AP-180C	CHM-0602013	2007/11/25
Bilog Type Antenna	Schaffner	CBL6112B	2932	2007/11/22
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. $\text{RF Voltage (dBuV/m)} = 20 \log \text{RF Voltage (uV/m)}$

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.

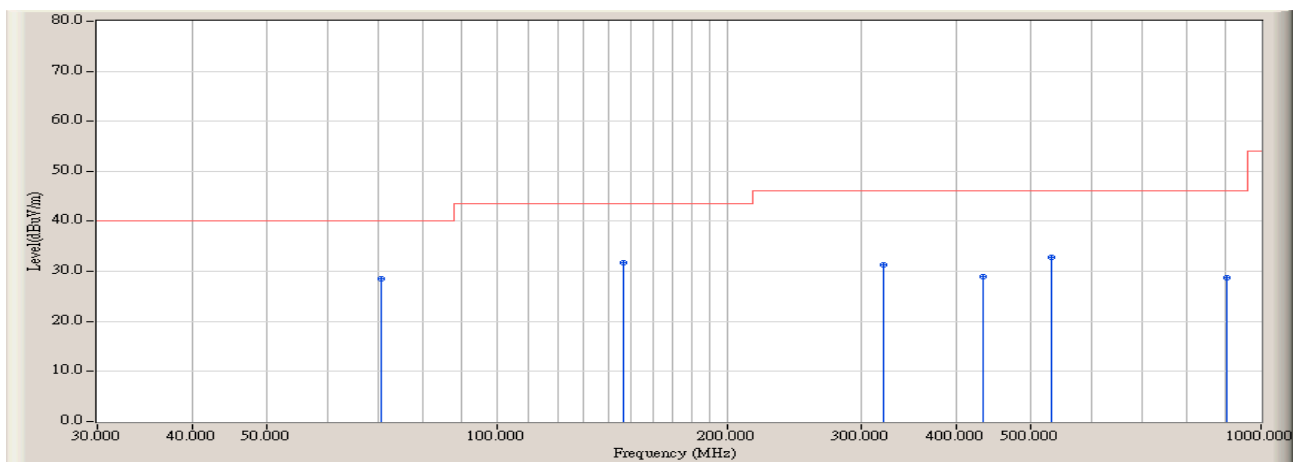
The frequency range from 30MHz to 10th harmonic is checked.

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-3(Spurious Emission)	Time : 2007/07/14 - 13:03
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 1: Transmit by 802.11a (5180MHz)

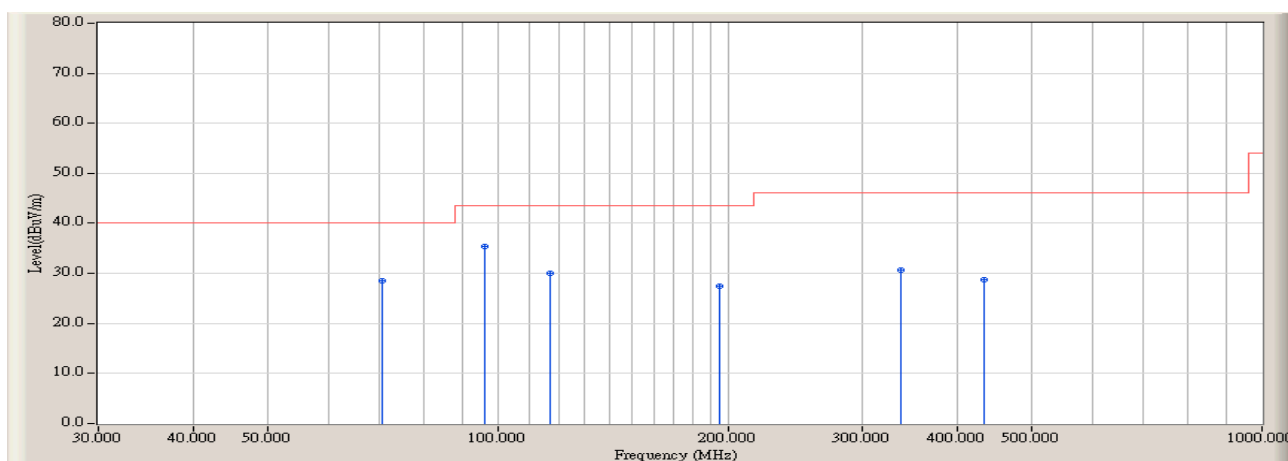


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	70.417	-17.052	45.628	28.576	-11.424	40.000	QUASIPeAK
2		146.400	-11.650	43.382	31.732	-11.788	43.520	QUASIPeAK
3		321.000	-9.287	40.509	31.222	-14.798	46.020	QUASIPeAK
4		432.550	-6.920	35.817	28.897	-17.123	46.020	QUASIPeAK
5		531.167	-5.328	38.124	32.797	-13.223	46.020	QUASIPeAK
6		901.383	0.260	28.574	28.834	-17.186	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-3(Spurious Emission)	Time : 2007/07/14 - 13:03
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 1: Transmit by 802.11a (5180MHz)

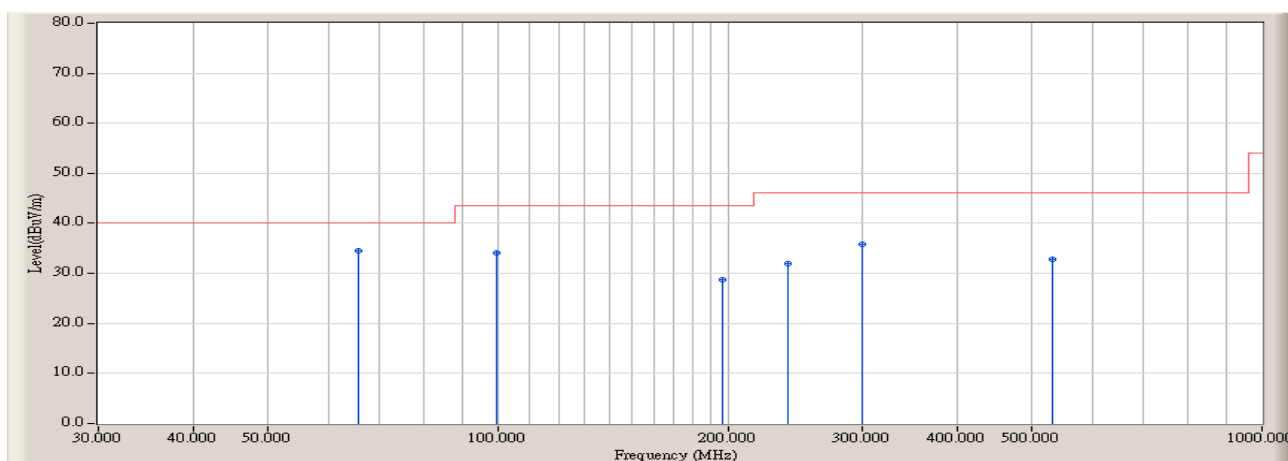


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		70.417	-17.052	45.473	28.421	-11.579	40.000	QUASIPeAK
2	*	96.283	-14.519	49.802	35.283	-8.237	43.520	QUASIPeAK
3		117.300	-12.751	42.868	30.117	-13.403	43.520	QUASIPeAK
4		194.900	-13.546	40.964	27.418	-16.102	43.520	QUASIPeAK
5		337.167	-8.687	39.374	30.687	-15.333	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-3(Spurious Emission)	Time : 2007/07/14 - 13:04
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 (5200MHz)

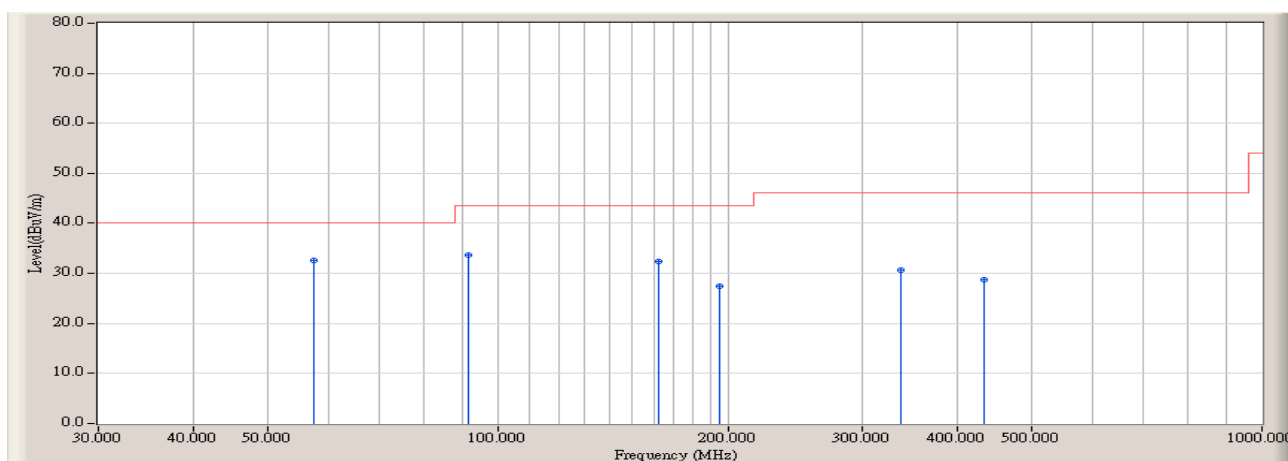


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	65.567	-16.689	51.178	34.488	-5.512	40.000	QUASIPeAK
2		99.517	-14.125	48.138	34.012	-9.508	43.520	QUASIPeAK
3		196.517	-13.483	42.146	28.663	-14.857	43.520	QUASIPeAK
4		240.167	-11.618	43.621	32.002	-14.018	46.020	QUASIPeAK
5		299.983	-10.132	45.949	35.817	-10.203	46.020	QUASIPeAK
6		531.167	-5.328	38.124	32.797	-13.223	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-3(Spurious Emission)	Time : 2007/07/14 - 13:04
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 (5200MHz)

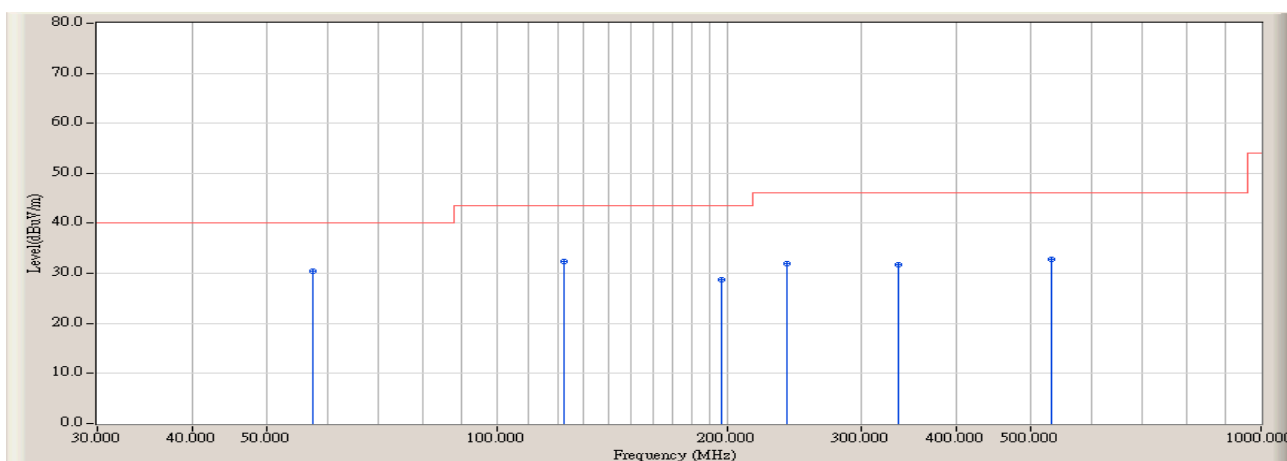


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	57.483	-14.485	46.998	32.514	-7.486	40.000	QUASIPeAK
2		91.433	-15.001	48.774	33.773	-9.747	43.520	QUASIPeAK
3		162.567	-12.487	44.877	32.391	-11.129	43.520	QUASIPeAK
4		194.900	-13.546	40.964	27.418	-16.102	43.520	QUASIPeAK
5		337.167	-8.687	39.374	30.687	-15.333	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-3(Spurious Emission)	Time : 2007/07/14 - 13:05
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 (5240MHz)

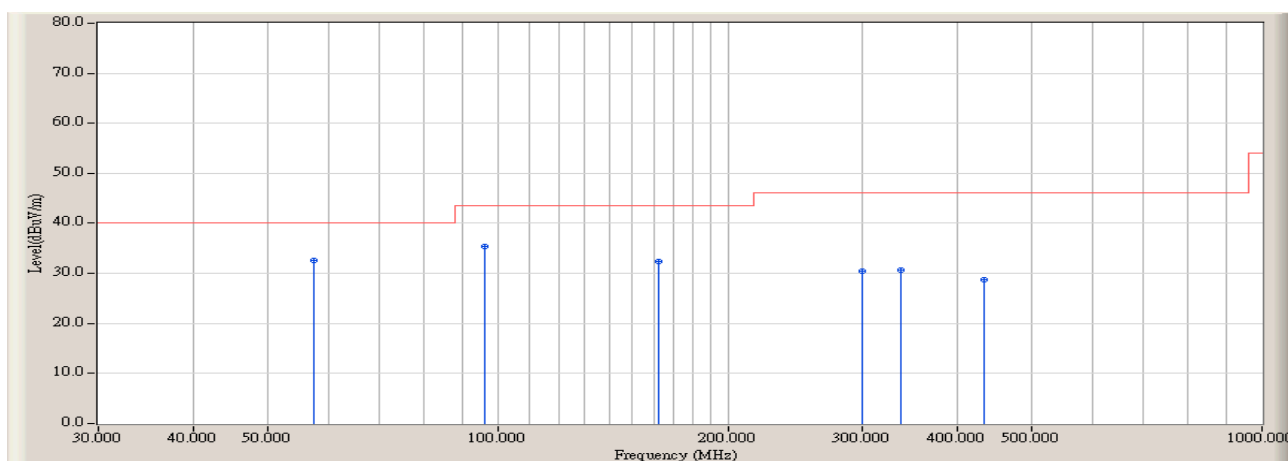


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	57.483	-14.485	44.902	30.418	-9.582	40.000	QUASIPeAK
2		122.150	-12.390	44.681	32.291	-11.229	43.520	QUASIPeAK
3		196.517	-13.483	42.146	28.663	-14.857	43.520	QUASIPeAK
4		240.167	-11.618	43.621	32.002	-14.018	46.020	QUASIPeAK
5		335.550	-8.735	40.386	31.651	-14.369	46.020	QUASIPeAK
6		531.167	-5.328	38.124	32.797	-13.223	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-3(Spurious Emission)	Time : 2007/07/14 - 13:06
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 (5240MHz)

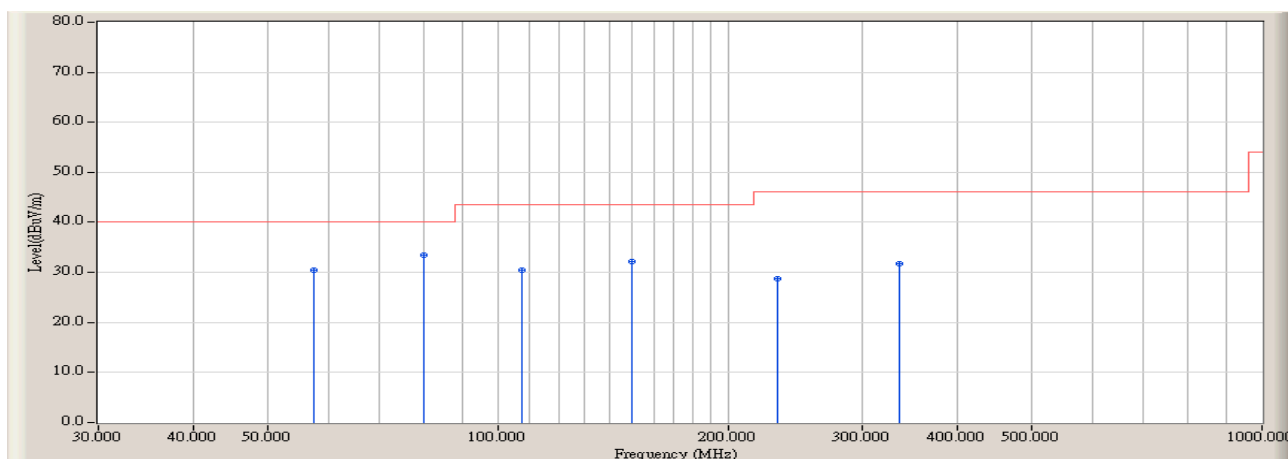


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	57.483	-14.485	46.998	32.514	-7.486	40.000	QUASIPeAK
2		96.283	-14.519	49.802	35.283	-8.237	43.520	QUASIPeAK
3		162.567	-12.487	44.877	32.391	-11.129	43.520	QUASIPeAK
4		299.983	-10.132	40.659	30.527	-15.493	46.020	QUASIPeAK
5		337.167	-8.687	39.374	30.687	-15.333	46.020	QUASIPeAK
6		432.550	-6.920	35.757	28.837	-17.183	46.020	QUASIPeAK

Note:

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

Engineer : Johnwang	
Site : AC-2	Time : 2007/07/14 - 13:09
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 (5260MHz)

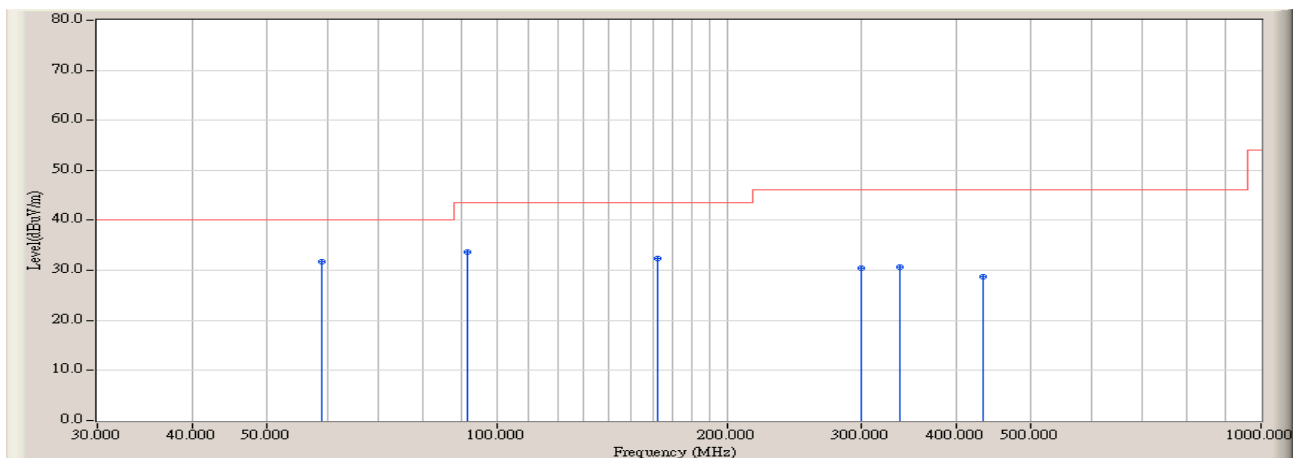


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		57.483	-14.485	44.902	30.418	-9.582	40.000	QUASIPeAK
2	*	80.117	-16.397	49.762	33.365	-6.635	40.000	QUASIPeAK
3		107.600	-13.384	43.793	30.409	-13.111	43.520	QUASIPeAK
4		149.633	-11.820	44.037	32.216	-11.304	43.520	QUASIPeAK
5		232.083	-11.753	40.588	28.835	-17.185	46.020	QUASIPeAK
6		335.550	-8.735	40.386	31.651	-14.369	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 - 13:09
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 (5260MHz)

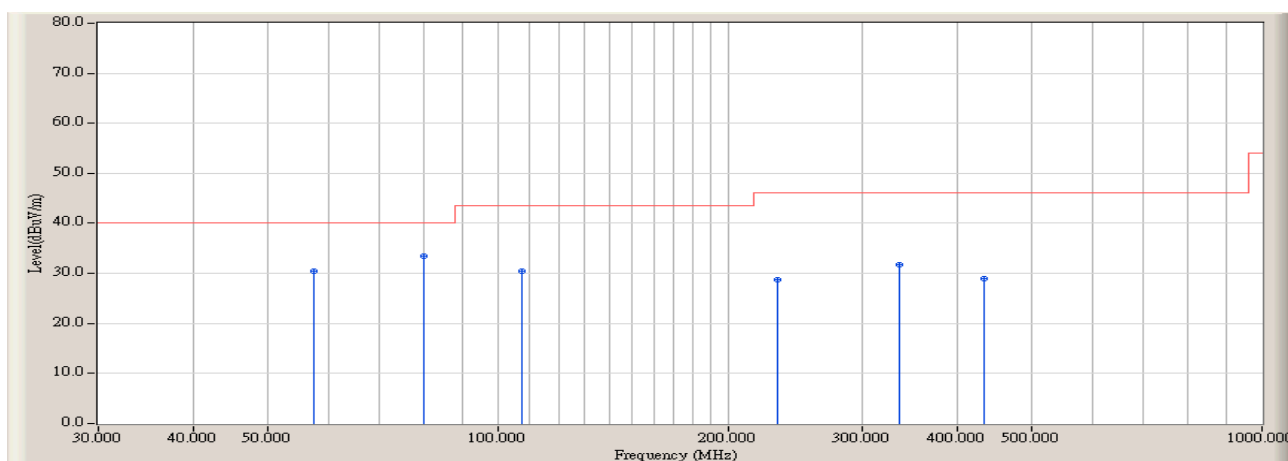


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	59.100	-15.083	46.932	31.849	-8.151	40.000	QUASIPeAK
2		91.433	-15.001	48.774	33.773	-9.747	43.520	QUASIPeAK
3		162.567	-12.487	44.877	32.391	-11.129	43.520	QUASIPeAK
4		299.983	-10.132	40.659	30.527	-15.493	46.020	QUASIPeAK
5		337.167	-8.687	39.374	30.687	-15.333	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 - 13:10
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 (5280MHz)

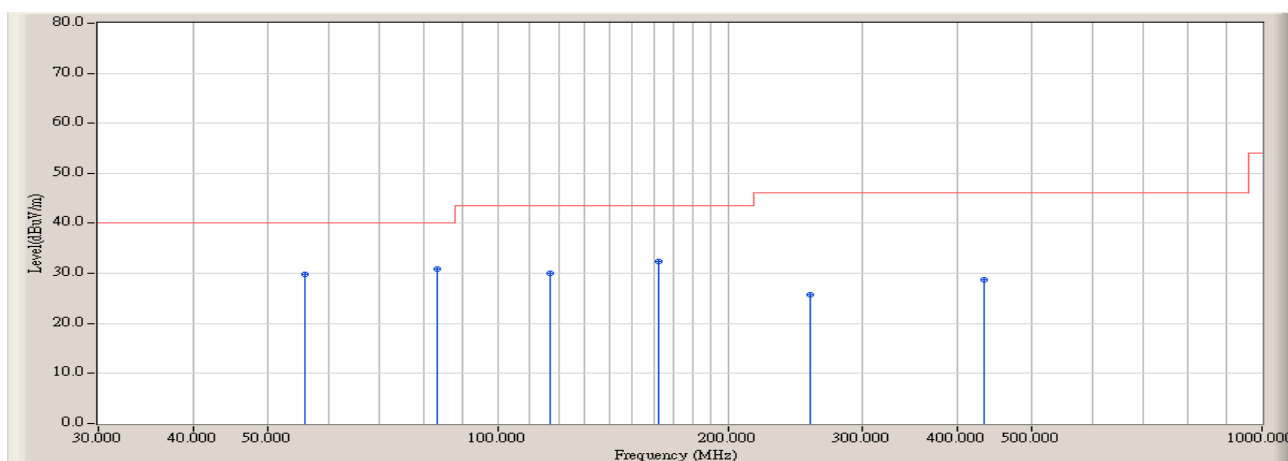


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		57.483	-14.485	44.902	30.418	-9.582	40.000	QUASIPeAK
2	*	80.117	-16.397	49.762	33.365	-6.635	40.000	QUASIPeAK
3		107.600	-13.384	43.793	30.409	-13.111	43.520	QUASIPeAK
4		232.083	-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 - 13:10
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 (5280MHz)

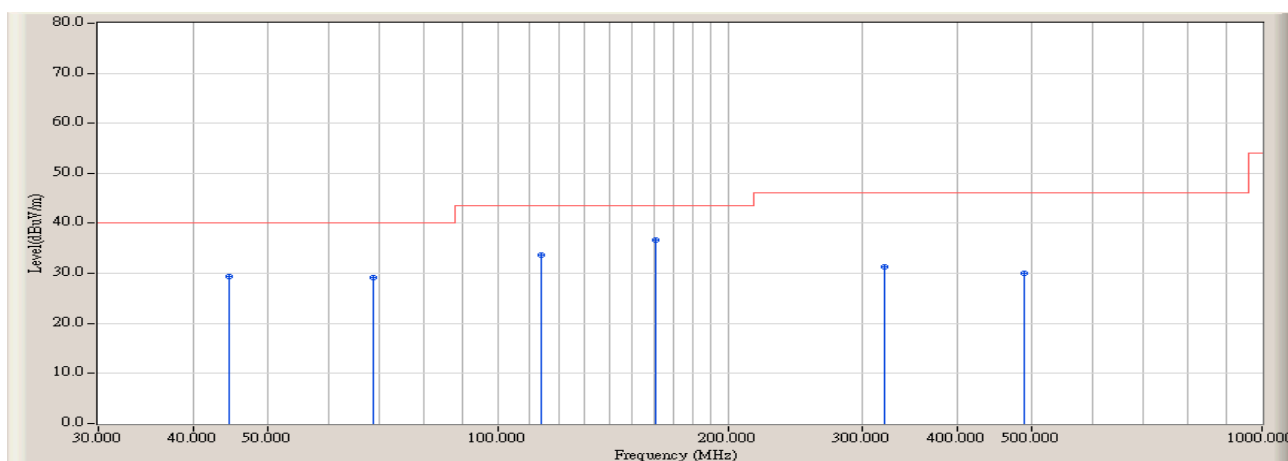


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		55.867	-13.799	43.615	29.816	-10.184	40.000	QUASIPeAK
2	*	83.350	-15.992	46.972	30.980	-9.020	40.000	QUASIPeAK
3		117.300	-12.751	42.868	30.117	-13.403	43.520	QUASIPeAK
4		162.567	-12.487	44.877	32.391	-11.129	43.520	QUASIPeAK
5		256.333	-10.878	36.605	25.727	-20.293	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 - 13:11
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 (5320MHz)

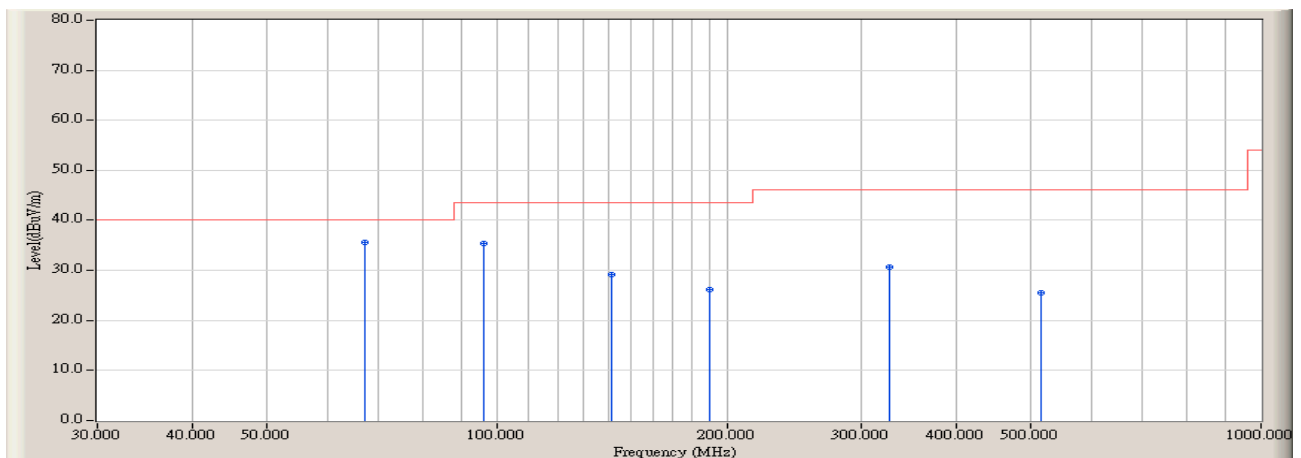


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		44.550	-8.445	37.840	29.395	-10.605	40.000	QUASIPeAK
2		68.800	-16.992	46.063	29.071	-10.929	40.000	QUASIPeAK
3		114.067	-12.890	46.521	33.632	-9.888	43.520	QUASIPeAK
4	*	160.950	-12.345	48.977	36.632	-6.888	43.520	QUASIPeAK
5		321.000	-9.287	40.509	31.222	-14.798	46.020	QUASIPeAK
6		487.517	-5.787	35.903	30.116	-15.904	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 - 13:11
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 (5320MHz)

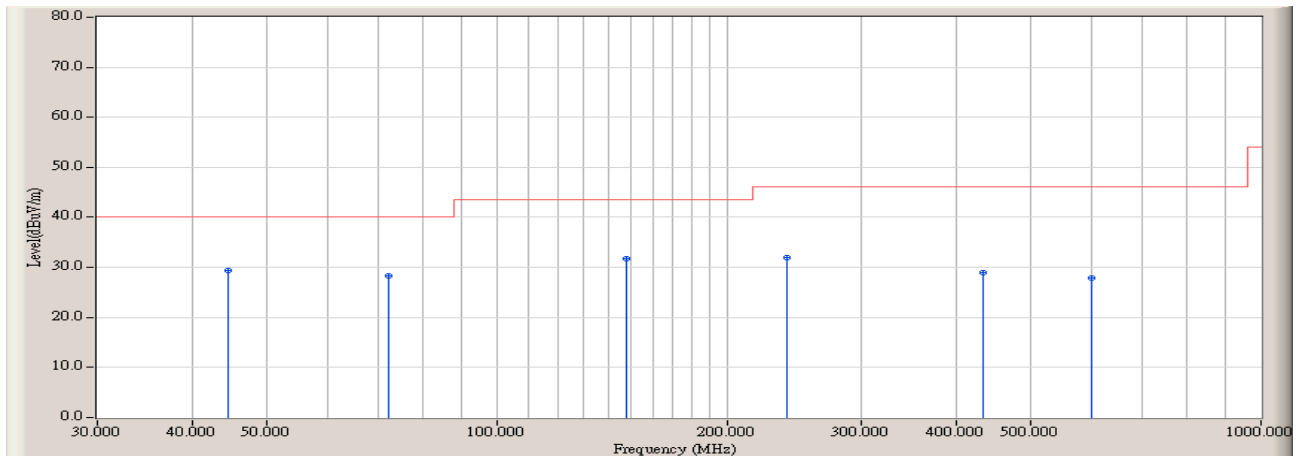


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	67.183	-16.919	52.586	35.667	-4.333	40.000	QUASIPeAK
2		96.283	-14.519	49.802	35.283	-8.237	43.520	QUASIPeAK
3		141.550	-11.733	40.916	29.183	-14.337	43.520	QUASIPeAK
4		190.050	-13.708	39.810	26.102	-17.418	43.520	QUASIPeAK
5		325.850	-9.086	39.789	30.703	-15.317	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 - 14:55
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 2: Transmit by Super 802.11a (5200MHz)

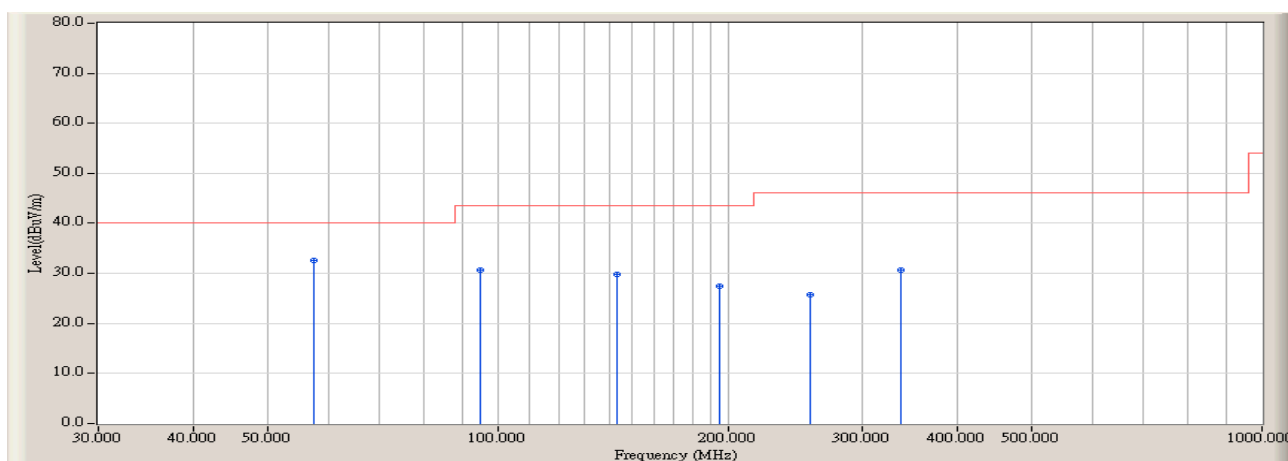


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	44.550	-8.445	37.840	29.395	-10.605	40.000	QUASIPeAK
2		72.033	-17.063	45.439	28.376	-11.624	40.000	QUASIPeAK
3		148.017	-11.732	43.444	31.712	-11.808	43.520	QUASIPeAK
4		240.167	-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 - 14:57
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 2: Transmit by Super 802.11a (5200MHz)

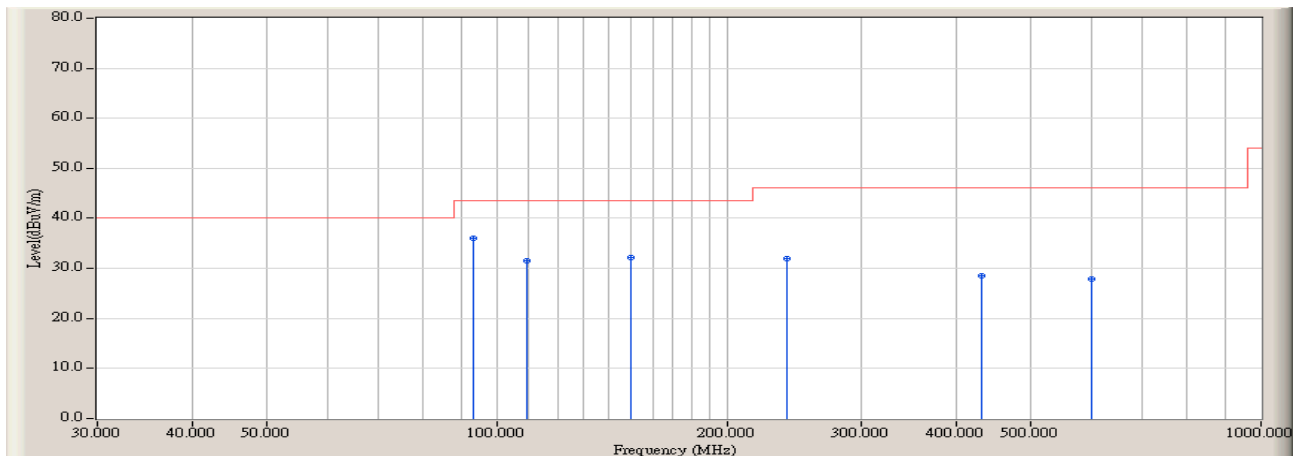


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	57.483	-14.485	46.998	32.514	-7.486	40.000	QUASIPeAK
2		94.667	-14.731	45.413	30.682	-12.838	43.520	QUASIPeAK
3		143.167	-11.662	41.411	29.749	-13.771	43.520	QUASIPeAK
4		194.900	-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 - 14:58
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 2: Transmit by Super 802.11a (5220MHz)

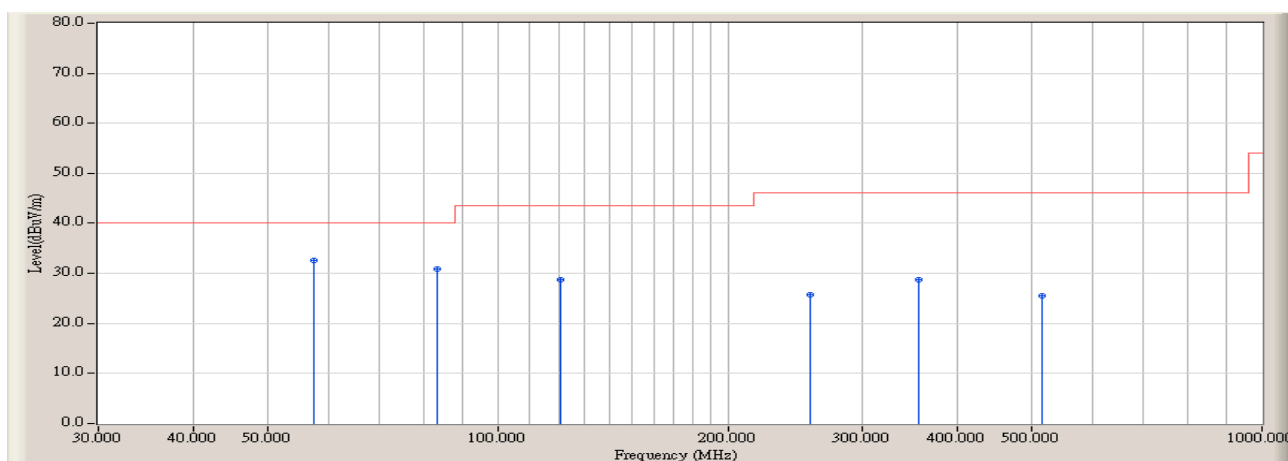


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	93.050	-14.889	50.897	36.008	-7.512	43.520	QUASIPeAK
2		109.217	-13.240	44.710	31.470	-12.050	43.520	QUASIPeAK
3		149.633	-11.820	44.037	32.216	-11.304	43.520	QUASIPeAK
4		240.167	-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 - 14:58
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 2: Transmit by Super 802.11a (5220MHz)

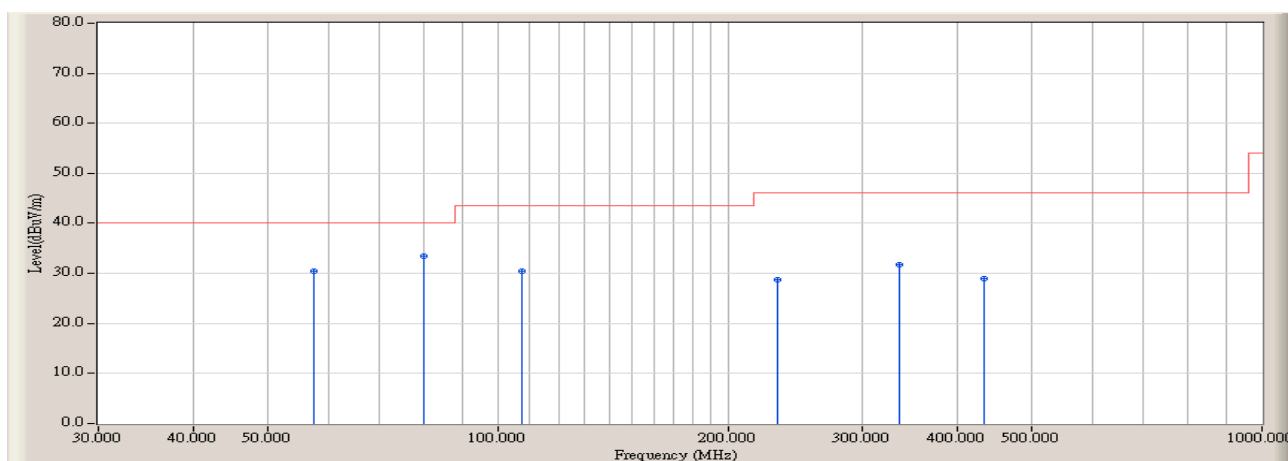


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	57.483	-14.485	46.998	32.514	-7.486	40.000	QUASIPeAK
2		83.350	-15.992	46.972	30.980	-9.020	40.000	QUASIPeAK
3		120.533	-12.561	41.277	28.716	-14.804	43.520	QUASIPeAK
4		256.333	-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 - 15:10
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 Super 802.11a (5280MHz)

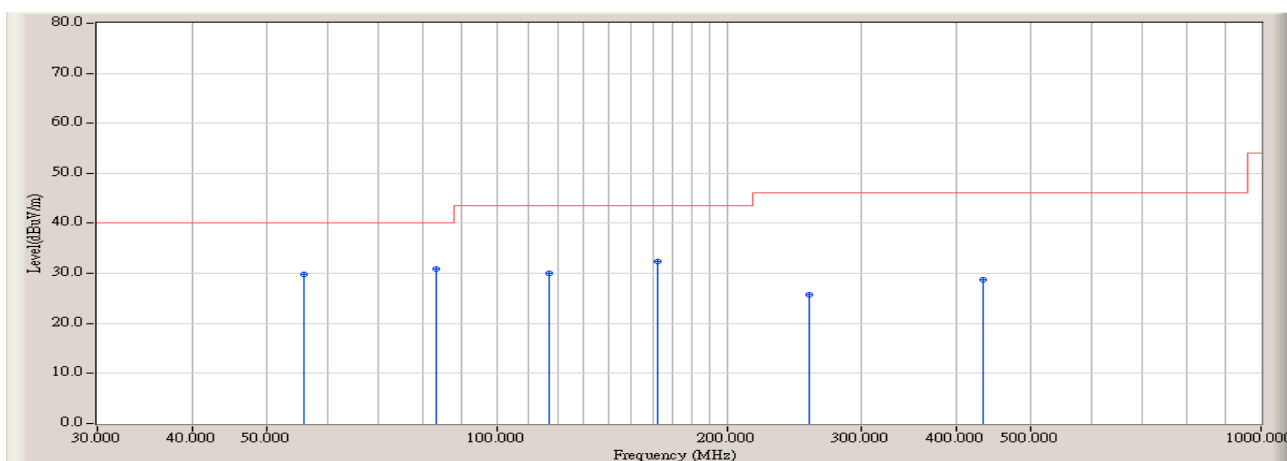


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		57.483	-14.485	44.902	30.418	-9.582	40.000	QUASIPeAK
2	*	80.117	-16.397	49.762	33.365	-6.635	40.000	QUASIPeAK
3		107.600	-13.384	43.793	30.409	-13.111	43.520	QUASIPeAK
4		232.083	-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 - 15:10
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 Super 802.11a (5280MHz)

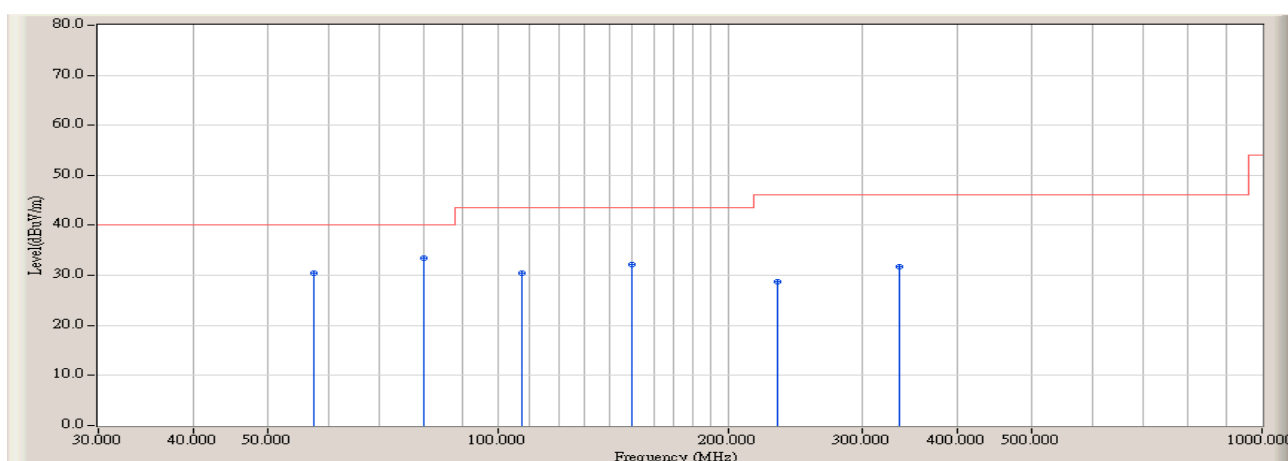


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		55.867	-13.799	43.615	29.816	-10.184	40.000	QUASIPeAK
2	*	83.350	-15.992	46.972	30.980	-9.020	40.000	QUASIPeAK
3		117.300	-12.751	42.868	30.117	-13.403	43.520	QUASIPeAK
4		162.567	-12.487	44.877	32.391	-11.129	43.520	QUASIPeAK
5		256.333	-10.878	36.605	25.727	-20.293	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 : Marlin	
Site : AC-2	Time : 2008/01/23 - 13:09
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 Super 802.11a (5300MHz)

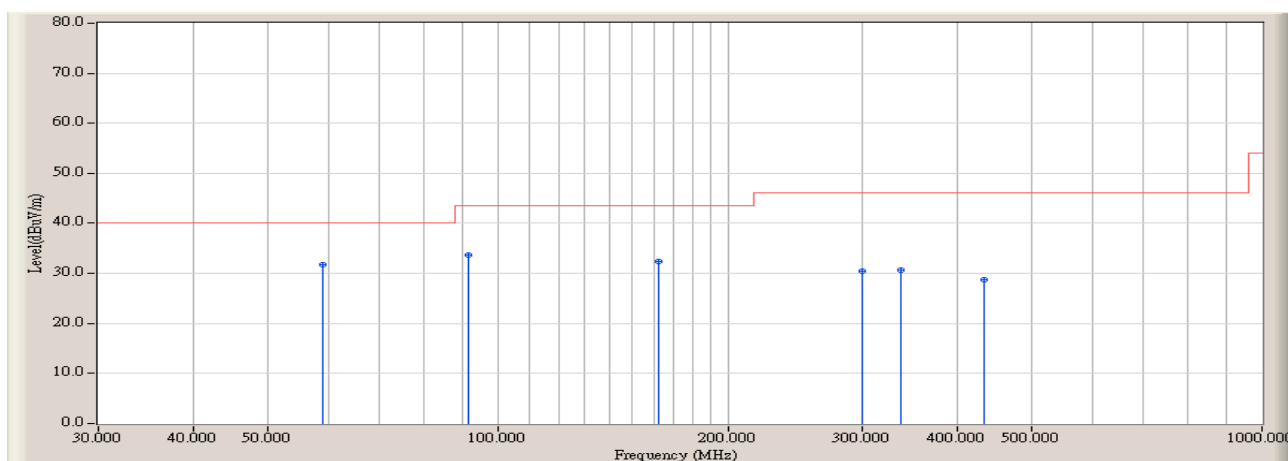


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		57.483	-14.485	44.902	30.418	-9.582	40.000	QUASIPeAK
2	*	80.117	-16.397	49.762	33.365	-6.635	40.000	QUASIPeAK
3		107.600	-13.384	43.793	30.409	-13.111	43.520	QUASIPeAK
4		149.633	-11.820	44.037	32.216	-11.304	43.520	QUASIPeAK
5		232.083	-11.753	40.588	28.835	-17.185	46.020	QUASIPeAK
6		335.550	-8.735	40.386	31.651	-14.369	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 : Marlin	
Site : AC-2	Time : 2008/01/23 - 13:09
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 Super 802.11a (5300MHz)

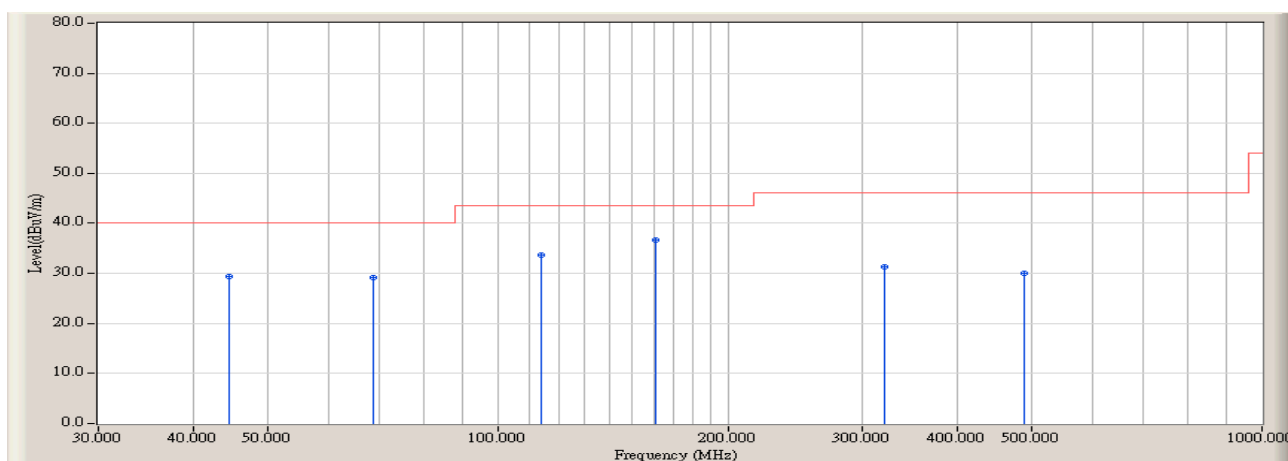


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	59.100	-15.083	46.932	31.849	-8.151	40.000	QUASIPeAK
2		91.433	-15.001	48.774	33.773	-9.747	43.520	QUASIPeAK
3		162.567	-12.487	44.877	32.391	-11.129	43.520	QUASIPeAK
4		299.983	-10.132	40.659	30.527	-15.493	46.020	QUASIPeAK
5		337.167	-8.687	39.374	30.687	-15.333	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 - 15:11
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 Super 802.11a (5320MHz)

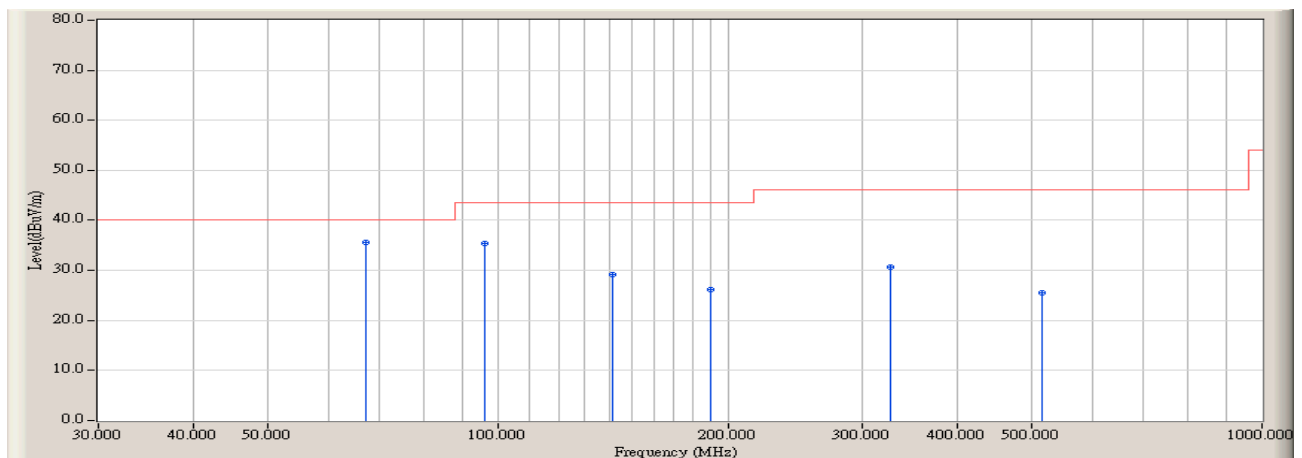


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		44.550	-8.445	37.840	29.395	-10.605	40.000	QUASIPeAK
2		68.800	-16.992	46.063	29.071	-10.929	40.000	QUASIPeAK
3		114.067	-12.890	46.521	33.632	-9.888	43.520	QUASIPeAK
4	*	160.950	-12.345	48.977	36.632	-6.888	43.520	QUASIPeAK
5		321.000	-9.287	40.509	31.222	-14.798	46.020	QUASIPeAK
6		487.517	-5.787	35.903	30.116	-15.904	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 - 15:11
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 Super 802.11a (5320MHz)

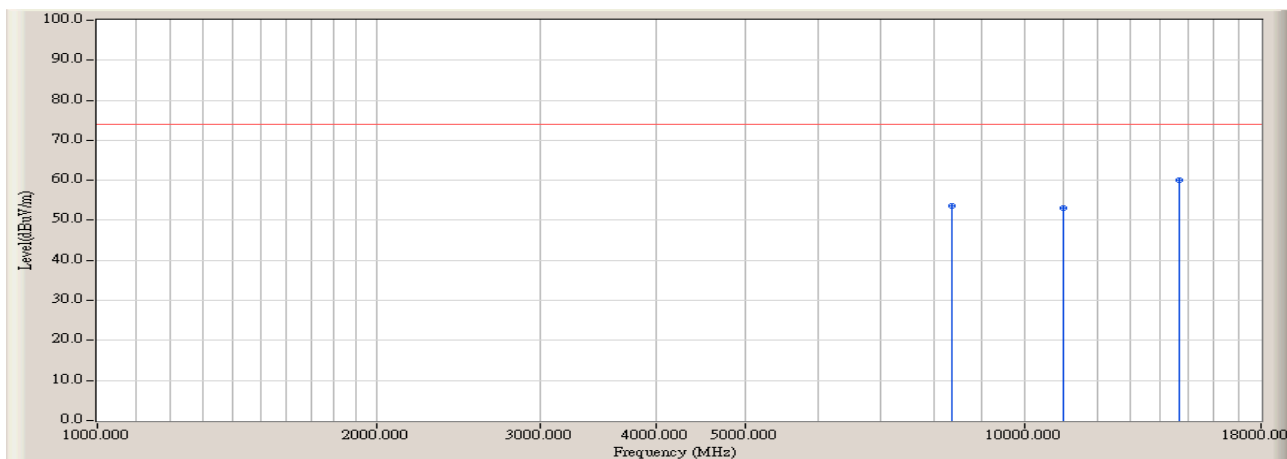


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	67.183	-16.919	52.586	35.667	-4.333	40.000	QUASIPeAK
2		96.283	-14.519	49.802	35.283	-8.237	43.520	QUASIPeAK
3		141.550	-11.733	40.916	29.183	-14.337	43.520	QUASIPeAK
4		190.050	-13.708	39.810	26.102	-17.418	43.520	QUASIPeAK
5		325.850	-9.086	39.789	30.703	-15.317	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 : 2007/07/12 - 13:19
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 (5180MHz)

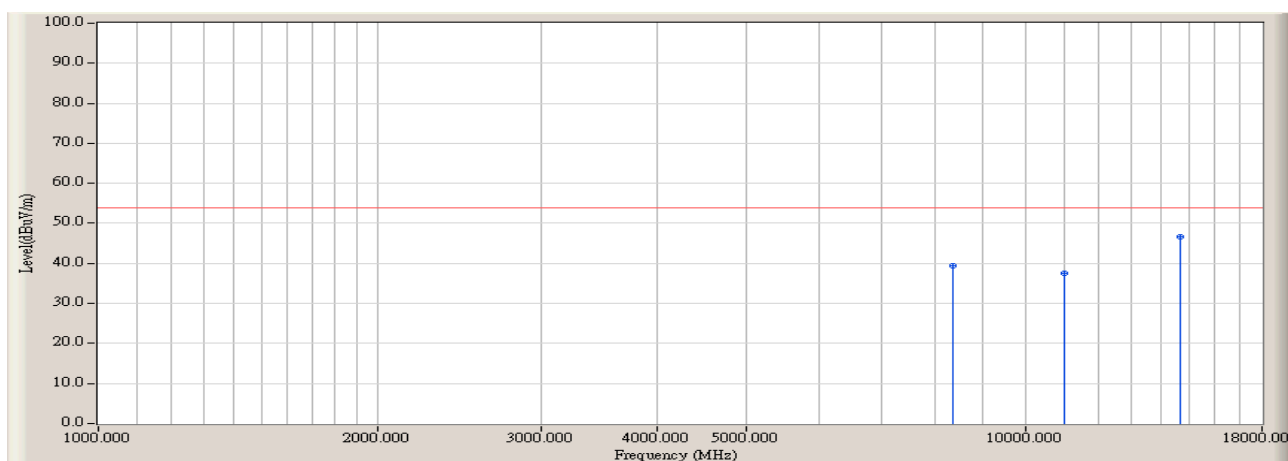


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8366.667	14.167	39.484	53.651	-20.349	74.000	PEAK
2		11001.667	20.244	32.964	53.207	-20.793	74.000	PEAK
3	*	14713.333	25.920	34.137	60.057	-13.943	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 13:19
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 (5180MHz)

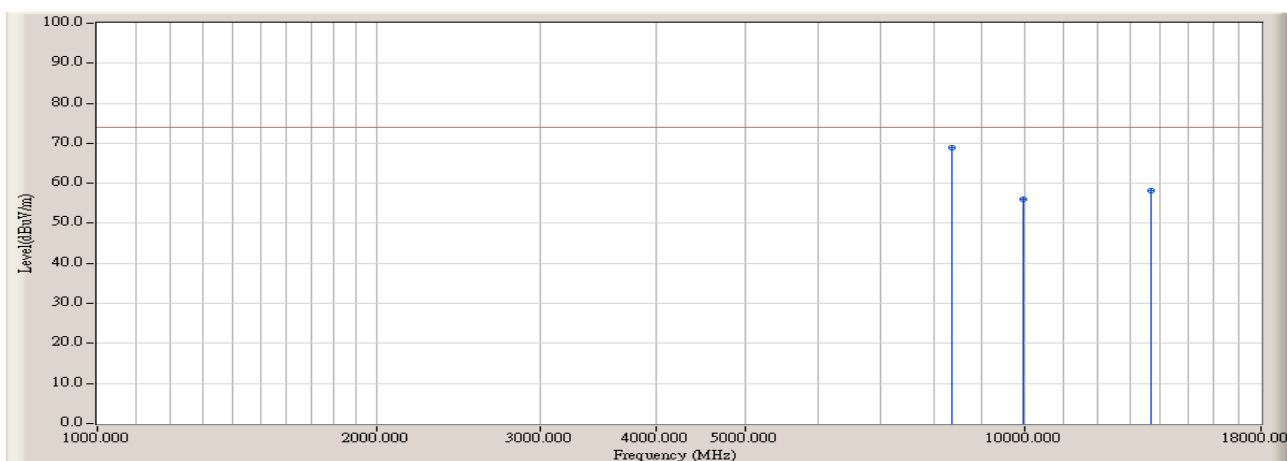


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8366.667	14.167	25.140	39.307	-14.693	54.000	AVERAGE
2		11001.667	20.244	17.265	37.508	-16.492	54.000	AVERAGE
3	*	14713.333	25.920	20.846	46.766	-7.234	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 13:25
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 (5180MHz)

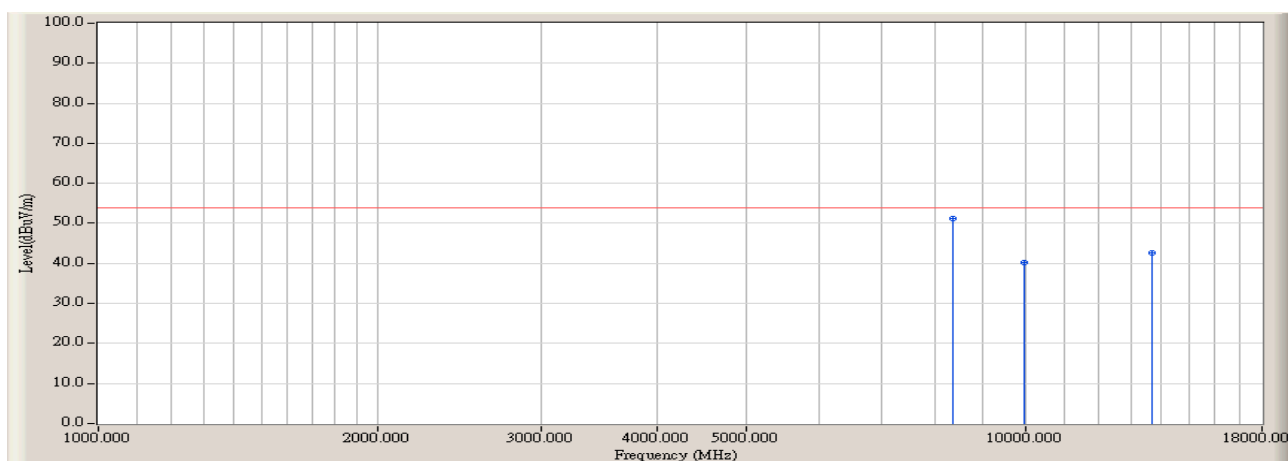


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8366.667	14.167	54.675	68.842	-5.158	74.000	PEAK
2		9953.333	18.049	37.898	55.948	-18.052	74.000	PEAK
3		13721.667	23.703	34.465	58.168	-15.832	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 13:25
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 (5180MHz)

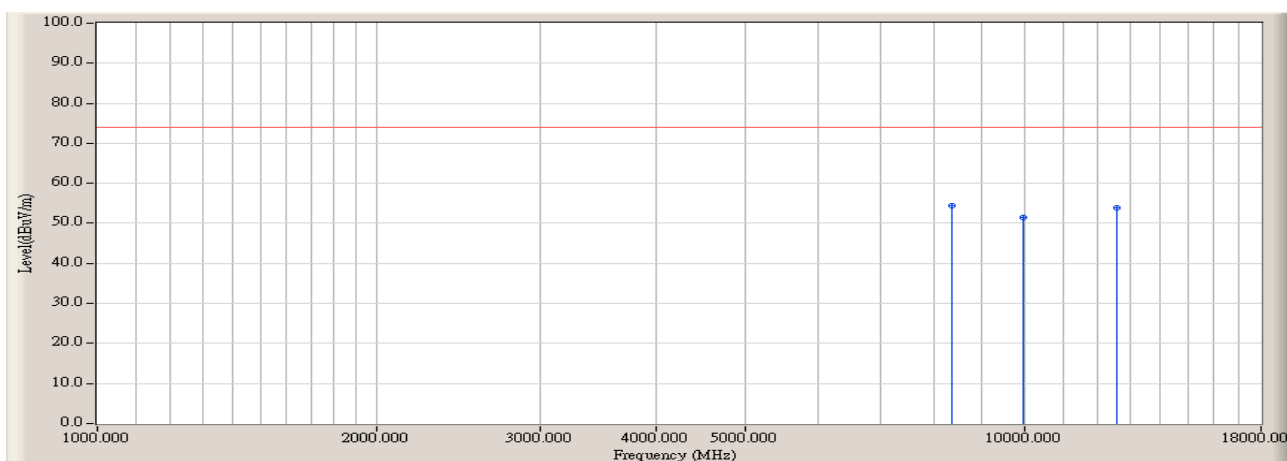


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8366.667	14.167	37.071	51.238	-2.762	54.000	AVERAGE
2		9953.333	18.049	22.218	40.268	-13.732	54.000	AVERAGE
3		13721.667	23.703	18.808	42.511	-11.489	54.000	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	Time : 2007/07/12 - 13:29
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 (5200MHz)

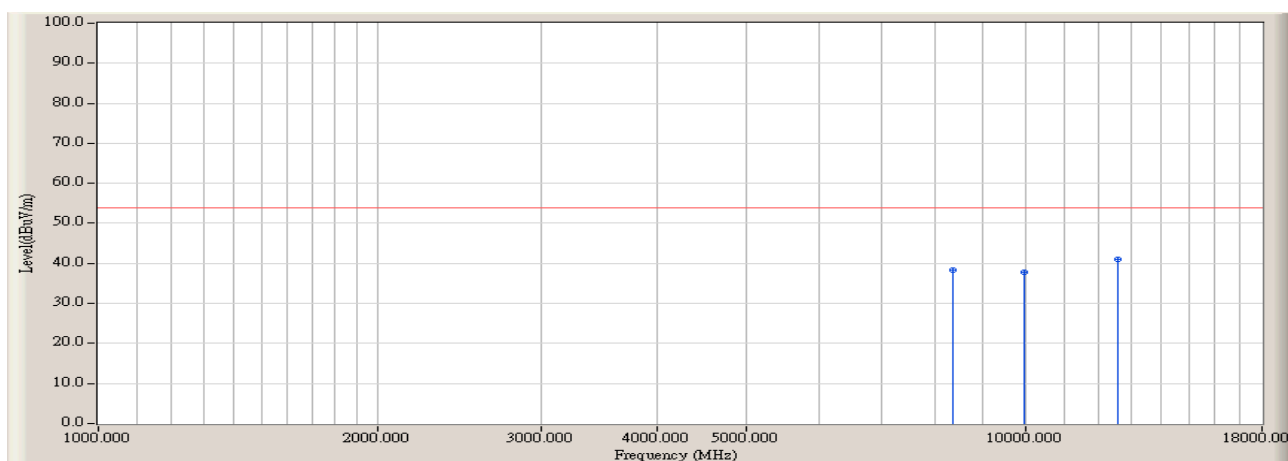


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8366.667	14.167	40.229	54.396	-19.604	74.000	PEAK
2		9953.333	18.049	33.497	51.547	-22.453	74.000	PEAK
3		12588.333	20.176	33.838	54.015	-19.985	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 13:29
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 (5200MHz)

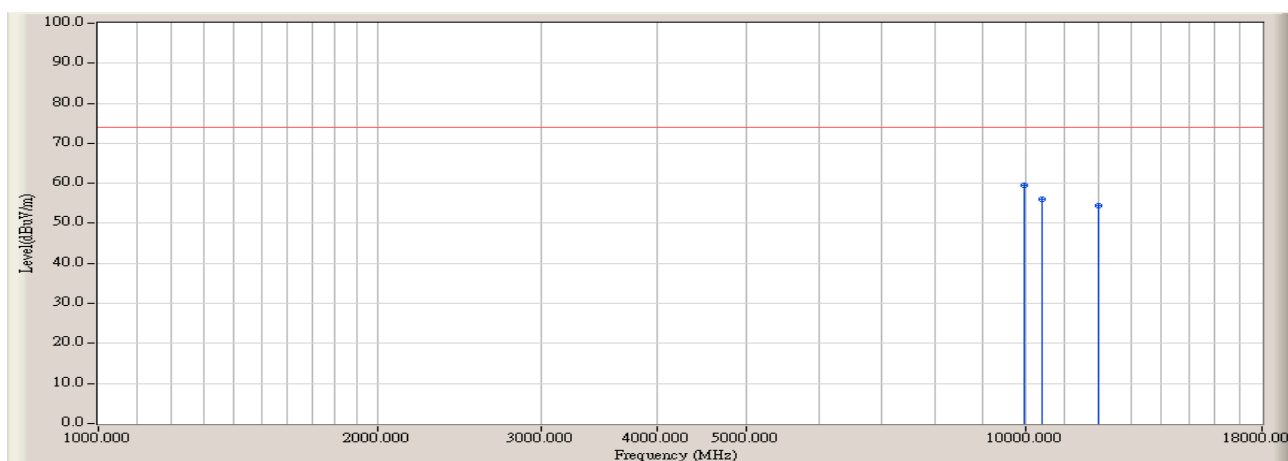


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8366.667	14.167	24.062	38.229	-15.771	54.000	AVERAGE
2		9953.333	18.049	19.795	37.845	-16.155	54.000	AVERAGE
3	*	12588.333	20.176	20.855	41.032	-12.968	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 13:33
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 (5200MHz)

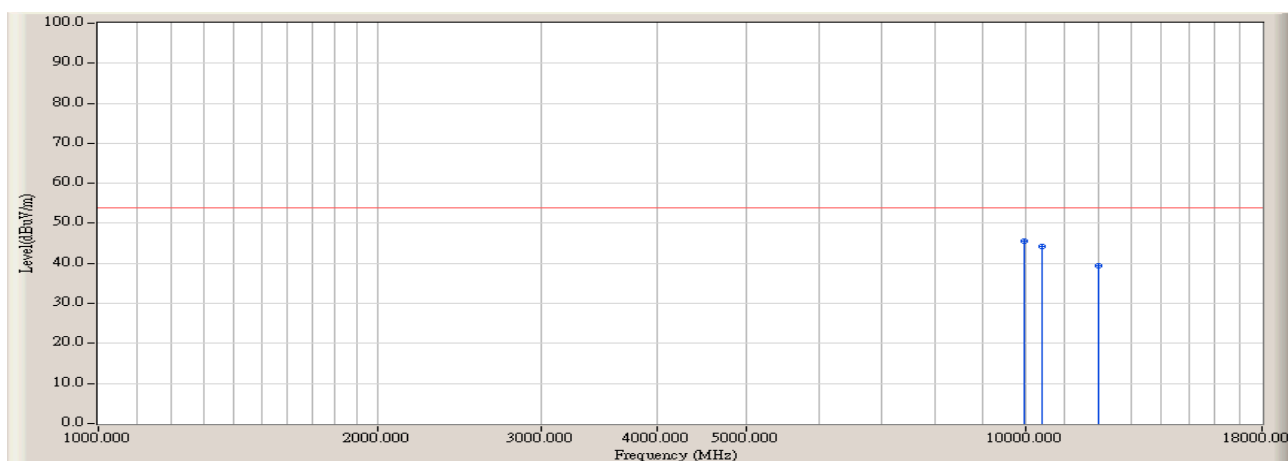


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	9953.333	18.049	41.556	59.606	-14.394	74.000	PEAK
2		10406.667	18.850	37.162	56.012	-17.988	74.000	PEAK
3		11993.333	18.851	35.595	54.445	-19.555	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 13:33
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 (5200MHz)

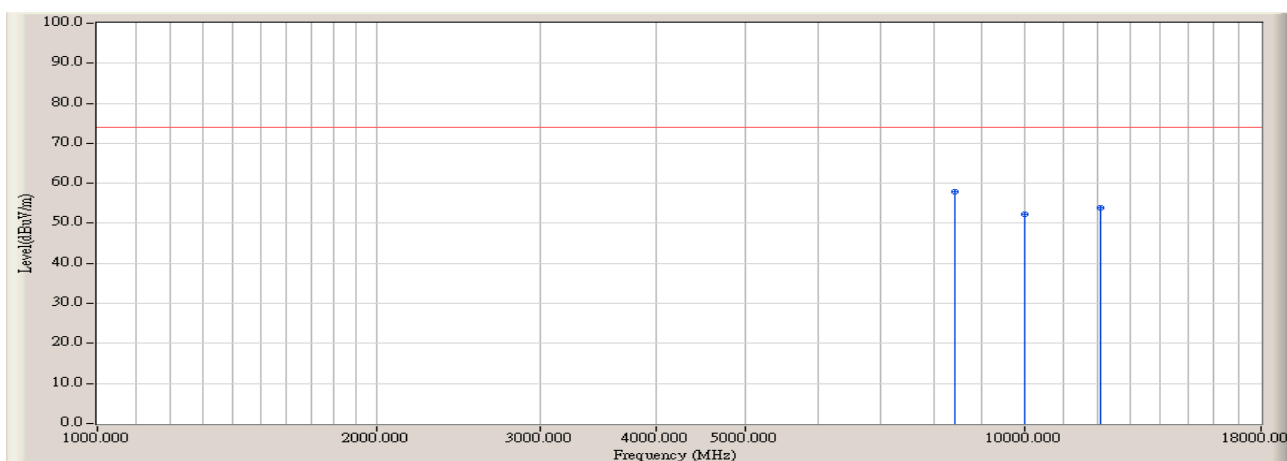


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	9953.333	18.049	27.650	45.700	-8.300	54.000	AVERAGE
2		10406.667	18.850	25.460	44.310	-9.690	54.000	AVERAGE
3		11993.333	18.851	20.490	39.340	-14.660	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 13:39
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 (5240MHz)

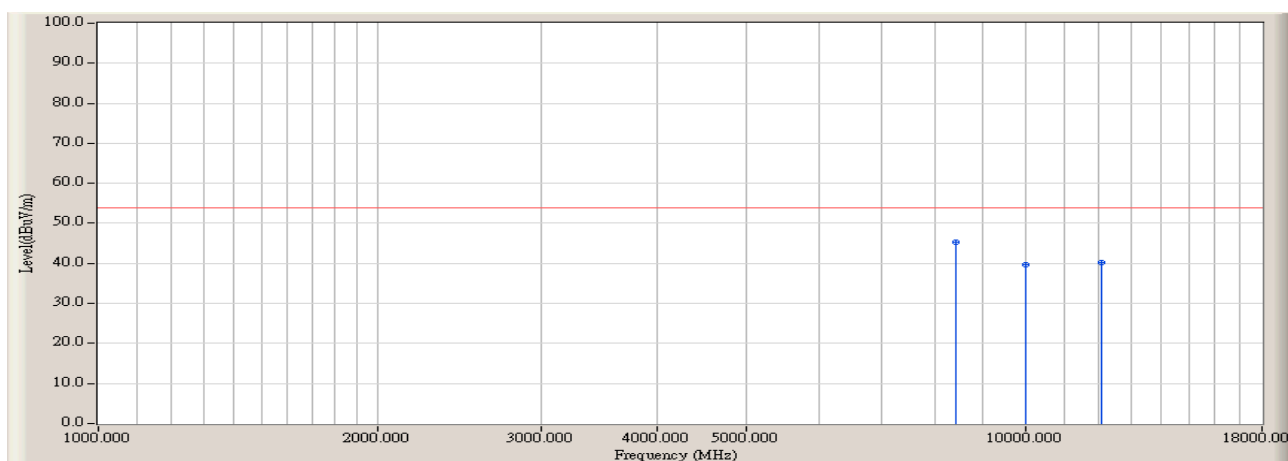


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8423.333	14.297	43.573	57.870	-16.130	74.000	PEAK
2		10010.000	18.180	34.069	52.249	-21.751	74.000	PEAK
3		12078.333	19.017	34.923	53.940	-20.060	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 13:39
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 (5240MHz)

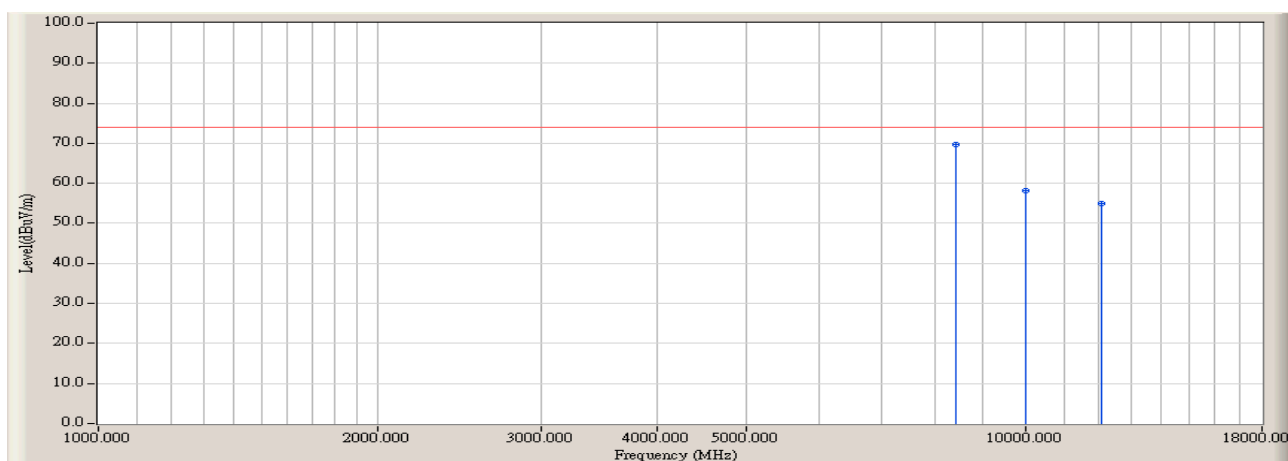


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8423.333	14.297	30.913	45.210	-8.790	54.000	AVERAGE
2		10010.000	18.180	21.570	39.750	-14.250	54.000	AVERAGE
3		12078.333	19.017	21.151	40.168	-13.832	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 13:42
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 (5240MHz)

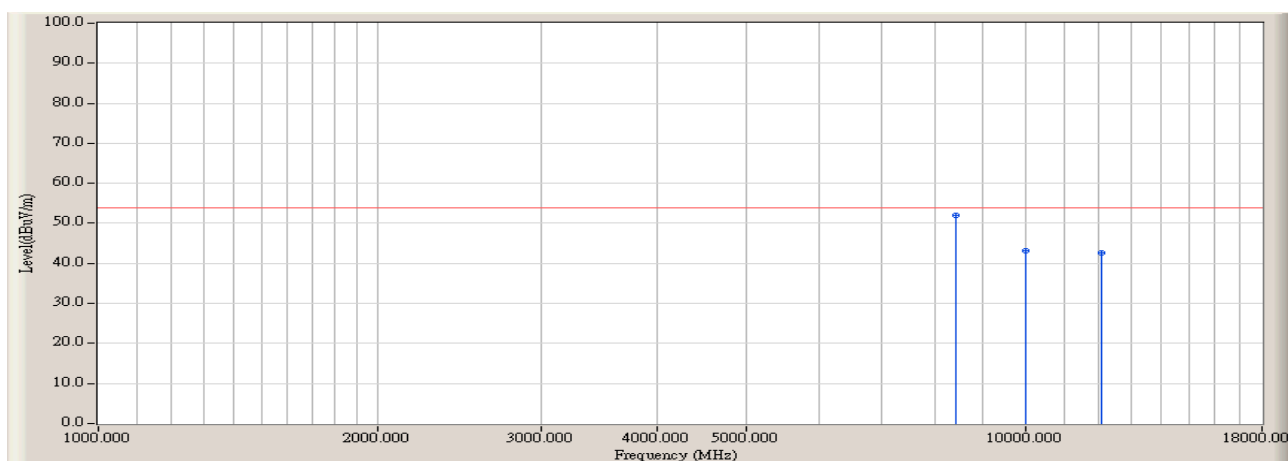


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8423.333	14.297	55.475	69.772	-4.228	74.000	PEAK
2		10010.000	18.180	39.998	58.178	-15.822	74.000	PEAK
3		12078.333	19.017	36.034	55.051	-18.949	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 13:42
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 (5240MHz)

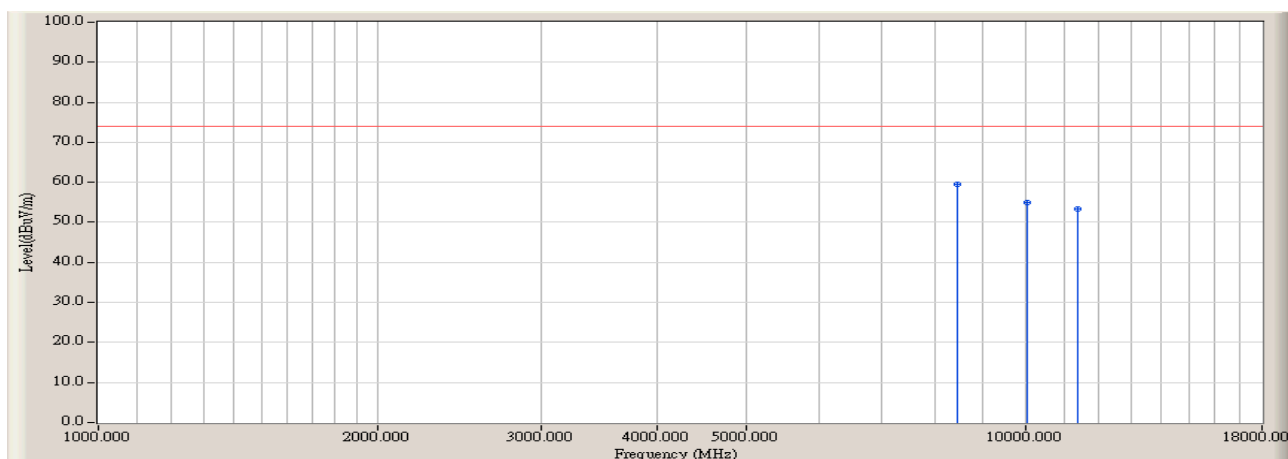


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8423.333	14.297	37.783	52.080	-1.920	54.000	AVERAGE
2		10010.000	18.180	25.080	43.260	-10.740	54.000	AVERAGE
3		12078.333	19.017	23.604	42.621	-11.379	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 14:08
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 (5260MHz)

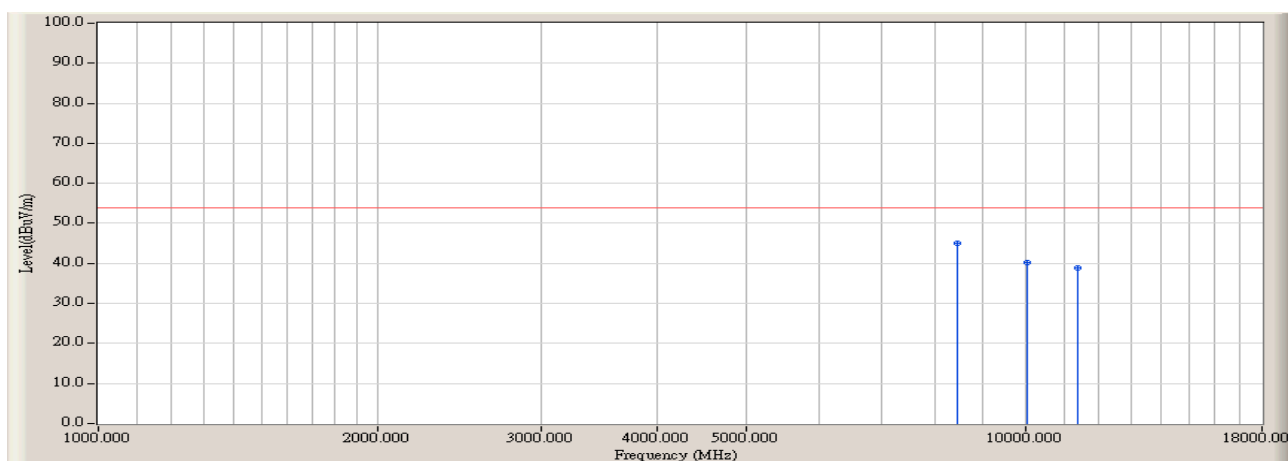


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8451.667	14.410	45.143	59.553	-14.447	74.000	PEAK
2		10038.333	18.223	36.665	54.888	-19.112	74.000	PEAK
3		11398.333	19.676	33.551	53.228	-20.772	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 14:08
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 (5260MHz)

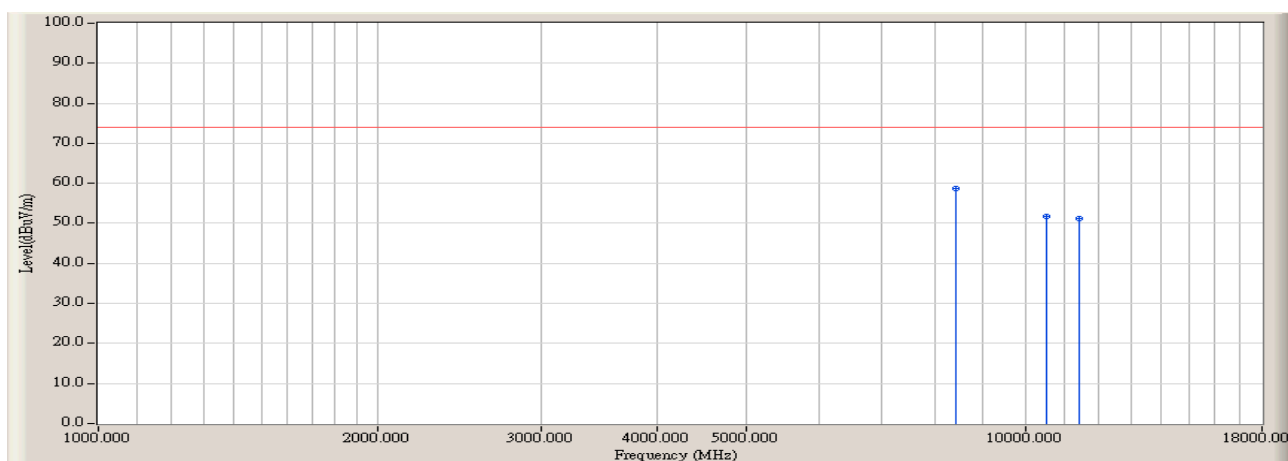


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8451.667	14.410	30.750	45.160	-8.840	54.000	AVERAGE
2		10038.333	18.223	21.940	40.163	-13.837	54.000	AVERAGE
3		11398.333	19.676	19.093	38.770	-15.230	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 14:15
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 (5260MHz)

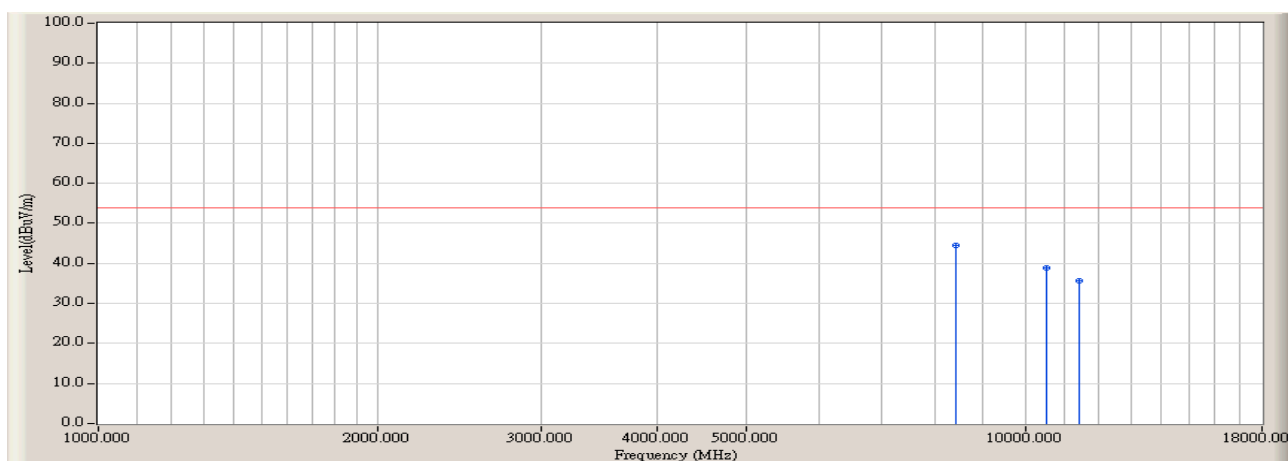


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8423.333	14.297	44.543	58.840	-15.160	74.000	PEAK
2		10520.000	19.050	32.716	51.766	-22.234	74.000	PEAK
3		11426.667	19.634	31.590	51.223	-22.777	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 14:15
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 (5260MHz)

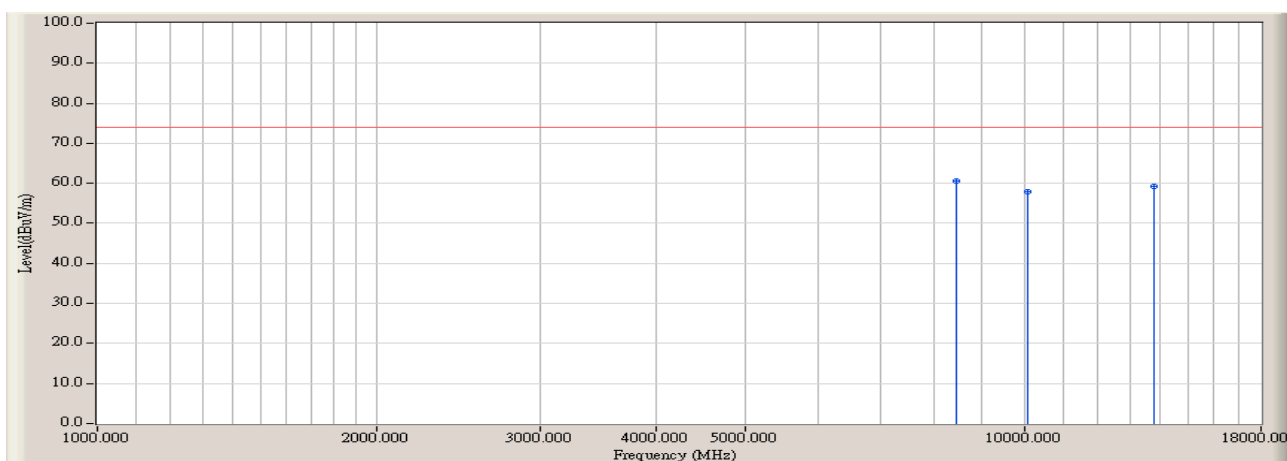


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8423.333	14.297	30.328	44.625	-9.375	54.000	AVERAGE
2		10520.000	19.050	19.740	38.790	-15.210	54.000	AVERAGE
3		11426.667	19.634	16.014	35.647	-18.353	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 14:21
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 (5280MHz)

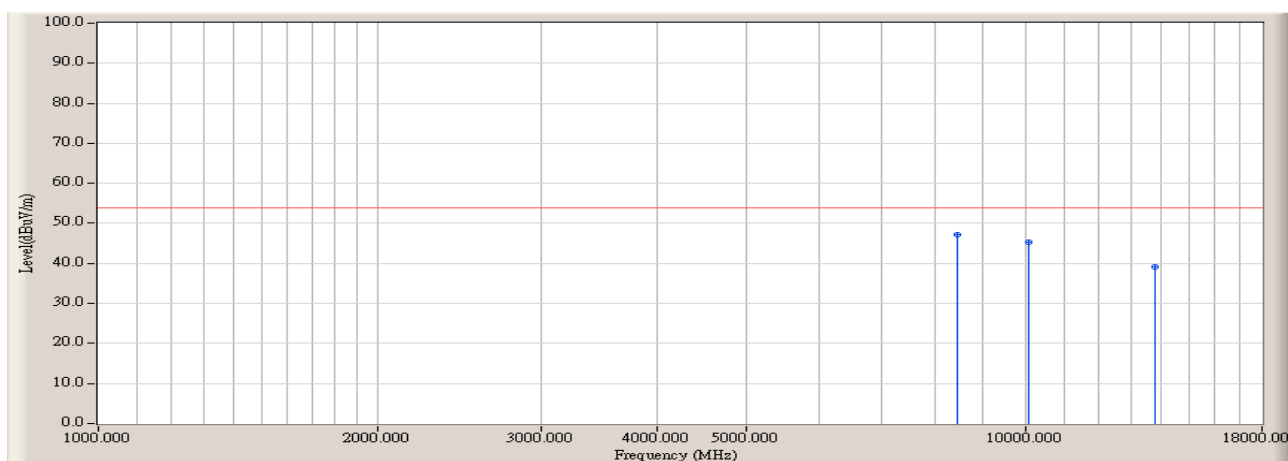


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8451.667	14.410	46.118	60.528	-13.472	74.000	PEAK
2		10066.667	18.270	39.690	57.960	-16.040	74.000	PEAK
3		13806.667	24.054	35.223	59.276	-14.724	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 14:21
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 (5280MHz)

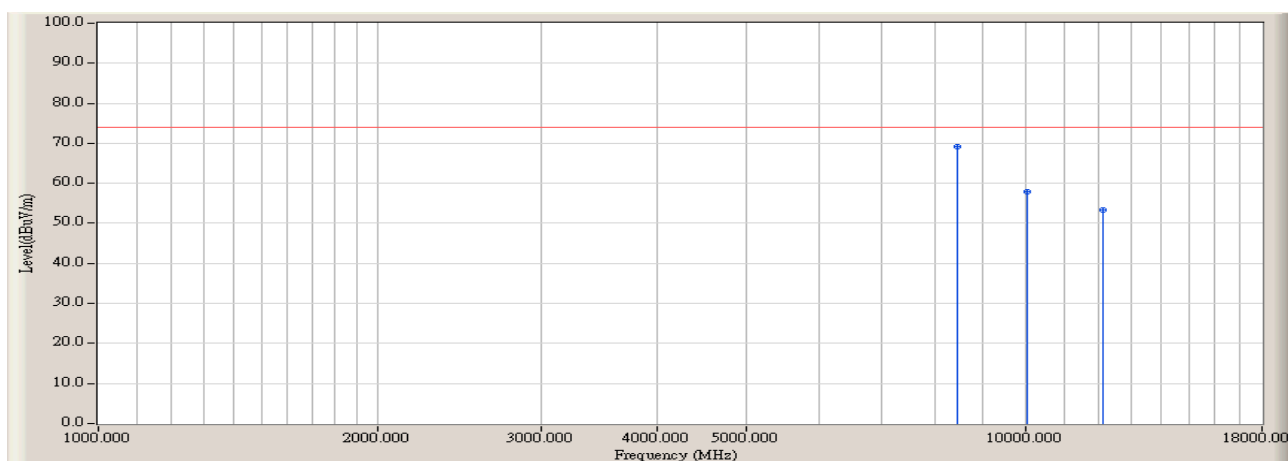


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8451.677	14.410	32.846	47.256	-6.744	54.000	AVERAGE
2		10066.667	18.270	27.000	45.270	-8.730	54.000	AVERAGE
3		13806.667	24.054	15.194	39.247	-14.753	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 14:25
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 (5280MHz)

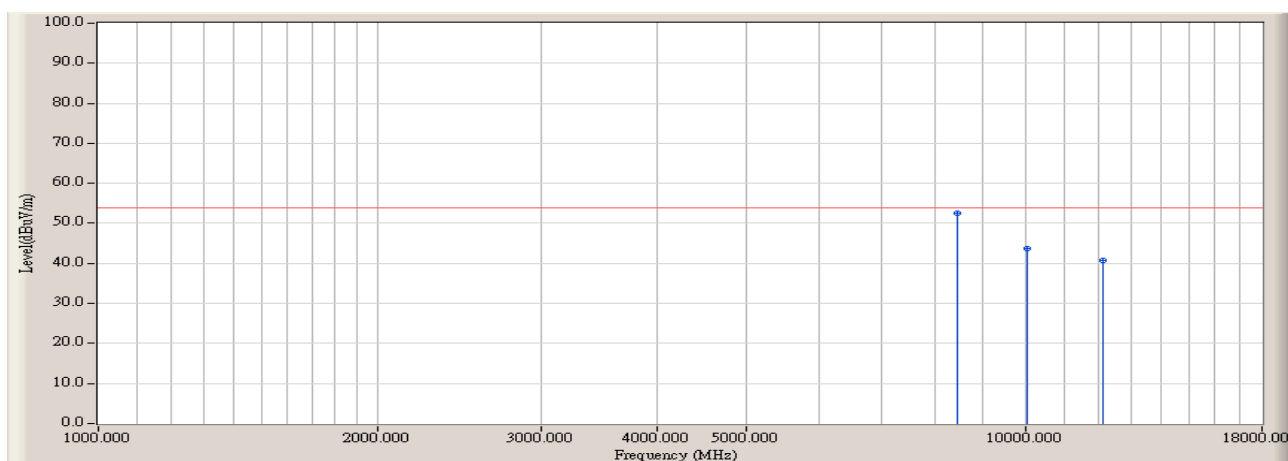


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8451.667	14.410	54.813	69.223	-4.777	74.000	PEAK
2		10038.333	18.223	39.615	57.838	-16.162	74.000	PEAK
3		12135.000	19.150	34.068	53.218	-20.782	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 14:25
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 (5280MHz)

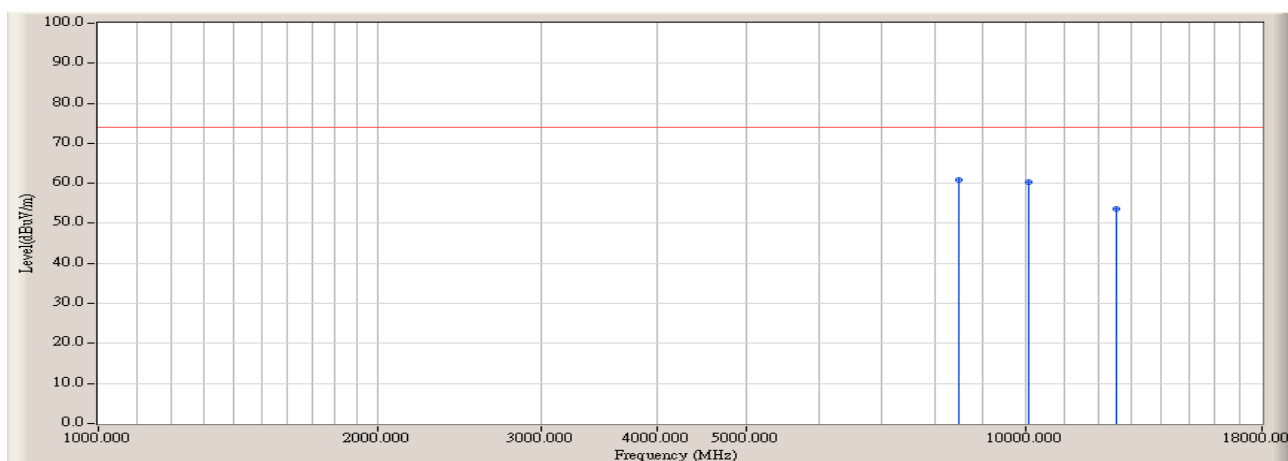


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8451.667	14.410	38.270	52.680	-1.320	54.000	AVERAGE
2		10038.333	18.223	25.427	43.650	-10.350	54.000	AVERAGE
3		12135.000	19.150	21.539	40.689	-13.311	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 14:31
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 (5320MHz)

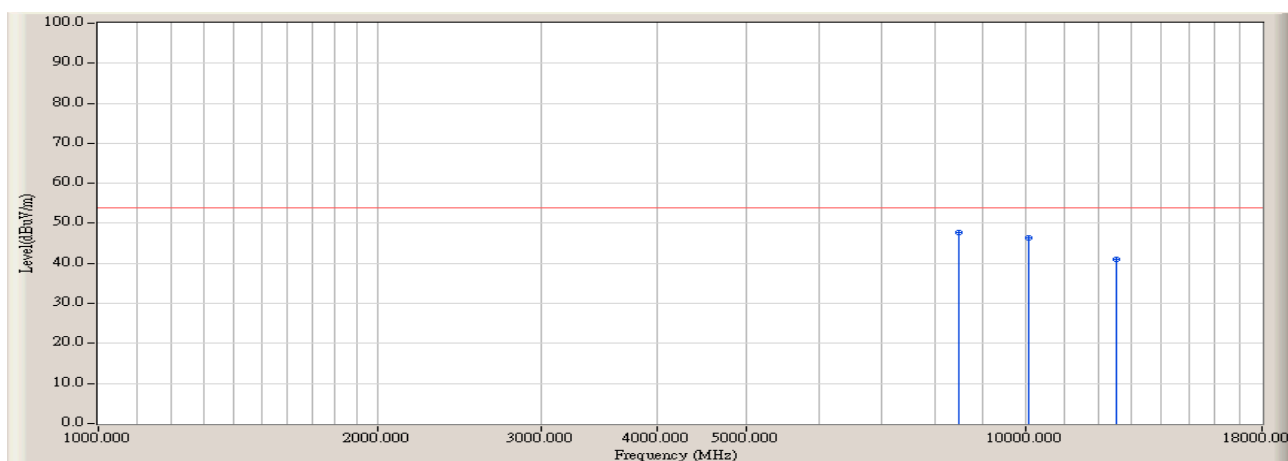


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8480.000	14.510	46.261	60.771	-13.229	74.000	PEAK
2		10095.000	18.320	42.106	60.426	-13.574	74.000	PEAK
3		12531.667	20.051	33.525	53.575	-20.425	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 14:31
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 (5320MHz)

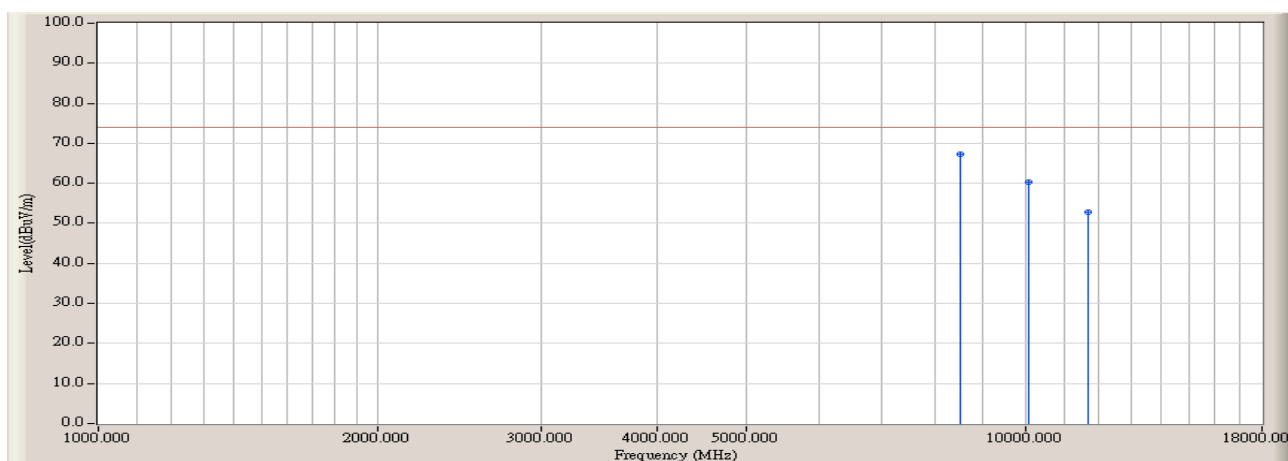


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8480.000	14.510	33.120	47.630	-6.370	54.000	AVERAGE
2		10095.000	18.320	28.030	46.350	-7.650	54.000	AVERAGE
3		12531.667	20.051	21.018	41.068	-12.932	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 14:34
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 (5320MHz)

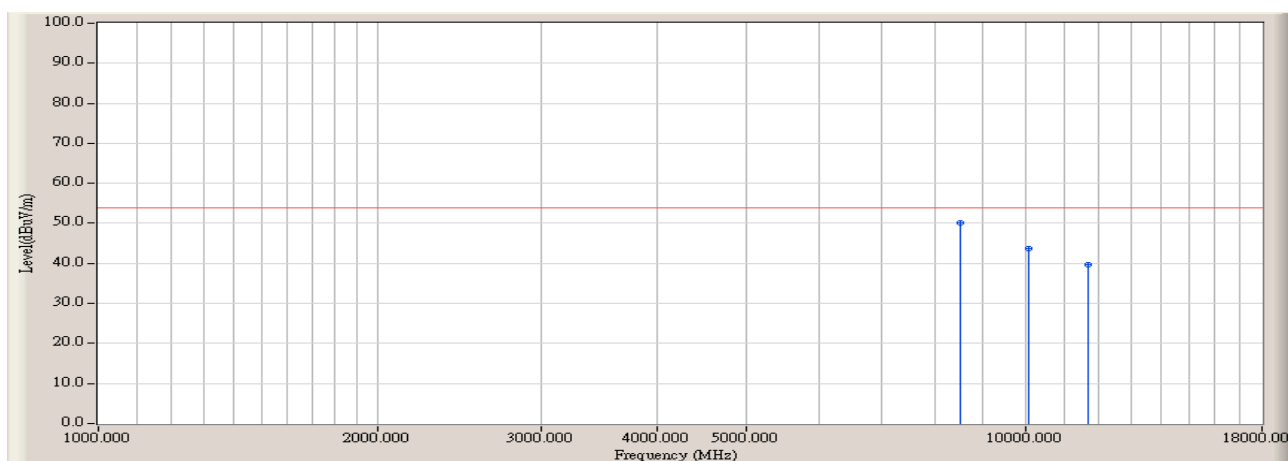


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8508.333	14.620	52.597	67.217	-6.783	74.000	PEAK
2		10095.000	18.320	41.940	60.260	-13.740	74.000	PEAK
3		11681.667	19.283	33.446	52.729	-21.271	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 14:34
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 (5320MHz)

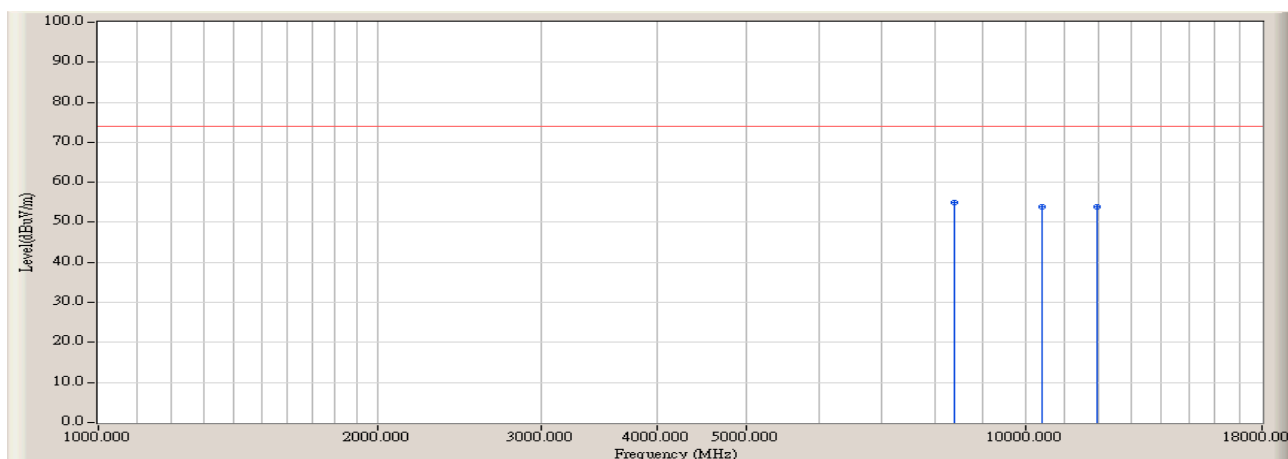


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8508.333	14.620	35.640	50.260	-3.740	54.000	AVERAGE
2		10095.000	18.320	25.305	43.625	-10.375	54.000	AVERAGE
3		11681.667	19.283	20.477	39.760	-14.240	54.000	AVERAGE

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 - 15:13
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 2: Transmit by Super 802.11a (5200MHz)

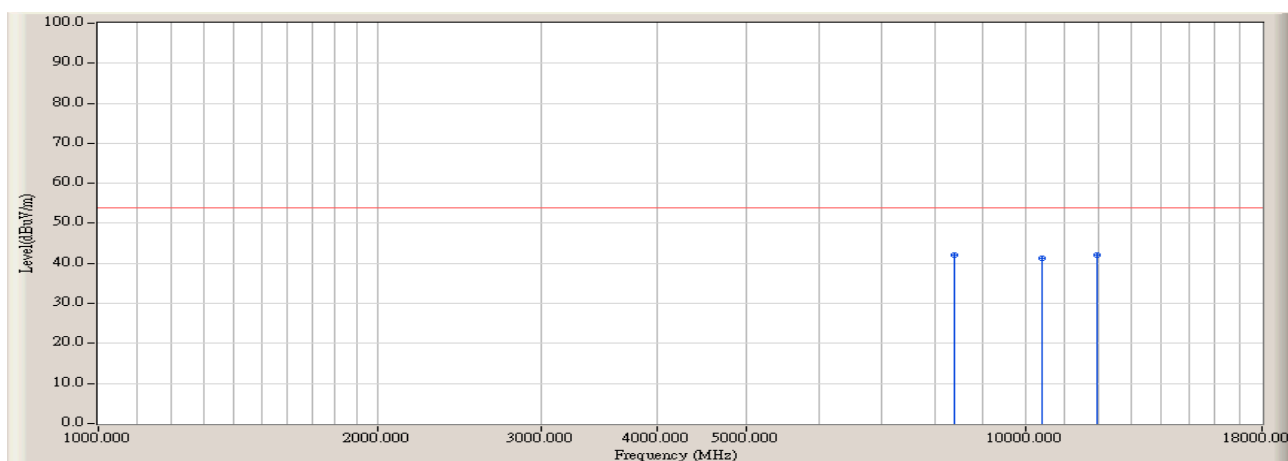


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8395.000	14.200	40.722	54.922	-19.078	74.000	PEAK
2		10406.667	18.850	35.041	53.891	-20.109	74.000	PEAK
3		11965.000	18.890	34.919	53.809	-20.191	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 15:13
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 2: Transmit by Super 802.11a (5200MHz)

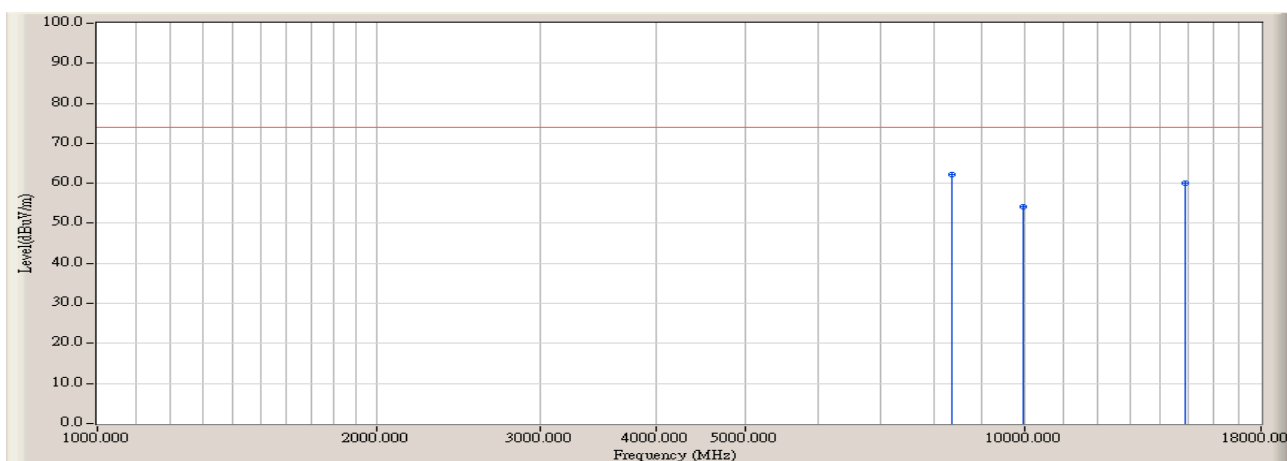


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8395.000	14.200	27.860	42.060	-11.940	54.000	AVERAGE
2		10406.667	18.850	22.510	41.360	-12.640	54.000	AVERAGE
3		11965.000	18.890	23.170	42.060	-11.940	54.000	AVERAGE

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-2	Time : 2007/07/12 - 15:16
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 2: Transmit by Super 802.11a (5200MHz)

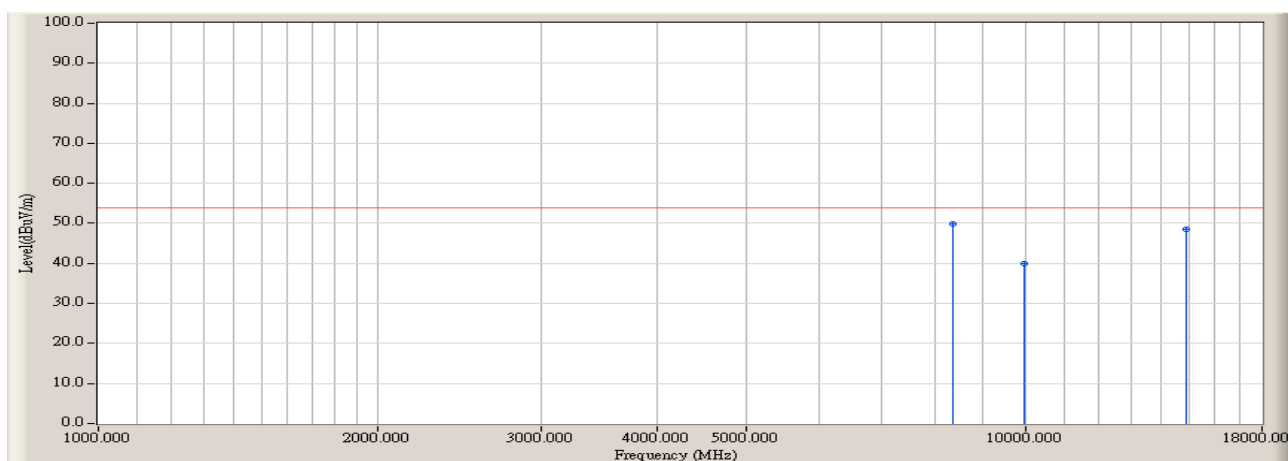


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8366.667	14.167	48.125	62.292	-11.708	74.000	PEAK
2		9953.333	18.049	36.110	54.160	-19.840	74.000	PEAK
3		14911.667	25.713	34.333	60.046	-13.954	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 15:16
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 2: Transmit by Super 802.11a (5200MHz)

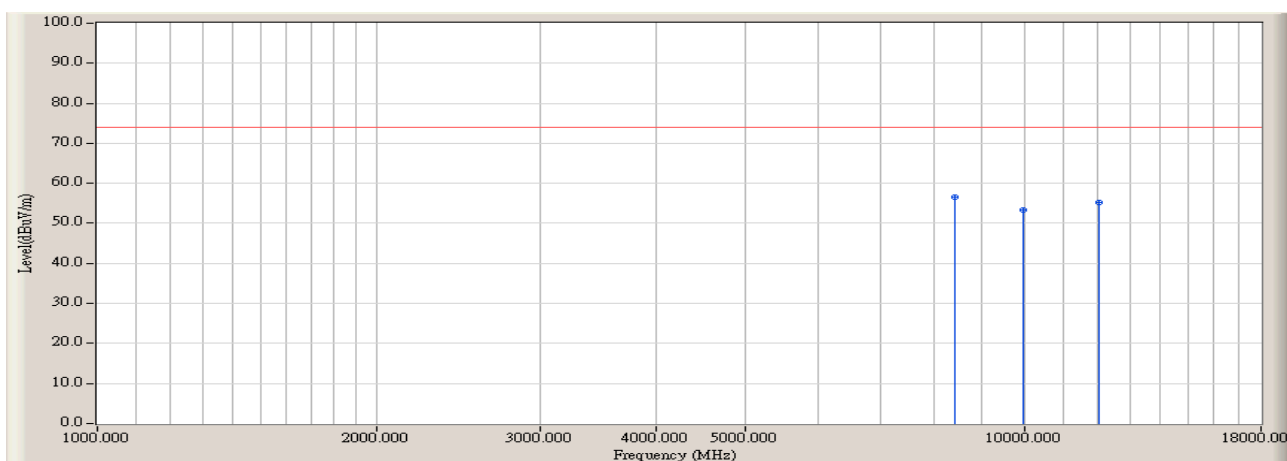


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8366.667	14.167	35.613	49.780	-4.220	54.000	AVERAGE
2		9953.333	18.049	21.980	40.030	-13.970	54.000	AVERAGE
3		14911.667	25.713	22.817	48.530	-5.470	54.000	AVERAGE

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 - 15:20
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 2: Transmit by Super 802.11a (5220MHz)

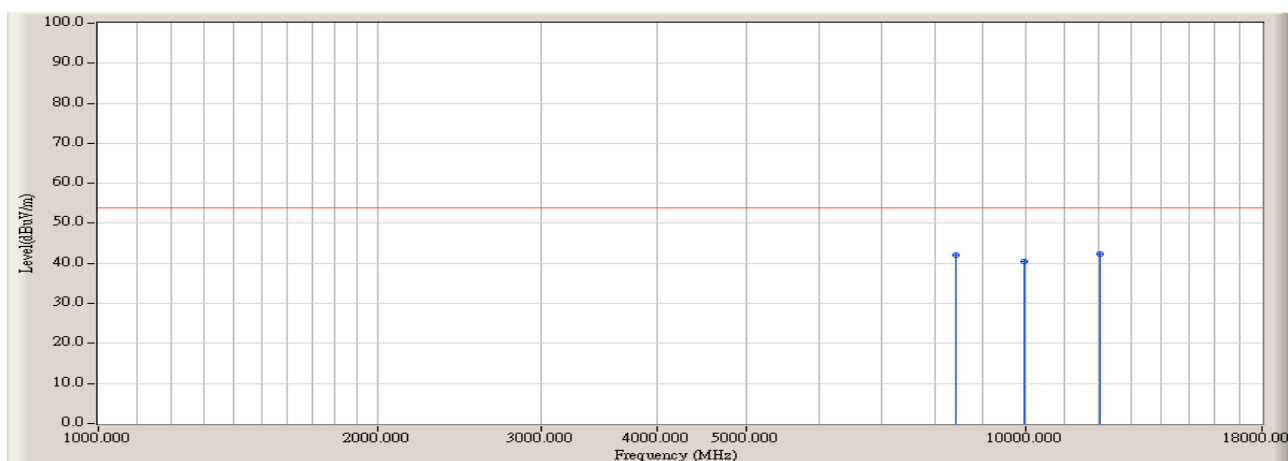


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8423.333	14.297	42.165	56.462	-17.538	74.000	PEAK
2		9981.667	18.120	35.280	53.400	-20.600	74.000	PEAK
3		12021.667	18.887	36.365	55.252	-18.748	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 15:20
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 2: Transmit by Super 802.11a (5220MHz)

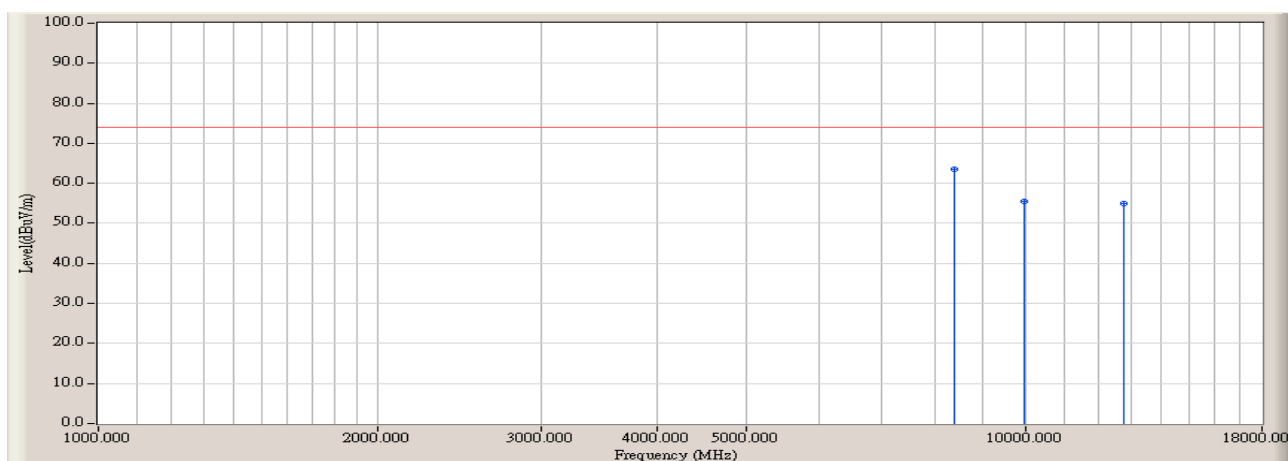


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		8423.333	14.297	27.883	42.180	-11.820	54.000	AVERAGE
2		9981.667	18.120	22.275	40.395	-13.605	54.000	AVERAGE
3	*	12021.667	18.887	23.581	42.468	-11.532	54.000	AVERAGE

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 - 15:23
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 2: Transmit by Super 802.11a (5220MHz)

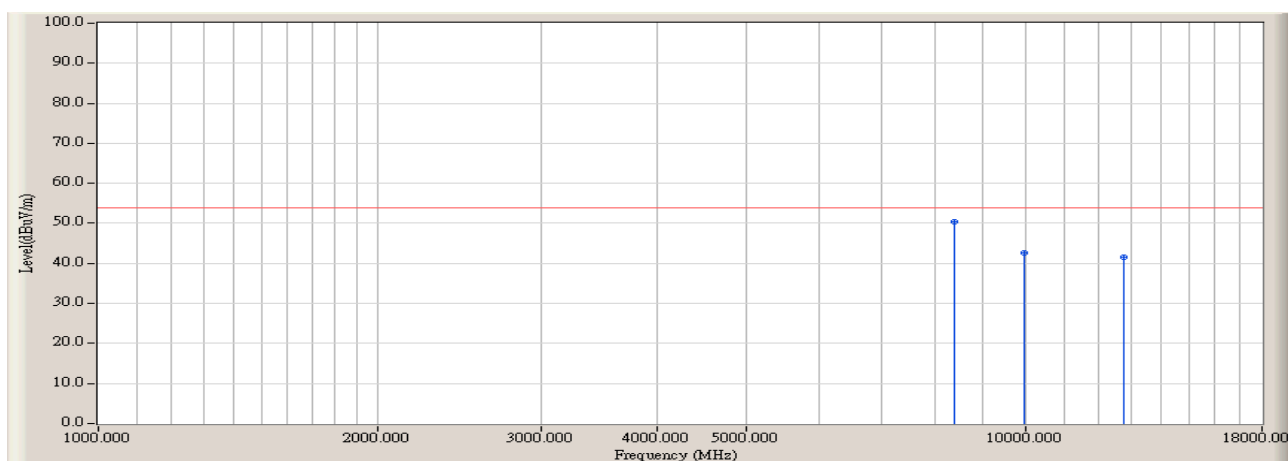


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8395.000	14.200	49.447	63.647	-10.353	74.000	PEAK
2		9981.667	18.120	37.288	55.408	-18.592	74.000	PEAK
3		12786.667	20.644	34.360	55.003	-18.997	74.000	PEAK

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 - 15:23
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 2: Transmit by Super 802.11a (5220MHz)

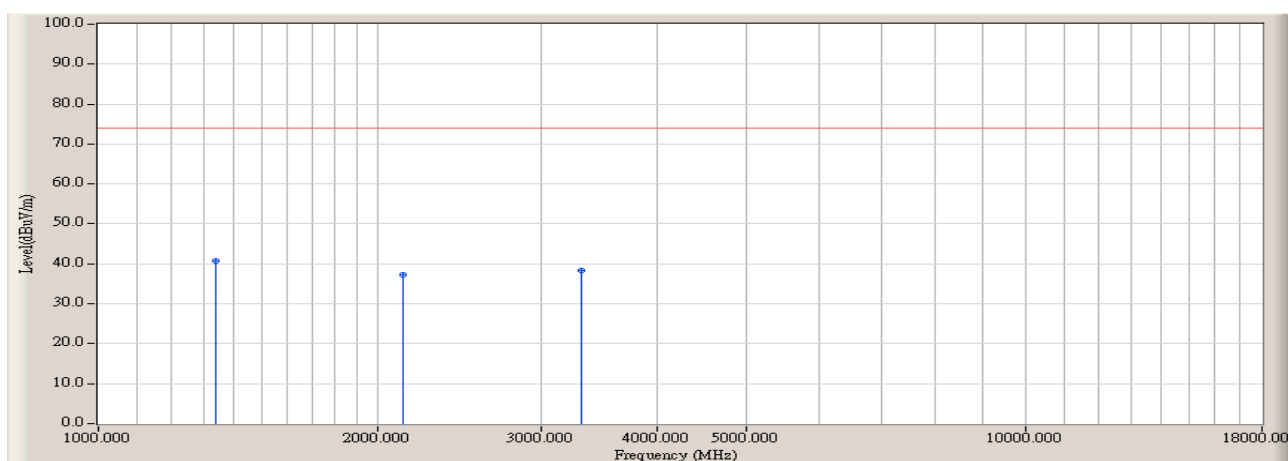


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	8395.000	14.200	36.270	50.470	-3.530	54.000	AVERAGE
2		9981.667	18.120	24.550	42.670	-11.330	54.000	AVERAGE
3		12786.667	20.644	20.997	41.640	-12.360	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 20:38
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 0
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5280MHz)

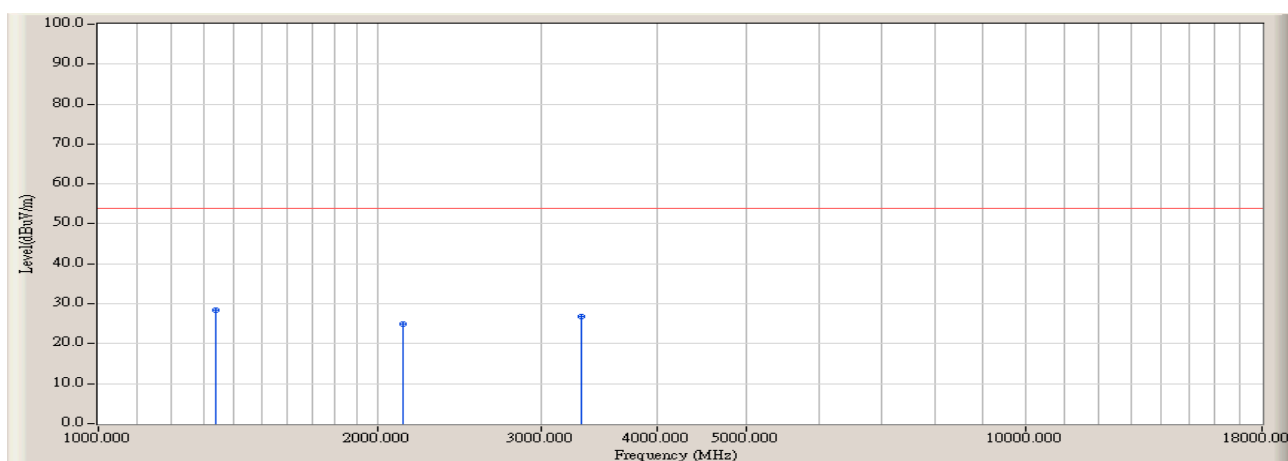


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	1340.000	-6.430	47.138	40.708	-33.292	74.000	PEAK
2		2133.333	-2.187	39.356	37.169	-36.831	74.000	PEAK
3		3323.333	-0.303	38.514	38.211	-35.789	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 20:38
Limit : FCC_B_(Above_1G)_3M_AV	Margin : 0
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5280MHz)

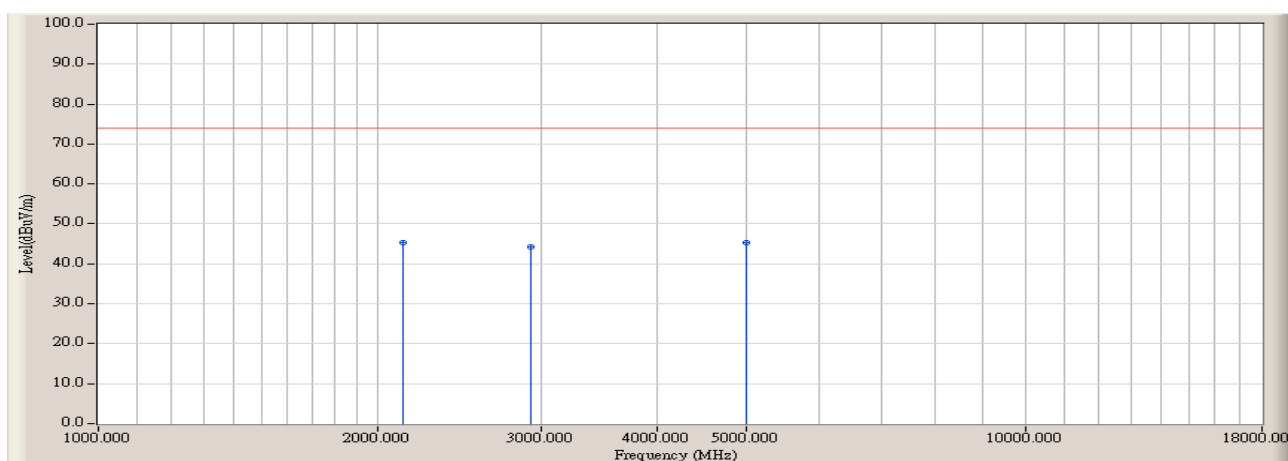


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	1340.000	-6.430	34.860	28.430	-25.570	54.000	AVERAGE
2		2133.333	-2.187	27.247	25.060	-28.940	54.000	AVERAGE
3		3323.333	-0.303	27.153	26.850	-27.150	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 20:40
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 0
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5280MHz)

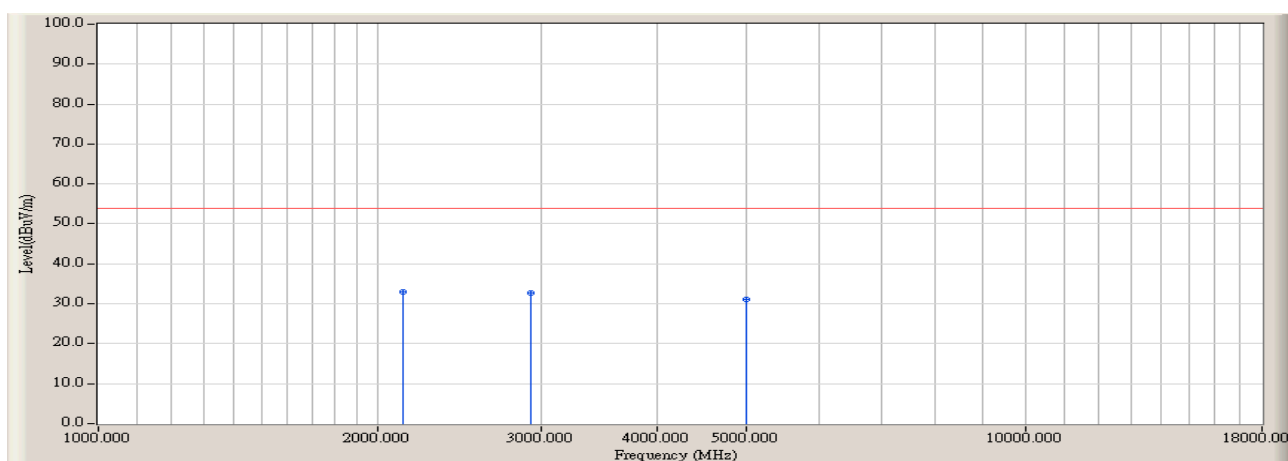


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2133.333	-2.187	47.388	45.201	-28.799	74.000	PEAK
2		2926.667	-0.746	45.110	44.363	-29.637	74.000	PEAK
3	*	4995.000	5.290	39.942	45.232	-28.768	74.000	PEAK

Note:

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

Engineer : Johnwang	
Site : AC-2	Time : 2007/07/12 - 20:40
Limit : FCC_B_(Above_1G)_3M_AV	Margin : 0
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5280MHz)

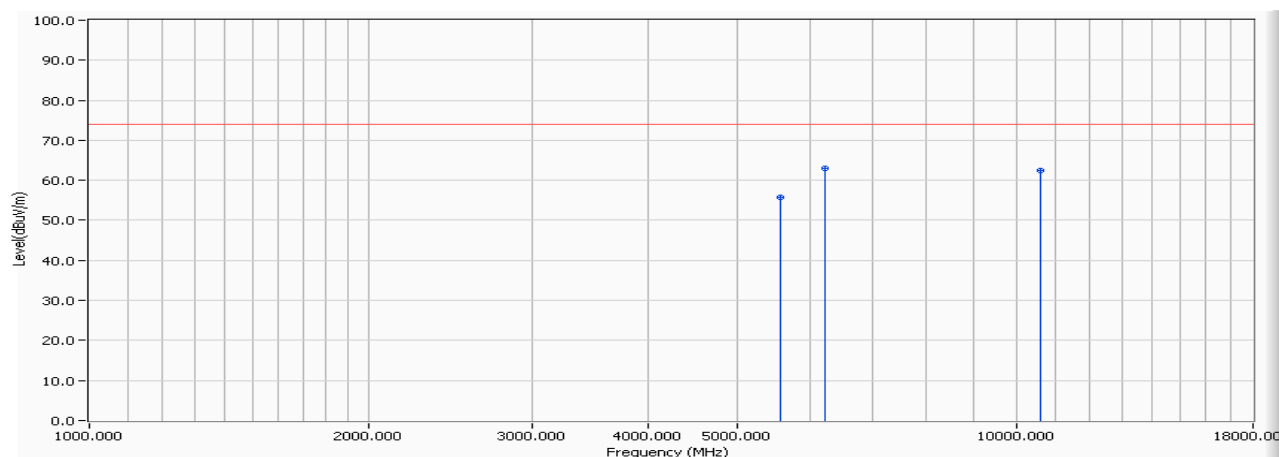


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2133.333	-2.187	35.247	33.060	-20.940	54.000	AVERAGE
2		2926.667	-0.746	33.387	32.640	-21.360	54.000	AVERAGE
3		4995.000	5.290	25.774	31.064	-22.936	54.000	AVERAGE

Note:

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

Engineer : Marlin	
Site : AC2	Time : 2008/01/23 - 11:40
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5300MHz)

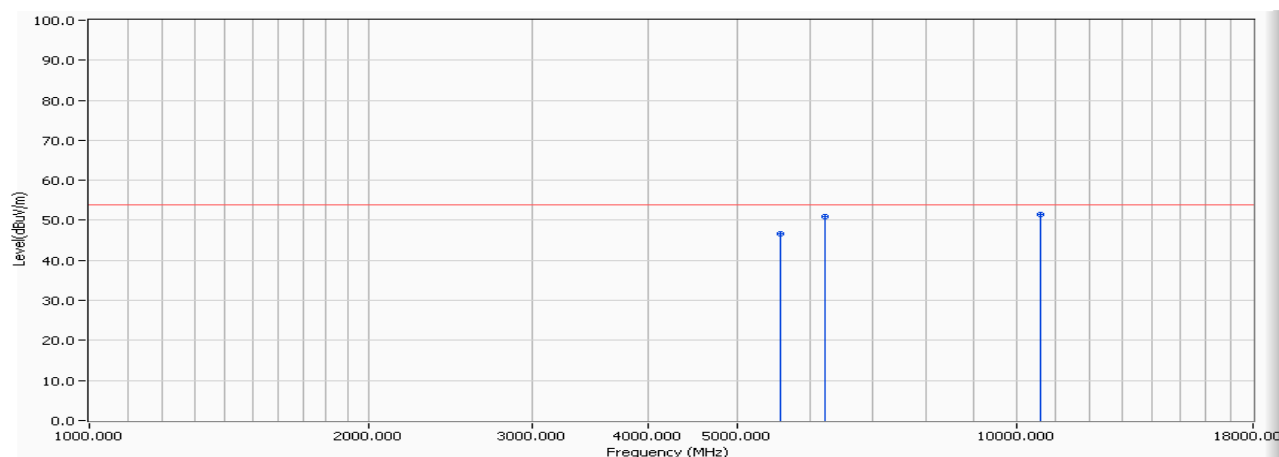


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5562.000	5.290	50.600	55.890	-18.080	73.970	PEAK
2		6212.000	8.676	54.300	62.976	-10.994	73.970	PEAK
3	*	10602.000	11.259	51.200	62.459	-11.511	73.970	PEAK

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	Time : 2008/01/23 - 11:42
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5300MHz)

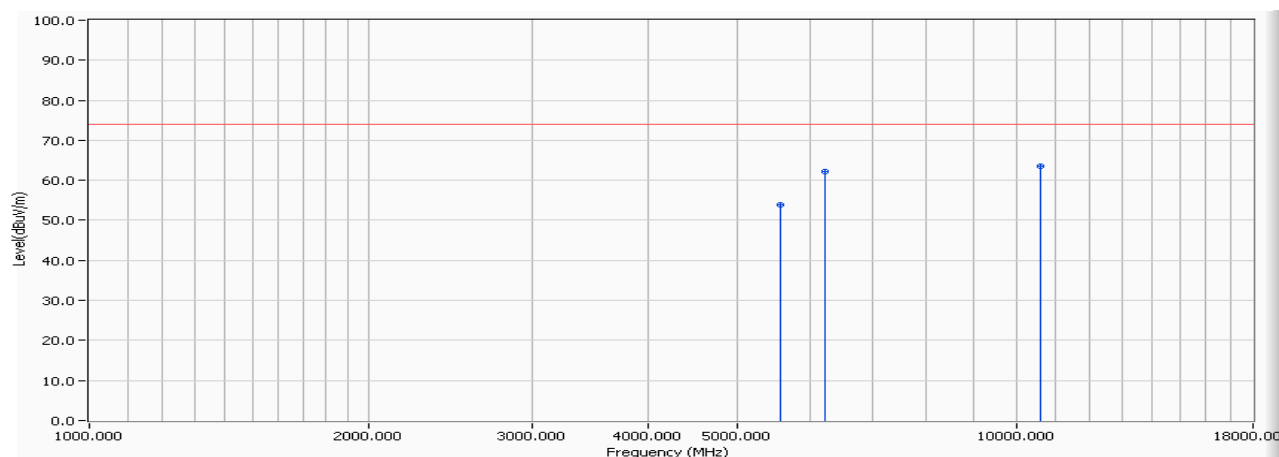


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5562.000	5.290	41.300	46.590	-7.380	53.970	AVERAGE
2		6212.000	8.676	42.200	50.876	-3.094	53.970	AVERAGE
3		10602.000	11.259	40.100	51.359	-2.611	53.970	AVERAGE

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	Time : 2008/01/23 - 11:43
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : BBHA9120D_496(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5300MHz)

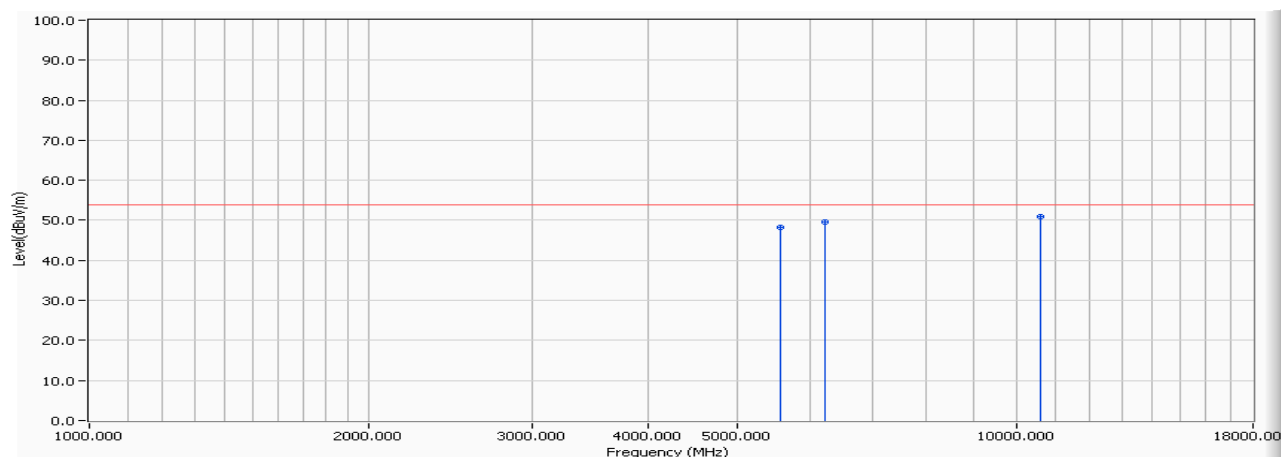


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5560.000	5.270	48.600	53.870	-20.100	73.970	PEAK
2		6211.000	8.639	53.600	62.239	-11.731	73.970	PEAK
3	*	10602.000	11.259	52.400	63.659	-10.311	73.970	PEAK

Note:

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

Engineer : Marlin	
Site : AC3 (3m Semi-Anechoic Chamber)	Time : 2008/01/23 - 11:44
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : BBHA9120D_496(1-18GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5300MHz)

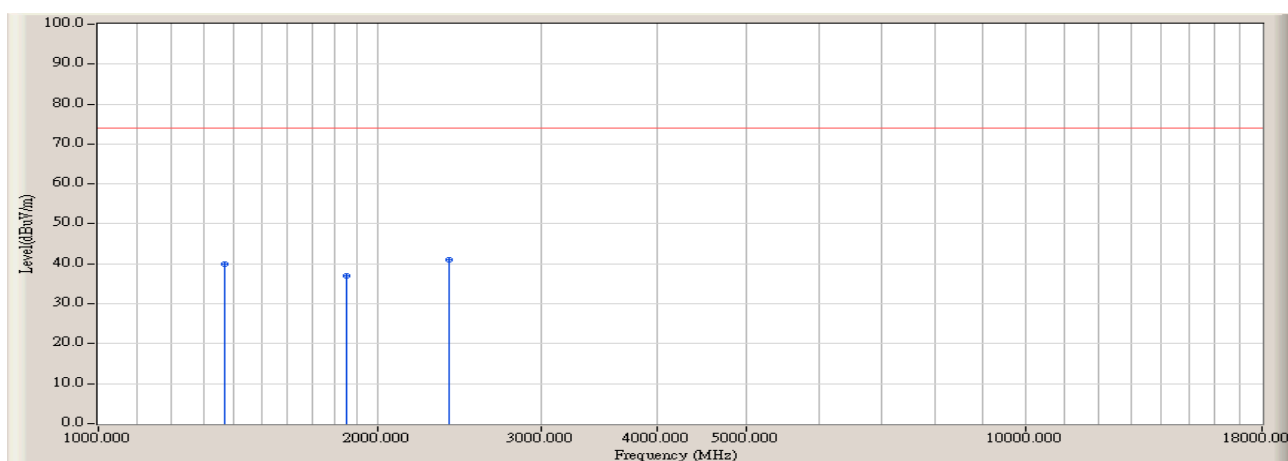


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5560.000	5.270	43.100	48.370	-5.600	53.970	AVERAGE
2		6211.000	8.639	41.000	49.639	-4.331	53.970	AVERAGE
3		10602.000	11.259	39.800	51.059	-2.911	53.970	AVERAGE

Note:

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

Engineer : Johnwang	
Site : AC-2	Time : 2007/07/12 - 20:44
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 0
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5320MHz)

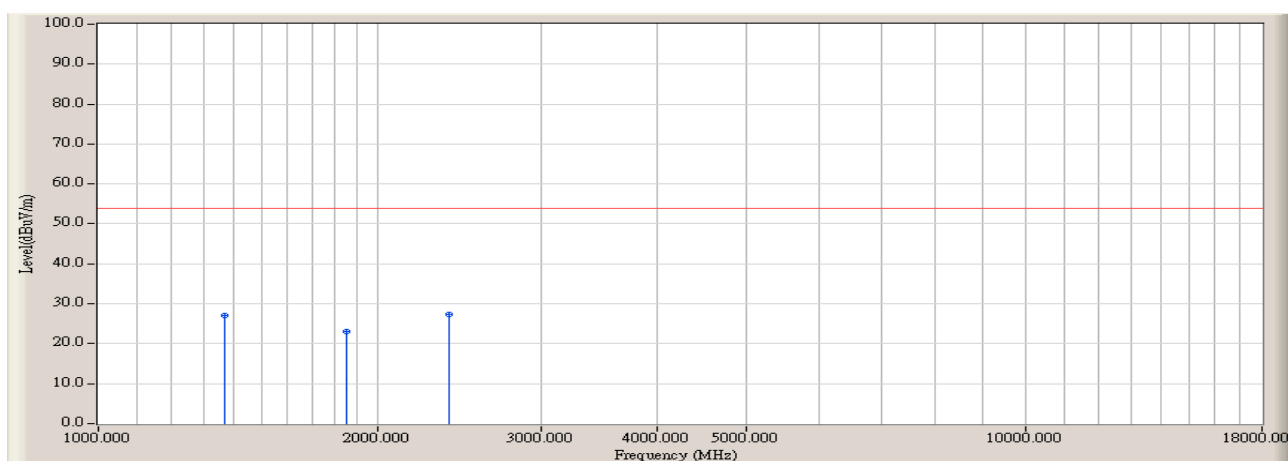


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1368.333	-6.317	46.200	39.883	-34.117	74.000	PEAK
2		1850.000	-4.940	41.851	36.911	-37.089	74.000	PEAK
3	*	2388.333	-1.664	42.615	40.952	-33.048	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 20:44
Limit : FCC_B_(Above_1G)_3M_AV	Margin : 0
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5320MHz)

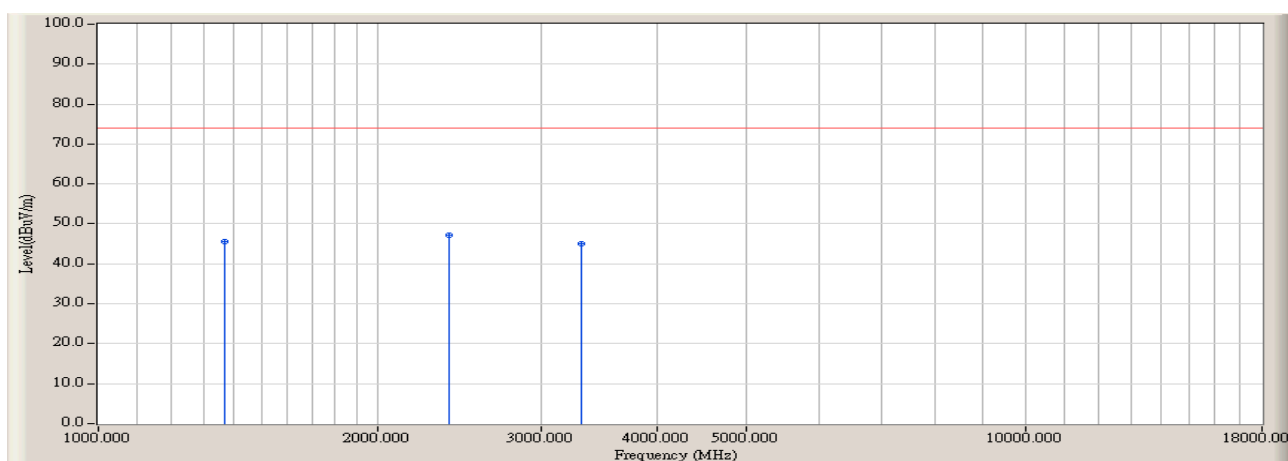


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1368.333	-6.317	33.477	27.160	-26.840	54.000	AVERAGE
2		1850.000	-4.940	28.125	23.185	-30.815	54.000	AVERAGE
3	*	2388.333	-1.664	29.123	27.460	-26.540	54.000	AVERAGE

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 - 20:47
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 0
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5320MHz)

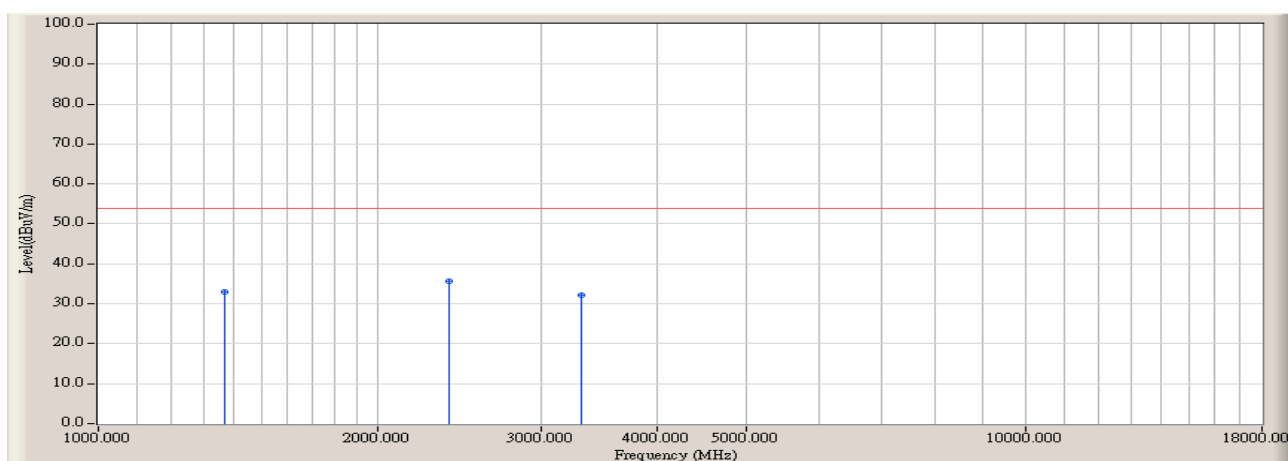


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1368.333	-6.317	51.995	45.678	-28.322	74.000	PEAK
2	*	2388.333	-1.664	48.883	47.220	-26.780	74.000	PEAK
3		3323.333	-0.303	45.218	44.915	-29.085	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with 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 - 20:47
Limit : FCC_B_(Above_1G)_3M_AV	Margin : 0
EUT : Wireless-AG (108MBPS) Network USB Adapter	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by Super 802.11a (5320MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1368.333	-6.317	39.379	33.062	-20.938	54.000	AVERAGE
2	*	2388.333	-1.664	37.283	35.620	-18.380	54.000	AVERAGE
3		3323.333	-0.303	32.371	32.068	-21.932	54.000	AVERAGE

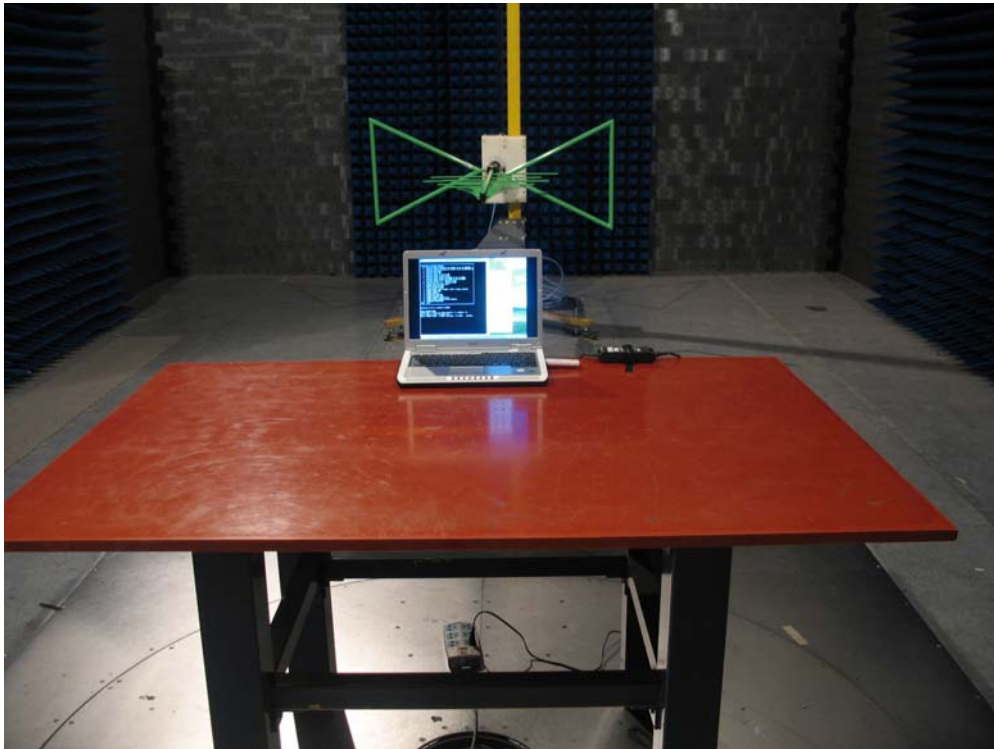
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed 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

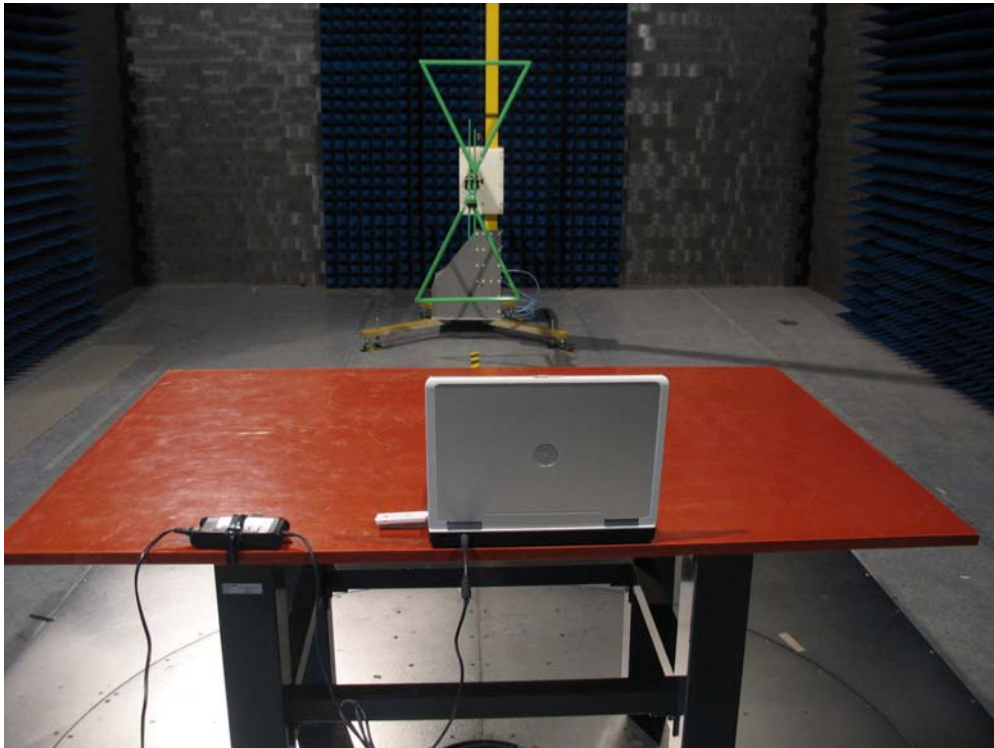
Test Mode: Mode 1: Transmit by 802.11a

Description: Front View of Radiated Test for Under 1GHz



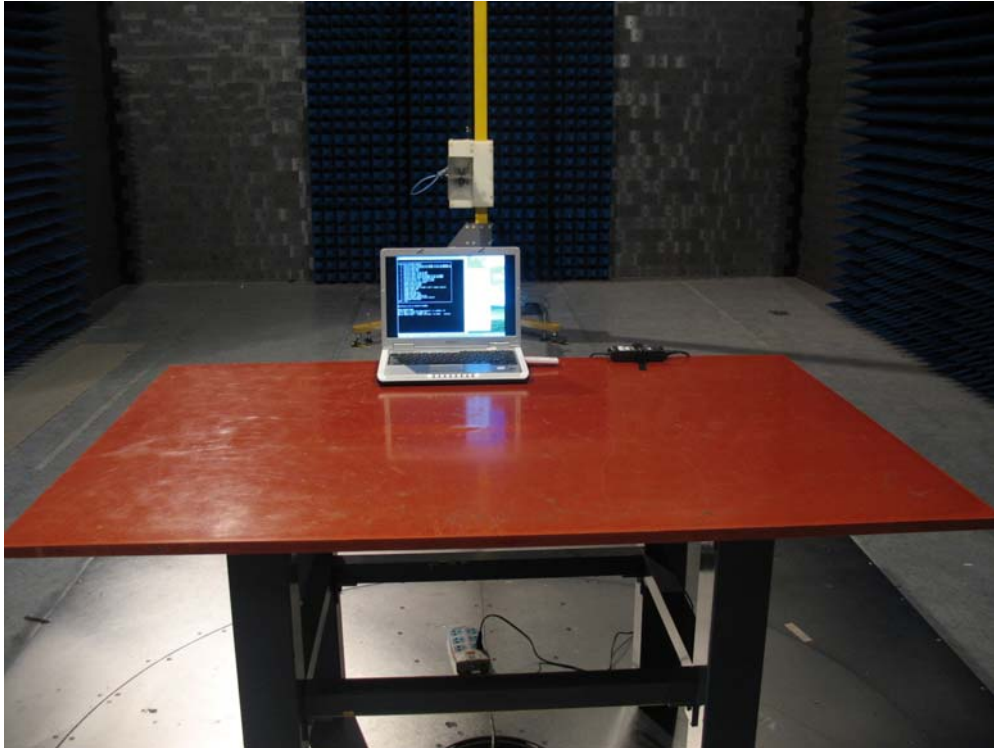
Test Mode: Mode 1: Transmit by 802.11a

Description: Back View of Radiated Test for Under 1GHz



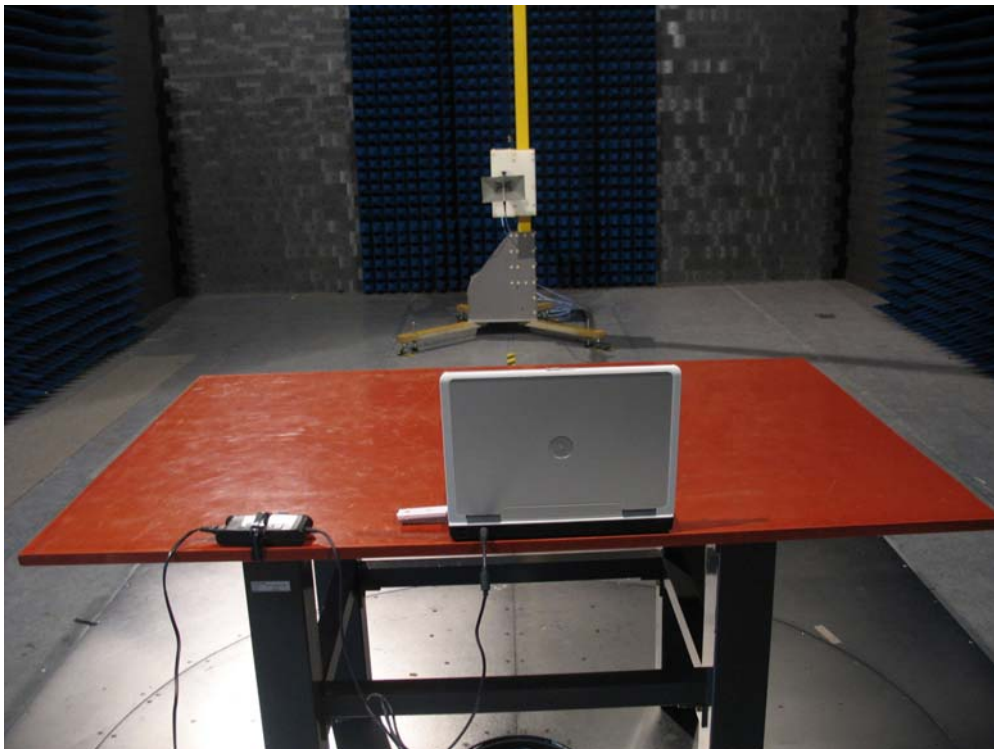
Test Mode: Mode 1: Transmit by 802.11a

Description: Front View of Radiated Test for Above 1GHz



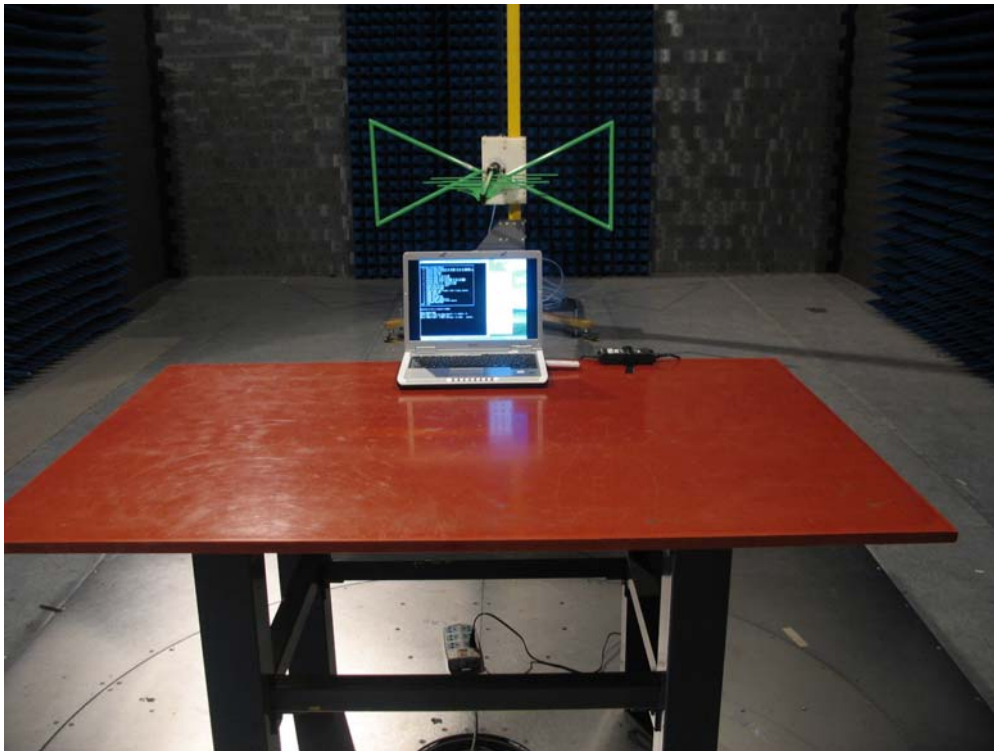
Test Mode: Mode 1: Transmit by 802.11a

Description: Back View of Radiated Test for Above 1GHz



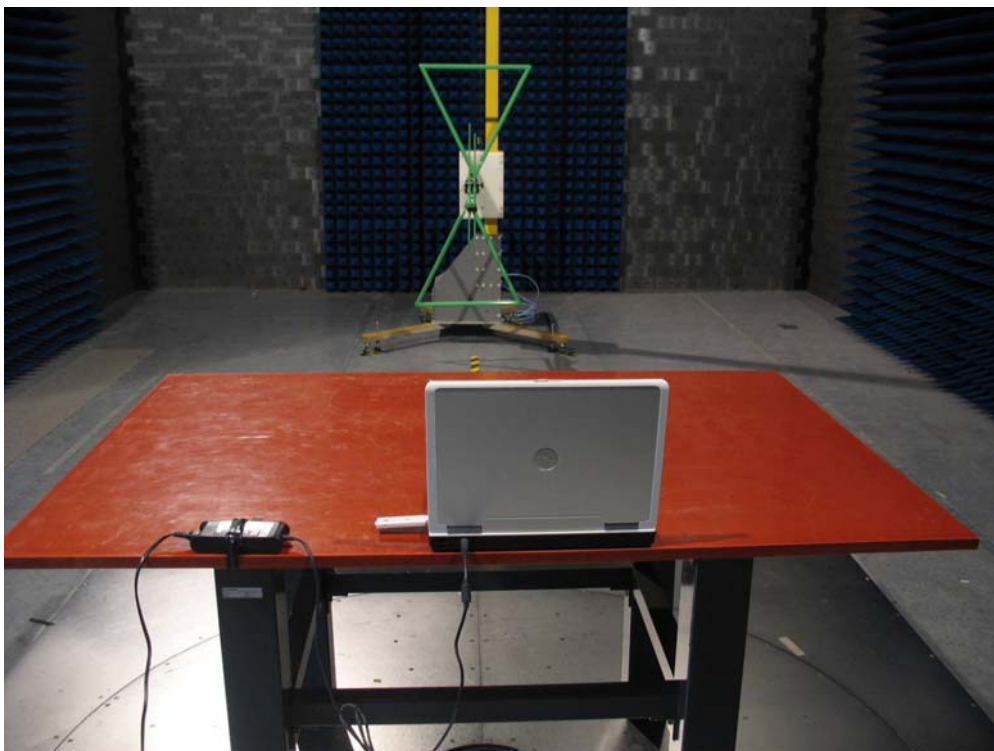
Test Mode: Mode 2: Transmit by Super 802.11a

Description: Front View of Radiated Test for Under 1GHz



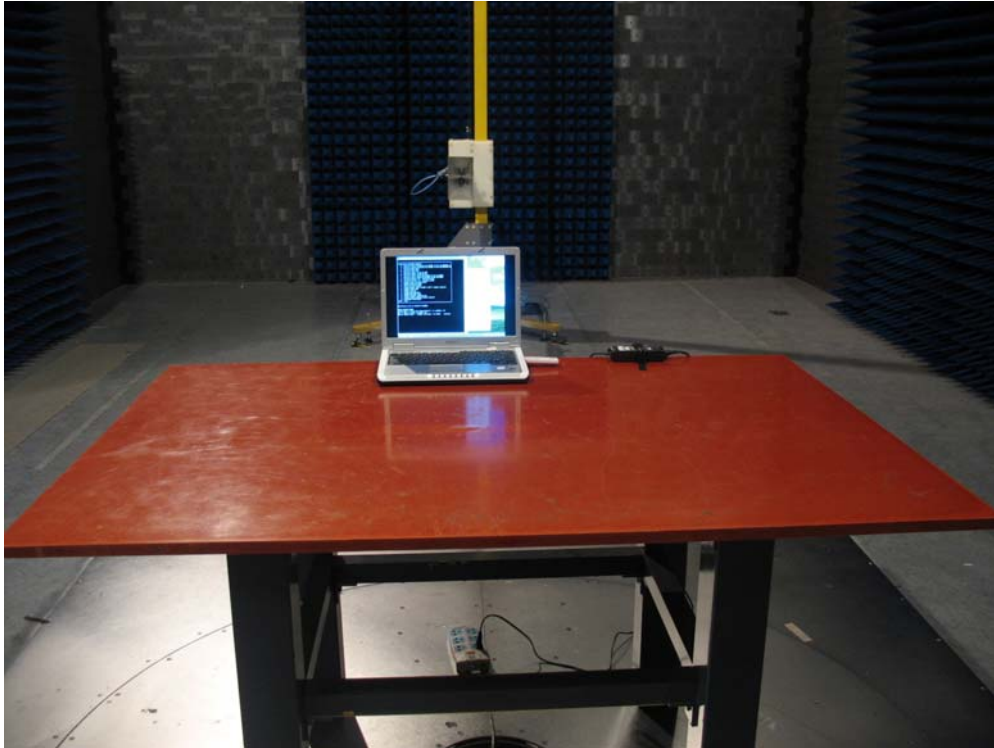
Test Mode: Mode 2: Transmit by Super 802.11a

Description: Back View of Radiated Test for Under 1GHz



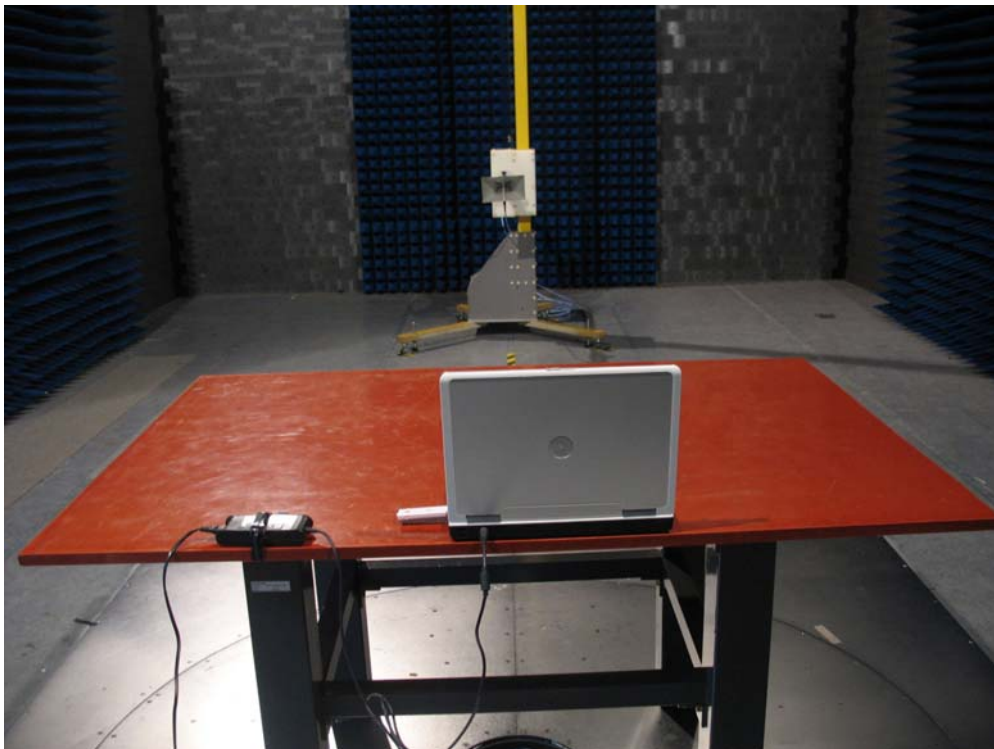
Test Mode: Mode 2: Transmit by Super 802.11a

Description: Front View of Radiated Test for Above 1GHz



Test Mode: Mode 2: Transmit by Super 802.11a

Description: Back View of Radiated Test for Above 1GHz



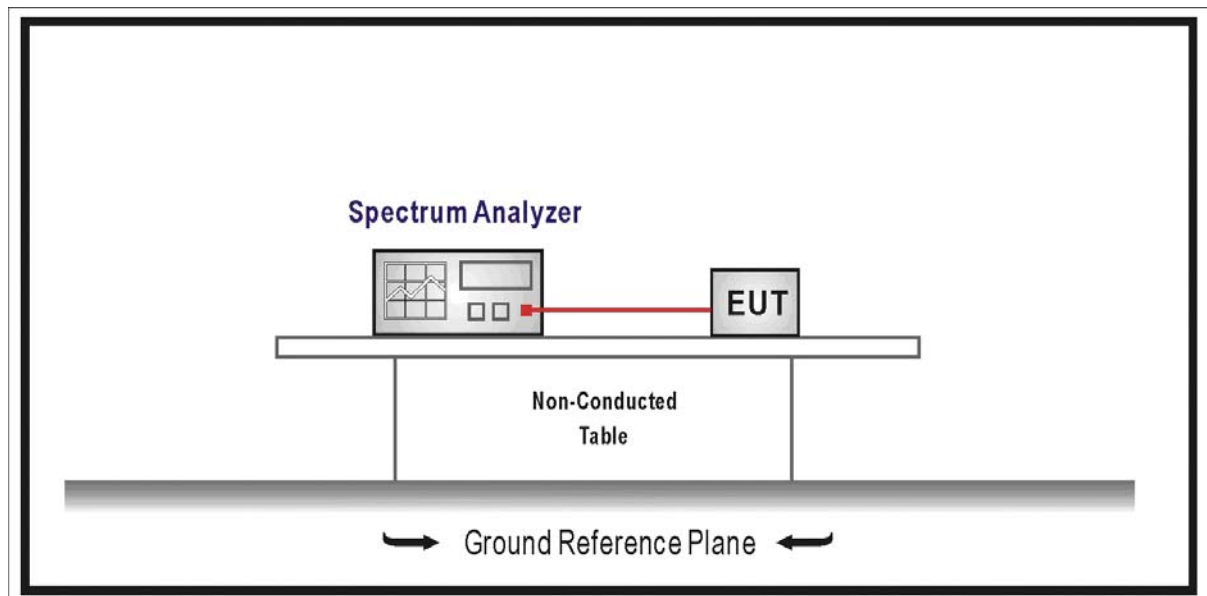
5. 26dBc Occupied Bandwidth

5.1. Test Equipment

26dBc 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

5.2. Test Setup



5.3. Limit

N/A

5.4. Test Procedure

According to the FCC Measurement Techniques: FCC Public Notice DA 02-2138, August 30, 2002

- Use a RBW = approximately 1% of the emission bandwidth.
- Set the VBW > RBW
- Use a peak detector.
- Do not use the Max Hold function. Rather, use the view button to capture the emission.
- Measure the maximum width of the emission that is 26 dB down from the peak of the

emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

5.5. Uncertainty

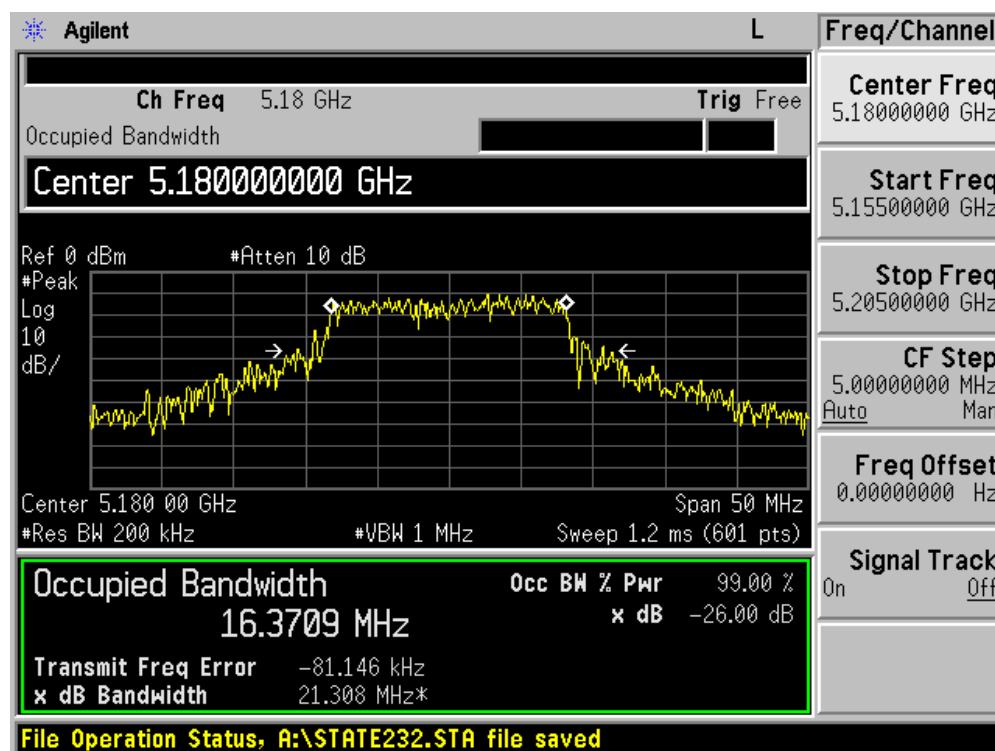
The measurement uncertainty is defined as ± 100 Hz

5.6. Test Result

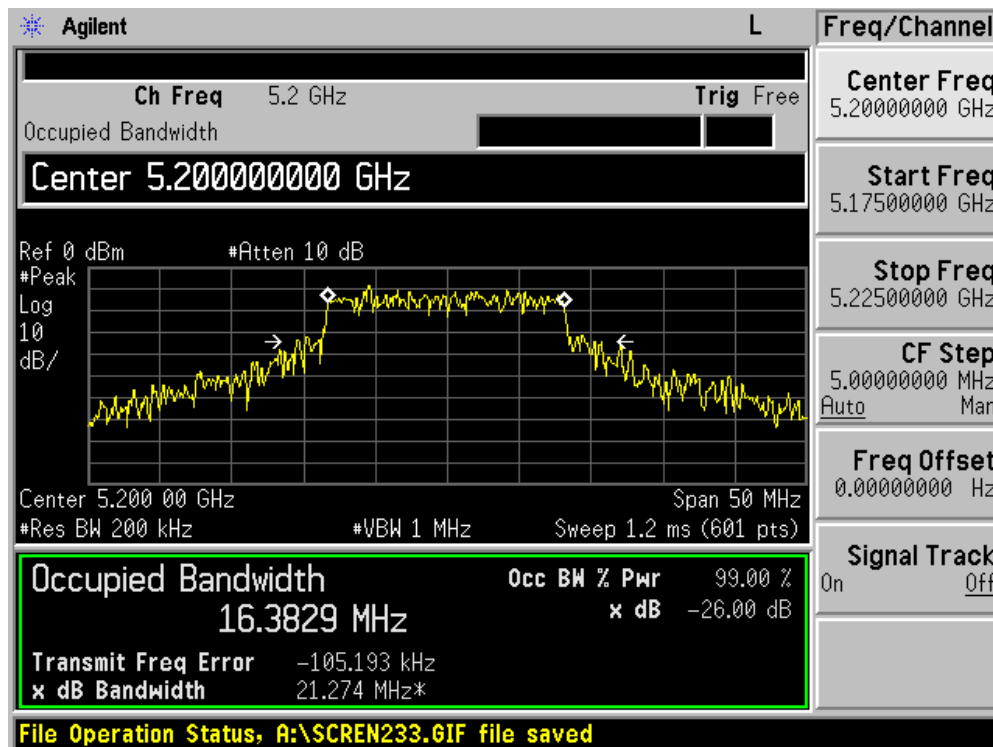
Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	26dBc Occupied Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 1: Transmit by 802.11a

Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
01	5180	21.308	N/A	N/A
02	5200	21.274	N/A	N/A
04	5240	21.635	N/A	N/A

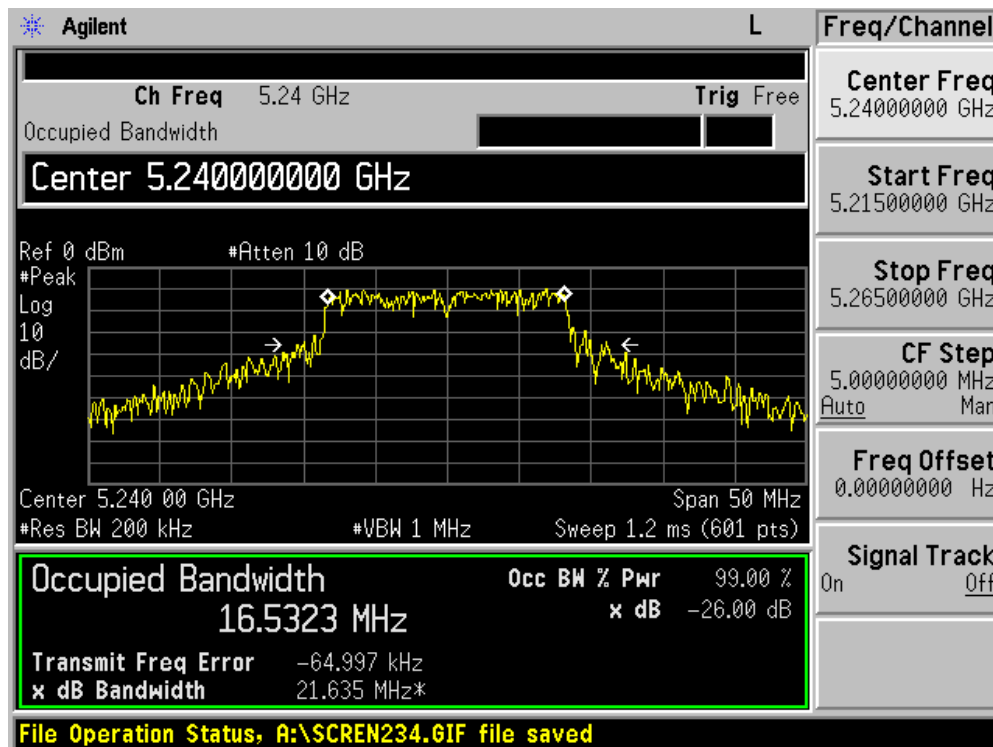
Channel 01 (5180MHz)



Channel 02 (5200MHz)



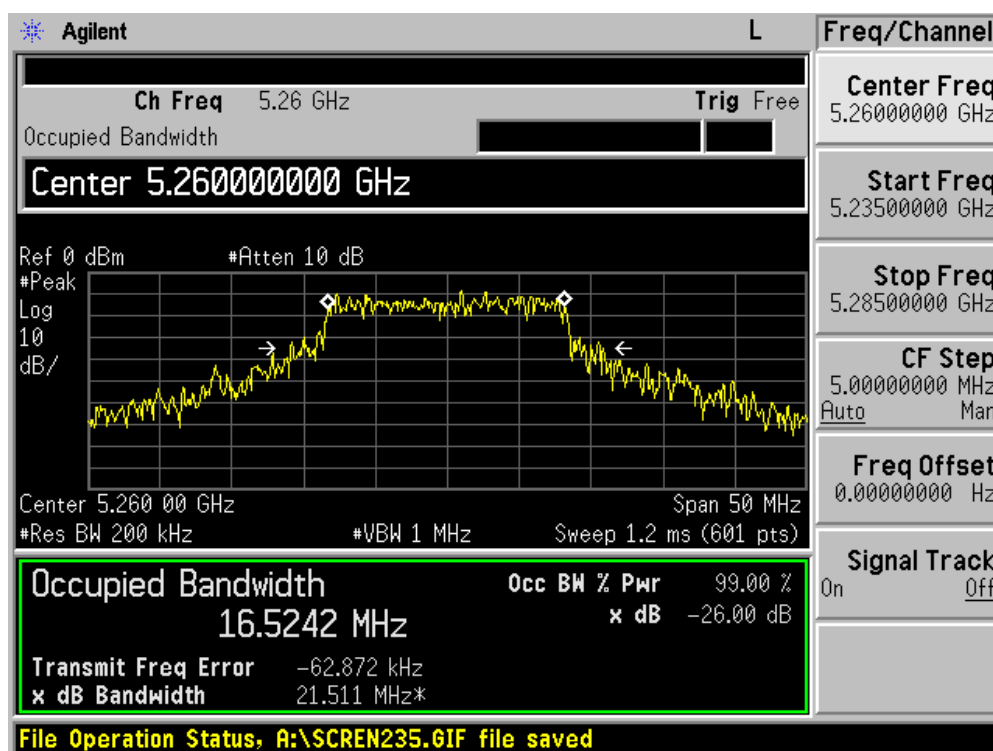
Channel 04 (5240MHz)



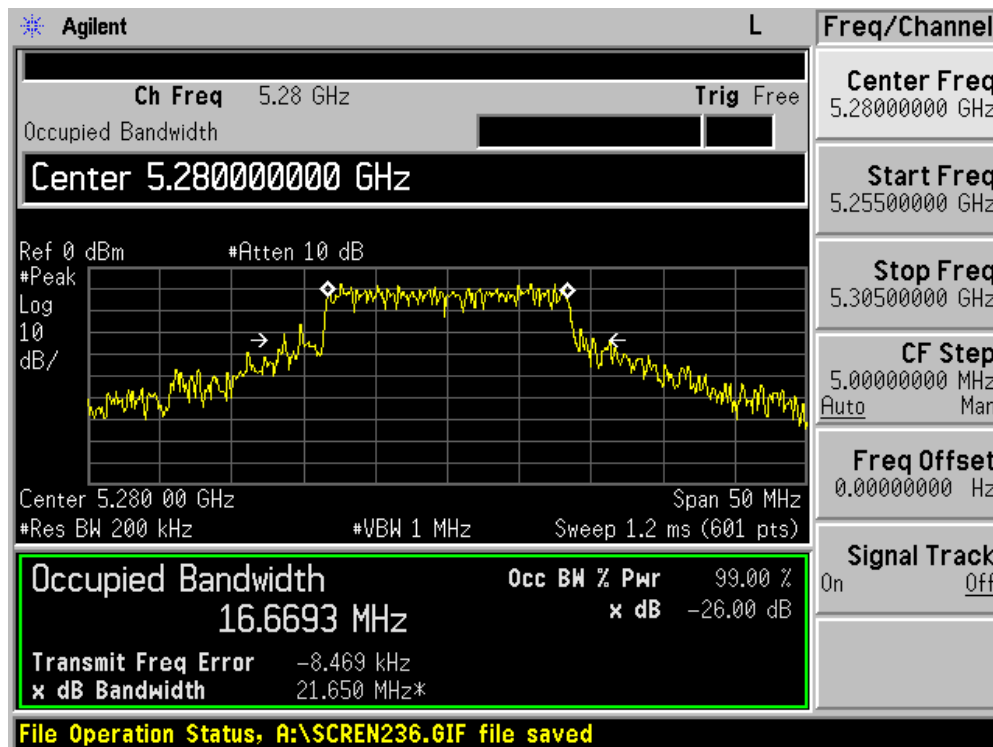
Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	26dBc Occupied Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 1: Transmit by 802.11a

Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
05	5260	21.511	N/A	N/A
06	5280	21.650	N/A	N/A
08	5320	22.557	N/A	N/A

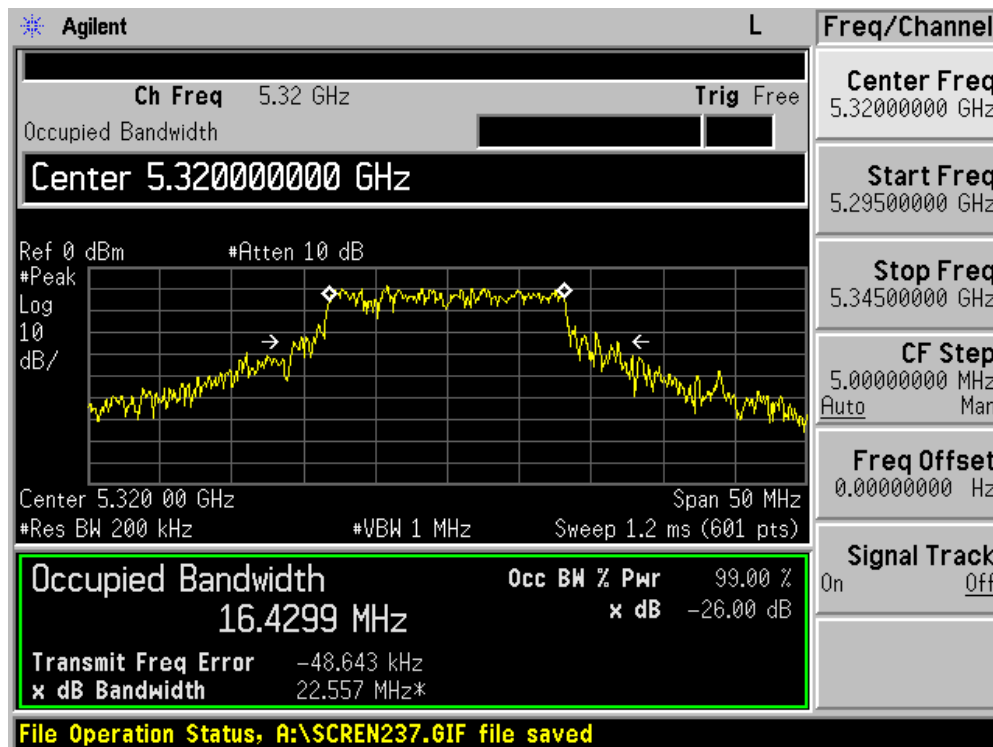
Channel 05 (5260MHz)



Channel 06 (5280MHz)



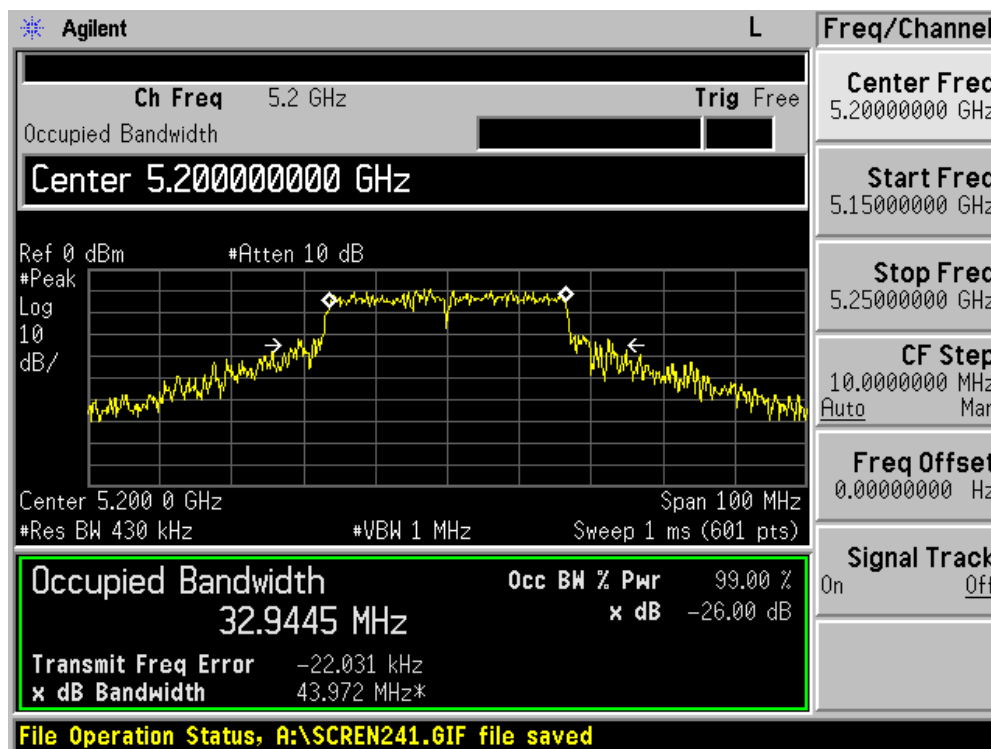
Channel 08 (5320MHz)



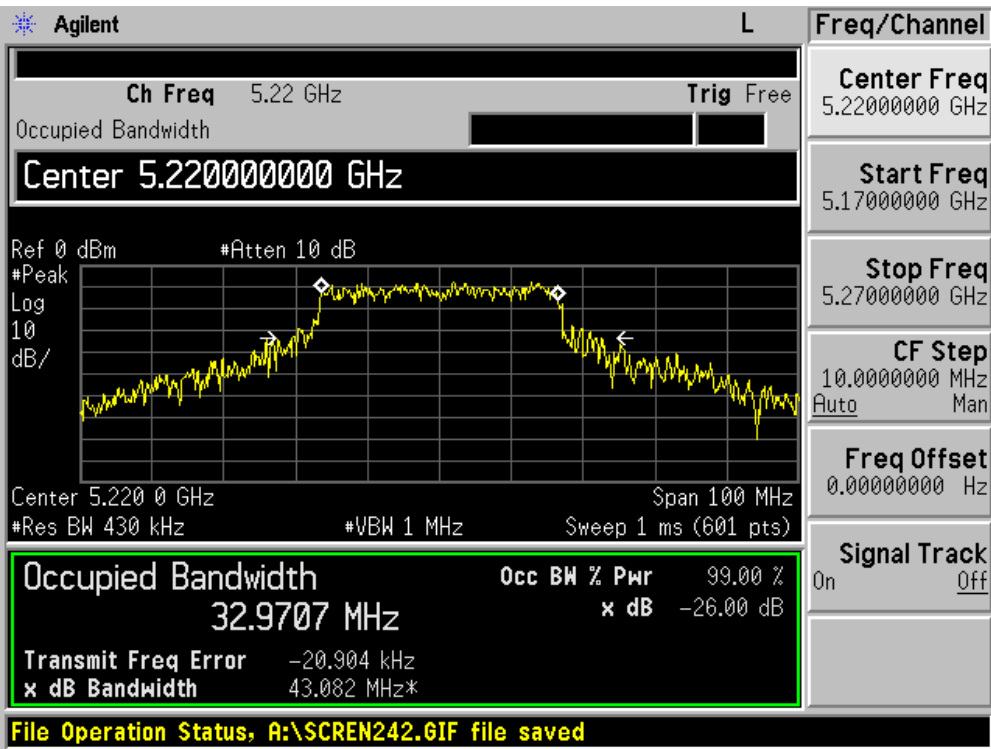
Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	26dBc Occupied Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by Super 802.11a

Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
02	5200	43.972	N/A	N/A
03	5220	43.082	N/A	N/A

Channel 02 (5200MHz)



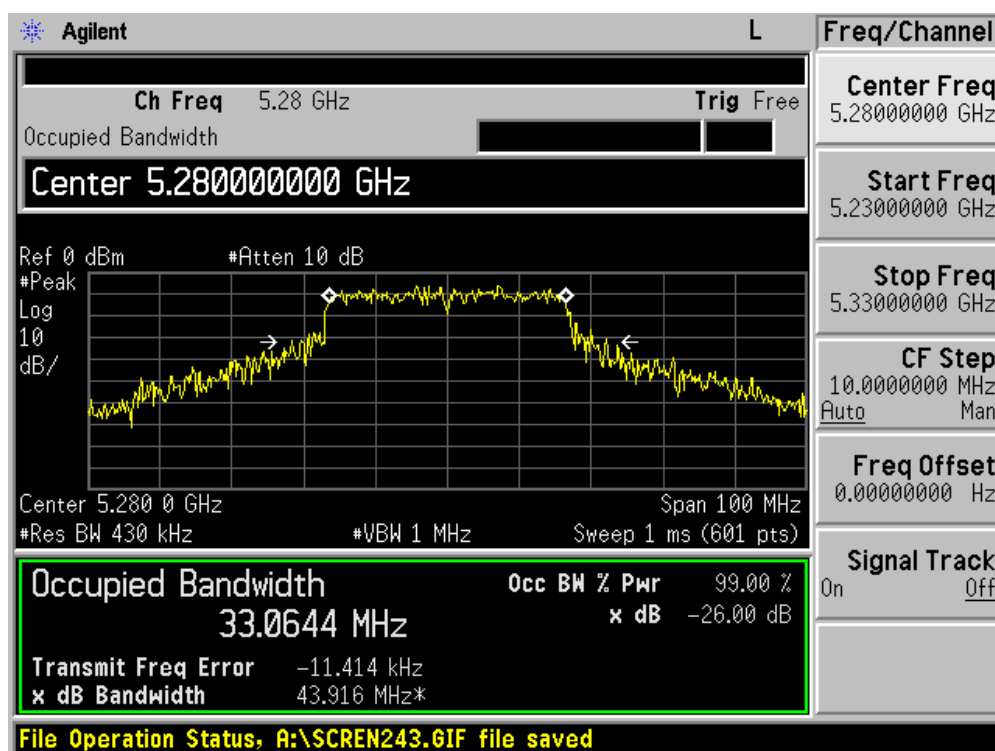
Channel 03 (5220MHz)



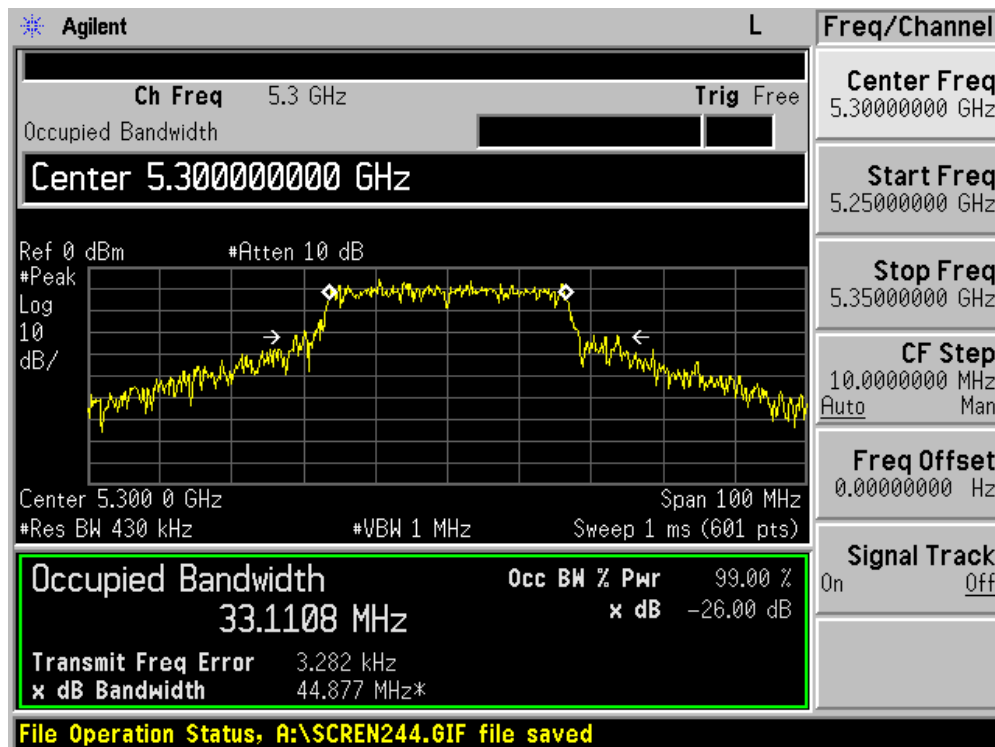
Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	26dBc Occupied Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by Super 802.11a

Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
06	5280	43.916	N/A	N/A
07	5300	44.877	N/A	N/A
08	5320	42.743	N/A	N/A

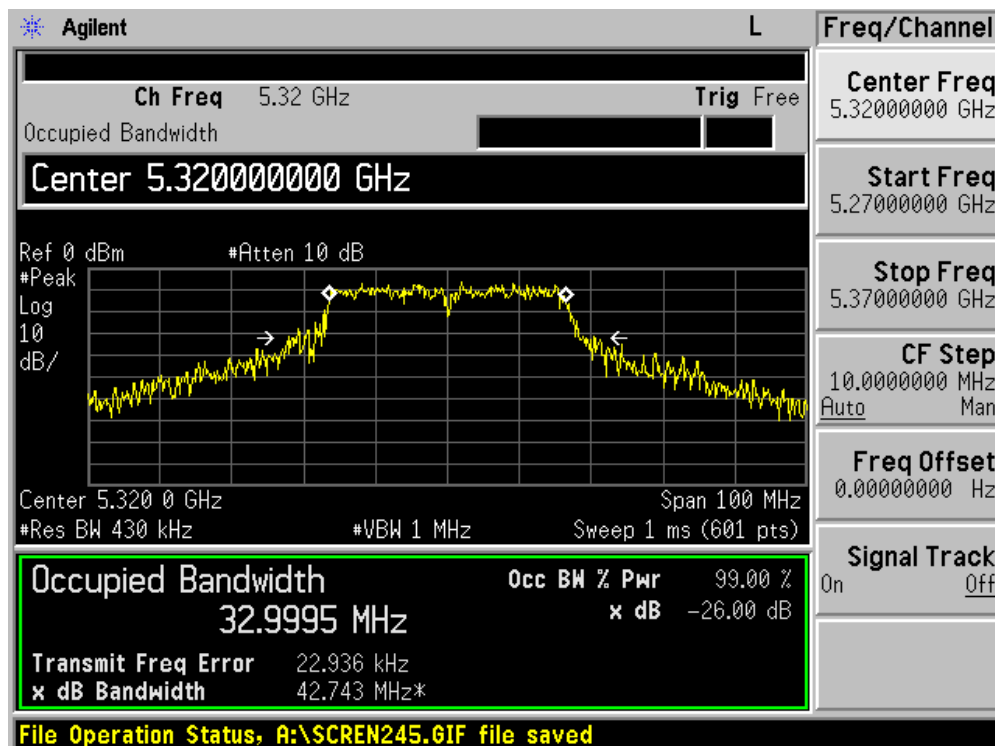
Channel 06 (5280MHz)



Channel 07 (5300MHz)



Channel 08 (5320MHz)



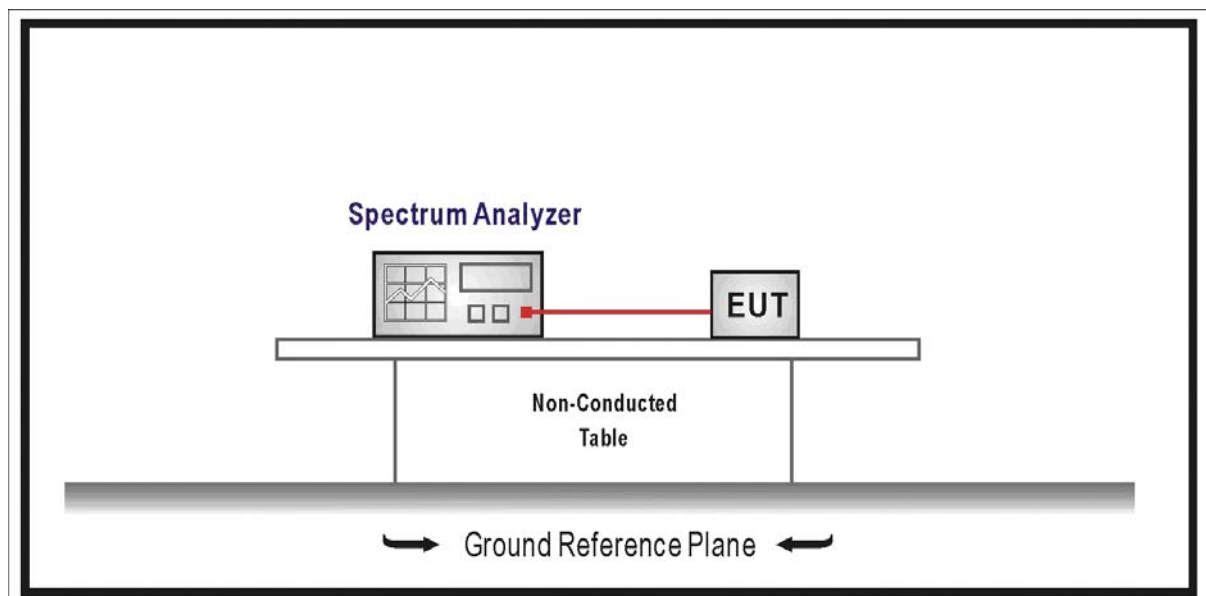
6. Power Output

6.1. 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

6.2. Test Setup



6.3. Limit

- (1) For the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed the lesser of 50 mW or 4 dBm + 10log B, where B is the 26 dB emission bandwidth in MHz. If transmitting antenna of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
- (2) For the band 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10log B, where B is the 26 dB emission bandwidth in megahertz. If transmitting antenna of directional gain greater than 6 dBi are used,

the maximum conducted output power shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.

- (3) For the band 5.725-5.825 GHz, the maximum conducted output power over the frequency band of operation shall not exceed the lesser of 1 W or $17 \text{ dBm} + 10\log B$, where B is the 26 dB emission bandwidth in MHz. If transmitting antenna of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain up to 23 dBi without any corresponding reduction in the transmitter peak output power. For fixed, point-to-point U-NII transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in peak transmitter power for each 1 dB of antenna gain in excess of 23 dBi would be required.

6.4. Test Procedure

According to the FCC Measurement Techniques: FCC Public Notice DA 02-2138, August 30, 2002

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

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

integration can be performed using the spectrum analyzer's band power measurement function with band limits set equal to the EBW band edges or by summing power levels in each 1 MHz band in linear power terms. The 1 MHz band power levels to be summed can be obtained by averaging, in linear power terms, power levels in each frequency bin across the 1 MHz.

6.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

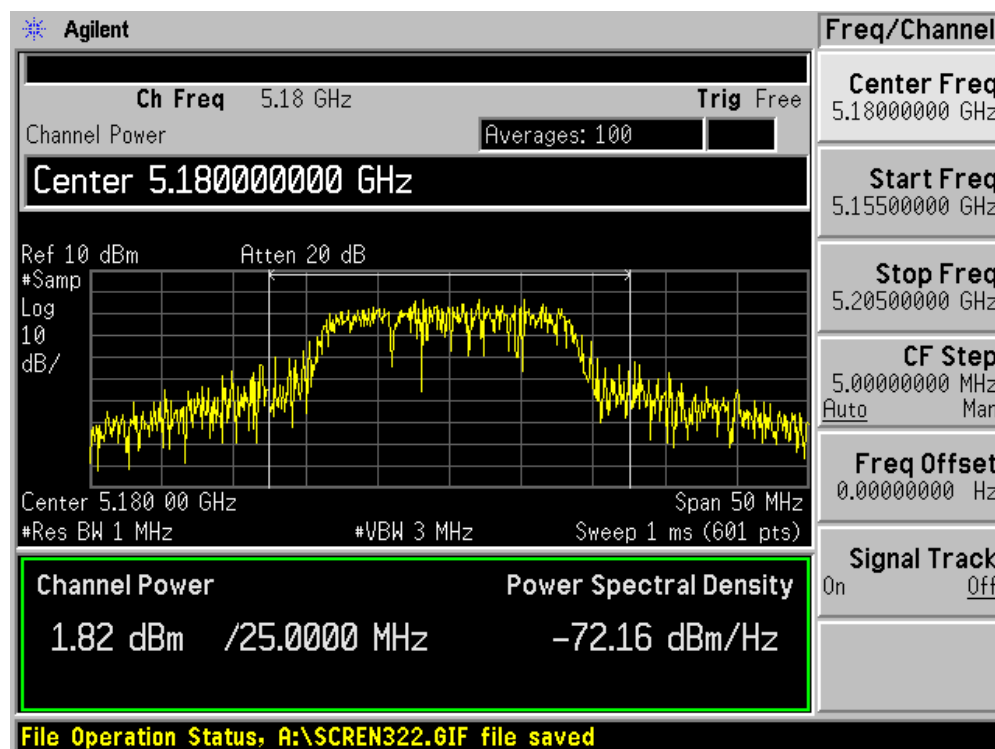
6.6. Test Result

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

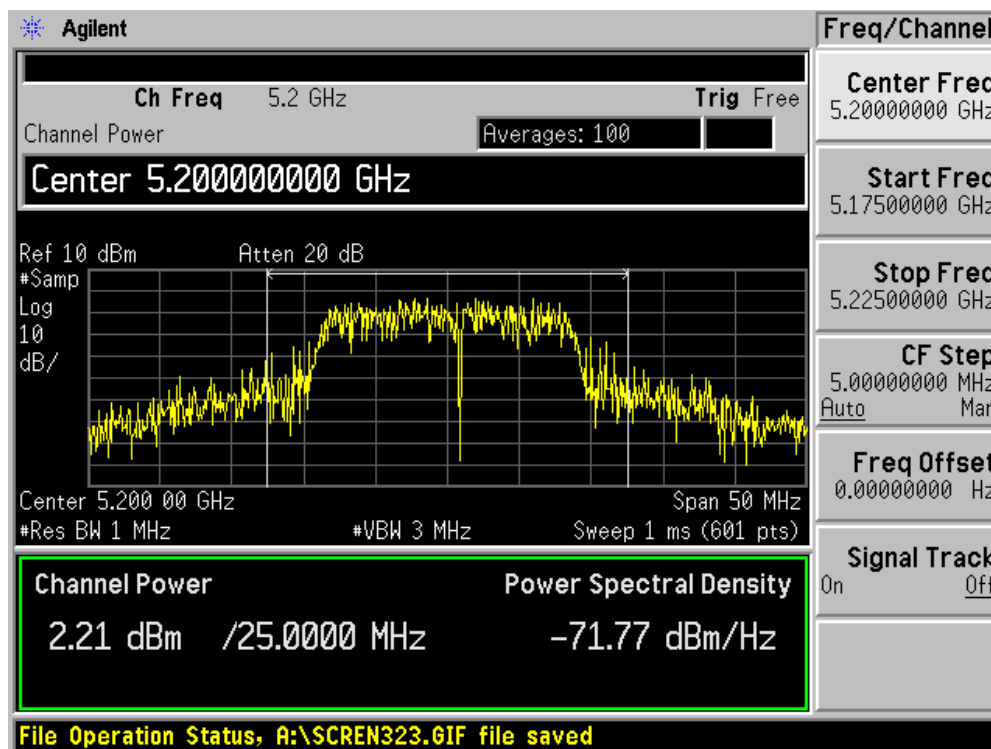
Add an 10dB Attenuator					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement Power (dBm)	Required Limit (dBm)	Result
01	5180.00	1.82	11.82	17 or 4dBm+10log B	Pass
02	5200.00	2.21	12.21	17 or 4dBm+10log B	Pass
04	5240.00	2.83	12.83	17 or 4dBm+10log B	Pass

Note: where B is the 26 dB emission bandwidth in MHz.

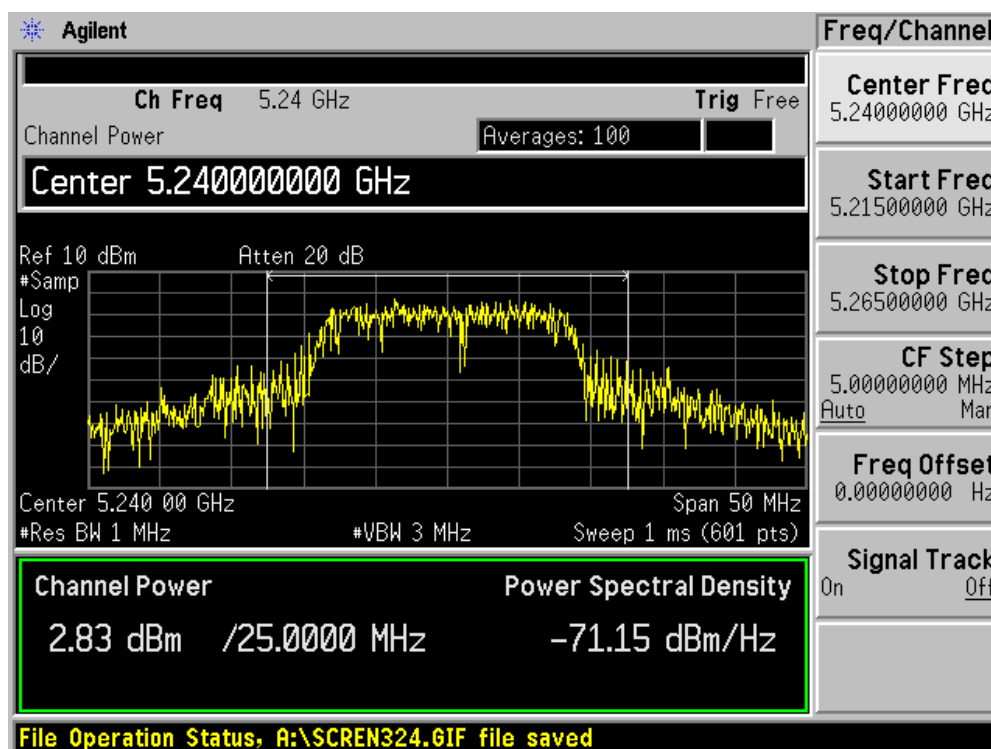
Channel 01 (5180MHz)



Channel 02 (5200MHz)



Channel 04 (5240MHz)

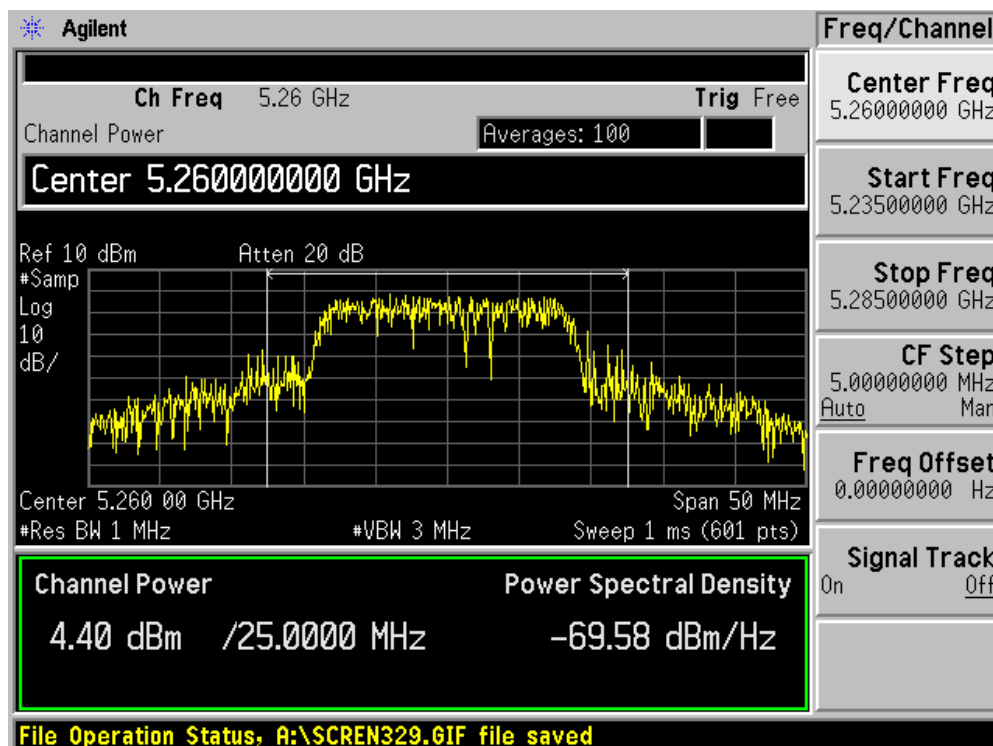


Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Power Output
Test Site	:	AC-3
Test Mode	:	Mode 1: Transmit by 802.11a

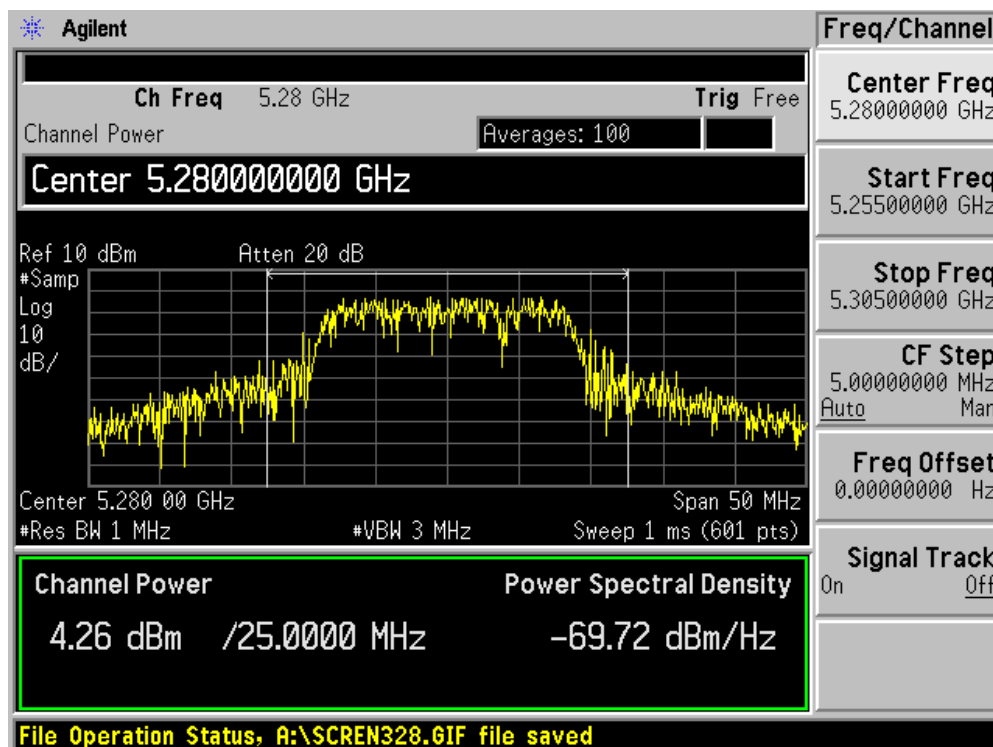
Add an 10dB Attenuator					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement Power (dBm)	Required Limit (dBm)	Result
05	5260.00	4.40	14.40	24 or 11dBm+10log B	Pass
06	5280.00	4.26	14.26	24 or 11dBm+10log B	Pass
08	5320.00	4.33	14.33	24 or 11dBm+10log B	Pass

Note: where B is the 26 dB emission bandwidth in MHz.

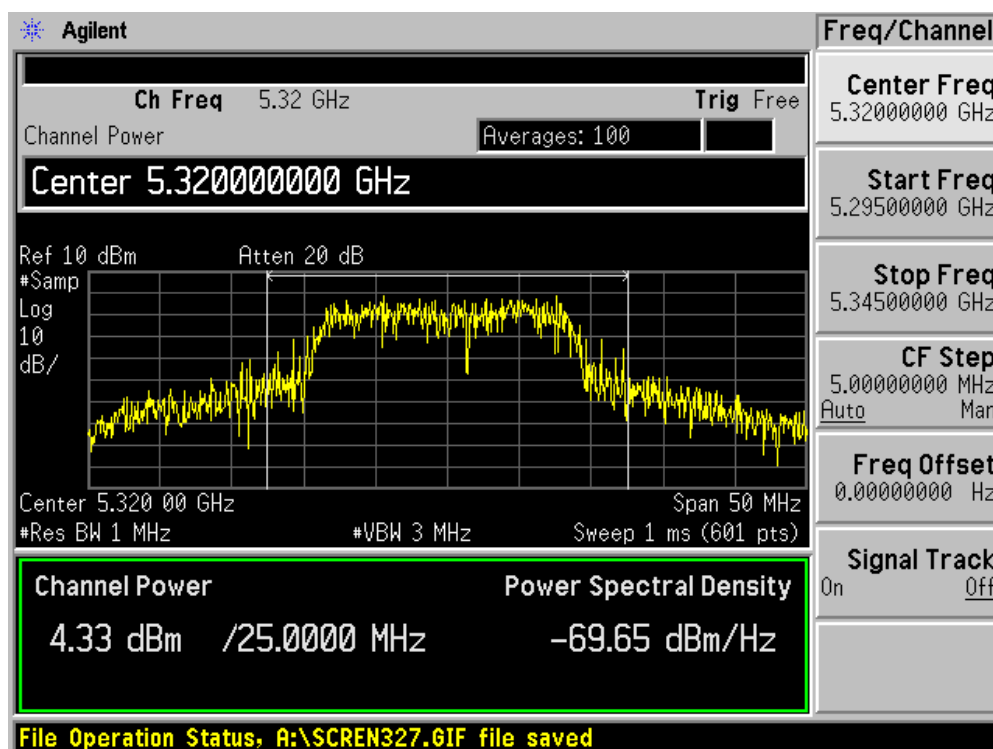
Channel 05 (5260MHz)



Channel 06 (5280MHz)



Channel 08 (5320MHz)

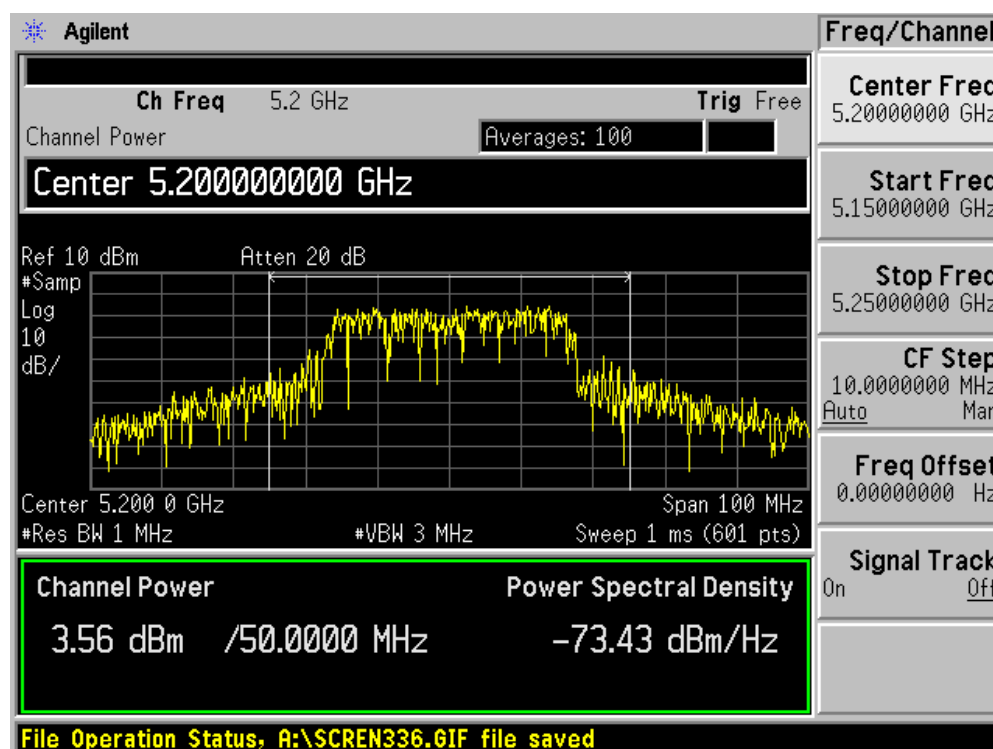


Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Power Output
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by Super 802.11a

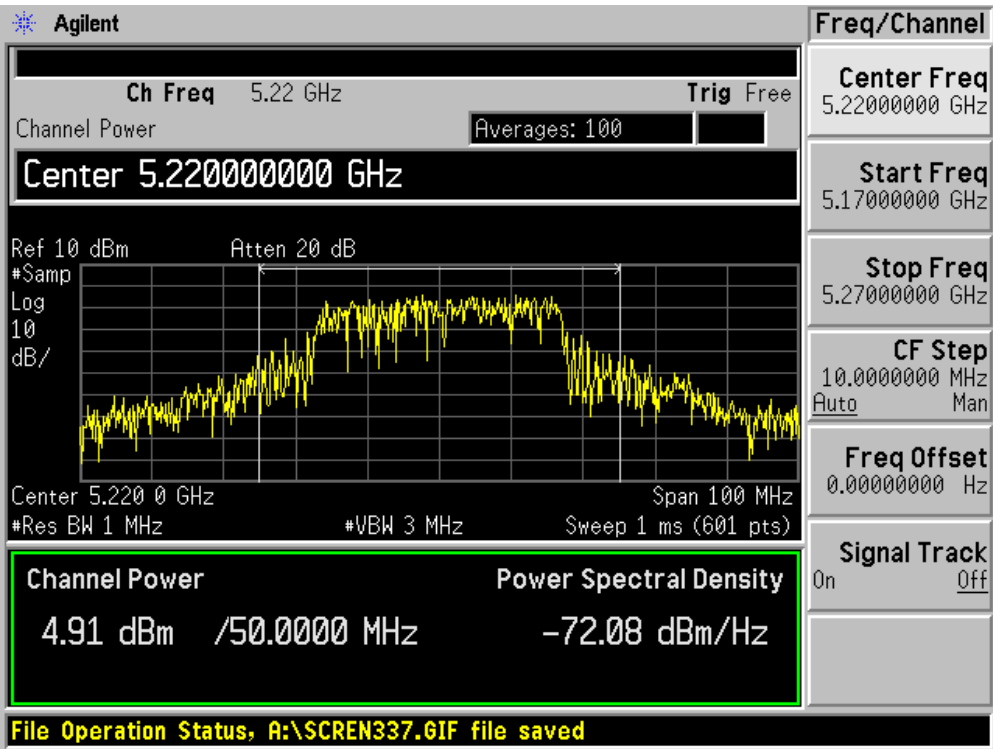
Add an 10dB Attenuator					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement Power (dBm)	Required Limit (dBm)	Result
02	5200.00	3.56	13.56	17 or 4dBm+10log B	Pass
03	5220.00	4.91	14.91	17 or 4dBm+10log B	Pass

Note: where B is the 26 dB emission bandwidth in MHz.

Channel 02 (5200MHz)



Channel 03 (5220MHz)

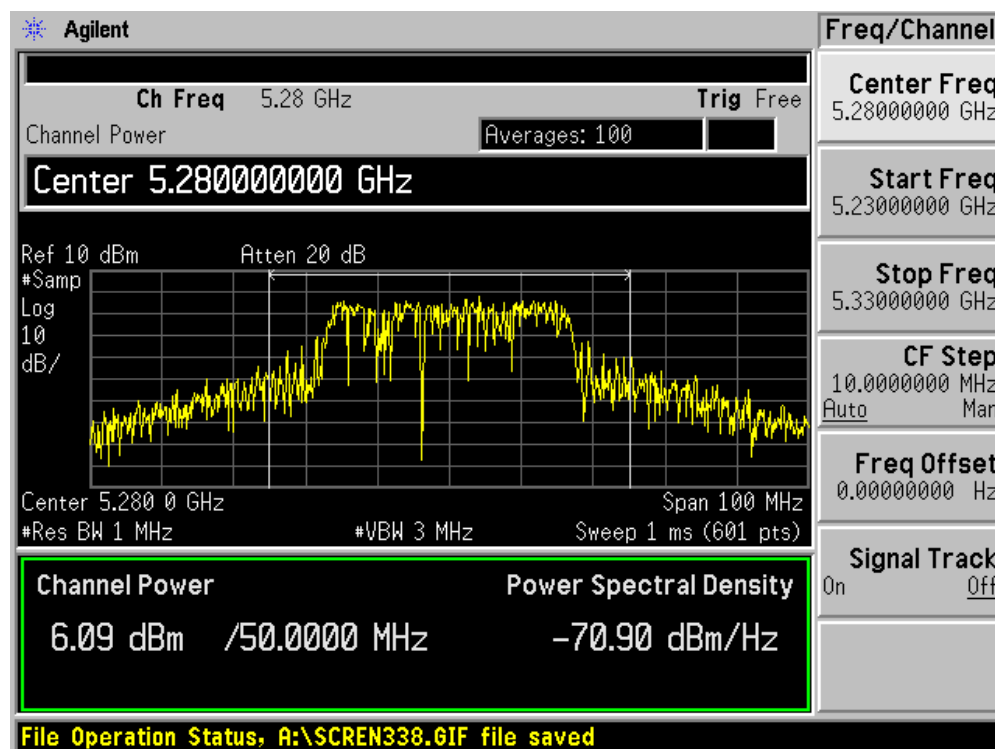


Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Power Output
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by Super 802.11a

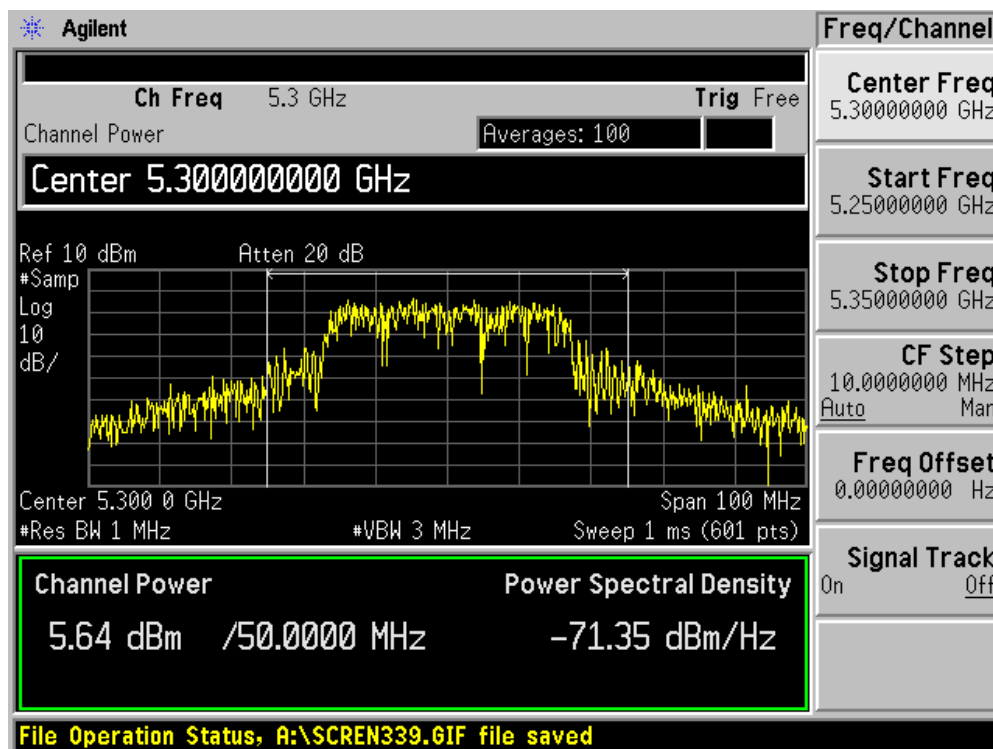
Add an 10dB Attenuator					
Channel No.	Frequency (MHz)	Reading Level (dBm)	Measurement Power (dBm)	Required Limit (dBm)	Result
06	5280.00	6.09	16.09	24 or 11dBm+10log B	Pass
07	5300.00	5.64	15.64	24 or 11dBm+10log B	Pass
08	5320.00	5.49	15.49	24 or 11dBm+10log B	Pass

Note: where B is the 26 dB emission bandwidth in MHz.

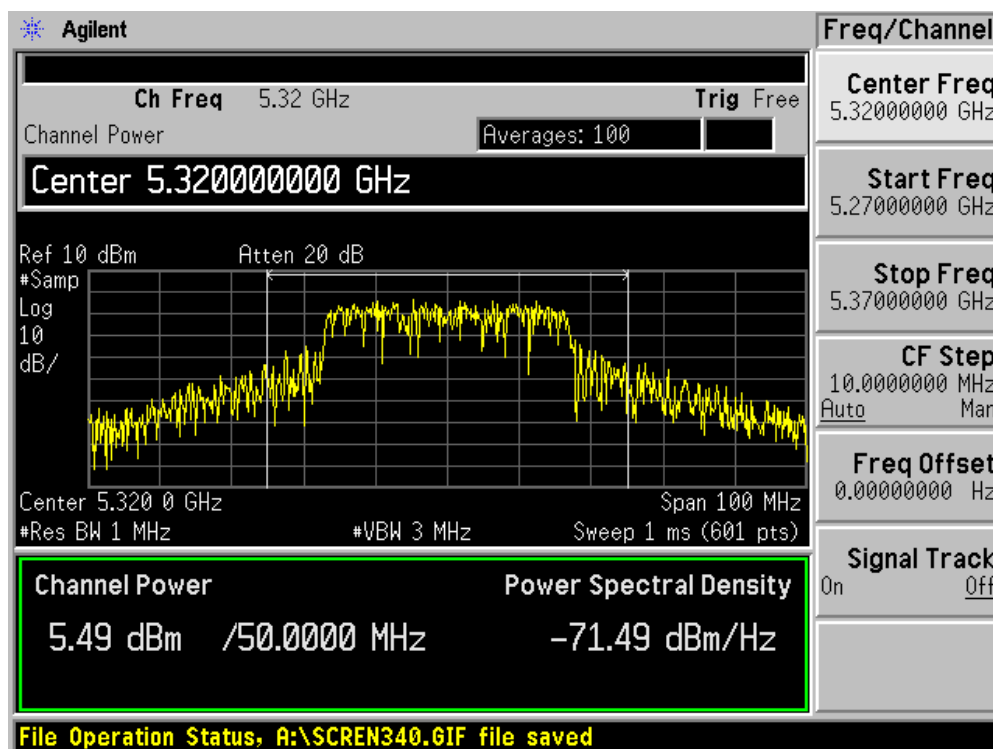
Channel 06 (5280MHz)



Channel 07 (5300MHz)



Channel 08 (5320MHz)



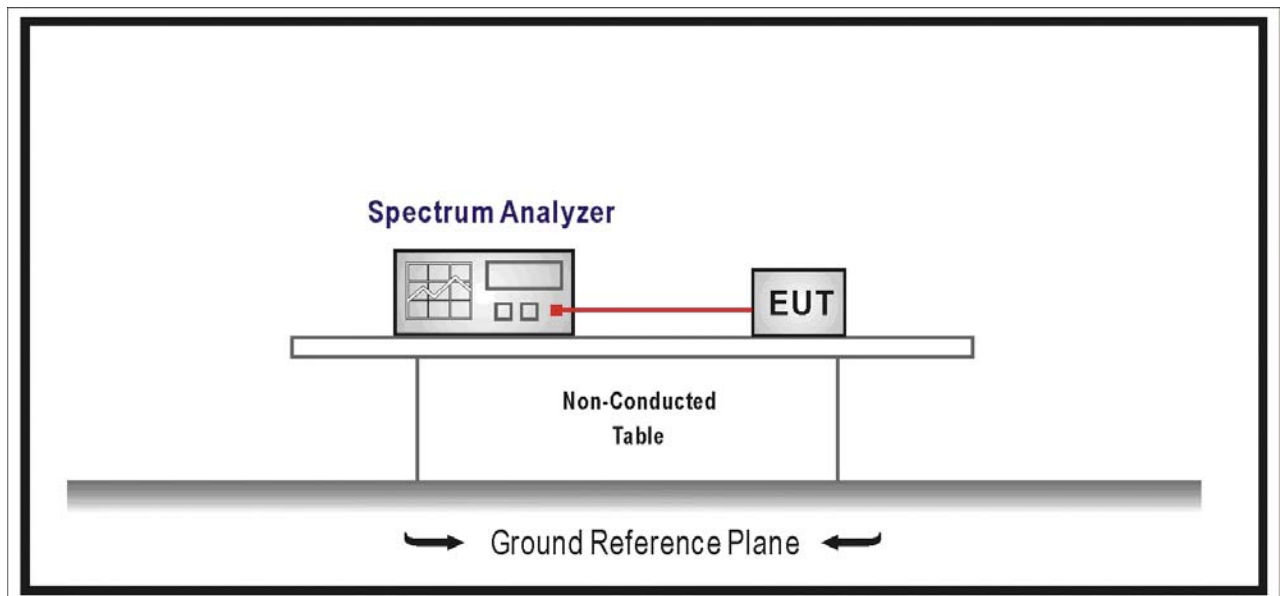
7. Peak Power Spectral Density

7.1. Test Equipment

Peak 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

7.2. Test Setup



7.3. Limit

1. For the band 5.15-5.25 GHz, the peak power spectral density shall not exceed 4 dBm in any 1 - MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
2. For the band 5.25-5.35 GHz and 5.47-5.725 GHz bands, the peak power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
3. For the band 5.725-5.825 GHz, the peak power spectral density shall not exceed 17 dBm in any 1 - MHz band. If transmitting antenna of directional gain greater than 6

dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain up to 23 dBi without any corresponding reduction in the peak power spectral density. For fixed, point-to-point U-NII transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in peak power spectral density for each 1 dB of antenna gain in excess of 23 dBi would be required.

7.4. Test Procedure

According to the FCC Measurement Techniques: FCC Public Notice DA 02-2138, August 30, 2002

Use peak detector mode and max hold. Set RBW= 1MHz* and VBW > 1 MHz. The PPSD is the highest level found across the emission in any 1-MHz band.

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	:	Peak Power Spectral Density
Test Site	:	AC-3
Test Mode	:	Mode 1: Transmit by 802.11a

Channel	Frequency (MHz)	Power Spectral Density (dBm/1MHz)	Limit (dBm/1MHz)	Result
01	5180	3.51	4	Pass
02	5200	3.83	4	Pass
04	5240	3.66	4	Pass

Figure Channel 01 (5180MHz)

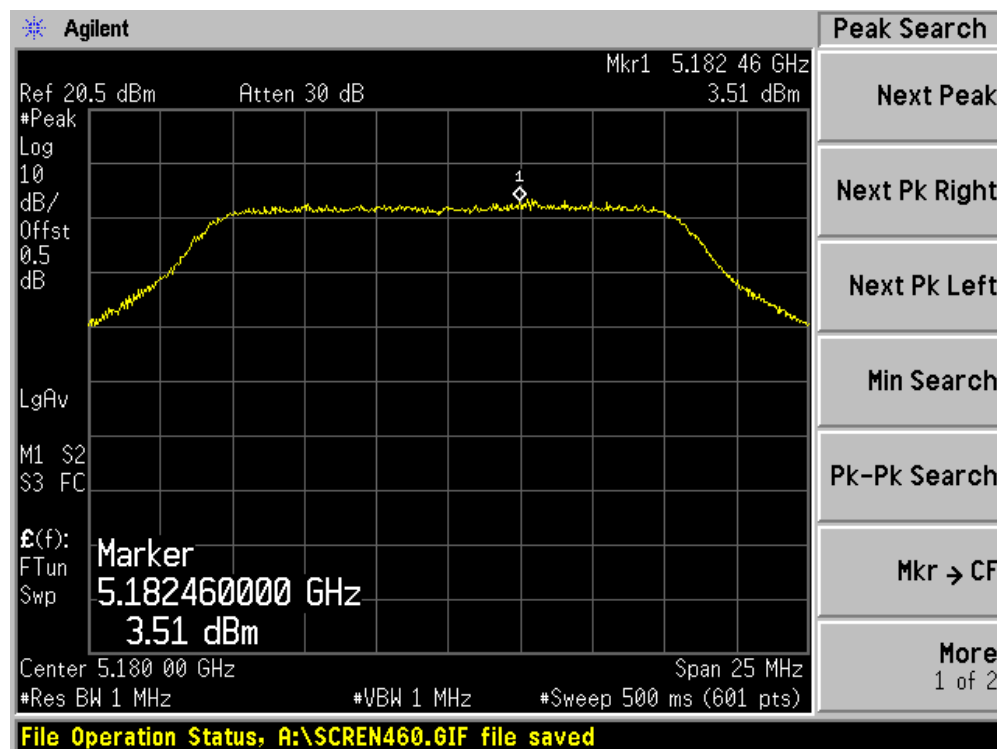


Figure Channel 02 (5200MHz)

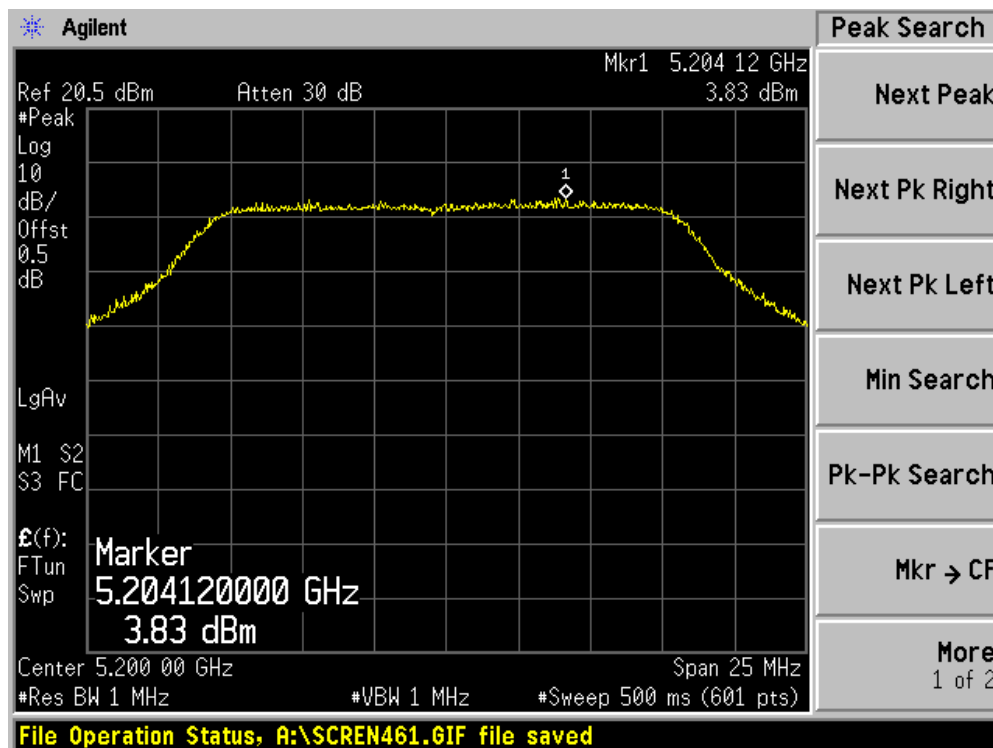
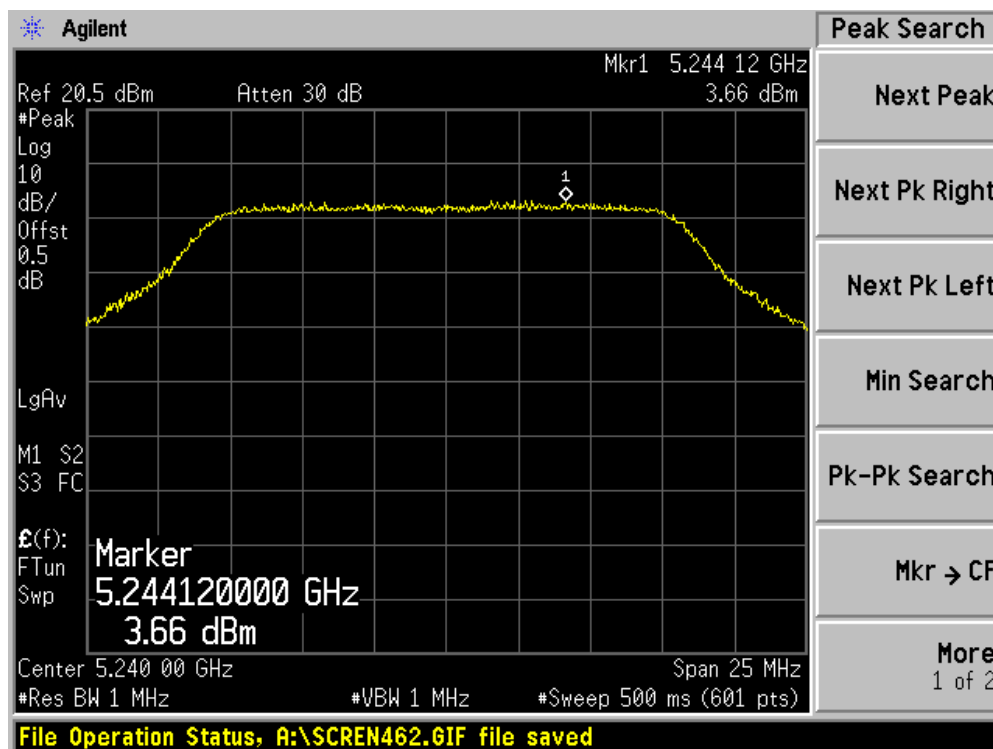


Figure Channel 04 (524MHz)



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/1MHz)	Limit (dBm/1MHz)	Result
05	5260	6.89	11	Pass
06	5280	7.16	11	Pass
08	5320	7.14	11	Pass

Figure Channel 05 (5260MHz)

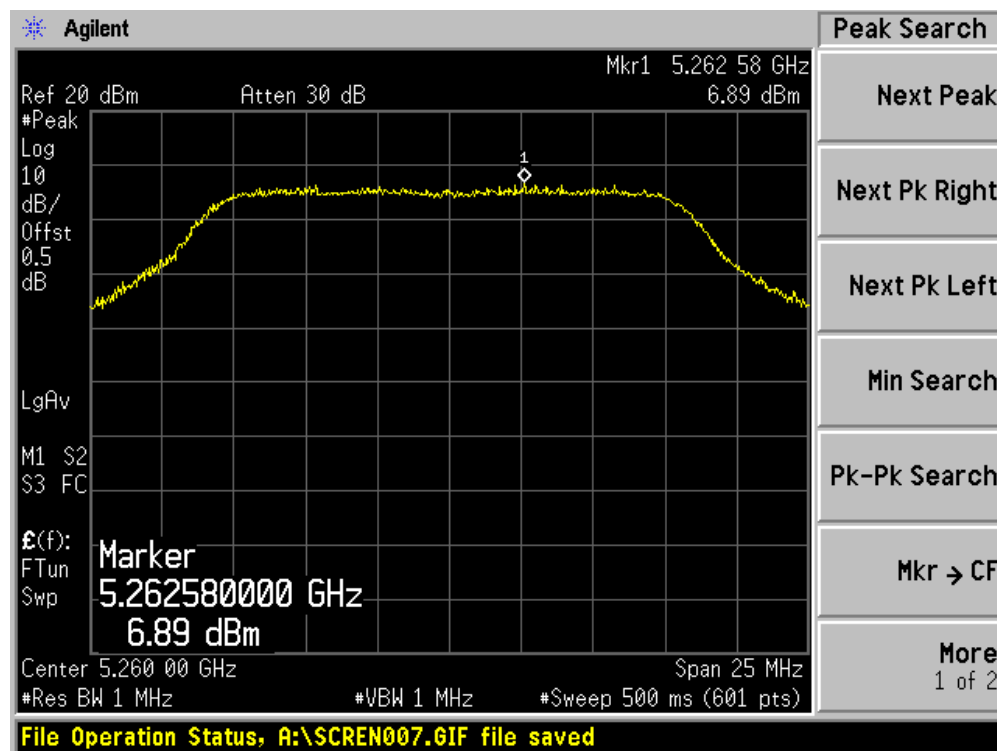


Figure Channel 06 (5280MHz)

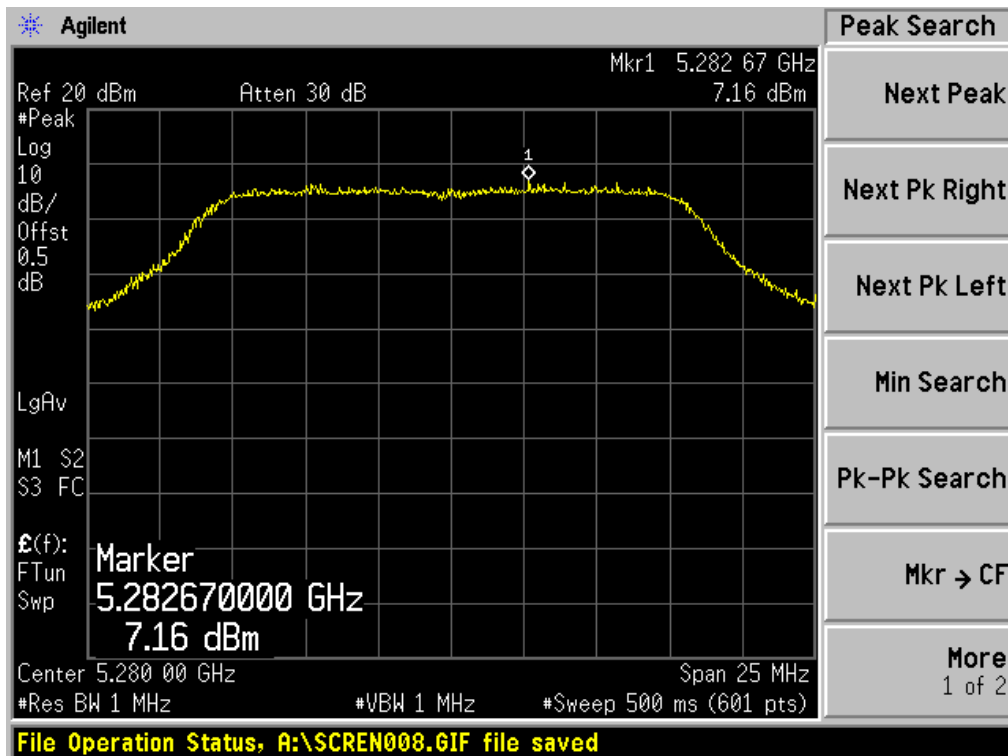
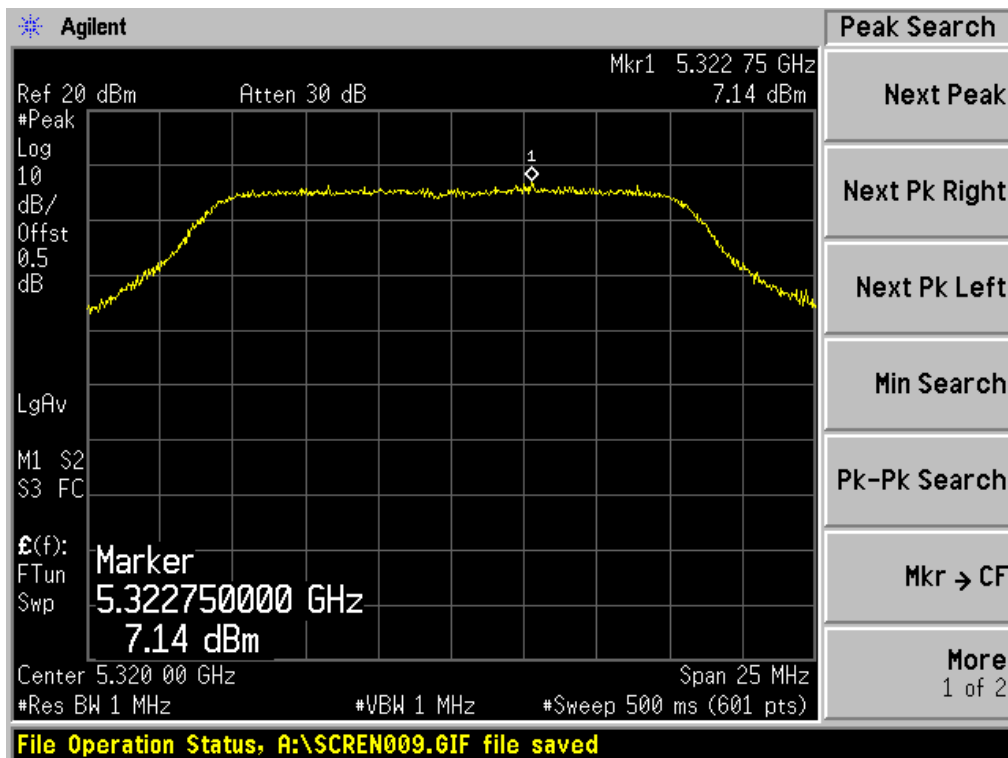


Figure Channel 08 (5320MHz)



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

Channel	Frequency (MHz)	Power Spectral Density (dBm/1MHz)	Limit (dBm/1MHz)	Result
02	5200	2.84	4	Pass
03	5220	2.89	4	Pass
04	5240	3.32	4	Pass

Figure Channel 02 (5200MHz)

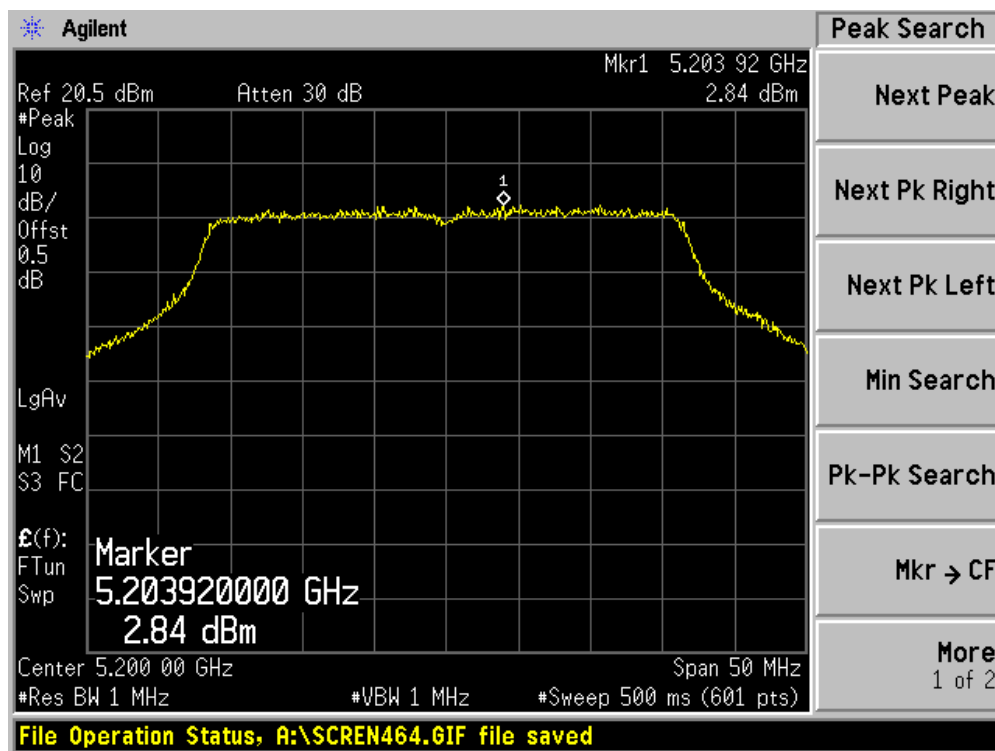


Figure Channel 03 (5220MHz)

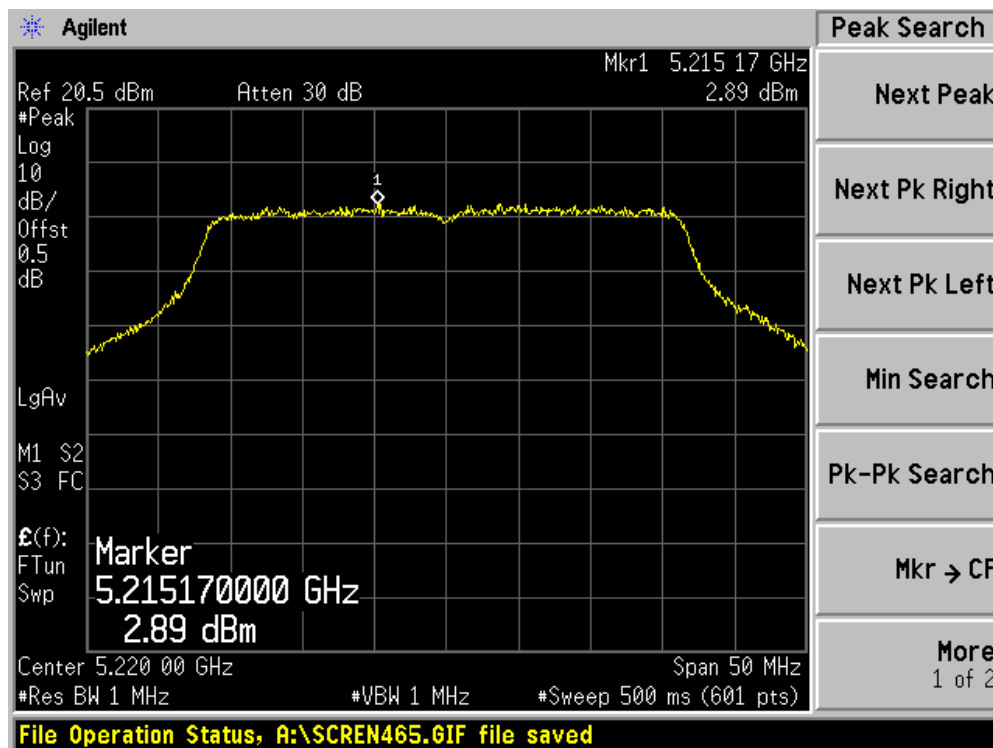
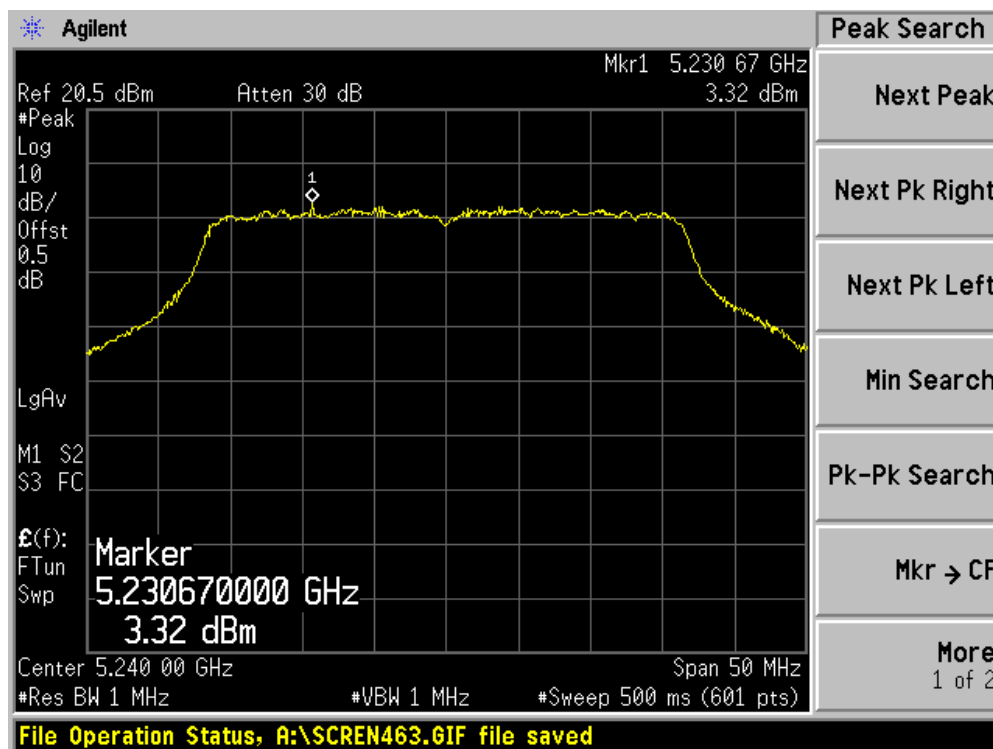


Figure Channel 04 (5240MHz)



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

Channel	Frequency (MHz)	Power Spectral Density (dBm/1MHz)	Limit (dBm/1MHz)	Result
05	5260	5.15	11	Pass
06	5280	6.25	11	Pass
08	5320	6.16	11	Pass

Figure Channel 05 (5260MHz)

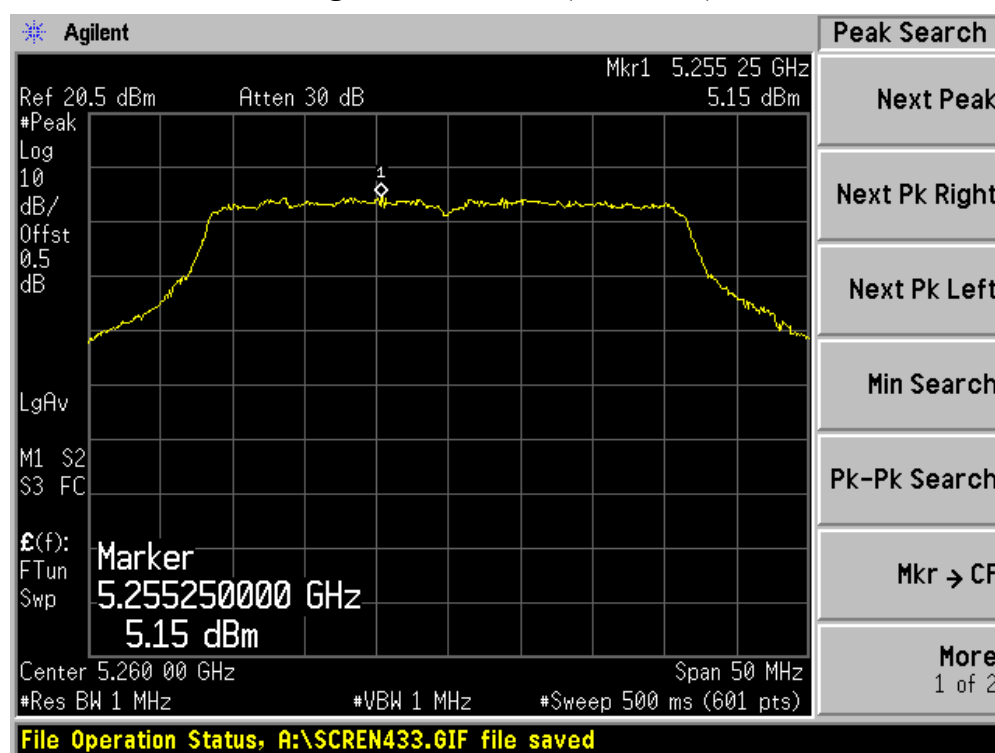


Figure Channel 06 (5280MHz)

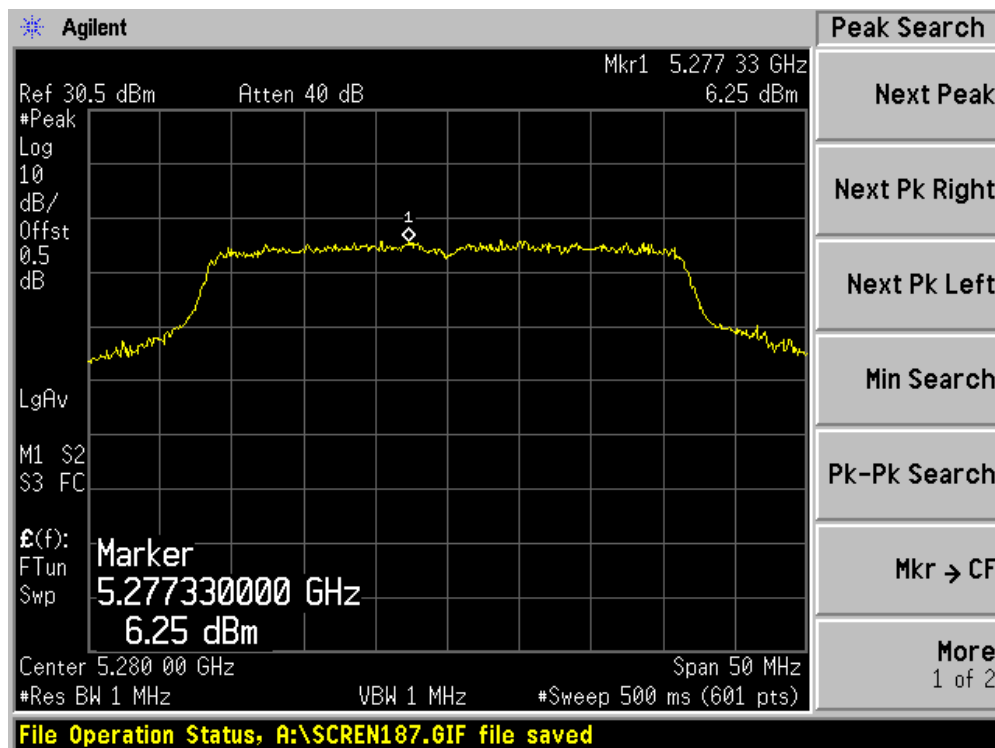
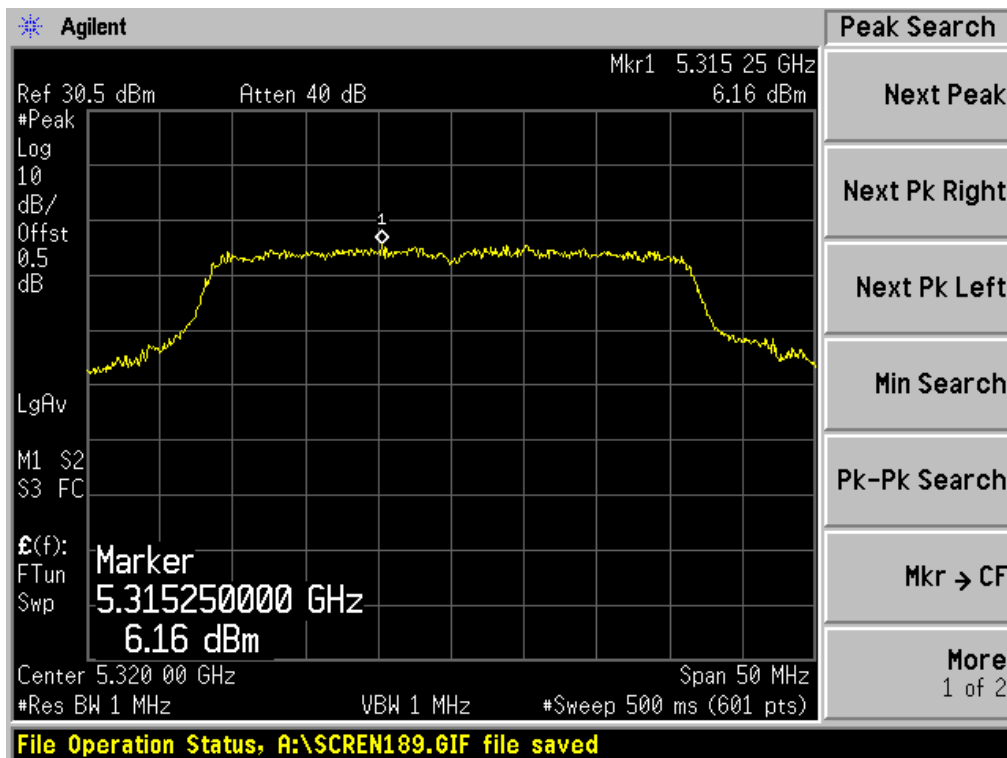


Figure Channel 08 (5320MHz)



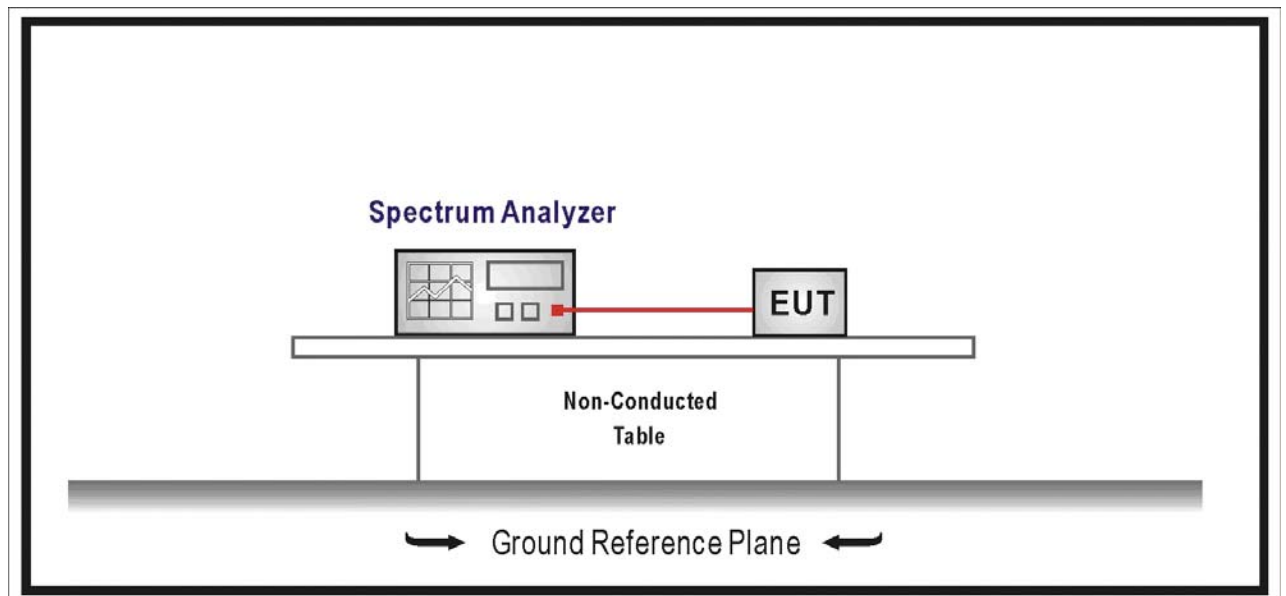
8. Peak Excursion

8.1. Test Equipment

Peak Excursion / 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

The ratio of the peak excursion of the modulation envelope (measured using a peak hold function) to the maximum conducted output power (measured as specified above) shall not exceed 13 dB across any 1 MHz bandwidth or the emission bandwidth whichever is less.

8.4. Test Procedure

According to the FCC Measurement Techniques: FCC Public Notice DA 02-2138, August 30, 2002

Set the spectrum analyzer span to view the entire emission bandwidth. The largest

difference between the following two traces must be ≤ 13 dB for all frequencies across the emission bandwidth. Submit a plot.

1st Trace:

- Set RBW = 1 MHz, VBW ≥ 3 MHz with peak detector and maxhold settings.

2nd Trace:

- Set RBW = 1 MHz, VBW = 10 Hz with peak detector and maxhold settings.

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	:	Peak Excursion
Test Site	:	AC-3
Test Mode	:	Mode 1: Transmit by 802.11a

Channel	Frequency (MHz)	Peak Excursion (dBm)	Limit (dBm)	Result
01	5180	10.83	13	Pass
02	5200	10.22	13	Pass
04	5240	11.29	13	Pass

Figure Channel 01 (5180MHz)

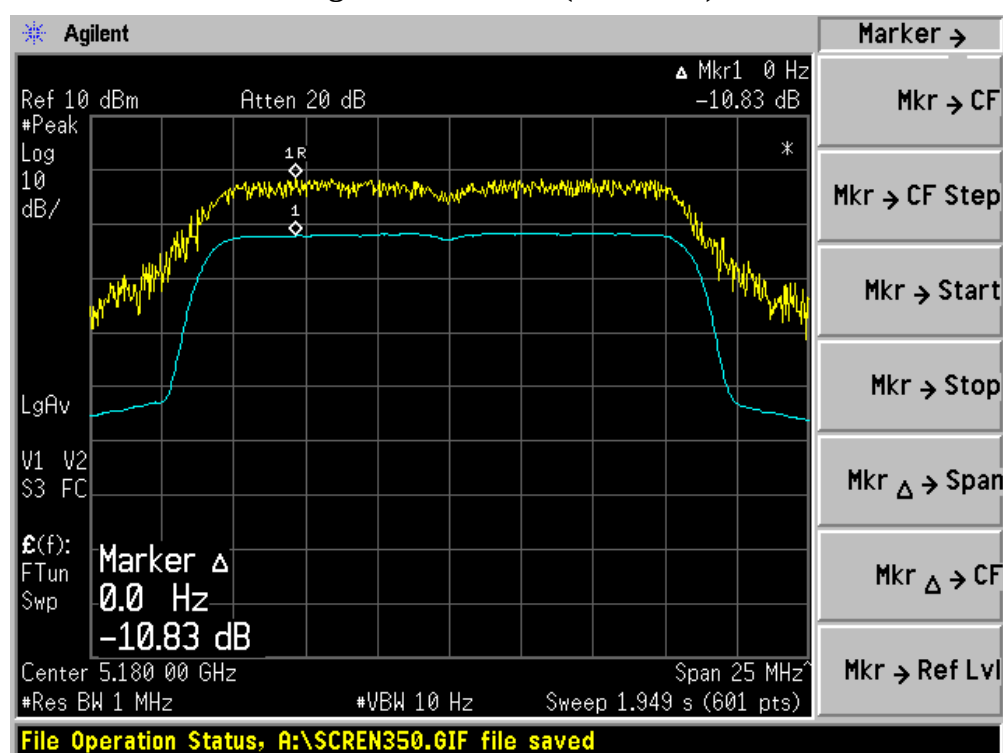


Figure Channel 02 (5200MHz)

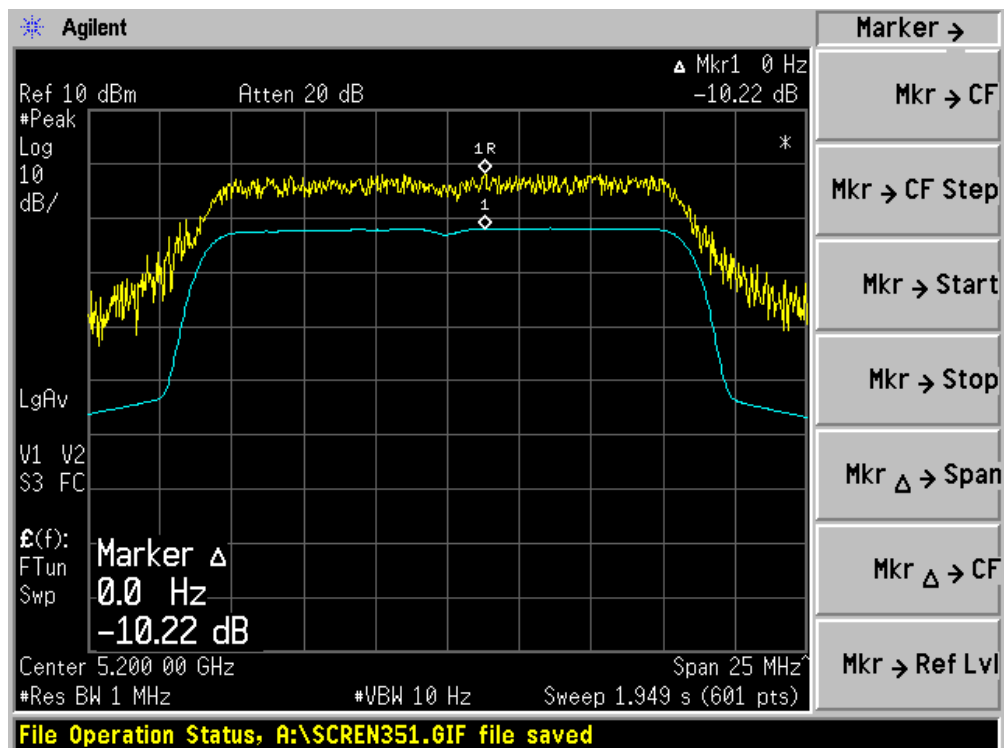
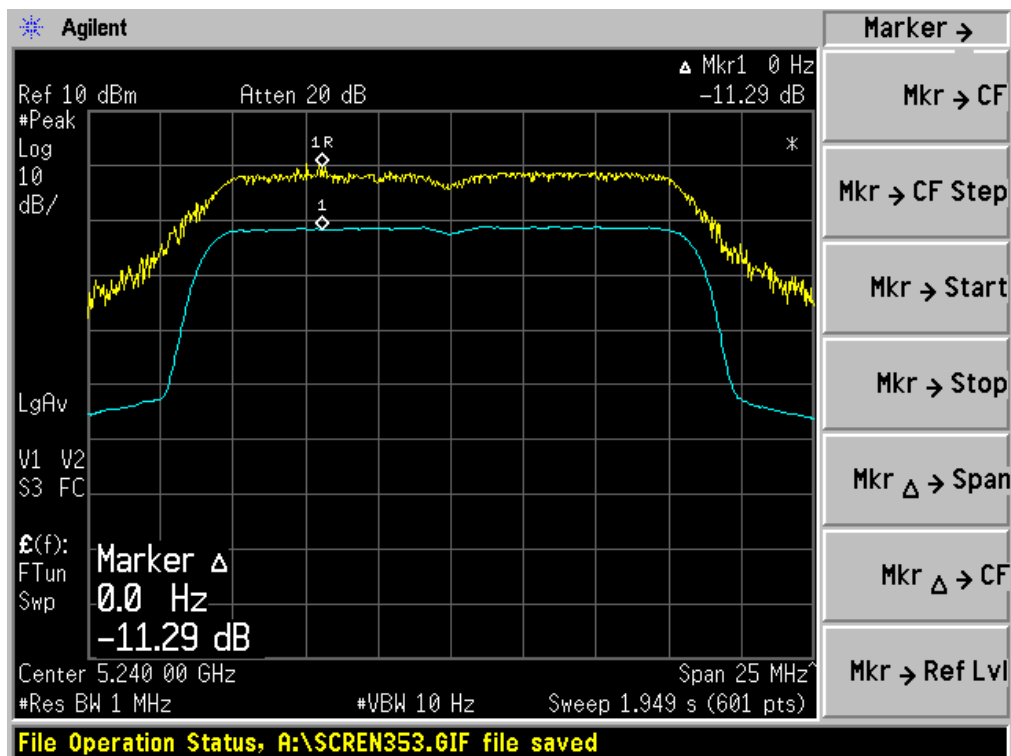


Figure Channel 04 (5240MHz)



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

Channel	Frequency (MHz)	Peak Excursion (dBm)	Limit (dBm)	Result
05	5260	11.45	13	Pass
06	5280	12.16	13	Pass
08	5320	11.58	13	Pass

Figure Channel 05 (5260MHz)

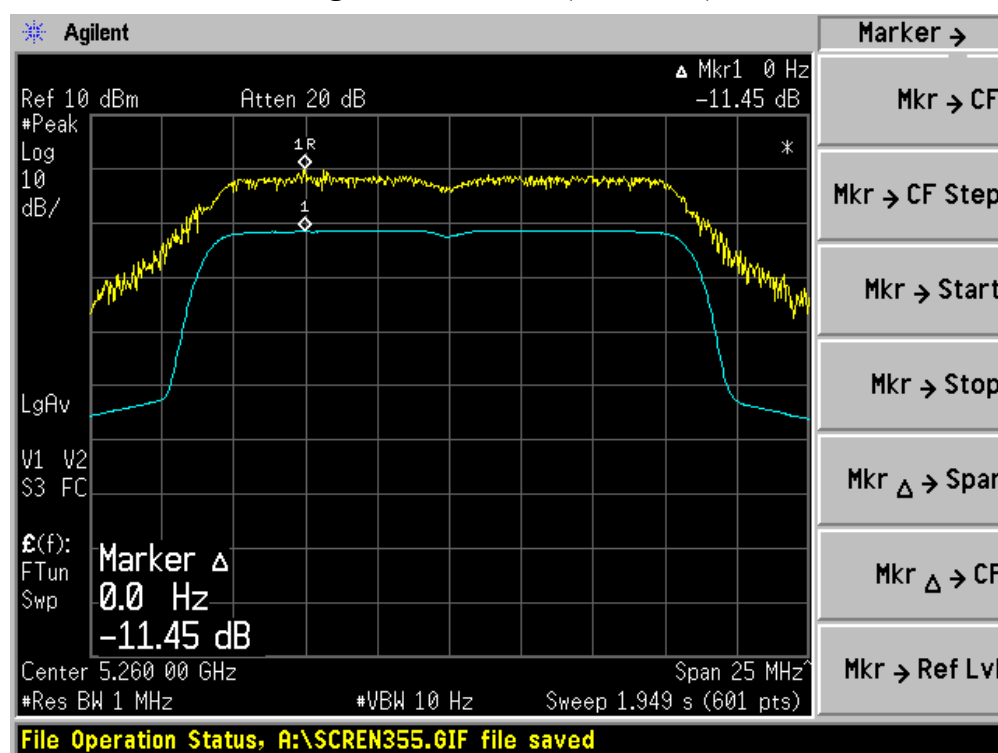


Figure Channel 06 (5280MHz)

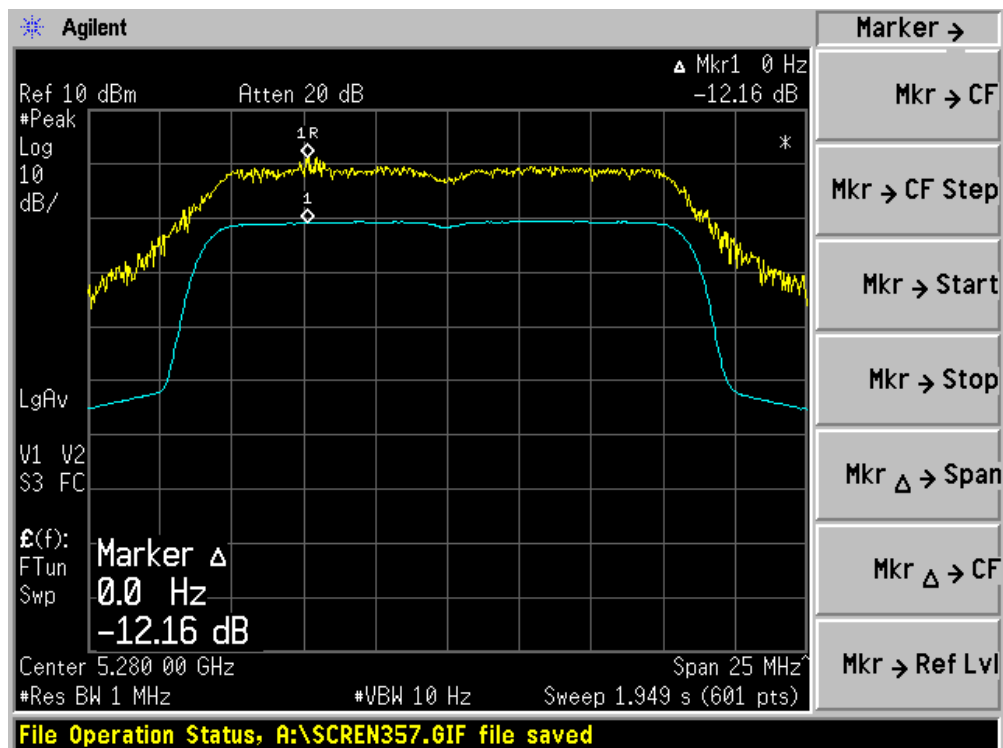
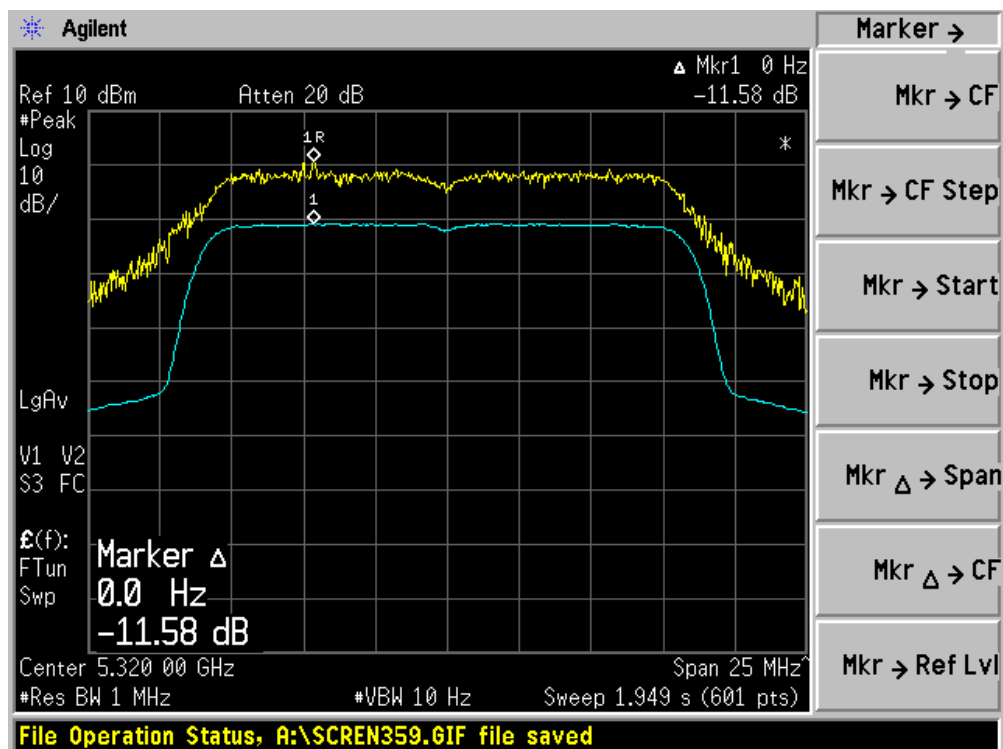


Figure Channel 08 (5320MHz)



Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Peak Excursion
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by Super 802.11a

Channel	Frequency (MHz)	Peak Excursion (dBm)	Limit (dBm)	Result
02	5200	10.14	13	Pass
03	5220	10.89	13	Pass

Figure Channel 02(5200MHz)

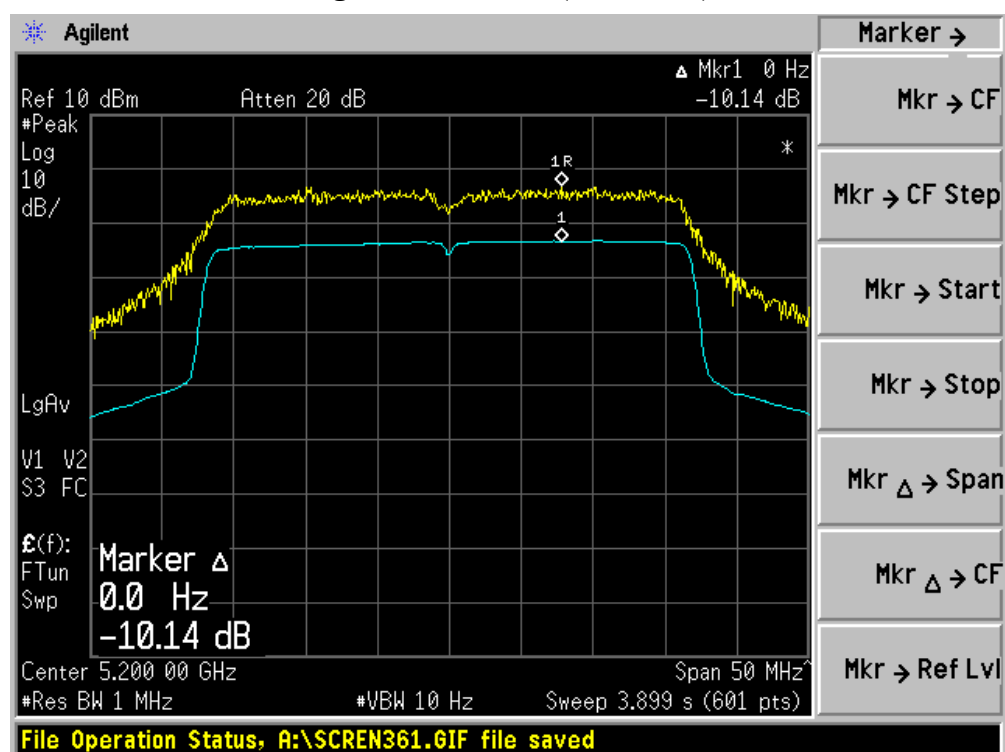
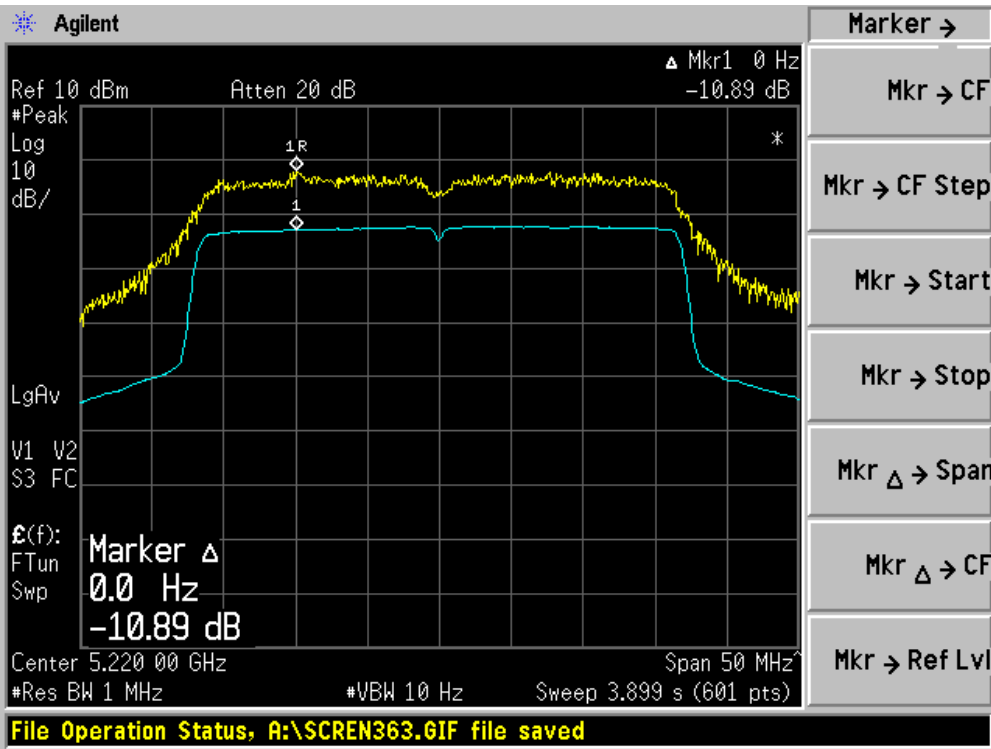


Figure Channel 03 (5220MHz)



Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Peak Excursion
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by Super 802.11a

Channel	Frequency (MHz)	Peak Excursion (dBm)	Limit (dBm)	Result
06	5280	10.95	13	Pass
07	5300	10.33	13	Pass
08	5320	10.90	13	Pass

Figure Channel 06 (5280MHz)

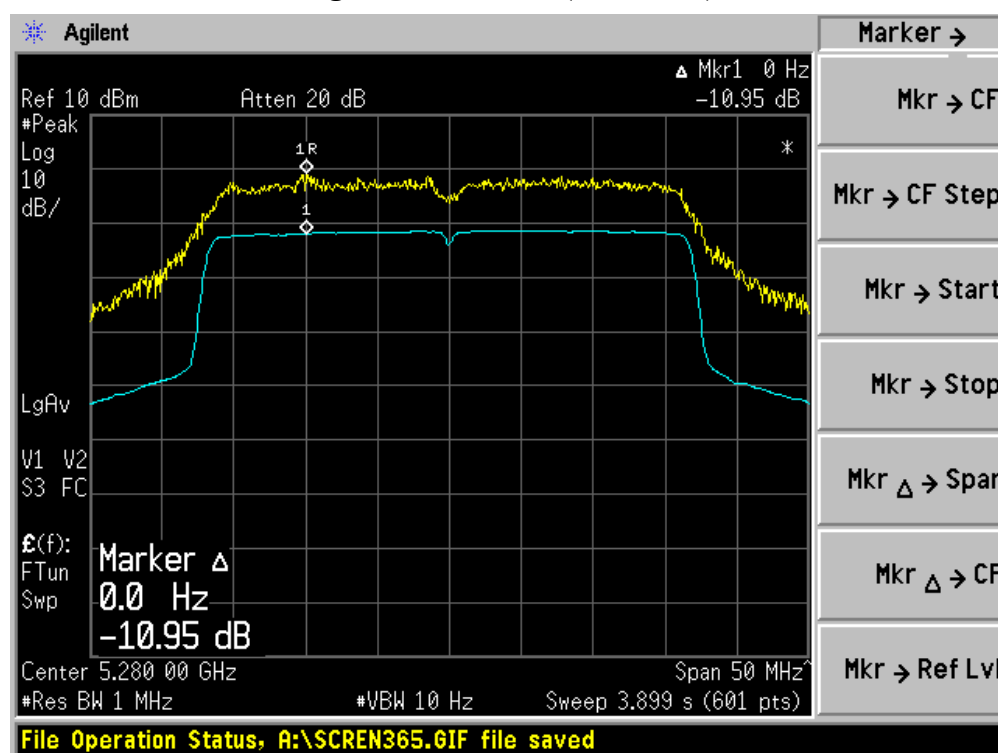


Figure Channel 07 (5300MHz)

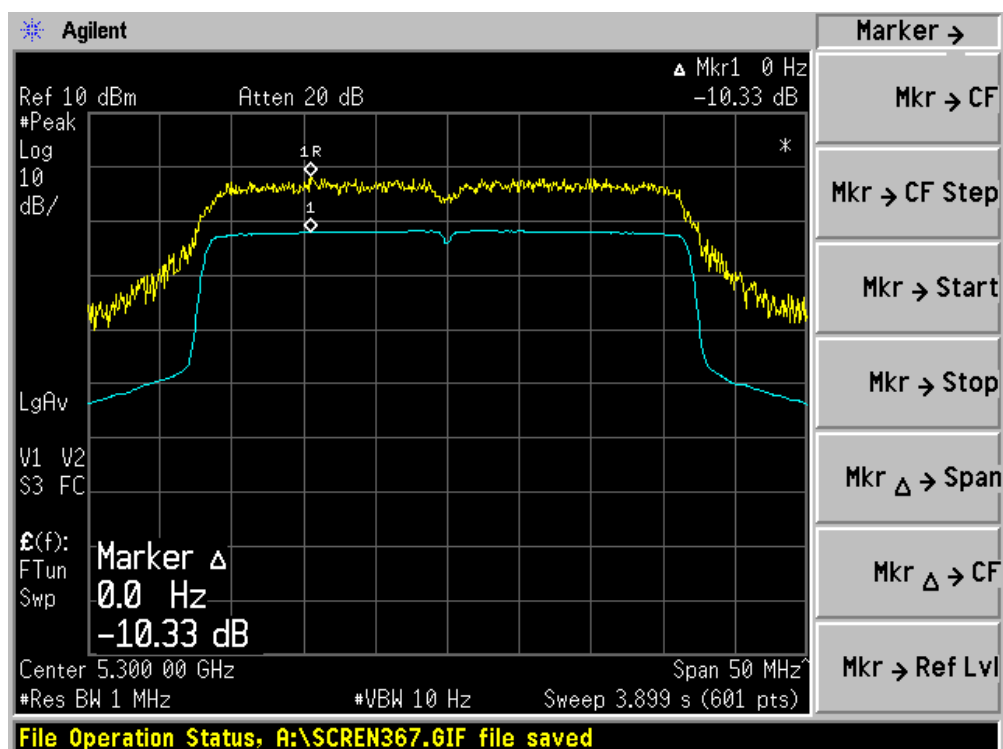
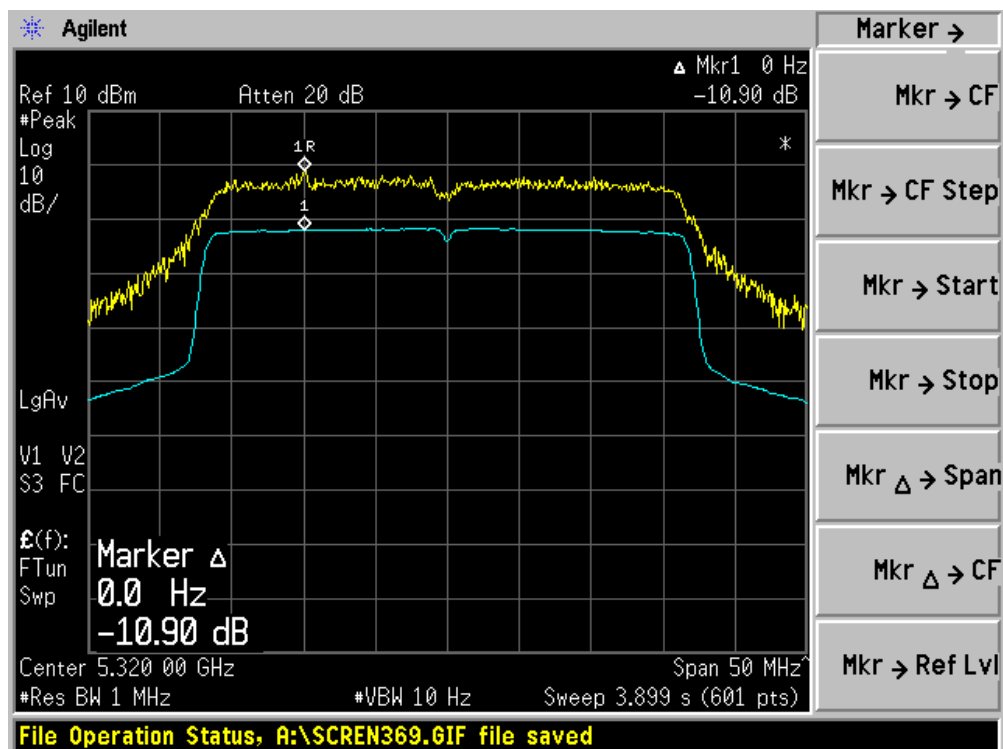


Figure Channel 08 (5320MHz)



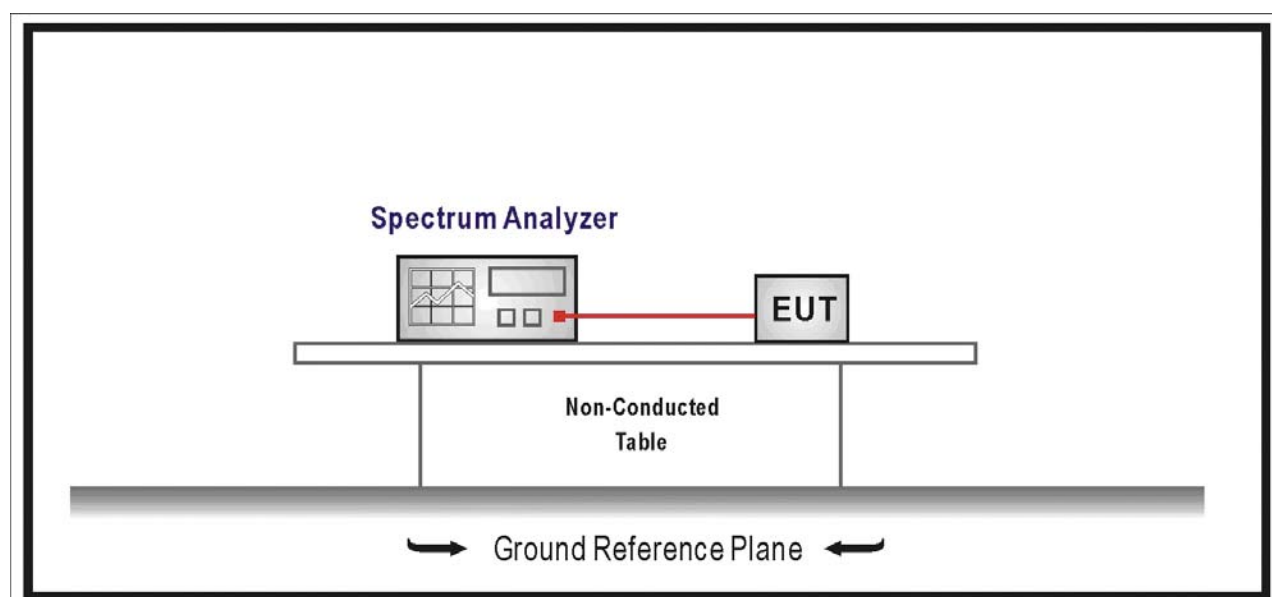
9. Frequency Range of 20dB Bandwidth

9.1. 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

9.2. Test Setup



9.3. 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.

9.4. Test Procedure

According to the FCC Measurement Techniques: FCC Public Notice DA 02-2138, August 30, 2002

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.

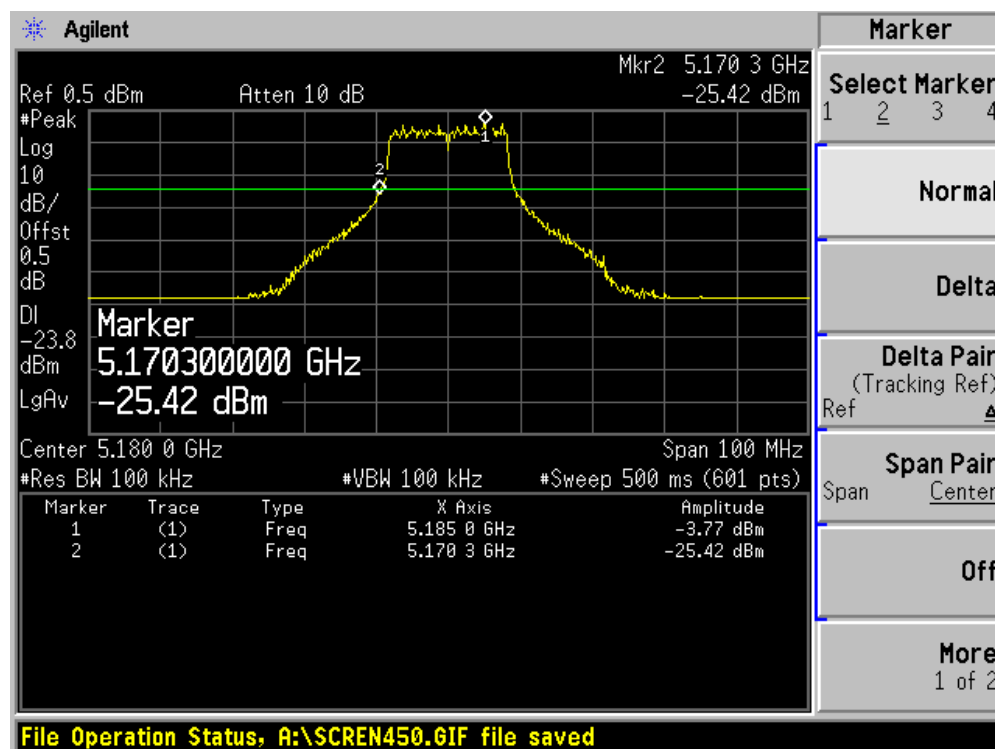
9.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

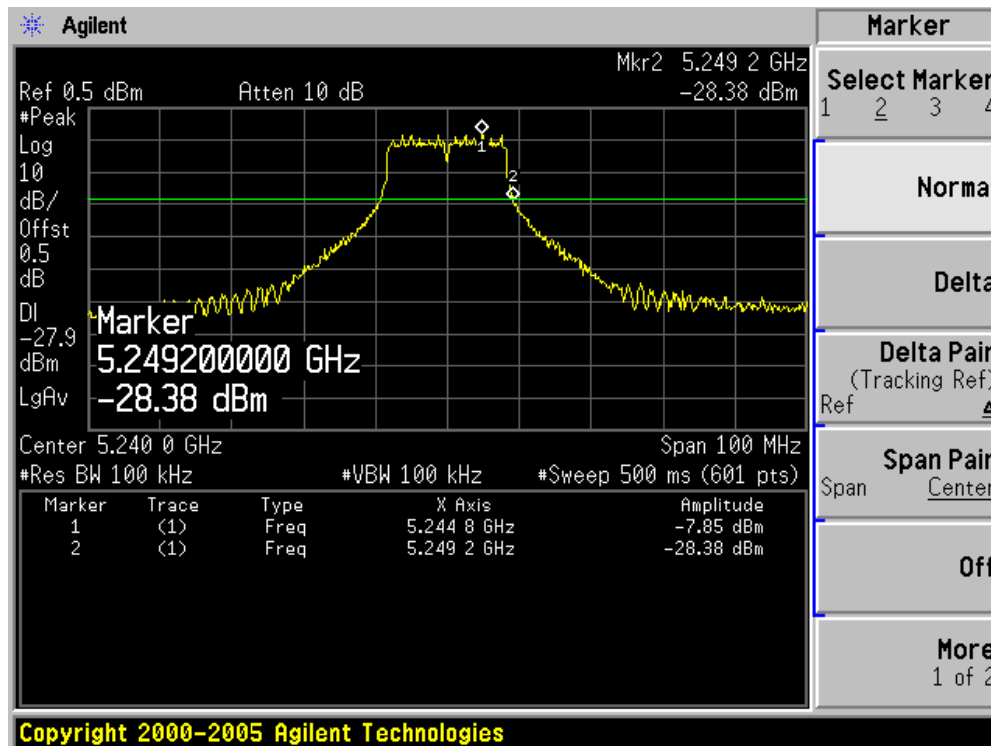
9.6. Test Result

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

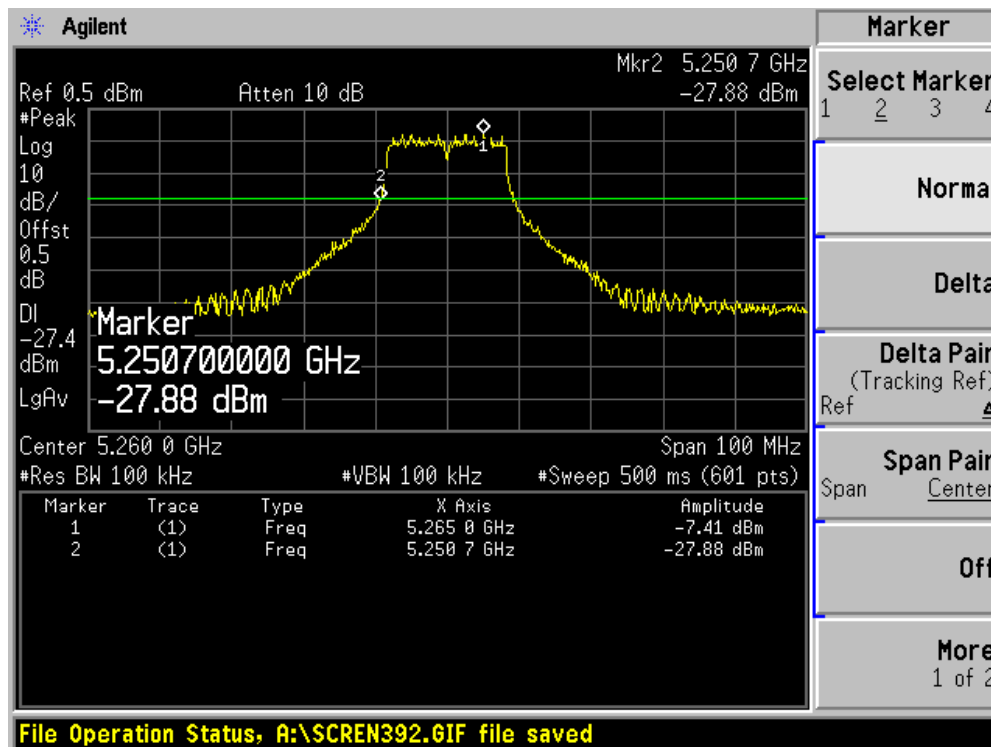
Channel 01 (5180MHz)



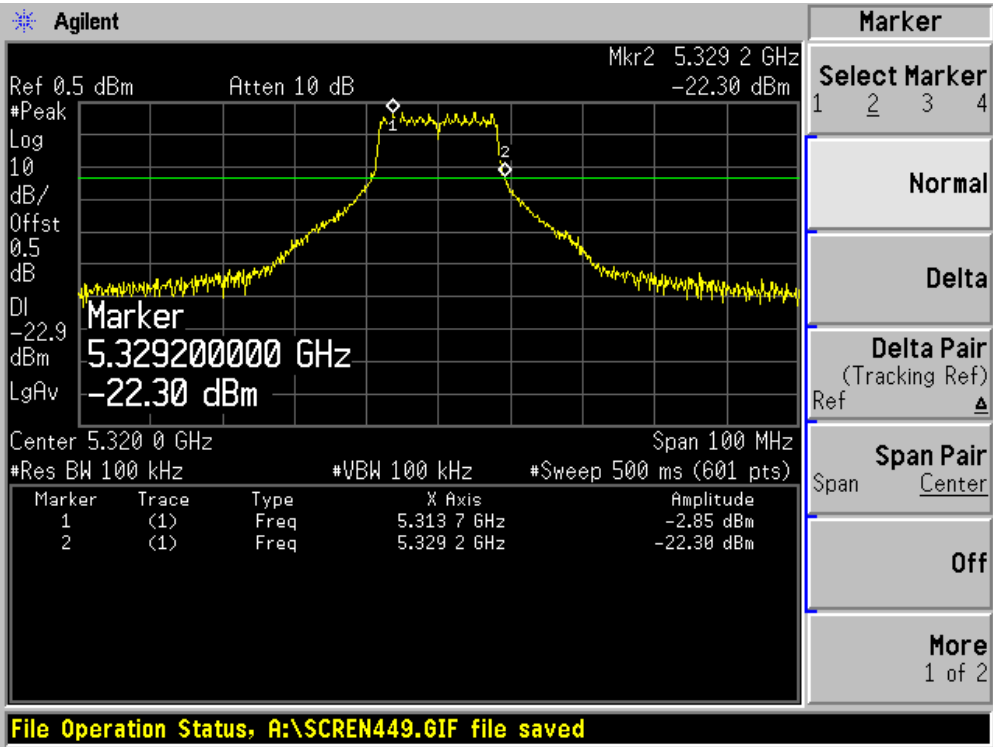
Channel 04 (5240MHz)



Channel 05 (5260MHz)

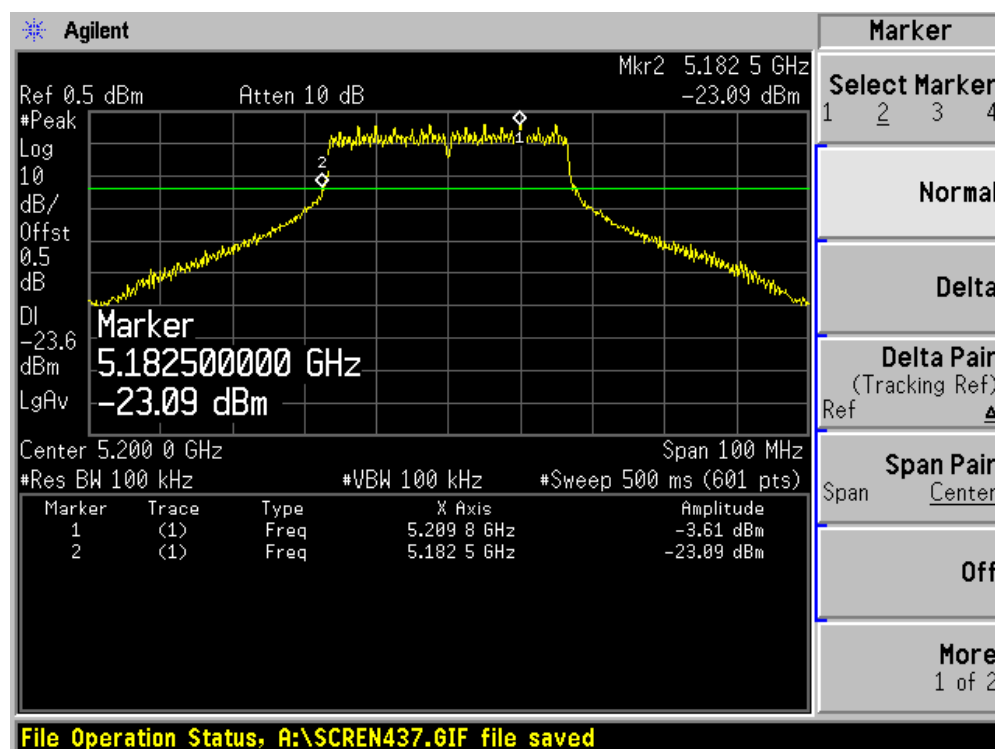


Channel 08 (5320MHz)

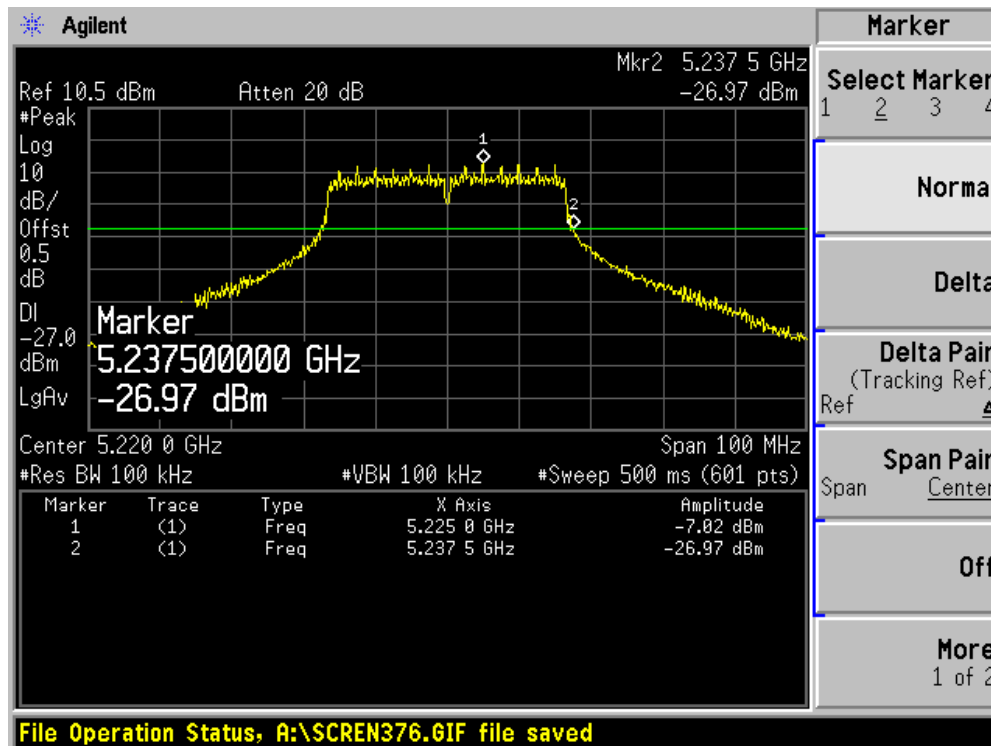


Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Frequency Range of 20dB Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by Super 802.11a

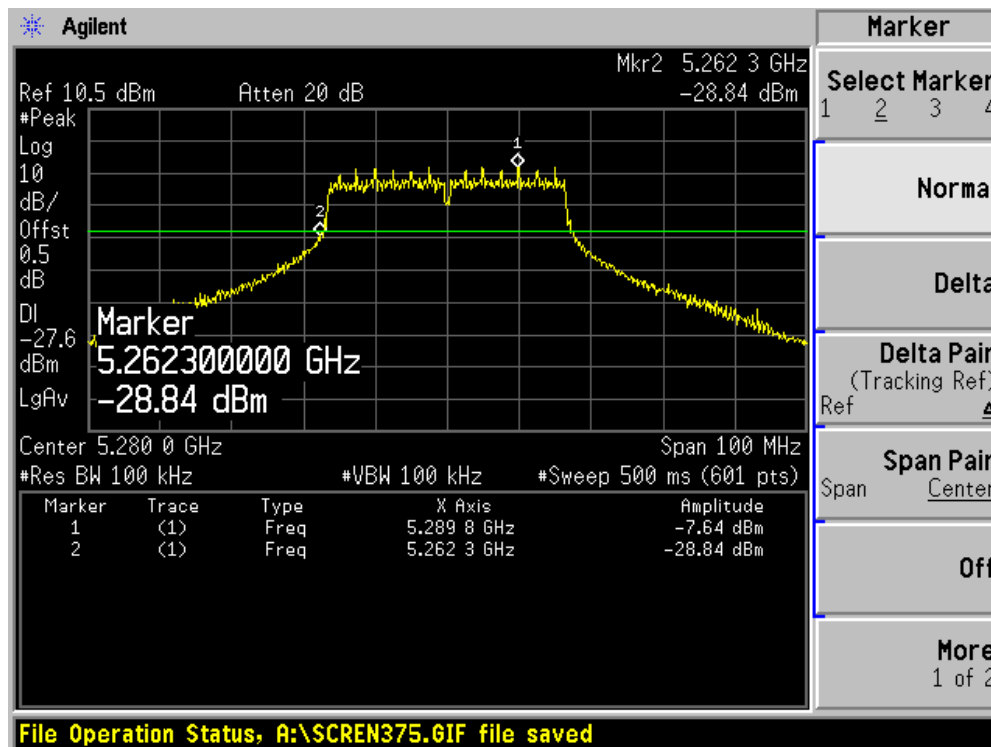
Channel 02 (5200MHz)



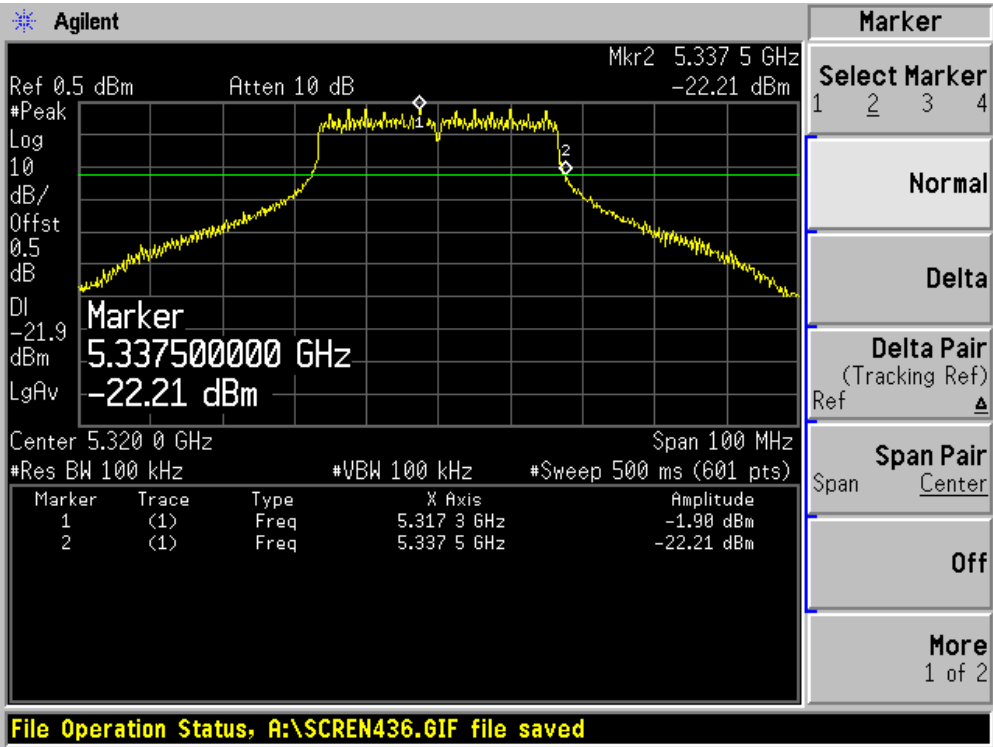
Channel 03 (5220MHz)



Channel 06 (5280MHz)



Channel 08 (5320MHz)



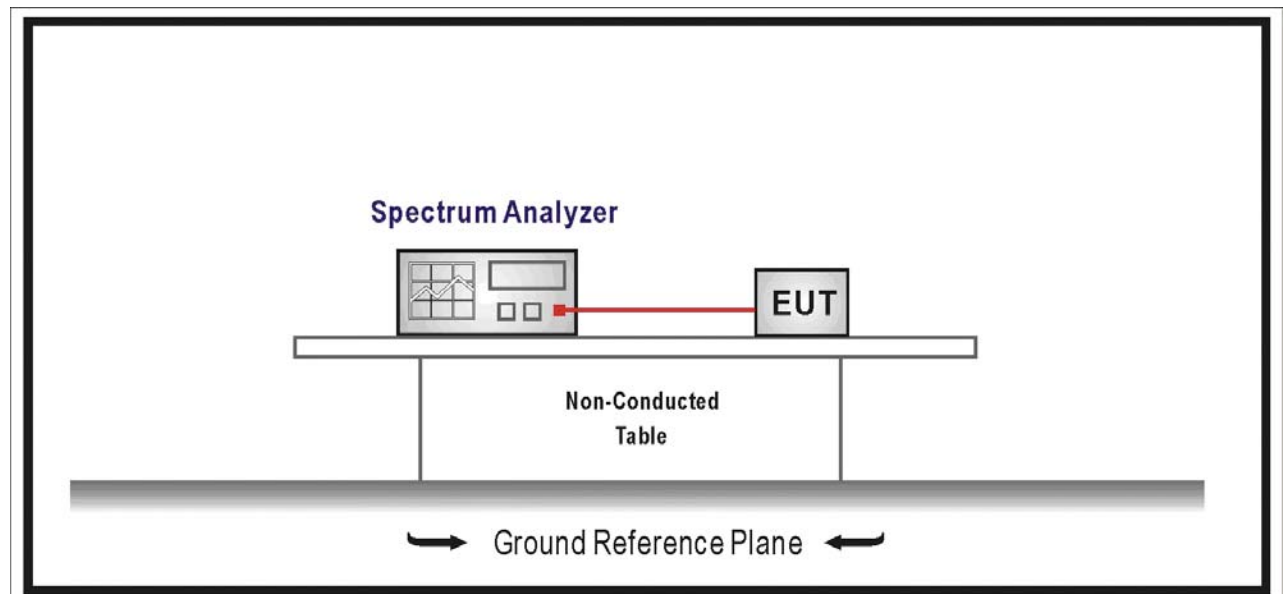
10. Band Edge

10.1. Test Equipment

Band Edge / 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 transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.
- For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5.25-5.35 GHz band that generate emissions in the 5.15-5.25 GHz band must meet all applicable technical requirements for operation in the 5.15-5.25 GHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27dBm/MHz in the 5.15-5.25 GHz band.
- For transmitters operating in the 5.47-5.725 GHz band: all emission outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.

- For transmitters operating in the 5.725-5.825 GHz band: all emission within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an EIRP of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an EIRP of -27 dBm/MHz.

10.4. Test Procedure

According to the FCC Measurement Techniques: FCC Public Notice DA 02-2138, August 30, 2002

Use peak detector mode and max hold. Set RBW= 1MHz and VBW > 1 MHz. The peak emissions outside of the frequency bands of operation should be attenuated in accordance with the above limit.

10.5. Uncertainty

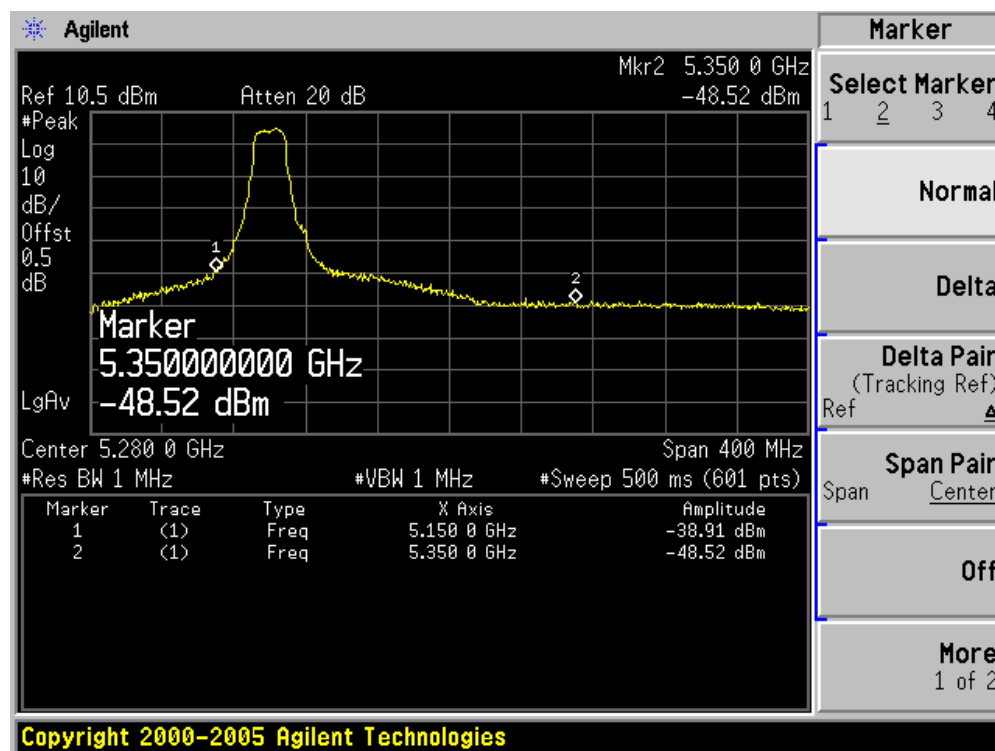
The measurement uncertainty is defined as ± 1.27 dB

10.6. Test Result

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

Channel	Frequency (MHz)	Antenna Gain (dBi)	Reading Level (dBm/MHz)	Level (dBm/MHz)	EIRP Limit (dBm/MHz)	Result
01 (5180MHz)	5150	1.5	-38.91	-37.41	-27	Pass
	5350	1.5	-48.52	-47.02	-27	Pass

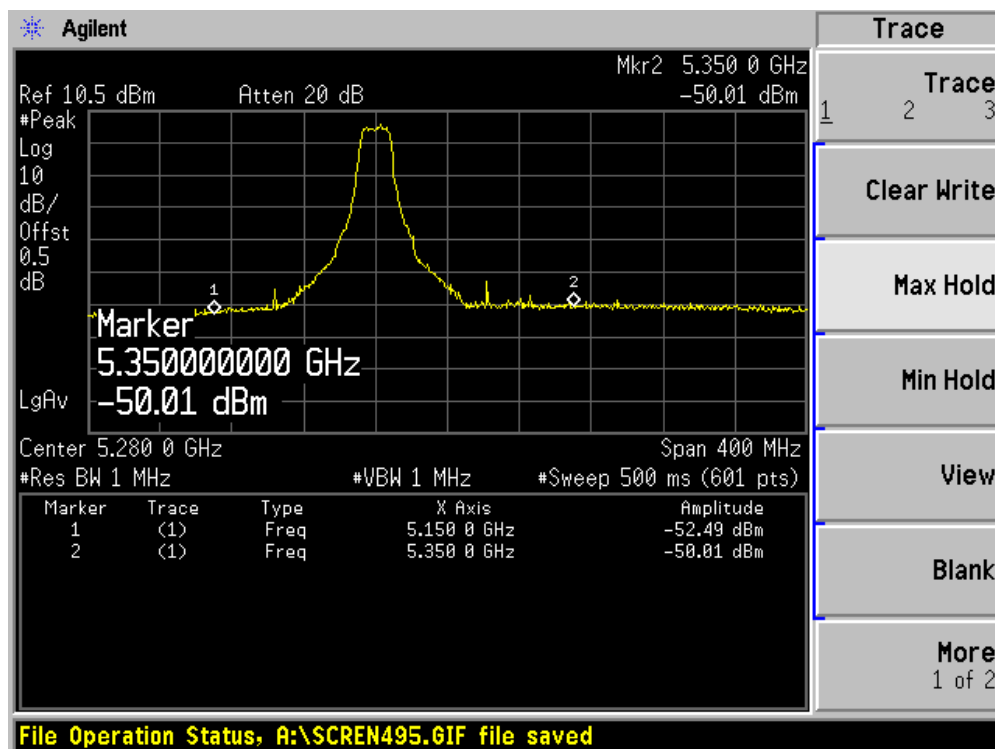
Figure Channel 01 (5180MHz)



Product	:	Wireless-AG (108Mbps) Network USB Adapter
Test Item	:	Band Edge
Test Site	:	AC-3
Test Mode	:	Mode 1: Transmit by 802.11a

Channel	Frequency (MHz)	Antenna Gain (dBi)	Reading Level (dBm/MHz)	Level (dBm/MHz)	EIRP Limit (dBm/MHz)	Result
04 (5240MHz)	5150	1.5	-52.49	-50.99	-27	Pass
	5350	1.5	-50.01	-48.51	-27	Pass

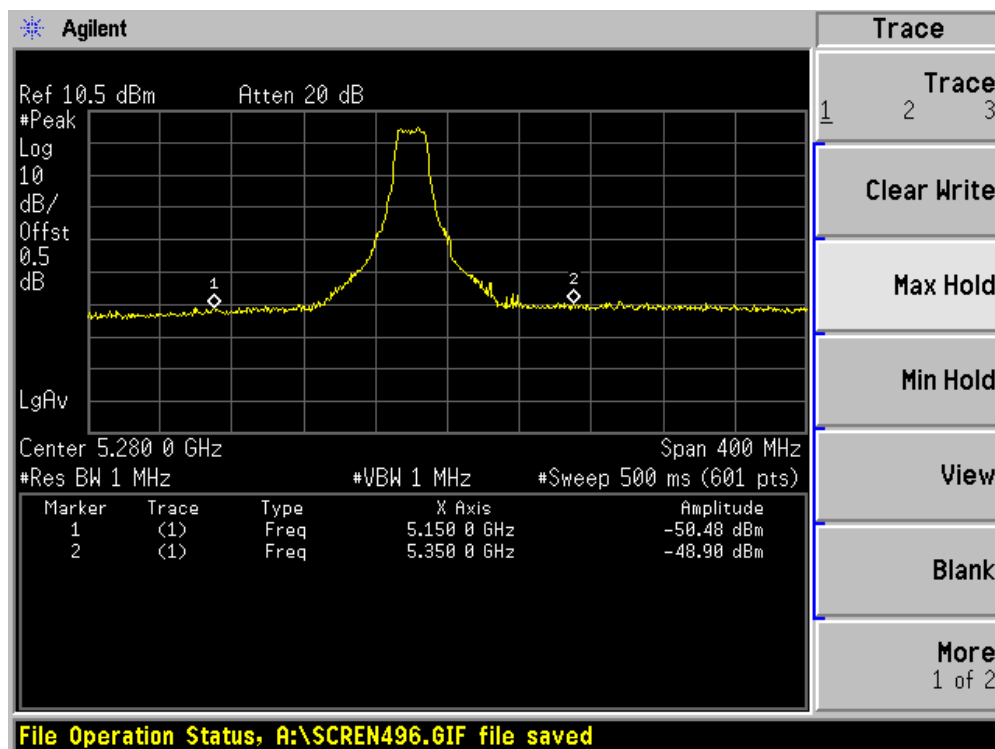
Figure Channel 04 (5240MHz)



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

Channel	Frequency (MHz)	Antenna Gain (dBi)	Reading Level (dBm/MHz)	Level (dBm/MHz)	EIRP Limit (dBm/MHz)	Result
05 (5260MHz)	5150	1.5	-50.48	-48.98	-27	Pass
	5350	1.5	-48.90	-47.40	-27	Pass

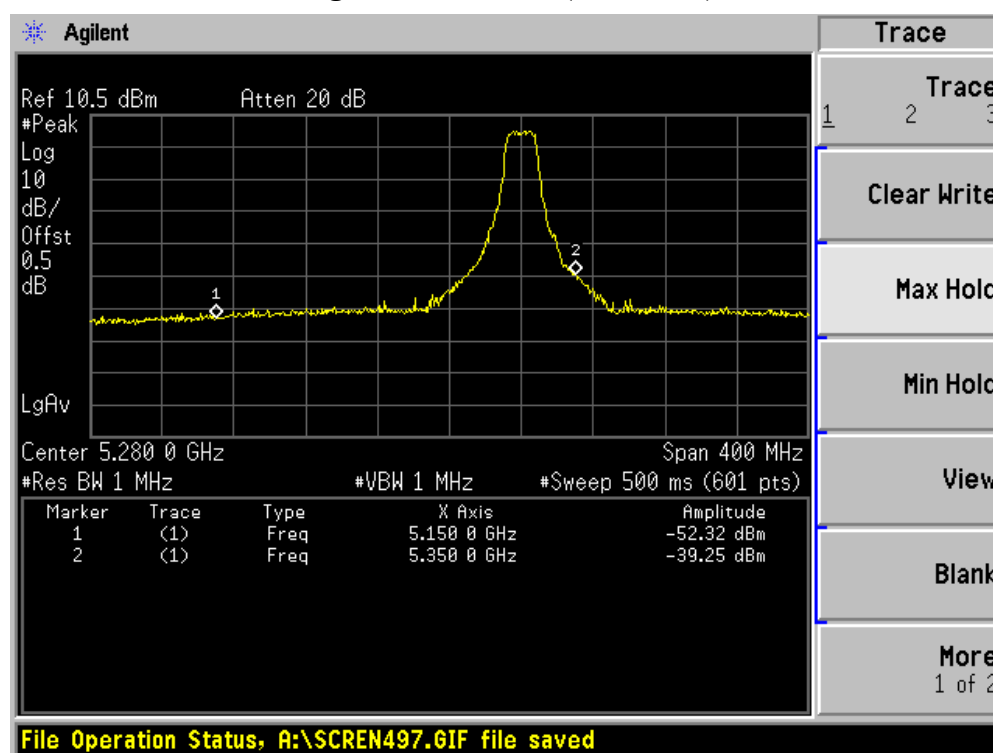
Figure Channel 05 (5260MHz)



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

Channel	Frequency (MHz)	Antenna Gain (dBi)	Reading Level (dBm/MHz)	Level (dBm/MHz)	EIRP Limit (dBm/MHz)	Result
08 (5320MHz)	5150	1.5	-52.32	-50.82	-27	Pass
	5350	1.5	-39.25	-37.75	-27	Pass

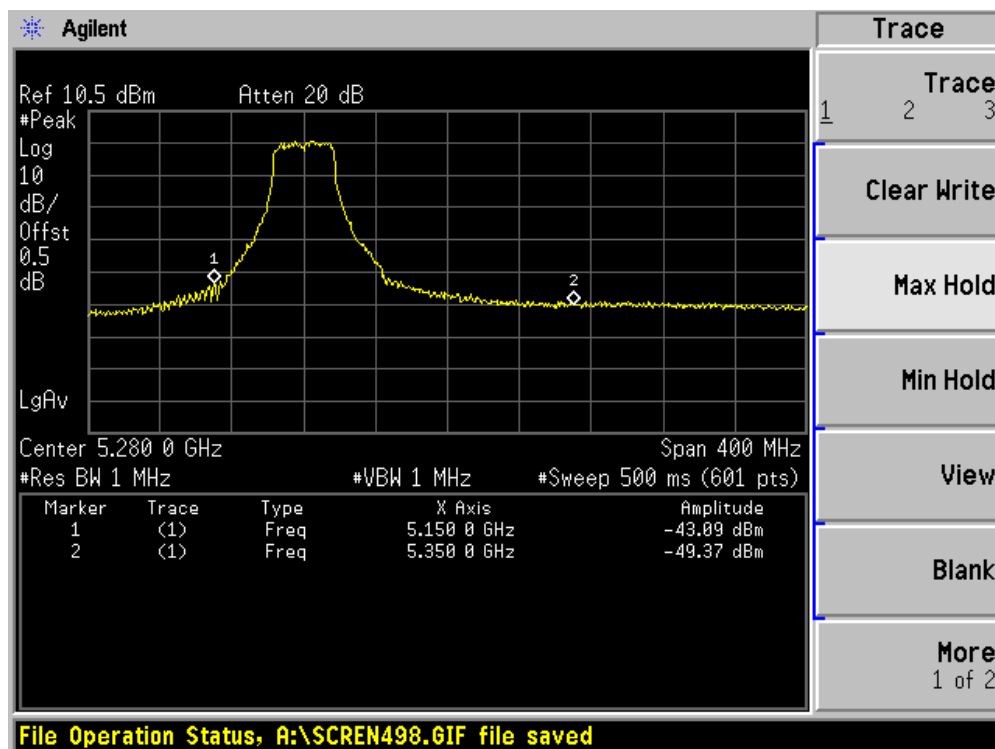
Figure Channel 08 (5320MHz)



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

Channel	Frequency (MHz)	Antenna Gain (dBi)	Reading Level (dBm/MHz)	Level (dBm/MHz)	EIRP Limit (dBm/MHz)	Result
02 (5200MHz)	5150	1.5	-43.09	-41.59	-27	Pass
	5350	1.5	-49.37	-47.87	-27	Pass

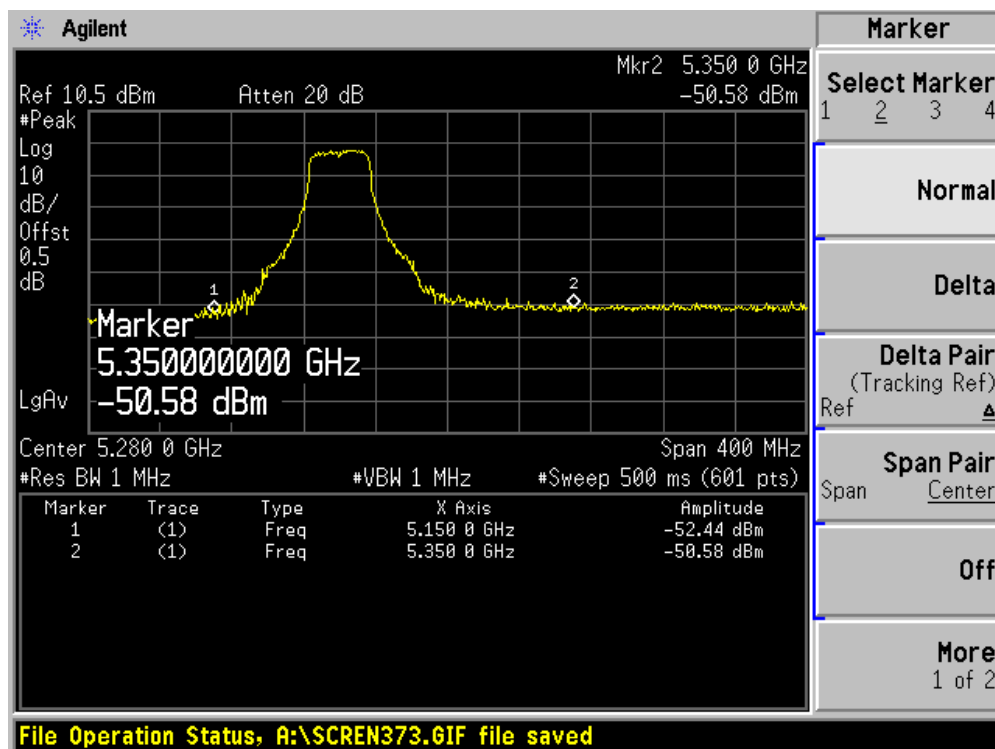
Figure Channel 02 (5200MHz)



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

Channel	Frequency (MHz)	Antenna Gain (dBi)	Reading Level (dBm/MHz)	Level (dBm/MHz)	EIRP Limit (dBm/MHz)	Result
03 (5220MHz)	5150	1.5	-52.44	-50.94	-27	Pass
	5350	1.5	-50.58	-49.08	-27	Pass

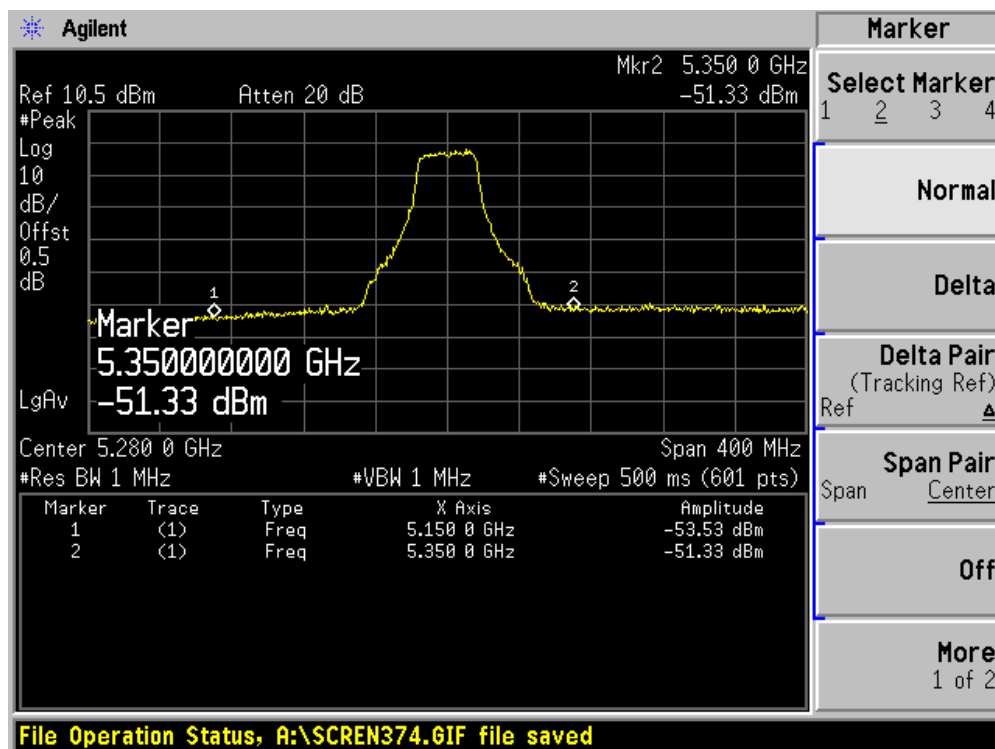
Figure Channel 03 (5220MHz)



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

Channel	Frequency (MHz)	Antenna Gain (dBi)	Reading Level (dBm/MHz)	Level (dBm/MHz)	EIRP Limit (dBm/MHz)	Result
06 (5280MHz)	5150	1.5	-53.53	-52.03	-27	Pass
	5350	1.5	-51.33	-49.83	-27	Pass

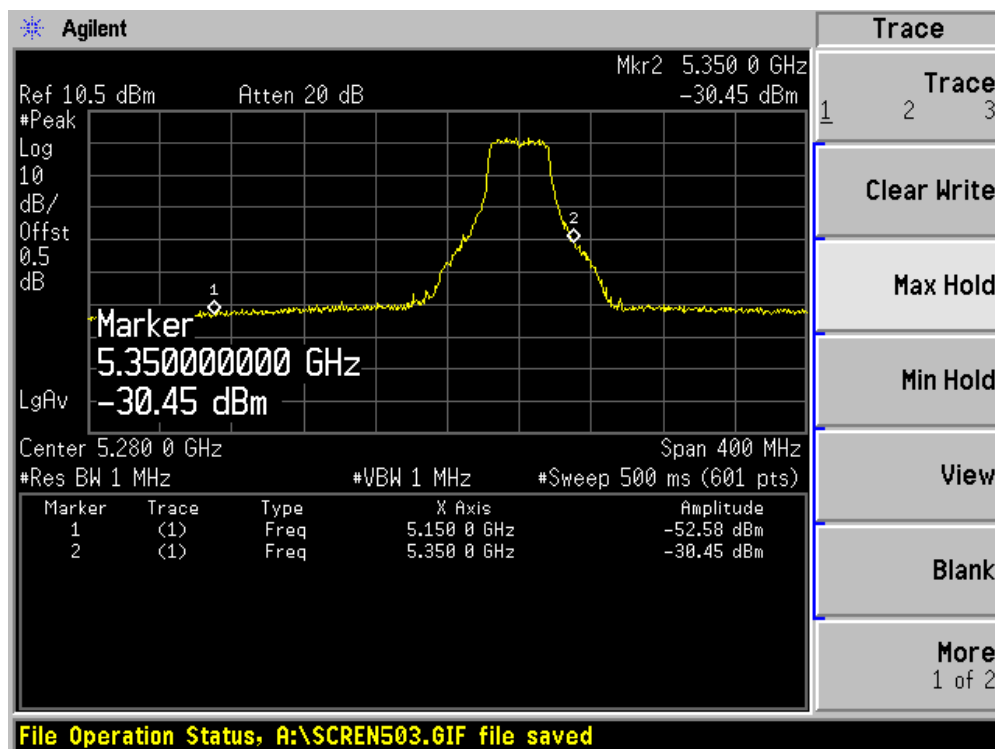
Figure Channel 06 (5280MHz)



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

Channel	Frequency (MHz)	Antenna Gain (dBi)	Reading Level (dBm/MHz)	Level (dBm/MHz)	EIRP Limit (dBm/MHz)	Result
08 (5320MHz)	5150	1.5	-52.58	-51.08	-27	Pass
	5350	1.5	-30.45	-28.95	-27	Pass

Figure Channel 08 (5320MHz)



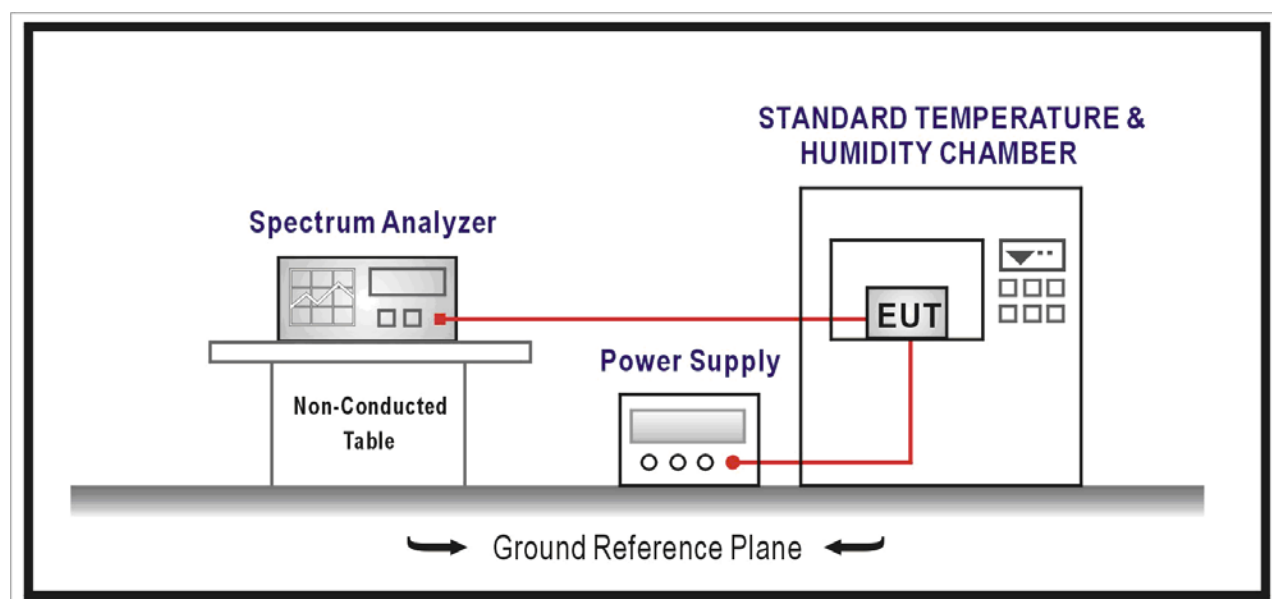
11. Frequency Stability

11.1. Test Equipment

Frequency Stability / AC-3

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2007/06/11
AC Power Supply	IDRC	CF-500TP	979422	2007/03/09
DC Power Supply	IDRC	CD-035-020PR	977272	2007/02/02
Programmable Temperature & Humidity Chamber	Gaoyu	TH-1P-B	WIT-05121302	2007/01/19
Coaxial Cable	Huber+Suhner	AC3-RF	08	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH003	2007/03/31

11.2. Test Setup



11.3. Limit

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified

11.4. Test Procedure

According to the FCC Measurement Techniques: FCC Public Notice DA 02-2138, August 30, 2002

Frequency Stability Under Temperature Variations:

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation ($\pm 15\%$) and endpoint, record the maximum frequency change.

11.5. Uncertainty

The measurement uncertainty is defined as ± 10 Hz.

11.6. Test Result

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

Operating Frequency: Channel 01 (5180MHz)									Limit: 0.02%
Temp (°C)	Voltage (VAC)	0 minutes		2 minutes		5 minutes		10 minutes	
		Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)
0 °C	102V	5180.0981	0.00189%	5180.0970	0.00187%	5180.0950	0.00183%	5180.0960	0.00185%
	120V	5180.0870	0.00168%	5180.0860	0.00166%	5180.0785	0.00152%	5180.0860	0.00166%
	138V	5180.0789	0.00152%	5180.0790	0.00153%	5180.0820	0.00155%	5180.0800	0.00154%
20 °C	102V	5180.0901	0.00174%	5180.0906	0.00175%	5180.0916	0.00177%	5180.0920	0.00178%
	120V	5180.0010	0.00002%	5180.0950	0.00183%	5180.0821	0.00158%	5180.0820	0.00158%
	138V	5180.0820	0.00158%	5180.0760	0.00147%	5180.0680	0.00131%	5180.0505	0.00097%
55 °C	102V	5180.0100	0.00019%	5180.0090	0.00017%	5180.0890	0.00172%	5180.0020	0.00004%
	120V	5180.0020	0.00004%	5180.0012	0.00002%	5180.0068	0.00013%	5180.0090	0.00017%
	138V	5180.0790	0.00153%	5180.0800	0.00154%	5180.0900	0.00174%	5180.0980	0.00189%

Operating Frequency: Channel 02 (5200MHz)									Limit: 0.02%
Temp (°C)	Voltage (VAC)	0 minutes		2 minutes		5 minutes		10 minutes	
		Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)
0 °C	102V	5200.0850	0.00163%	5200.0970	0.00187%	5200.0960	0.00185%	5200.0981	0.00189%
	120V	5200.0685	0.00132%	5200.0660	0.00127%	5200.0860	0.00166%	5200.0870	0.00167%
	138V	5200.0120	0.00023%	5200.0590	0.00113%	5200.0800	0.00154%	5200.0789	0.00152%
20 °C	102V	5200.0716	0.00138%	5200.0906	0.00174%	5200.0820	0.00158%	5200.0901	0.00173%
	120V	5200.0221	0.00043%	5200.0850	0.00163%	5200.0620	0.00119%	5200.0010	0.00002%
	138V	5200.0780	0.00150%	5200.0760	0.00146%	5200.0505	0.00097%	5200.0720	0.00138%
55 °C	102V	5200.0990	0.00190%	5200.0090	0.00017%	5200.0020	0.00004%	5200.0120	0.00023%
	120V	5200.0168	0.00032%	5200.0012	0.00002%	5200.0090	0.00017%	5200.0020	0.00004%
	138V	5200.0900	0.00173%	5200.0800	0.00154%	5200.0980	0.00188%	5200.0780	0.00150%

Operating Frequency: Channel 04 (5240MHz)								Limit: 0.02%	
Temp (°C)	Voltage (VAC)	0 minutes		2 minutes		5 minutes		10 minutes	
		Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)
0 °C	102V	5240.0912	0.00174%	5240.0960	0.00183%	5240.0950	0.00181%	5240.0981	0.00187%
	120V	5240.0860	0.00164%	5240.0860	0.00164%	5240.0795	0.00152%	5240.0870	0.00166%
	138V	5240.0790	0.00151%	5240.0870	0.00166%	5240.0820	0.00156%	5240.0789	0.00151%
20 °C	102V	5240.0911	0.00174%	5240.0920	0.00176%	5240.0916	0.00175%	5240.0931	0.00178%
	120V	5240.0954	0.00182%	5240.0820	0.00156%	5240.0821	0.00157%	5240.0010	0.00002%
	138V	5240.0660	0.00126%	5240.0565	0.00108%	5240.0680	0.00130%	5240.0850	0.00162%
55 °C	102V	5240.0085	0.00016%	5240.0020	0.00004%	5240.0810	0.00155%	5240.0900	0.00172%
	120V	5240.0012	0.00002%	5240.0090	0.00017%	5240.0068	0.00013%	5240.0020	0.00004%
	138V	5240.0800	0.00153%	5240.0980	0.00187%	5240.0900	0.00172%	5240.0790	0.00151%

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

Operating Frequency: Channel 05 (5260MHz)									Limit: 0.02%
Temp (°C)	Voltage (VAC)	0 minutes		2 minutes		5 minutes		10 minutes	
		Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)
0 °C	102V	5260.0235	0.00045%	5260.0153	0.00029%	5260.0335	0.00064%	5260.0225	0.00043%
	120V	5260.0781	0.00148%	5260.0552	0.00105%	5260.0224	0.00043%	5260.0955	0.00182%
	138V	5260.0553	0.00105%	5260.0477	0.00091%	5260.0722	0.00137%	5260.0447	0.00085%
20 °C	102V	5260.0440	0.00084%	5260.0820	0.00156%	5260.0452	0.00086%	5260.0662	0.00126%
	120V	5260.0714	0.00136%	5260.0252	0.00048%	5260.0366	0.00070%	5260.0500	0.00095%
	138V	5260.0336	0.00064%	5260.0363	0.00069%	5260.0553	0.00105%	5260.0580	0.00110%
55 °C	102V	5260.0125	0.00024%	5260.0550	0.00105%	5260.0920	0.00175%	5260.0526	0.00100%
	120V	5260.8011	0.01523%	5260.0400	0.00076%	5260.0922	0.00175%	5260.0470	0.00089%
	138V	5260.0445	0.00085%	5260.0790	0.00150%	5260.0583	0.00111%	5260.0557	0.00106%

Operating Frequency: Channel 06 (5280MHz)									Limit: 0.02%
Temp (°C)	Voltage (VAC)	0 minutes		2 minutes		5 minutes		10 minutes	
		Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)
0 °C	102V	5280.0254	0.00048%	5280.0952	0.00180%	5280.0955	0.00181%	5280.0447	0.00085%
	120V	5280.0226	0.00043%	5280.0147	0.00028%	5280.0856	0.00162%	5280.0952	0.00180%
	138V	5280.0586	0.00111%	5280.0352	0.00067%	5280.0574	0.00109%	5280.0990	0.00188%
20 °C	102V	5280.0466	0.00088%	5280.0156	0.00030%	5280.0965	0.00183%	5280.0860	0.00163%
	120V	5280.0921	0.00174%	5280.0478	0.00091%	5280.0558	0.00106%	5280.0582	0.00110%
	138V	5280.0580	0.00110%	5280.0668	0.00127%	5280.0412	0.00078%	5280.0526	0.00100%
55 °C	102V	5280.0554	0.00105%	5280.0224	0.00042%	5280.0445	0.00084%	5280.0365	0.00069%
	120V	5280.0556	0.00105%	5280.0558	0.00106%	5280.0860	0.00163%	5280.0447	0.00085%
	138V	5280.0471	0.00089%	5280.0442	0.00084%	5280.0920	0.00174%	5280.0842	0.00159%

Operating Frequency: Channel 08 (5320MHz)									Limit: 0.02%
Temp (°C)	Voltage (VAC)	0 minutes		2 minutes		5 minutes		10 minutes	
		Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)
0 °C	102V	5320.0947	0.00178%	5320.0550	0.00103%	5320.0664	0.00125%	5320.0744	0.00140%
	120V	5320.0325	0.00061%	5320.0471	0.00089%	5320.0755	0.00142%	5320.0782	0.00147%
	138V	5320.0416	0.00078%	5320.0228	0.00043%	5320.0711	0.00134%	5320.0994	0.00187%
20 °C	102V	5320.0920	0.00173%	5320.0624	0.00117%	5320.0447	0.00084%	5320.0558	0.00105%
	120V	5320.0910	0.00171%	5320.0953	0.00179%	5320.0830	0.00156%	5320.0995	0.00187%
	138V	5320.0850	0.00160%	5320.0443	0.00083%	5320.0821	0.00154%	5320.0766	0.00144%
55 °C	102V	5320.0483	0.00091%	5320.0740	0.00139%	5320.0722	0.00136%	5320.0448	0.00084%
	120V	5320.0120	0.00023%	5320.0125	0.00023%	5320.0456	0.00086%	5320.0993	0.00187%
	138V	5320.0743	0.00140%	5320.0924	0.00174%	5320.0772	0.00145%	5320.0478	0.00090%

Product	:	Wireless-AG (108MBPS) Network USB Adapter
Test Item	:	Frequency Stability
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by Super 802.11a

Operating Frequency: Channel 02 (5200MHz)									Limit: 0.02%
Temp (°C)	Voltage (VAC)	0 minutes		2 minutes		5 minutes		10 minutes	
		Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)
0 °C	102V	5200.0970	0.00187%	5200.0981	0.00189%	5200.0960	0.00185%	5200.0950	0.00183%
	120V	5200.0860	0.00165%	5200.0870	0.00167%	5200.0860	0.00165%	5200.0785	0.00151%
	138V	5200.0790	0.00152%	5200.0789	0.00152%	5200.0800	0.00154%	5240.0820	0.77081%
20 °C	102V	5200.0906	0.00174%	5200.0901	0.00173%	5200.0920	0.00177%	5200.0916	0.00176%
	120V	5200.0950	0.00183%	5200.0010	0.00002%	5200.0820	0.00158%	5200.0821	0.00158%
	138V	5200.0760	0.00146%	5200.0820	0.00158%	5200.0505	0.00097%	5200.0680	0.00131%
55 °C	102V	5200.0090	0.00017%	5200.0100	0.00019%	5200.0020	0.00004%	5200.0890	0.00171%
	120V	5200.0012	0.00002%	5200.0020	0.00004%	5200.0090	0.00017%	5200.0068	0.00013%
	138V	5200.0800	0.00154%	5200.0790	0.00152%	5200.0980	0.00188%	5200.0900	0.00173%

Operating Frequency: Channel 03 (5220MHz)									Limit: 0.02%
Temp (°C)	Voltage (VAC)	0 minutes		2 minutes		5 minutes		10 minutes	
		Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)
0 °C	102V	5220.0970	0.00186%	5220.0960	0.00184%	5220.0981	0.00188%	5220.0850	0.00163%
	120V	5220.0660	0.00126%	5220.0860	0.00165%	5220.0870	0.00167%	5220.0685	0.00131%
	138V	5220.0590	0.00113%	5220.0800	0.00153%	5220.0789	0.00151%	5220.0120	0.00023%
20 °C	102V	5220.0906	0.00174%	5220.0820	0.00157%	5220.0901	0.00173%	5220.0716	0.00137%
	120V	5220.0850	0.00163%	5220.0620	0.00119%	5220.0010	0.00002%	5220.0221	0.00042%
	138V	5220.0760	0.00146%	5220.0505	0.00097%	5220.0720	0.00138%	5220.0780	0.00149%
55 °C	102V	5220.0090	0.00017%	5220.0020	0.00004%	5220.0120	0.00023%	5220.0990	0.00190%
	120V	5220.0012	0.00002%	5220.0090	0.00017%	5220.0020	0.00004%	5220.0168	0.00032%
	138V	5220.0800	0.00153%	5220.0980	0.00188%	5220.0780	0.00149%	5220.0900	0.00172%

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

Operating Frequency: Channel 06 (5280MHz)									Limit: 0.02%
Temp (°C)	Voltage (VAC)	0 minutes		2 minutes		5 minutes		10 minutes	
		Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)
0 °C	102V	5280.0254	0.00048%	5280.0952	0.00180%	5280.0955	0.00181%	5280.0447	0.00085%
	120V	5280.0226	0.00043%	5280.0147	0.00028%	5280.0856	0.00162%	5280.0952	0.00180%
	138V	5280.0586	0.00111%	5280.0352	0.00067%	5280.0574	0.00109%	5280.0990	0.00188%
20 °C	102V	5280.0466	0.00088%	5280.0156	0.00030%	5280.0965	0.00183%	5280.0860	0.00163%
	120V	5280.0921	0.00174%	5280.0478	0.00091%	5280.0558	0.00106%	5280.0582	0.00110%
	138V	5280.0580	0.00110%	5280.0668	0.00127%	5280.0412	0.00078%	5280.0526	0.00100%
55 °C	102V	5280.0554	0.00105%	5280.0224	0.00042%	5280.0445	0.00084%	5280.0365	0.00069%
	120V	5280.0556	0.00105%	5280.0558	0.00106%	5280.0860	0.00163%	5280.0447	0.00085%
	138V	5280.0471	0.00089%	5280.0442	0.00084%	5280.0920	0.00174%	5280.0842	0.00159%

Operating Frequency: Channel 07 (5300MHz)									Limit: 0.02%
Temp (°C)	Voltage (VAC)	0 minutes		2 minutes		5 minutes		10 minutes	
		Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)
0 °C	102V	5300.0235	0.00045%	5300.0153	0.00029%	5300.0335	0.00064%	5300.0225	0.00043%
	120V	5300.0781	0.00148%	5300.0552	0.00105%	5300.0224	0.00043%	5300.0955	0.00182%
	138V	5300.0553	0.00105%	5300.0477	0.00091%	5300.0722	0.00137%	5300.0447	0.00085%
20 °C	102V	5300.0440	0.00084%	5300.0820	0.00156%	5300.0452	0.00086%	5300.0662	0.00126%
	120V	5300.0714	0.00136%	5300.0252	0.00048%	5300.0366	0.00070%	5300.0500	0.00095%
	138V	5300.0336	0.00064%	5300.0363	0.00069%	5300.0553	0.00105%	5300.0580	0.00110%
55 °C	102V	5300.0125	0.00024%	5300.0550	0.00105%	5300.0920	0.00175%	5300.0526	0.00100%
	120V	5300.8011	0.01523%	5300.0400	0.00076%	5300.0922	0.00175%	5300.0470	0.00089%
	138V	5300.0445	0.00085%	5300.0790	0.00150%	5300.0583	0.00111%	5300.0557	0.00106%

Operating Frequency: Channel 08 (5320MHz)								Limit: 0.02%	
Temp (°C)	Voltage (VAC)	0 minutes		2 minutes		5 minutes		10 minutes	
		Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)	Measured (MHz)	Tolerance (%)
0 °C	102V	5320.0947	0.00178%	5320.0550	0.00103%	5320.0664	0.00125%	5320.0744	0.00140%
	120V	5320.0325	0.00061%	5320.0471	0.00089%	5320.0755	0.00142%	5320.0782	0.00147%
	138V	5320.0416	0.00078%	5320.0228	0.00043%	5320.0711	0.00134%	5320.0994	0.00187%
20 °C	102V	5320.0920	0.00173%	5320.0624	0.00117%	5320.0447	0.00084%	5320.0558	0.00105%
	120V	5320.0910	0.00171%	5320.0953	0.00179%	5320.0830	0.00156%	5320.0995	0.00187%
	138V	5320.0850	0.00160%	5320.0443	0.00083%	5320.0821	0.00154%	5320.0766	0.00144%
55 °C	102V	5320.0483	0.00091%	5320.0740	0.00139%	5320.0722	0.00136%	5320.0448	0.00084%
	120V	5320.0120	0.00023%	5320.0125	0.00023%	5320.0456	0.00086%	5320.0993	0.00187%
	138V	5320.0743	0.00140%	5320.0924	0.00174%	5320.0772	0.00145%	5320.0478	0.00090%