

Test Report

Product Name : WLM54AG-23 wireless card with 2.4G and
5G series antenna
Model No. : WPMA-2.4G19, WPMA-2.4G4.5/5G7,
WPMA-5G17, WPMA-5G23,
WPMA-2.4G14
FCC ID : TK4-WPMAANTENNA

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 : 2007/07/27
Report No. : 076S041-RF-US-P05V01

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 : 2007/07/27

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Address : 135 Joo Seng Road, #08-01 PM Industrial Building
Singapore 368363

Manufacturer : Compex Systems Pte Ltd.

Model No. : WPMA-2.4G19, WPMA-2.4G4.5/5G7, WPMA-5G17,
WPMA-5G23, WPMA-2.4G14

FCC ID : TK4-WPMAANTENNA

Rated Voltage : AC 120V/60Hz

EUT Voltage : DC 3.3V

Trade Name : Compex

Applicable Standard : FCC CFR Title 47 Part 15 Subpart C: 2007
ANSI C63.4: 2003

Test Result : Complied

Performed Location : SuZhou EMC laboratory
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FCC Registration number: 800392

Documented By : 
(Mandy Liu)

Reviewed By : 
(Dream Cao)

Approved By : 
(Murphy Wang)

Laboratory Information

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

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

The related certificate for our laboratories about the test site and management system can be downloaded from Quietek Corporation's Web Site : <http://tw.quietek.com/modules/myalbum/>

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

If you have any comments, Please don't hesitate to contact us. Our contact information is as below:

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TEL : +86-512-6251-5088 / FAX : 86-512-6251-5098

E-Mail : service@quietek.com



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1. General Information

1.1. EUT Description

Product Name	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Trade Name	Compex
Model No.	WPMA-2.4G19, WPMA-2.4G 4.5/5G7, WPMA-5G17, WPMA-5G23, WPMA-2.4G14
FCC ID	TK4-WPMAANTENNA
Working Voltage	DC 3.3V
Frequency Range	802.11a: 5745-5825 MHz 802.11b/g: 2412-2462 MHz
Channel Number	802.11a: 5 802.11b/g: 11
Type of Modulation	802.11a: OFDM 802.11b: DSSS 802.11g: OFDM
Channel Control	Auto
Antenna type	23dBi for 5725-5850: Direct Antenna 17dBi for 5725-5850: Direct Antenna 7dBi for 5725-5850: Dipole Antenna 19dBi for 2.4G: Direct Antenna 14dBi for 2.4G: Direct Antenna 4.5dBi for 2.4G: Dipole Antenna
Antenna Gain	23dBi for 5725-5850 17dBi for 5725-5850 7dBi for 5725-5850 19dBi for 2.4G 14dBi for 2.4G 4.5dBi for 2.4G

Antenna List

No.	Manufacturer	Model No.	Peak Gain
1	Compex	WPMA-5G23	Application: 5G 23dBi
2	Compex	WPMA-5G17	Application: 5G 17dBi
3	Compex	WPMA-2.4G19	Application: 2.4G 19dBi
4	Compex	WPMA-2.4G14	Application: 2.4G 14dBi
5	Compex	WPMA-2.4G 4.5/5G7	Application: 2.4G, 4.5dBi; 5G, 7dBi

Note:

1. Every type of antenna should be used followed the application requirement. It mustn't be used for other frequency range except it does be required.
2. The connector of these antennas uses a unique coupling to the intentional radiator.

802.11a Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
01	5745 MHz	02	5765 MHz	03	5785 MHz	04	5805 MHz
05	5825 MHz	06	--	07	--	08	--

802.11b/g Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
01	2412 MHz	02	2417 MHz	03	2422 MHz	04	2427 MHz
05	2432 MHz	06	2437 MHz	07	2442 MHz	08	2447 MHz
09	2452 MHz	10	2457 MHz	11	2462 MHz	--	--

1.2. Mode of Operation

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

Test Mode
Mode 1: Transmit by 802.11b
Mode 2: Transmit by 802.11g
Mode 3: Transmit by 802.11a

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-W, certified under Declaration of Conformity.

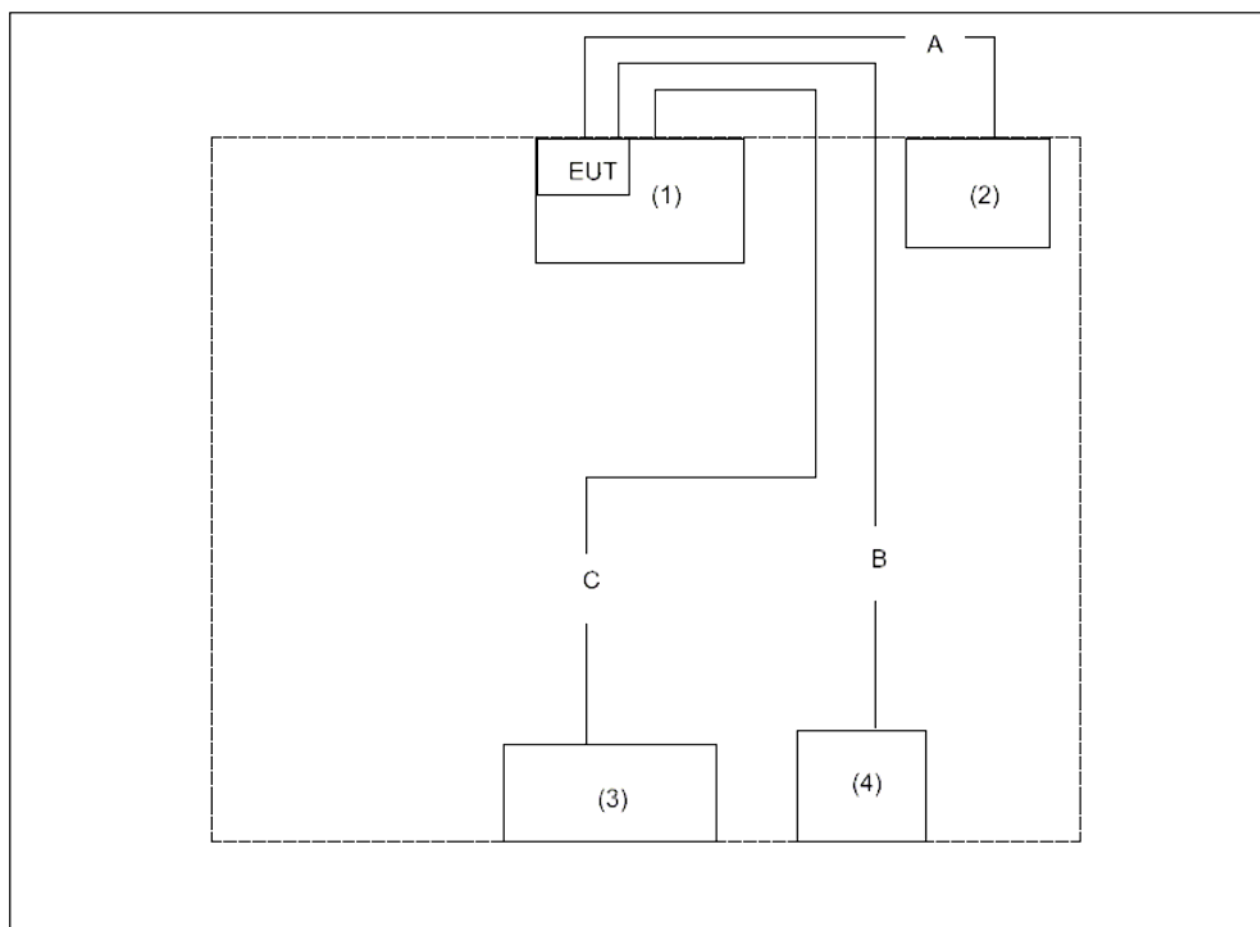
1.3. Tested System Details

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

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	PC	Lenovo	KaiTian M200	2726578	Non-Shielded, 1.8m
2	LCD Monitor	CHI MEI	A170E1-03	36C112338M20707	Power by adaptor
3	PS/2 Keyboard	Microsoft	RT2300	7.6682E+12	Power by PC
4	USB Mouse	HP	M-UV96	N/A	Power by PC

1.4. Configuration of Tested System

Connection Diagram



Signal Cable Type		Signal cable Description
A	D-Sub Cable	Shielded, 1.5m, with one ferrite cores bonded
B	PS/2 Mouse Cable	Non-Shielded, 1.8m
C	PS/2 Keyboard Cable	Non-Shielded, 1.8m

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.
4	Select the Max gain antenna of every type antenna for the test.
5	Repeat above procedure.

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
Peak Output Power	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.247(b)(3)	Yes	No
Occupied Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.247(a)(2)	Yes	No
Band Edge	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.215(c), 15.247(d)	Yes	No
Peak Power Spectral Density	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.247(e)	Yes	No

2.2. Test Environment

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	25
Humidity (%RH)	25-75	48
Barometric pressure (mbar)	860-1060	950-1000

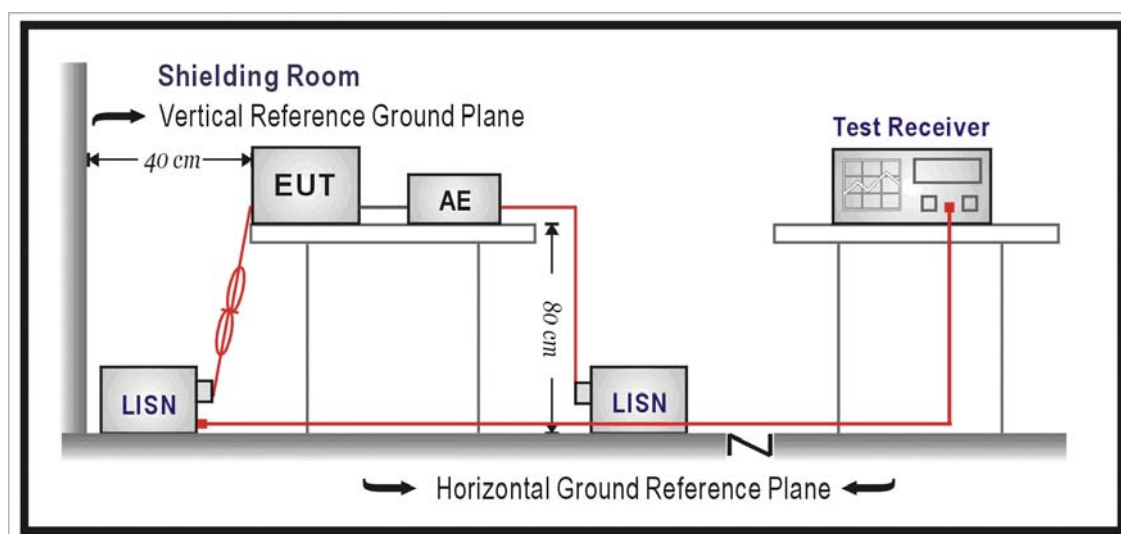
3. Conducted Emission

3.1. Test Equipment

Conducted Emission / SR-1

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
EMI Test Receiver	R&S	ESCI	100176	2006/11/22
Two-Line V-Network	R&S	ENV216	100013	2006/11/20
Two-Line V-Network	R&S	ENV216	100014	2006/11/20
50ohm Coaxial Switch	ANRITSU	MP59B	6200464462	2006/11/25
50ohm Termination	SHX	50ohmI	QT-IM001	2007/03/20
Coaxial Cable	Luthi	RG214	519358	2006/11/25
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.

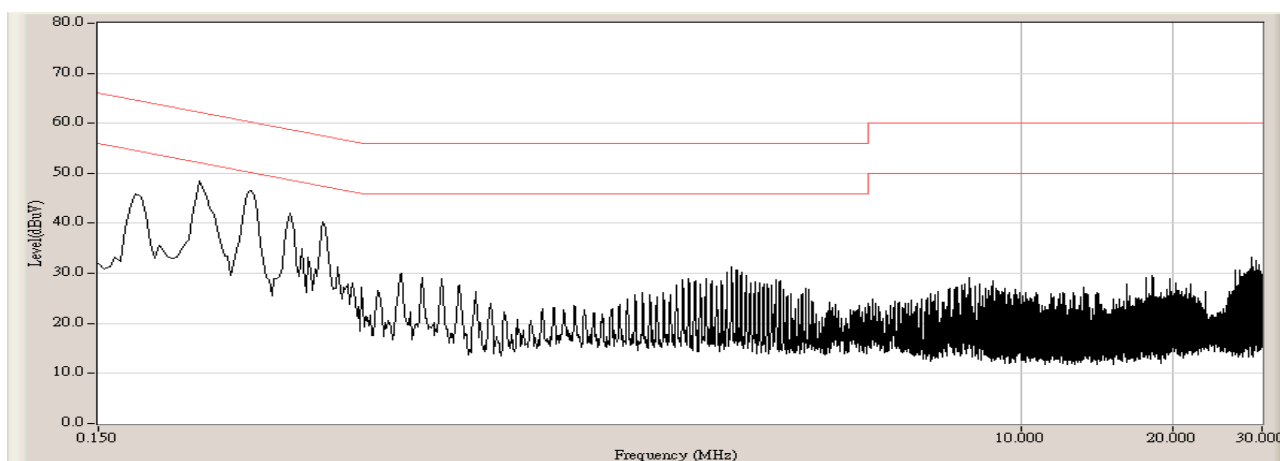
Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

3.5. Uncertainty

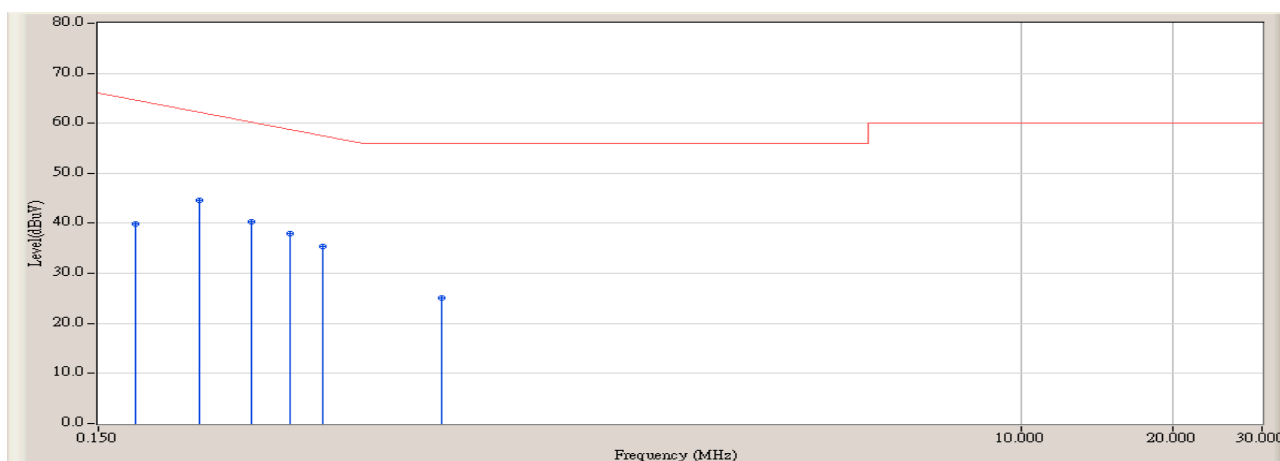
The measurement uncertainty is defined as ± 2.02 dB

3.6. Test Result

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 19:14
Limit : FCC_SpartC_15.207_QP	Margin : 10
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2437MHz) 19dBi



Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 19:16
Limit : FCC_SpartC_15.207_QP	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2437MHz) 19dBi

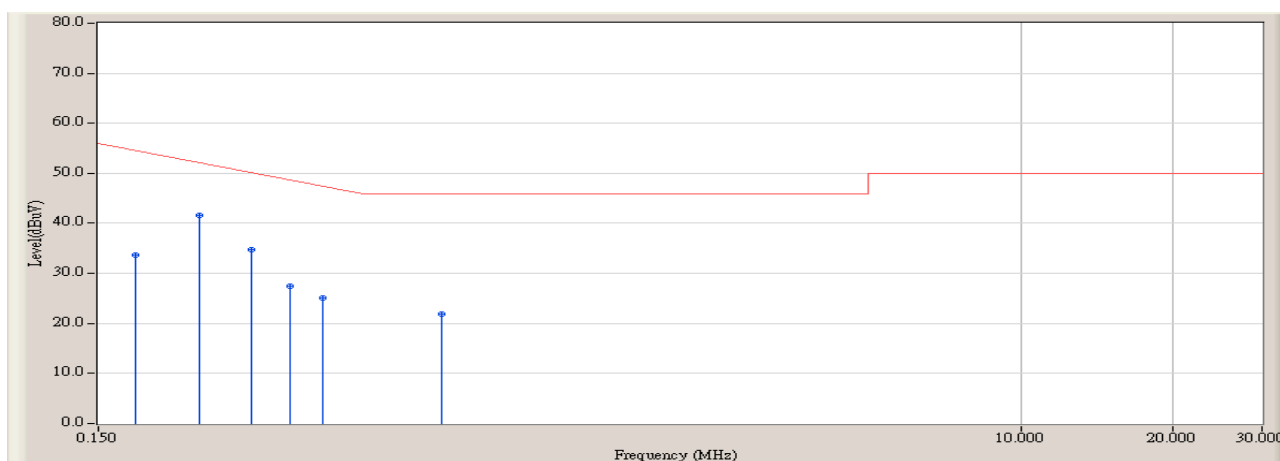


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.772	30.200	39.972	-25.228	65.200	QUASIPeAK
2	*	0.238	9.325	35.200	44.525	-18.961	63.486	QUASIPeAK
3		0.302	9.403	31.000	40.403	-21.254	61.657	QUASIPeAK
4		0.358	9.469	28.600	38.069	-21.988	60.057	QUASIPeAK
5		0.418	9.529	25.900	35.429	-22.914	58.343	QUASIPeAK
6		0.718	9.694	15.300	24.994	-31.006	56.000	QUASIPeAK

Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 19:16
Limit : FCC_SpartC_15.207_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2437MHz) 19dBi

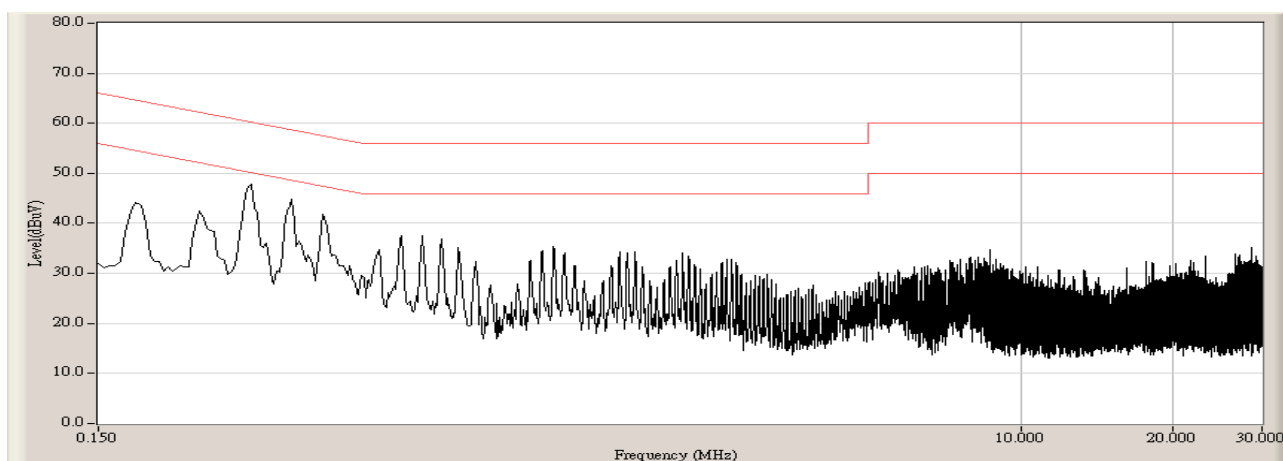


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.772	23.800	33.572	-21.628	55.200	AVERAGE
2	*	0.238	9.325	32.200	41.525	-11.961	53.486	AVERAGE
3		0.302	9.403	25.300	34.703	-16.954	51.657	AVERAGE
4		0.358	9.469	17.900	27.369	-22.688	50.057	AVERAGE
5		0.418	9.529	15.600	25.129	-23.214	48.343	AVERAGE
6		0.718	9.694	12.100	21.794	-24.206	46.000	AVERAGE

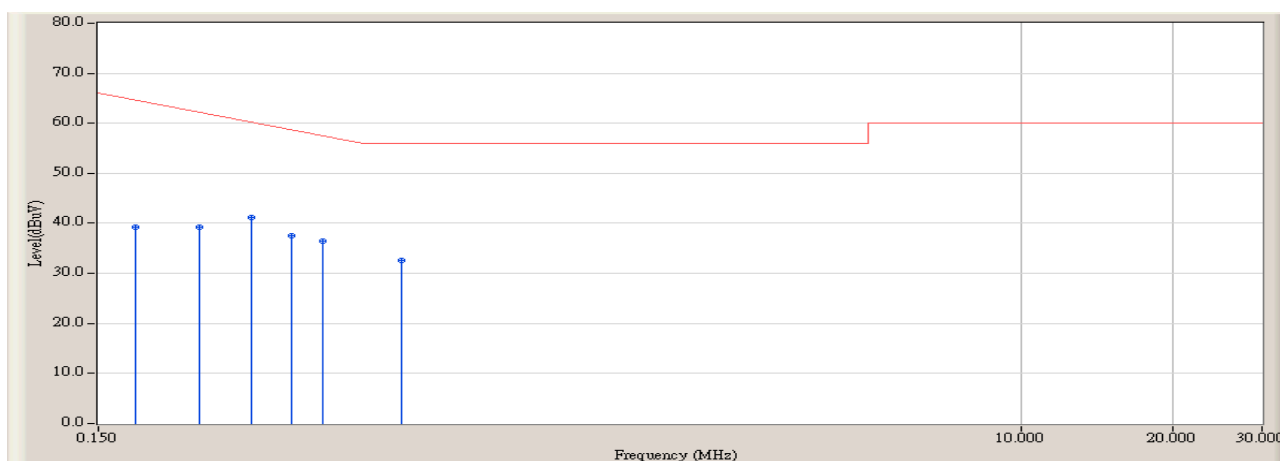
Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 19:24
Limit : FCC_SpartC_15.207_QP	Margin : 10
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2437MHz) 19dBi



Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 19:27
Limit : FCC_SpartC_15.207_QP	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2437MHz) 19dBi

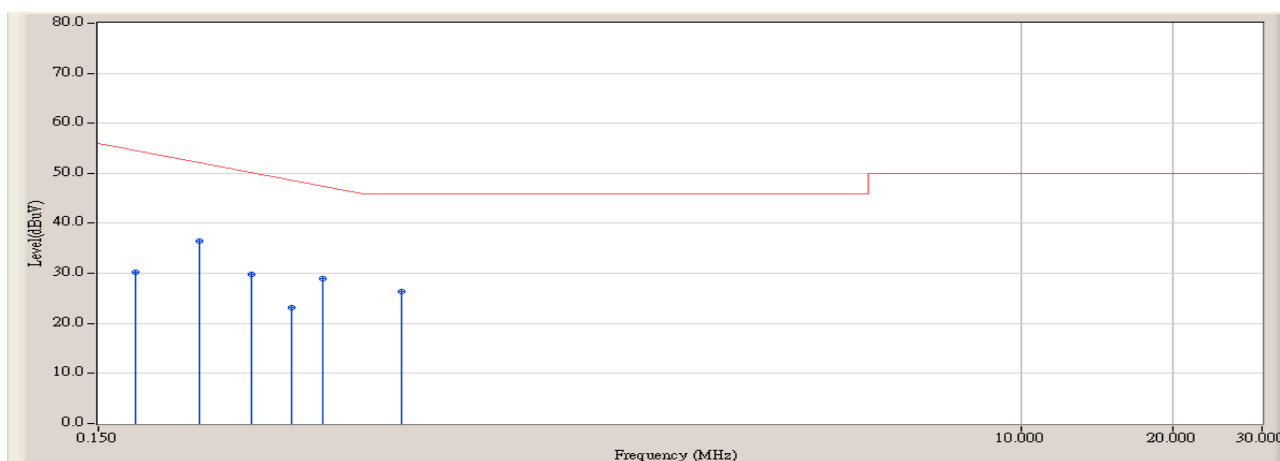


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.539	29.800	39.339	-25.861	65.200	QUASIPeAK
2		0.238	9.449	29.900	39.349	-24.137	63.486	QUASIPeAK
3	*	0.302	9.523	31.600	41.123	-20.534	61.657	QUASIPeAK
4		0.362	9.582	27.900	37.482	-22.461	59.943	QUASIPeAK
5		0.418	9.629	26.900	36.529	-21.814	58.343	QUASIPeAK
6		0.598	9.674	22.900	32.574	-23.426	56.000	QUASIPeAK

Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 19:27
Limit : FCC_SpartC_15.207_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2437MHz) 19dBi

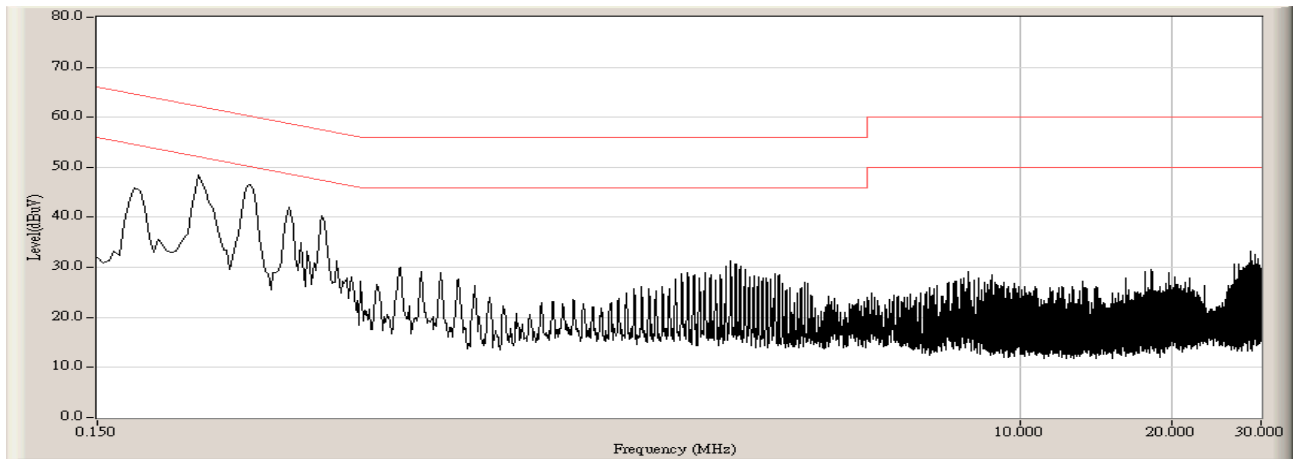


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.539	20.800	30.339	-24.861	55.200	AVERAGE
2	*	0.238	9.449	27.100	36.549	-16.937	53.486	AVERAGE
3		0.302	9.523	20.300	29.823	-21.834	51.657	AVERAGE
4		0.362	9.582	13.500	23.082	-26.861	49.943	AVERAGE
5		0.418	9.629	19.400	29.029	-19.314	48.343	AVERAGE
6		0.598	9.674	16.800	26.474	-19.526	46.000	AVERAGE

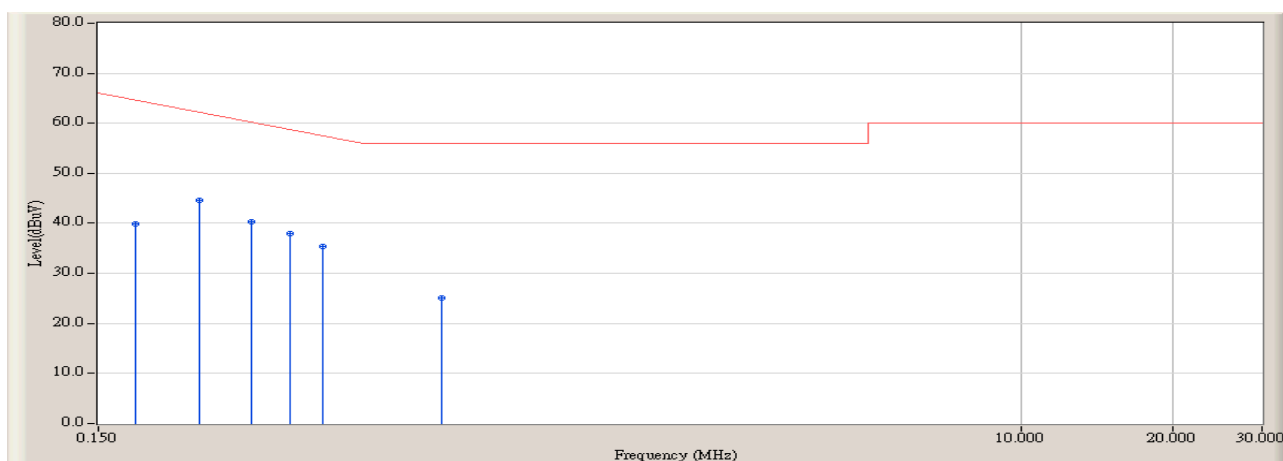
Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 19:44
Limit : FCC_SpartC_15.207_QP	Margin : 10
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2437MHz) 4.5dBi



Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 19:50
Limit : FCC_SpartC_15.207_QP	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2437MHz) 4.5dBi

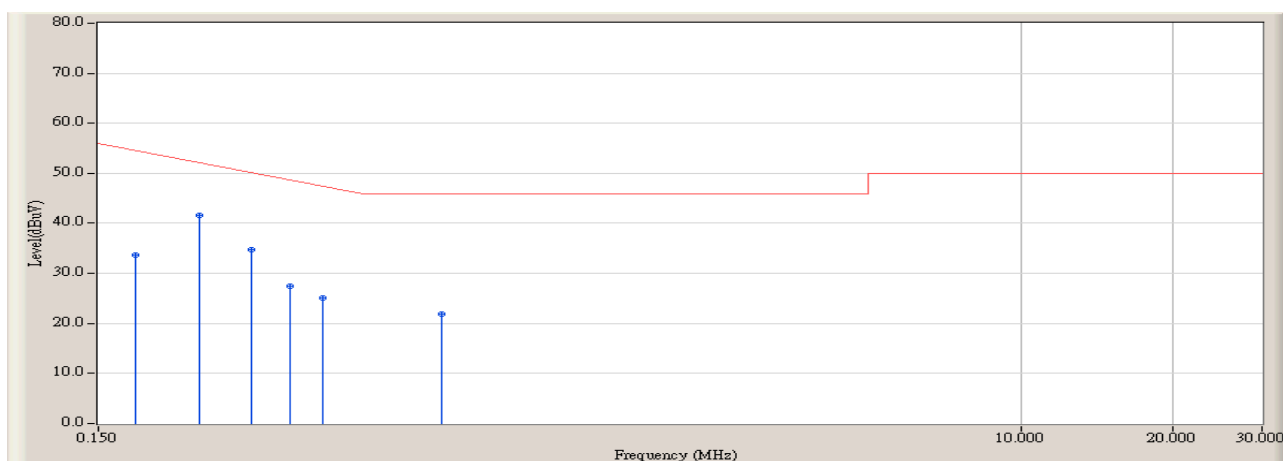


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.772	30.200	39.972	-25.228	65.200	QUASIPeAK
2	*	0.238	9.325	35.200	44.525	-18.961	63.486	QUASIPeAK
3		0.302	9.403	31.000	40.403	-21.254	61.657	QUASIPeAK
4		0.358	9.469	28.600	38.069	-21.988	60.057	QUASIPeAK
5		0.418	9.529	25.900	35.429	-22.914	58.343	QUASIPeAK
6		0.718	9.694	15.300	24.994	-31.006	56.000	QUASIPeAK

Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 19:50
Limit : FCC_SpartC_15.207_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2437MHz) 4.5dBi

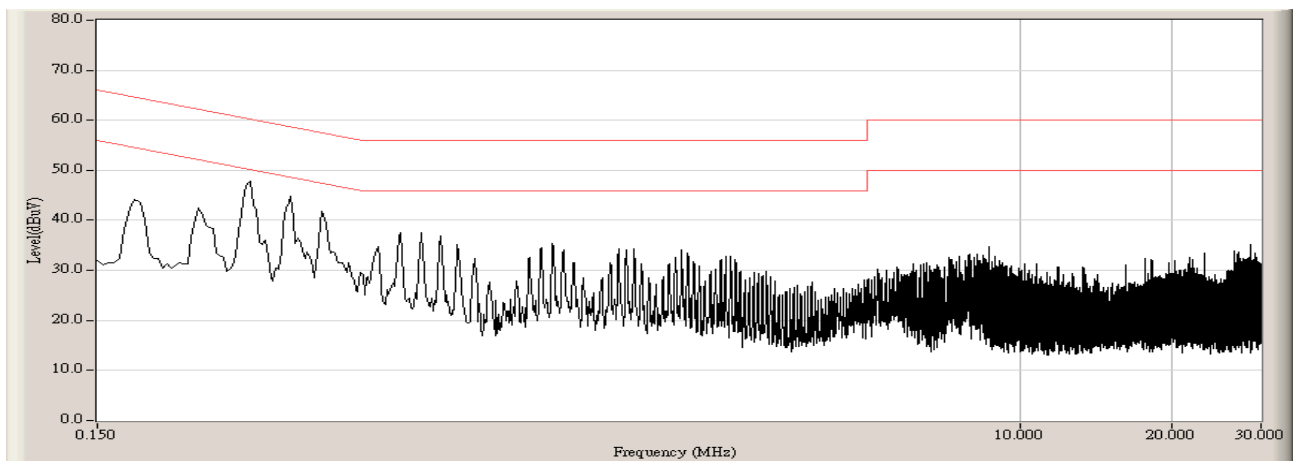


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.772	23.800	33.572	-21.628	55.200	AVERAGE
2	*	0.238	9.325	32.200	41.525	-11.961	53.486	AVERAGE
3		0.302	9.403	25.300	34.703	-16.954	51.657	AVERAGE
4		0.358	9.469	17.900	27.369	-22.688	50.057	AVERAGE
5		0.418	9.529	15.600	25.129	-23.214	48.343	AVERAGE
6		0.718	9.694	12.100	21.794	-24.206	46.000	AVERAGE

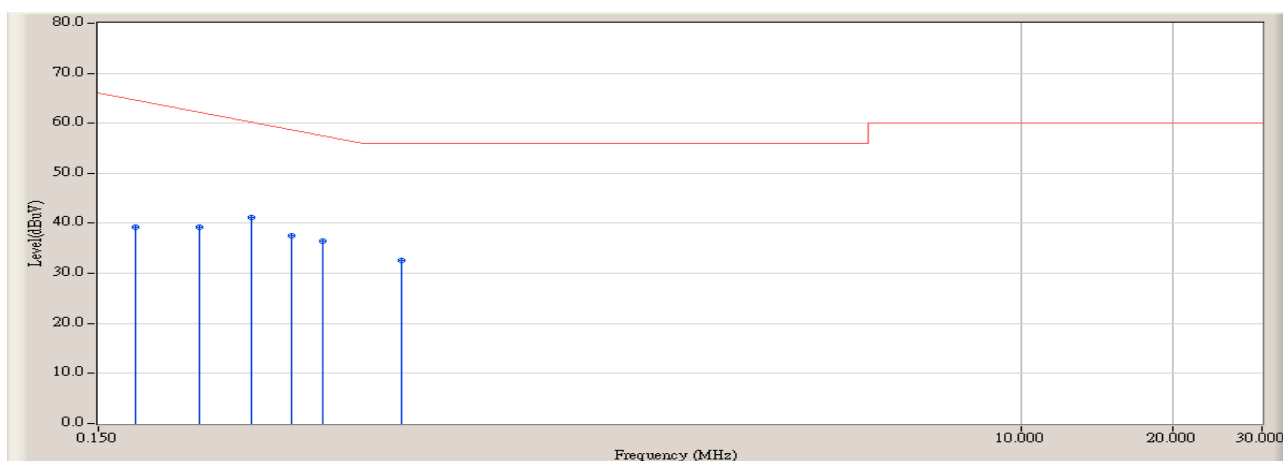
Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 19:52
Limit : FCC_SpartC_15.207_QP	Margin : 10
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2437MHz) 4.5dBi



Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 19:59
Limit : FCC_SpartC_15.207_QP	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2437MHz) 4.5dBi

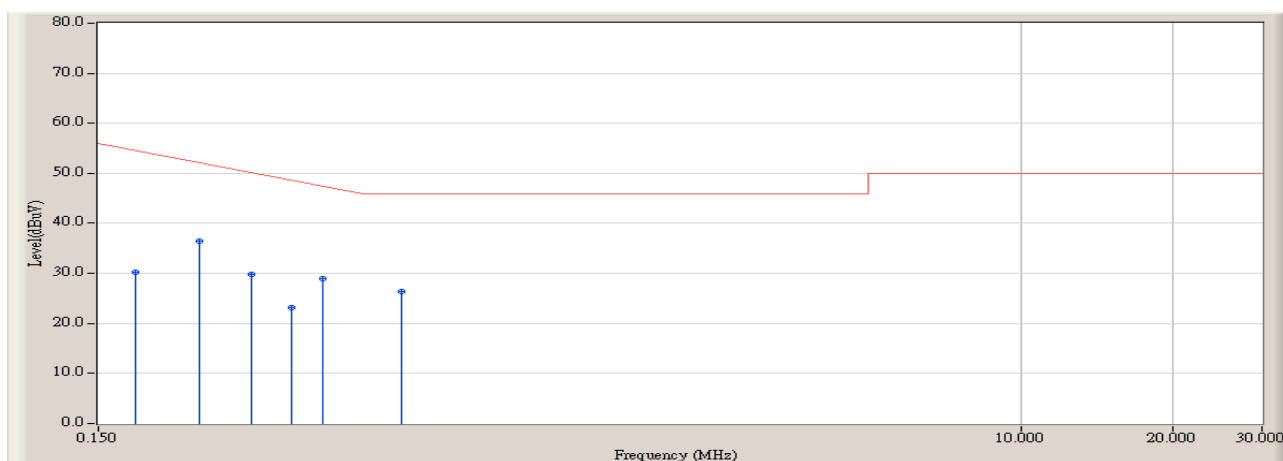


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.539	29.800	39.339	-25.861	65.200	QUASIPeAK
2		0.238	9.449	29.900	39.349	-24.137	63.486	QUASIPeAK
3	*	0.302	9.523	31.600	41.123	-20.534	61.657	QUASIPeAK
4		0.362	9.582	27.900	37.482	-22.461	59.943	QUASIPeAK
5		0.418	9.629	26.900	36.529	-21.814	58.343	QUASIPeAK
6		0.598	9.674	22.900	32.574	-23.426	56.000	QUASIPeAK

Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 19:59
Limit : FCC_SpartC_15.207_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2437MHz) 4.5dBi

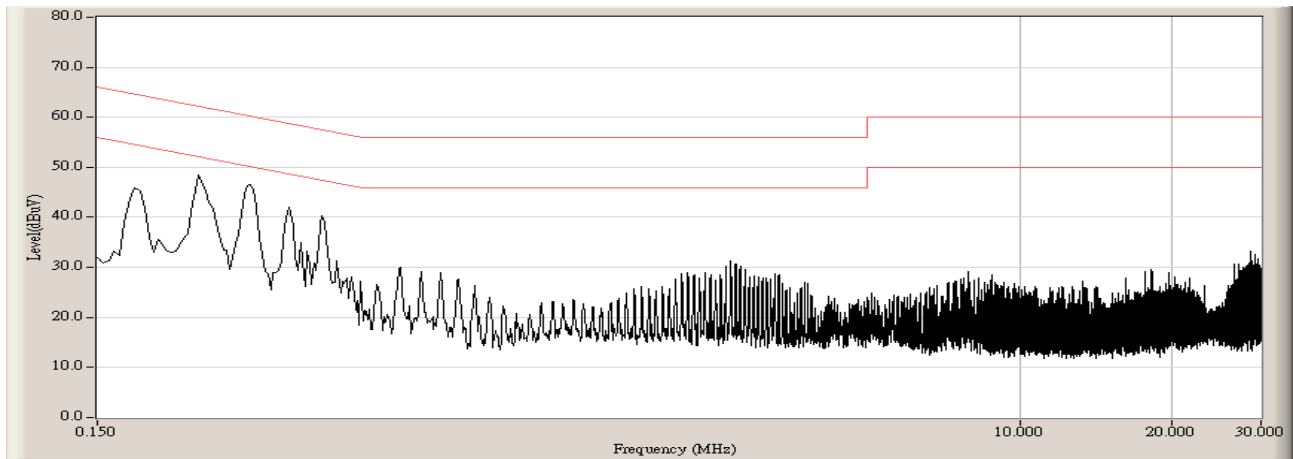


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.539	20.800	30.339	-24.861	55.200	AVERAGE
2	*	0.238	9.449	27.100	36.549	-16.937	53.486	AVERAGE
3		0.302	9.523	20.300	29.823	-21.834	51.657	AVERAGE
4		0.362	9.582	13.500	23.082	-26.861	49.943	AVERAGE
5		0.418	9.629	19.400	29.029	-19.314	48.343	AVERAGE
6		0.598	9.674	16.800	26.474	-19.526	46.000	AVERAGE

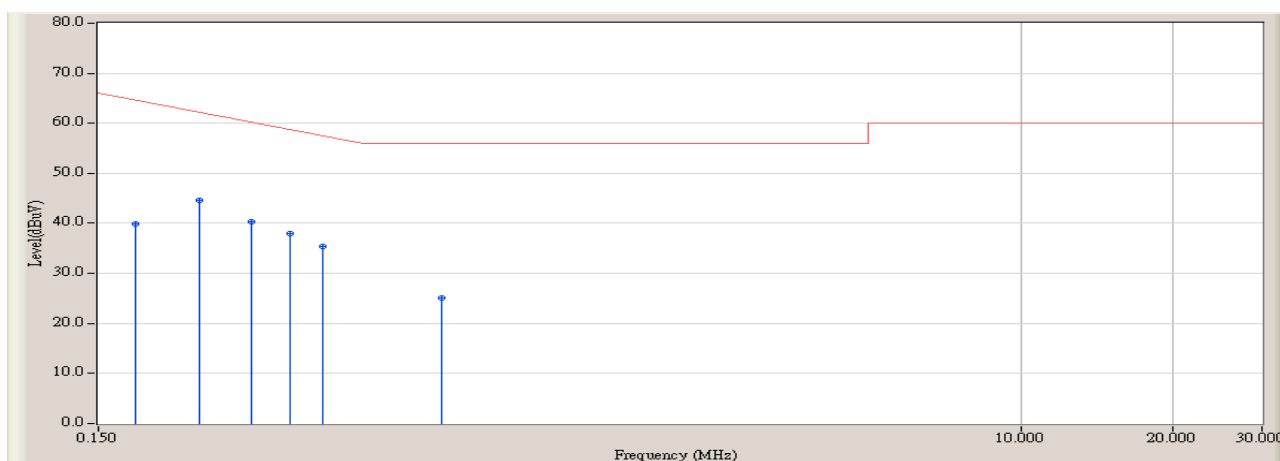
Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 18:14
Limit : FCC_SpartC_15.207_QP	Margin : 10
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2437MHz) 19dBi



Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 18:16
Limit : FCC_SpartC_15.207_QP	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2437MHz) 19dBi

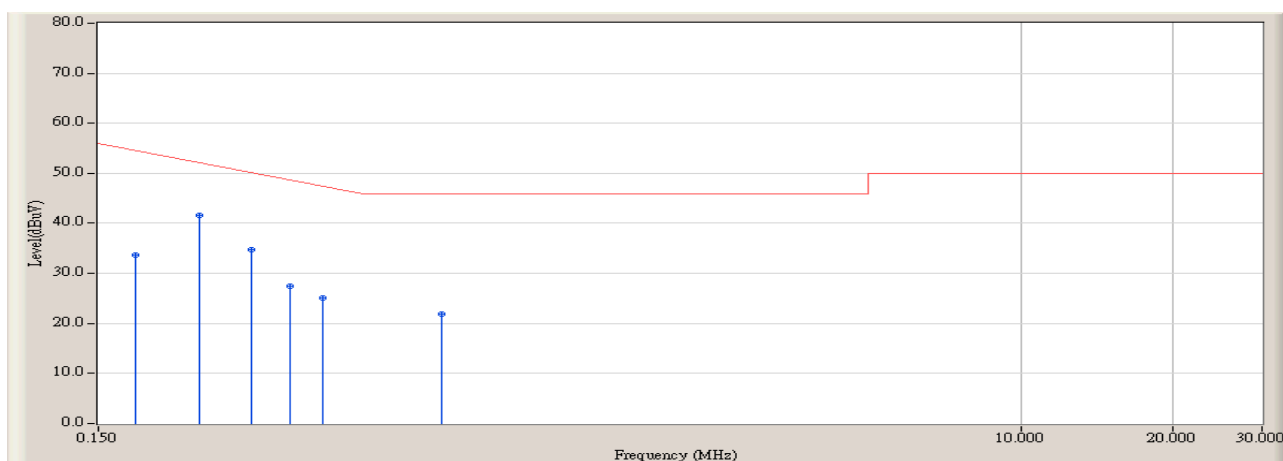


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.772	30.200	39.972	-25.228	65.200	QUASIPeAK
2	*	0.238	9.325	35.200	44.525	-18.961	63.486	QUASIPeAK
3		0.302	9.403	31.000	40.403	-21.254	61.657	QUASIPeAK
4		0.358	9.469	28.600	38.069	-21.988	60.057	QUASIPeAK
5		0.418	9.529	25.900	35.429	-22.914	58.343	QUASIPeAK
6		0.718	9.694	15.300	24.994	-31.006	56.000	QUASIPeAK

Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 18:16
Limit : FCC_SpartC_15.207_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2437MHz) 19dBi

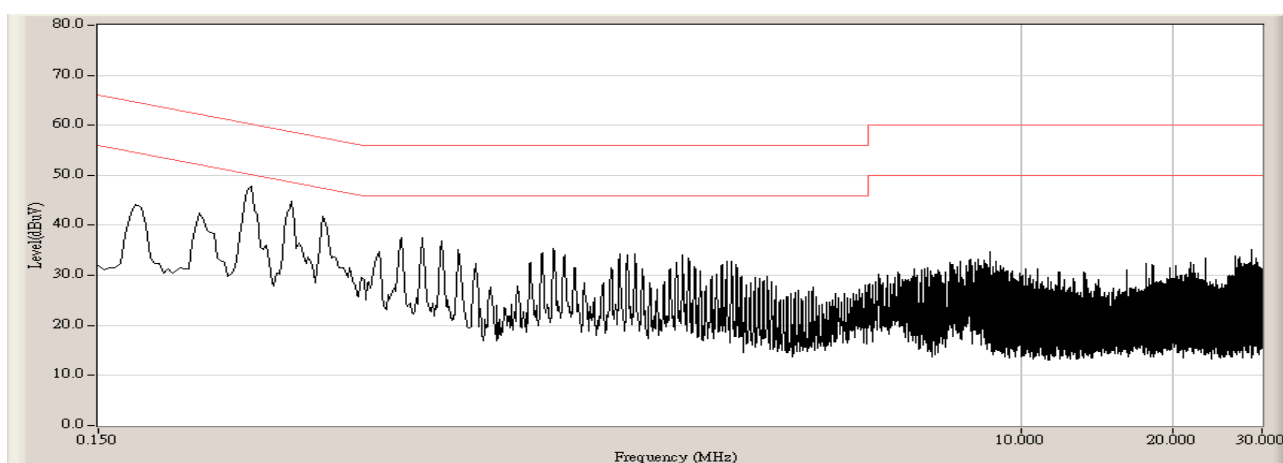


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.772	23.800	33.572	-21.628	55.200	AVERAGE
2	*	0.238	9.325	32.200	41.525	-11.961	53.486	AVERAGE
3		0.302	9.403	25.300	34.703	-16.954	51.657	AVERAGE
4		0.358	9.469	17.900	27.369	-22.688	50.057	AVERAGE
5		0.418	9.529	15.600	25.129	-23.214	48.343	AVERAGE
6		0.718	9.694	12.100	21.794	-24.206	46.000	AVERAGE

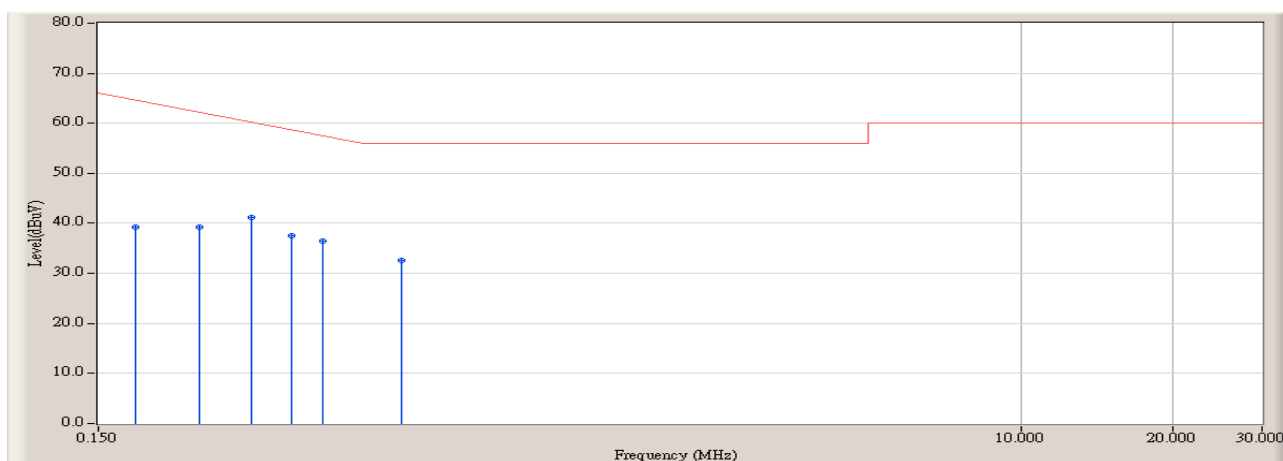
Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 18:24
Limit : FCC_SpartC_15.207_QP	Margin : 10
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2437MHz) 19dBi



Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 18:27
Limit : FCC_SpartC_15.207_QP	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2437MHz) 19dBi

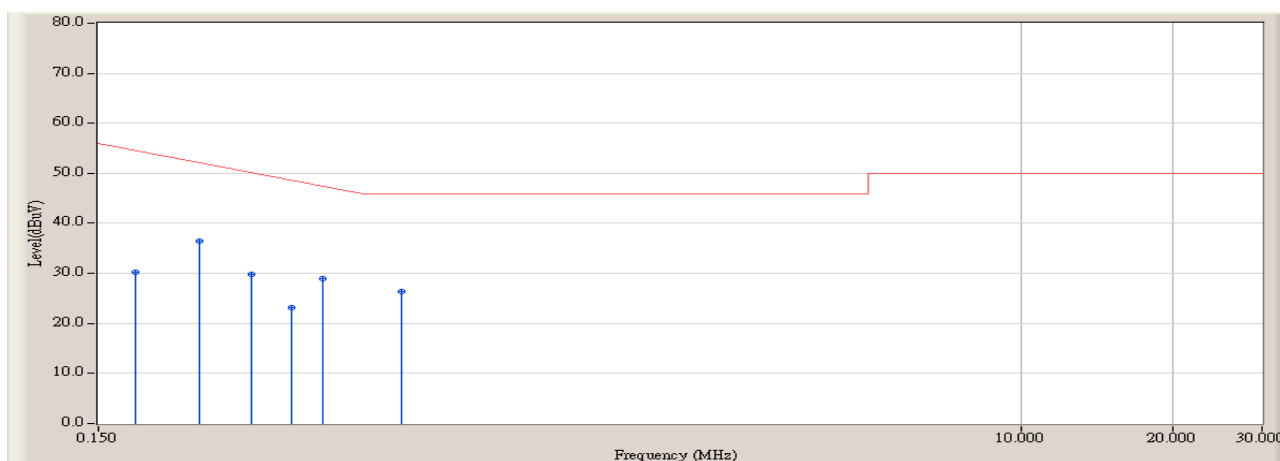


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.539	29.800	39.339	-25.861	65.200	QUASIPeAK
2		0.238	9.449	29.900	39.349	-24.137	63.486	QUASIPeAK
3	*	0.302	9.523	31.600	41.123	-20.534	61.657	QUASIPeAK
4		0.362	9.582	27.900	37.482	-22.461	59.943	QUASIPeAK
5		0.418	9.629	26.900	36.529	-21.814	58.343	QUASIPeAK
6		0.598	9.674	22.900	32.574	-23.426	56.000	QUASIPeAK

Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 18:27
Limit : FCC_SpartC_15.207_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2437MHz) 19dBi

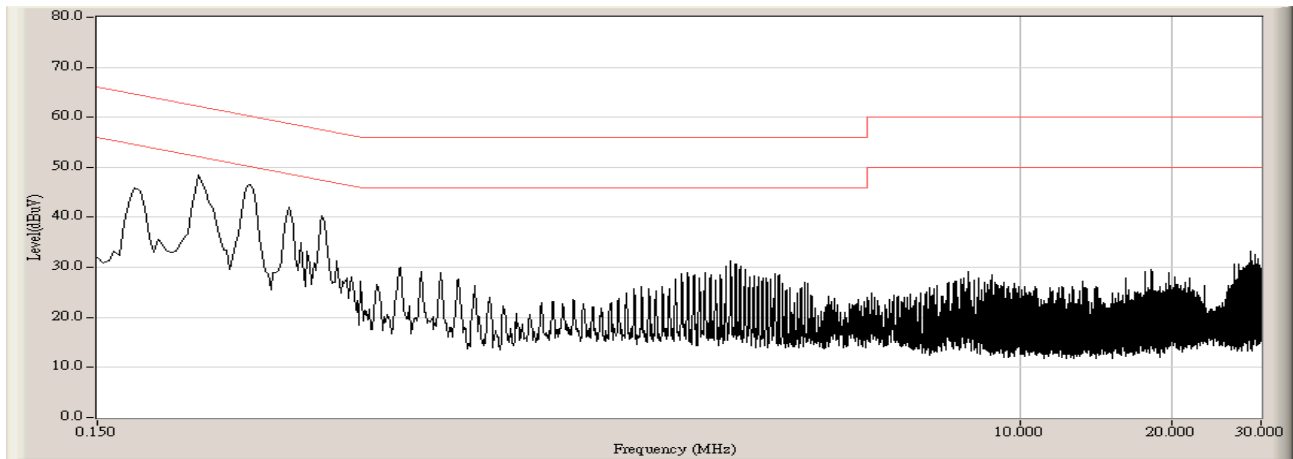


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.539	20.800	30.339	-24.861	55.200	AVERAGE
2	*	0.238	9.449	27.100	36.549	-16.937	53.486	AVERAGE
3		0.302	9.523	20.300	29.823	-21.834	51.657	AVERAGE
4		0.362	9.582	13.500	23.082	-26.861	49.943	AVERAGE
5		0.418	9.629	19.400	29.029	-19.314	48.343	AVERAGE
6		0.598	9.674	16.800	26.474	-19.526	46.000	AVERAGE

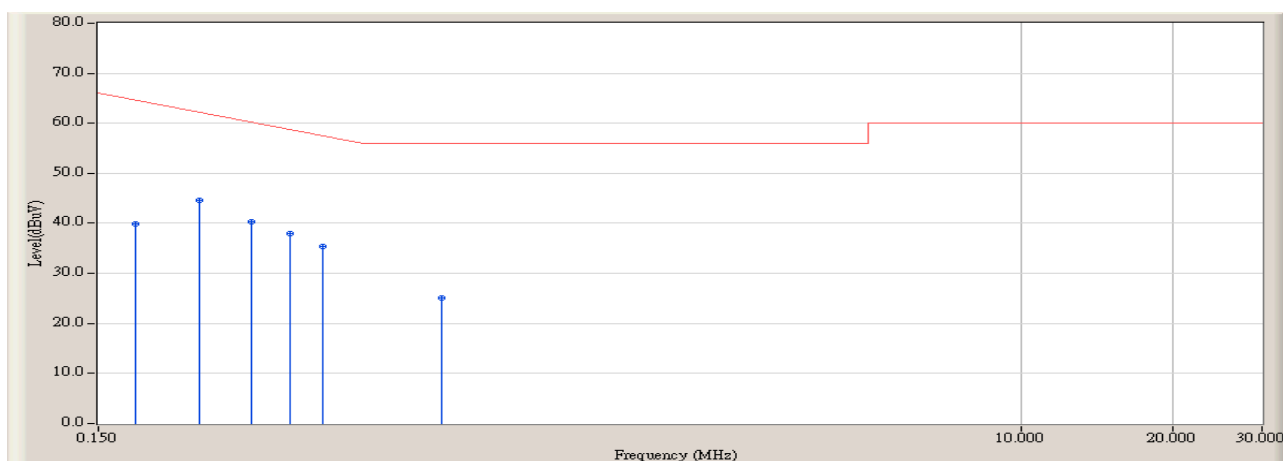
Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 18:44
Limit : FCC_SpartC_15.207_QP	Margin : 10
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2437MHz) 4.5dBi



Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 18:50
Limit : FCC_SpartC_15.207_QP	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2437MHz) 4.5dBi

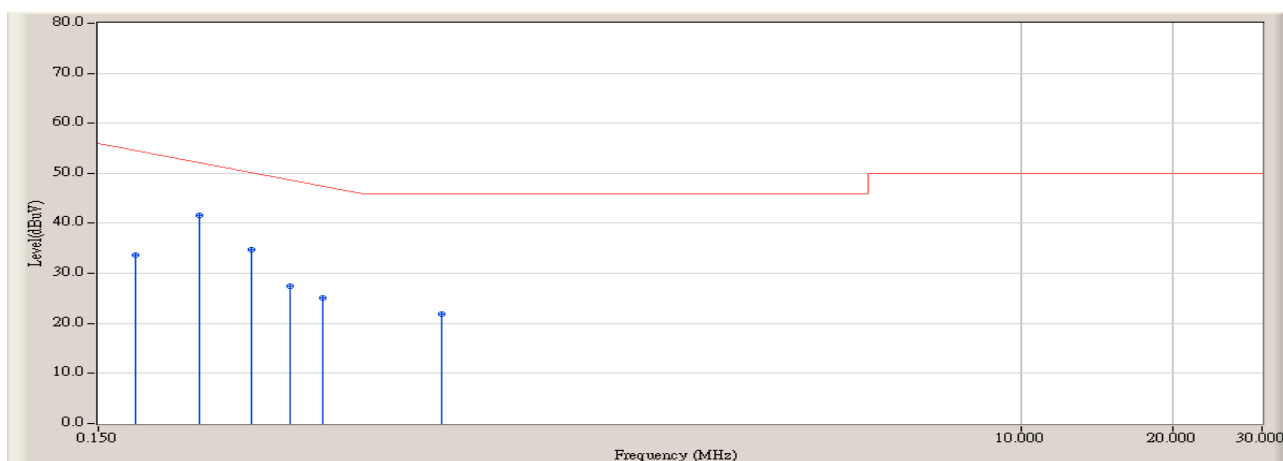


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.772	30.200	39.972	-25.228	65.200	QUASIPeAK
2	*	0.238	9.325	35.200	44.525	-18.961	63.486	QUASIPeAK
3		0.302	9.403	31.000	40.403	-21.254	61.657	QUASIPeAK
4		0.358	9.469	28.600	38.069	-21.988	60.057	QUASIPeAK
5		0.418	9.529	25.900	35.429	-22.914	58.343	QUASIPeAK
6		0.718	9.694	15.300	24.994	-31.006	56.000	QUASIPeAK

Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 18:50
Limit : FCC_SpartC_15.207_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2437MHz) 4.5dBi

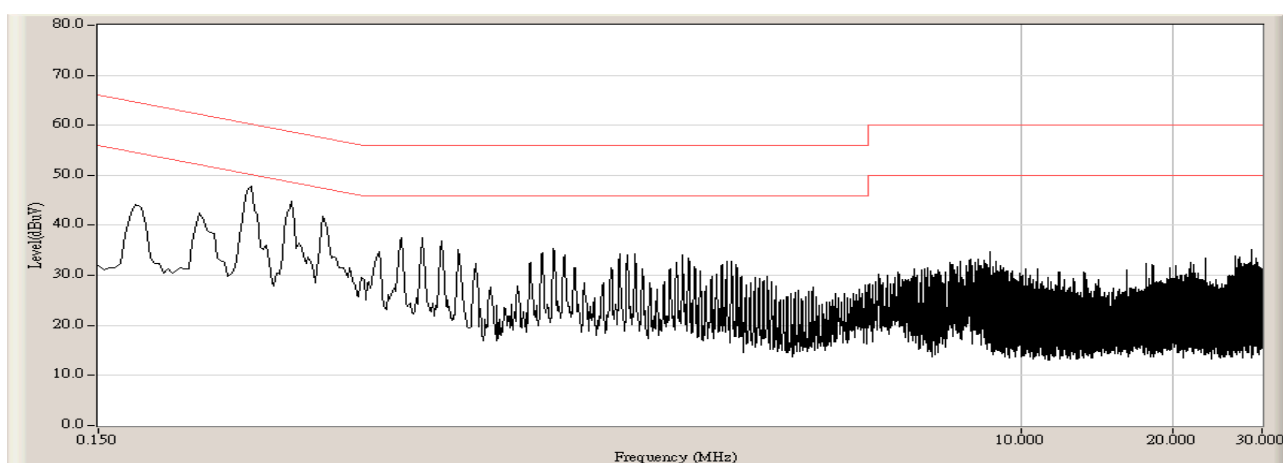


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.772	23.800	33.572	-21.628	55.200	AVERAGE
2	*	0.238	9.325	32.200	41.525	-11.961	53.486	AVERAGE
3		0.302	9.403	25.300	34.703	-16.954	51.657	AVERAGE
4		0.358	9.469	17.900	27.369	-22.688	50.057	AVERAGE
5		0.418	9.529	15.600	25.129	-23.214	48.343	AVERAGE
6		0.718	9.694	12.100	21.794	-24.206	46.000	AVERAGE

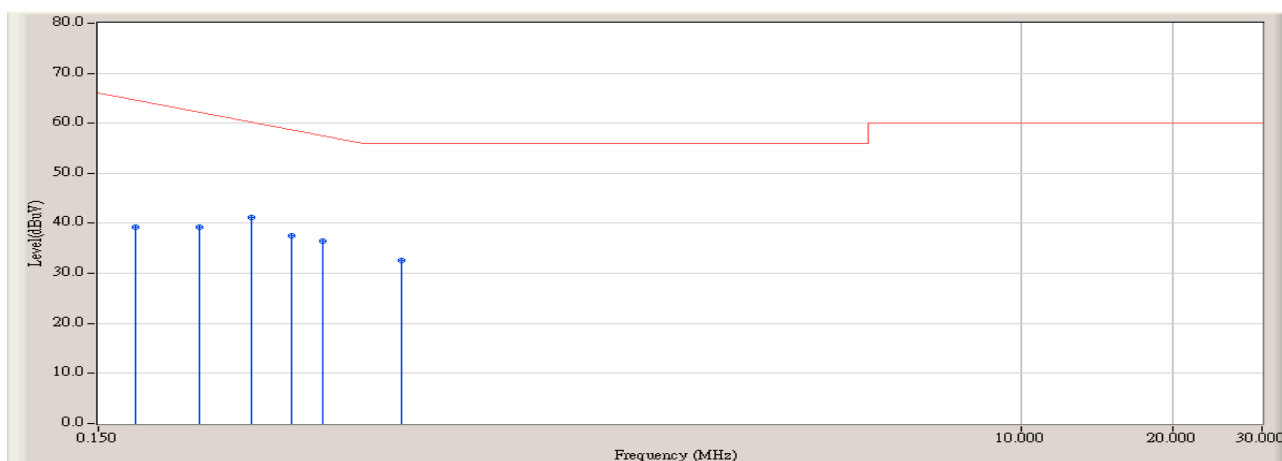
Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 18:52
Limit : FCC_SpartC_15.207_QP	Margin : 10
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2437MHz) 4.5dBi



Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 18:59
Limit : FCC_SpartC_15.207_QP	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2437MHz) 4.5dBi

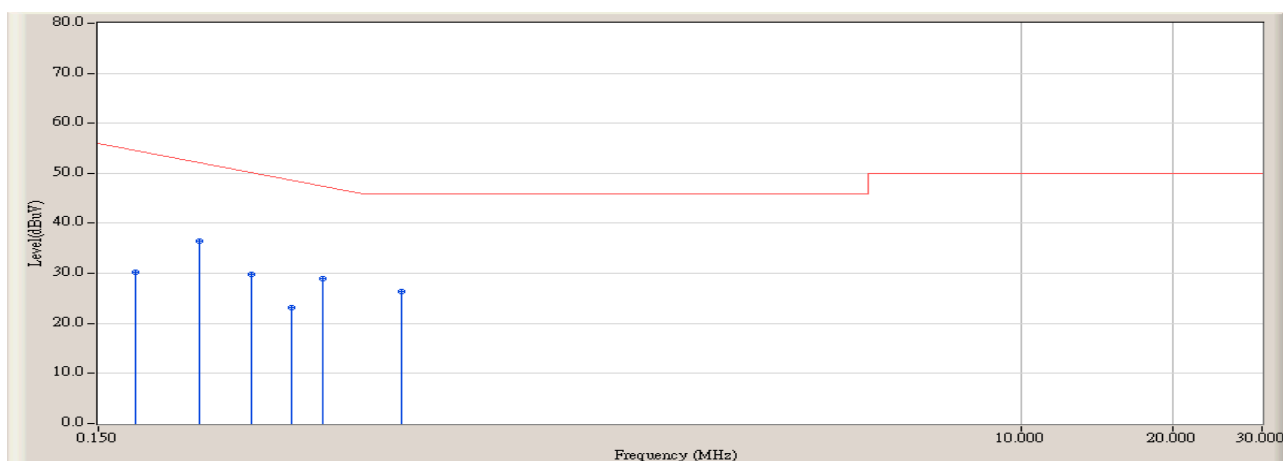


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.539	29.800	39.339	-25.861	65.200	QUASIPeAK
2		0.238	9.449	29.900	39.349	-24.137	63.486	QUASIPeAK
3	*	0.302	9.523	31.600	41.123	-20.534	61.657	QUASIPeAK
4		0.362	9.582	27.900	37.482	-22.461	59.943	QUASIPeAK
5		0.418	9.629	26.900	36.529	-21.814	58.343	QUASIPeAK
6		0.598	9.674	22.900	32.574	-23.426	56.000	QUASIPeAK

Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 18:59
Limit : FCC_SpartC_15.207_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2437MHz) 4.5dBi

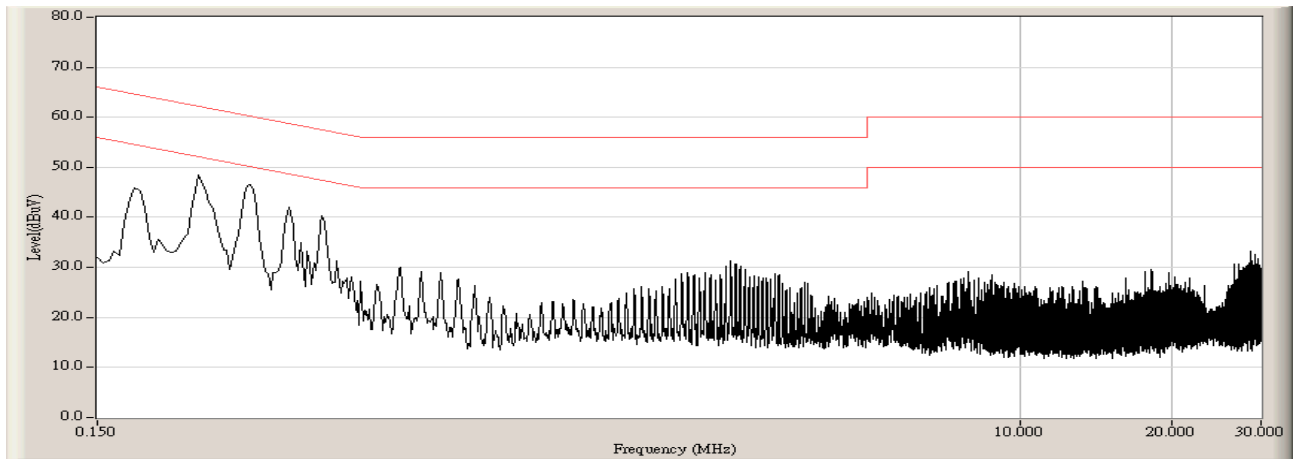


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.539	20.800	30.339	-24.861	55.200	AVERAGE
2	*	0.238	9.449	27.100	36.549	-16.937	53.486	AVERAGE
3		0.302	9.523	20.300	29.823	-21.834	51.657	AVERAGE
4		0.362	9.582	13.500	23.082	-26.861	49.943	AVERAGE
5		0.418	9.629	19.400	29.029	-19.314	48.343	AVERAGE
6		0.598	9.674	16.800	26.474	-19.526	46.000	AVERAGE

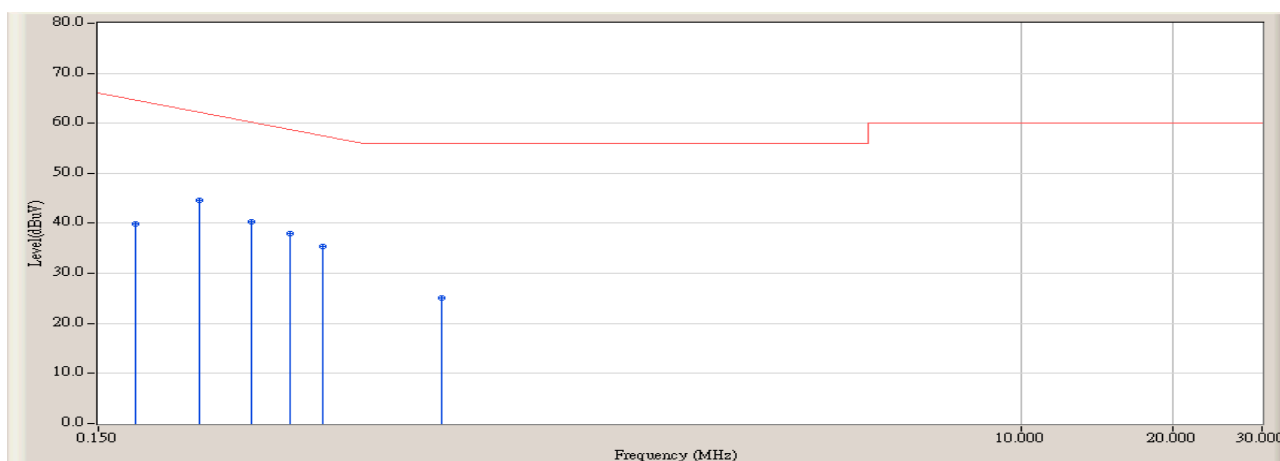
Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 17:14
Limit : FCC_SpartC_15.207_QP	Margin : 10
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5785MHz) 23dBi



Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 17:16
Limit : FCC_SpartC_15.207_QP	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5785MHz) 23dBi

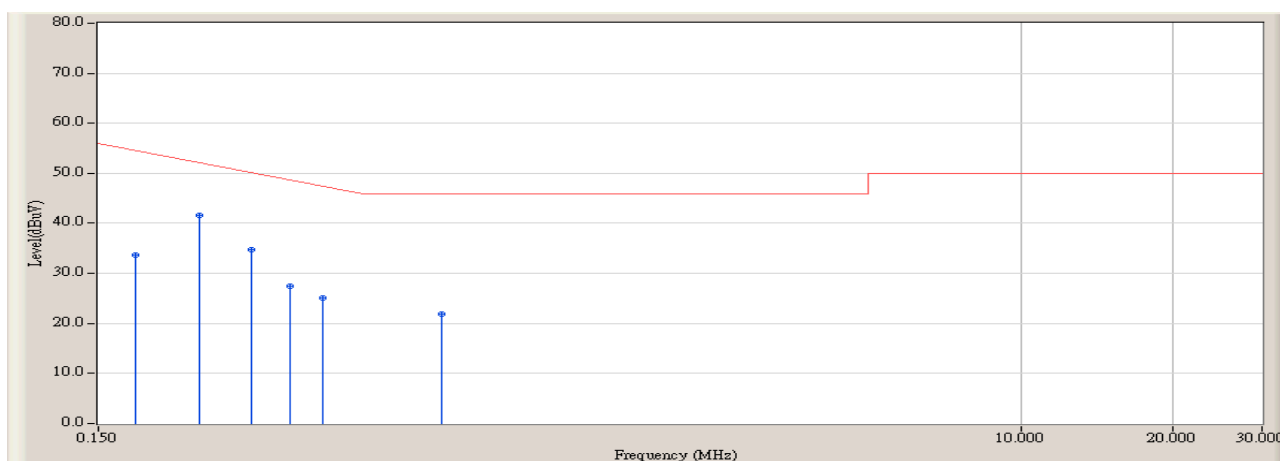


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.772	30.200	39.972	-25.228	65.200	QUASIPeAK
2	*	0.238	9.325	35.200	44.525	-18.961	63.486	QUASIPeAK
3		0.302	9.403	31.000	40.403	-21.254	61.657	QUASIPeAK
4		0.358	9.469	28.600	38.069	-21.988	60.057	QUASIPeAK
5		0.418	9.529	25.900	35.429	-22.914	58.343	QUASIPeAK
6		0.718	9.694	15.300	24.994	-31.006	56.000	QUASIPeAK

Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 17:16
Limit : FCC_SpartC_15.207_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5785MHz) 23dBi

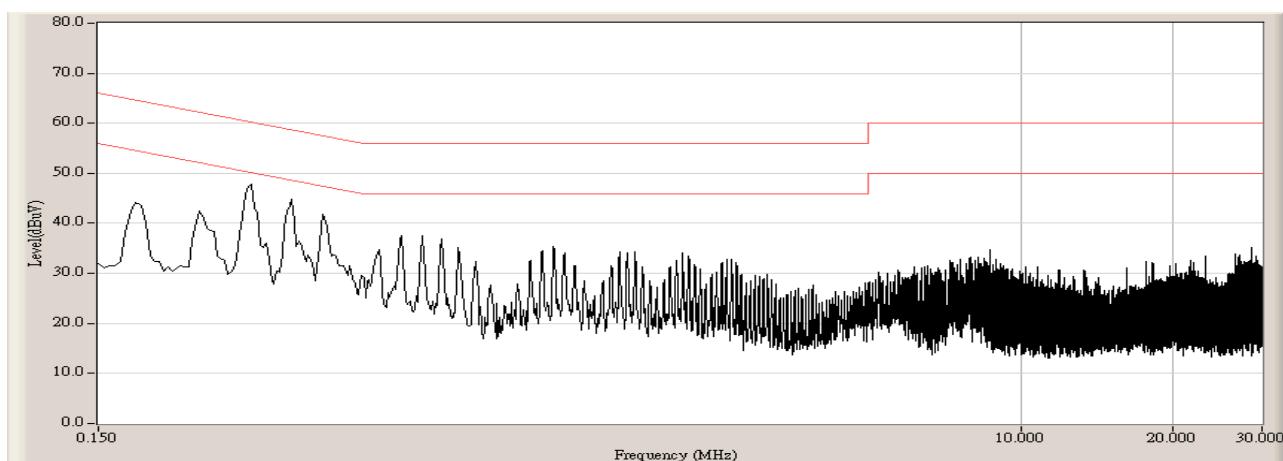


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.772	23.800	33.572	-21.628	55.200	AVERAGE
2	*	0.238	9.325	32.200	41.525	-11.961	53.486	AVERAGE
3		0.302	9.403	25.300	34.703	-16.954	51.657	AVERAGE
4		0.358	9.469	17.900	27.369	-22.688	50.057	AVERAGE
5		0.418	9.529	15.600	25.129	-23.214	48.343	AVERAGE
6		0.718	9.694	12.100	21.794	-24.206	46.000	AVERAGE

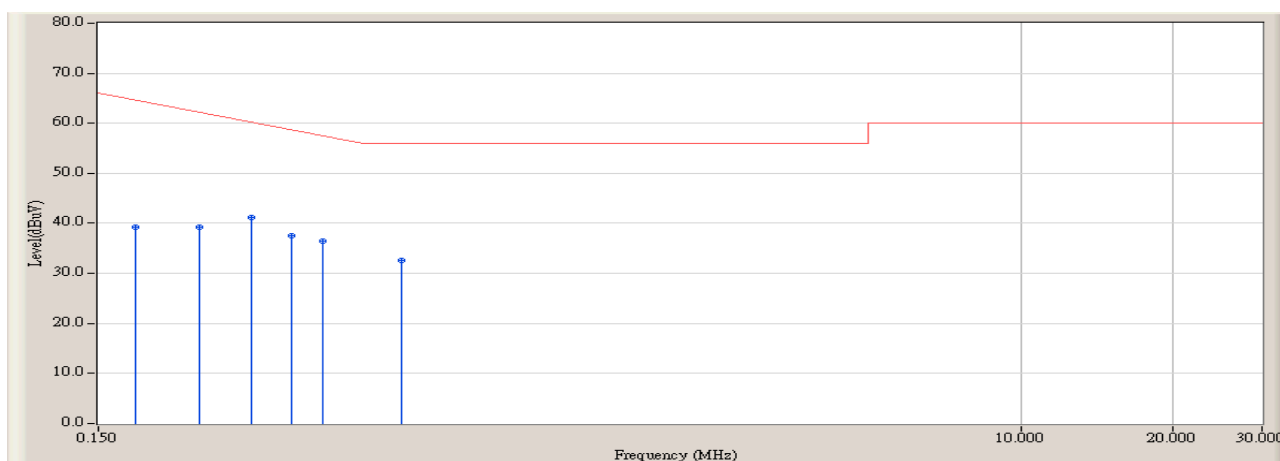
Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 17:24
Limit : FCC_SpartC_15.207_QP	Margin : 10
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5785MHz) 23dBi



Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 17:27
Limit : FCC_SpartC_15.207_QP	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5785MHz) 23dBi

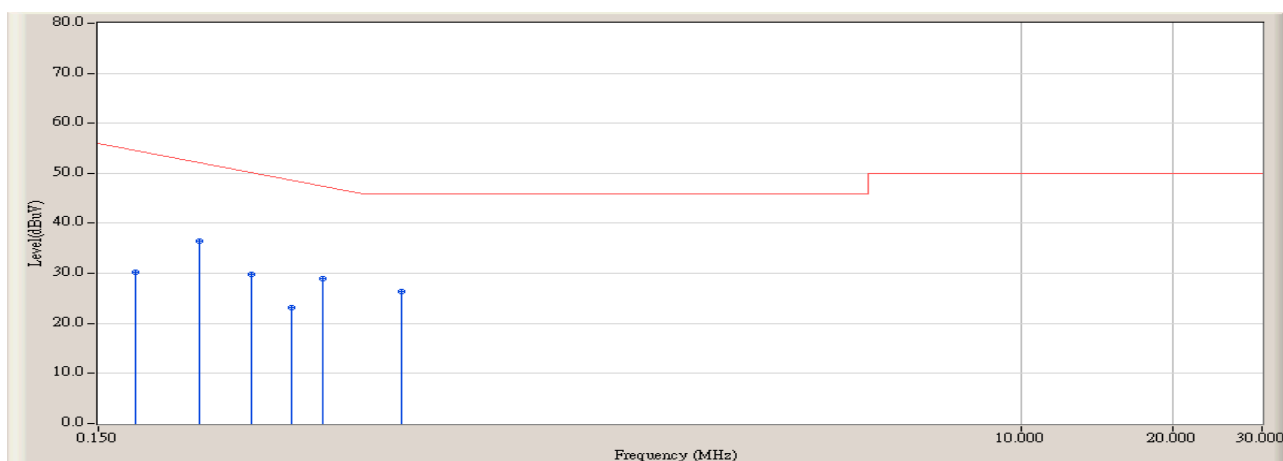


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.539	29.800	39.339	-25.861	65.200	QUASIPeAK
2		0.238	9.449	29.900	39.349	-24.137	63.486	QUASIPeAK
3	*	0.302	9.523	31.600	41.123	-20.534	61.657	QUASIPeAK
4		0.362	9.582	27.900	37.482	-22.461	59.943	QUASIPeAK
5		0.418	9.629	26.900	36.529	-21.814	58.343	QUASIPeAK
6		0.598	9.674	22.900	32.574	-23.426	56.000	QUASIPeAK

Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 17:27
Limit : FCC_SpartC_15.207_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5785MHz) 23dBi

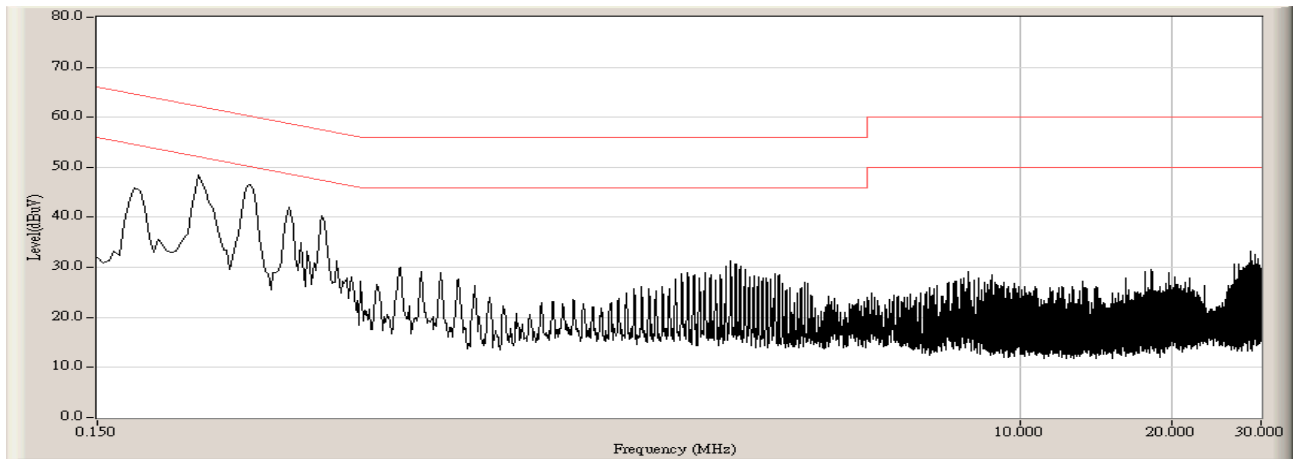


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.539	20.800	30.339	-24.861	55.200	AVERAGE
2	*	0.238	9.449	27.100	36.549	-16.937	53.486	AVERAGE
3		0.302	9.523	20.300	29.823	-21.834	51.657	AVERAGE
4		0.362	9.582	13.500	23.082	-26.861	49.943	AVERAGE
5		0.418	9.629	19.400	29.029	-19.314	48.343	AVERAGE
6		0.598	9.674	16.800	26.474	-19.526	46.000	AVERAGE

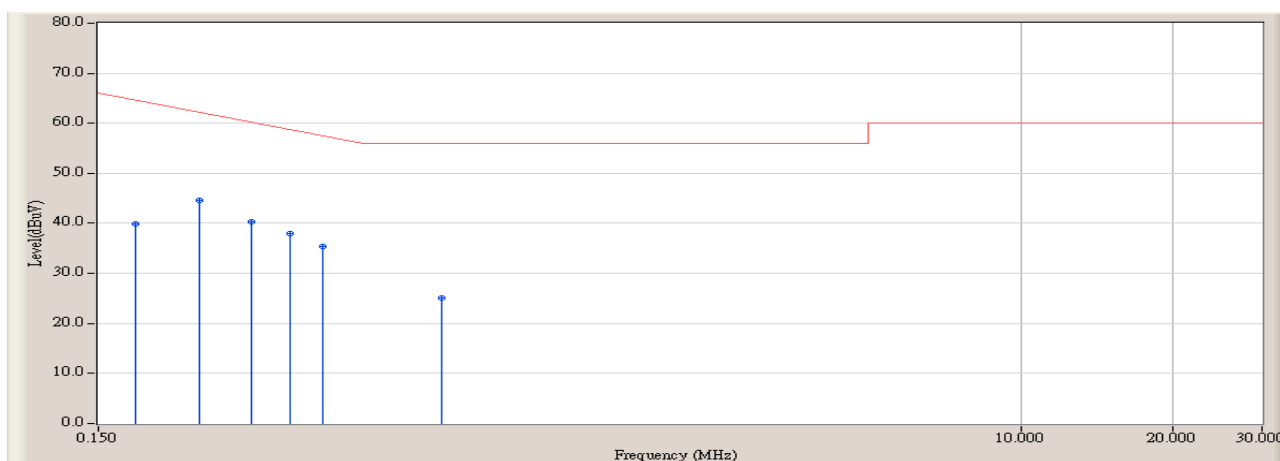
Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 17:44
Limit : FCC_SpartC_15.207_QP	Margin : 10
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5785MHz) 7dBi



Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 17:50
Limit : FCC_SpartC_15.207_QP	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5785MHz) 7dBi

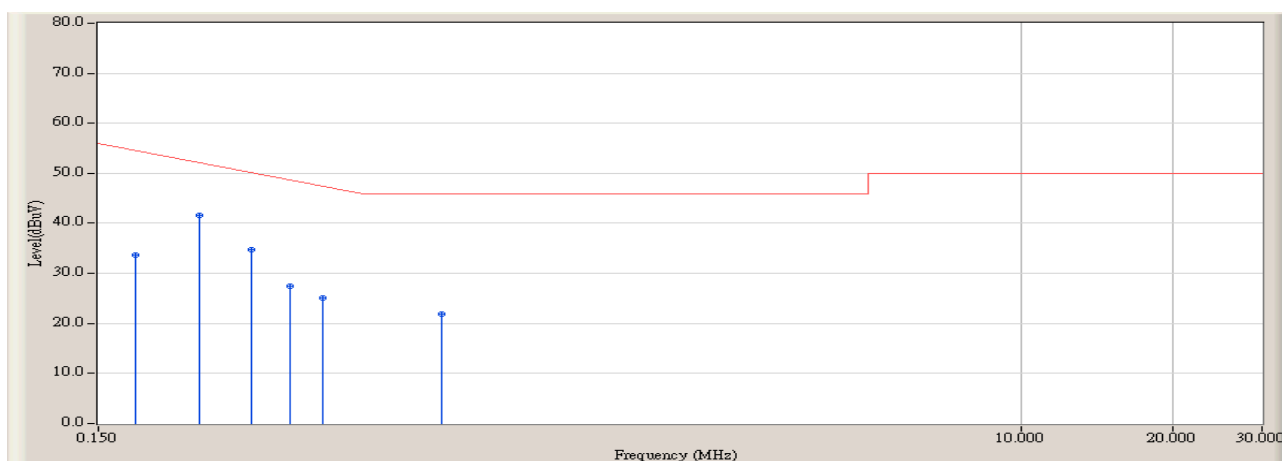


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.772	30.200	39.972	-25.228	65.200	QUASIPeAK
2	*	0.238	9.325	35.200	44.525	-18.961	63.486	QUASIPeAK
3		0.302	9.403	31.000	40.403	-21.254	61.657	QUASIPeAK
4		0.358	9.469	28.600	38.069	-21.988	60.057	QUASIPeAK
5		0.418	9.529	25.900	35.429	-22.914	58.343	QUASIPeAK
6		0.718	9.694	15.300	24.994	-31.006	56.000	QUASIPeAK

Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 17:50
Limit : FCC_SpartC_15.207_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line1
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5785MHz) 7dBi

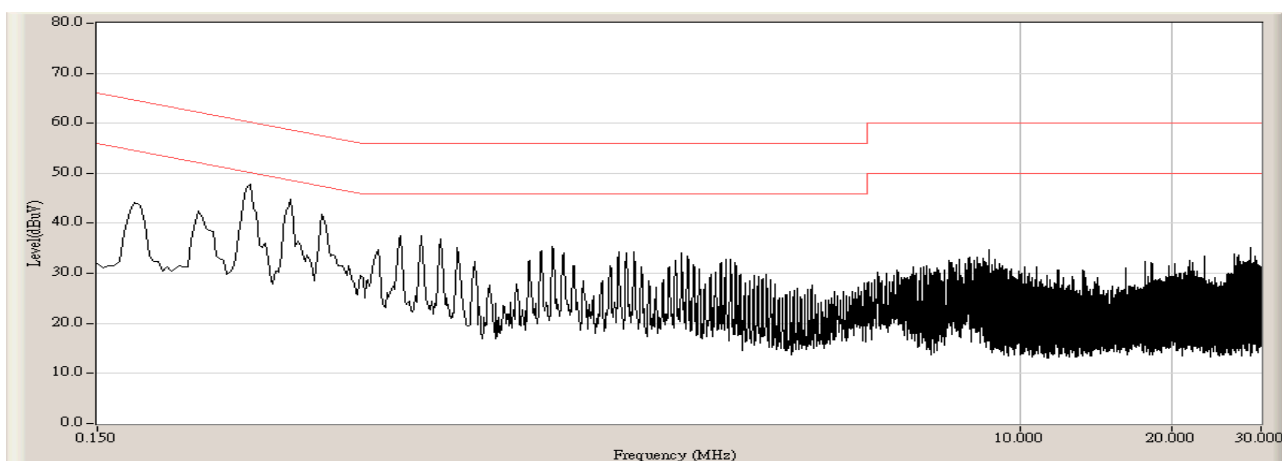


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.772	23.800	33.572	-21.628	55.200	AVERAGE
2	*	0.238	9.325	32.200	41.525	-11.961	53.486	AVERAGE
3		0.302	9.403	25.300	34.703	-16.954	51.657	AVERAGE
4		0.358	9.469	17.900	27.369	-22.688	50.057	AVERAGE
5		0.418	9.529	15.600	25.129	-23.214	48.343	AVERAGE
6		0.718	9.694	12.100	21.794	-24.206	46.000	AVERAGE

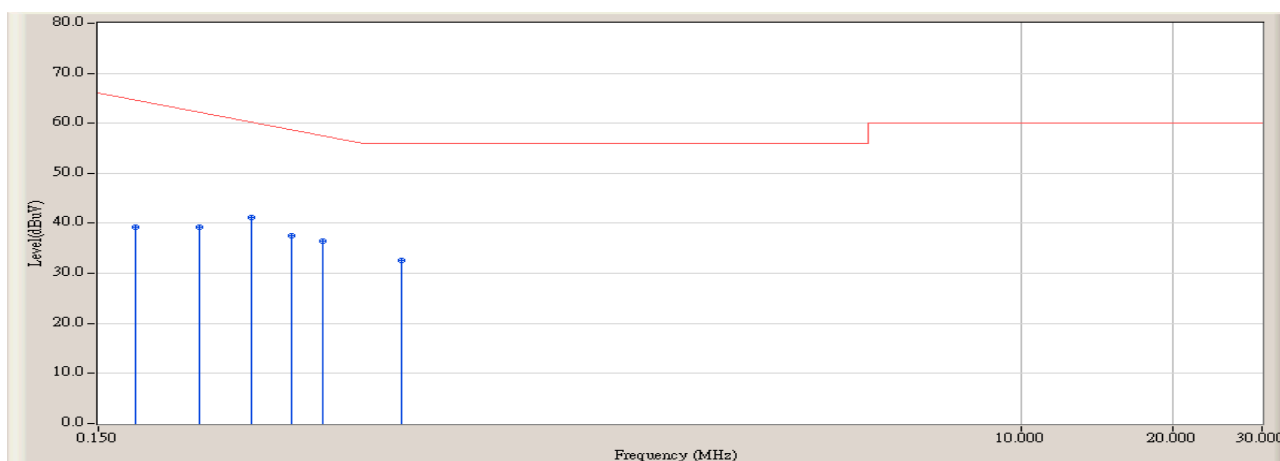
Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 17:52
Limit : FCC_SpartC_15.207_QP	Margin : 10
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5785MHz) 7dBi



Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 17:59
Limit : FCC_SpartC_15.207_QP	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5785MHz) 7dBi

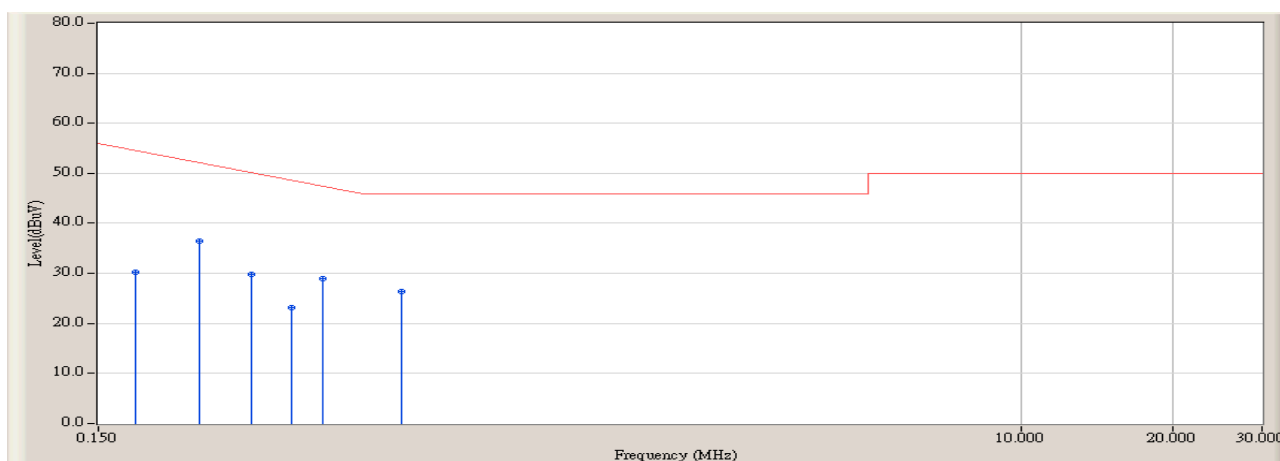


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.539	29.800	39.339	-25.861	65.200	QUASIPeAK
2		0.238	9.449	29.900	39.349	-24.137	63.486	QUASIPeAK
3	*	0.302	9.523	31.600	41.123	-20.534	61.657	QUASIPeAK
4		0.362	9.582	27.900	37.482	-22.461	59.943	QUASIPeAK
5		0.418	9.629	26.900	36.529	-21.814	58.343	QUASIPeAK
6		0.598	9.674	22.900	32.574	-23.426	56.000	QUASIPeAK

Note:

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

Engineer : Marlin	
Site : SR-1 (Conducted Emission)	Time : 2007/06/23 - 17:59
Limit : FCC_SpartC_15.207_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : ENV216 - Line2
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5785MHz) 7dBi



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.539	20.800	30.339	-24.861	55.200	AVERAGE
2	*	0.238	9.449	27.100	36.549	-16.937	53.486	AVERAGE
3		0.302	9.523	20.300	29.823	-21.834	51.657	AVERAGE
4		0.362	9.582	13.500	23.082	-26.861	49.943	AVERAGE
5		0.418	9.629	19.400	29.029	-19.314	48.343	AVERAGE
6		0.598	9.674	16.800	26.474	-19.526	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 802.11b (19dBi)

Description: Front View of Conduction Test



Test Mode: Mode 1: Transmit by 802.11b (19dBi)

Description: Back View of Conduction Test



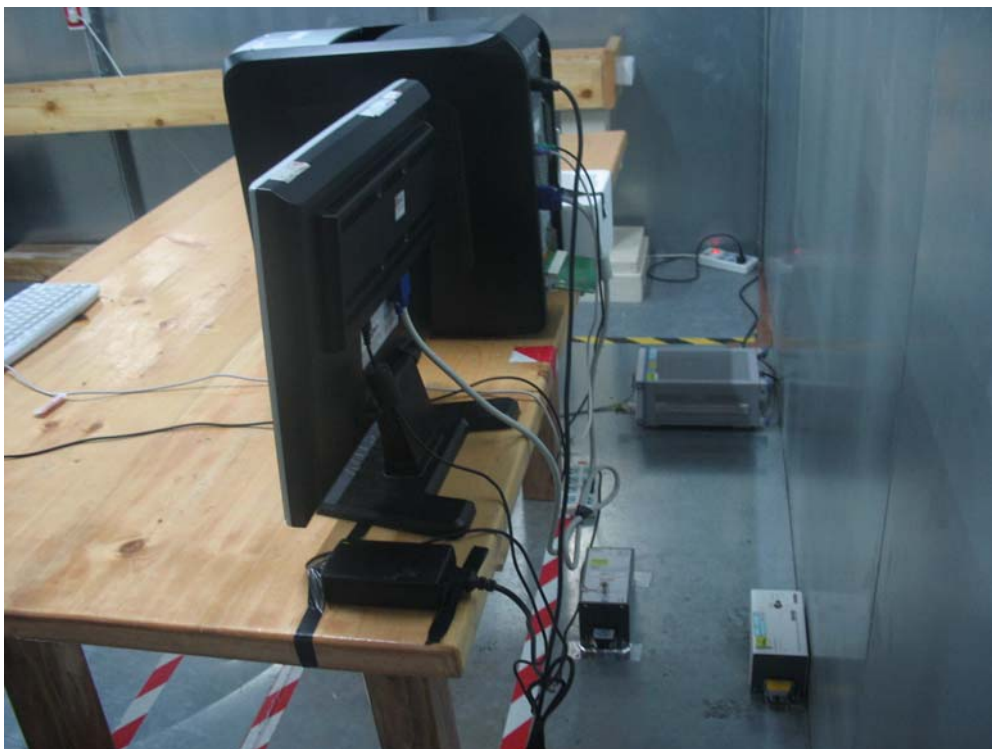
Test Mode: Mode 1: Transmit by 802.11b (4.5dBi)

Description: Front View of Conduction Test



Test Mode: Mode 1: Transmit by 802.11b (4.5dBi)

Description: Back View of Conduction Test



Test Mode: Mode 2: Transmit by 802.11g (19dBi)

Description: Front View of Conduction Test



Test Mode: Mode 2: Transmit by 802.11g (19dBi)

Description: Back View of Conduction Test



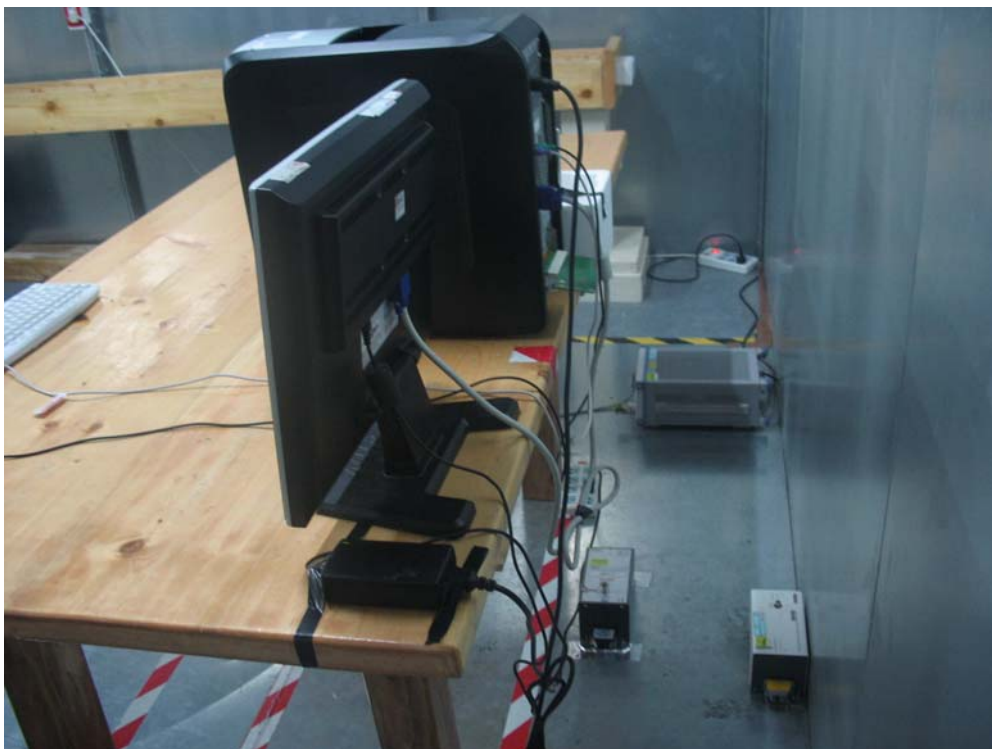
Test Mode: Mode 2: Transmit by 802.11g (4.5dBi)

Description: Front View of Conduction Test



Test Mode: Mode 2: Transmit by 802.11g (4.5dBi)

Description: Back View of Conduction Test



Test Mode: Mode 3: Transmit by 802.11a (23dBi)

Description: Front View of Conduction Test



Test Mode: Mode 3: Transmit by 802.11a (23dBi)

Description: Back View of Conduction Test



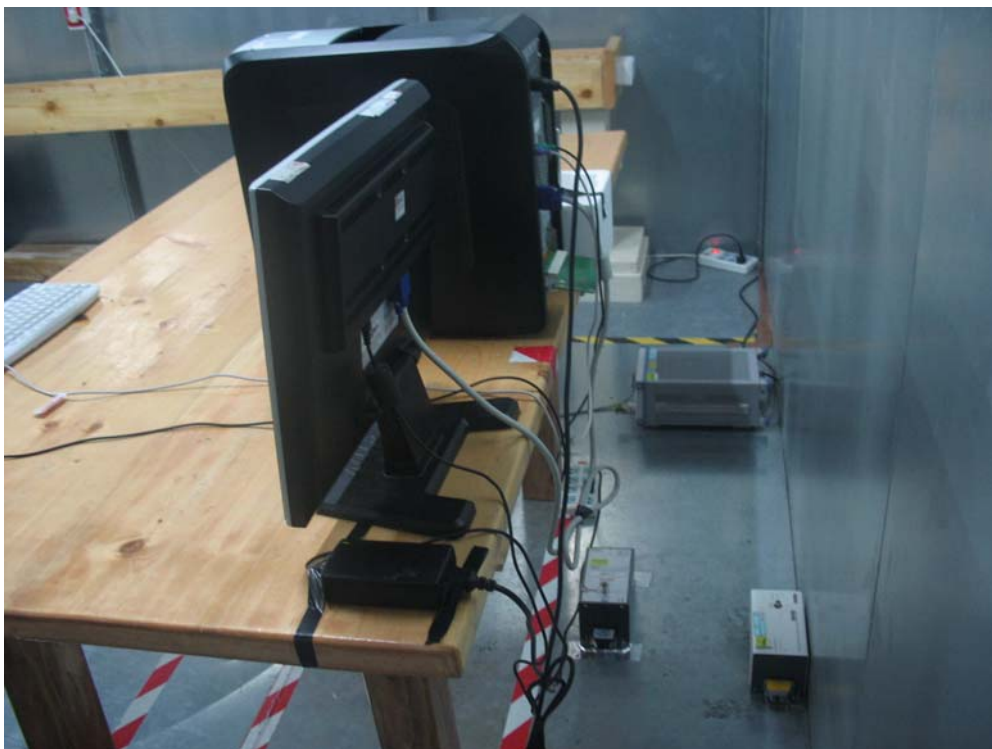
Test Mode: Mode 3: Transmit by 802.11a (7dBi)

Description: Front View of Conduction Test



Test Mode: Mode 3: Transmit by 802.11a (7dBi)

Description: Back View of Conduction Test



4. Radiated Emission

4.1. Test Equipment

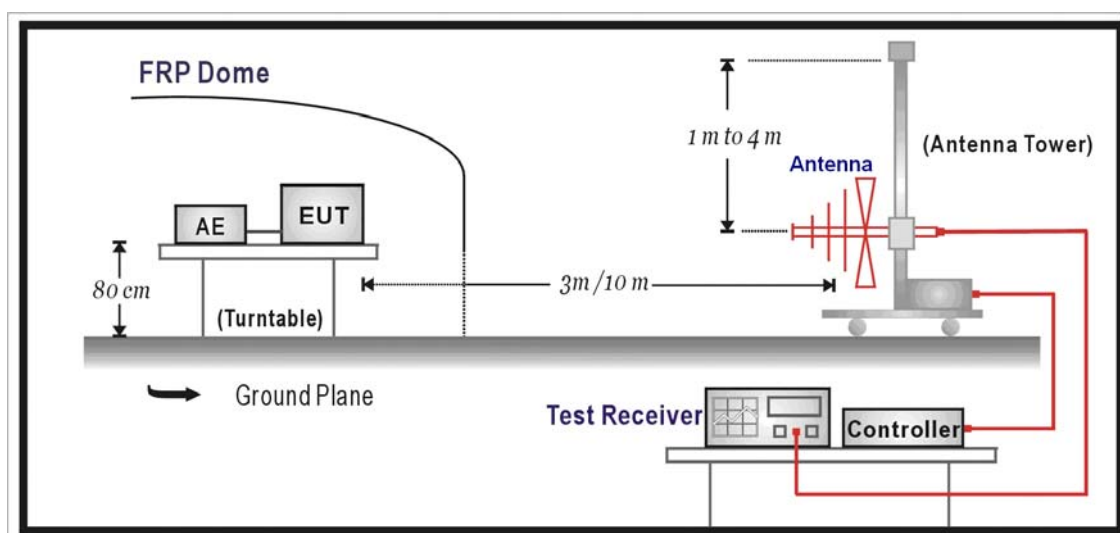
Radiated Emission / AC-2

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Spectrum Analyzer	Agilent	E4408B	MY45102679	2006/11/20
EMI Test Receiver	R&S	ESCI	100573	2007/05/23
Preamplifier	Quietek	AP-025C	QT-AP003	2006/11/25
Preamplifier	Quietek	AP-180C	CHM-0602013	2006/11/25
Preamplifier	Quietek	AP-400C	CHM-0602015	2006/11/25
Bilog Type Antenna	Schaffner	CBL6112B	2932	2006/11/22
*Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2005/11/25
*Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2005/11/25
50ohm Coaxial Switch	ANRITSU	MP59B	6200447304	2006/11/25
Coaxial Cable	Huber+Suhner	AC2-C	04	2006/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH002	2007/03/30

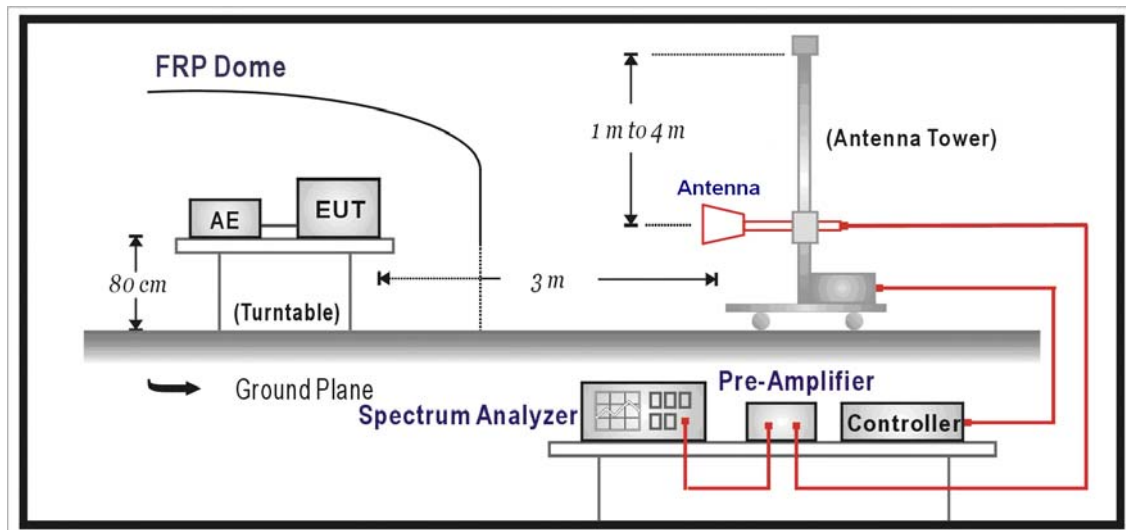
Note: "*" means the test device calibration period for two years.

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.

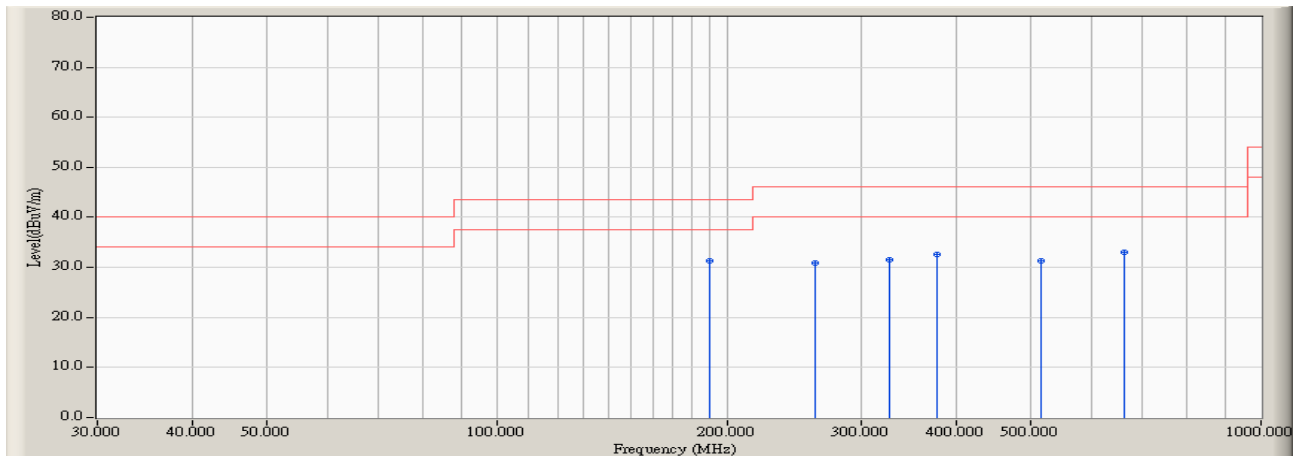
The frequency range from 30MHz to 10th harmonic is checked.

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 : Marlin	
Site : AC-2 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 09:38
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2412MHz) 19dBi

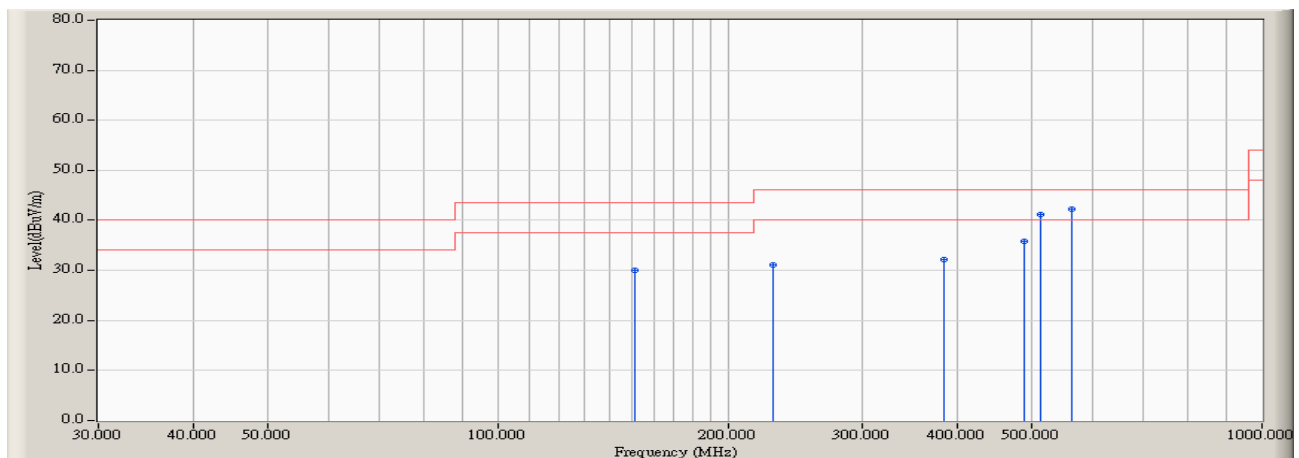


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	190.050	-12.011	43.286	31.275	-12.245	43.520	QUASIPeak
2		260.375	-7.227	38.116	30.889	-15.131	46.020	QUASIPeak
3		325.850	-5.915	37.541	31.626	-14.394	46.020	QUASIPeak
4		376.775	-4.379	36.919	32.540	-13.480	46.020	QUASIPeak
5		515.000	-1.346	32.647	31.301	-14.719	46.020	QUASIPeak
6		662.925	0.298	32.701	32.999	-13.021	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 09:51
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2412MHz) 19dBi

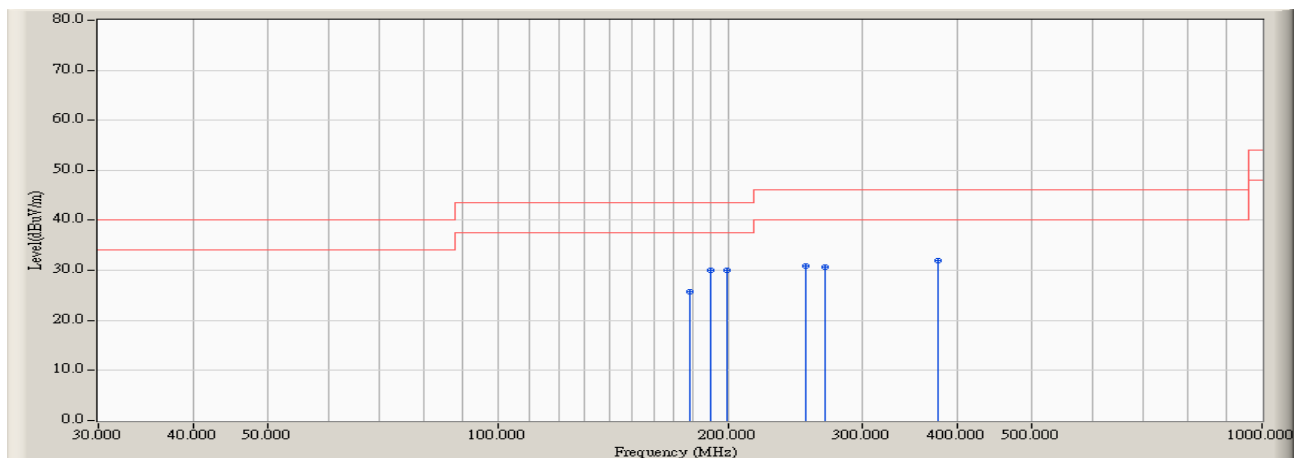


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		151.250	-10.657	40.582	29.925	-13.595	43.520	QUASIPeAK
2		228.850	-10.766	41.802	31.036	-14.984	46.020	QUASIPeAK
3		384.050	-4.167	36.362	32.195	-13.825	46.020	QUASIPeAK
4		488.325	-1.757	37.610	35.853	-10.167	46.020	QUASIPeAK
5		512.575	-1.381	42.638	41.257	-4.763	46.020	QUASIPeAK
6	*	563.500	0.130	42.165	42.295	-3.725	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 10:04
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2437MHz) 19dB

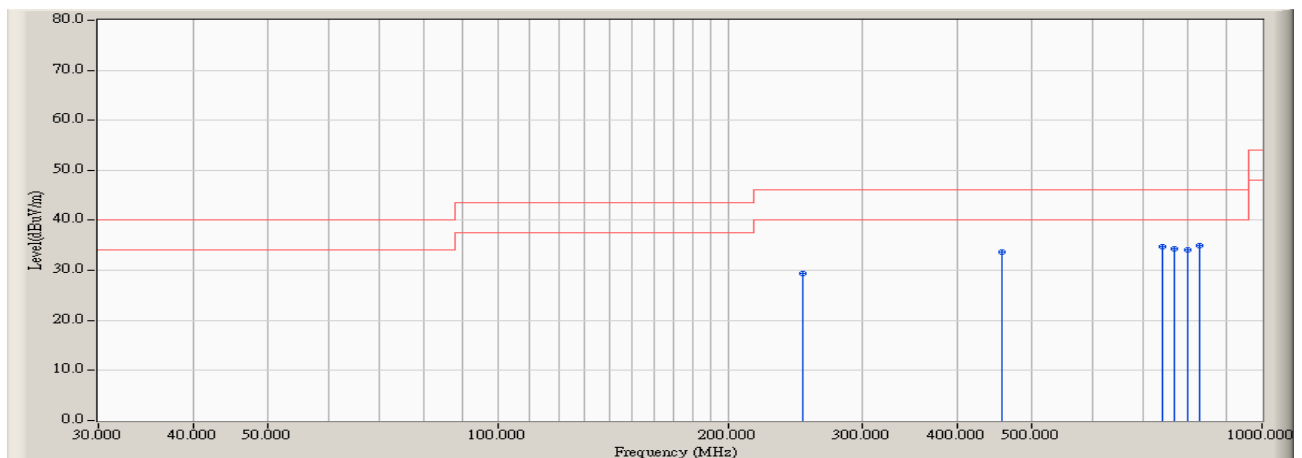


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		177.925	-12.026	37.816	25.790	-17.730	43.520	QUASIPeAK
2	*	190.050	-12.011	42.065	30.054	-13.466	43.520	QUASIPeAK
3		199.750	-11.675	41.617	29.942	-13.578	43.520	QUASIPeAK
4		253.100	-7.825	38.683	30.858	-15.162	46.020	QUASIPeAK
5		267.650	-7.342	37.909	30.567	-15.453	46.020	QUASIPeAK
6		376.775	-4.379	36.316	31.937	-14.083	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 10:28
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2437MHz) 19dBi

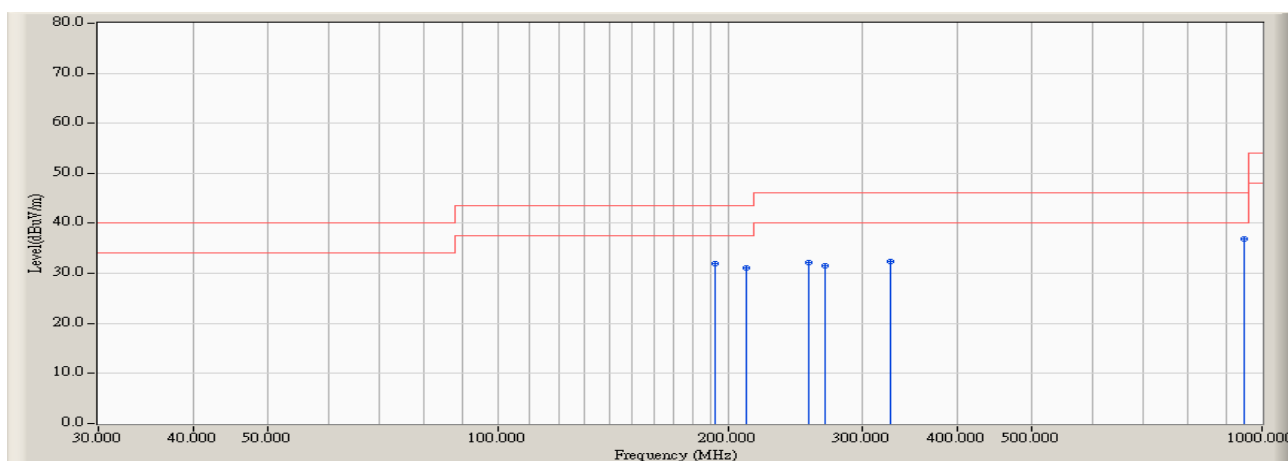


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		250.675	-8.042	37.380	29.338	-16.682	46.020	QUASIPeAK
2		456.800	-2.564	36.138	33.574	-12.446	46.020	QUASIPeAK
3		740.525	1.988	32.802	34.790	-11.230	46.020	QUASIPeAK
4		767.200	1.910	32.341	34.251	-11.769	46.020	QUASIPeAK
5		798.725	1.864	32.295	34.159	-11.861	46.020	QUASIPeAK
6	*	830.250	2.440	32.541	34.981	-11.039	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 10:42
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2462MHz) 19dBi

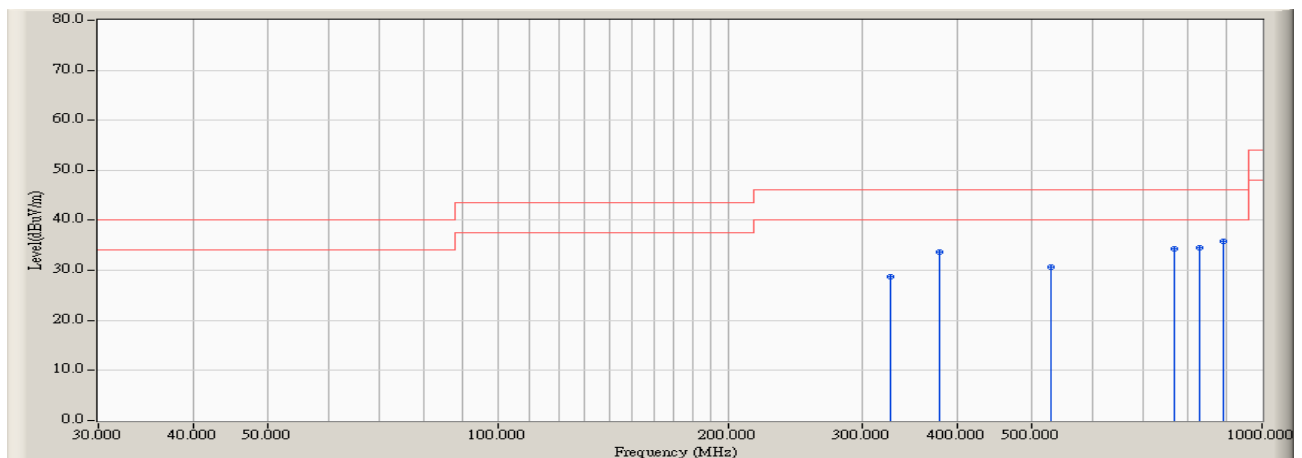


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		192.475	-11.907	43.864	31.957	-11.563	43.520	QUASIPeAK
2		211.875	-11.810	42.816	31.006	-12.514	43.520	QUASIPeAK
3		255.525	-7.649	39.754	32.105	-13.915	46.020	QUASIPeAK
4		267.650	-7.342	38.856	31.514	-14.506	46.020	QUASIPeAK
5		325.850	-5.915	38.244	32.329	-13.691	46.020	QUASIPeAK
6	*	946.650	3.706	33.163	36.869	-9.151	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 10:57
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2462MHz) 19dBi

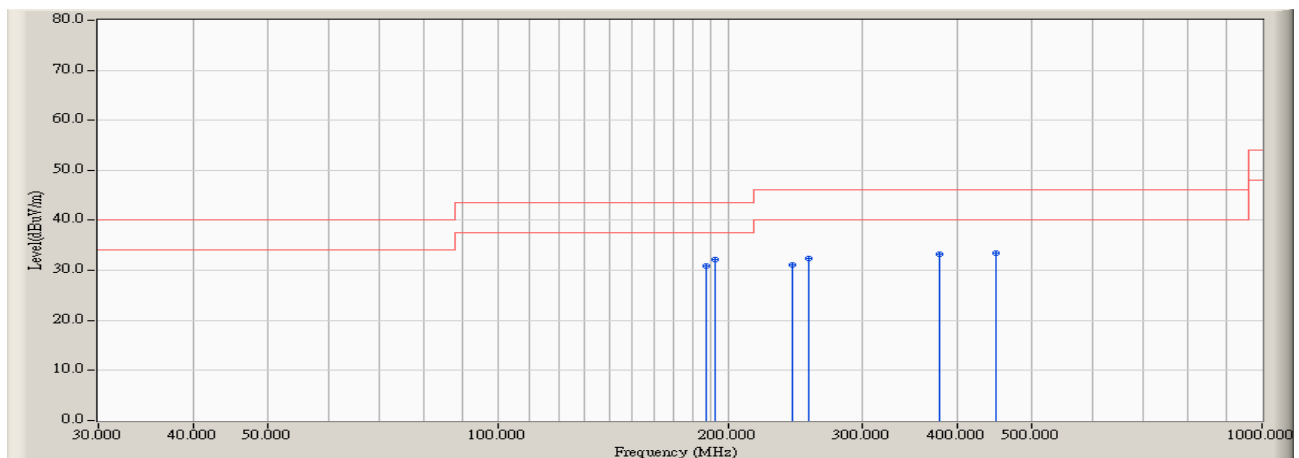


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		325.850	-5.915	34.655	28.740	-17.280	46.020	QUASIPeAK
2		379.200	-4.357	37.972	33.615	-12.405	46.020	QUASIPeAK
3		529.550	-0.831	31.498	30.667	-15.353	46.020	QUASIPeAK
4		767.200	1.910	32.350	34.260	-11.760	46.020	QUASIPeAK
5		830.250	2.440	32.125	34.565	-11.455	46.020	QUASIPeAK
6	*	890.875	2.690	33.113	35.803	-10.217	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 11:21
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2412MHz) 4.5dBi

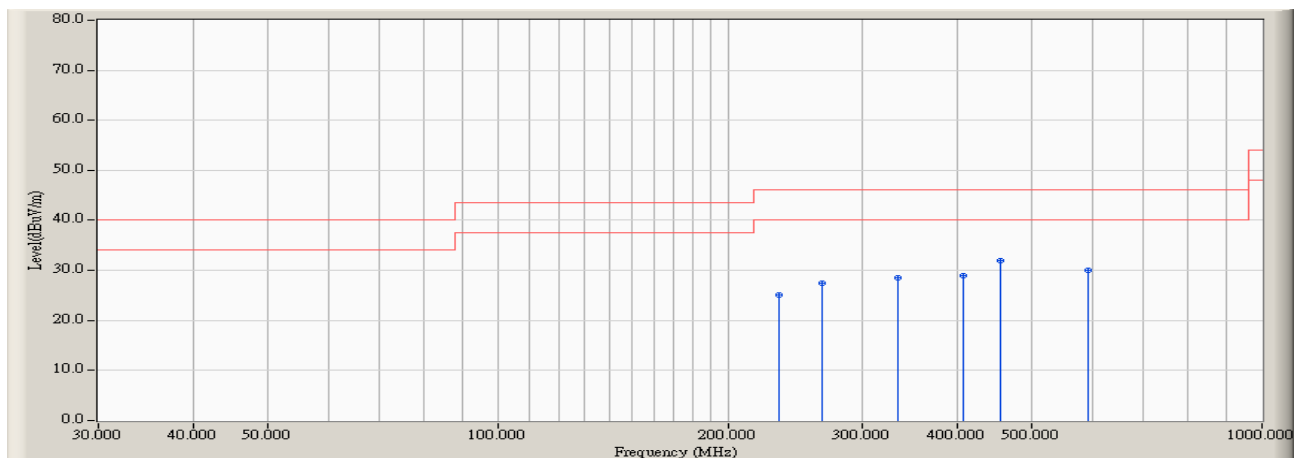


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		187.625	-12.084	43.016	30.932	-12.588	43.520	QUASIPeAK
2	*	192.475	-11.907	44.074	32.167	-11.353	43.520	QUASIPeAK
3		243.400	-8.892	39.921	31.029	-14.991	46.020	QUASIPeAK
4		255.525	-7.649	39.954	32.305	-13.715	46.020	QUASIPeAK
5		379.200	-4.357	37.680	33.323	-12.697	46.020	QUASIPeAK
6		449.525	-2.806	36.355	33.549	-12.471	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 11:35
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2412MHz) 4.5dBi

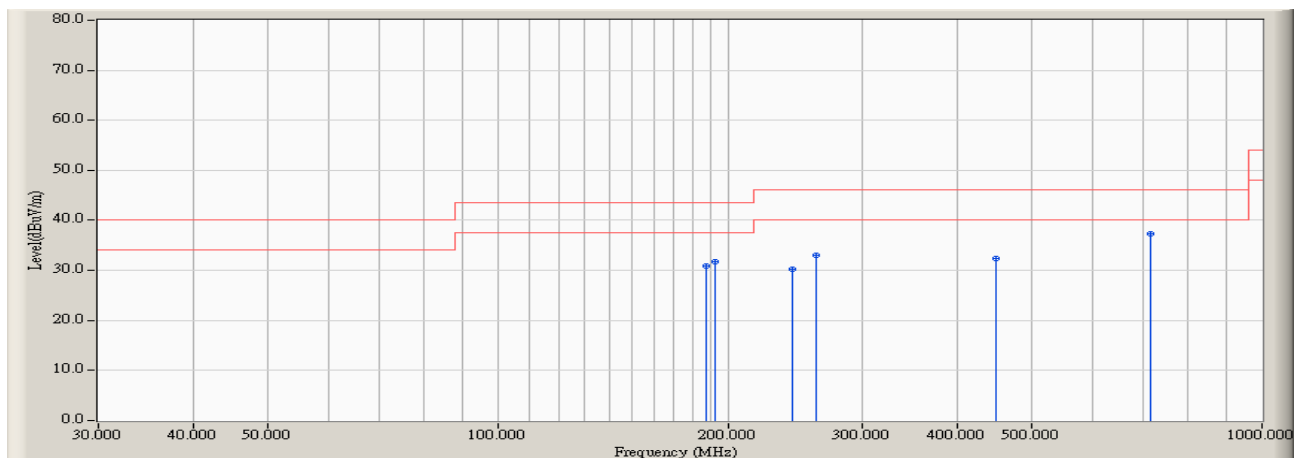


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		233.700	-10.112	35.290	25.178	-20.842	46.020	QUASIPeAK
2		265.225	-7.159	34.558	27.399	-18.621	46.020	QUASIPeAK
3		333.125	-5.749	34.359	28.610	-17.410	46.020	QUASIPeAK
4		405.875	-3.161	32.085	28.924	-17.096	46.020	QUASIPeAK
5	*	454.375	-2.733	34.722	31.989	-14.031	46.020	QUASIPeAK
6		592.600	0.066	29.872	29.938	-16.082	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 11:48
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2437MHz) 4.5dBi

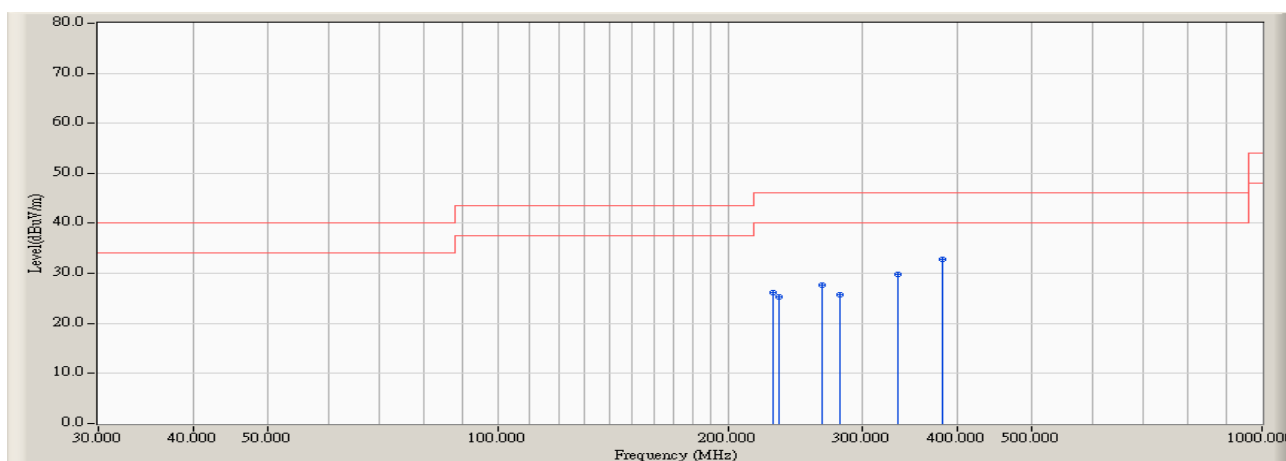


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		187.625	-12.084	42.971	30.887	-12.633	43.520	QUASIPeAK
2		192.475	-11.907	43.632	31.725	-11.795	43.520	QUASIPeAK
3		243.400	-8.892	39.210	30.318	-15.702	46.020	QUASIPeAK
4		260.375	-7.227	40.219	32.992	-13.028	46.020	QUASIPeAK
5		449.525	-2.806	35.165	32.359	-13.661	46.020	QUASIPeAK
6	*	716.275	1.129	36.102	37.231	-8.789	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 12:02
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2437MHz) 4.5dBi

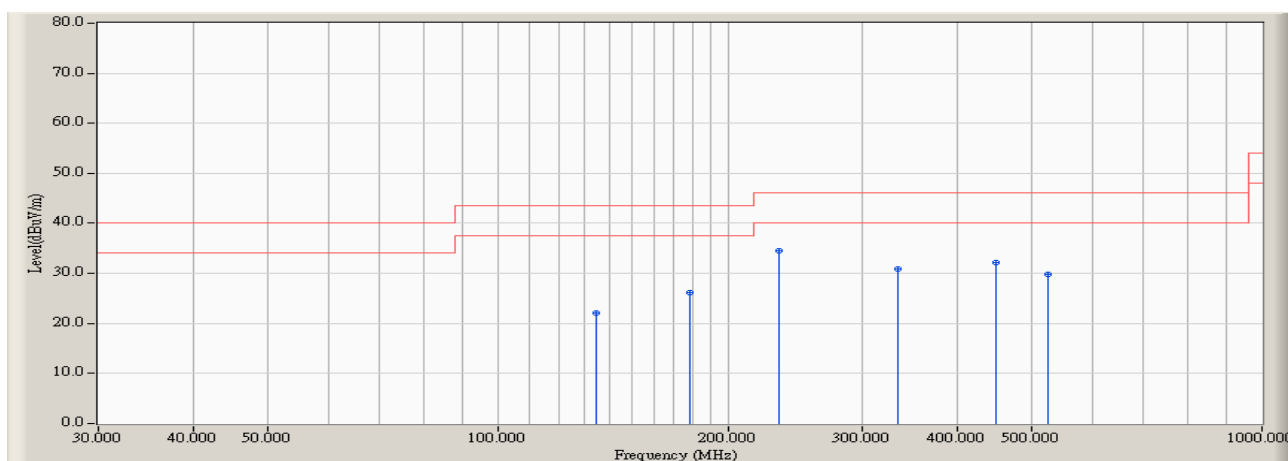


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		228.850	-10.766	36.980	26.214	-19.806	46.020	QUASIPeAK
2		233.700	-10.112	35.395	25.283	-20.737	46.020	QUASIPeAK
3		265.225	-7.159	34.878	27.719	-18.301	46.020	QUASIPeAK
4		279.775	-7.439	33.280	25.841	-20.179	46.020	QUASIPeAK
5		333.125	-5.749	35.656	29.907	-16.113	46.020	QUASIPeAK
6	*	381.625	-4.281	37.014	32.733	-13.287	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 13:05
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2462MHz) 4.5dBi

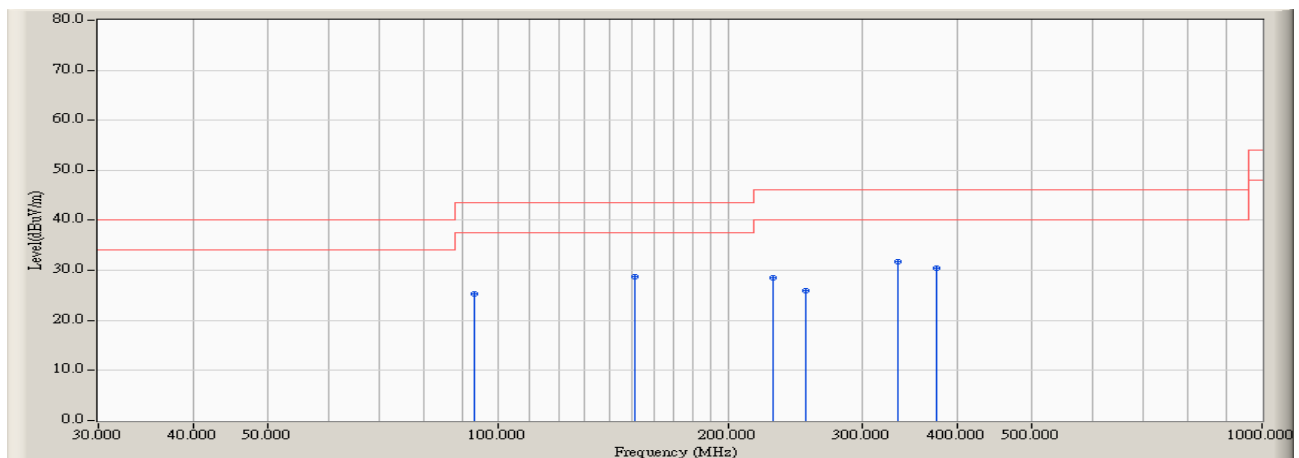


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		134.275	-9.435	31.546	22.111	-21.409	43.520	QUASIPeAK
2		177.925	-12.026	38.101	26.075	-17.445	43.520	QUASIPeAK
3	*	233.700	-10.112	44.720	34.608	-11.412	46.020	QUASIPeAK
4		333.125	-5.749	36.617	30.868	-15.152	46.020	QUASIPeAK
5		449.525	-2.806	34.933	32.127	-13.893	46.020	QUASIPeAK
6		524.700	-1.064	30.786	29.722	-16.298	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 13:38
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmitter by 802.11b (2462MHz) 4.5dBi

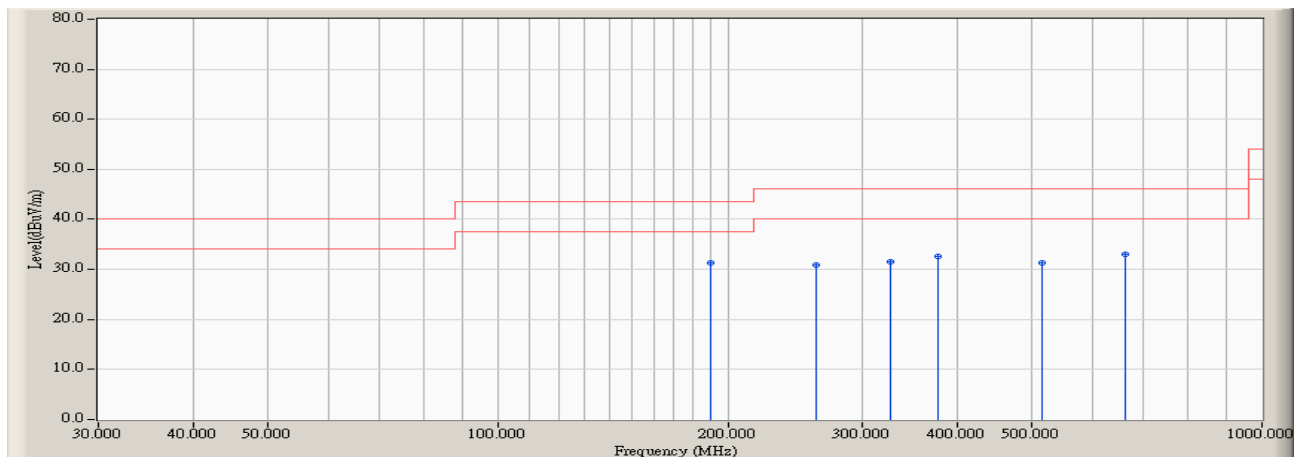


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		93.050	-11.548	36.954	25.406	-18.114	43.520	QUASIPeAK
2		151.250	-10.657	39.424	28.767	-14.753	43.520	QUASIPeAK
3		228.850	-10.766	39.291	28.525	-17.495	46.020	QUASIPeAK
4		253.100	-7.825	33.754	25.929	-20.091	46.020	QUASIPeAK
5	*	333.125	-5.749	37.526	31.777	-14.243	46.020	QUASIPeAK
6		374.350	-4.318	34.676	30.358	-15.662	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 13:58
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2412MHz) 19dBi

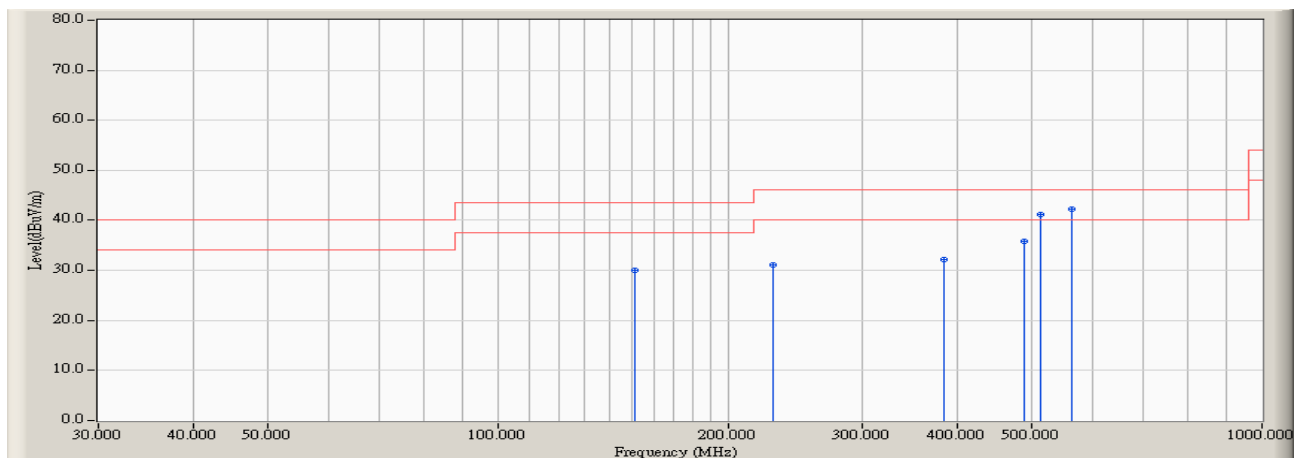


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	190.050	-12.011	43.286	31.275	-12.245	43.520	QUASIPeAK
2		260.375	-7.227	38.116	30.889	-15.131	46.020	QUASIPeAK
3		325.850	-5.915	37.541	31.626	-14.394	46.020	QUASIPeAK
4		376.775	-4.379	36.919	32.540	-13.480	46.020	QUASIPeAK
5		515.000	-1.346	32.647	31.301	-14.719	46.020	QUASIPeAK
6		662.925	0.298	32.701	32.999	-13.021	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:11
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2412MHz) 19dBi

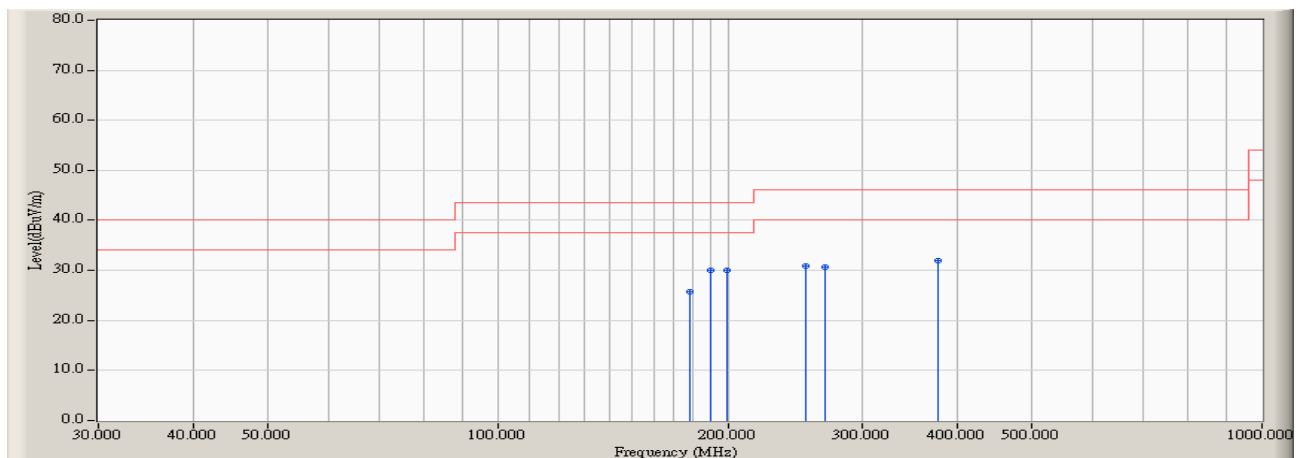


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		151.250	-10.657	40.582	29.925	-13.595	43.520	QUASIPeAK
2		228.850	-10.766	41.802	31.036	-14.984	46.020	QUASIPeAK
3		384.050	-4.167	36.362	32.195	-13.825	46.020	QUASIPeAK
4		488.325	-1.757	37.610	35.853	-10.167	46.020	QUASIPeAK
5		512.575	-1.381	42.638	41.257	-4.763	46.020	QUASIPeAK
6	*	563.500	0.130	42.165	42.295	-3.725	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:44
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2437MHz) 19dBi

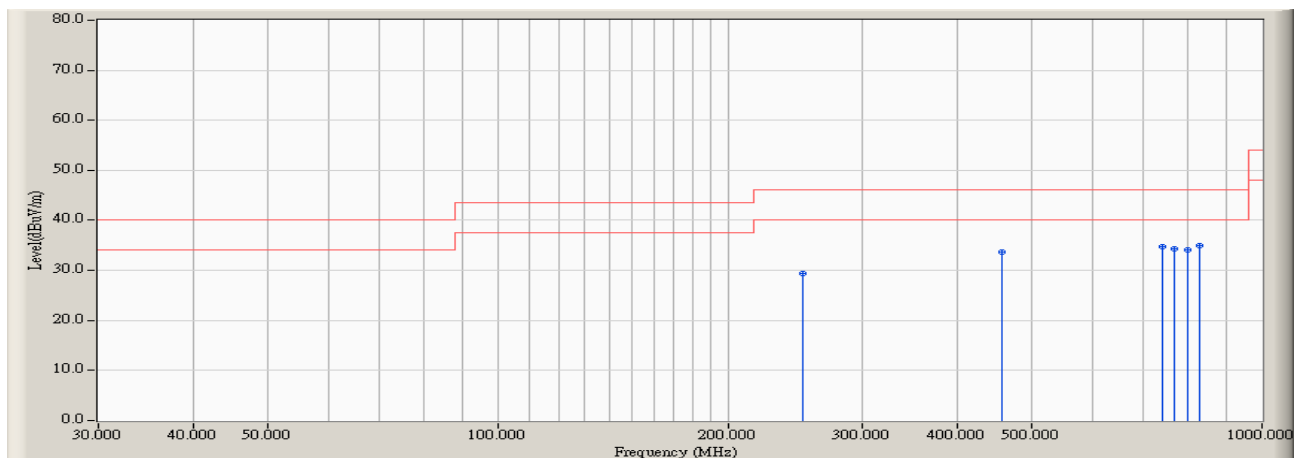


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		177.925	-12.026	37.816	25.790	-17.730	43.520	QUASIPeAK
2	*	190.050	-12.011	42.065	30.054	-13.466	43.520	QUASIPeAK
3		199.750	-11.675	41.617	29.942	-13.578	43.520	QUASIPeAK
4		253.100	-7.825	38.683	30.858	-15.162	46.020	QUASIPeAK
5		267.650	-7.342	37.909	30.567	-15.453	46.020	QUASIPeAK
6		376.775	-4.379	36.316	31.937	-14.083	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:08
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2437MHz) 19dBi

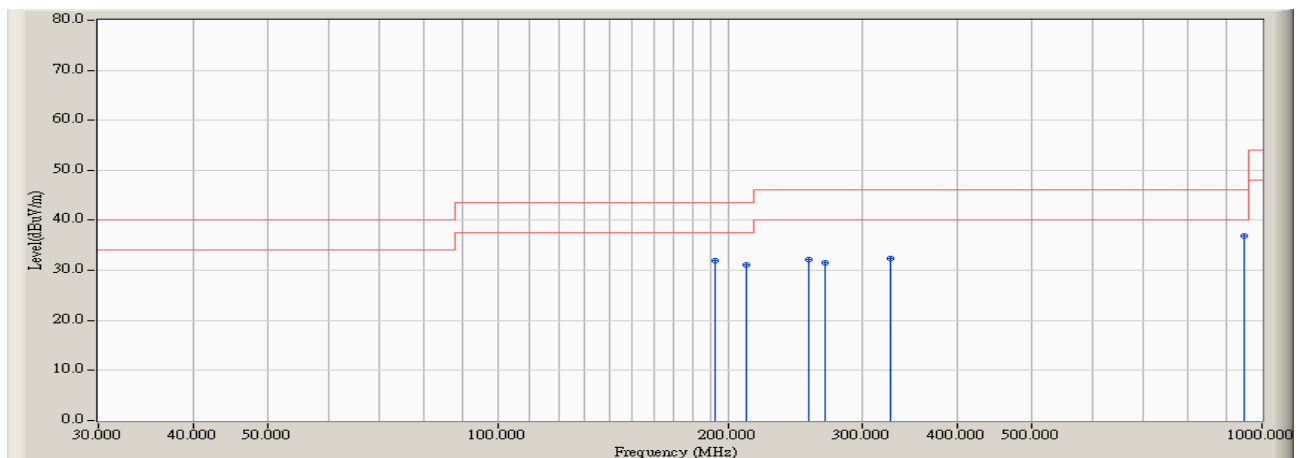


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		250.675	-8.042	37.380	29.338	-16.682	46.020	QUASIPeAK
2		456.800	-2.564	36.138	33.574	-12.446	46.020	QUASIPeAK
3		740.525	1.988	32.802	34.790	-11.230	46.020	QUASIPeAK
4		767.200	1.910	32.341	34.251	-11.769	46.020	QUASIPeAK
5		798.725	1.864	32.295	34.159	-11.861	46.020	QUASIPeAK
6	*	830.250	2.440	32.541	34.981	-11.039	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:22
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2462MHz) 19dBi

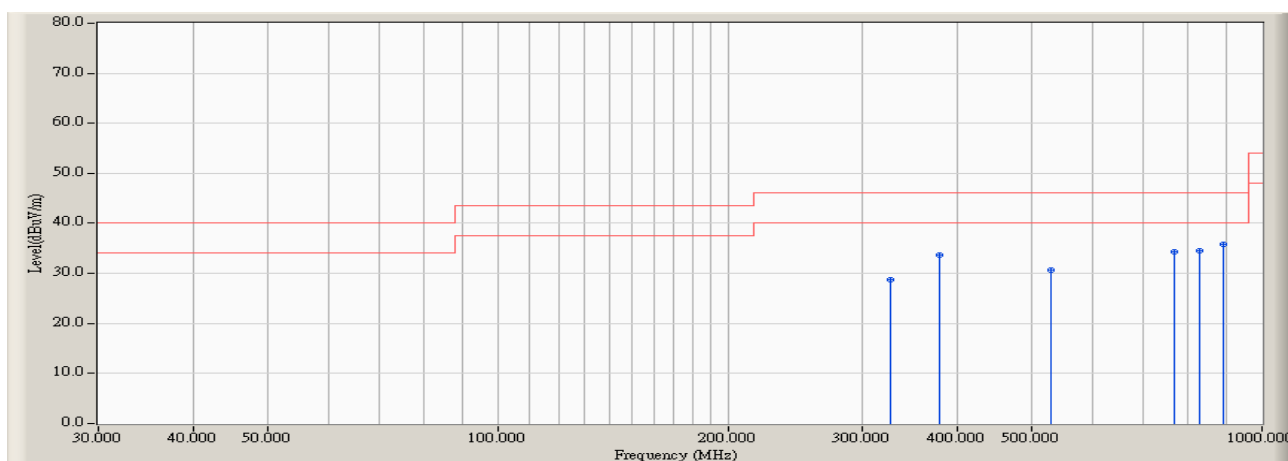


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		192.475	-11.907	43.864	31.957	-11.563	43.520	QUASIPeAK
2		211.875	-11.810	42.816	31.006	-12.514	43.520	QUASIPeAK
3		255.525	-7.649	39.754	32.105	-13.915	46.020	QUASIPeAK
4		267.650	-7.342	38.856	31.514	-14.506	46.020	QUASIPeAK
5		325.850	-5.915	38.244	32.329	-13.691	46.020	QUASIPeAK
6	*	946.650	3.706	33.163	36.869	-9.151	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:47
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2462MHz) 19dBi

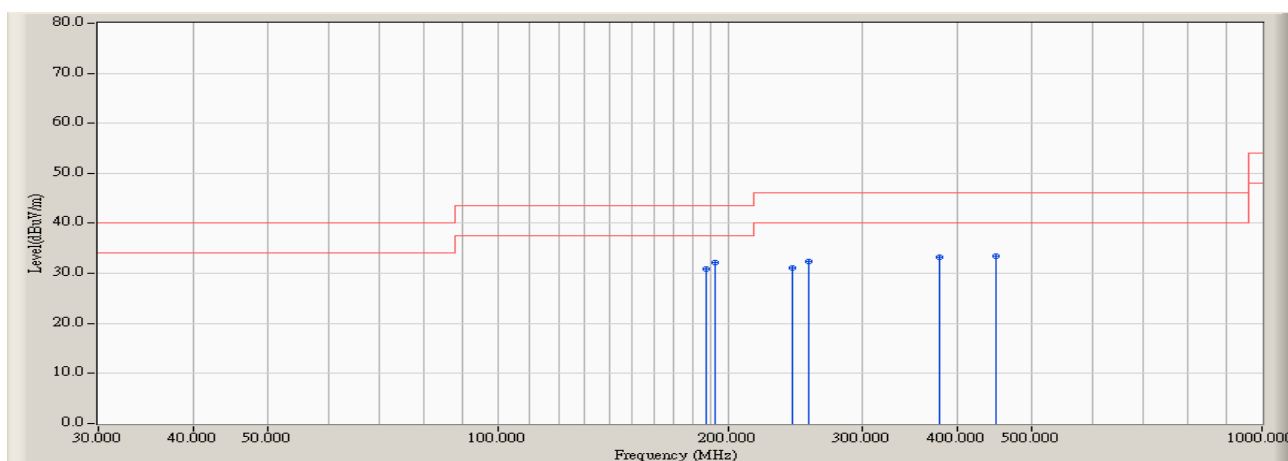


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		325.850	-5.915	34.655	28.740	-17.280	46.020	QUASIPeAK
2		379.200	-4.357	37.972	33.615	-12.405	46.020	QUASIPeAK
3		529.550	-0.831	31.498	30.667	-15.353	46.020	QUASIPeAK
4		767.200	1.910	32.350	34.260	-11.760	46.020	QUASIPeAK
5		830.250	2.440	32.125	34.565	-11.455	46.020	QUASIPeAK
6	*	890.875	2.690	33.113	35.803	-10.217	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:59
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2412MHz) 4.5dBi

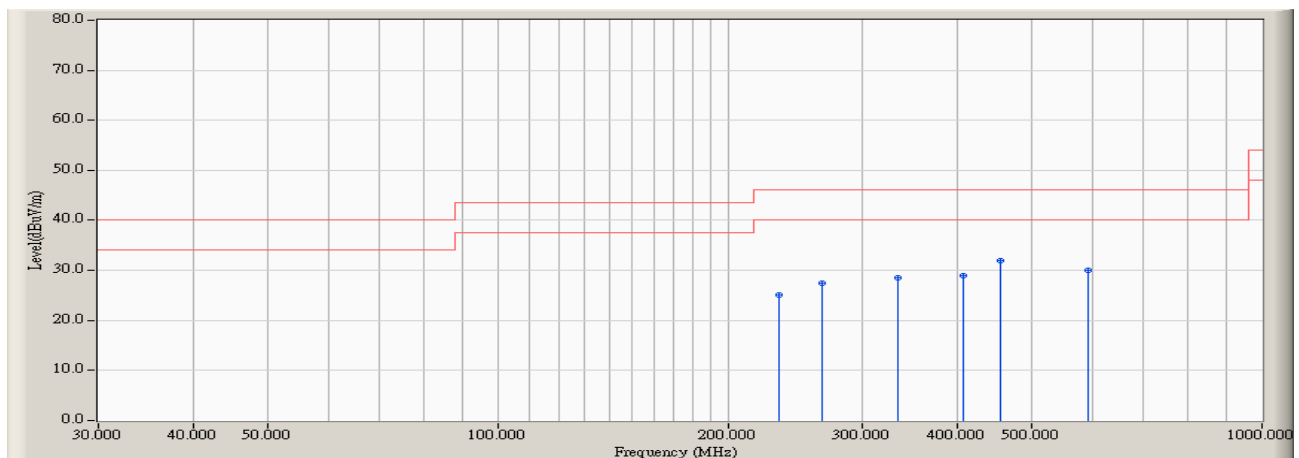


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		187.625	-12.084	43.016	30.932	-12.588	43.520	QUASIPeAK
2	*	192.475	-11.907	44.074	32.167	-11.353	43.520	QUASIPeAK
3		243.400	-8.892	39.921	31.029	-14.991	46.020	QUASIPeAK
4		255.525	-7.649	39.954	32.305	-13.715	46.020	QUASIPeAK
5		379.200	-4.357	37.680	33.323	-12.697	46.020	QUASIPeAK
6		449.525	-2.806	36.355	33.549	-12.471	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:15
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2412MHz) 4.5dBi

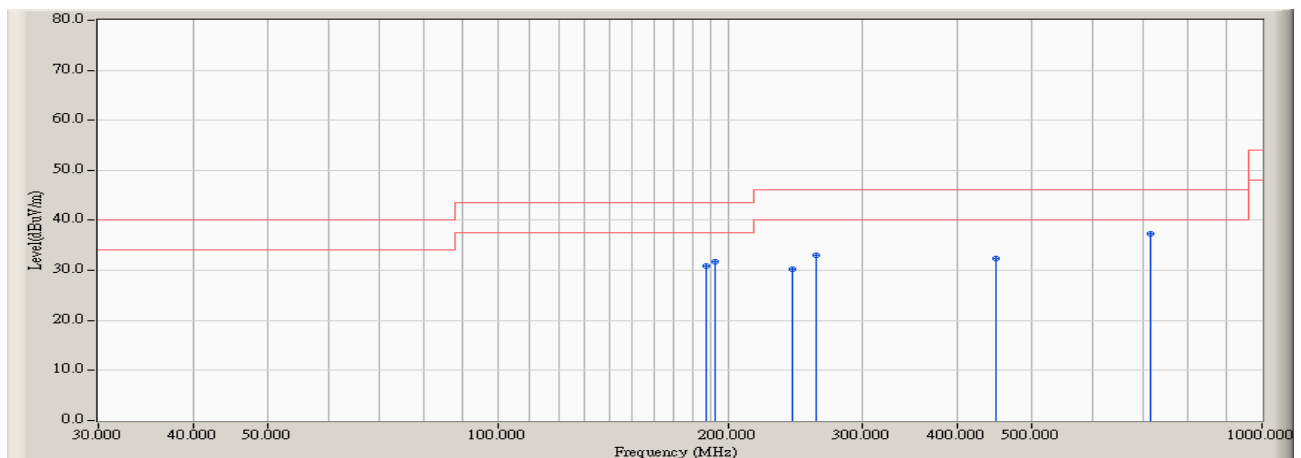


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		233.700	-10.112	35.290	25.178	-20.842	46.020	QUASIPeAK
2		265.225	-7.159	34.558	27.399	-18.621	46.020	QUASIPeAK
3		333.125	-5.749	34.359	28.610	-17.410	46.020	QUASIPeAK
4		405.875	-3.161	32.085	28.924	-17.096	46.020	QUASIPeAK
5	*	454.375	-2.733	34.722	31.989	-14.031	46.020	QUASIPeAK
6		592.600	0.066	29.872	29.938	-16.082	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:28
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2437MHz) 4.5dBi

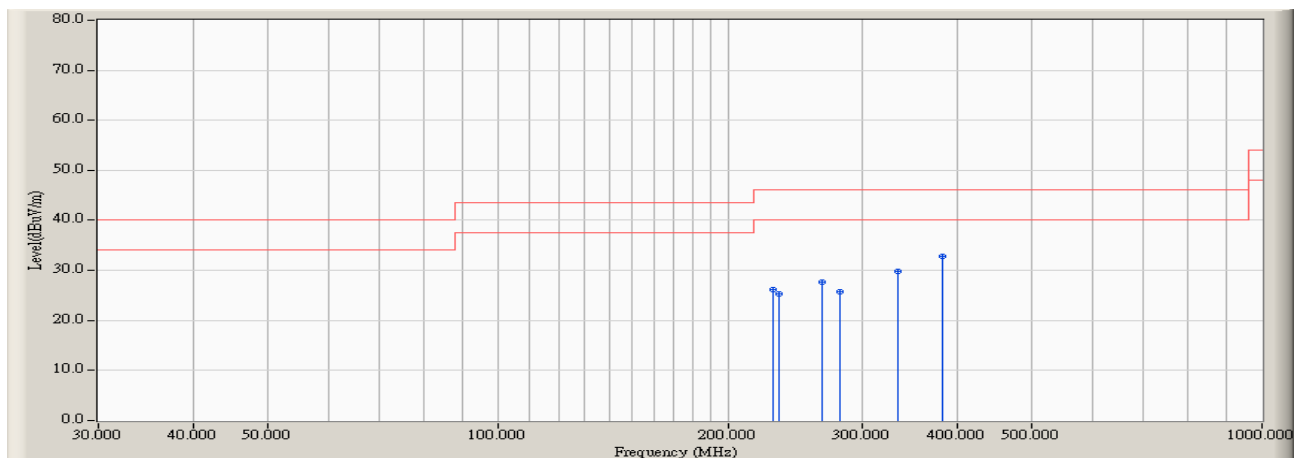


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		187.625	-12.084	42.971	30.887	-12.633	43.520	QUASIPeAK
2		192.475	-11.907	43.632	31.725	-11.795	43.520	QUASIPeAK
3		243.400	-8.892	39.210	30.318	-15.702	46.020	QUASIPeAK
4		260.375	-7.227	40.219	32.992	-13.028	46.020	QUASIPeAK
5		449.525	-2.806	35.165	32.359	-13.661	46.020	QUASIPeAK
6	*	716.275	1.129	36.102	37.231	-8.789	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:52
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2437MHz) 4.5dBi

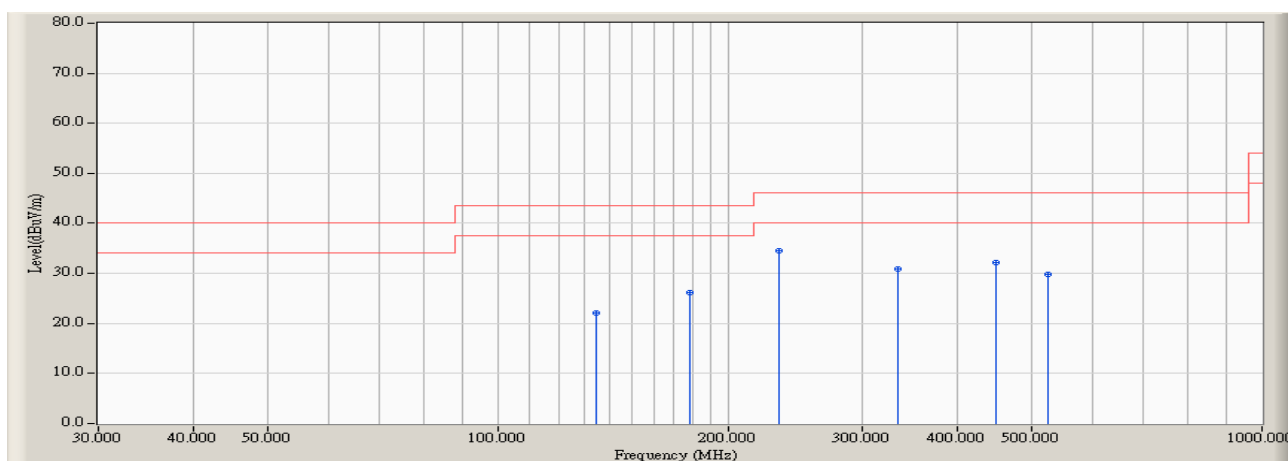


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		228.850	-10.766	36.980	26.214	-19.806	46.020	QUASIPeAK
2		233.700	-10.112	35.395	25.283	-20.737	46.020	QUASIPeAK
3		265.225	-7.159	34.878	27.719	-18.301	46.020	QUASIPeAK
4		279.775	-7.439	33.280	25.841	-20.179	46.020	QUASIPeAK
5		333.125	-5.749	35.656	29.907	-16.113	46.020	QUASIPeAK
6	*	381.625	-4.281	37.014	32.733	-13.287	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 17:04
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2462MHz) 4.5dBi

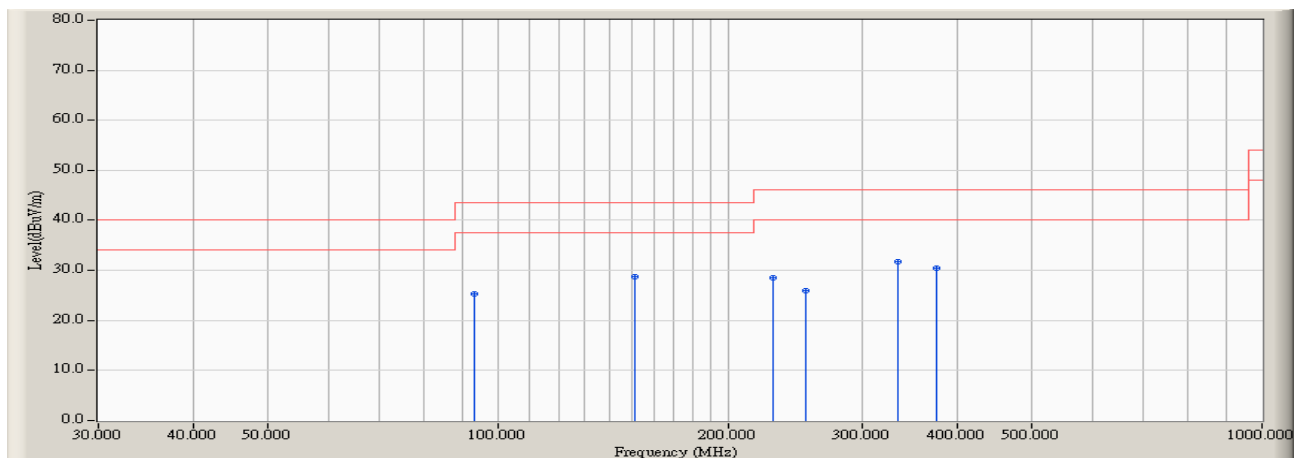


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		134.275	-9.435	31.546	22.111	-21.409	43.520	QUASIPeAK
2		177.925	-12.026	38.101	26.075	-17.445	43.520	QUASIPeAK
3	*	233.700	-10.112	44.720	34.608	-11.412	46.020	QUASIPeAK
4		333.125	-5.749	36.617	30.868	-15.152	46.020	QUASIPeAK
5		449.525	-2.806	34.933	32.127	-13.893	46.020	QUASIPeAK
6		524.700	-1.064	30.786	29.722	-16.298	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 17:38
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmitter by 802.11g (2462MHz) 4.5dBi

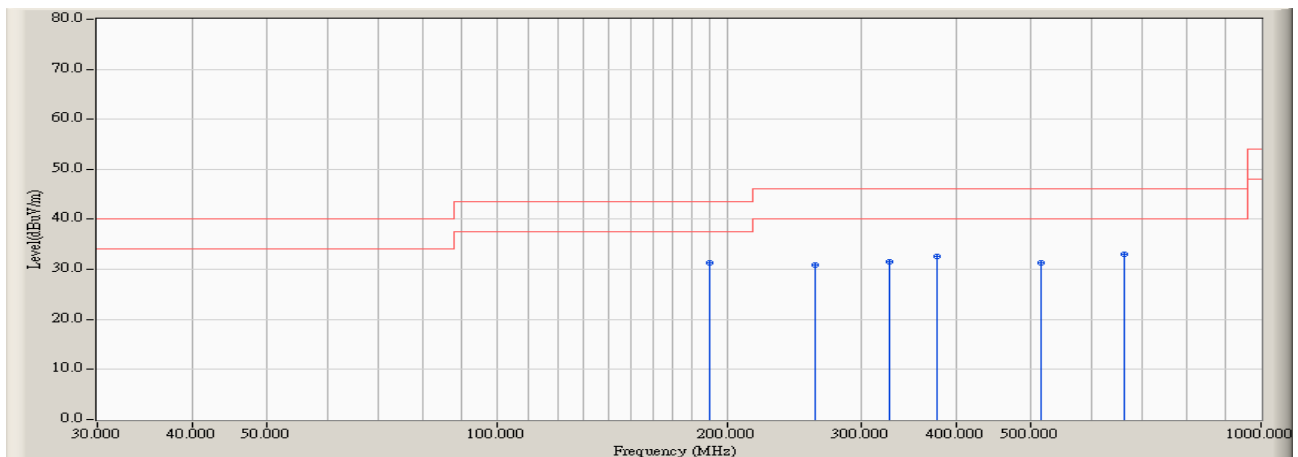


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		93.050	-11.548	36.954	25.406	-18.114	43.520	QUASIPeAK
2		151.250	-10.657	39.424	28.767	-14.753	43.520	QUASIPeAK
3		228.850	-10.766	39.291	28.525	-17.495	46.020	QUASIPeAK
4		253.100	-7.825	33.754	25.929	-20.091	46.020	QUASIPeAK
5	*	333.125	-5.749	37.526	31.777	-14.243	46.020	QUASIPeAK
6		374.350	-4.318	34.676	30.358	-15.662	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 17:58
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5745MHz) 23dBi

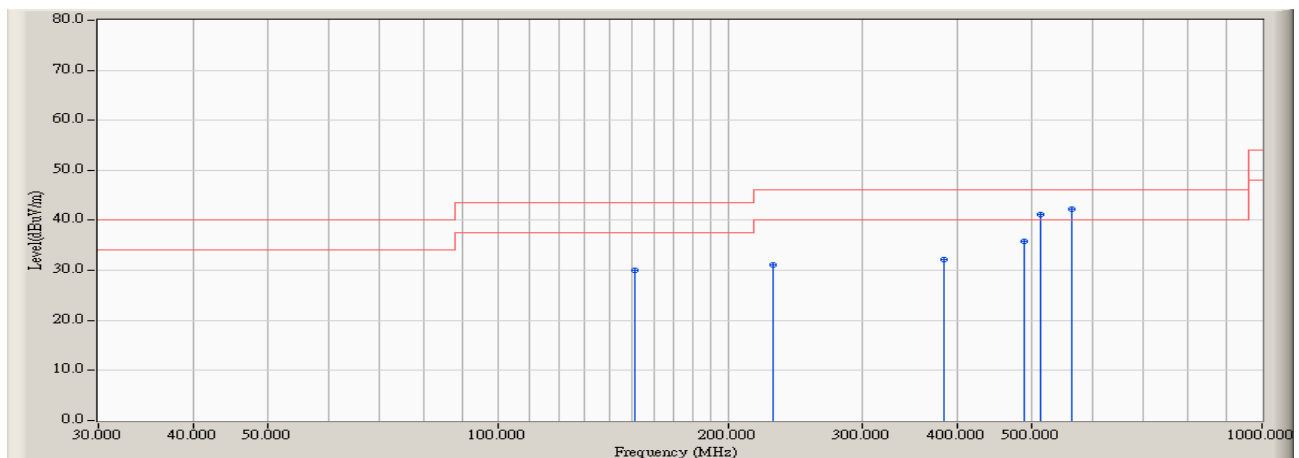


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	190.050	-12.011	43.286	31.275	-12.245	43.520	QUASIPeAK
2		260.375	-7.227	38.116	30.889	-15.131	46.020	QUASIPeAK
3		325.850	-5.915	37.541	31.626	-14.394	46.020	QUASIPeAK
4		376.775	-4.379	36.919	32.540	-13.480	46.020	QUASIPeAK
5		515.000	-1.346	32.647	31.301	-14.719	46.020	QUASIPeAK
6		662.925	0.298	32.701	32.999	-13.021	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 18:09
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5745MHz) 23dBi

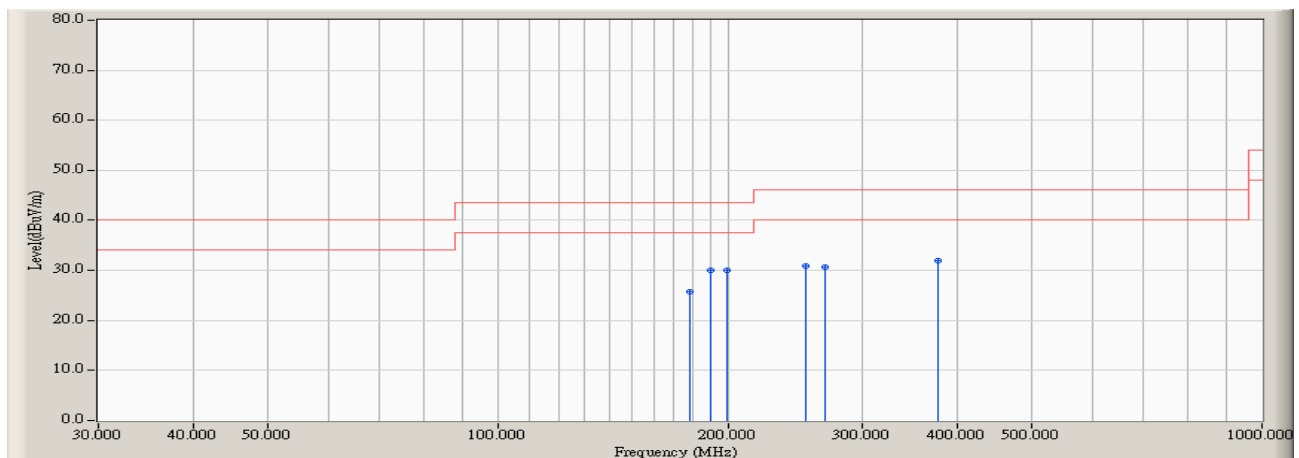


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		151.250	-10.657	40.582	29.925	-13.595	43.520	QUASIPeAK
2		228.850	-10.766	41.802	31.036	-14.984	46.020	QUASIPeAK
3		384.050	-4.167	36.362	32.195	-13.825	46.020	QUASIPeAK
4		488.325	-1.757	37.610	35.853	-10.167	46.020	QUASIPeAK
5		512.575	-1.381	42.638	41.257	-4.763	46.020	QUASIPeAK
6	*	563.500	0.130	42.165	42.295	-3.725	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 18:24
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5785MHz) 23dBi

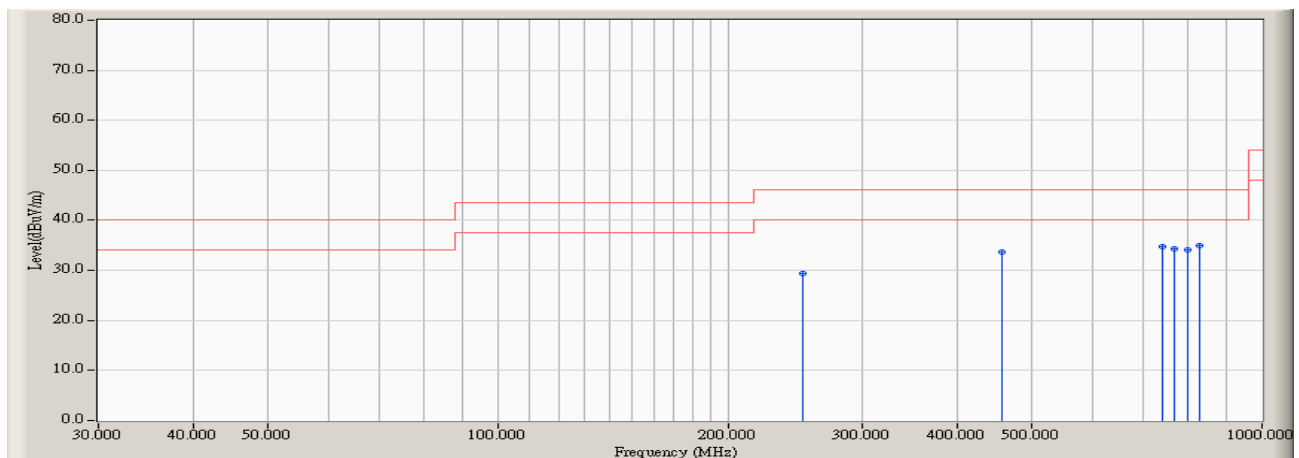


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		177.925	-12.026	37.816	25.790	-17.730	43.520	QUASIPeAK
2	*	190.050	-12.011	42.065	30.054	-13.466	43.520	QUASIPeAK
3		199.750	-11.675	41.617	29.942	-13.578	43.520	QUASIPeAK
4		253.100	-7.825	38.683	30.858	-15.162	46.020	QUASIPeAK
5		267.650	-7.342	37.909	30.567	-15.453	46.020	QUASIPeAK
6		376.775	-4.379	36.316	31.937	-14.083	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 18:38
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5785MHz) 23dBi

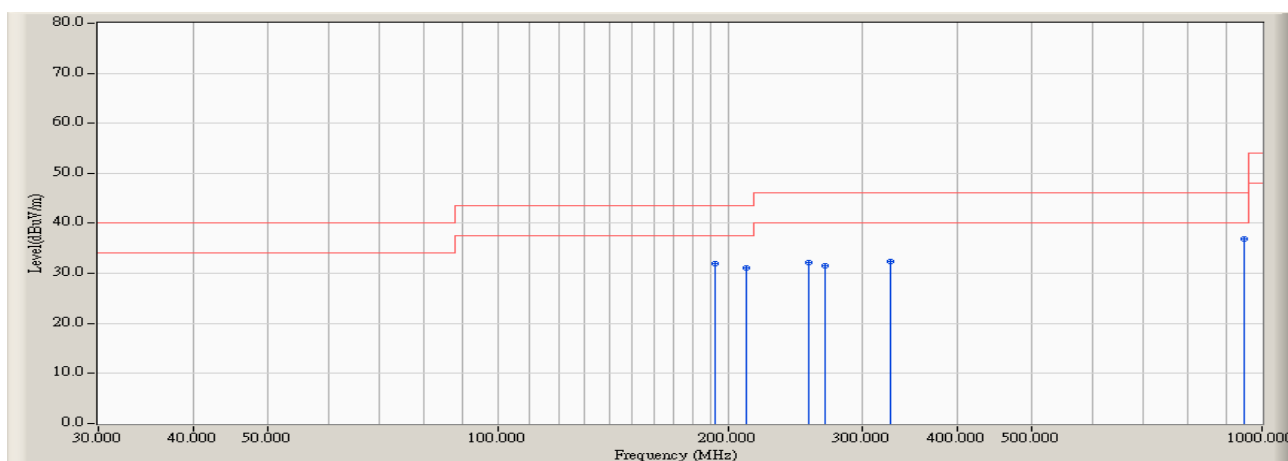


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		250.675	-8.042	37.380	29.338	-16.682	46.020	QUASIPeAK
2		456.800	-2.564	36.138	33.574	-12.446	46.020	QUASIPeAK
3		740.525	1.988	32.802	34.790	-11.230	46.020	QUASIPeAK
4		767.200	1.910	32.341	34.251	-11.769	46.020	QUASIPeAK
5		798.725	1.864	32.295	34.159	-11.861	46.020	QUASIPeAK
6	*	830.250	2.440	32.541	34.981	-11.039	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 18:52
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5825MHz) 23dBi

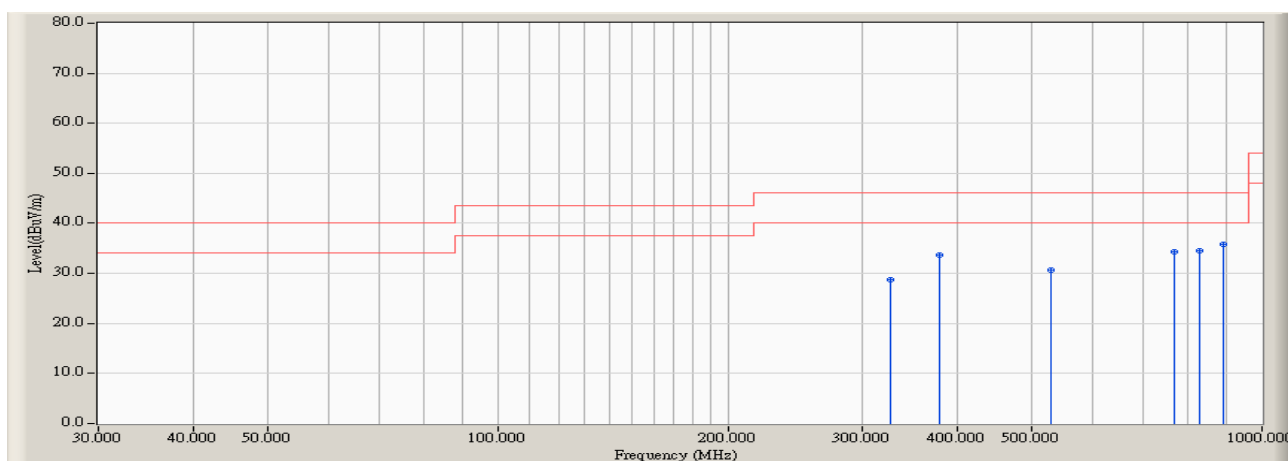


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		192.475	-11.907	43.864	31.957	-11.563	43.520	QUASIPeAK
2		211.875	-11.810	42.816	31.006	-12.514	43.520	QUASIPeAK
3		255.525	-7.649	39.754	32.105	-13.915	46.020	QUASIPeAK
4		267.650	-7.342	38.856	31.514	-14.506	46.020	QUASIPeAK
5		325.850	-5.915	38.244	32.329	-13.691	46.020	QUASIPeAK
6	*	946.650	3.706	33.163	36.869	-9.151	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 19:07
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5825MHz) 23dBi

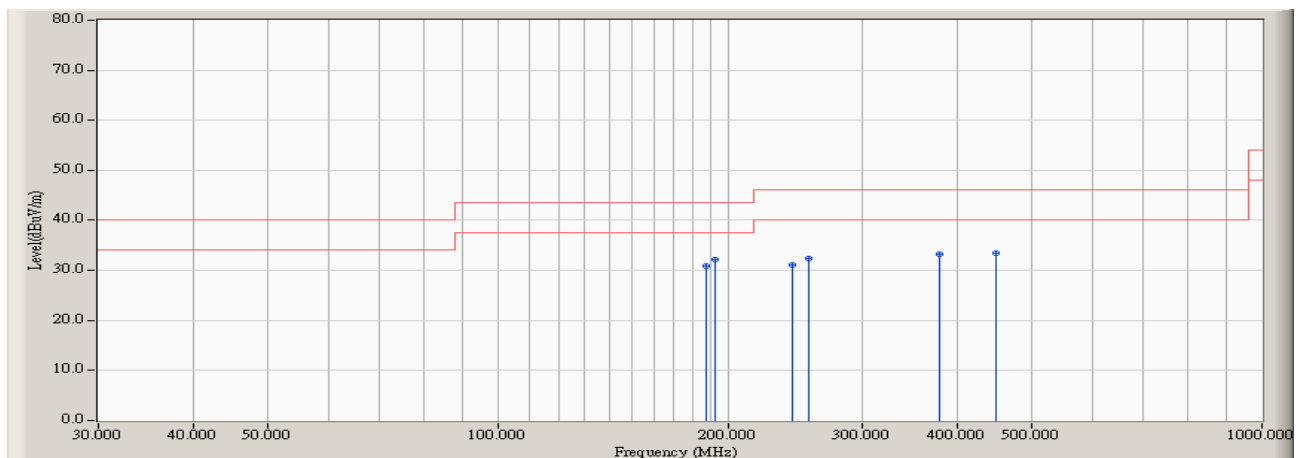


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		325.850	-5.915	34.655	28.740	-17.280	46.020	QUASIPeAK
2		379.200	-4.357	37.972	33.615	-12.405	46.020	QUASIPeAK
3		529.550	-0.831	31.498	30.667	-15.353	46.020	QUASIPeAK
4		767.200	1.910	32.350	34.260	-11.760	46.020	QUASIPeAK
5		830.250	2.440	32.125	34.565	-11.455	46.020	QUASIPeAK
6	*	890.875	2.690	33.113	35.803	-10.217	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 19:21
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5745MHz) 7dBi

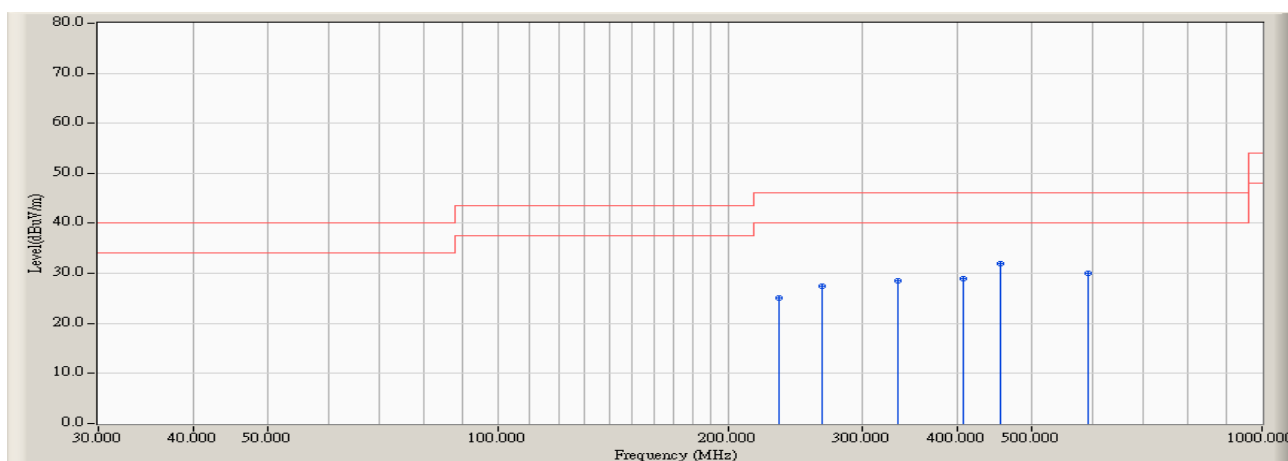


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		187.625	-12.084	43.016	30.932	-12.588	43.520	QUASIPeAK
2	*	192.475	-11.907	44.074	32.167	-11.353	43.520	QUASIPeAK
3		243.400	-8.892	39.921	31.029	-14.991	46.020	QUASIPeAK
4		255.525	-7.649	39.954	32.305	-13.715	46.020	QUASIPeAK
5		379.200	-4.357	37.680	33.323	-12.697	46.020	QUASIPeAK
6		449.525	-2.806	36.355	33.549	-12.471	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 19:35
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5745MHz) 7dBi

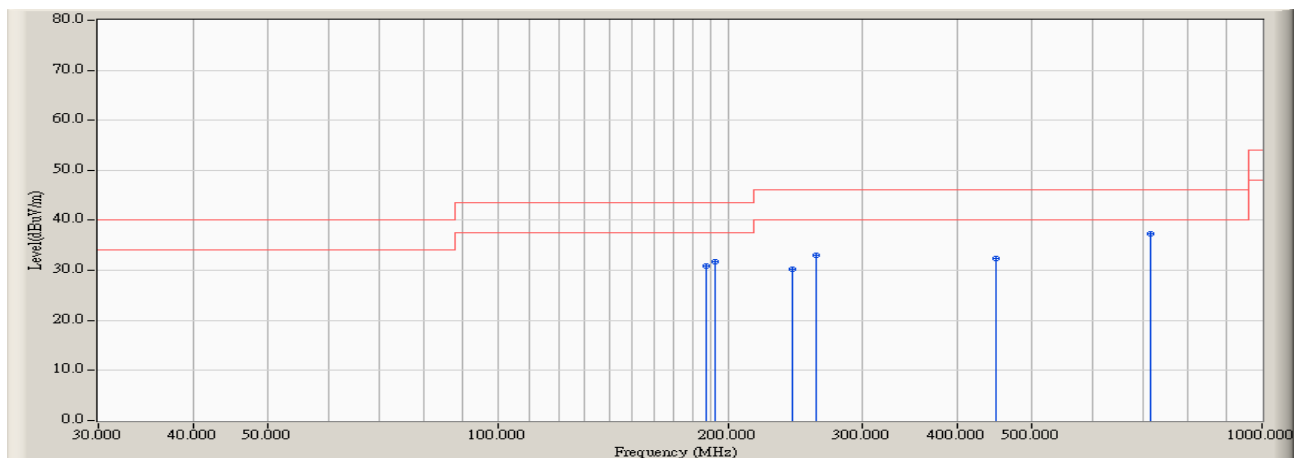


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		233.700	-10.112	35.290	25.178	-20.842	46.020	QUASIPeAK
2		265.225	-7.159	34.558	27.399	-18.621	46.020	QUASIPeAK
3		333.125	-5.749	34.359	28.610	-17.410	46.020	QUASIPeAK
4		405.875	-3.161	32.085	28.924	-17.096	46.020	QUASIPeAK
5	*	454.375	-2.733	34.722	31.989	-14.031	46.020	QUASIPeAK
6		592.600	0.066	29.872	29.938	-16.082	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 19:48
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5785MHz) 7dBi

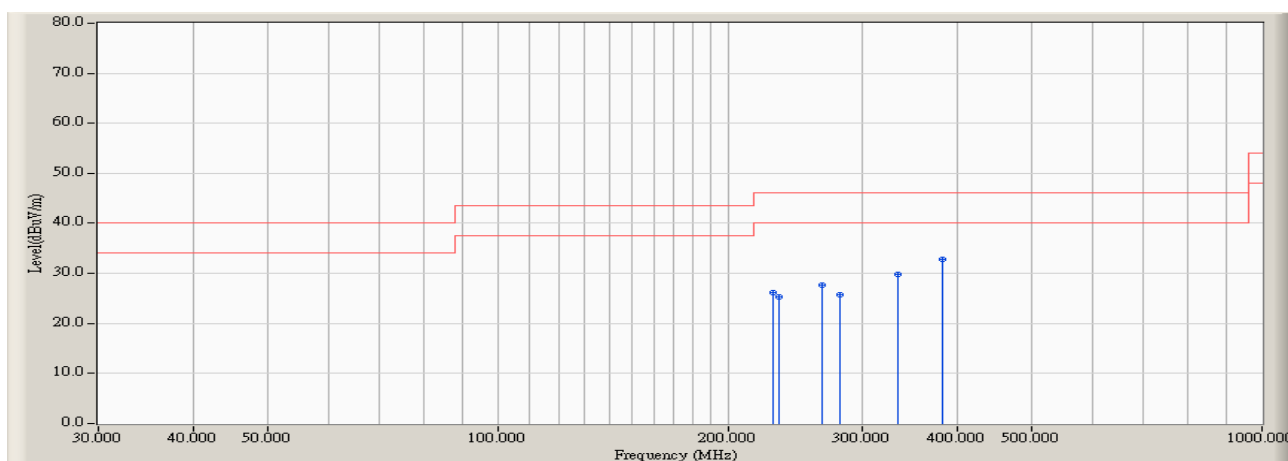


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		187.625	-12.084	42.971	30.887	-12.633	43.520	QUASIPeAK
2		192.475	-11.907	43.632	31.725	-11.795	43.520	QUASIPeAK
3		243.400	-8.892	39.210	30.318	-15.702	46.020	QUASIPeAK
4		260.375	-7.227	40.219	32.992	-13.028	46.020	QUASIPeAK
5		449.525	-2.806	35.165	32.359	-13.661	46.020	QUASIPeAK
6	*	716.275	1.129	36.102	37.231	-8.789	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 19:59
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5785MHz) 7dBi

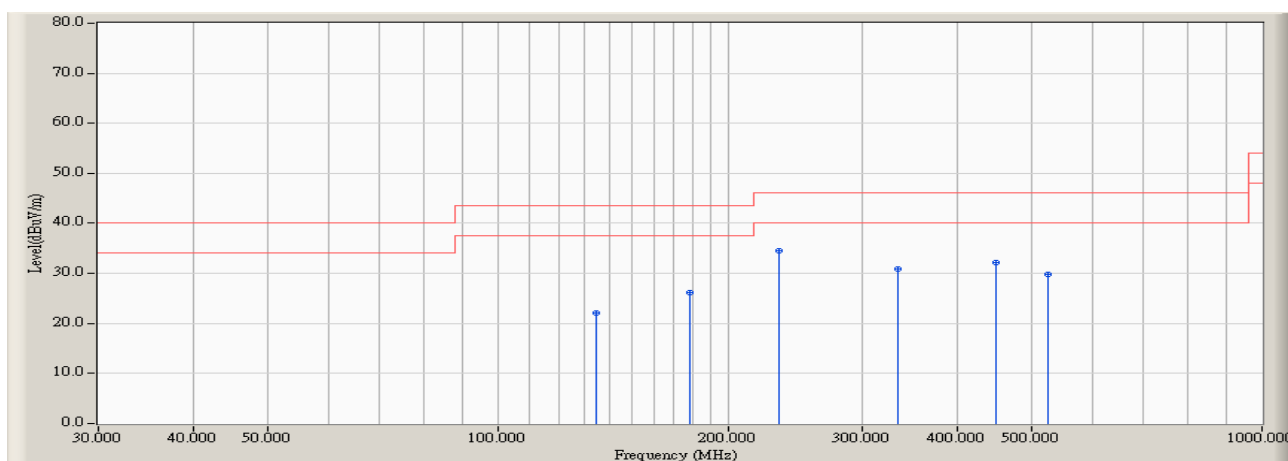


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		228.850	-10.766	36.980	26.214	-19.806	46.020	QUASIPeAK
2		233.700	-10.112	35.395	25.283	-20.737	46.020	QUASIPeAK
3		265.225	-7.159	34.878	27.719	-18.301	46.020	QUASIPeAK
4		279.775	-7.439	33.280	25.841	-20.179	46.020	QUASIPeAK
5		333.125	-5.749	35.656	29.907	-16.113	46.020	QUASIPeAK
6	*	381.625	-4.281	37.014	32.733	-13.287	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 20:05
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5825MHz) 7dBi

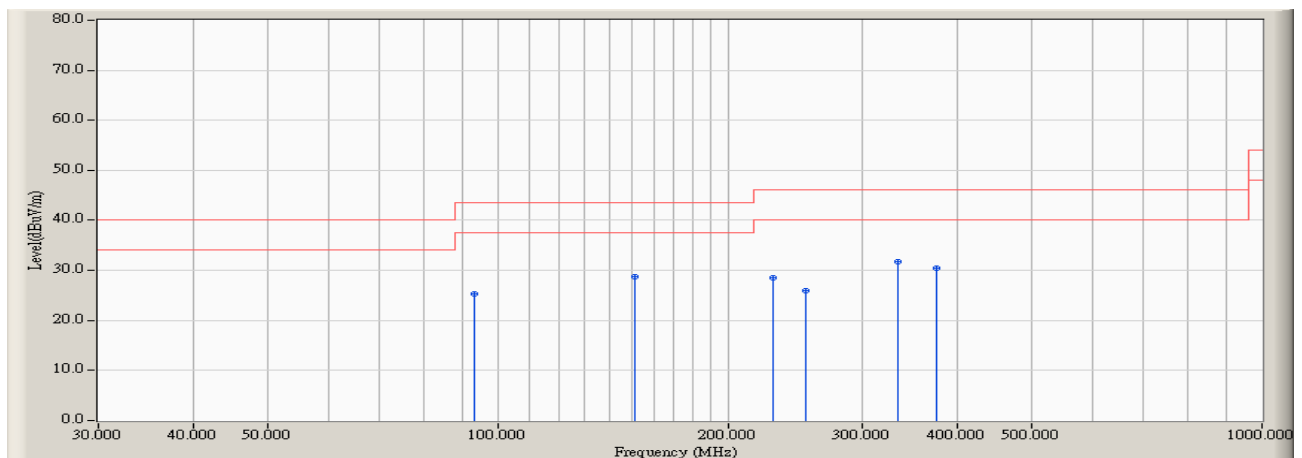


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		134.275	-9.435	31.546	22.111	-21.409	43.520	QUASIPeAK
2		177.925	-12.026	38.101	26.075	-17.445	43.520	QUASIPeAK
3	*	233.700	-10.112	44.720	34.608	-11.412	46.020	QUASIPeAK
4		333.125	-5.749	36.617	30.868	-15.152	46.020	QUASIPeAK
5		449.525	-2.806	34.933	32.127	-13.893	46.020	QUASIPeAK
6		524.700	-1.064	30.786	29.722	-16.298	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 (3m Radiated Emission Chamber)	Time : 2007/06/22 - 20:18
Limit : FCC_SpartC_15.209_03M_QP	Margin : 6
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : CBL6112B_2932(30-2000MHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmitter by 802.11a (5825MHz) 7dBi

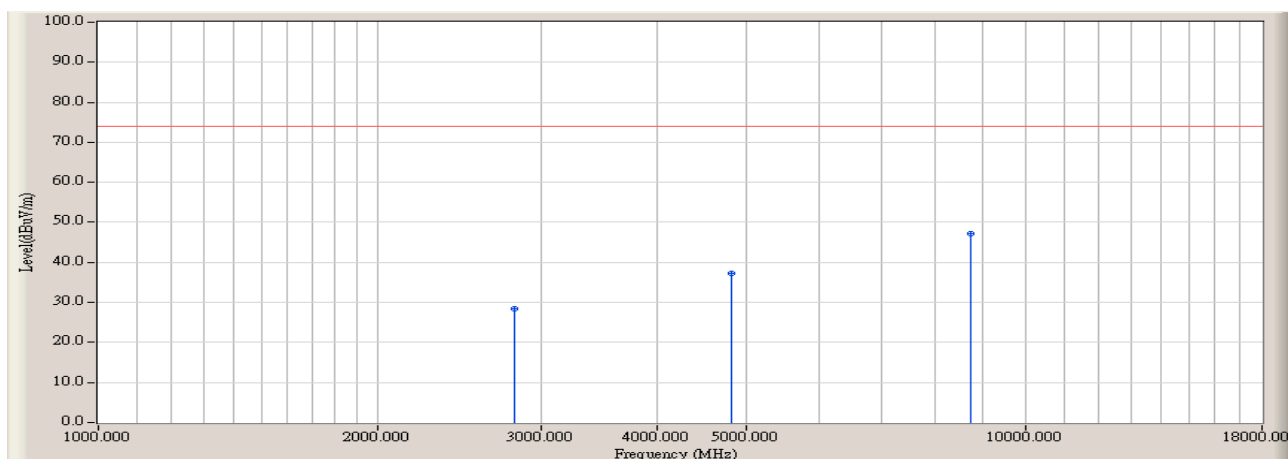


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		93.050	-11.548	36.954	25.406	-18.114	43.520	QUASIPeAK
2		151.250	-10.657	39.424	28.767	-14.753	43.520	QUASIPeAK
3		228.850	-10.766	39.291	28.525	-17.495	46.020	QUASIPeAK
4		253.100	-7.825	33.754	25.929	-20.091	46.020	QUASIPeAK
5	*	333.125	-5.749	37.526	31.777	-14.243	46.020	QUASIPeAK
6		374.350	-4.318	34.676	30.358	-15.662	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(3m Radiated Emission Chamber)	Time : 2007/06/22 - 13:56
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2412MHz) 19dBi

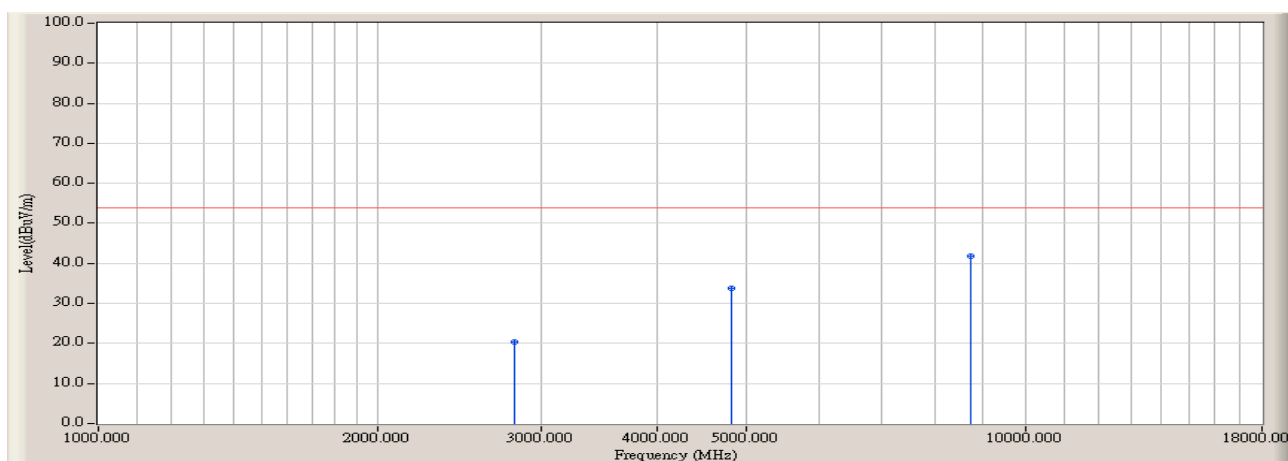


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2813.333	-1.001	29.418	28.418	-45.552	73.970	PEAK
2		4825.000	4.900	32.259	37.159	-36.811	73.970	PEAK
3	*	8735.000	15.400	31.877	47.277	-26.693	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 13:56
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2412MHz) 19dBi

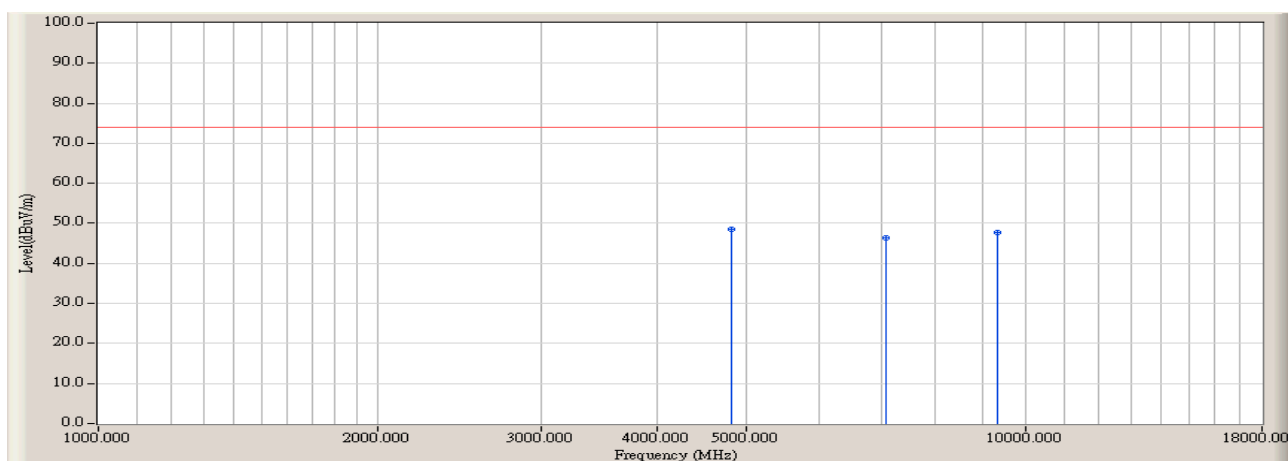


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2813.333	-1.001	21.400	20.400	-33.570	53.970	AVERAGE
2		4825.000	4.900	28.900	33.800	-20.170	53.970	AVERAGE
3	*	8735.000	15.400	26.400	41.800	-12.170	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 13:59
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2412MHz) 19dBi

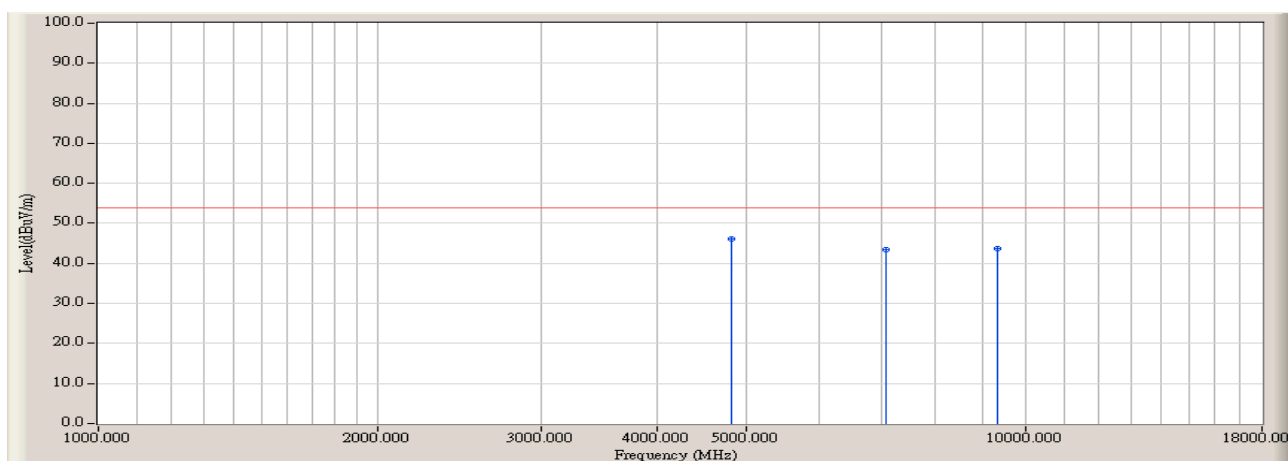


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4825.000	4.900	43.595	48.495	-25.475	73.970	PEAK
2		7063.333	14.896	31.389	46.286	-27.684	73.970	PEAK
3		9330.000	16.570	31.197	47.767	-26.203	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 13:59
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2412MHz) 19dBi

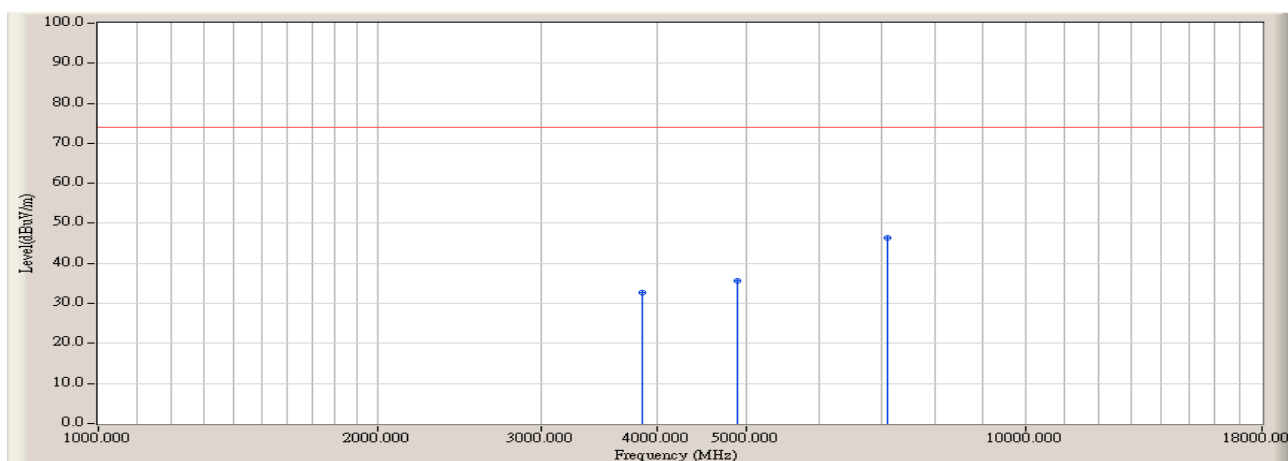


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4825.000	4.900	41.200	46.100	-7.870	53.970	AVERAGE
2		7063.333	14.896	28.500	43.397	-10.573	53.970	AVERAGE
3		9330.000	16.570	27.200	43.770	-10.200	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:02
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2437MHz) 19dBi

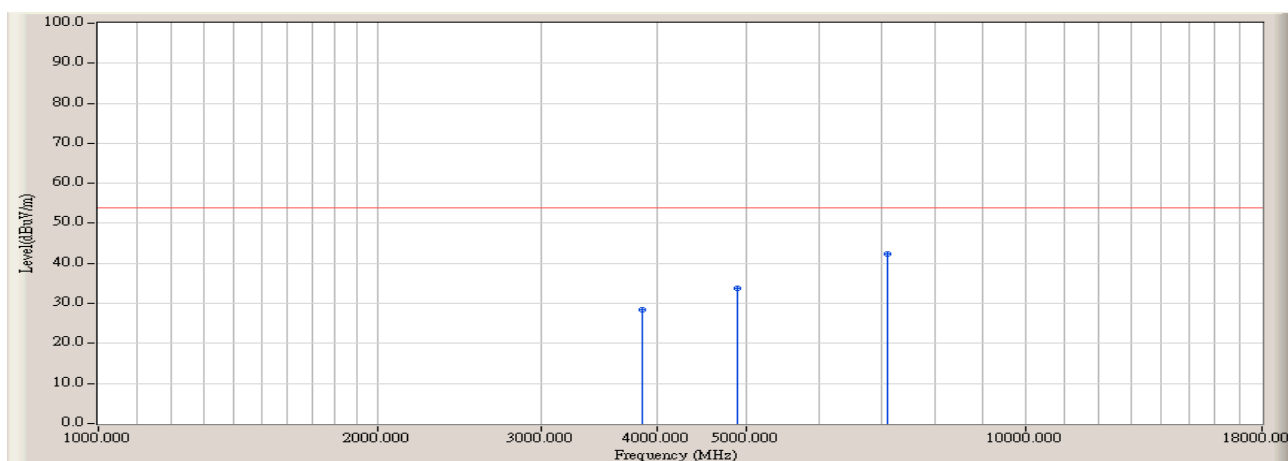


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3861.667	2.033	30.777	32.810	-41.160	73.970	PEAK
2		4881.667	5.034	30.601	35.634	-38.336	73.970	PEAK
3	*	7091.667	15.014	31.319	46.332	-27.638	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:02
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2437MHz) 19dBi

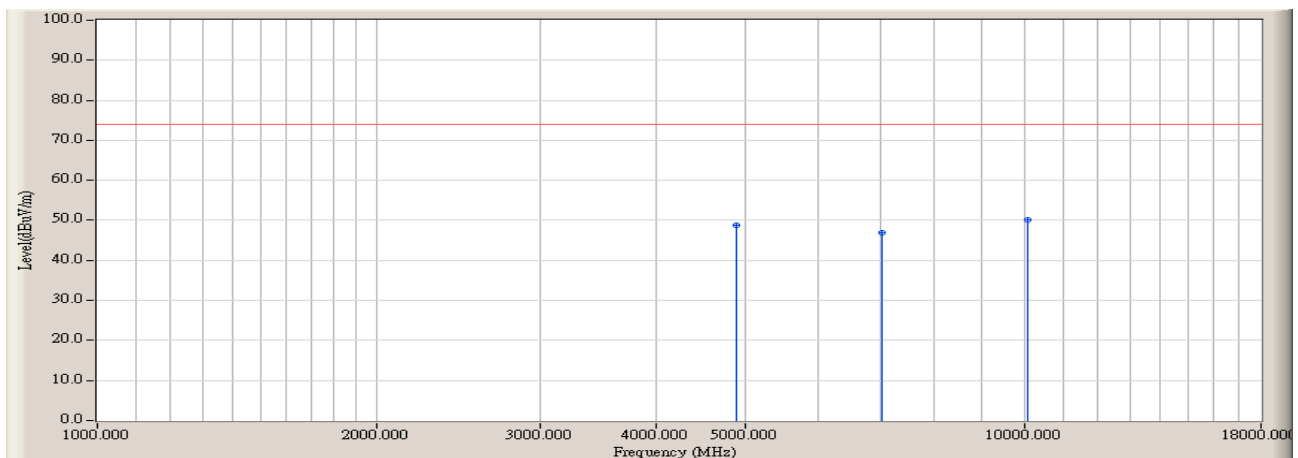


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3861.667	2.033	26.500	28.533	-25.437	53.970	AVERAGE
2		4881.667	5.034	28.700	33.733	-20.237	53.970	AVERAGE
3	*	7091.667	15.014	27.400	42.413	-11.557	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:05
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2437MHz) 19dBi

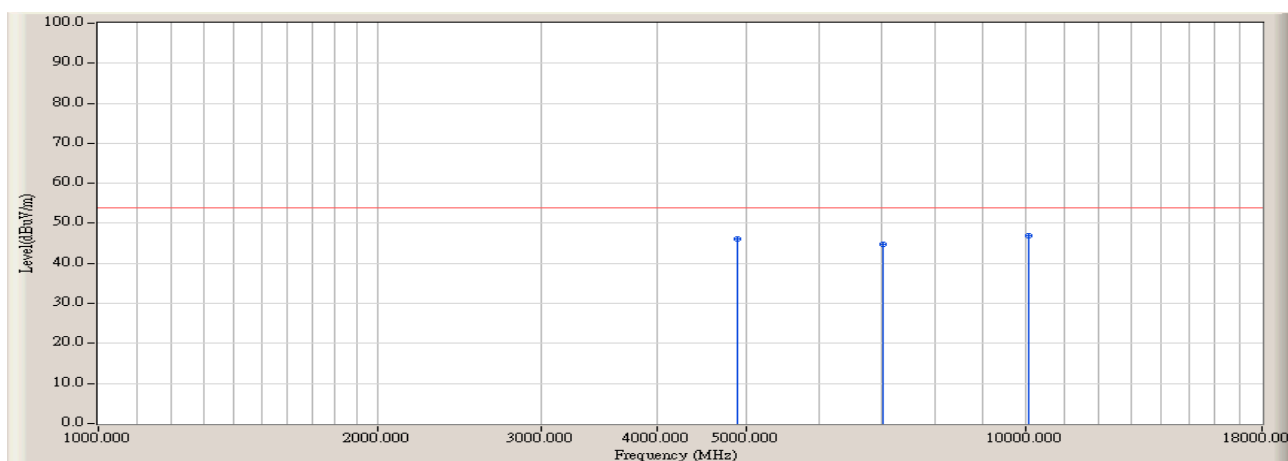


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4881.667	5.034	43.728	48.761	-25.209	73.970	PEAK
2		7035.000	14.790	32.099	46.889	-27.081	73.970	PEAK
3	*	10095.000	18.320	31.696	50.016	-23.954	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:05
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2437MHz) 19dBi

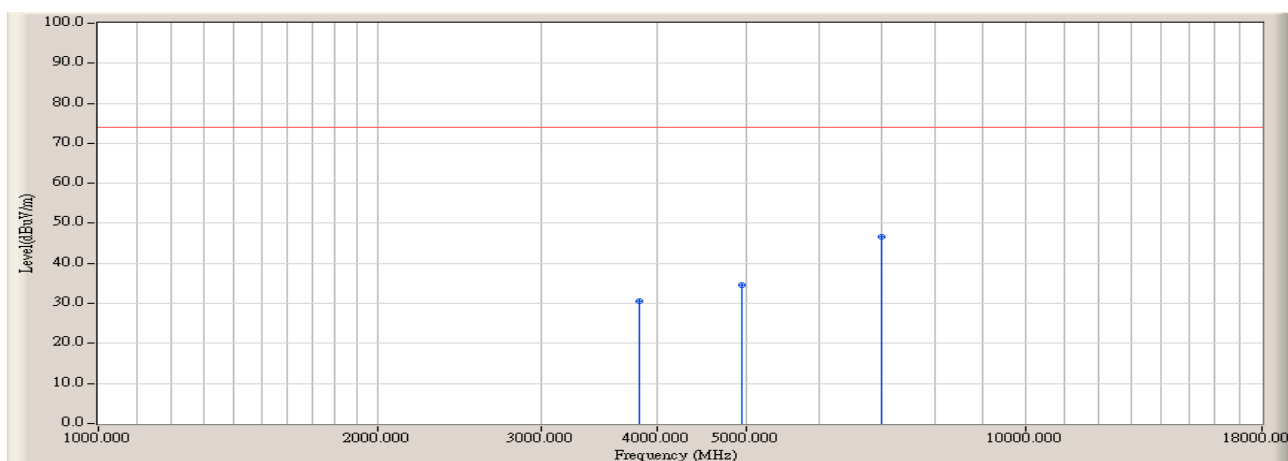


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4881.667	5.034	41.200	46.233	-7.737	53.970	AVERAGE
2		7035.000	14.790	30.000	44.790	-9.180	53.970	AVERAGE
3	*	10095.000	18.320	28.700	47.020	-6.950	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:11
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2462MHz) 19dBi

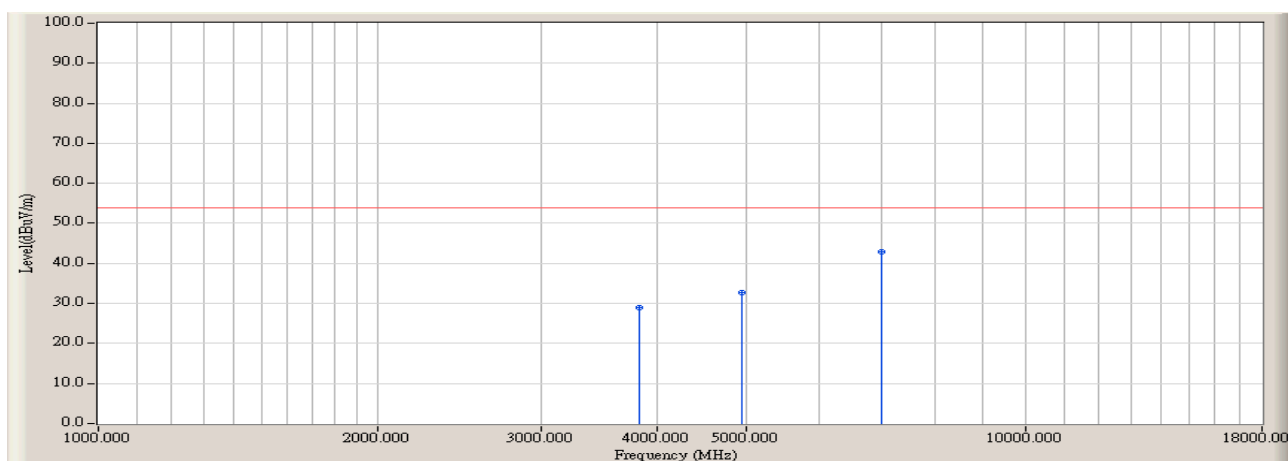


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3833.333	1.870	28.757	30.627	-43.343	73.970	PEAK
2		4938.333	5.169	29.469	34.639	-39.331	73.970	PEAK
3	*	7006.667	14.674	31.882	46.555	-27.415	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:11
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2462MHz) 19dBi

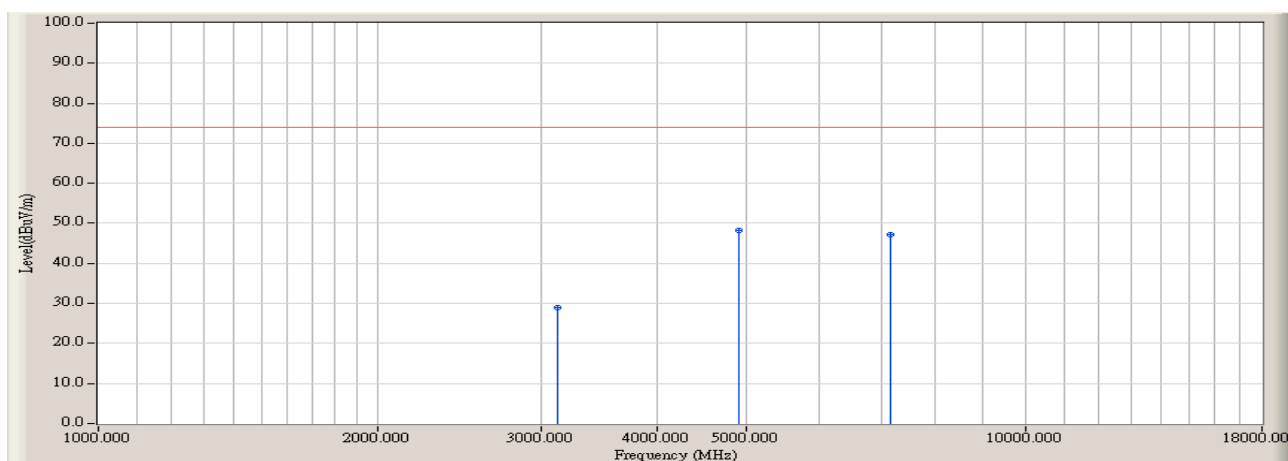


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3833.333	1.870	27.100	28.970	-25.000	53.970	AVERAGE
2		4938.333	5.169	27.500	32.670	-21.300	53.970	AVERAGE
3	*	7006.667	14.674	28.200	42.873	-11.097	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:13
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2462MHz) 19dBi

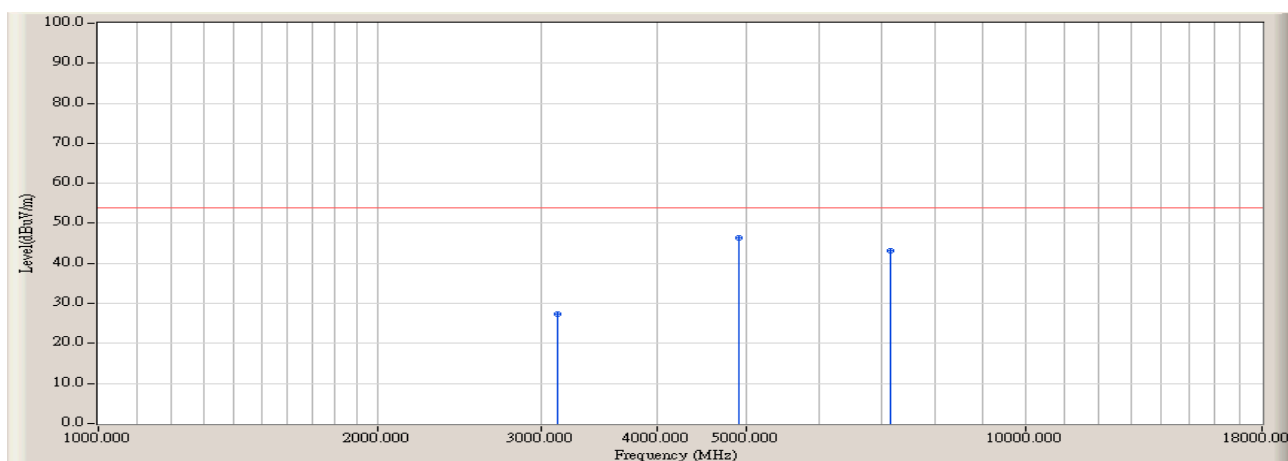


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3125.000	-0.180	29.181	29.001	-44.969	73.970	PEAK
2	*	4910.000	5.100	43.288	48.388	-25.582	73.970	PEAK
3		7148.333	15.236	31.960	47.197	-26.773	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:13
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2462MHz) 19dBi

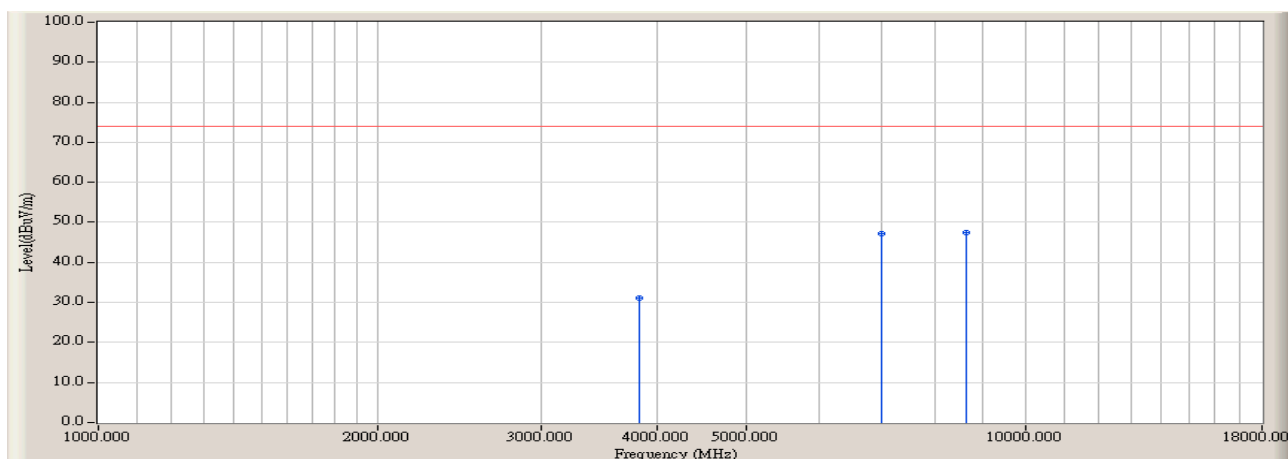


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3125.000	-0.180	27.400	27.220	-26.750	53.970	AVERAGE
2	*	4910.000	5.100	41.300	46.400	-7.570	53.970	AVERAGE
3		7148.333	15.236	27.800	43.037	-10.933	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:43
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2412MHz) 4.5dBi

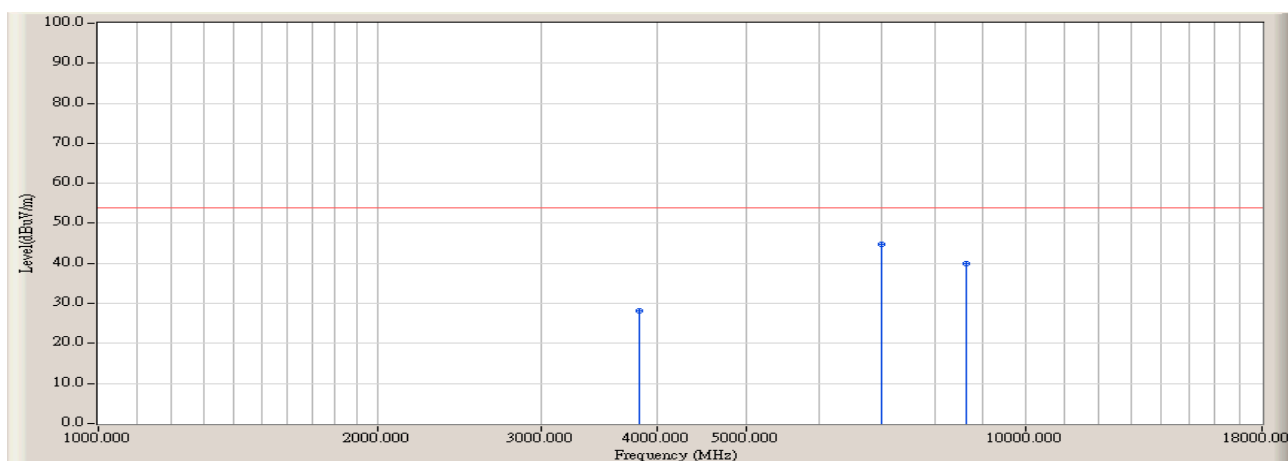


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3833.333	1.870	29.193	31.063	-42.907	73.970	PEAK
2		7006.667	14.674	32.439	47.112	-26.858	73.970	PEAK
3	*	8650.000	15.140	32.189	47.329	-26.641	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:43
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2412MHz) 4.5dBi

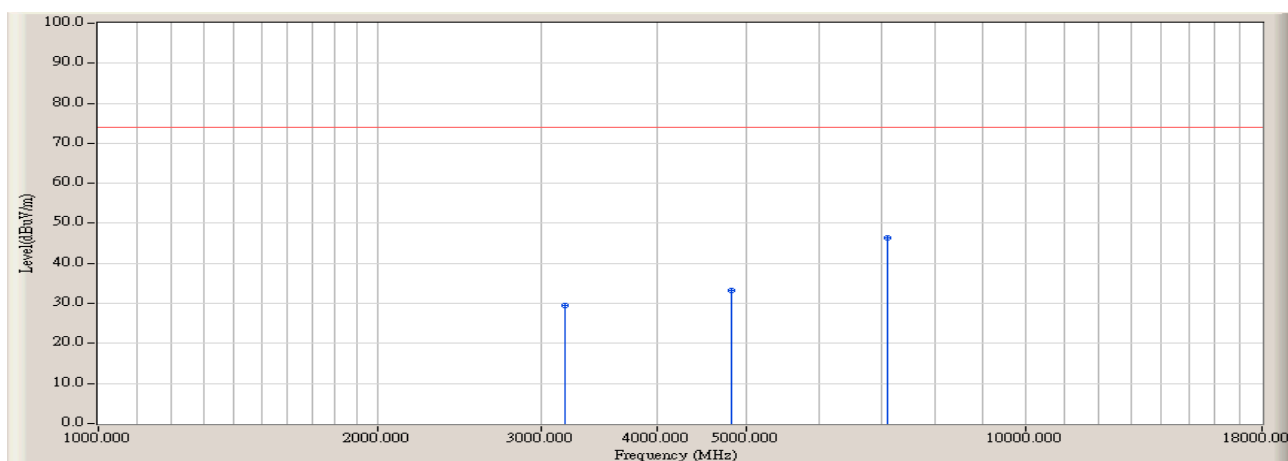


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3833.333	1.870	26.400	28.270	-25.700	53.970	AVERAGE
2	*	7006.667	14.674	30.100	44.773	-9.197	53.970	AVERAGE
3		8650.000	15.140	24.900	40.040	-13.930	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:46
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2412MHz) 4.5dBi

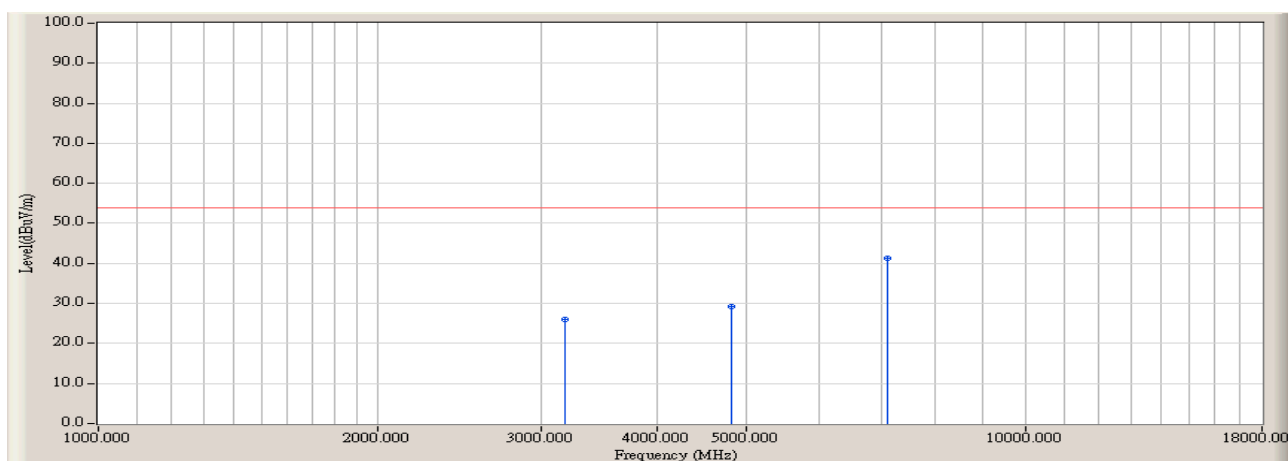


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3181.667	-0.180	29.572	29.392	-44.578	73.970	PEAK
2		4825.000	4.900	28.288	33.188	-40.782	73.970	PEAK
3	*	7091.667	15.014	31.497	46.510	-27.460	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:46
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2412MHz) 4.5dBi

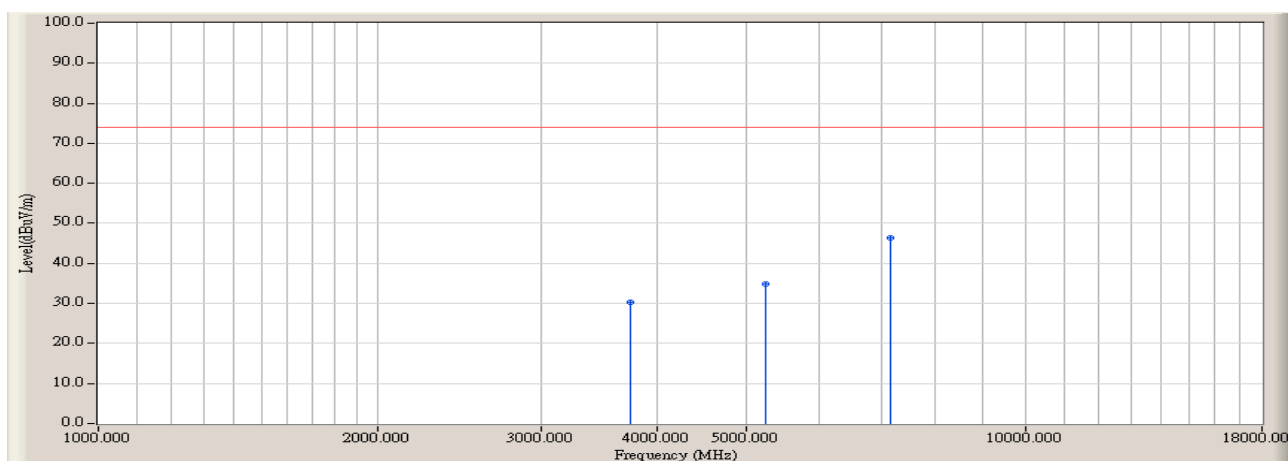


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3181.667	-0.180	26.200	26.020	-27.950	53.970	AVERAGE
2		4825.000	4.900	24.400	29.300	-24.670	53.970	AVERAGE
3	*	7091.667	15.014	26.200	41.213	-12.757	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:49
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2437MHz) 4.5dBi

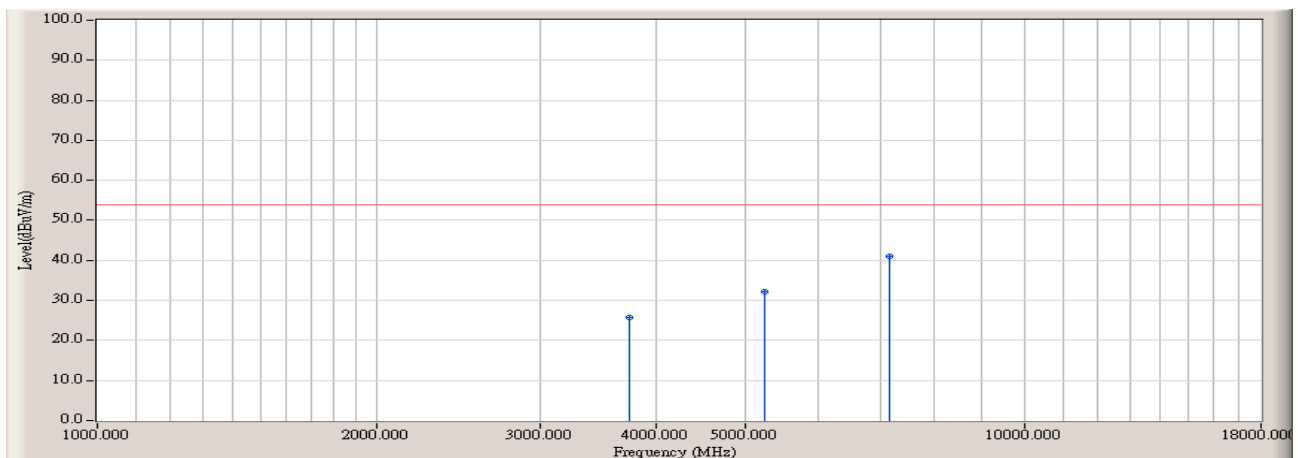


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3748.333	1.537	28.740	30.277	-43.693	73.970	PEAK
2		5250.000	5.880	28.949	34.829	-39.141	73.970	PEAK
3	*	7148.333	15.236	31.052	46.289	-27.681	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:49
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2437MHz) 4.5dBi

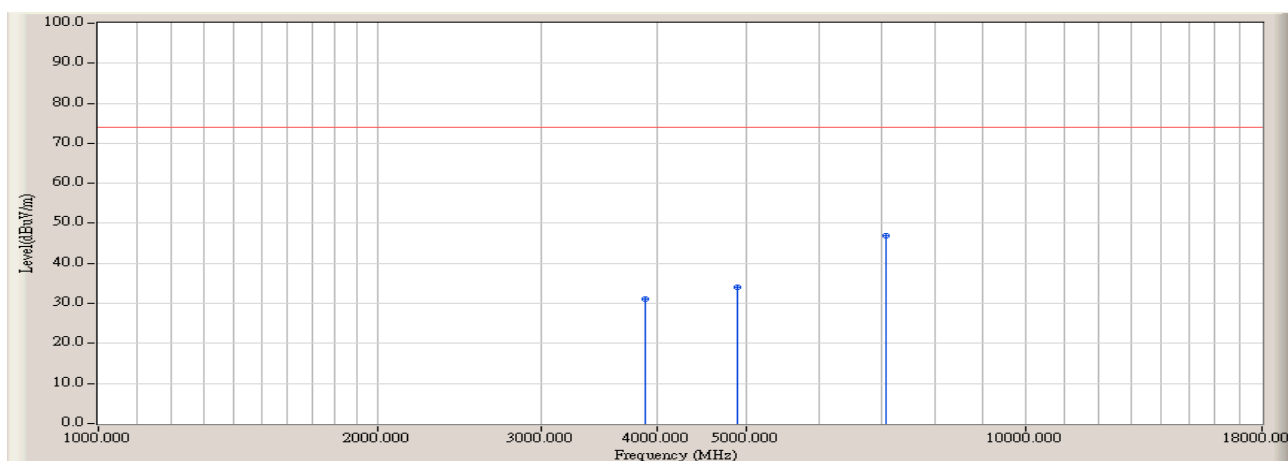


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3748.333	1.537	24.300	25.837	-28.133	53.970	AVERAGE
2		5250.000	5.880	26.300	32.180	-21.790	53.970	AVERAGE
3	*	7148.333	15.236	25.800	41.037	-12.933	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:52
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2437MHz) 4.5dBi

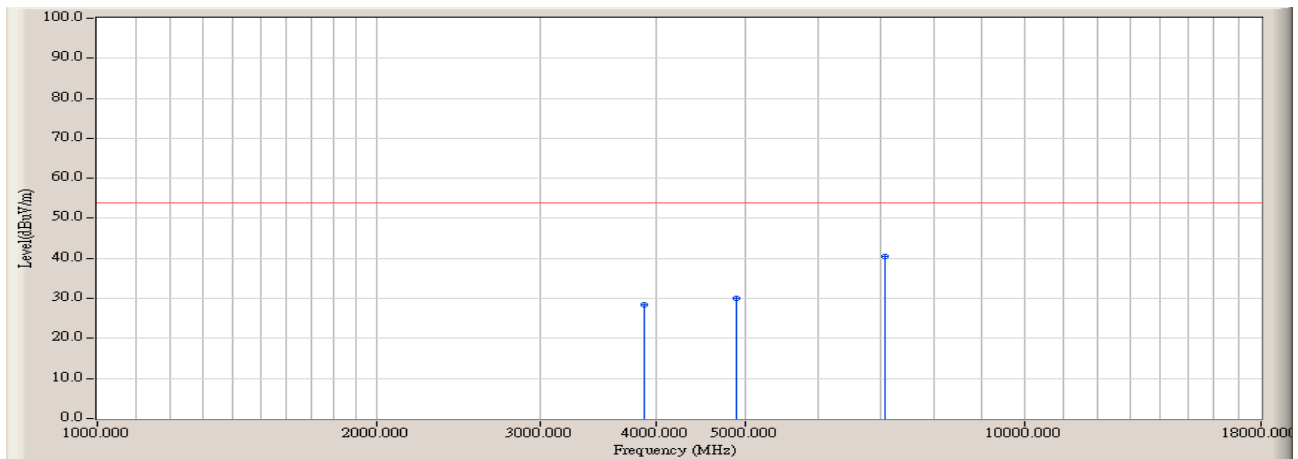


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3890.000	2.200	28.884	31.084	-42.886	73.970	PEAK
2		4881.667	5.034	29.023	34.056	-39.914	73.970	PEAK
3	*	7063.333	14.896	32.147	47.044	-26.926	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:52
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2437MHz) 4.5dBi

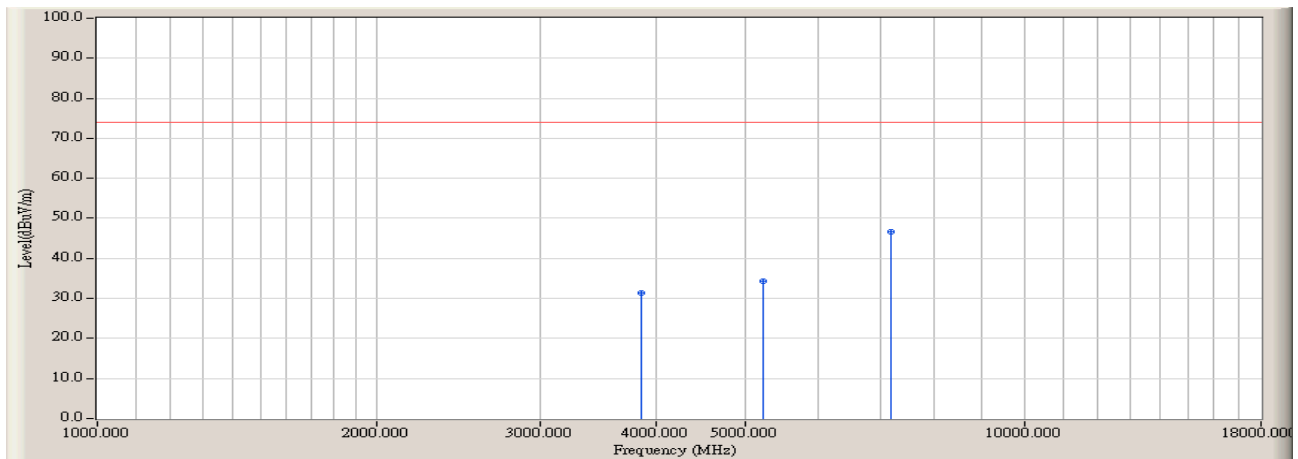


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3890.000	2.200	26.200	28.400	-25.570	53.970	AVERAGE
2		4881.667	5.034	25.100	30.133	-23.837	53.970	AVERAGE
3	*	7063.333	14.896	25.600	40.497	-13.473	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:55
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2462MHz) 4.5dBi

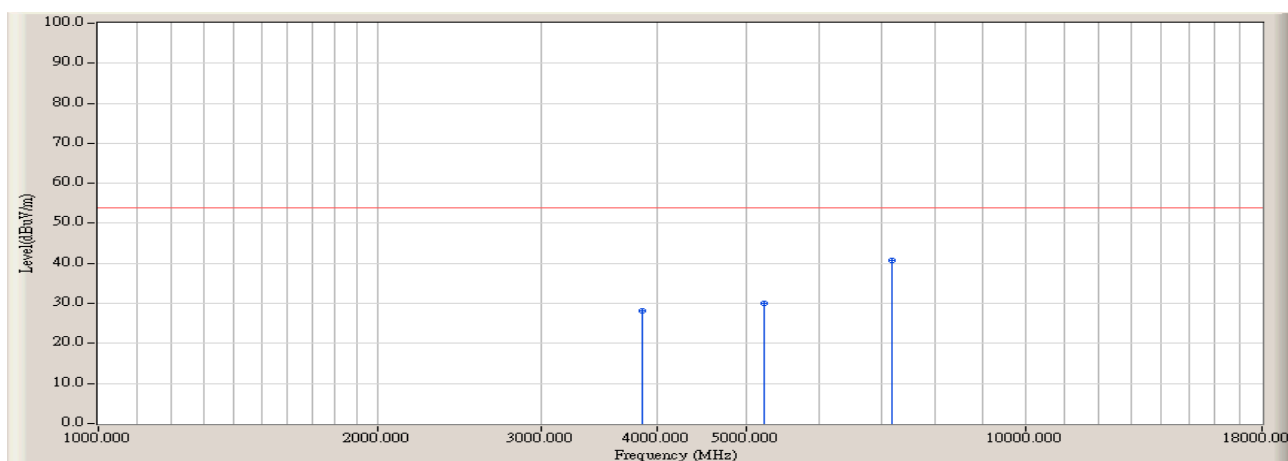


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3861.667	2.033	29.432	31.465	-42.505	73.970	PEAK
2		5221.667	5.823	28.424	34.247	-39.723	73.970	PEAK
3	*	7176.667	15.347	31.204	46.551	-27.419	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:55
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2462MHz) 4.5dBi

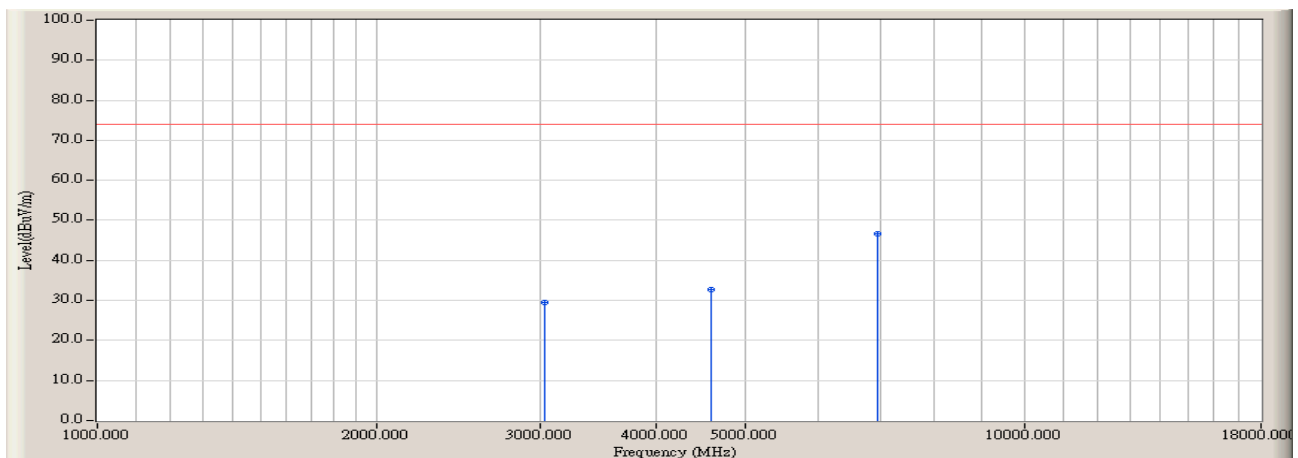


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3861.667	2.033	26.200	28.233	-25.737	53.970	AVERAGE
2		5221.667	5.823	24.200	30.023	-23.947	53.970	AVERAGE
3	*	7176.667	15.347	25.300	40.647	-13.323	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:57
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2462MHz) 4.5dBi

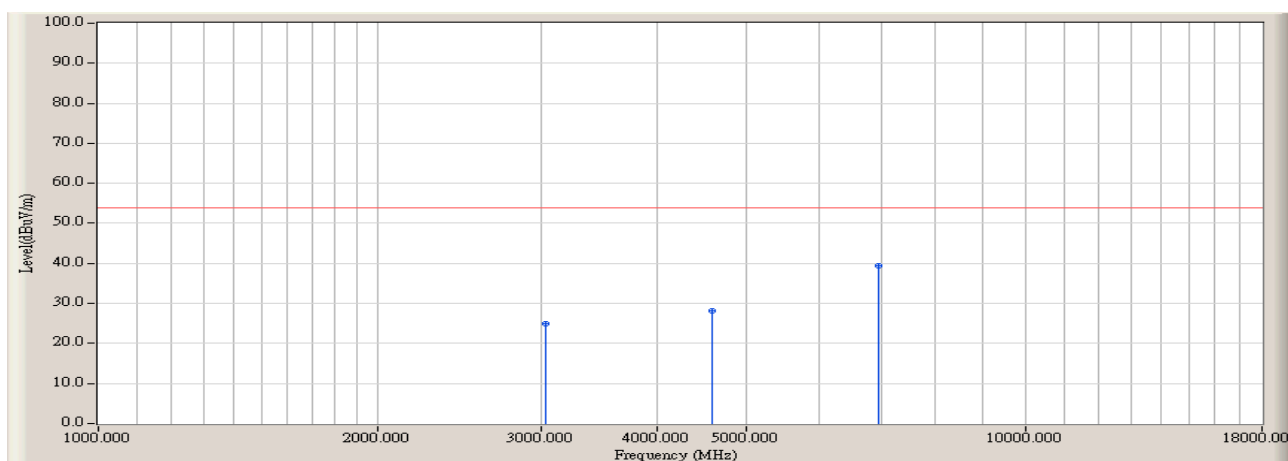


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3040.000	-0.400	29.855	29.455	-44.515	73.970	PEAK
2		4598.333	4.113	28.674	32.787	-41.183	73.970	PEAK
3	*	6950.000	14.500	32.065	46.565	-27.405	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:57
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 1: Transmit by 802.11b (2462MHz) 4.5dBi

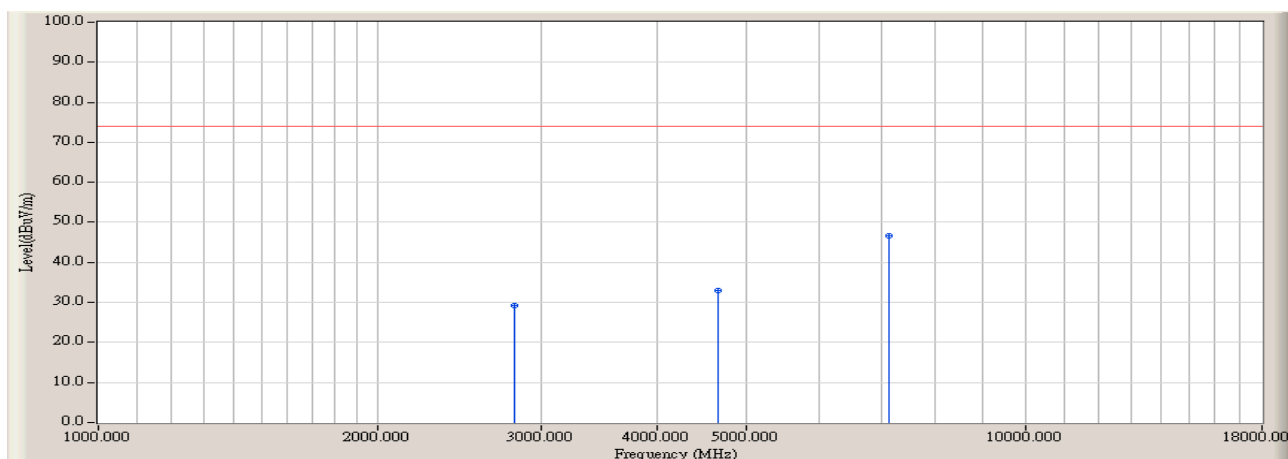


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3040.000	-0.400	25.300	24.900	-29.070	53.970	AVERAGE
2		4598.333	4.113	24.100	28.213	-25.757	53.970	AVERAGE
3	*	6950.000	14.500	24.800	39.300	-14.670	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:17
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2412MHz) 19dBi

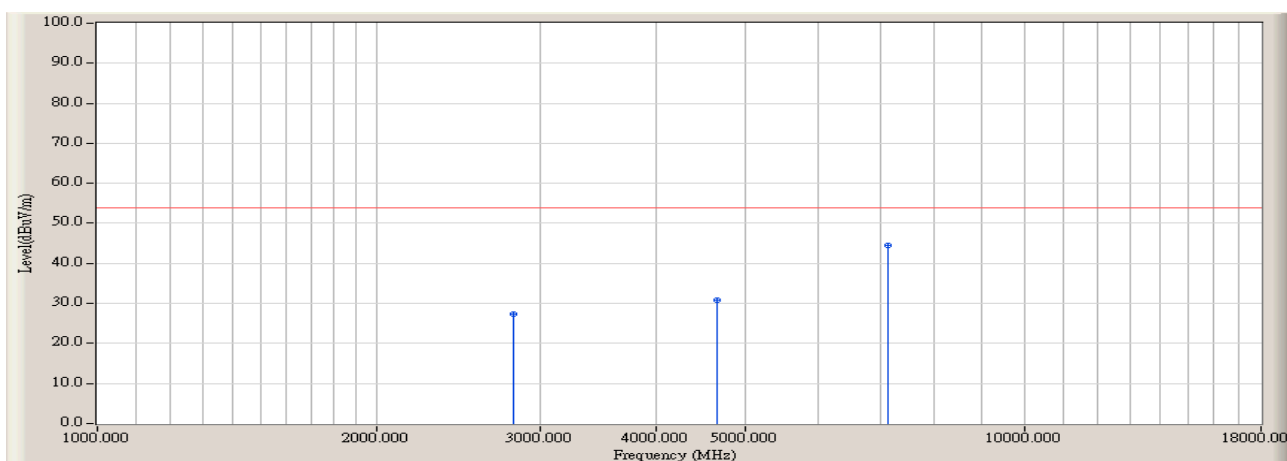


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2813.333	-1.001	30.152	29.152	-44.818	73.970	PEAK
2		4655.000	4.340	28.688	33.028	-40.942	73.970	PEAK
3	*	7120.000	15.120	31.661	46.781	-27.189	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:17
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2412MHz) 19dBi

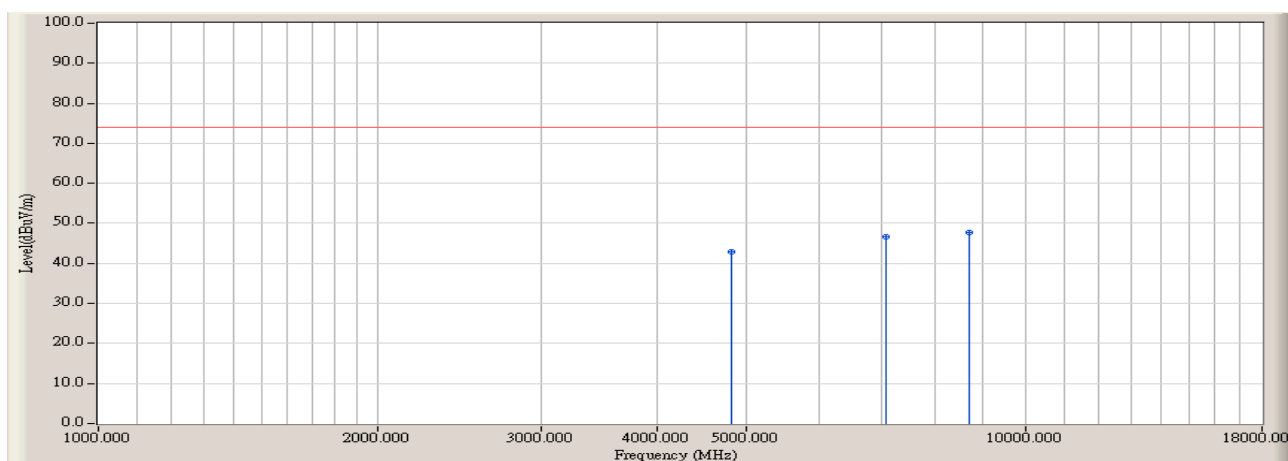


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2813.333	-1.001	28.400	27.400	-26.570	53.970	AVERAGE
2		4655.000	4.340	26.500	30.840	-23.130	53.970	AVERAGE
3	*	7120.000	15.120	29.400	44.520	-9.450	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:20
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2412MHz) 19dBi

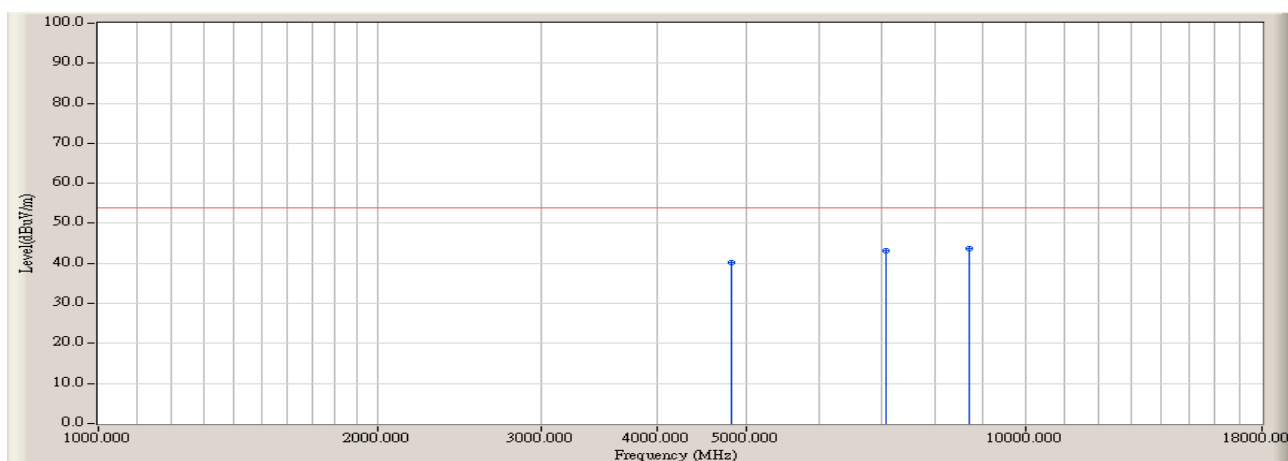


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4825.000	4.900	37.965	42.865	-31.105	73.970	PEAK
2		7063.333	14.896	31.750	46.647	-27.323	73.970	PEAK
3	*	8706.667	15.307	32.466	47.773	-26.197	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:20
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2412MHz) 19dBi

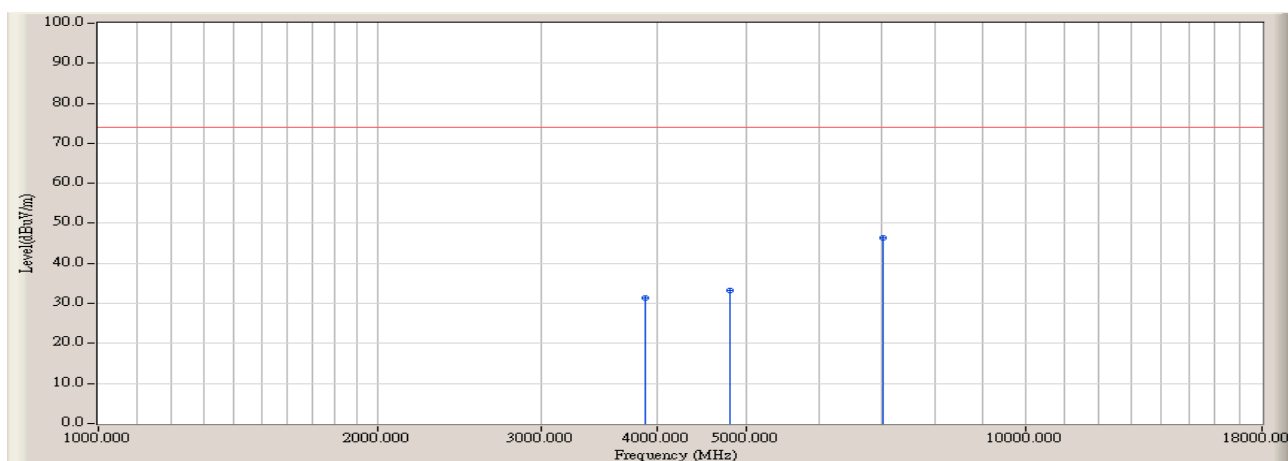


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4825.000	4.900	35.200	40.100	-13.870	53.970	AVERAGE
2		7063.333	14.896	28.400	43.297	-10.673	53.970	AVERAGE
3	*	8706.667	15.307	28.400	43.707	-10.263	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2437MHz) 19dBi

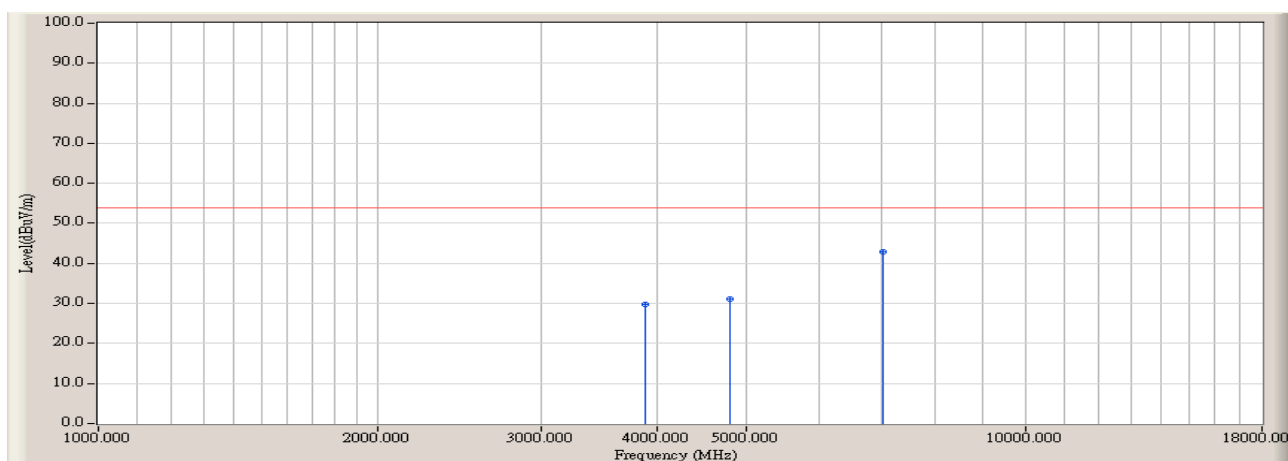


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3890.000	2.200	29.221	31.421	-42.549	73.970	PEAK
2		4796.667	4.834	28.290	33.123	-40.847	73.970	PEAK
3	*	7035.000	14.790	31.493	46.283	-27.687	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2437MHz) 19dBi

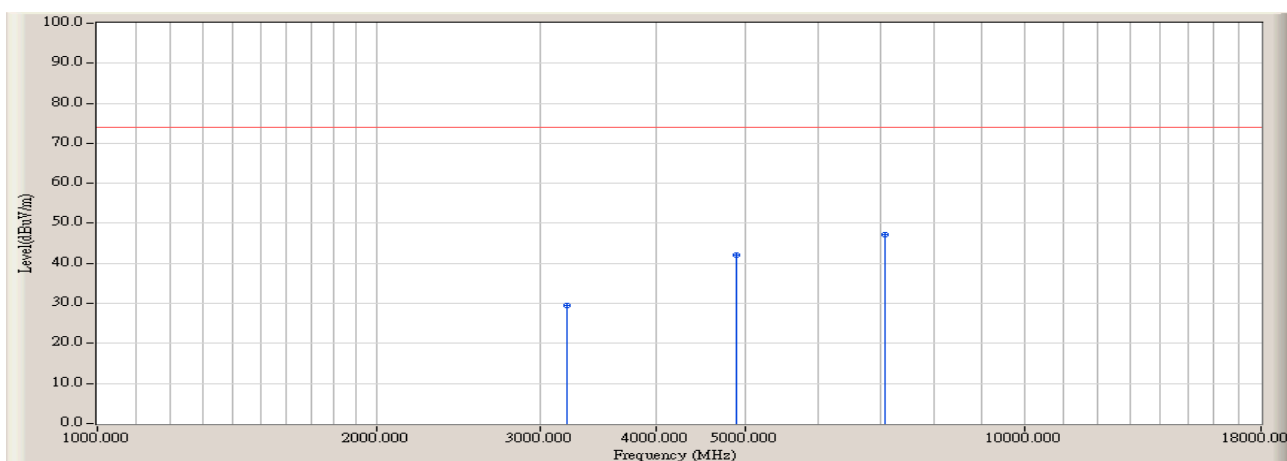


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3890.000	2.200	27.600	29.800	-24.170	53.970	AVERAGE
2		4796.667	4.834	26.400	31.233	-22.737	53.970	AVERAGE
3	*	7035.000	14.790	28.100	42.890	-11.080	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:28
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2437MHz) 19dBi

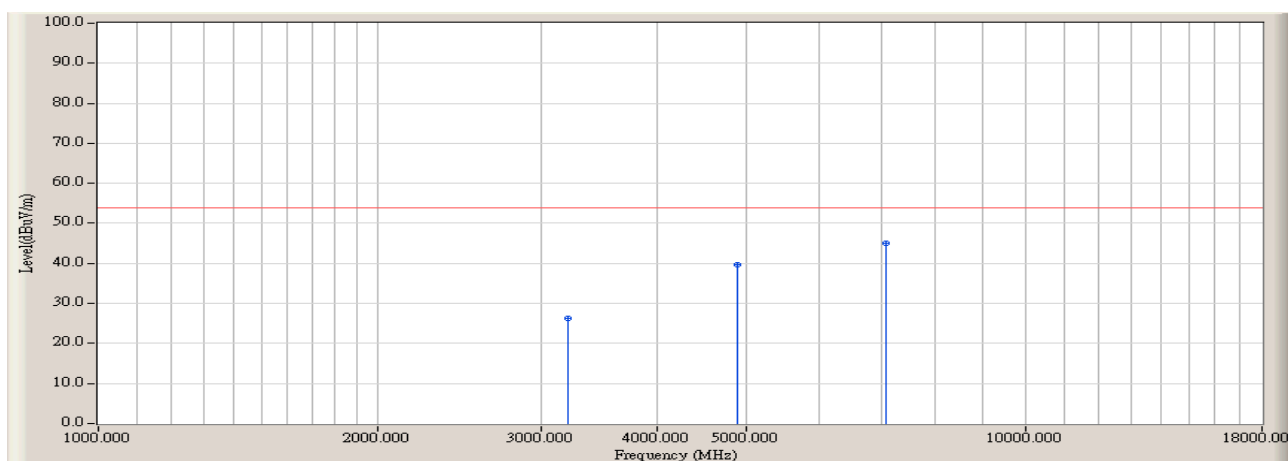


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3210.000	-0.190	29.577	29.387	-44.583	73.970	PEAK
2		4881.667	5.034	37.179	42.212	-31.758	73.970	PEAK
3	*	7063.333	14.896	32.244	47.141	-26.829	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:28
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2437MHz) 19dBi

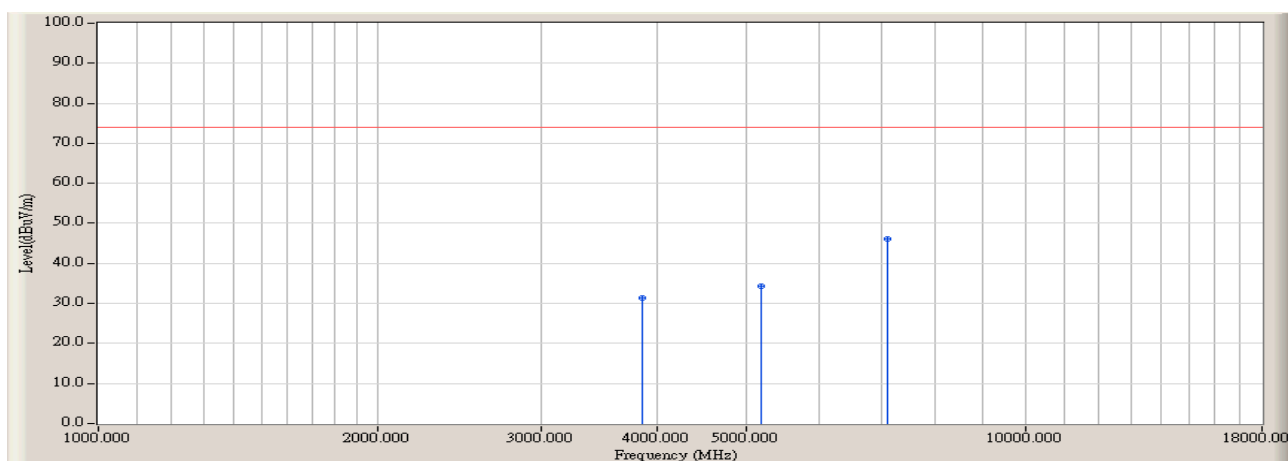


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3210.000	-0.190	26.500	26.310	-27.660	53.970	AVERAGE
2		4881.667	5.034	34.600	39.633	-14.337	53.970	AVERAGE
3	*	7063.333	14.896	30.200	45.097	-8.873	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:32
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2462MHz) 19dBi

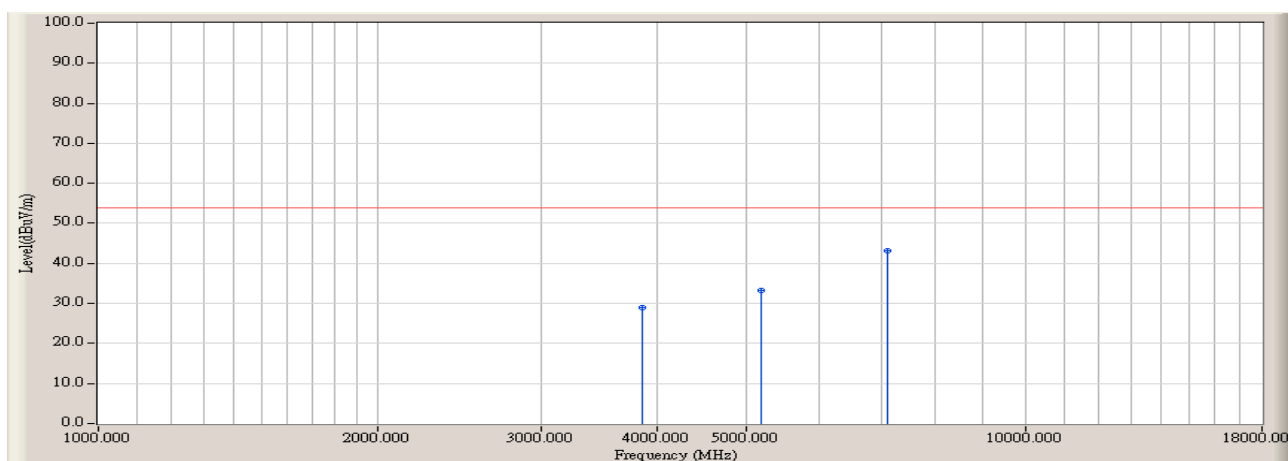


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3861.667	2.033	29.360	31.393	-42.577	73.970	PEAK
2		5193.333	5.767	28.599	34.366	-39.604	73.970	PEAK
3	*	7091.667	15.014	31.077	46.090	-27.880	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:32
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2462MHz) 19dBi

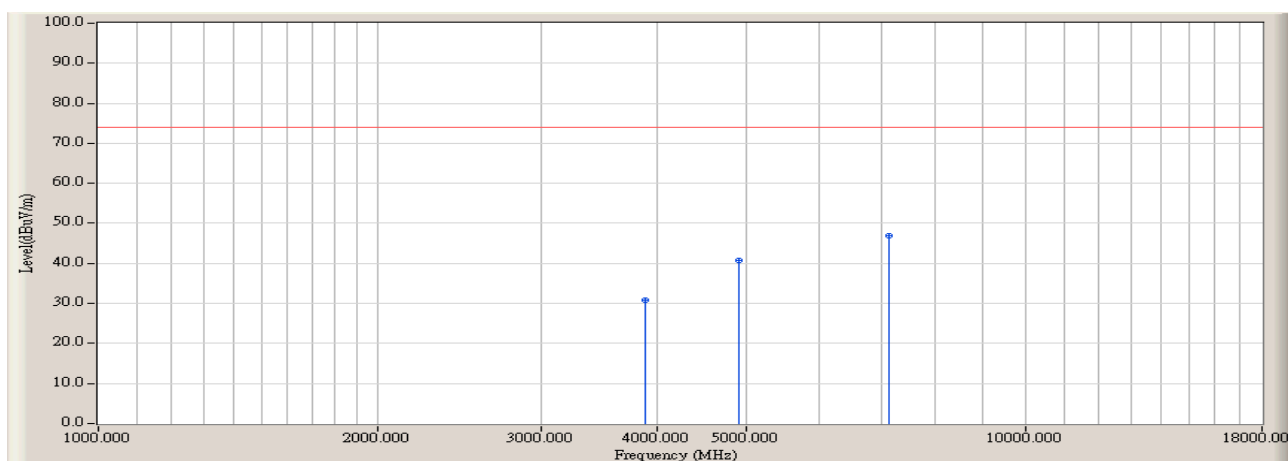


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3861.667	2.033	26.800	28.833	-25.137	53.970	AVERAGE
2		5193.333	5.767	27.600	33.367	-20.603	53.970	AVERAGE
3	*	7091.667	15.014	28.200	43.213	-10.757	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:35
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2462MHz) 19dBi

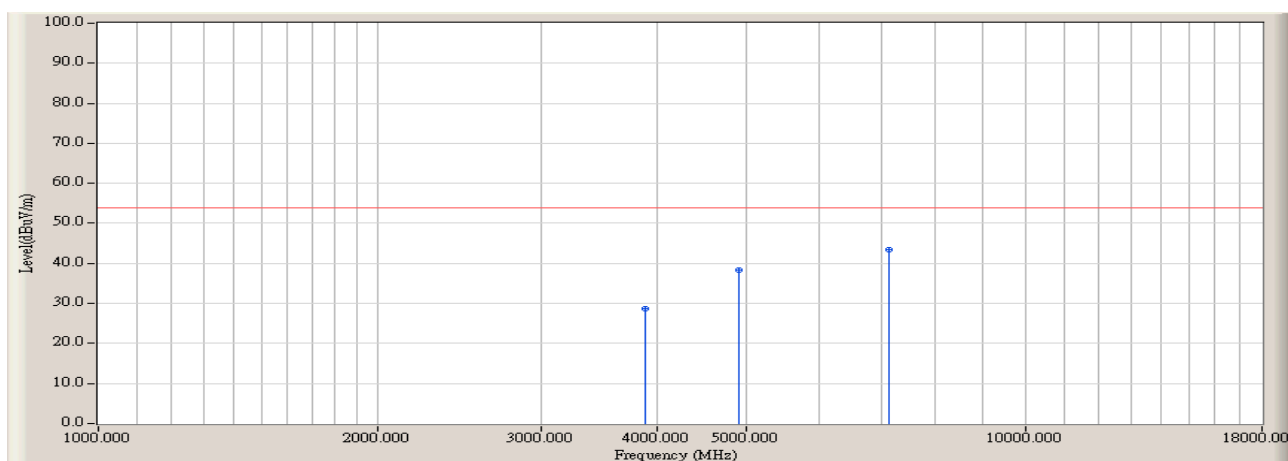


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3890.000	2.200	28.516	30.716	-43.254	73.970	PEAK
2		4910.000	5.100	35.547	40.647	-33.323	73.970	PEAK
3	*	7120.000	15.120	31.866	46.986	-26.984	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 14:35
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2462MHz) 19dBi

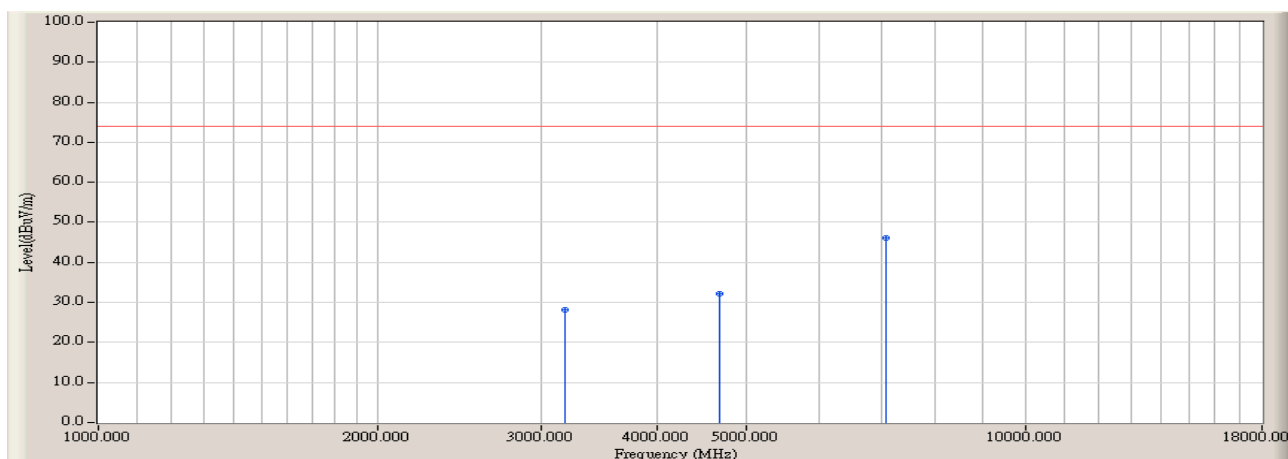


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3890.000	2.200	26.400	28.600	-25.370	53.970	AVERAGE
2		4910.000	5.100	33.200	38.300	-15.670	53.970	AVERAGE
3	*	7120.000	15.120	28.400	43.520	-10.450	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:01
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2412MHz) 4.5dBi

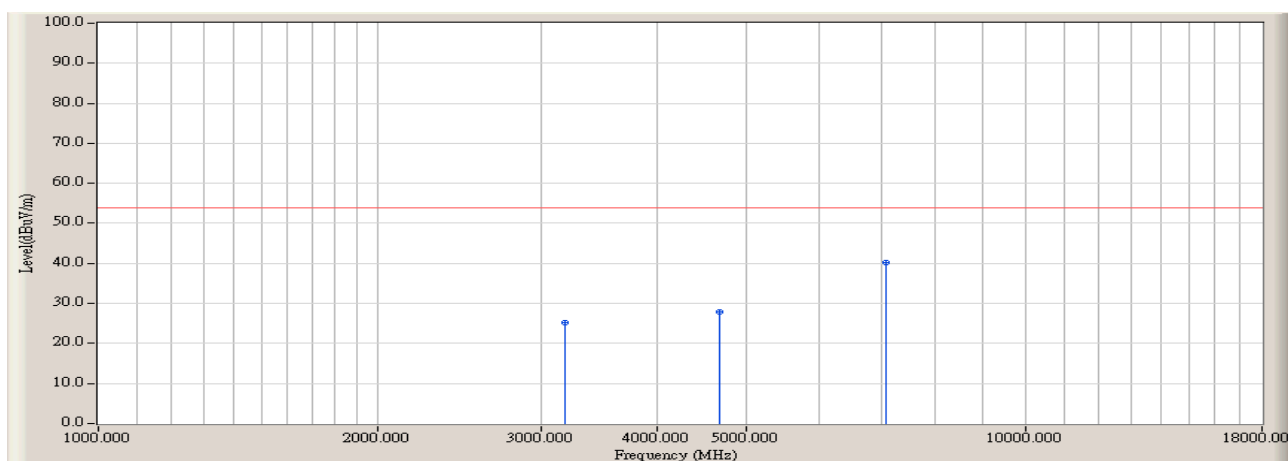


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3181.667	-0.180	28.376	28.196	-45.774	73.970	PEAK
2		4683.333	4.466	27.615	32.082	-41.888	73.970	PEAK
3	*	7063.333	14.896	31.192	46.089	-27.881	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:01
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2412MHz) 4.5dBi

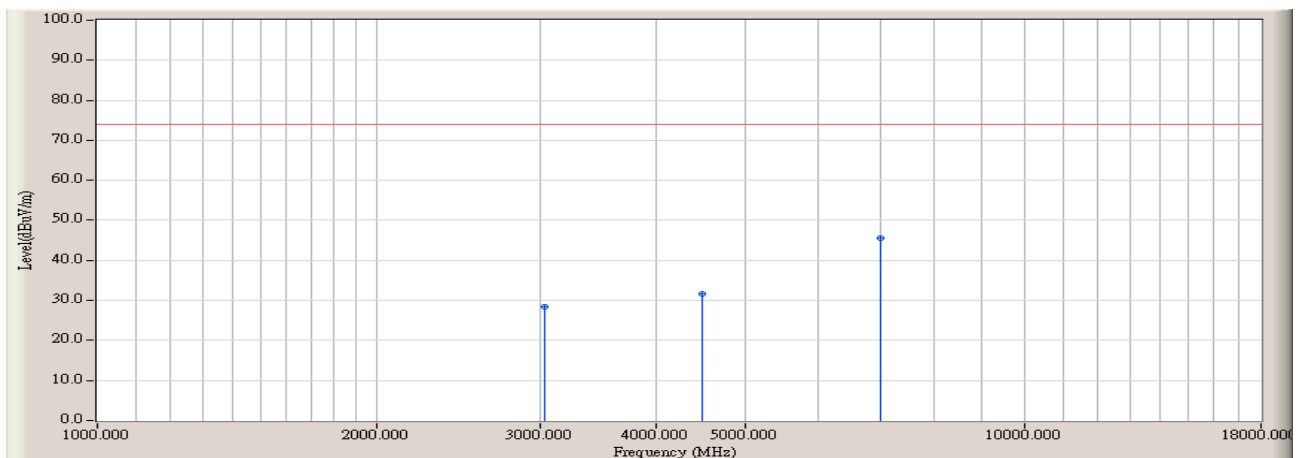


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3181.667	-0.180	25.400	25.220	-28.750	53.970	AVERAGE
2		4683.333	4.466	23.500	27.967	-26.003	53.970	AVERAGE
3	*	7063.333	14.896	25.400	40.297	-13.673	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:02
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2412MHz) 4.5dBi

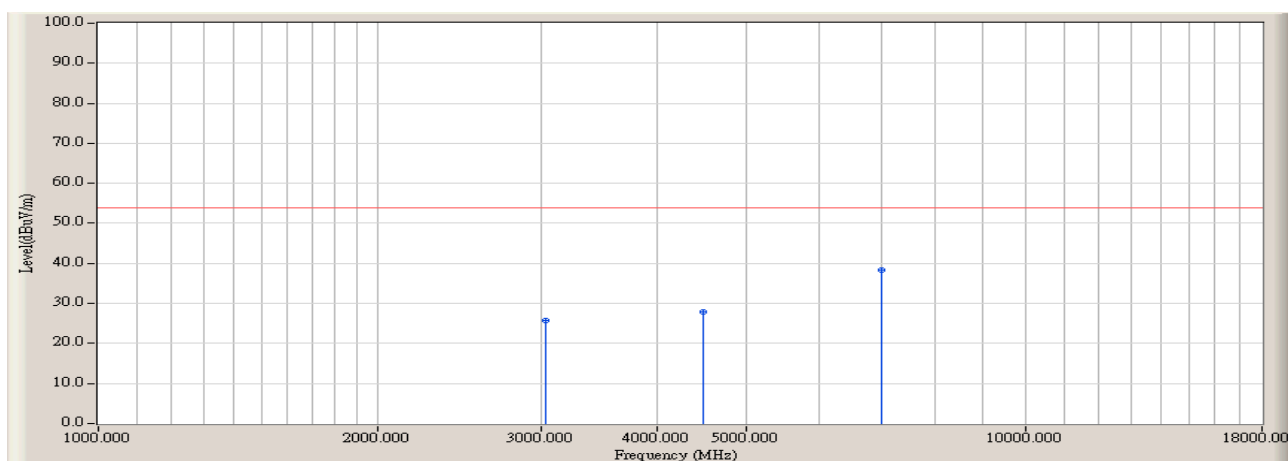


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3040.000	-0.400	28.713	28.313	-45.657	73.970	PEAK
2		4485.000	3.880	27.820	31.700	-42.270	73.970	PEAK
3	*	7006.667	14.674	30.846	45.519	-28.451	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:02
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2412MHz) 4.5dBi

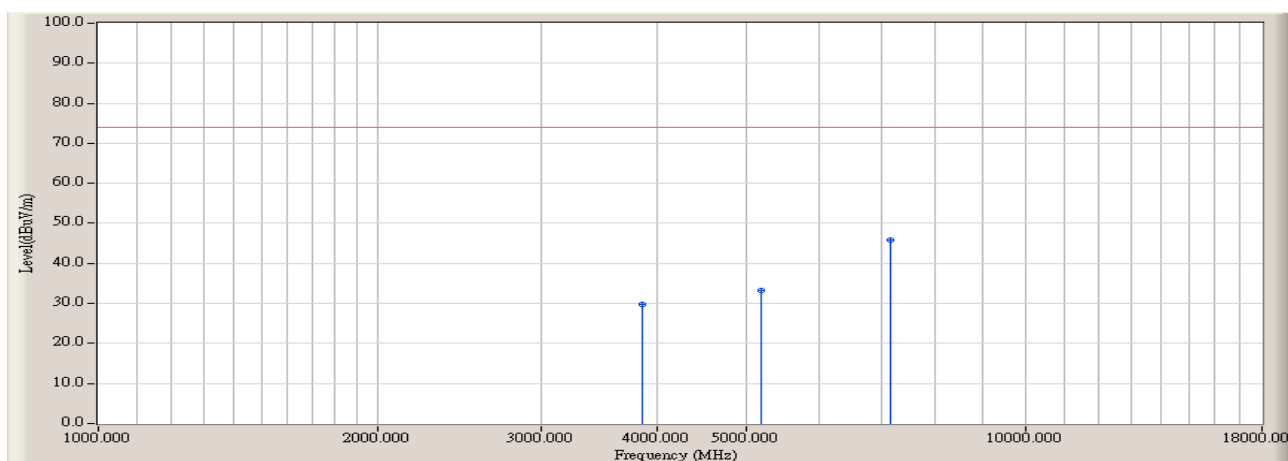


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3040.000	-0.400	26.200	25.800	-28.170	53.970	AVERAGE
2		4485.000	3.880	24.100	27.980	-25.990	53.970	AVERAGE
3	*	7006.667	14.674	23.600	38.273	-15.697	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:04
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2437MHz) 4.5dBi

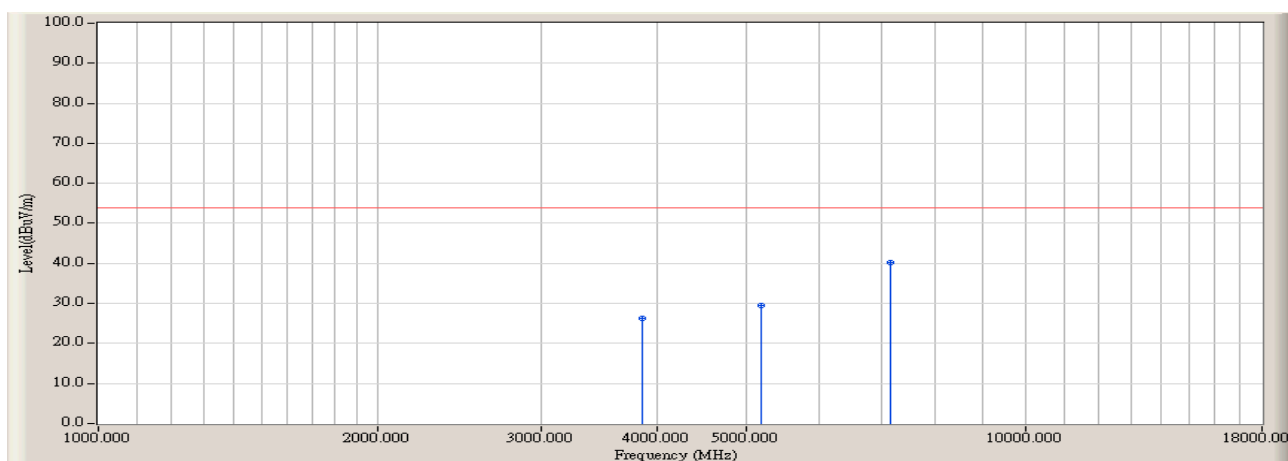


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3861.667	2.033	27.794	29.827	-44.143	73.970	PEAK
2		5193.333	5.767	27.520	33.287	-40.683	73.970	PEAK
3	*	7148.333	15.236	30.571	45.808	-28.162	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:04
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2437MHz) 4.5dBi

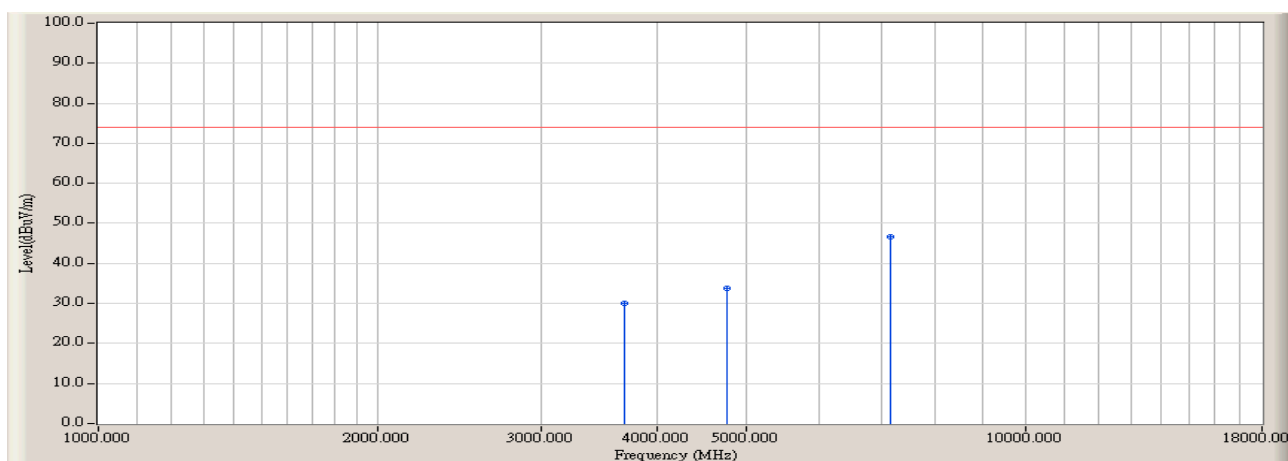


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3861.667	2.033	24.300	26.333	-27.637	53.970	AVERAGE
2		5193.333	5.767	23.800	29.567	-24.403	53.970	AVERAGE
3	*	7148.333	15.236	25.100	40.337	-13.633	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:06
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2437MHz) 4.5dBi

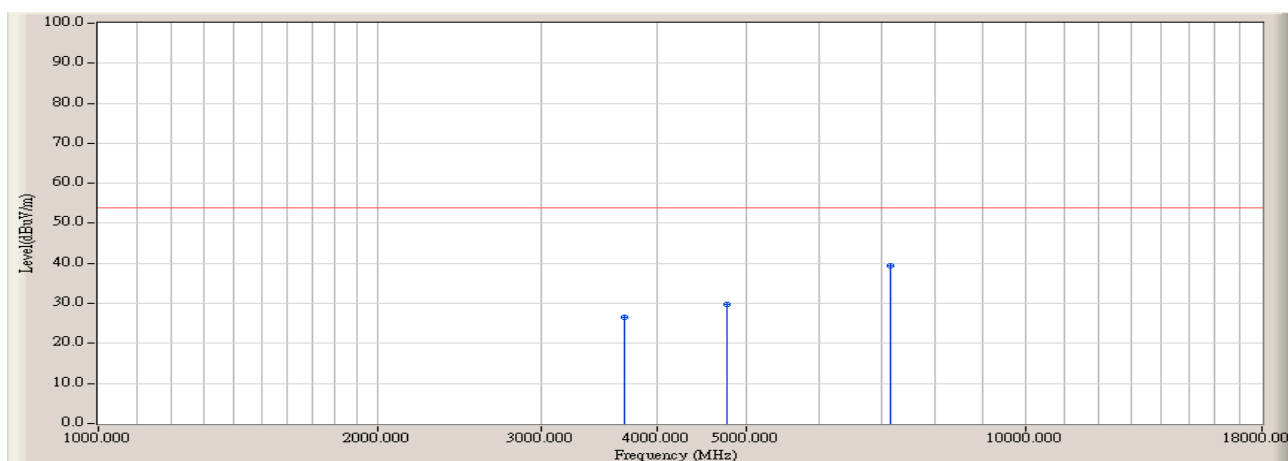


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3691.667	1.390	28.560	29.950	-44.020	73.970	PEAK
2		4768.333	4.743	29.148	33.891	-40.079	73.970	PEAK
3	*	7148.333	15.236	31.343	46.580	-27.390	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:06
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2437MHz) 4.5dBi

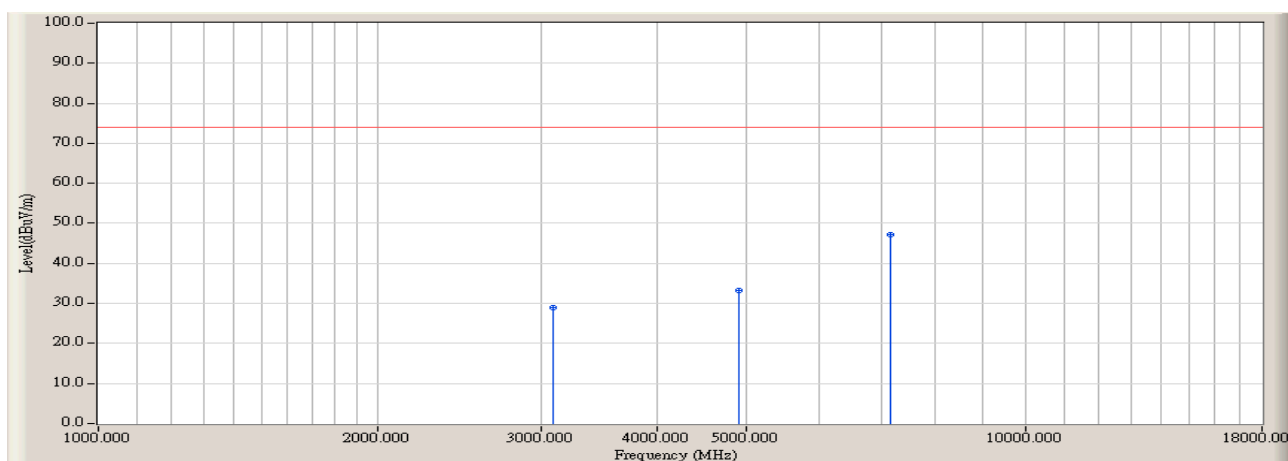


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3691.667	1.390	25.200	26.590	-27.380	53.970	AVERAGE
2		4768.333	4.743	25.100	29.843	-24.127	53.970	AVERAGE
3	*	7148.333	15.236	24.200	39.437	-14.533	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:09
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2462MHz) 4.5dBi

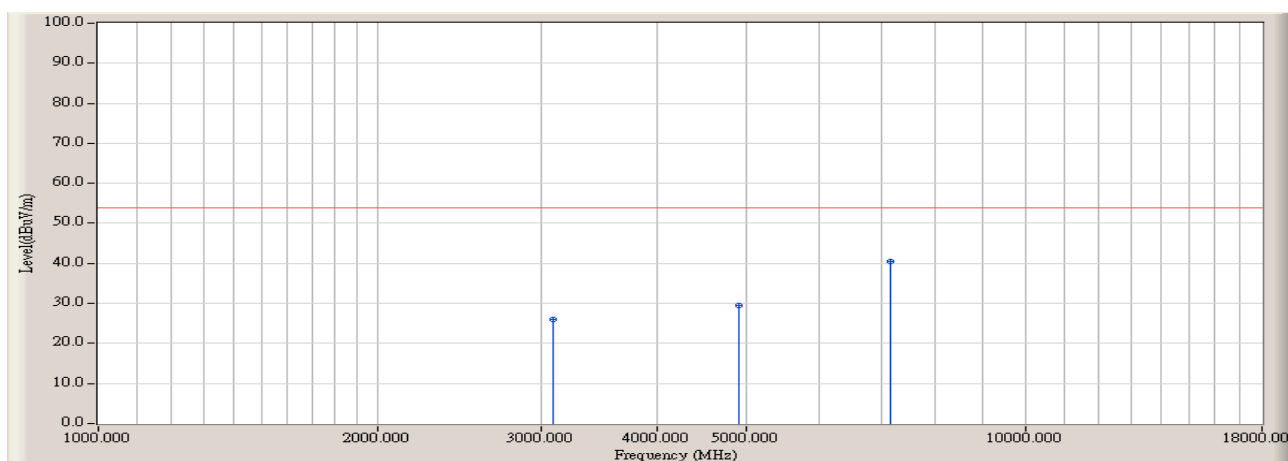


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3096.667	-0.200	29.275	29.075	-44.895	73.970	PEAK
2		4910.000	5.100	28.150	33.250	-40.720	73.970	PEAK
3	*	7148.333	15.236	31.960	47.197	-26.773	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:09
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2462MHz) 4.5dBi

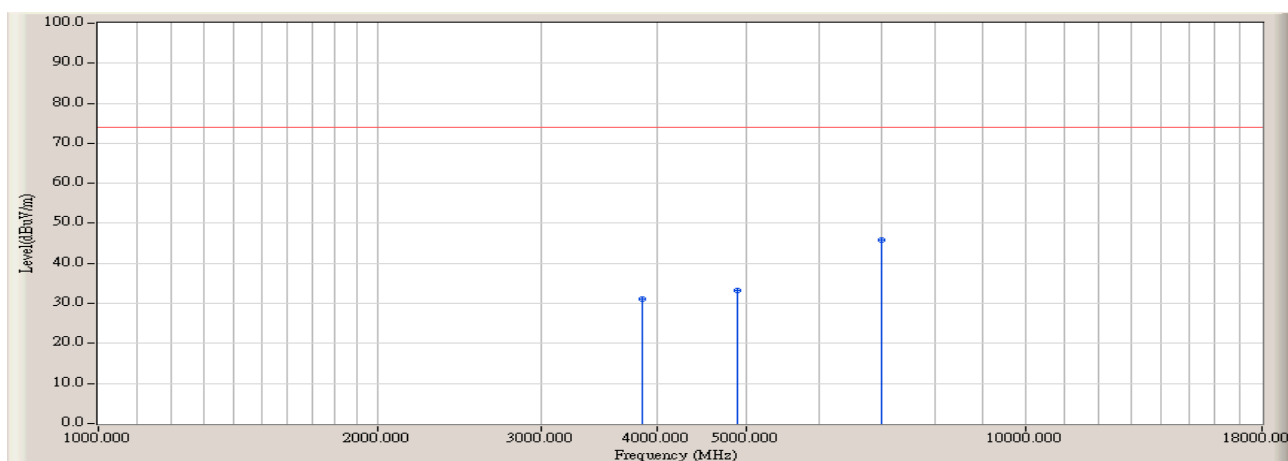


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3096.667	-0.200	26.200	26.000	-27.970	53.970	AVERAGE
2		4910.000	5.100	24.300	29.400	-24.570	53.970	AVERAGE
3	*	7148.333	15.236	25.200	40.437	-13.533	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:10
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2462MHz) 4.5dBi

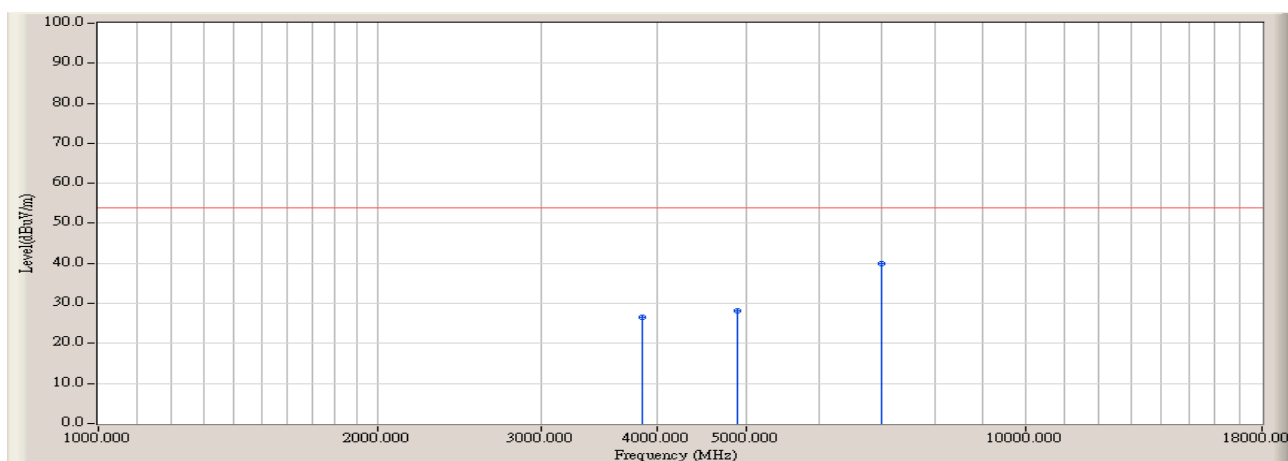


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3861.667	2.033	28.966	30.999	-42.971	73.970	PEAK
2		4881.667	5.034	28.142	33.175	-40.795	73.970	PEAK
3	*	7006.667	14.674	31.088	45.761	-28.209	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:10
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 2: Transmit by 802.11g (2462MHz) 4.5dBi

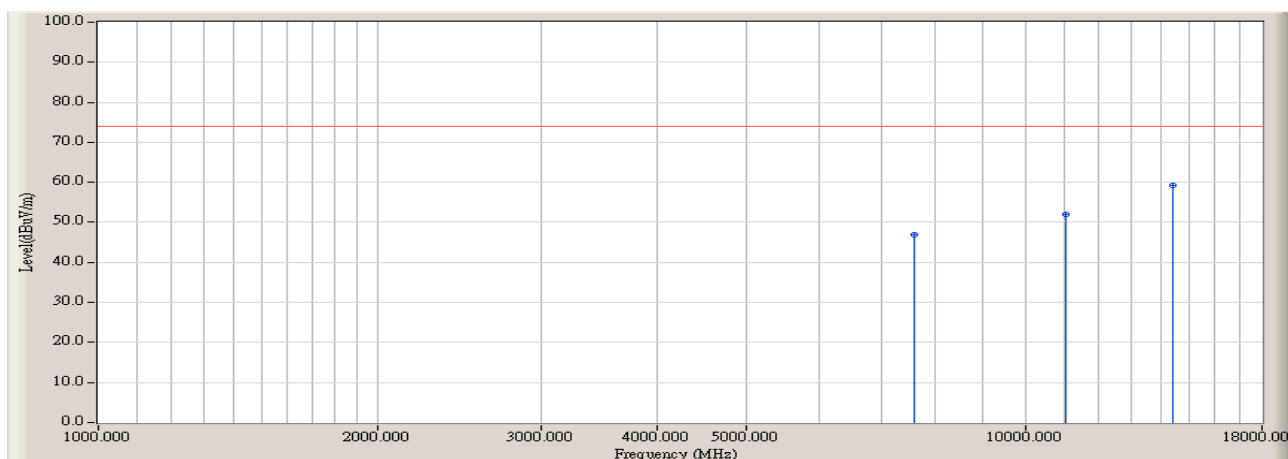


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		3861.667	2.033	24.500	26.533	-27.437	53.970	AVERAGE
2		4881.667	5.034	23.200	28.233	-25.737	53.970	AVERAGE
3	*	7006.667	14.674	25.200	39.873	-14.097	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:17
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5745MHz) 23dBi

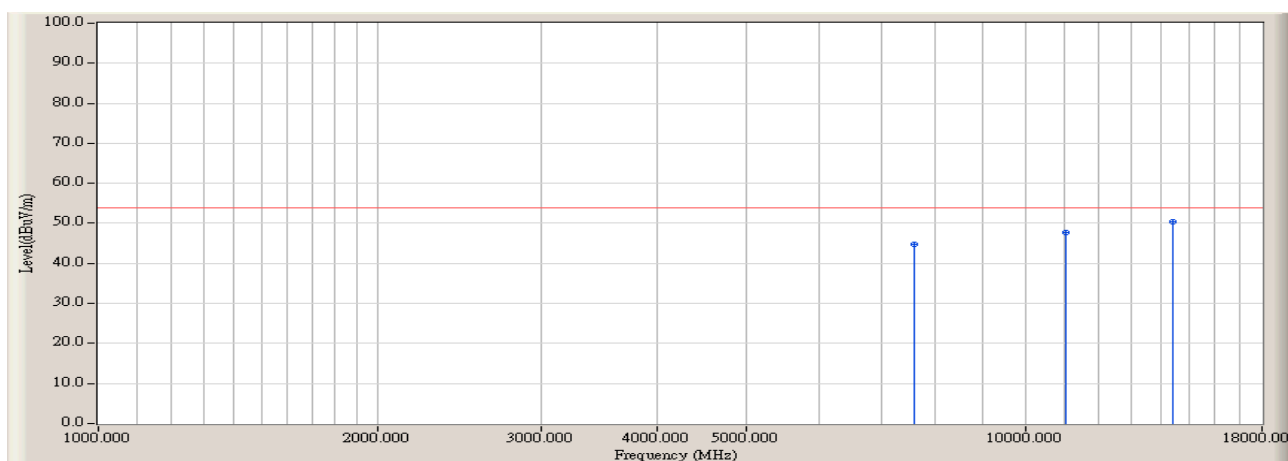


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7601.667	14.584	32.387	46.970	-27.000	73.970	PEAK
2		11058.333	20.170	31.906	52.076	-21.894	73.970	PEAK
3	*	14430.000	25.970	33.396	59.366	-14.604	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:17
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5745MHz) 23dBi

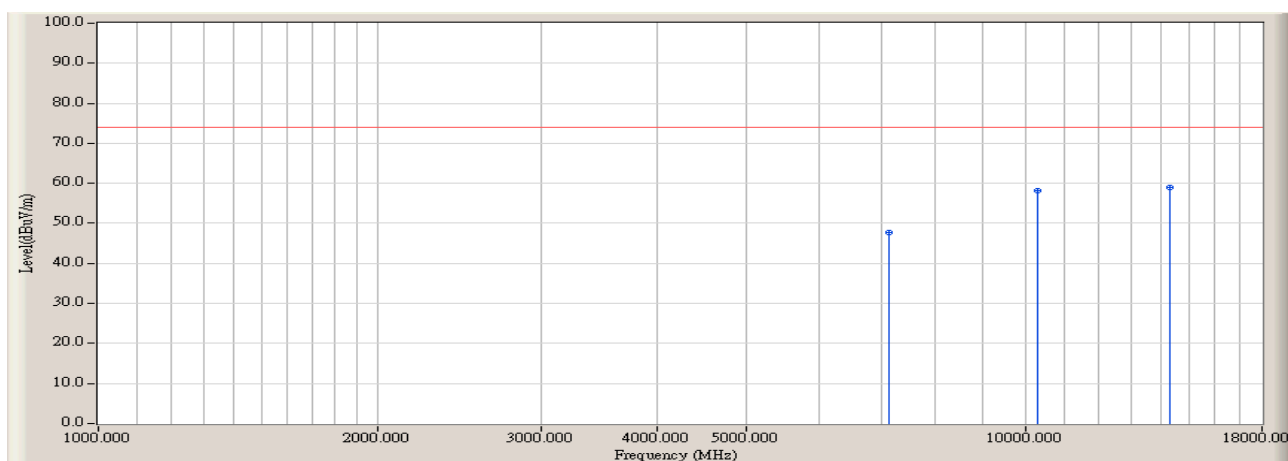


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7601.667	14.584	30.200	44.783	-9.187	53.970	AVERAGE
2		11058.333	20.170	27.600	47.770	-6.200	53.970	AVERAGE
3	*	14430.000	25.970	24.300	50.270	-3.700	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:26
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5745MHz) 23dBi

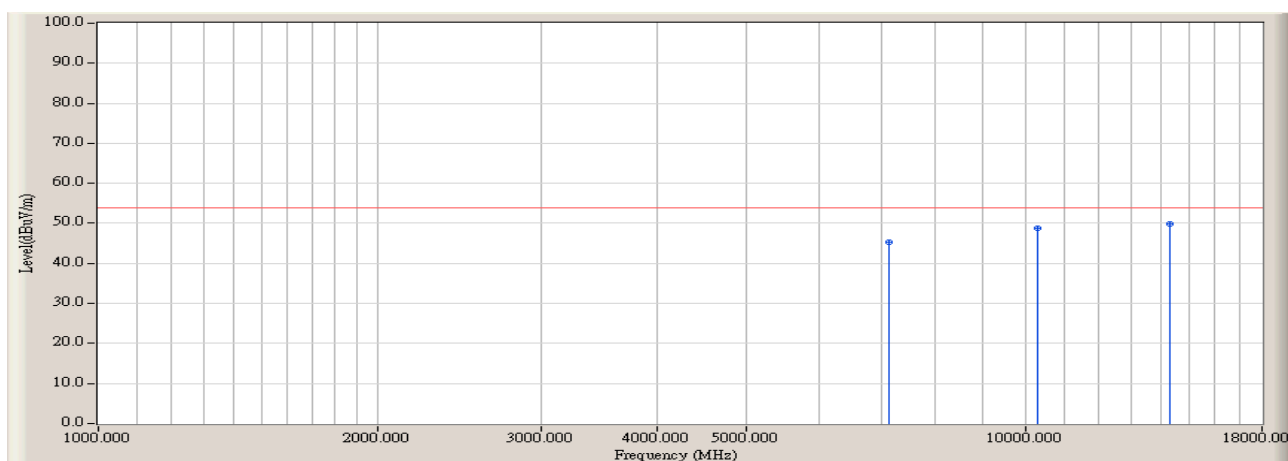


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7120.000	15.120	32.540	47.660	-26.310	73.970	PEAK
2		10321.667	18.700	39.347	58.047	-15.923	73.970	PEAK
3	*	14316.667	25.670	33.296	58.966	-15.004	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:26
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5745MHz) 23dBi

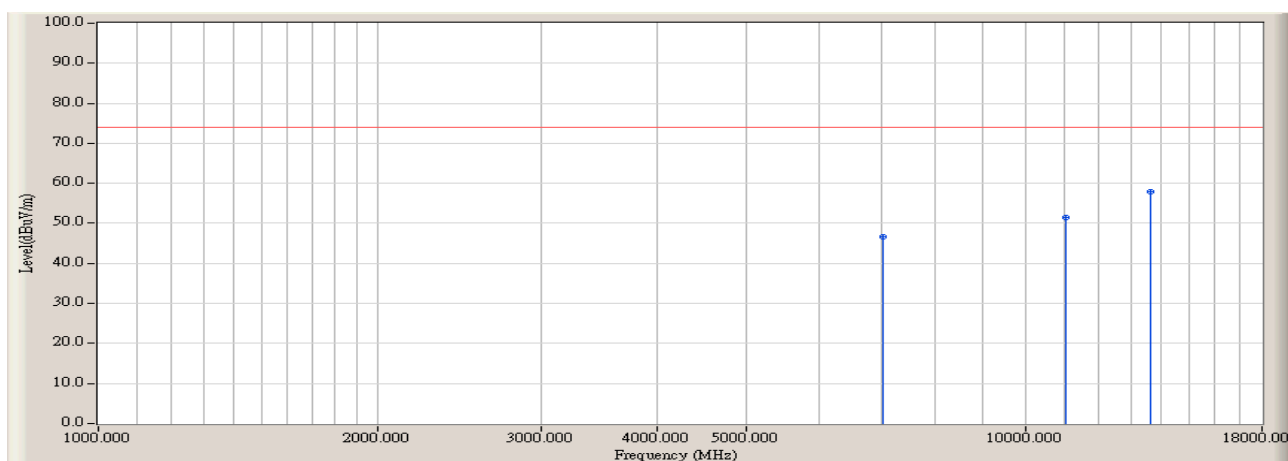


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7120.000	15.120	30.200	45.320	-8.650	53.970	AVERAGE
2		10321.667	18.700	30.100	48.800	-5.170	53.970	AVERAGE
3	*	14316.667	25.670	24.200	49.870	-4.100	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:29
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5785MHz) 23dBi

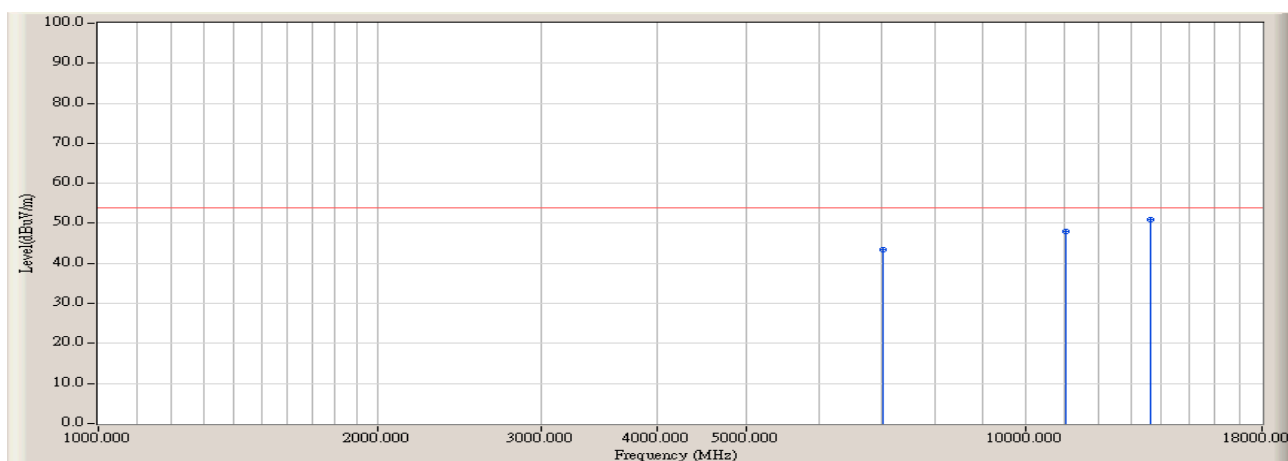


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7035.000	14.790	31.834	46.624	-27.346	73.970	PEAK
2		11058.333	20.170	31.374	51.544	-22.426	73.970	PEAK
3	*	13665.000	23.470	34.357	57.827	-16.143	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:29
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5785MHz) 23dBi

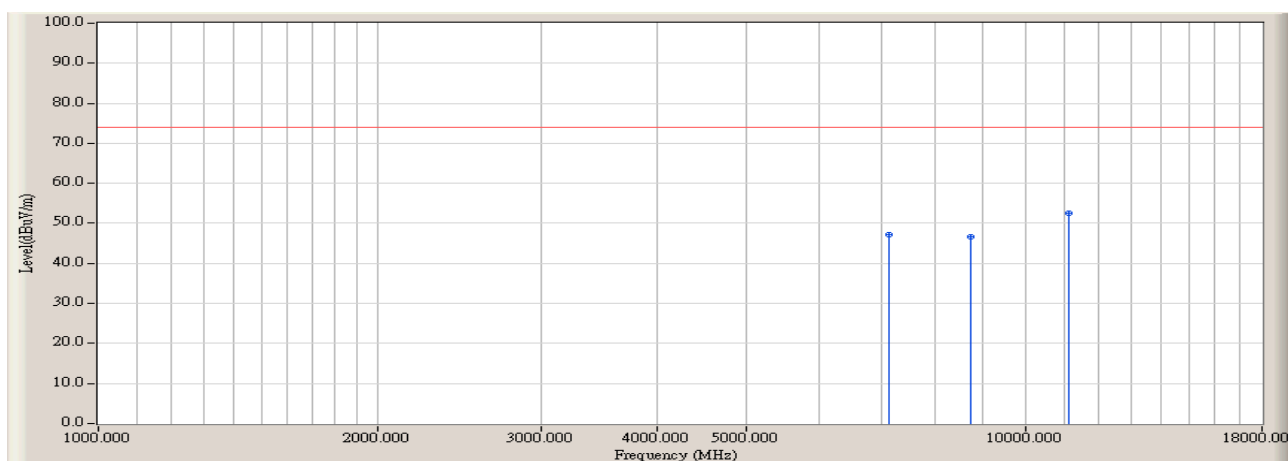


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7035.000	14.790	28.600	43.390	-10.580	53.970	AVERAGE
2		11058.333	20.170	27.900	48.070	-5.900	53.970	AVERAGE
3	*	13665.000	23.470	27.500	50.970	-3.000	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:31
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5785MHz) 23dBi

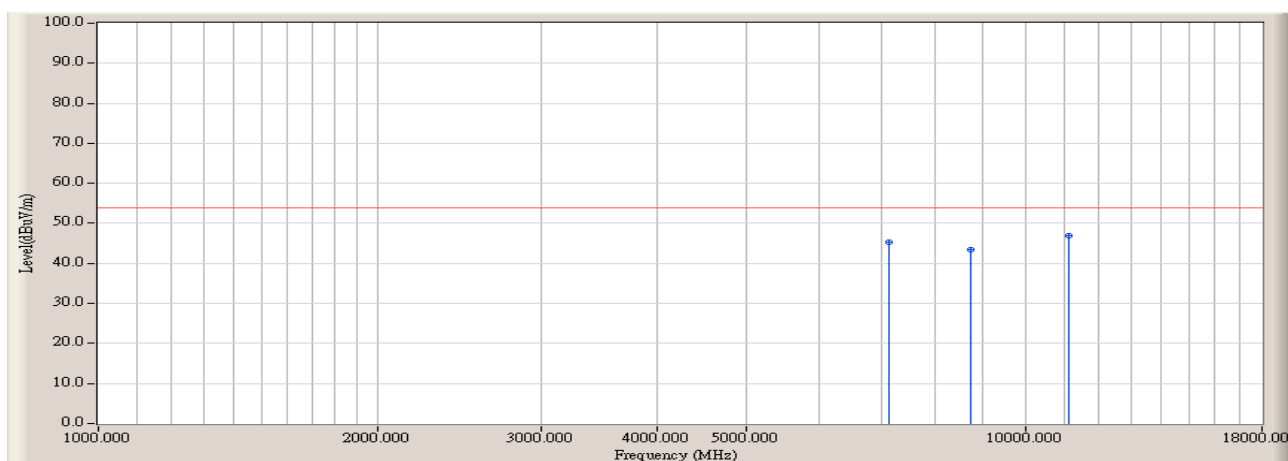


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7120.000	15.120	32.149	47.269	-26.701	73.970	PEAK
2		8735.000	15.400	31.222	46.622	-27.348	73.970	PEAK
3	*	11143.333	20.044	32.389	52.432	-21.538	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:31
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5785MHz) 23dBi

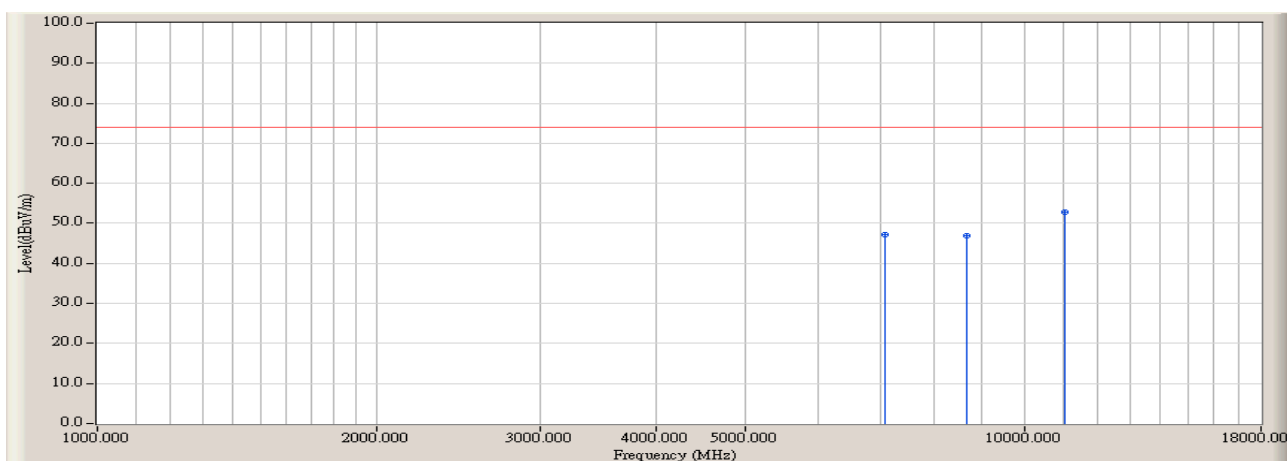


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7120.000	15.120	30.100	45.220	-8.750	53.970	AVERAGE
2		8735.000	15.400	27.900	43.300	-10.670	53.970	AVERAGE
3	*	11143.333	20.044	26.800	46.843	-7.127	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:34
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5825MHz) 23dBi

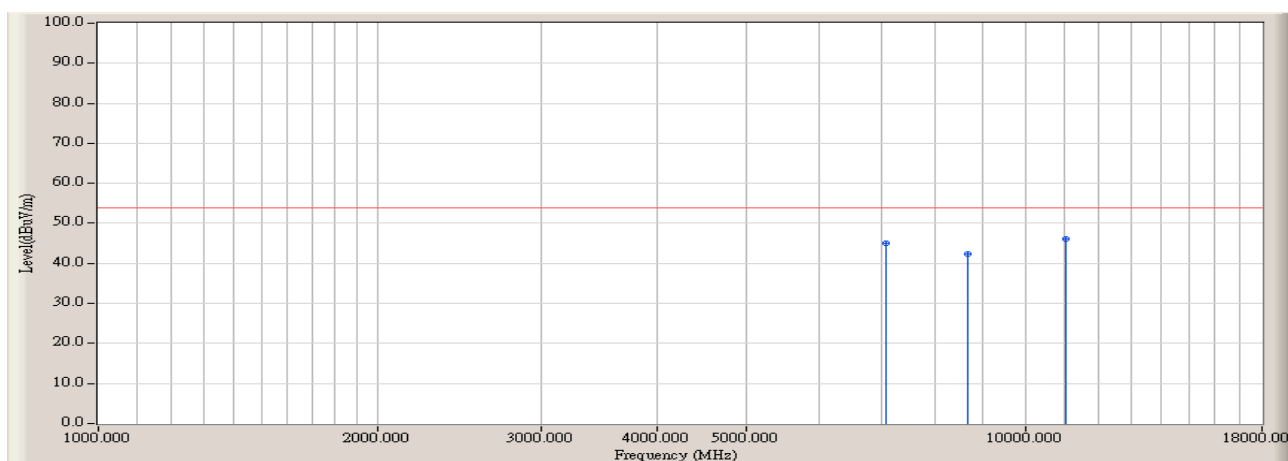


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7063.333	14.896	32.179	47.076	-26.894	73.970	PEAK
2		8678.333	15.223	31.683	46.906	-27.064	73.970	PEAK
3	*	11058.333	20.170	32.682	52.852	-21.118	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:34
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5825MHz) 23dBi

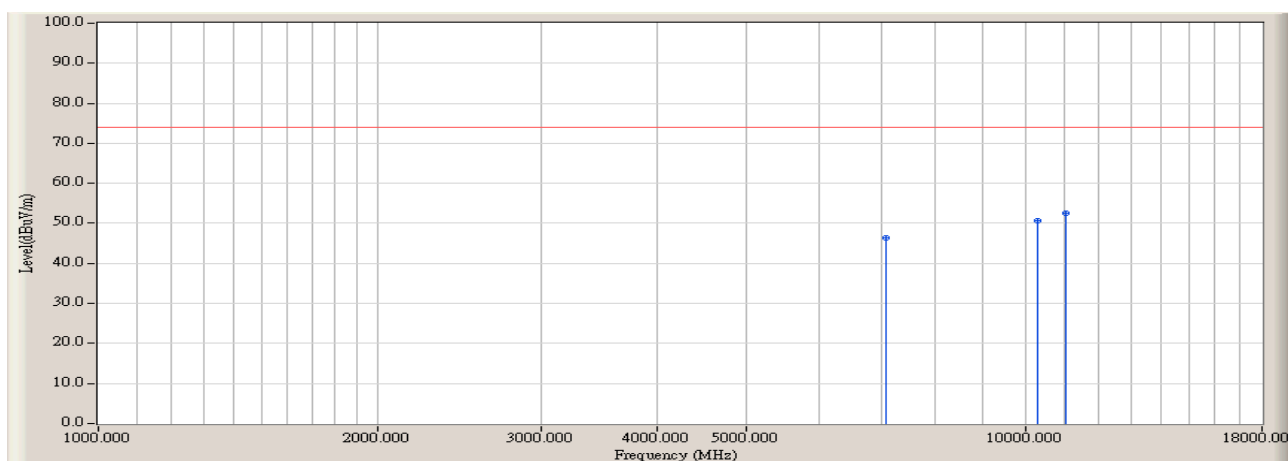


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7063.333	14.896	30.100	44.997	-8.973	53.970	AVERAGE
2		8678.333	15.223	27.200	42.423	-11.547	53.970	AVERAGE
3	*	11058.333	20.170	25.900	46.070	-7.900	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:36
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5825MHz) 23dBi

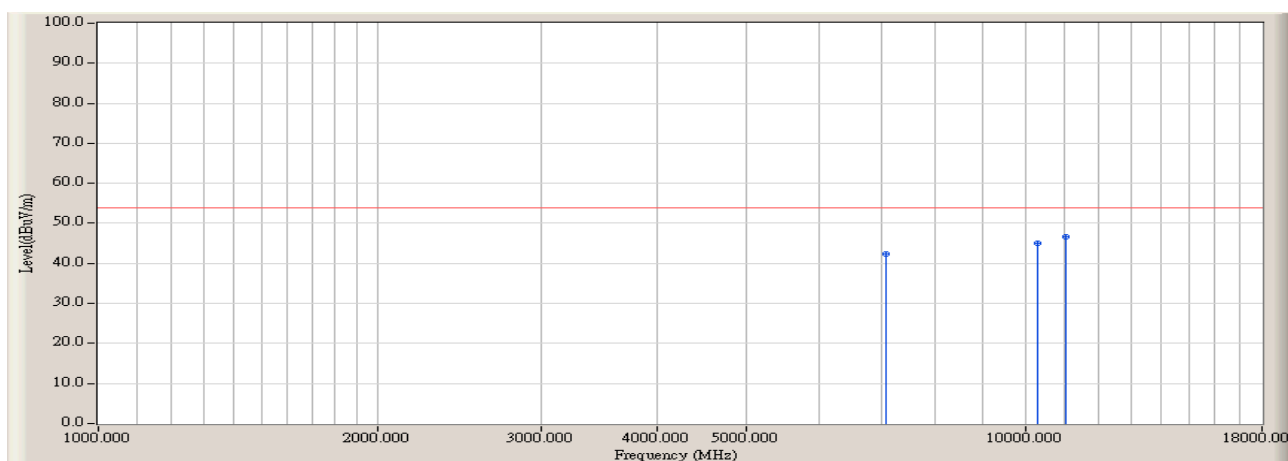


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7063.333	14.896	31.462	46.359	-27.611	73.970	PEAK
2		10293.333	18.653	31.940	50.593	-23.377	73.970	PEAK
3	*	11058.333	20.170	32.467	52.637	-21.333	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 15:36
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5825MHz) 23dBi

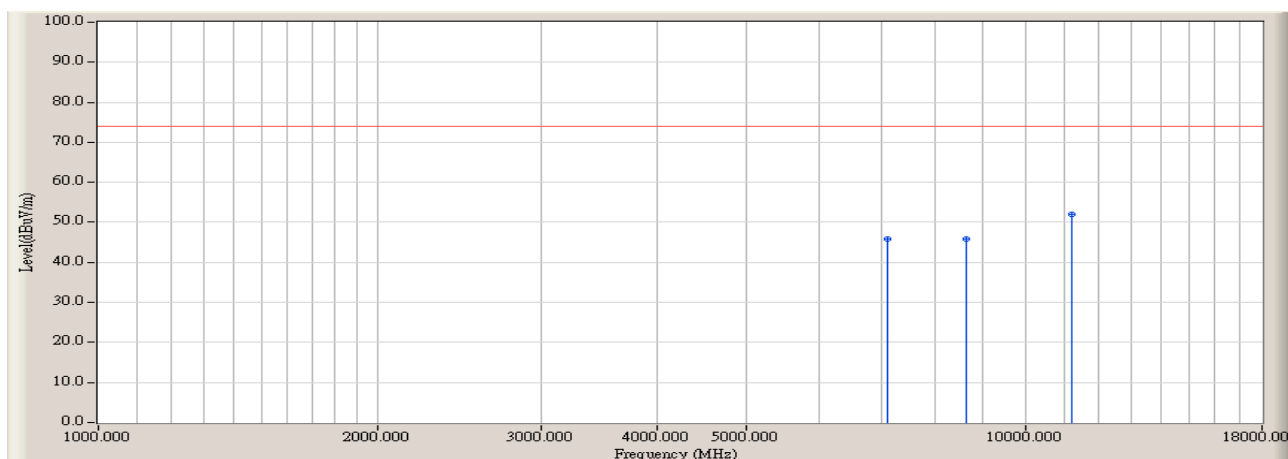


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7063.333	14.896	27.400	42.297	-11.673	53.970	AVERAGE
2		10293.333	18.653	26.500	45.153	-8.817	53.970	AVERAGE
3	*	11058.333	20.170	26.400	46.570	-7.400	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:14
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5745MHz) 7dBi

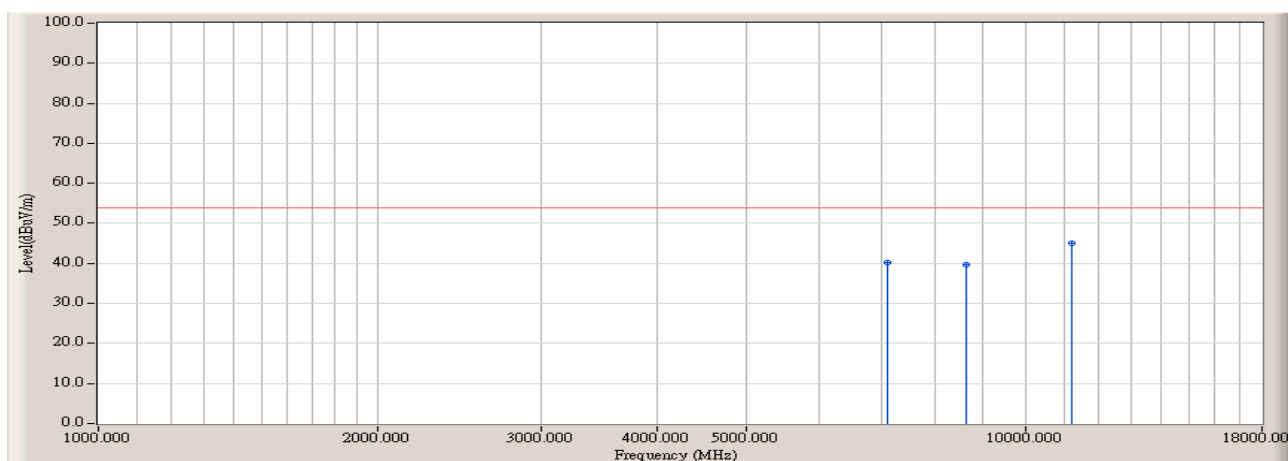


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7091.667	15.014	30.776	45.789	-28.181	73.970	PEAK
2		8650.000	15.140	30.612	45.752	-28.218	73.970	PEAK
3	*	11228.333	19.920	32.054	51.974	-21.996	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:15
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5745MHz) 7dBi

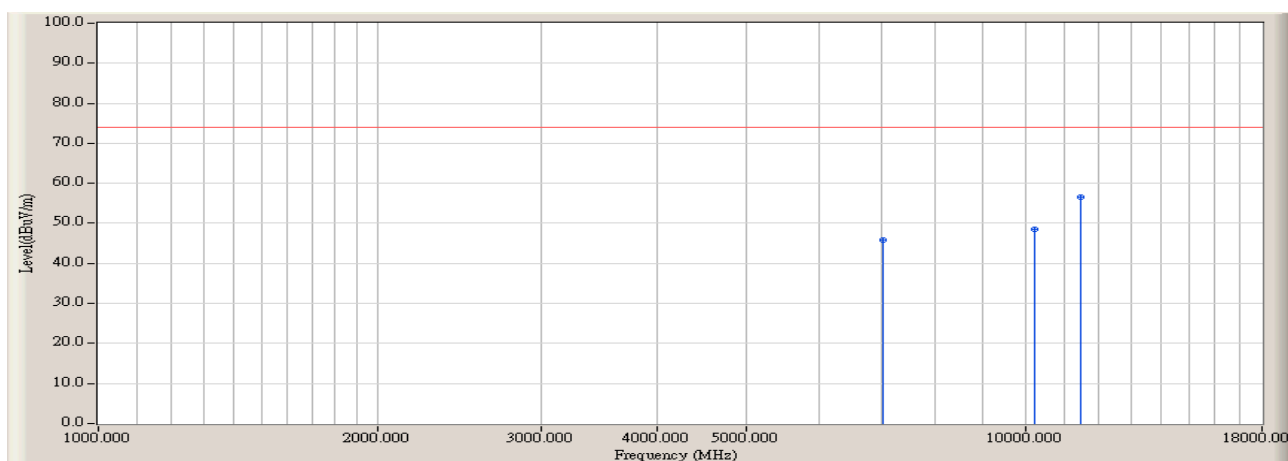


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7091.667	15.014	25.200	40.213	-13.757	53.970	AVERAGE
2		8650.000	15.140	24.500	39.640	-14.330	53.970	AVERAGE
3	*	11228.333	19.920	25.100	45.020	-8.950	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:17
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5745MHz) 7dBi

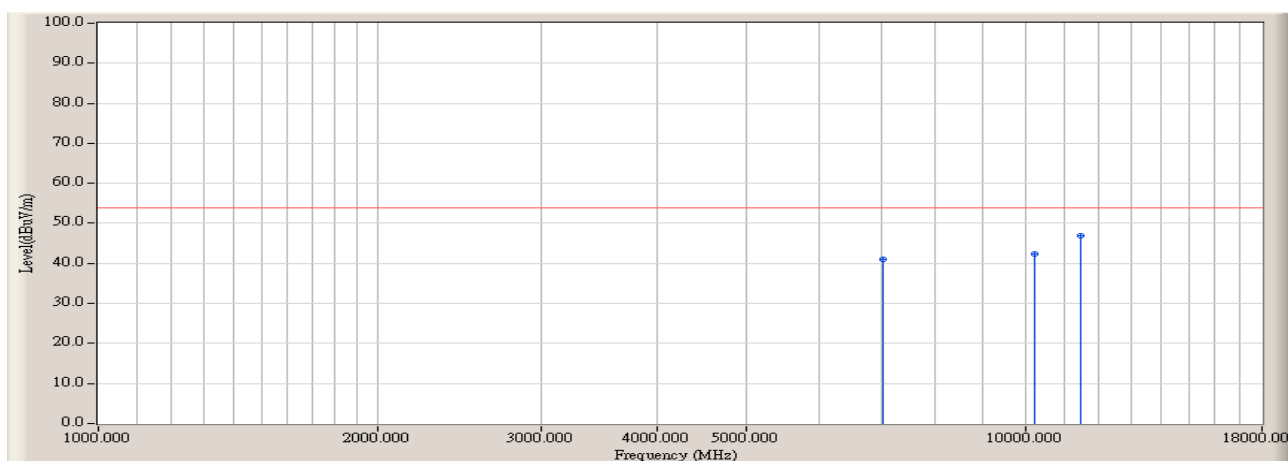


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7035.000	14.790	31.027	45.817	-28.153	73.970	PEAK
2		10236.667	18.567	30.017	48.584	-25.386	73.970	PEAK
3	*	11483.333	19.560	36.937	56.497	-17.473	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:17
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5745MHz) 7dBi

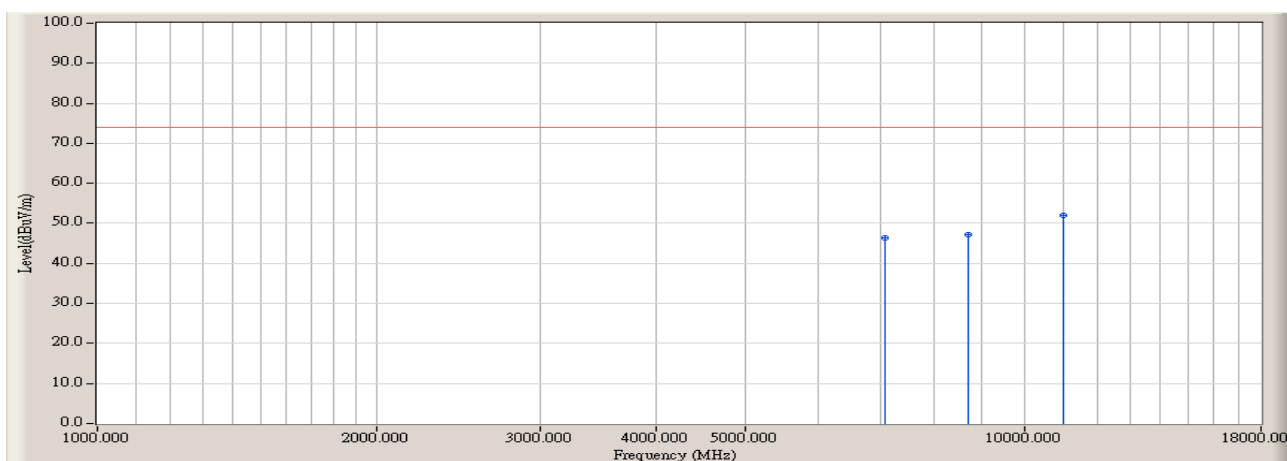


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7035.000	14.790	26.200	40.990	-12.980	53.970	AVERAGE
2		10236.667	18.567	23.800	42.367	-11.603	53.970	AVERAGE
3	*	11483.333	19.560	27.400	46.960	-7.010	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:19
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5785MHz) 7dBi

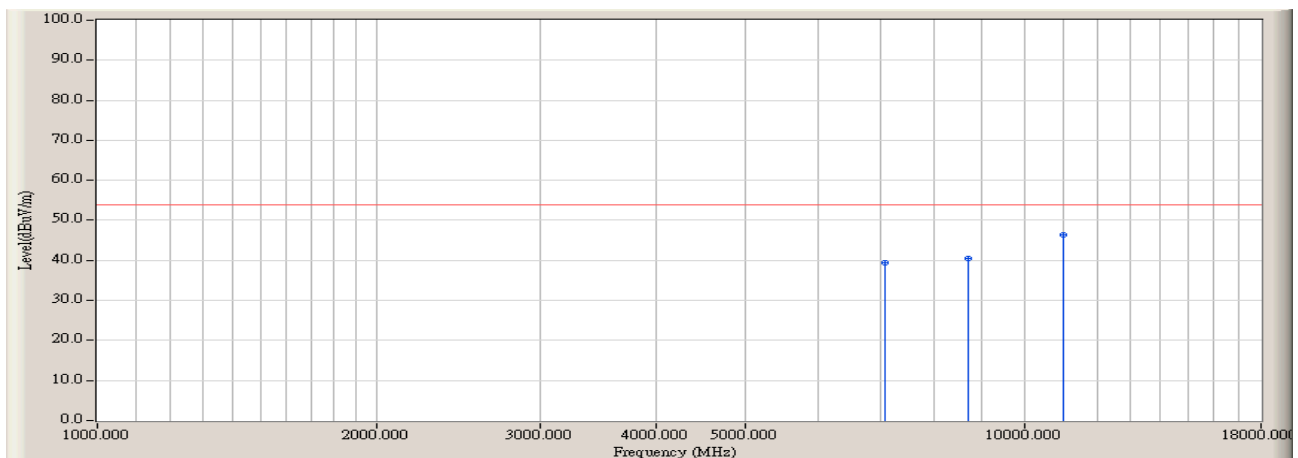


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7063.333	14.896	31.448	46.345	-27.625	73.970	PEAK
2		8706.667	15.307	31.764	47.071	-26.899	73.970	PEAK
3	*	11030.000	20.200	31.707	51.907	-22.063	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:19
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5785MHz) 7dBi

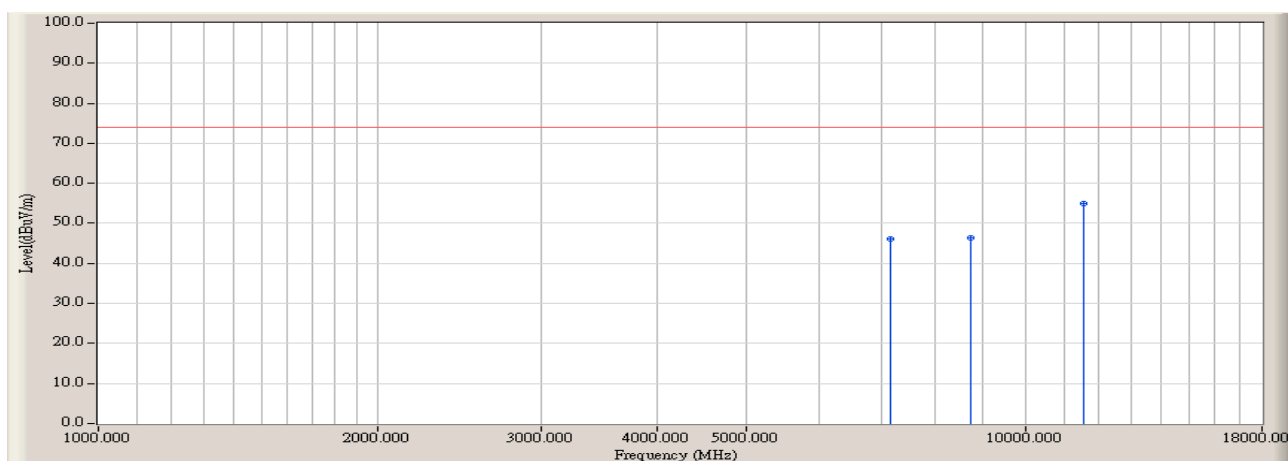


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7063.333	14.896	24.600	39.497	-14.473	53.970	AVERAGE
2		8706.667	15.307	25.100	40.407	-13.563	53.970	AVERAGE
3	*	11030.000	20.200	26.100	46.300	-7.670	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:20
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5785MHz) 7dBi

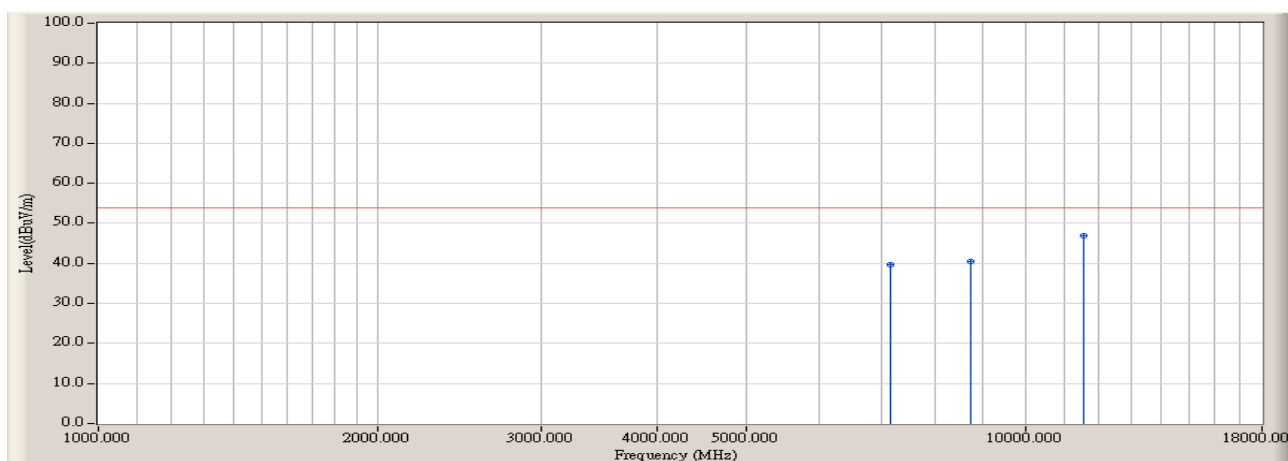


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7148.333	15.236	30.817	46.054	-27.916	73.970	PEAK
2		8735.000	15.400	30.919	46.319	-27.651	73.970	PEAK
3	*	11568.333	19.431	35.619	55.049	-18.921	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:20
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5785MHz) 7dBi

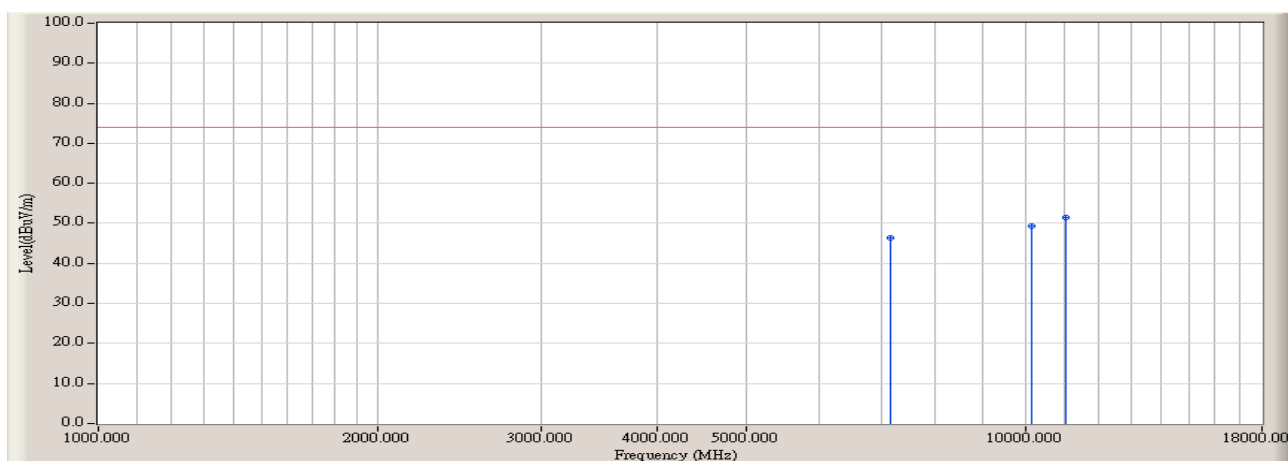


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7148.333	15.236	24.500	39.737	-14.233	53.970	AVERAGE
2		8735.000	15.400	25.100	40.500	-13.470	53.970	AVERAGE
3	*	11568.333	19.431	27.400	46.830	-7.140	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5825MHz) 7dBi

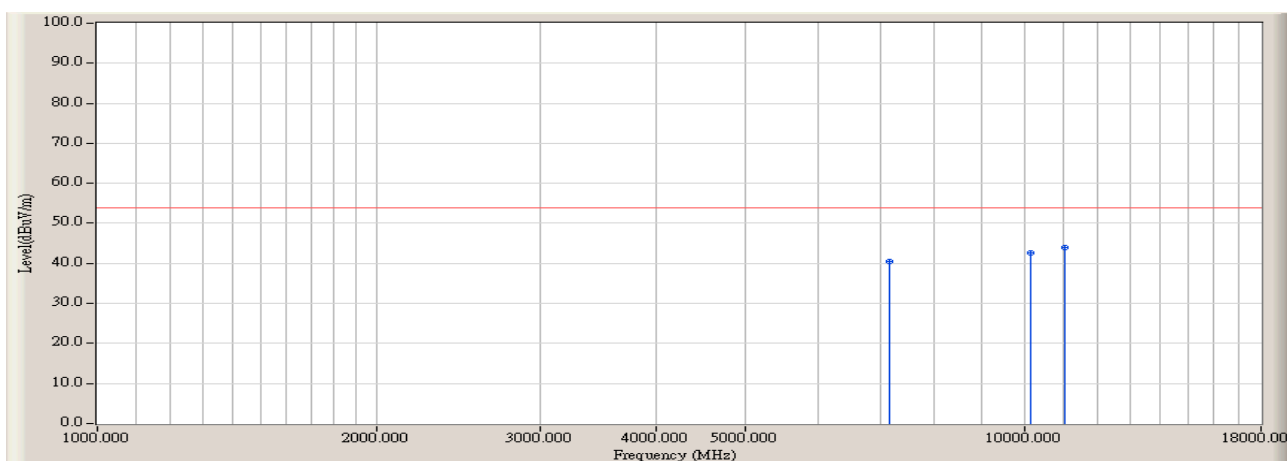


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7148.333	15.236	31.166	46.403	-27.567	73.970	PEAK
2		10151.667	18.417	30.942	49.359	-24.611	73.970	PEAK
3	*	11058.333	20.170	31.239	51.409	-22.561	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:22
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5825MHz) 7dBi

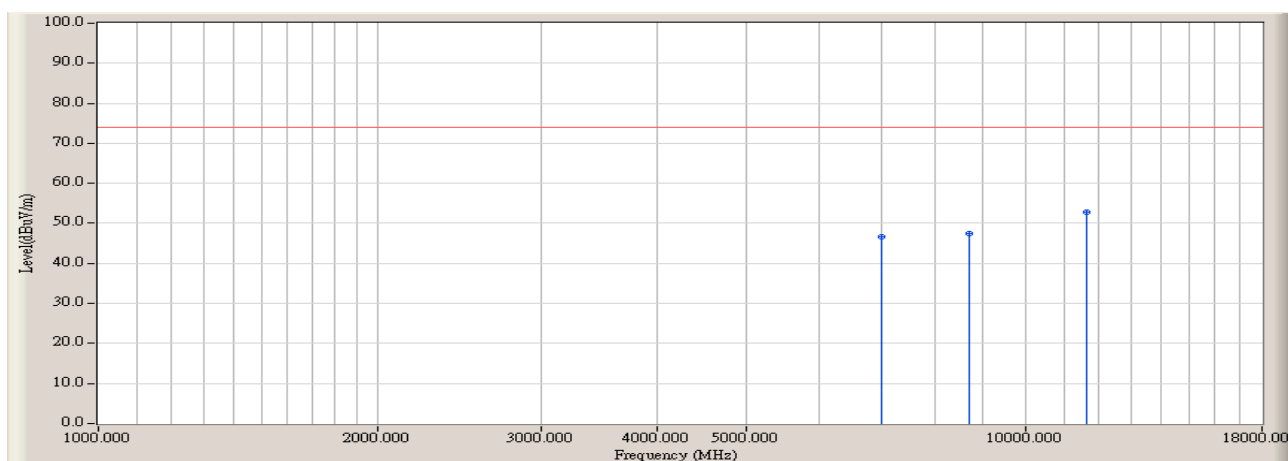


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7148.333	15.236	25.200	40.437	-13.533	53.970	AVERAGE
2		10151.667	18.417	24.300	42.717	-11.253	53.970	AVERAGE
3	*	11058.333	20.170	23.900	44.070	-9.900	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:24
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5825MHz) 7dBi

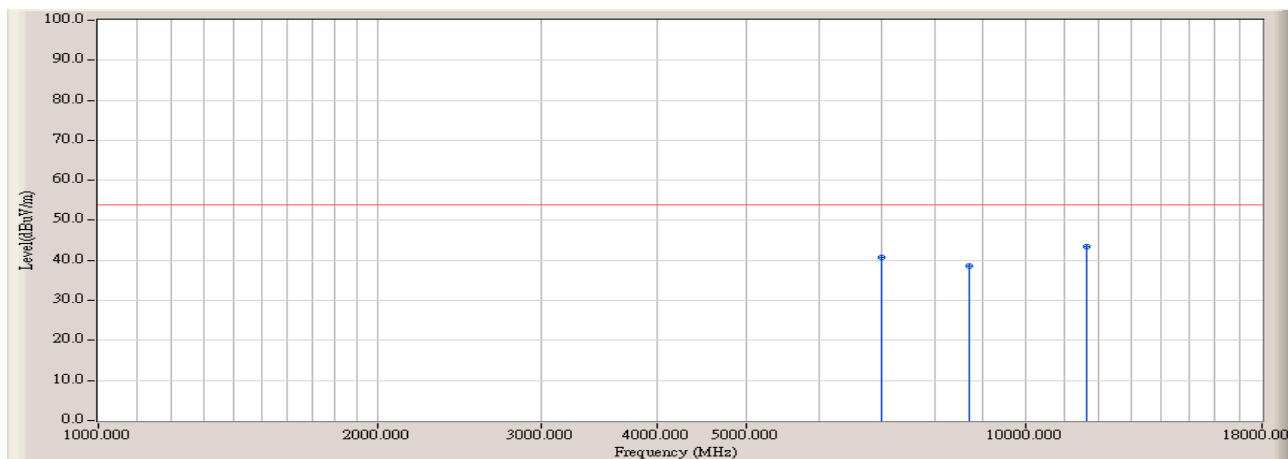


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7006.667	14.674	32.086	46.759	-27.211	73.970	PEAK
2		8706.667	15.307	32.188	47.495	-26.475	73.970	PEAK
3	*	11653.333	19.321	33.621	52.941	-21.029	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/06/22 - 16:24
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9120D_(1G-18G) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5825MHz) 7dBi

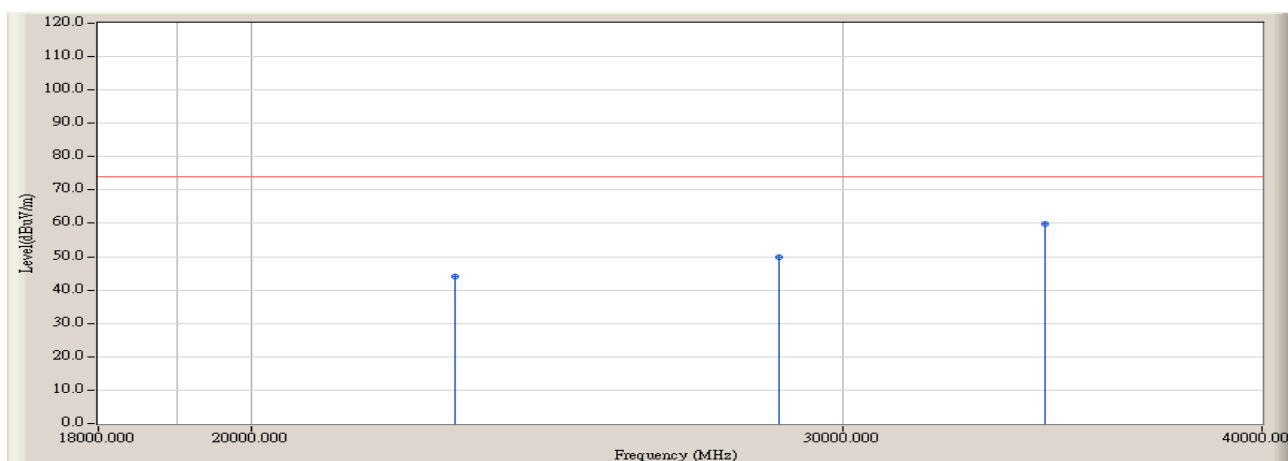


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		7006.667	14.674	26.200	40.873	-13.097	53.970	AVERAGE
2		8706.667	15.307	23.200	38.507	-15.463	53.970	AVERAGE
3	*	11653.333	19.321	24.100	43.420	-10.550	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:00
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5745MHz) 23dBi

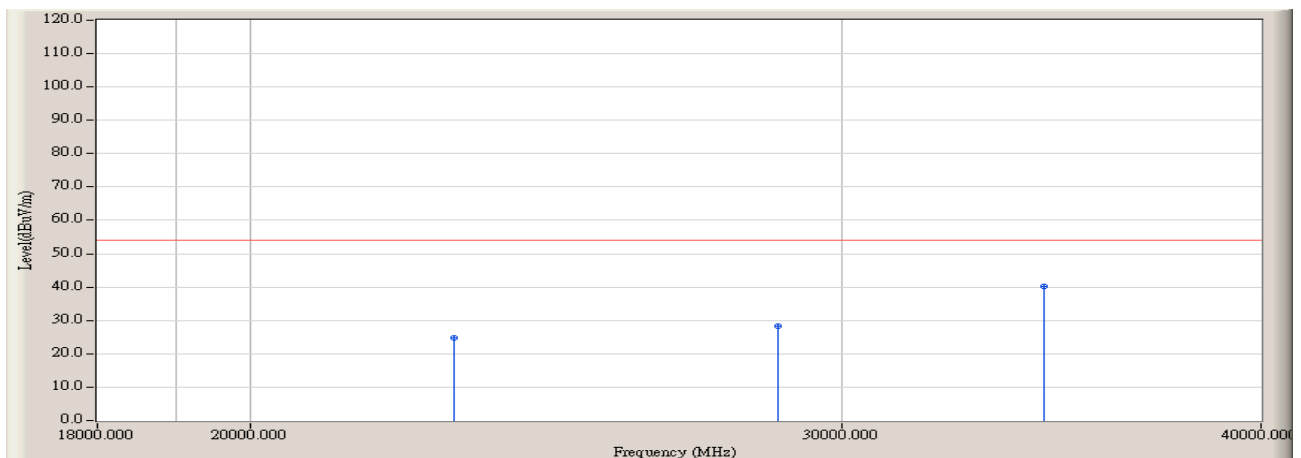


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		22983.000	20.855	23.234	44.089	-29.881	73.970	PEAK
2		28721.000	24.676	25.063	49.739	-24.231	73.970	PEAK
3	*	34472.000	30.961	28.932	59.894	-14.076	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:01
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5745MHz) 23dBi

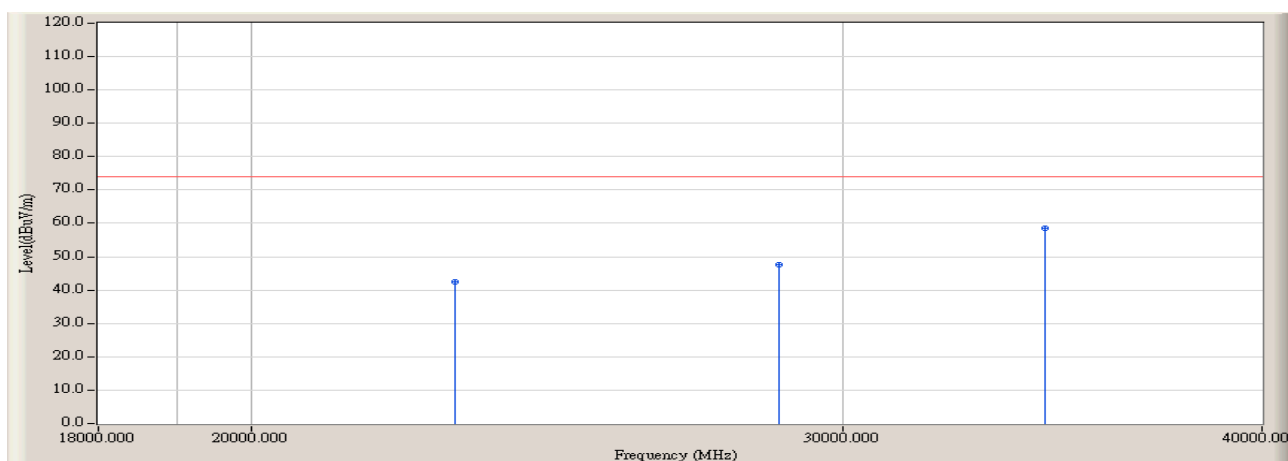


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		22983.000	20.855	4.013	24.868	-29.102	53.970	AVERAGE
2		28721.000	24.676	3.782	28.458	-25.512	53.970	AVERAGE
3	*	34472.000	30.961	9.329	40.291	-13.679	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:04
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5745MHz) 23dBi

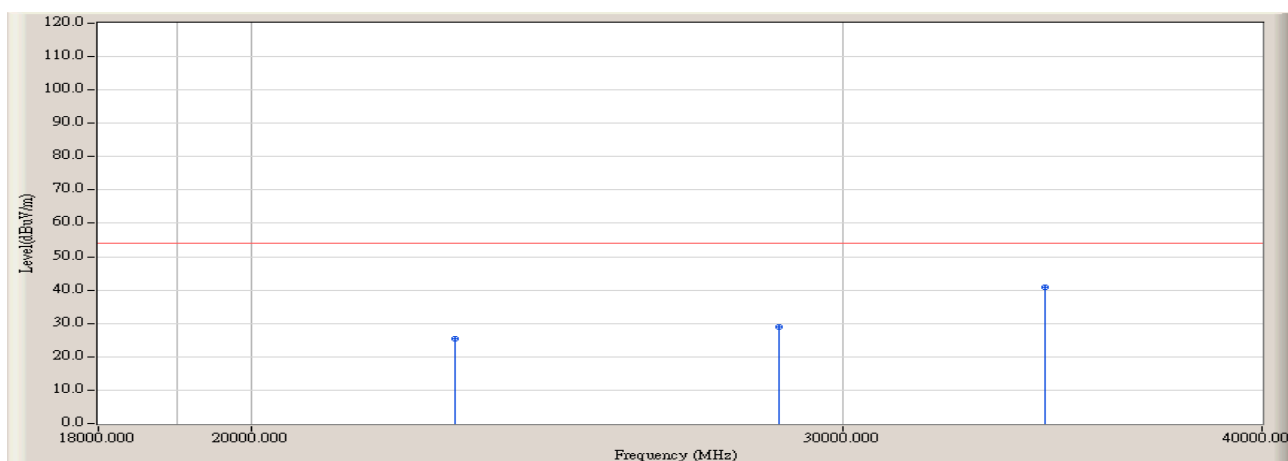


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		22982.000	20.853	21.665	42.518	-31.452	73.970	PEAK
2		28722.000	24.677	23.014	47.691	-26.279	73.970	PEAK
3	*	34471.000	30.961	27.706	58.666	-15.304	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:04
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5745MHz) 23dBi

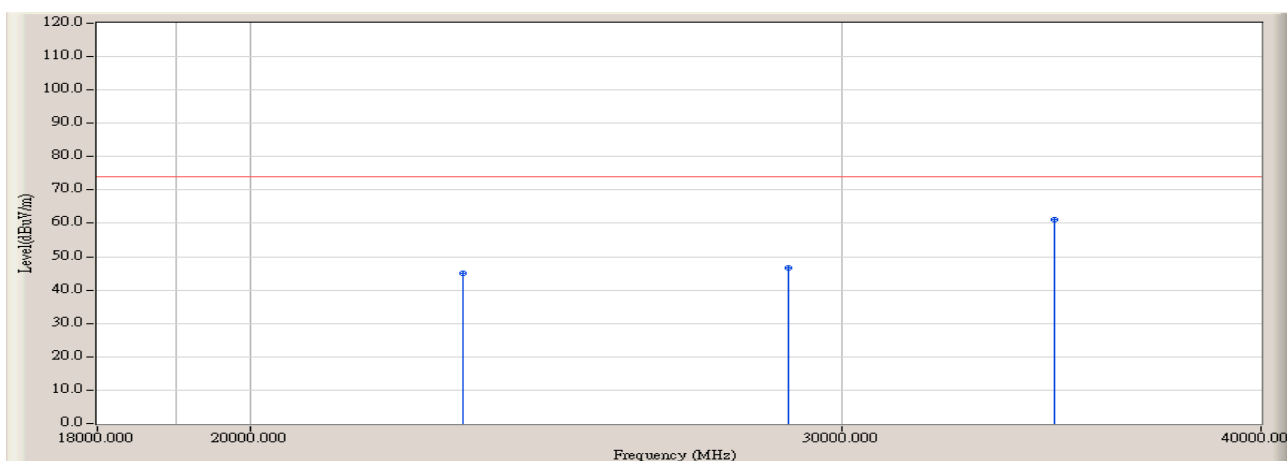


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		22982.000	20.853	4.717	25.570	-28.400	53.970	AVERAGE
2		28722.000	24.677	4.376	29.053	-24.917	53.970	AVERAGE
3	*	34471.000	30.961	9.853	40.813	-13.157	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:32
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5785MHz) 23dBi

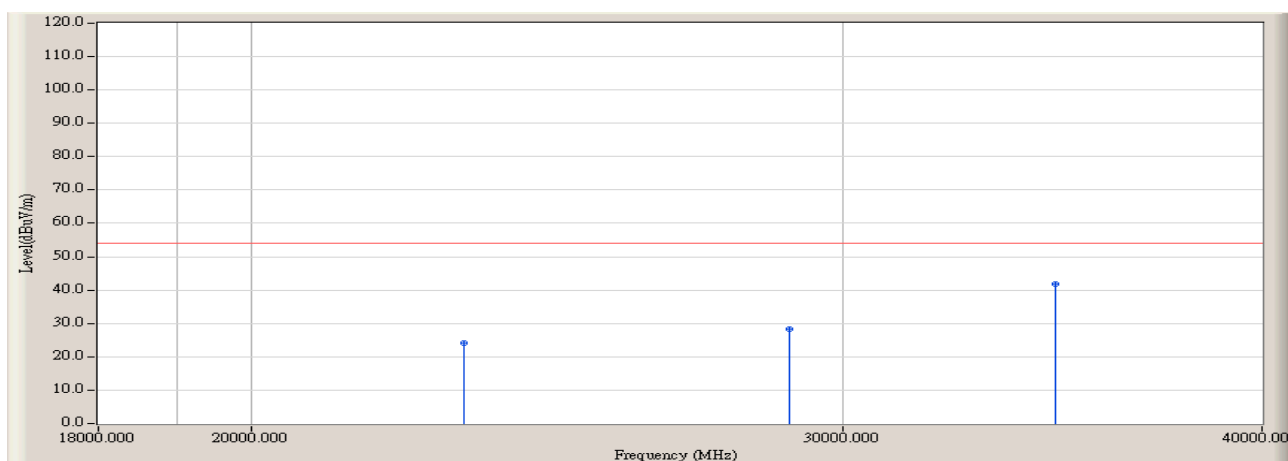


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		23142.000	21.005	24.067	45.072	-28.898	73.970	PEAK
2		28924.000	24.841	21.768	46.609	-27.361	73.970	PEAK
3	*	34713.000	31.261	29.989	61.249	-12.721	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:33
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5785MHz) 23dBi

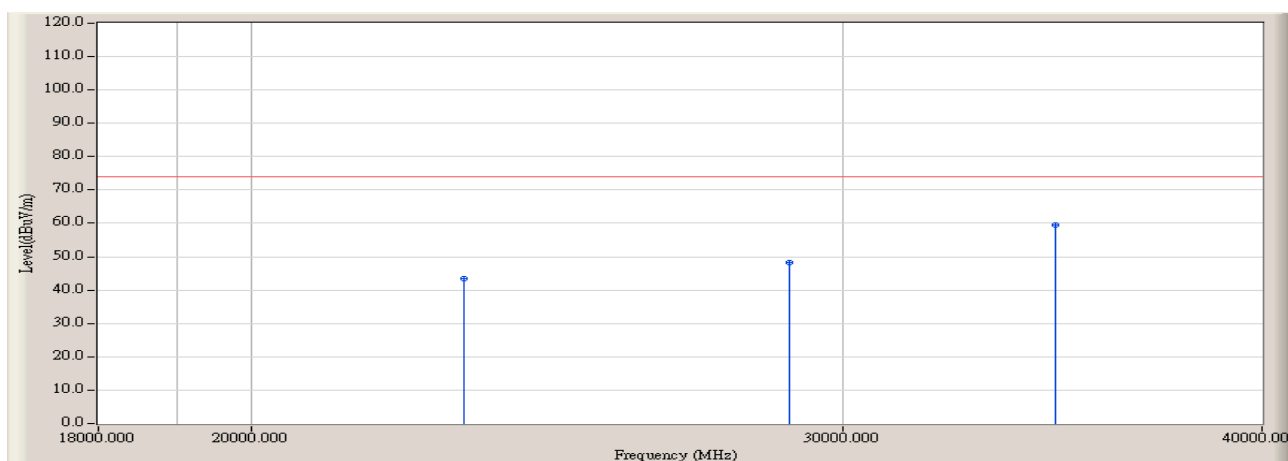


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		23142.000	21.005	3.140	24.145	-29.825	53.970	AVERAGE
2		28924.000	24.841	3.384	28.225	-25.745	53.970	AVERAGE
3	*	34713.000	31.261	10.404	41.664	-12.306	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:34
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5785MHz) 23dBi

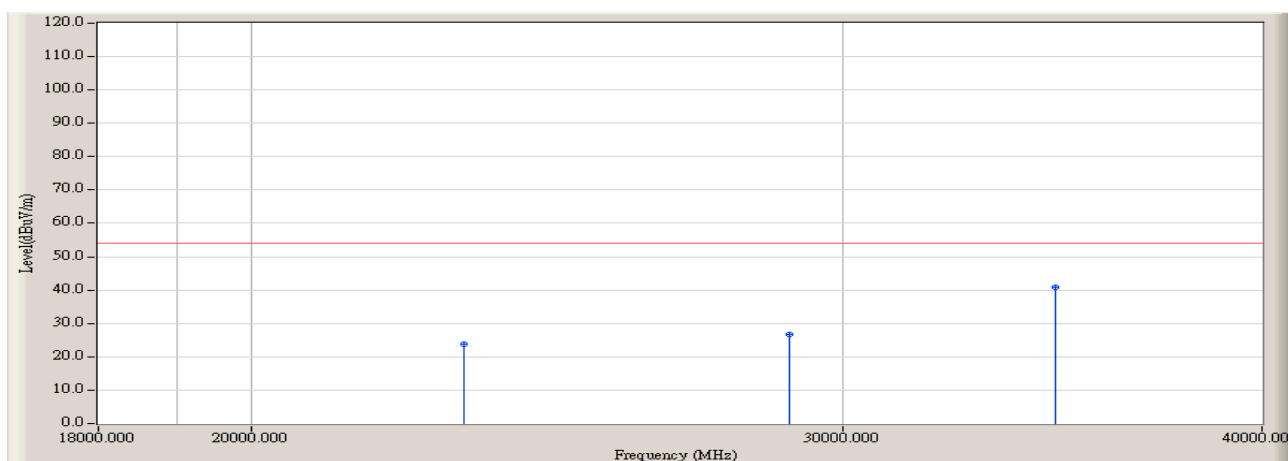


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		23140.000	21.003	22.540	43.543	-30.427	73.970	PEAK
2		28925.000	24.842	23.314	48.156	-25.814	73.970	PEAK
3	*	34712.000	31.259	28.314	59.573	-14.397	73.970	PEAK

Note:

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

Engineer : Marlin	
Site : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:34
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5785MHz) 23dBi

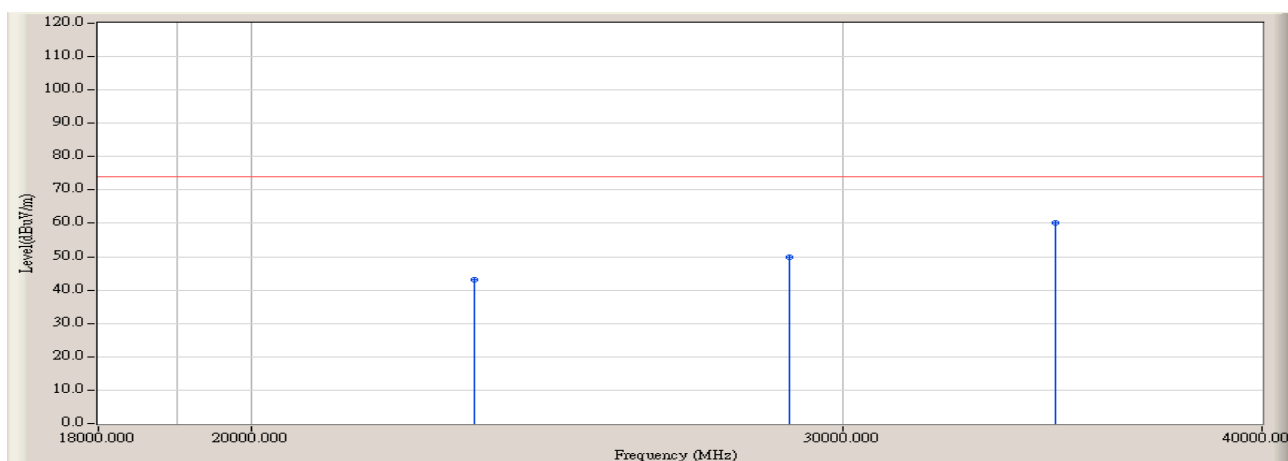


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		23140.000	21.003	2.698	23.701	-30.269	53.970	AVERAGE
2		28925.000	24.842	1.850	26.692	-27.278	53.970	AVERAGE
3	*	34712.000	31.259	9.639	40.898	-13.072	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:37
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5825MHz) 23dBi

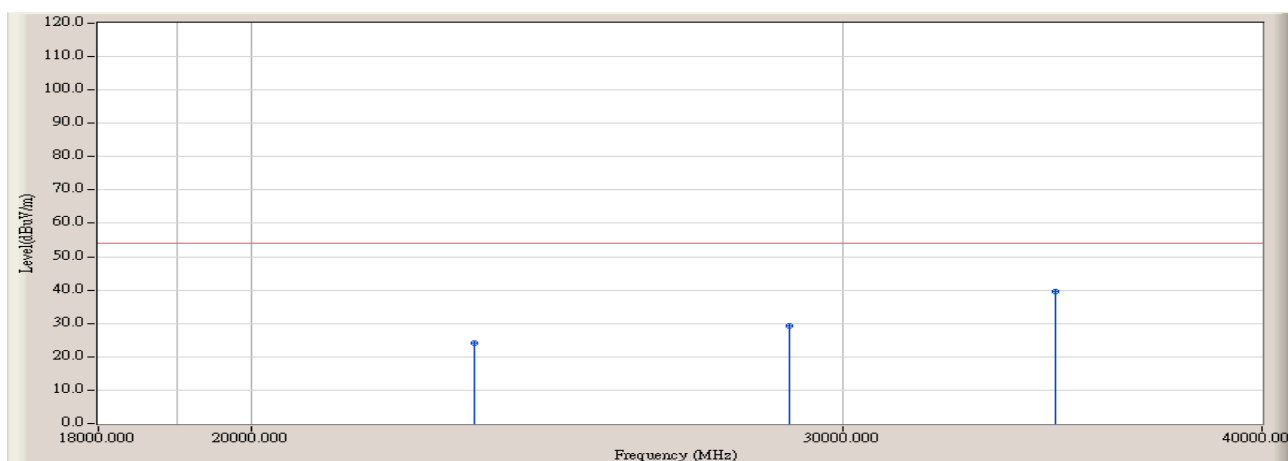


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		23300.000	21.109	22.023	43.132	-30.838	73.970	PEAK
2		28925.000	24.842	24.928	49.770	-24.200	73.970	PEAK
3	*	34712.000	31.259	28.905	60.164	-13.806	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:37
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5825MHz) 23dBi

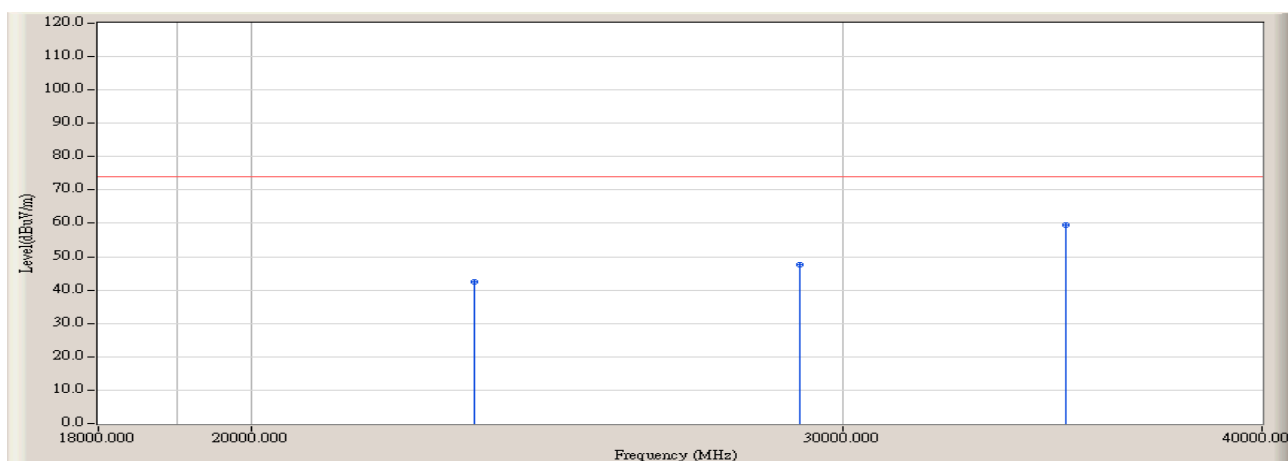


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		23300.000	21.109	2.913	24.022	-29.948	53.970	AVERAGE
2		28925.000	24.842	4.458	29.300	-24.670	53.970	AVERAGE
3	*	34712.000	31.259	8.292	39.551	-14.419	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:38
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5825MHz) 23dBi

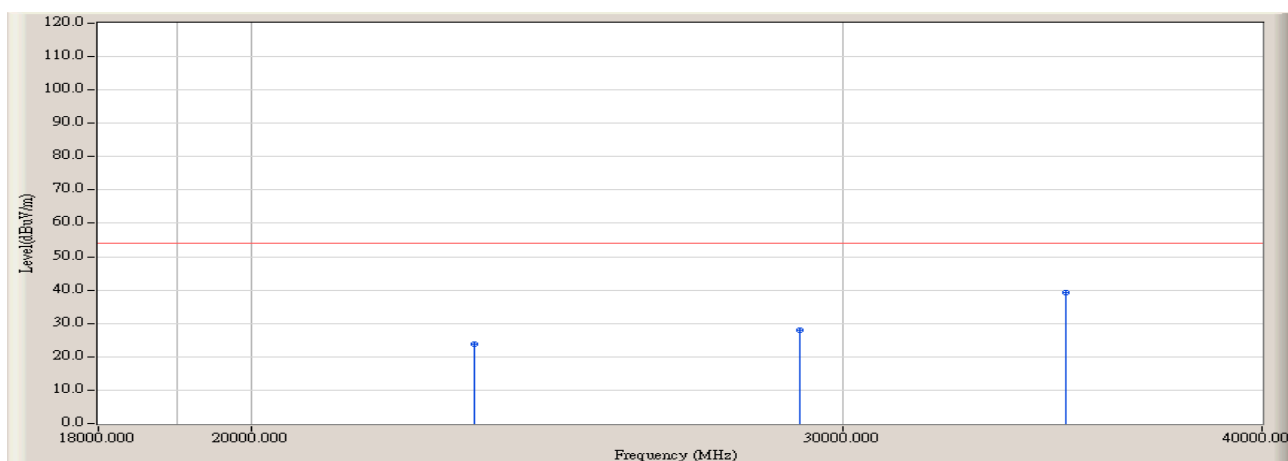


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		23300.000	21.109	21.340	42.449	-31.521	73.970	PEAK
2		29123.000	25.012	22.449	47.461	-26.509	73.970	PEAK
3	*	34951.000	31.540	28.044	59.584	-14.386	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:39
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5825MHz) 23dBi

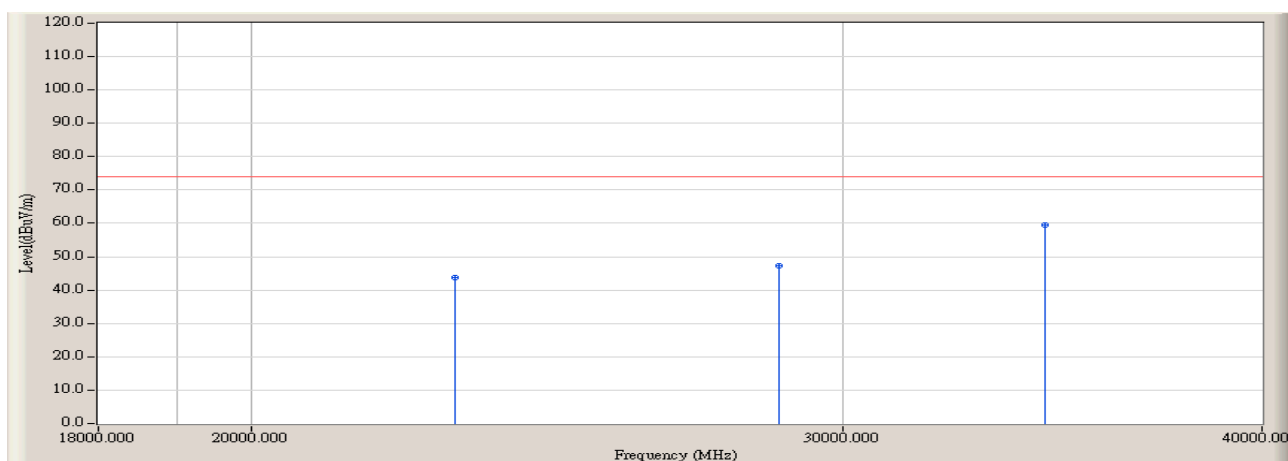


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		23300.000	21.109	2.645	23.754	-30.216	53.970	AVERAGE
2		29123.000	25.012	2.993	28.005	-25.965	53.970	AVERAGE
3	*	34952.000	31.541	7.568	39.109	-14.861	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:43
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5745MHz) 7dBi

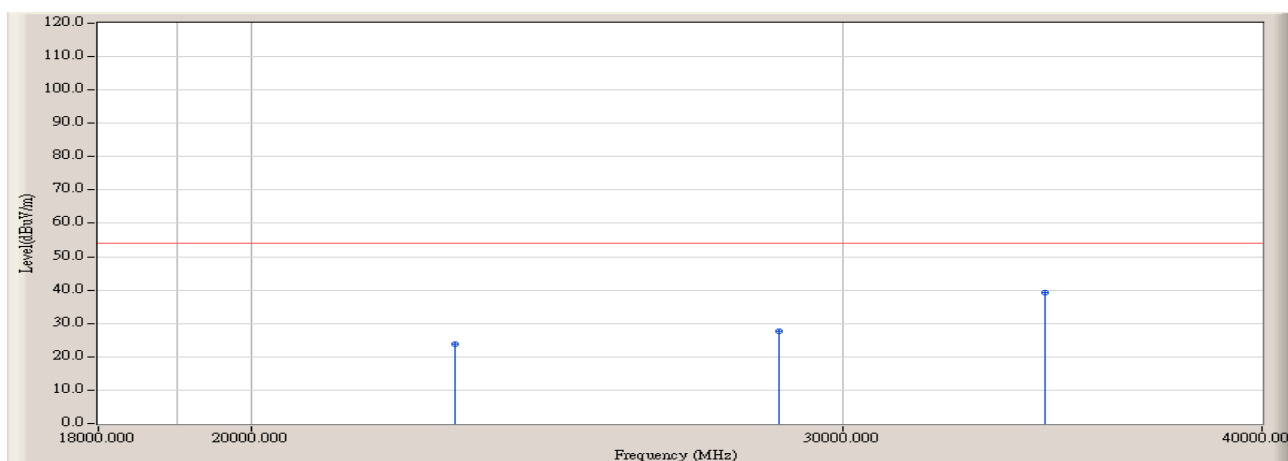


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		22982.000	20.853	22.870	43.723	-30.247	73.970	PEAK
2		28722.000	24.677	22.595	47.272	-26.698	73.970	PEAK
3	*	34471.000	30.961	28.461	59.421	-14.549	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:44
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5745MHz) 7dBi

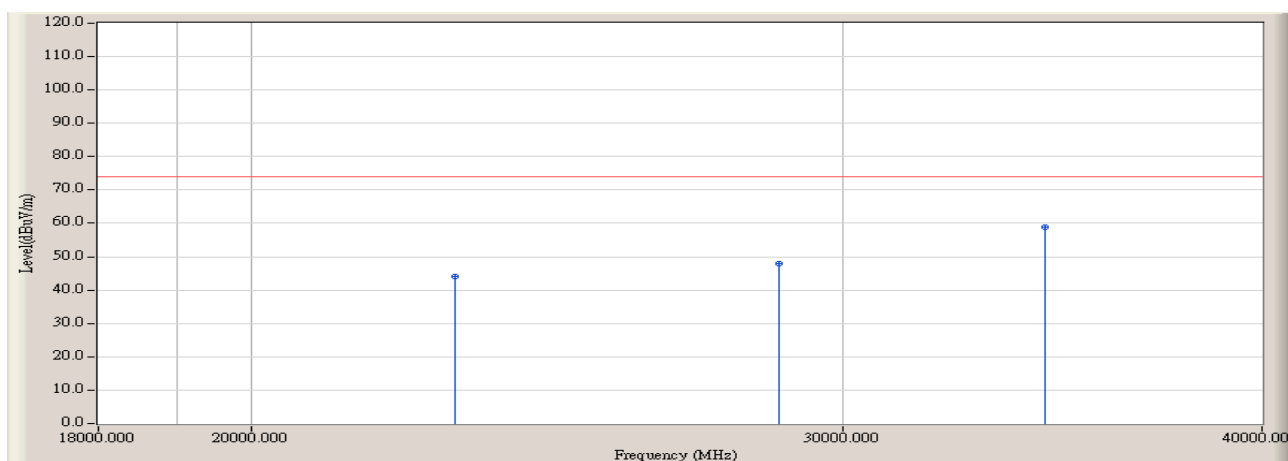


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		22982.000	20.853	2.997	23.850	-30.120	53.970	AVERAGE
2		28722.000	24.677	2.834	27.511	-26.459	53.970	AVERAGE
3	*	34471.000	30.961	8.290	39.250	-14.720	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:45
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5745MHz) 7dBi

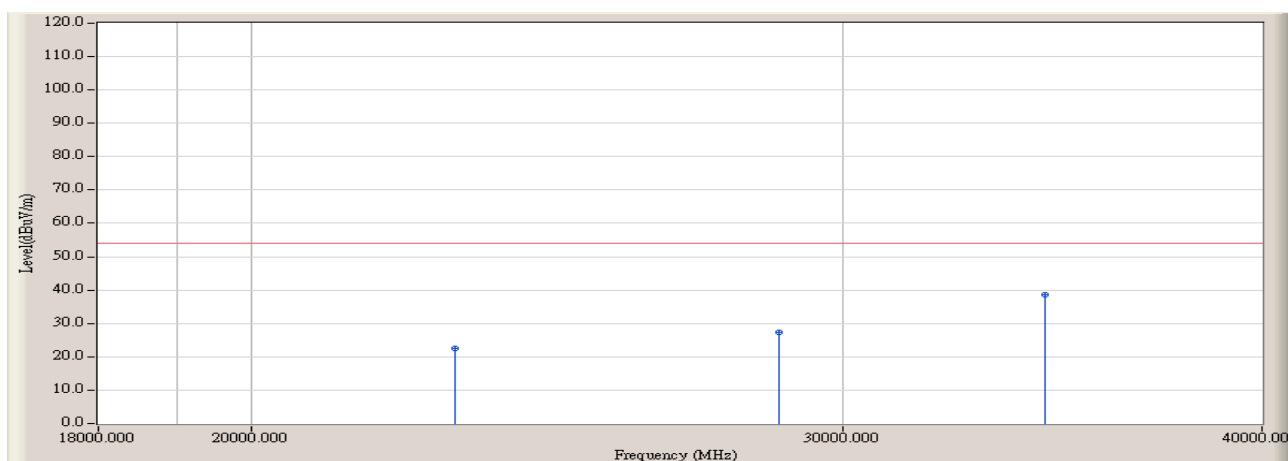


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		22983.000	20.855	23.350	44.205	-29.765	73.970	PEAK
2		28720.000	24.675	23.343	48.018	-25.952	73.970	PEAK
3	*	34470.000	30.958	27.956	58.915	-15.055	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:46
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5745MHz) 7dBi

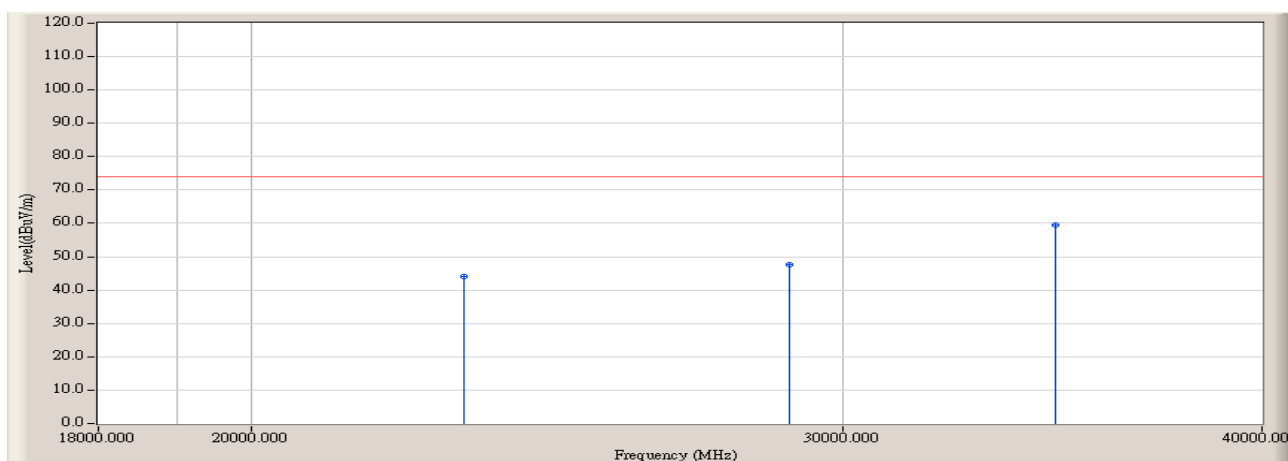


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		22983.000	20.855	1.784	22.639	-31.331	53.970	AVERAGE
2		28720.000	24.675	2.580	27.255	-26.715	53.970	AVERAGE
3	*	34470.000	30.958	7.521	38.480	-15.490	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:48
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5785MHz) 7dBi

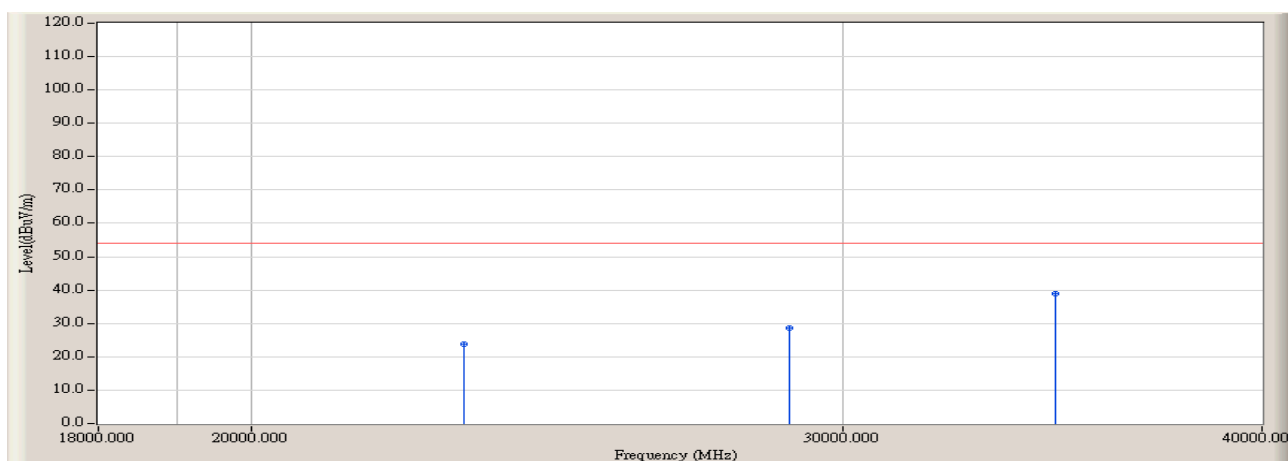


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		23140.000	21.003	22.954	43.957	-30.013	73.970	PEAK
2		28925.000	24.842	22.871	47.713	-26.257	73.970	PEAK
3	*	34712.000	31.259	28.107	59.366	-14.604	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:49
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5785MHz) 7dBi

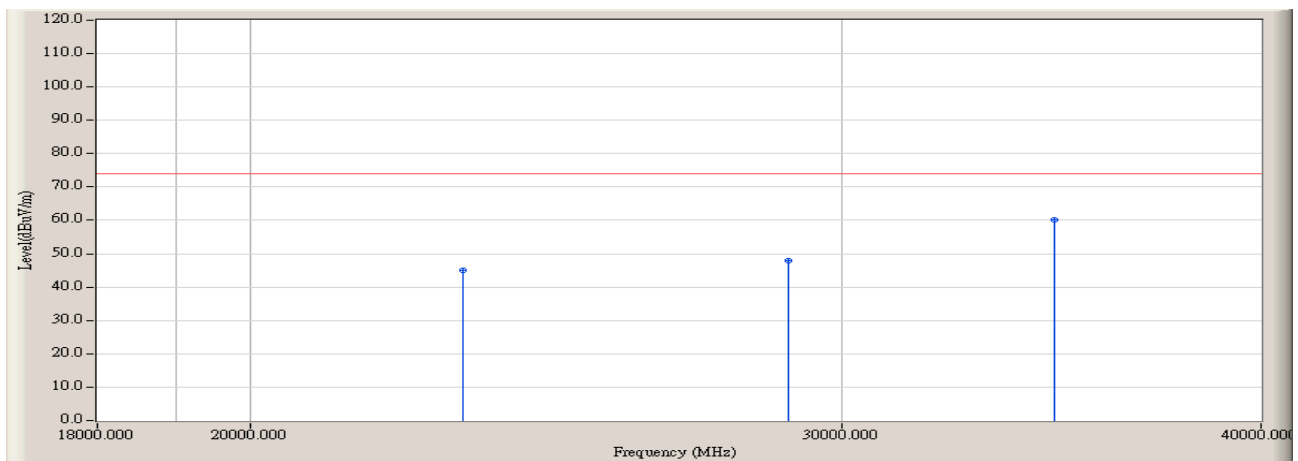


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		23140.000	21.003	2.790	23.793	-30.177	53.970	AVERAGE
2		28925.000	24.842	3.772	28.614	-25.356	53.970	AVERAGE
3	*	34712.000	31.259	7.639	38.898	-15.072	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:53
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5785MHz) 7dBi

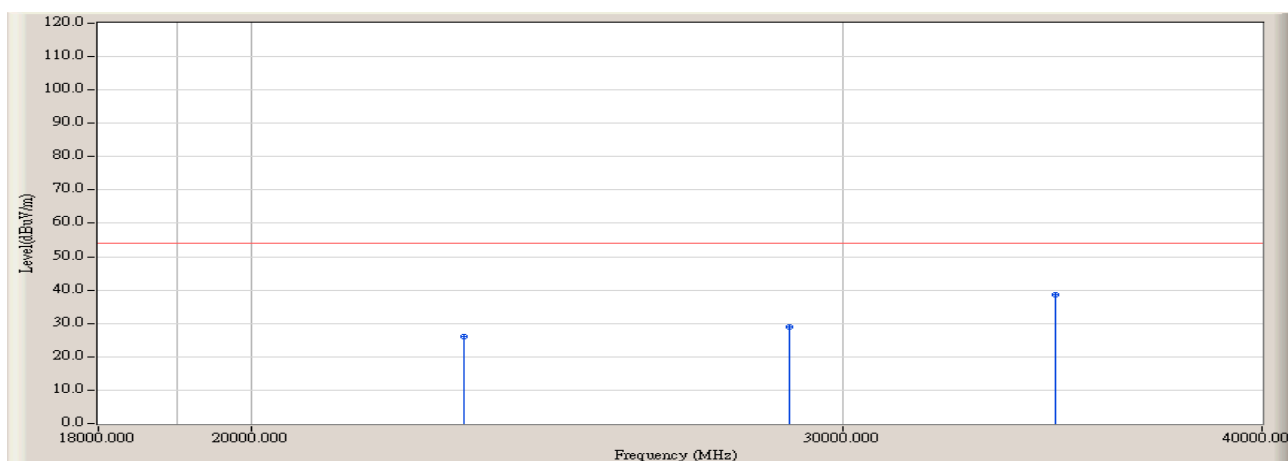


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		23140.000	21.003	24.100	45.103	-28.867	73.970	PEAK
2		28925.000	24.842	23.162	48.004	-25.966	73.970	PEAK
3	*	34712.000	31.259	28.770	60.029	-13.941	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:54
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5785MHz) 7dBi

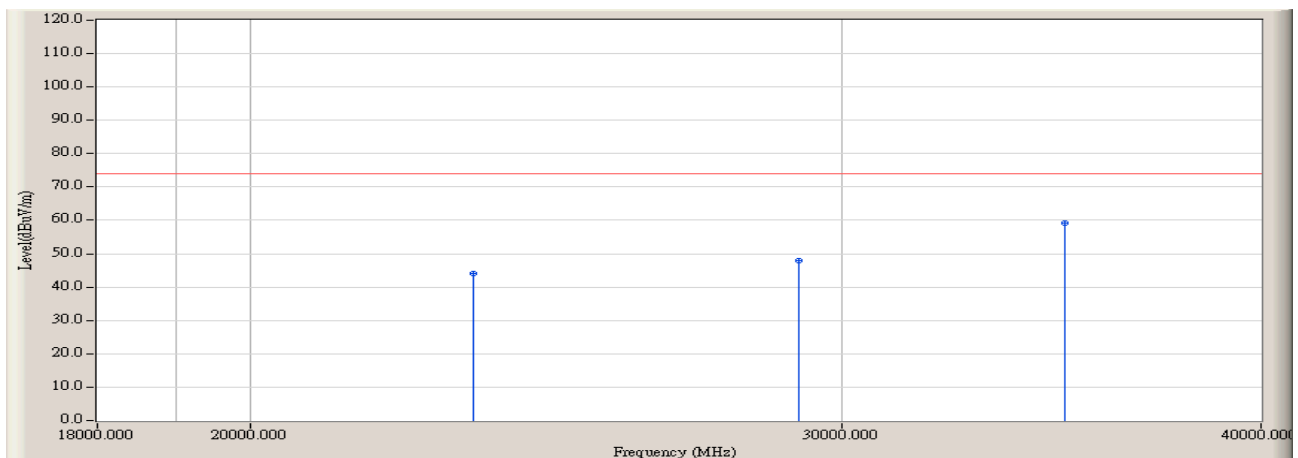


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		23140.000	21.003	4.914	25.917	-28.053	53.970	AVERAGE
2		28925.000	24.842	4.008	28.850	-25.120	53.970	AVERAGE
3	*	34712.000	31.259	7.361	38.620	-15.350	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:55
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5825MHz) 7dBi

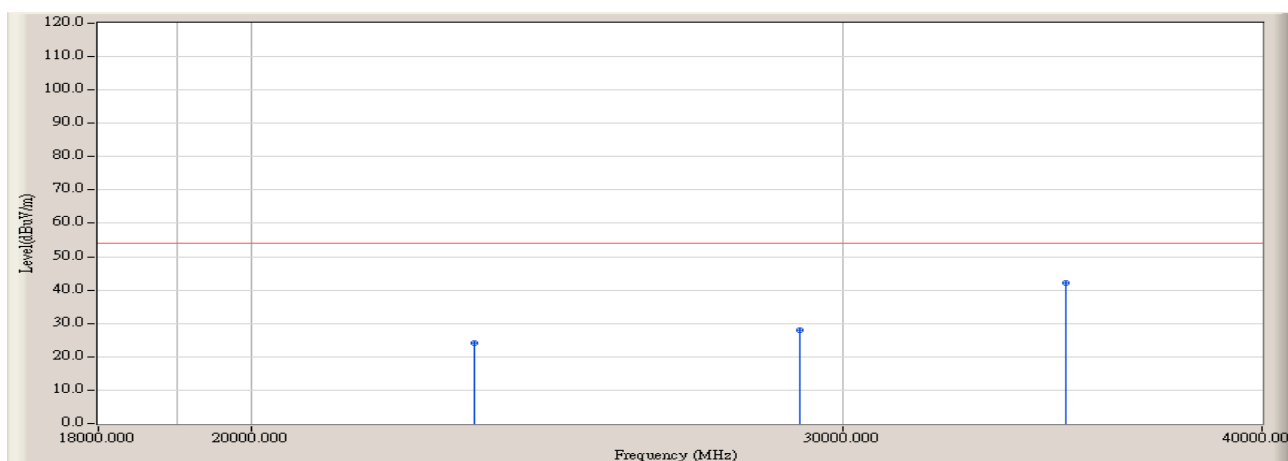


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		23300.000	21.109	23.042	44.151	-29.819	73.970	PEAK
2		29124.000	25.013	22.784	47.797	-26.173	73.970	PEAK
3	*	34952.000	31.541	27.746	59.287	-14.683	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:56
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - HORIZONTAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5825MHz) 7dBi

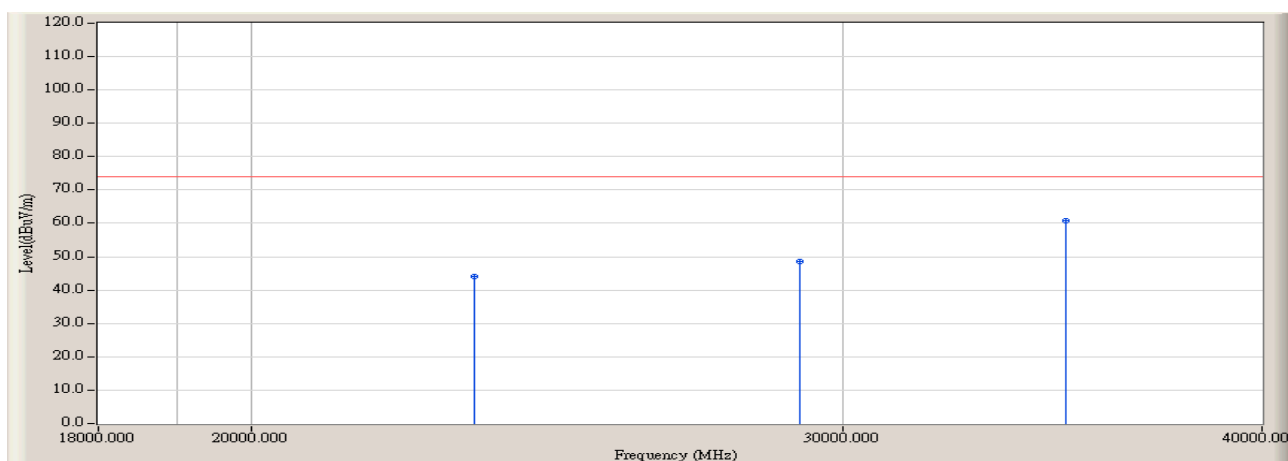


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		23300.000	21.109	3.175	24.284	-29.686	53.970	AVERAGE
2		29124.000	25.013	3.032	28.045	-25.925	53.970	AVERAGE
3	*	34952.000	31.541	10.733	42.274	-11.696	53.970	AVERAGE

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:57
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5825MHz) 7dBi

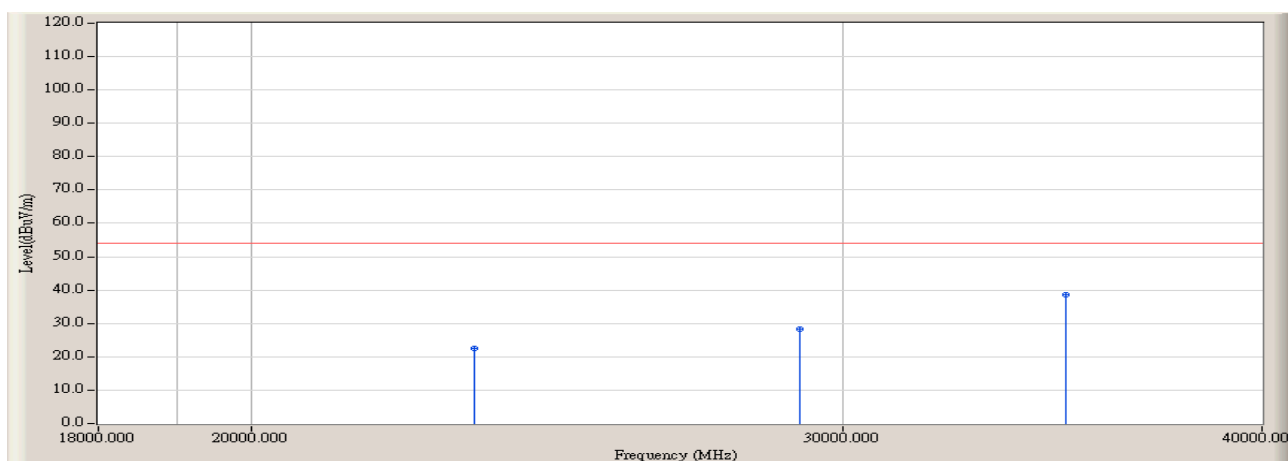


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		23300.000	21.109	23.033	44.142	-29.828	73.970	PEAK
2		29124.000	25.013	23.485	48.498	-25.472	73.970	PEAK
3	*	34951.000	31.540	29.190	60.730	-13.240	73.970	PEAK

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 : AC-2(3m Radiated Emission Chamber)	Time : 2007/07/25 - 18:57
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
EUT : Wireless Transmitter Card (M/N: WLM54AG)	Probe : 9170D(18-40GHz) - VERTICAL
Power : AC 120V/60Hz	Note : Mode 3: Transmit by 802.11a (5825MHz) 7dBi



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		23300.000	21.109	1.281	22.390	-31.580	53.970	AVERAGE
2		29124.000	25.013	3.291	28.304	-25.666	53.970	AVERAGE
3	*	34951.000	31.540	7.186	38.726	-15.244	53.970	AVERAGE

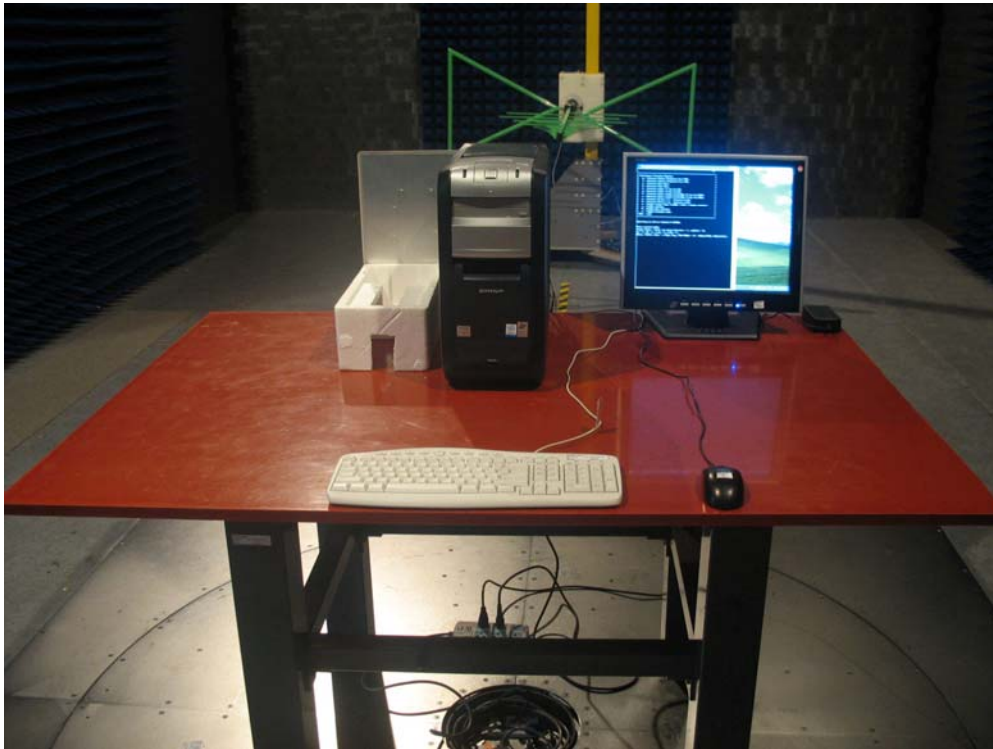
Note:

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

4.7. Test Photograph

Test Mode: Mode 1: Transmit by 802.11b (19dBi)

Description: Front View of Radiated Test for Under 1GHz



Test Mode: Mode 1: Transmit by 802.11b (19dBi)

Description: Back View of Radiated Test for Under 1GHz



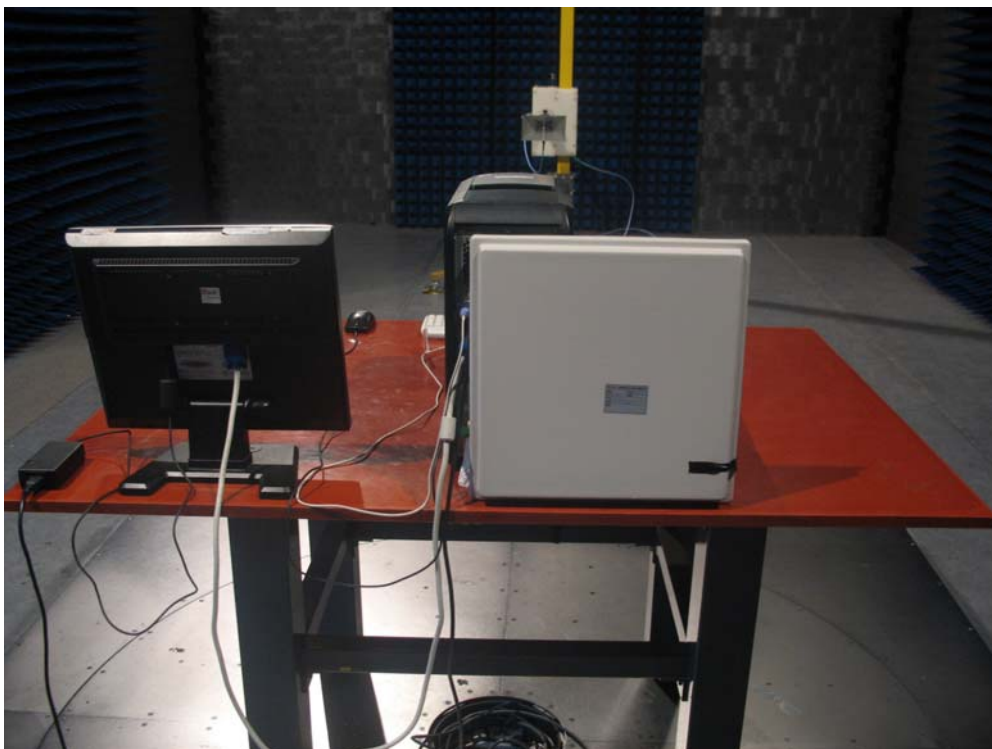
Test Mode: Mode 1: Transmit by 802.11b (19dBi)

Description: Front View of Radiated Test for Above 1GHz



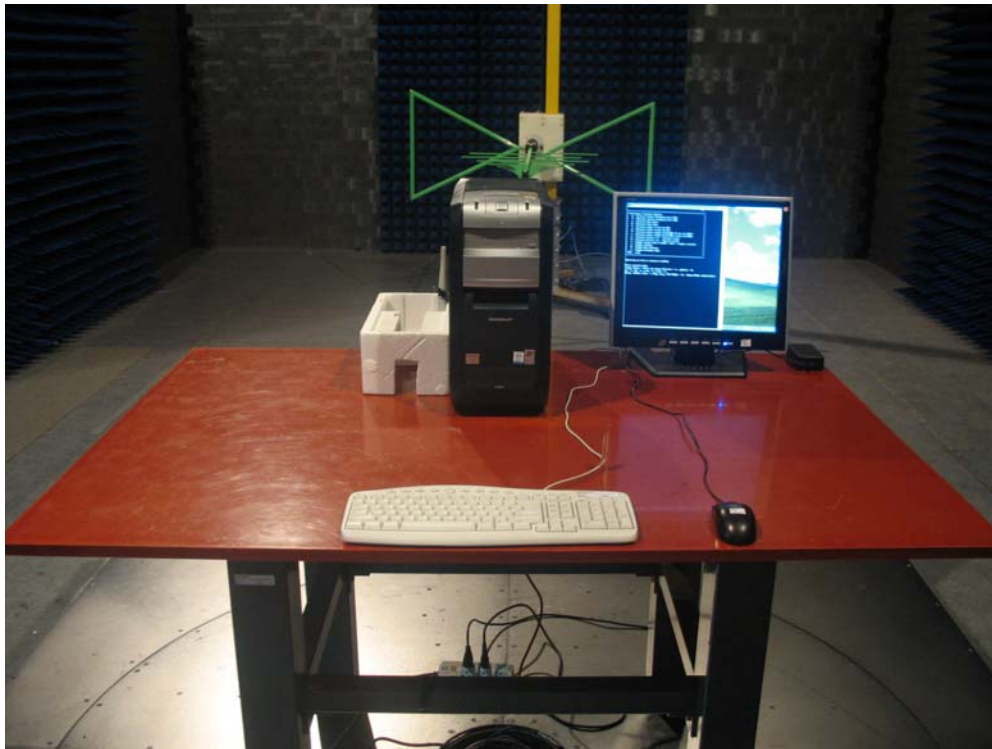
Test Mode: Mode 1: Transmit by 802.11b (19dBi)

Description: Back View of Radiated Test for Above 1GHz



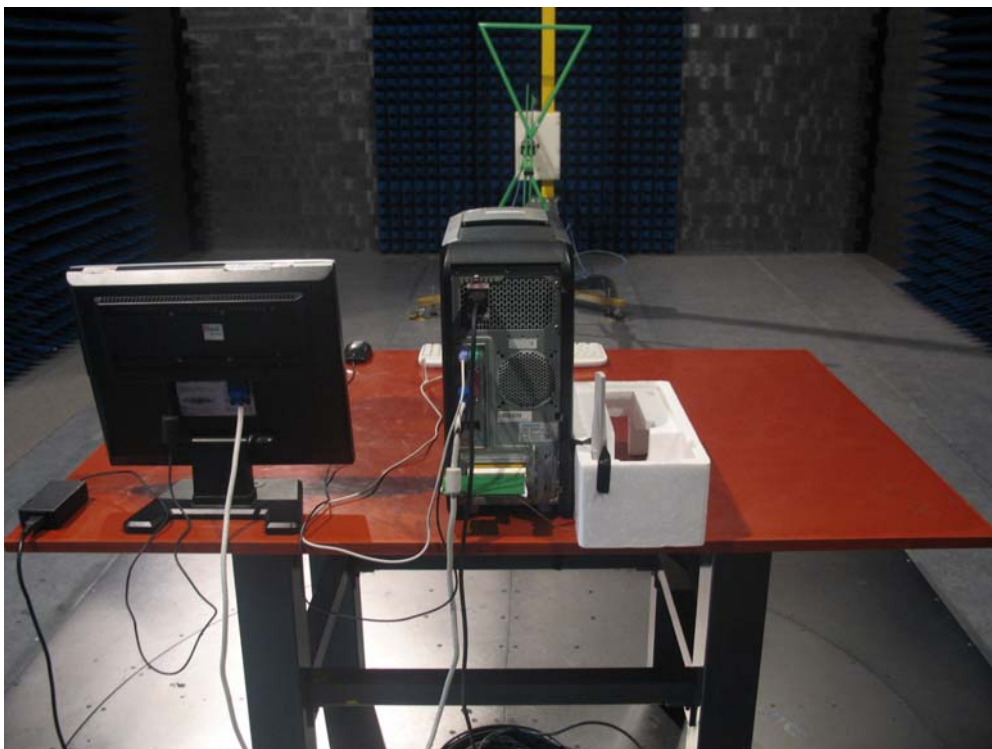
Test Mode: Mode 1: Transmit by 802.11b (4.5dBi)

Description: Front View of Radiated Test for Under 1GHz



Test Mode: Mode 1: Transmit by 802.11b (4.5dBi)

Description: Back View of Radiated Test for Under 1GHz



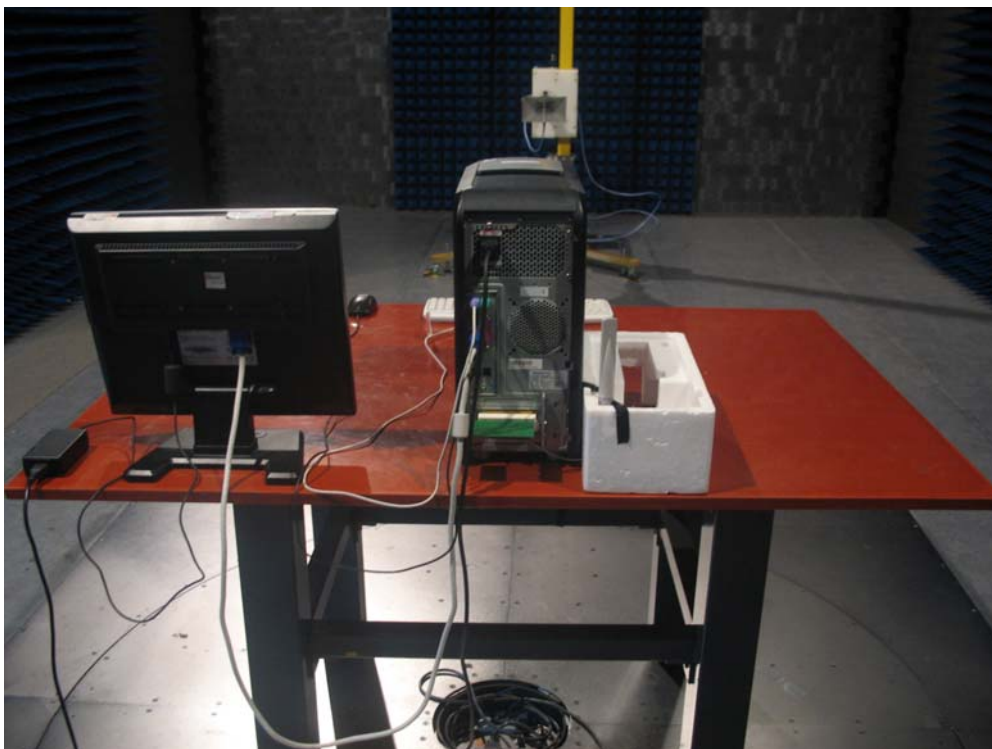
Test Mode: Mode 1: Transmit by 802.11b (4.5dBi)

Description: Front View of Radiated Test for Above 1GHz



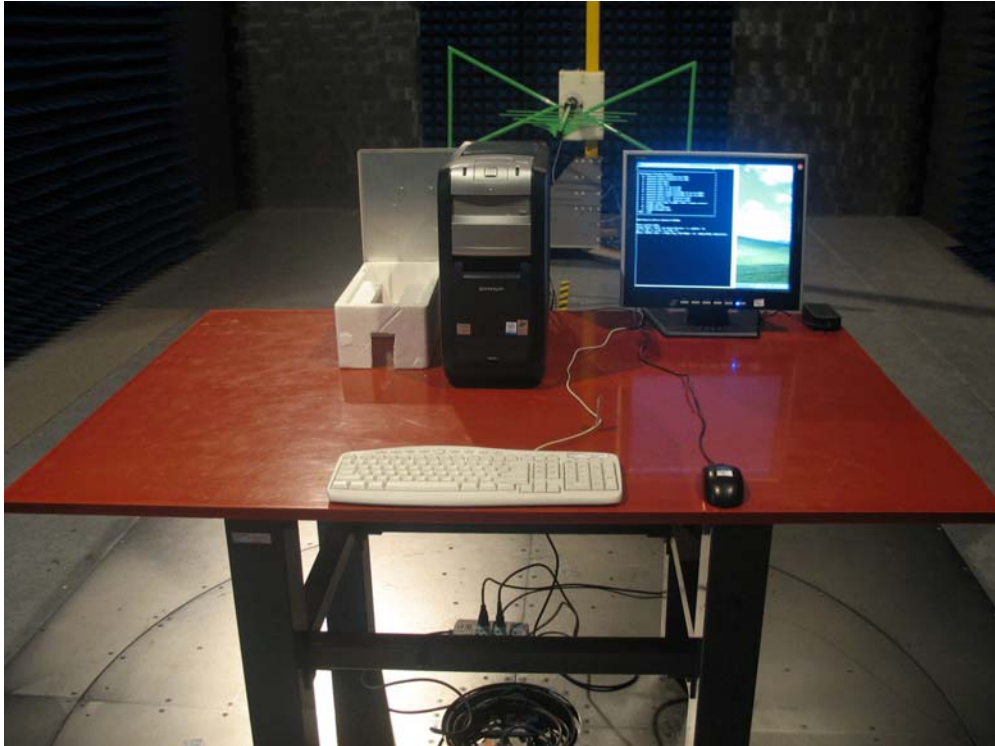
Test Mode: Mode 1: Transmit by 802.11b (4.5dBi)

Description: Back View of Radiated Test for Above 1GHz



Test Mode: Mode 2: Transmit by 802.11g (19dBi)

Description: Front View of Radiated Test for Under 1GHz



Test Mode: Mode 2: Transmit by 802.11g (19dBi)

Description: Back View of Radiated Test for Under 1GHz



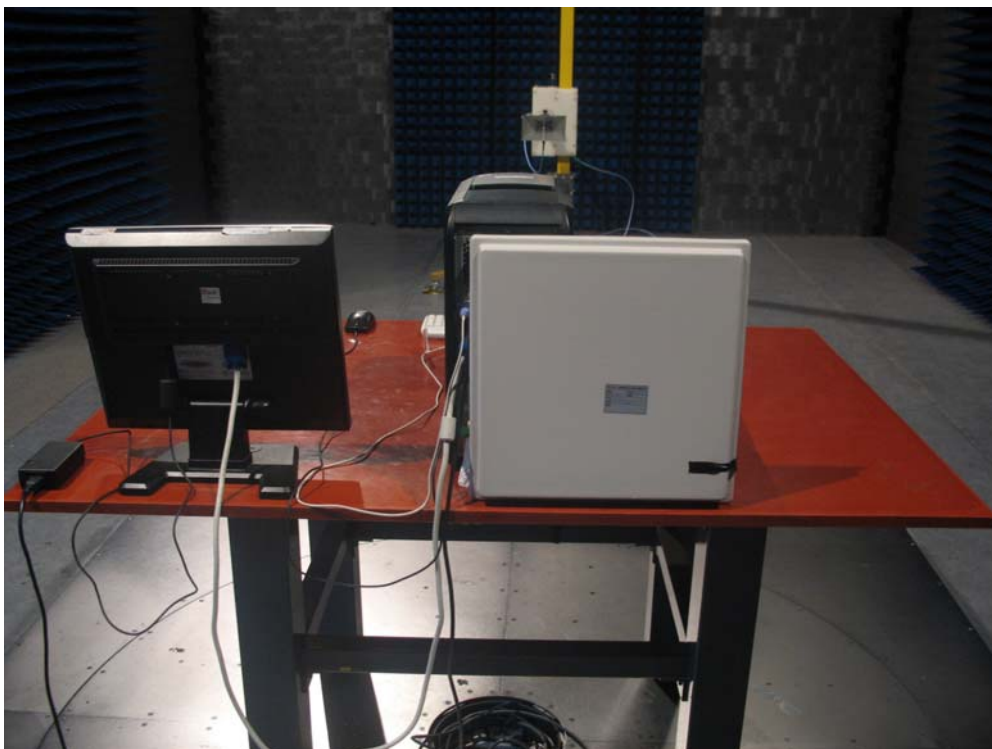
Test Mode: Mode 2: Transmit by 802.11g (19dBi)

Description: Front View of Radiated Test for Above 1GHz



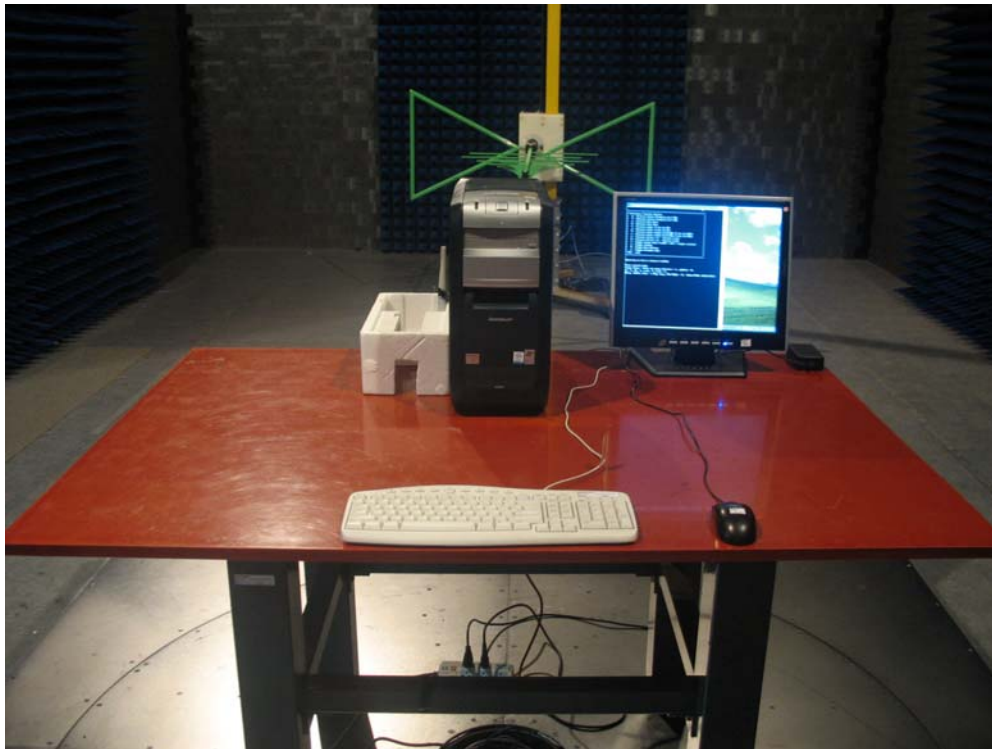
Test Mode: Mode 2: Transmit by 802.11g (19dBi)

Description: Back View of Radiated Test for Above 1GHz



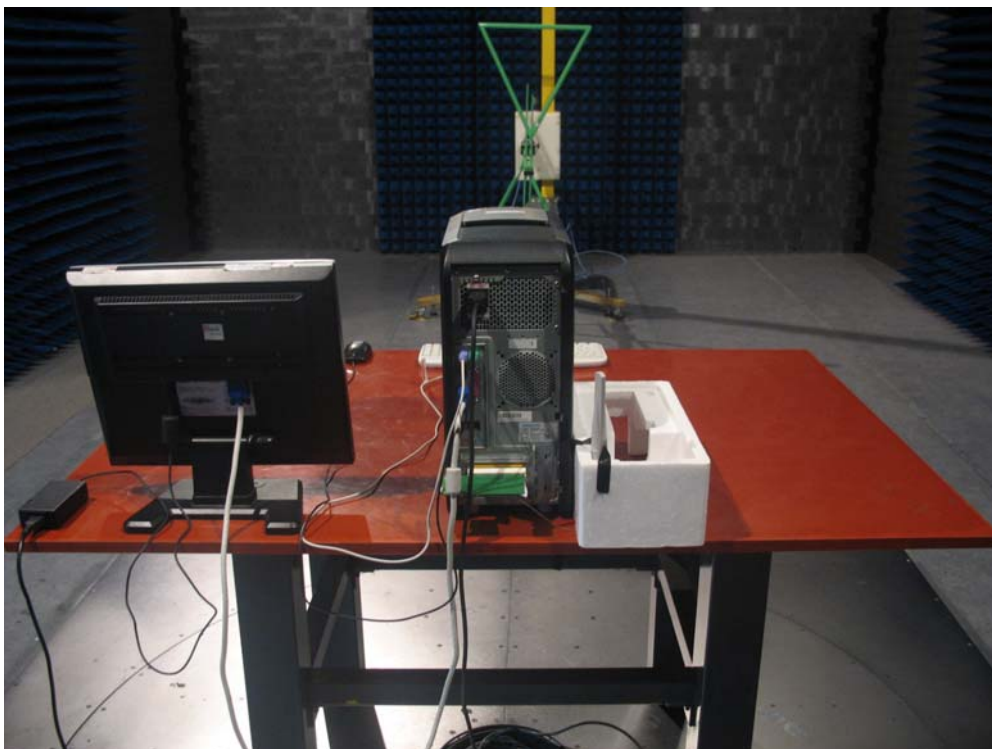
Test Mode: Mode 2: Transmit by 802.11g (4.5dBi)

Description: Front View of Radiated Test for Under 1GHz



Test Mode: Mode 2: Transmit by 802.11g (4.5dBi)

Description: Back View of Radiated Test for Under 1GHz



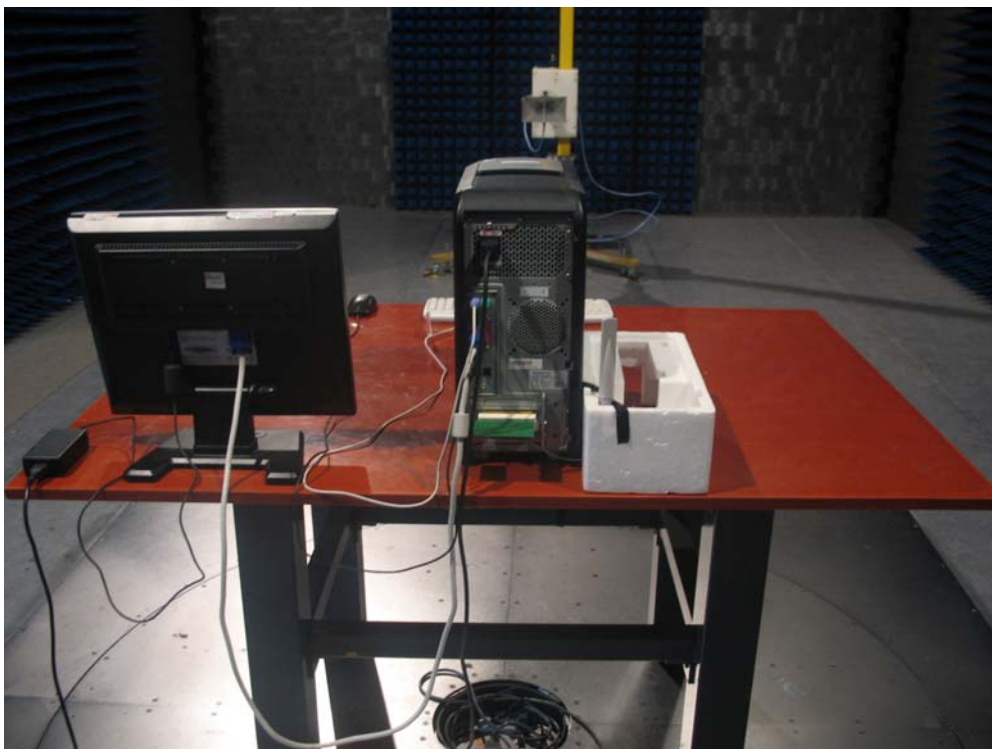
Test Mode: Mode 2: Transmit by 802.11g (4.5dBi)

Description: Front View of Radiated Test for Above 1GHz



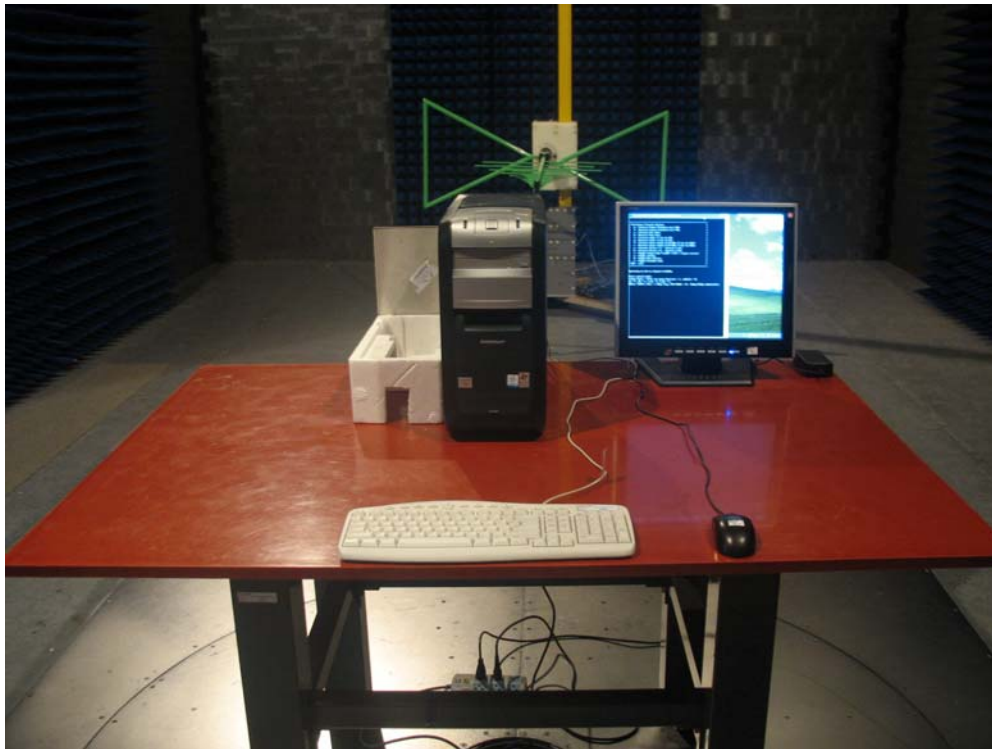
Test Mode: Mode 2: Transmit by 802.11g (4.5dBi)

Description: Back View of Radiated Test for Above 1GHz



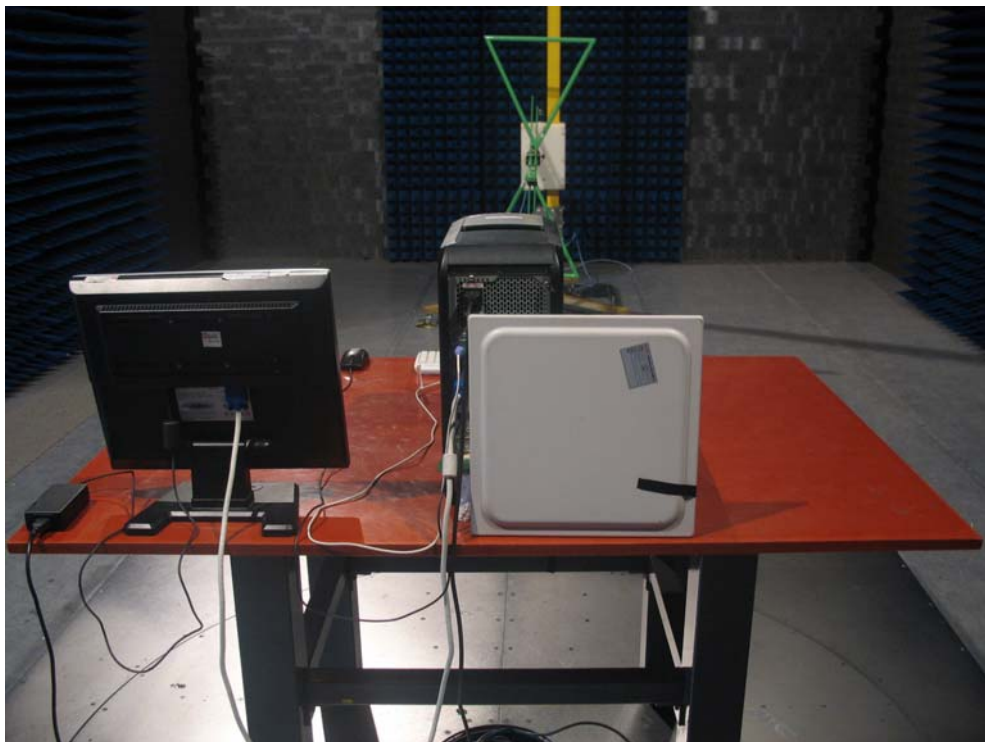
Test Mode: Mode 3: Transmit by 802.11a (23dBi)

Description: Front View of Radiated Test for Under 1GHz



Test Mode: Mode 3: Transmit by 802.11a (23dBi)

Description: Back View of Radiated Test for Under 1GHz



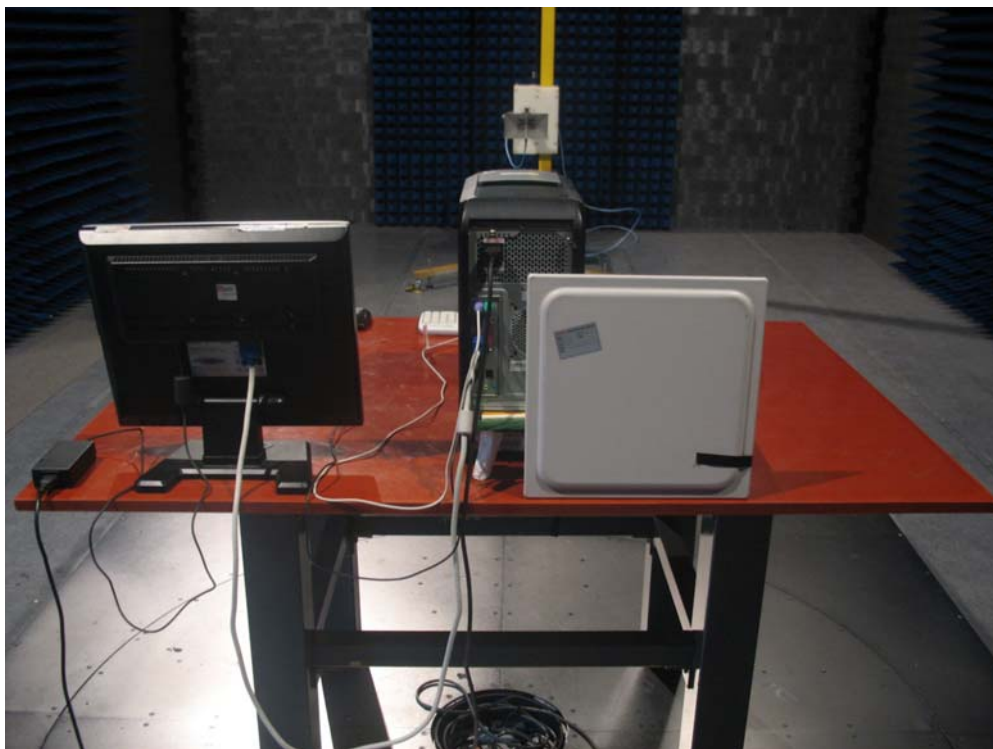
Test Mode: Mode 3: Transmit by 802.11a (23dBi)

Description: Front View of Radiated Test for 1-18GHz



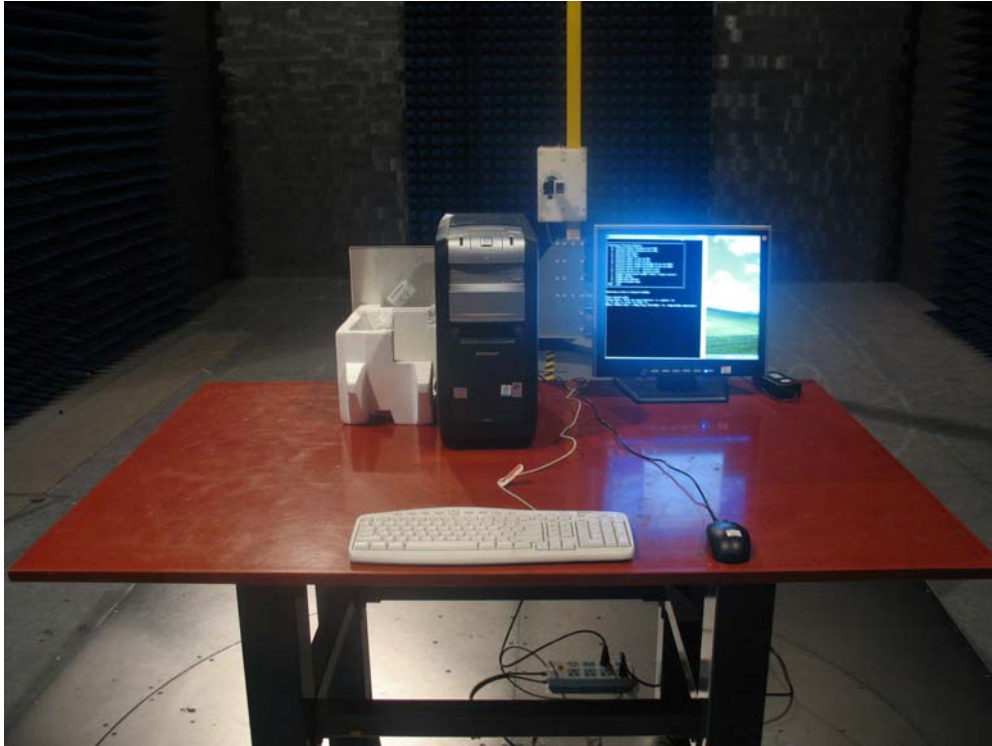
Test Mode: Mode 3: Transmit by 802.11a (23dBi)

Description: Back View of Radiated Test for 1-18GHz



Test Mode: Mode 3: Transmit by 802.11a (23dBi)

Description: Front View of Radiated Test for 18-40GHz



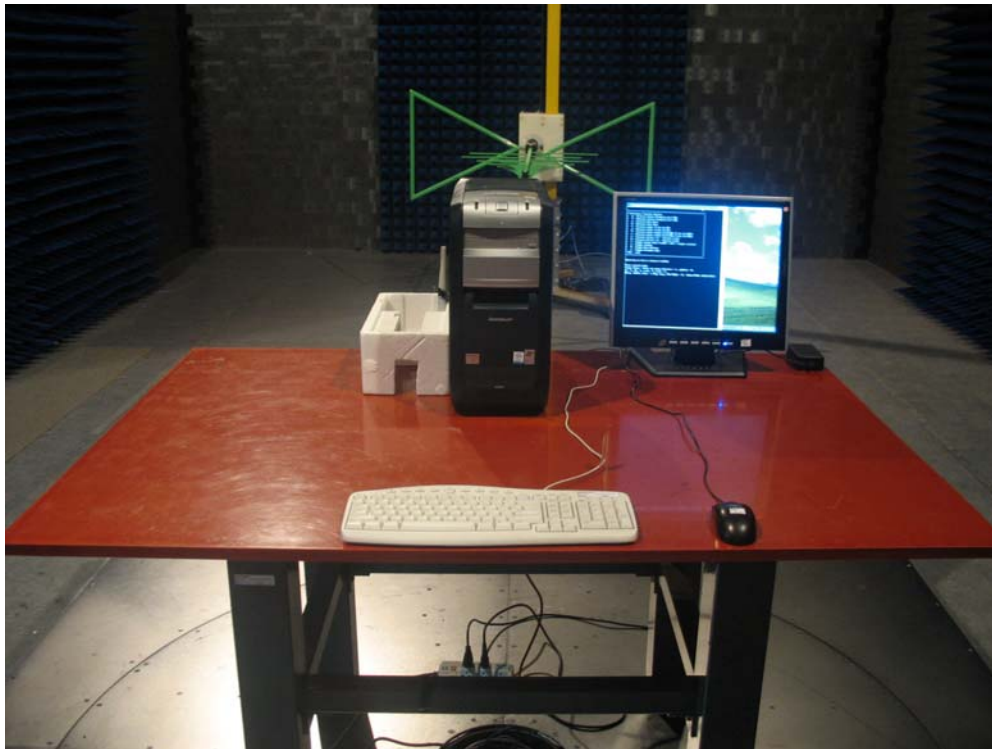
Test Mode: Mode 3: Transmit by 802.11a (23dBi)

Description: Back View of Radiated Test for 18-40GHz



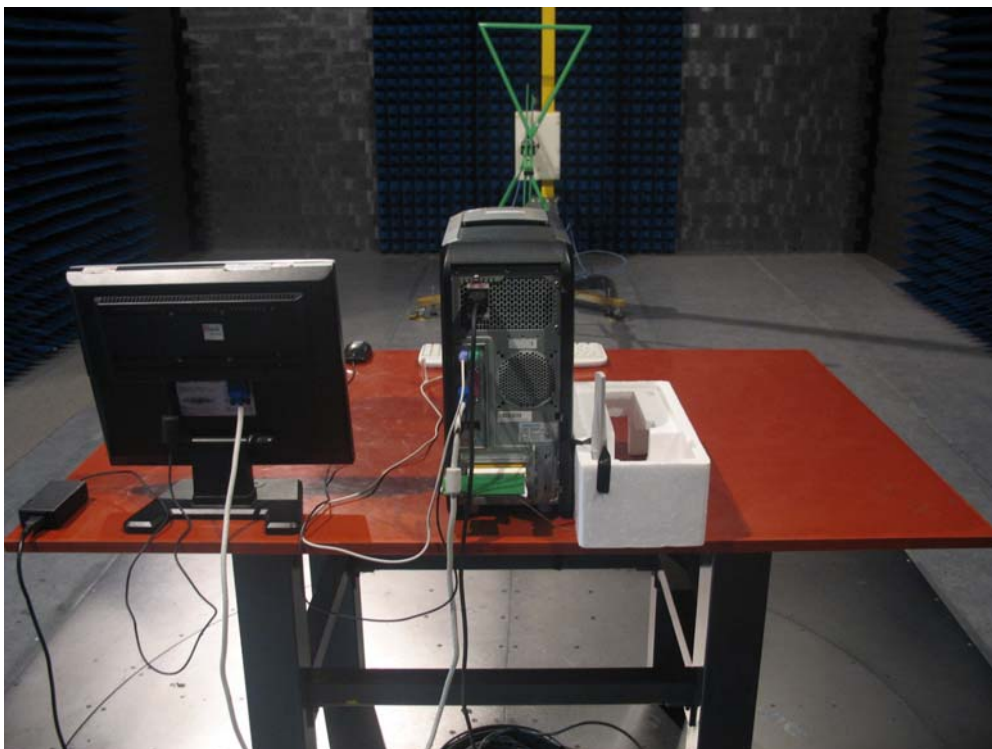
Test Mode: Mode 3: Transmit by 802.11a (7dBi)

Description: Front View of Radiated Test for Under 1GHz



Test Mode: Mode 3: Transmit by 802.11a (7dBi)

Description: Back View of Radiated Test for Under 1GHz



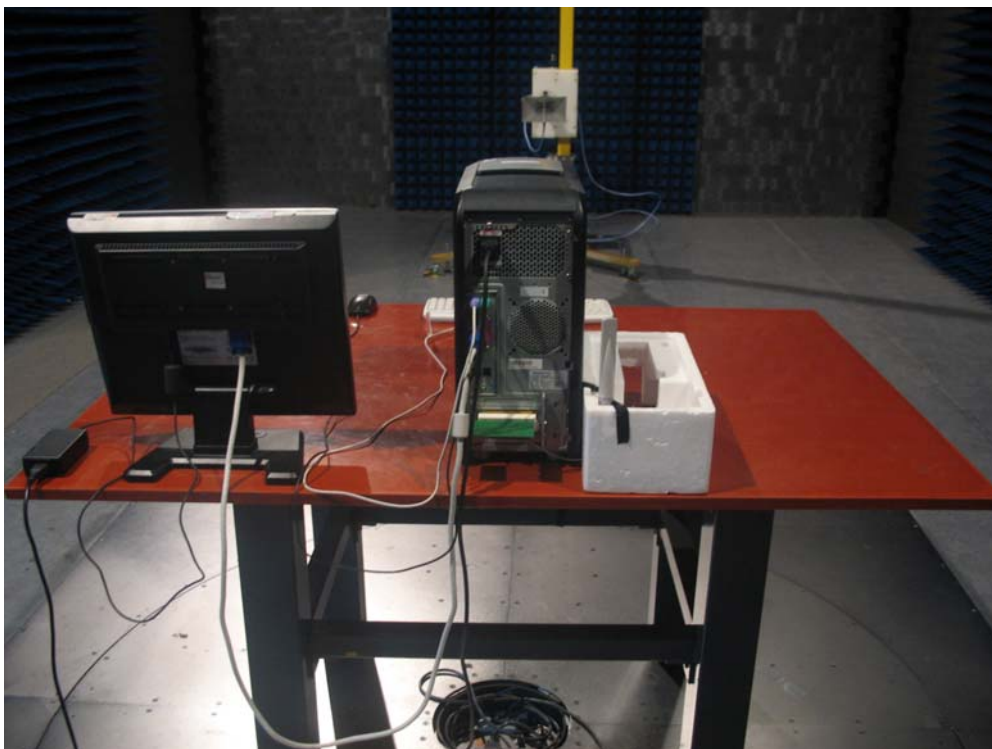
Test Mode: Mode 3: Transmit by 802.11a (7dBi)

Description: Front View of Radiated Test for 1-18GHz



Test Mode: Mode 3: Transmit by 802.11a (7dBi)

Description: Back View of Radiated Test for 1-18GHz



Test Mode: Mode 3: Transmit by 802.11a (7dBi)

Description: Front View of Radiated Test for 18-40GHz



Test Mode: Mode 3: Transmit by 802.11a (7dBi)

Description: Back View of Radiated Test for 18-40GHz



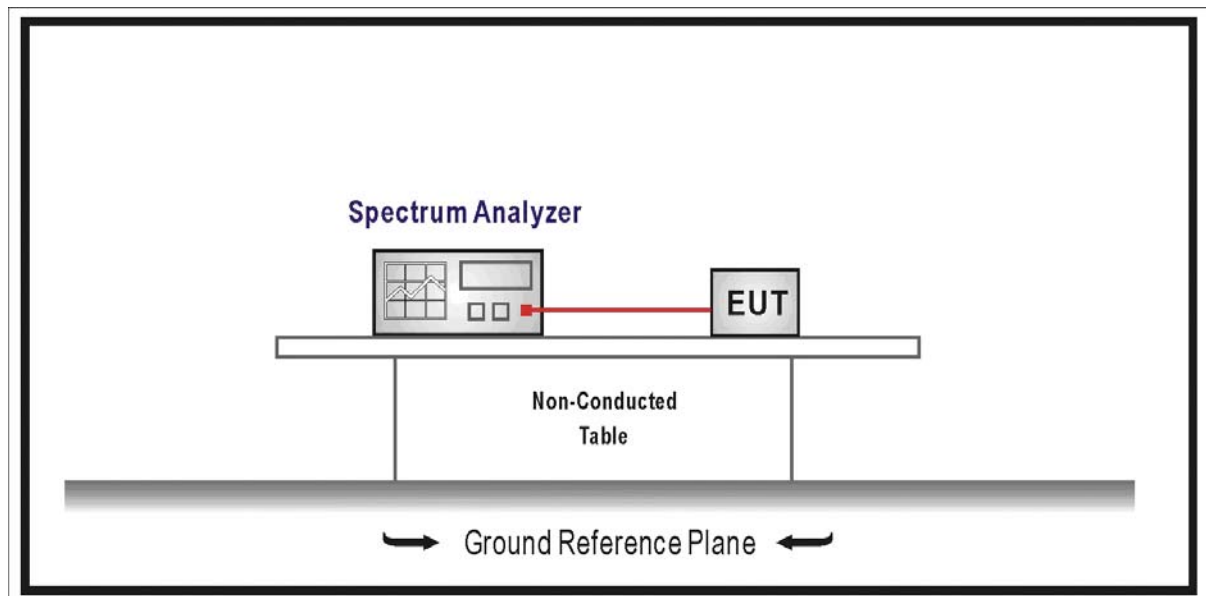
5. Peak Power Output

5.1. Test Equipment

Peak 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	2006/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH003	2007/03/31

5.2. Test Setup



5.3. Limit

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

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

5.4. Test Procedure

- a) Place the EUT on a bench and set it in transmitting mode.
- b) Connect a low loss RF cable from the antenna port to a spectrum analyzer.
- c) Add a correction factor to the display, and then test.

5.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

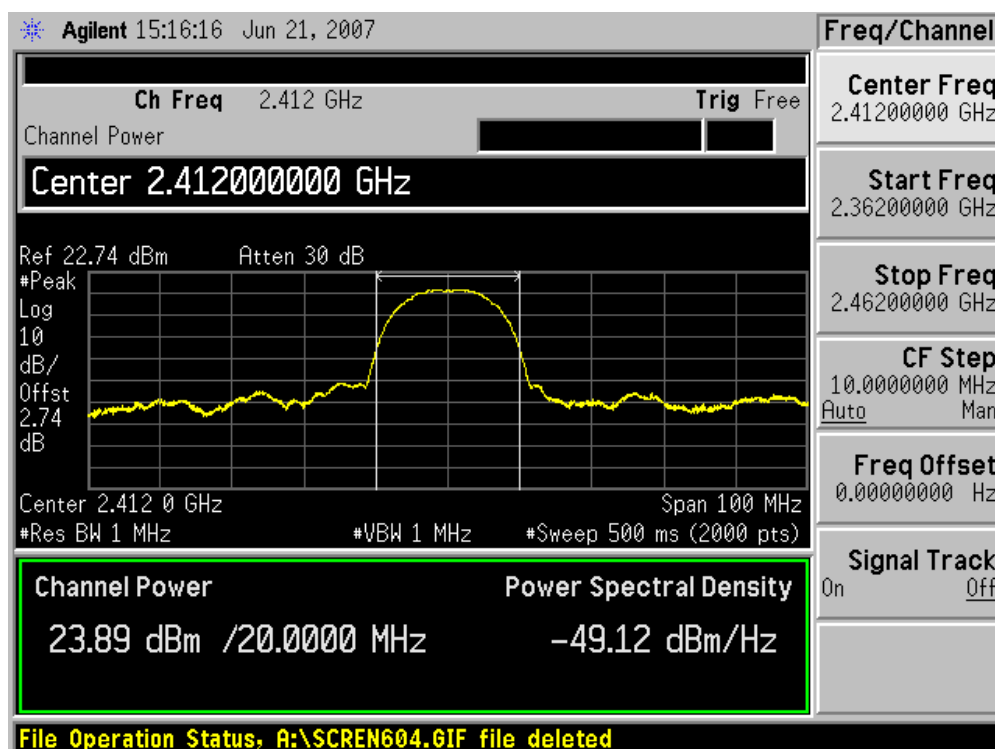
5.6. Test Result

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Peak Power Output
Test Site	:	AC-3
Test Mode	:	Mode 1: Transmit by 802.11b (19 dBi Antenna)

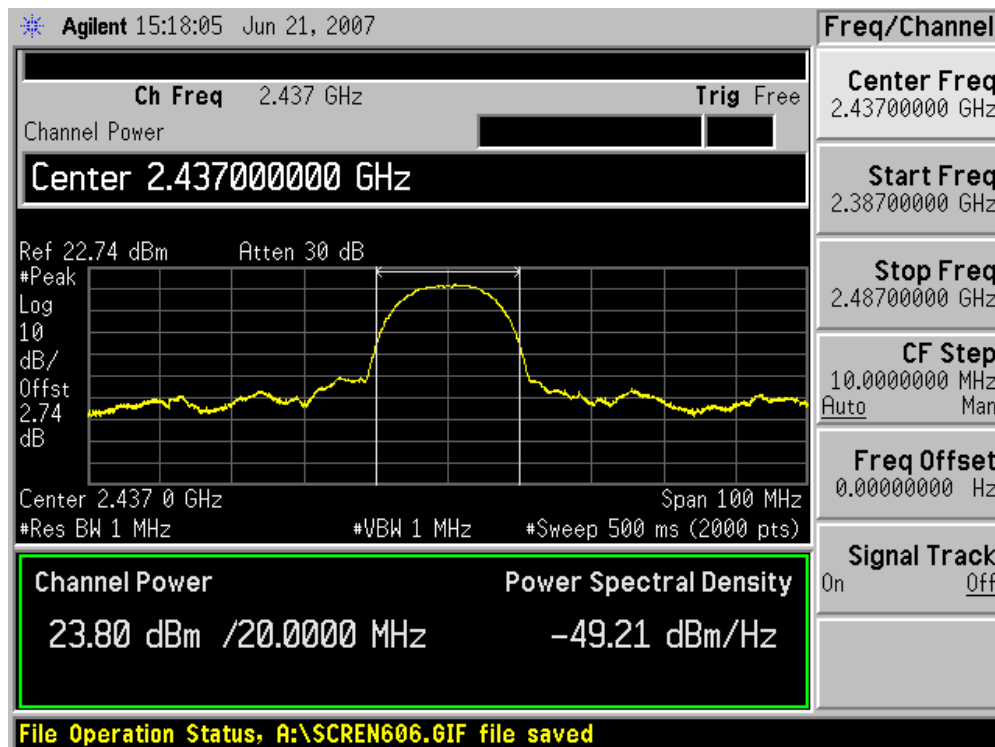
Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	2412.00	23.89	25.67	Pass
06	2437.00	23.80	25.67	Pass
11	2462.00	23.80	25.67	Pass

Note: EUT is fixed point-to-point equipment, and the Antenna gain is 19dBi, according to the standard of FCC 15.247(c)(1)(i), the limit = 30dBm - (19 - 6)/3 = 25.67 dBm.

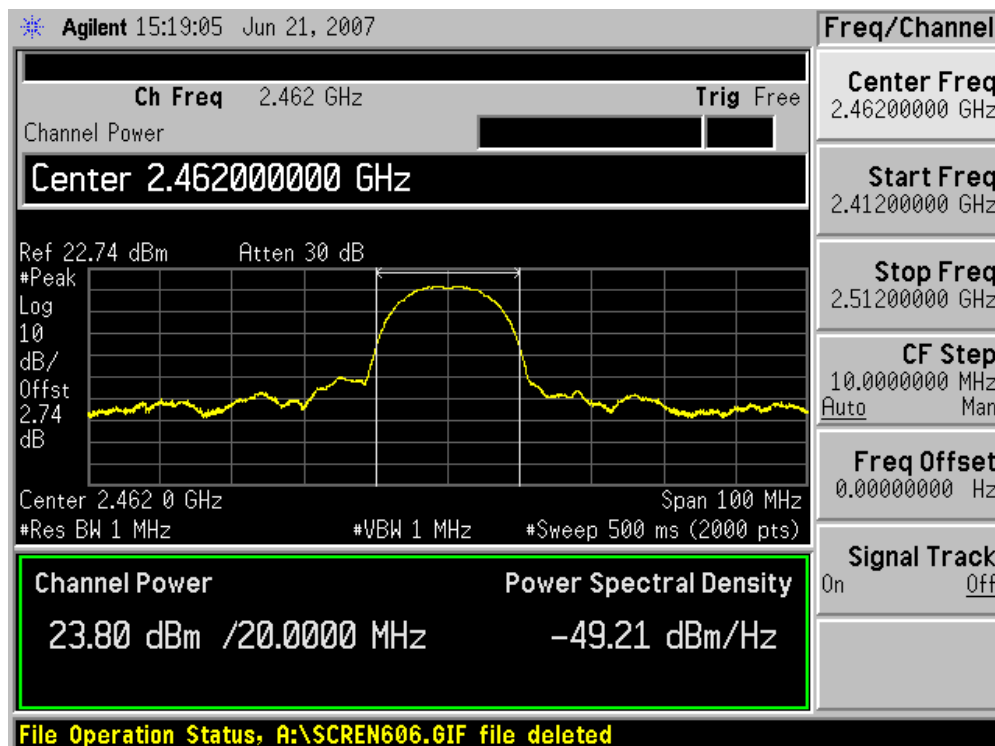
Channel 01 (2412MHz)



Channel 06 (2437MHz)



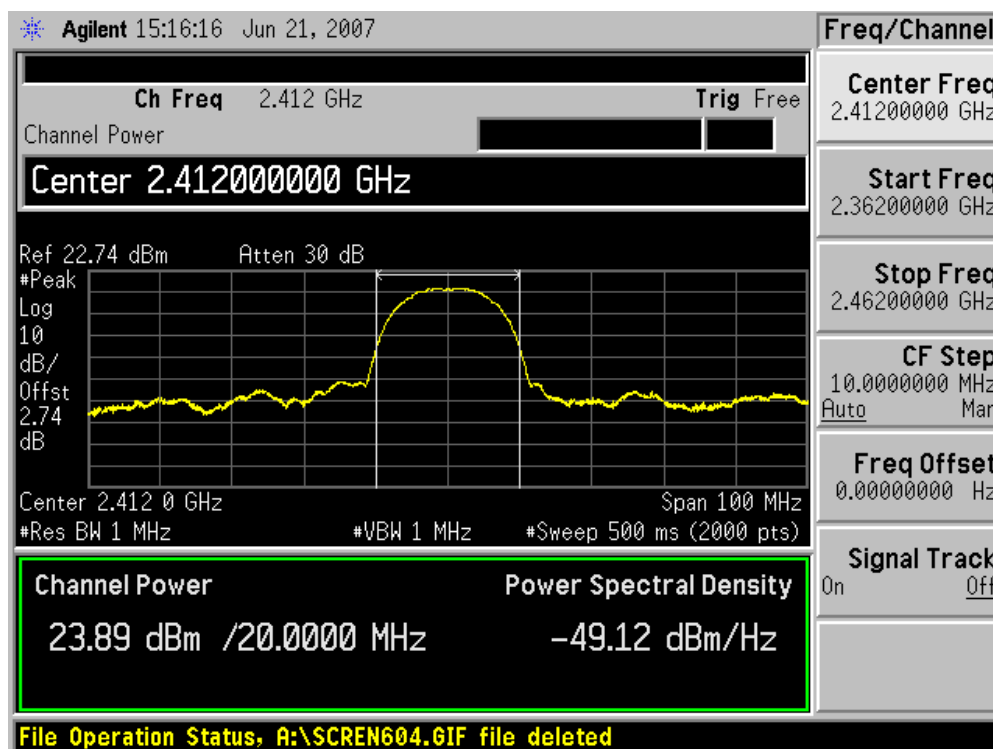
Channel 11 (2462MHz)



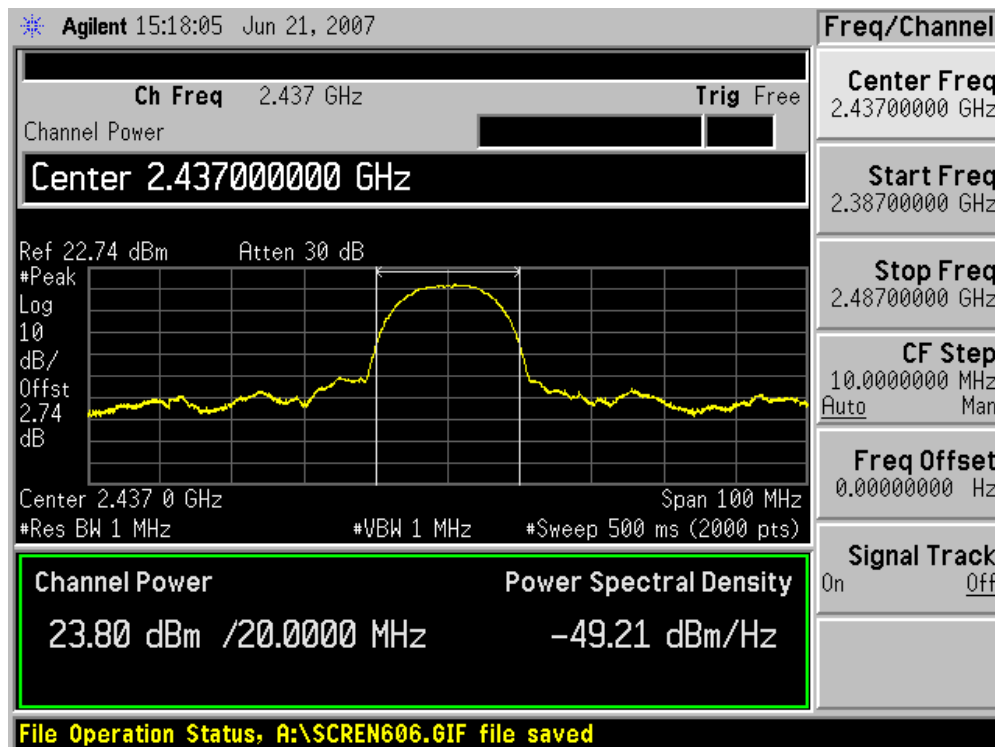
Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Peak Power Output
Test Site	:	AC-3
Test Mode	:	Mode 1: Transmit by 802.11b (4.5 dBi Antenna)

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	2412.00	23.89	30	Pass
06	2437.00	23.80	30	Pass
11	2462.00	23.80	30	Pass

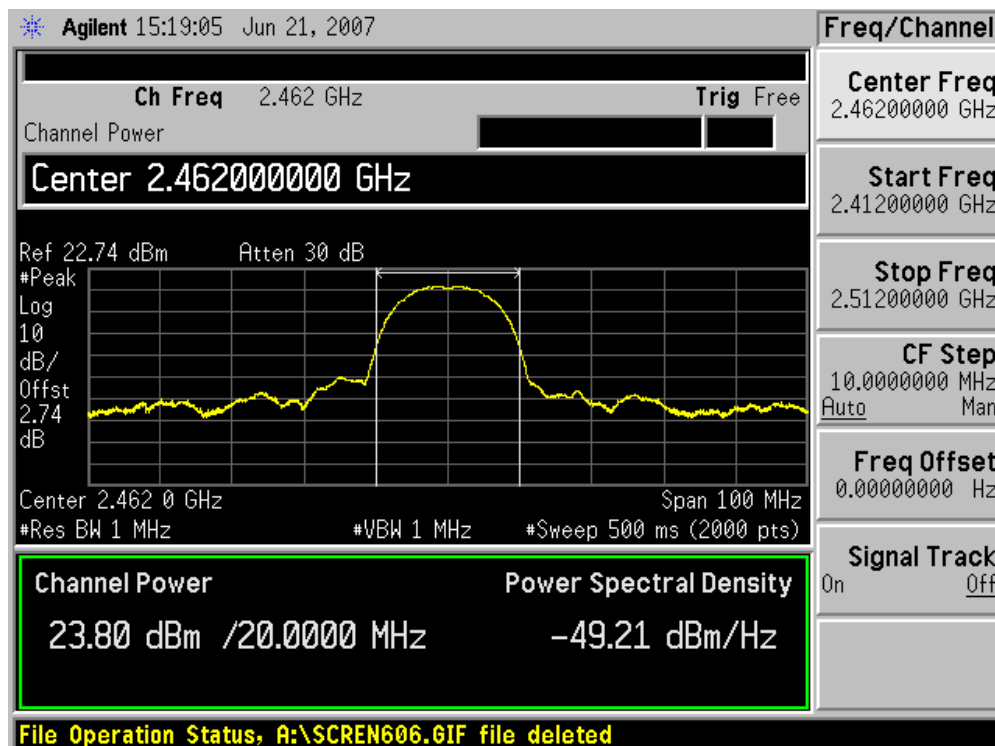
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

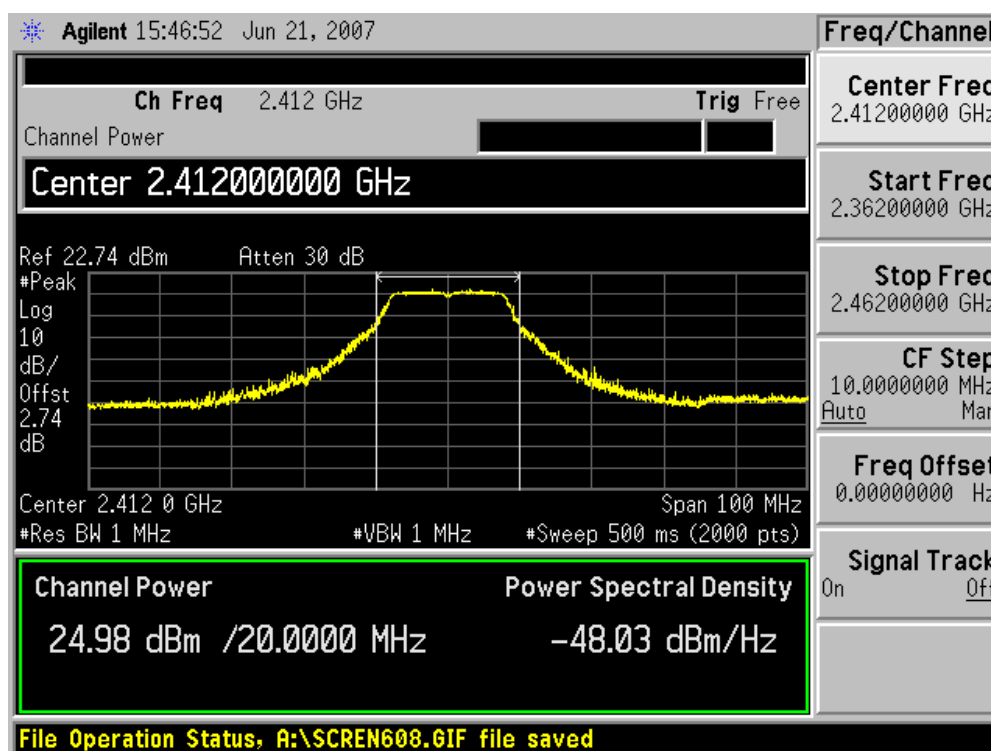


Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Peak Power Output
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by 802.11g (19 dBi Antenna)

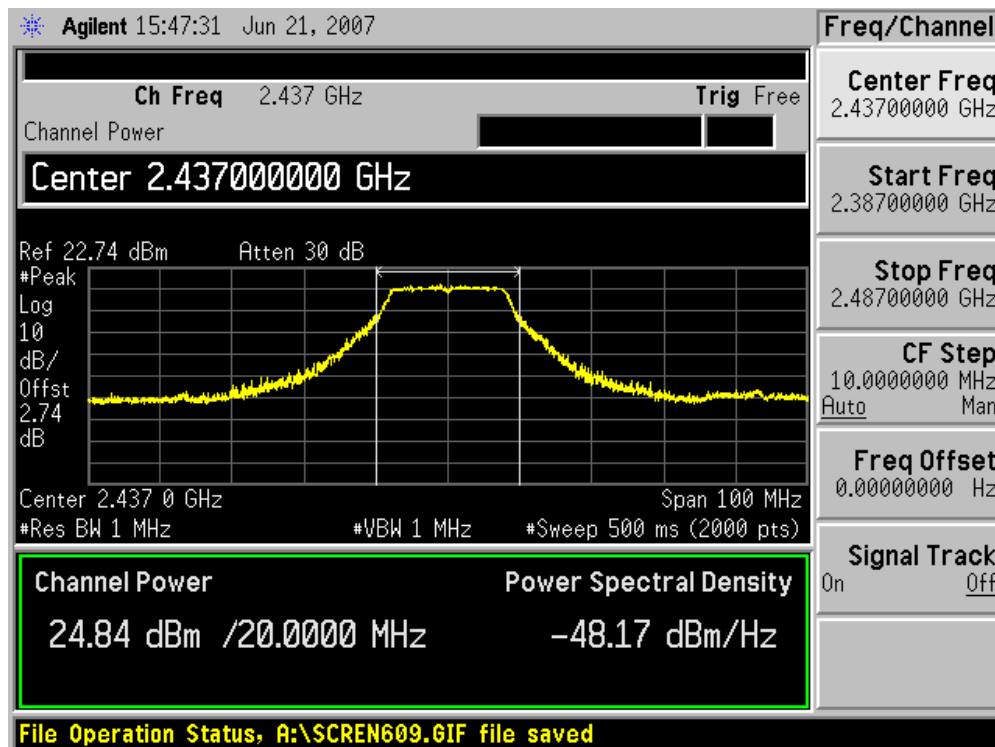
Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	2412.00	24.98	25.67	Pass
06	2437.00	24.84	25.67	Pass
11	2462.00	24.18	25.67	Pass

Note: EUT is fixed point-to-point equipment, and the Antenna gain is 19dBi, according to the standard of FCC 15.247(c)(1)(i), the limit = 30dBm - (19 - 6)/3 = 25.67 dBm.

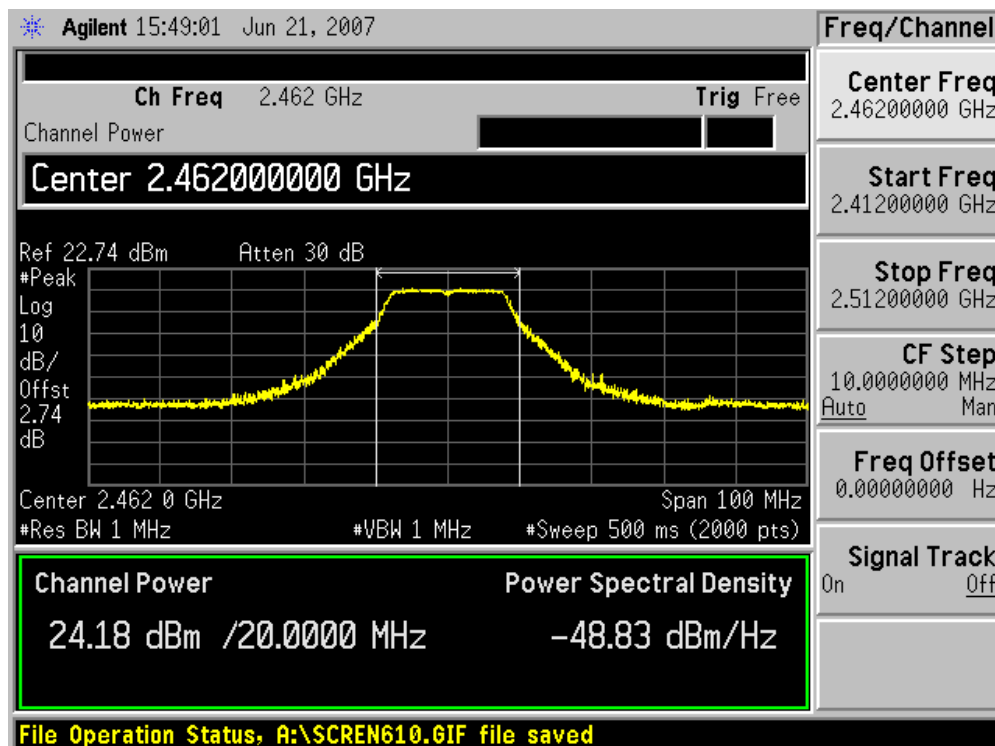
Channel 01 (2412MHz)



Channel 06 (2437MHz)



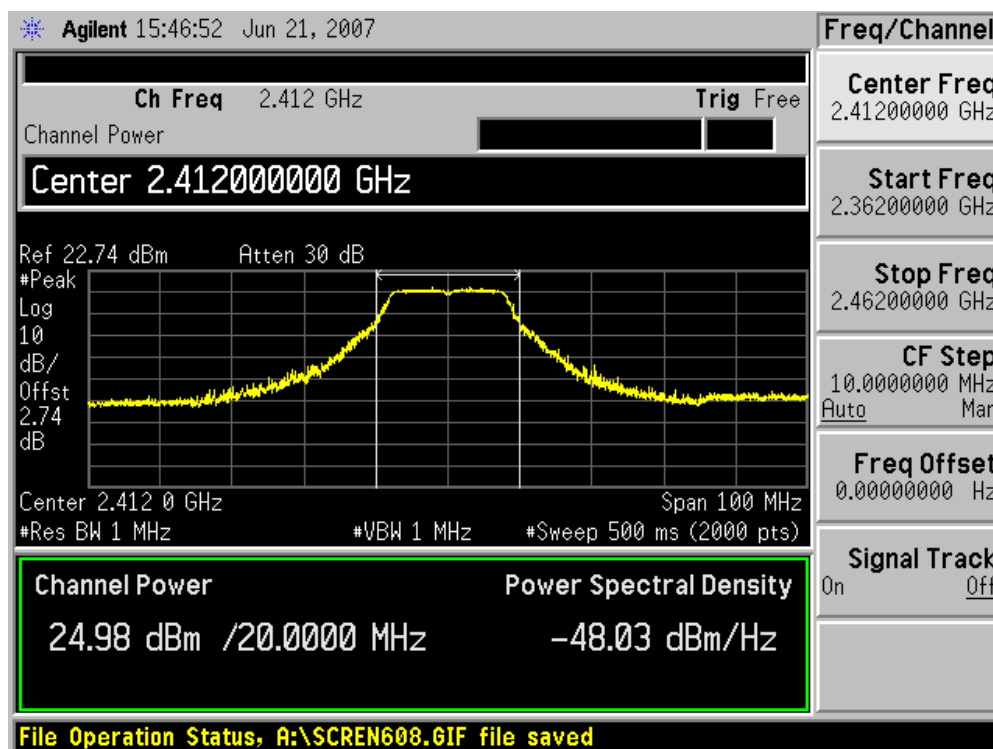
Channel 11 (2462MHz)



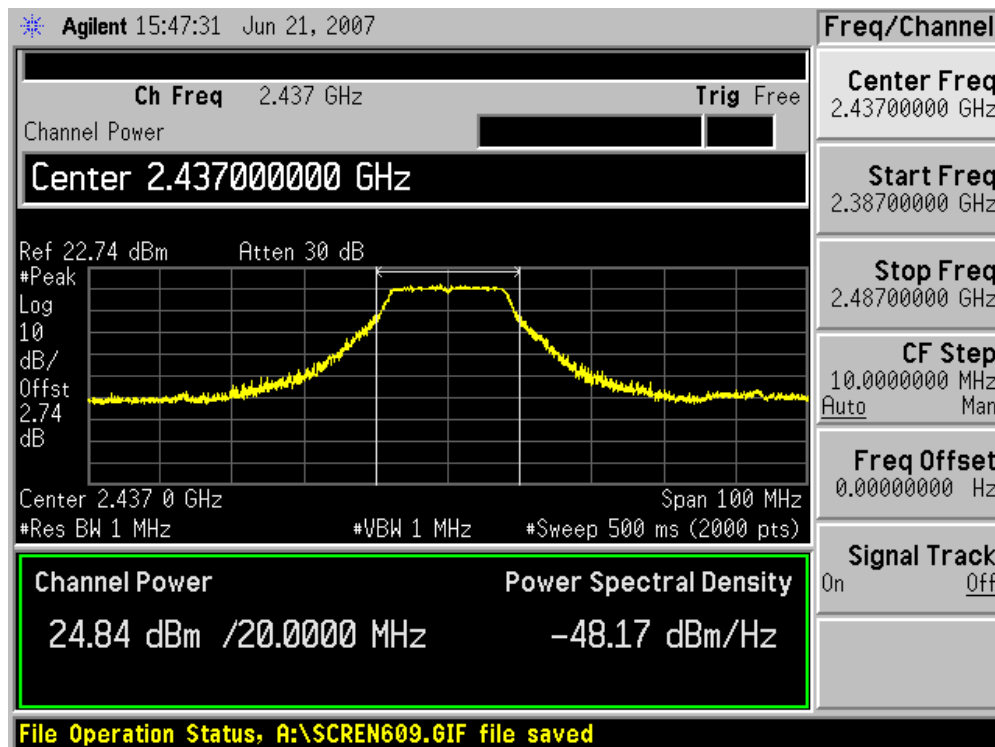
Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Peak Power Output
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by 802.11g (4.5 dBi Antenna)

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	2412.00	24.98	30.00	Pass
06	2437.00	24.84	30.00	Pass
11	2462.00	24.18	30.00	Pass

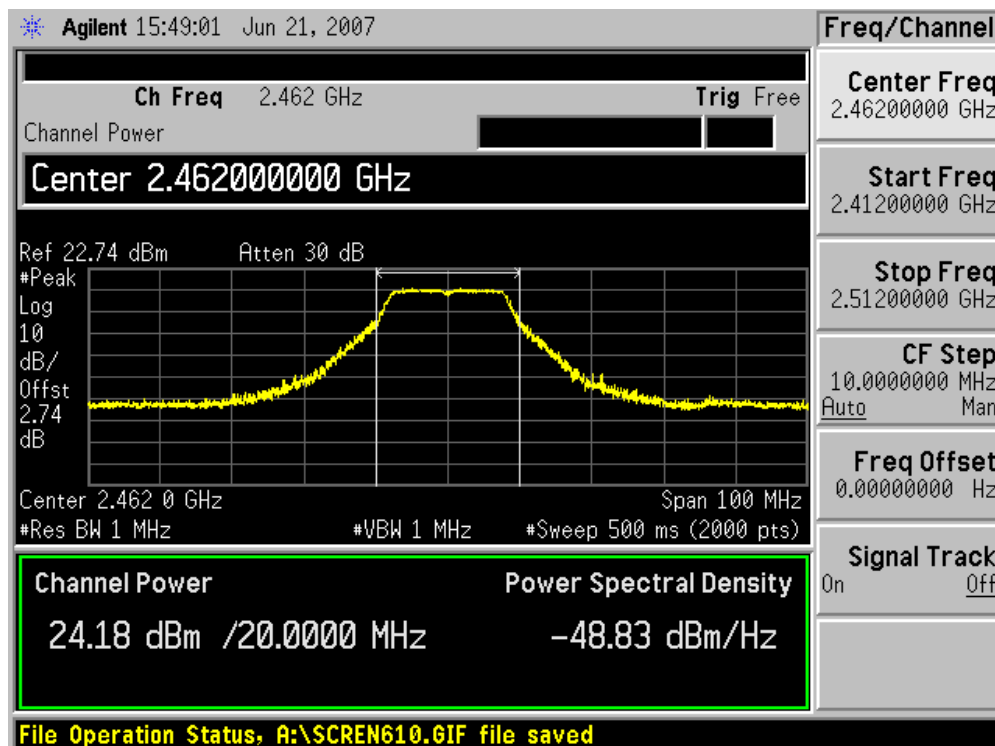
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

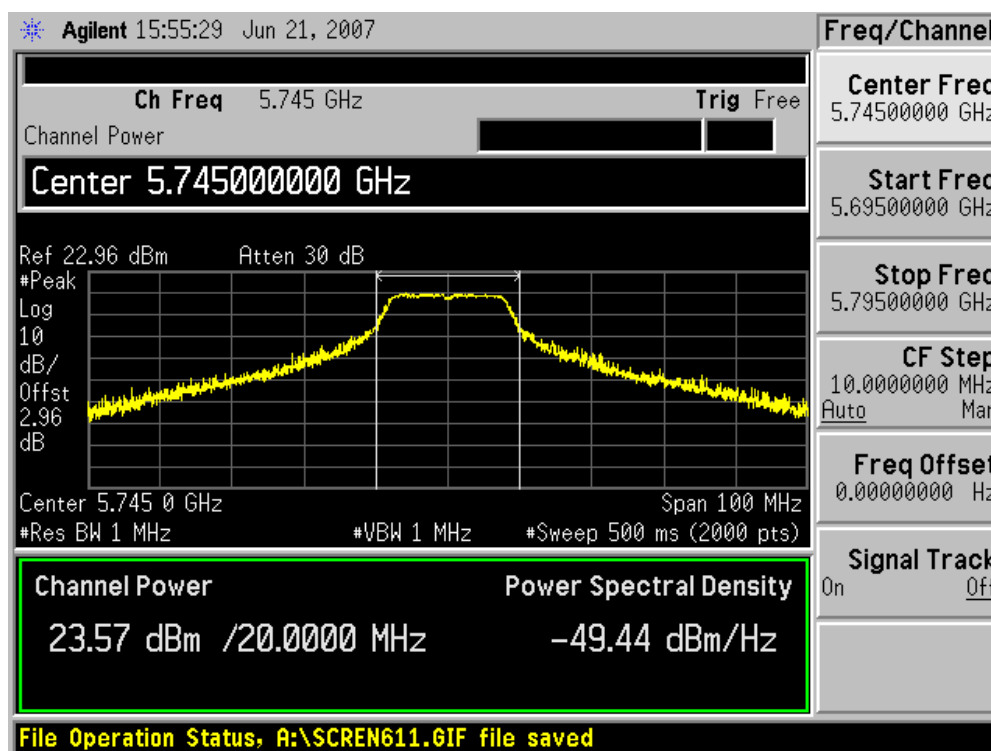


Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Peak Power Output
Test Site	:	AC-3
Test Mode	:	Mode 3: Transmit by 802.11a (23 dBi Antenna)

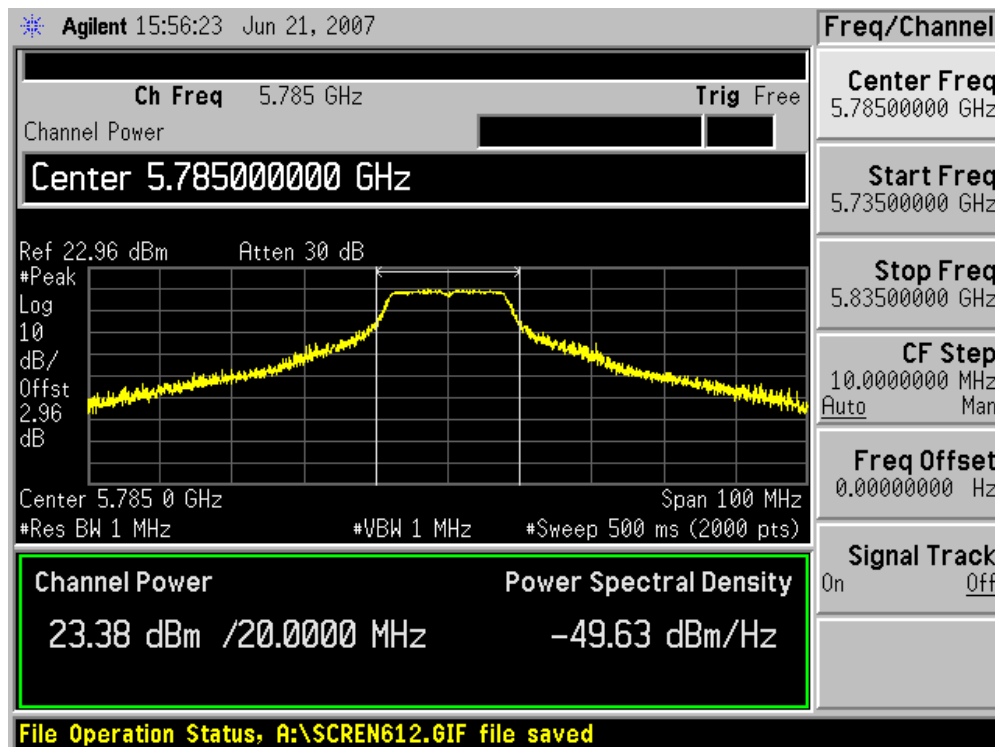
Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	5745.00	23.57	30.00	Pass
03	5785.00	23.38	30.00	Pass
05	5825.00	23.63	30.00	Pass

Note: EUT is fixed point-to-point equipment, and the Antenna gain is 23dBi, according to standard of FCC 15.247(c)(1)(ii), the conducted output power without any corresponding reduction.

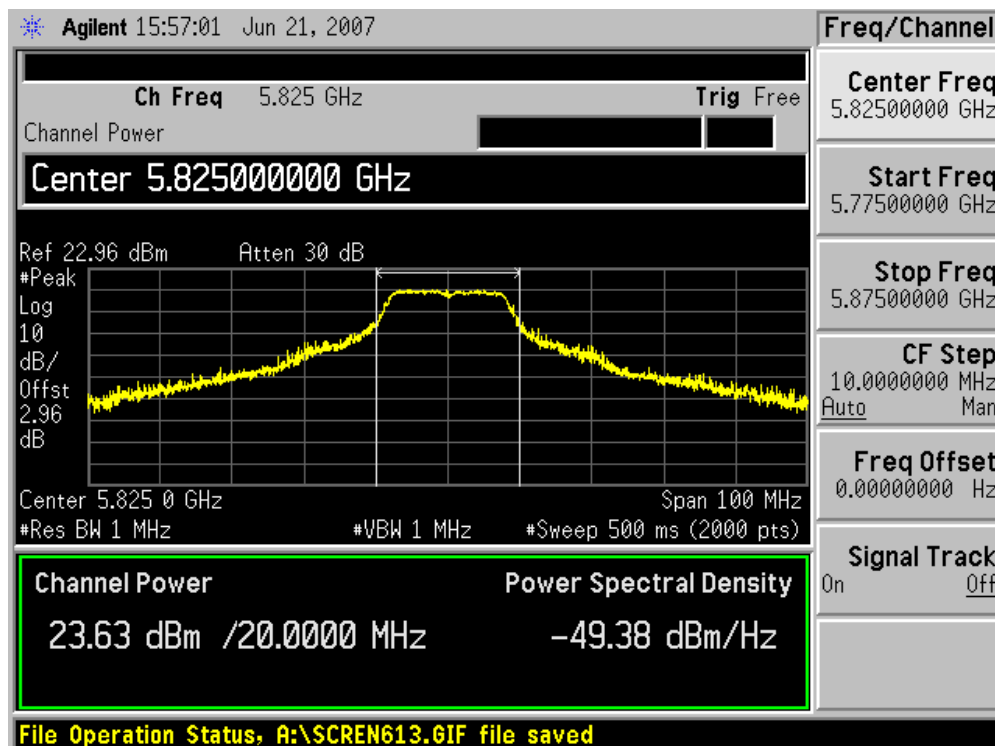
Channel 01 (5475MHz)



Channel 03 (5785MHz)



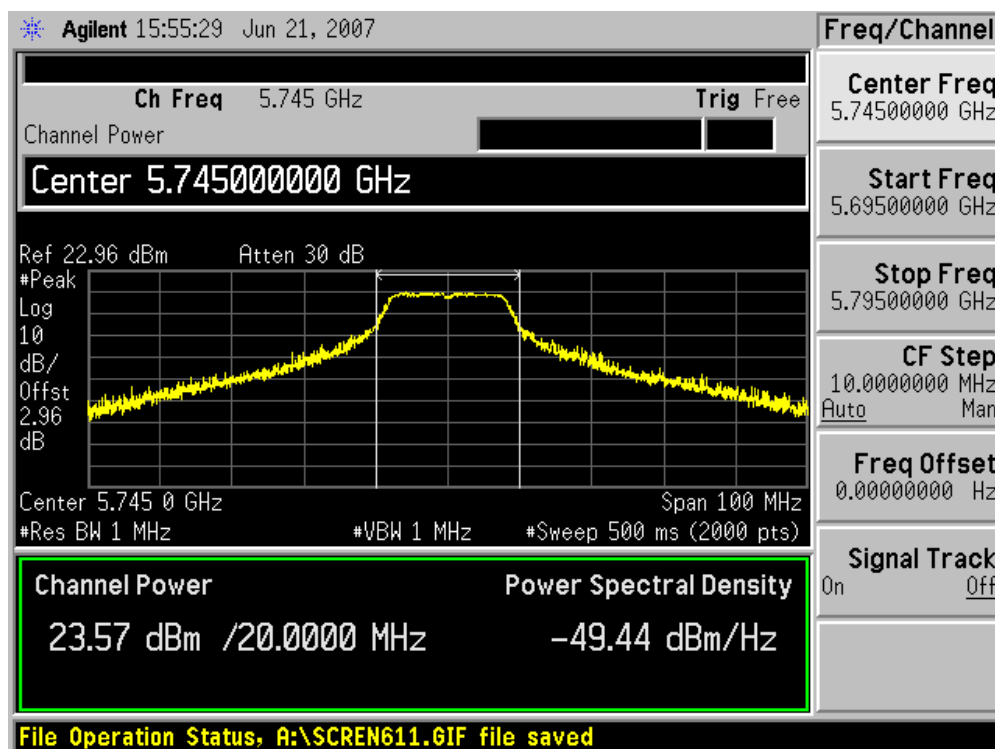
Channel 05 (5825MHz)



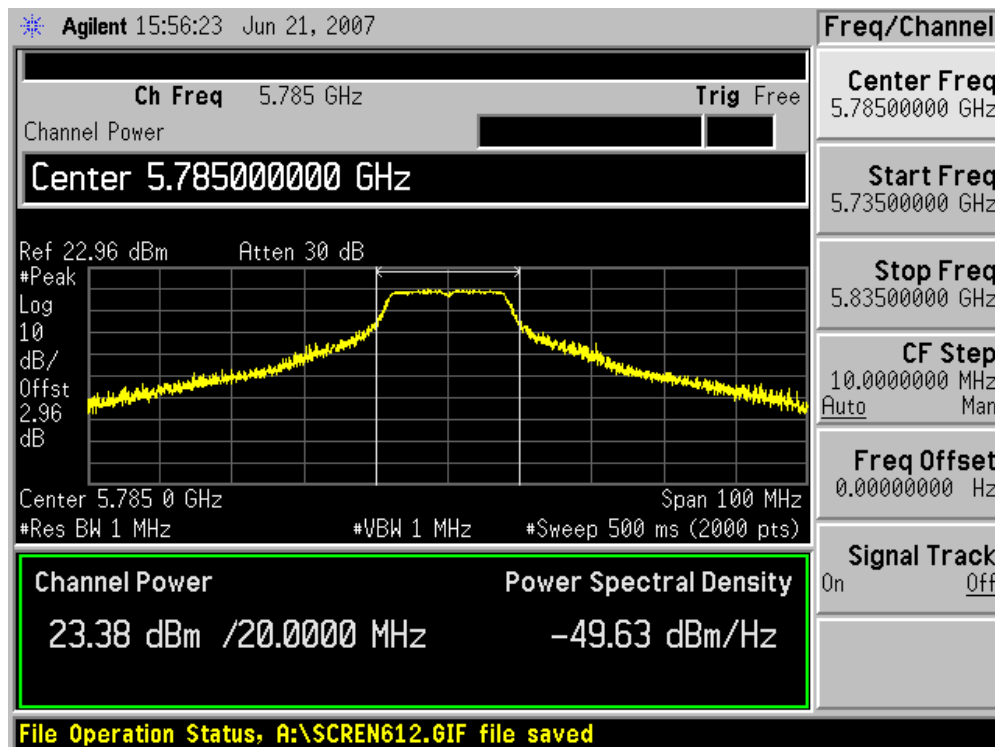
Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Peak Power Output
Test Site	:	AC-3
Test Mode	:	Mode 3: Transmit by 802.11a 7 (dBi Antenna)

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
01	5745.00	23.57	30.00	Pass
03	5785.00	23.38	30.00	Pass
05	5825.00	23.63	30.00	Pass

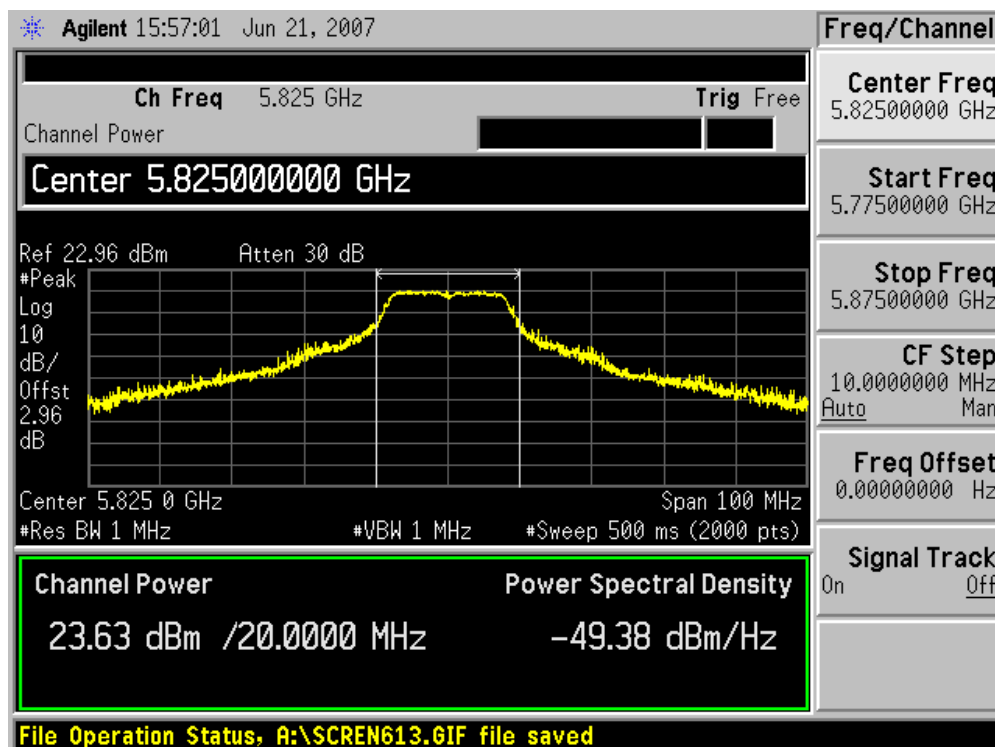
Channel 01 (5475MHz)



Channel 03 (5785MHz)



Channel 05 (5825MHz)



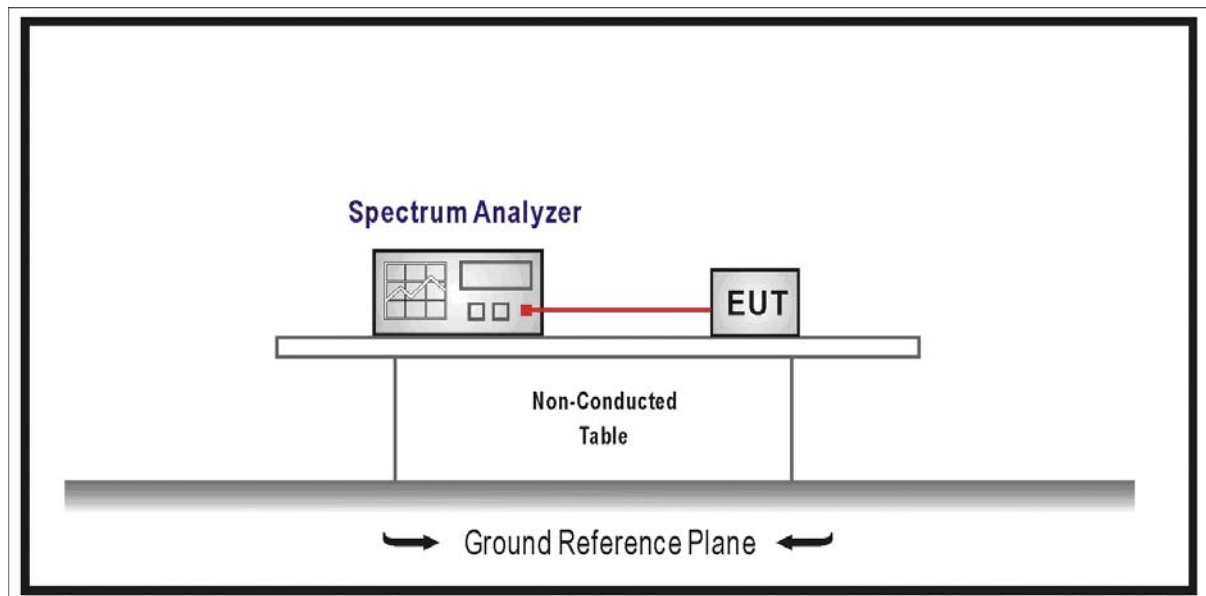
6. Occupied Bandwidth

6.1. Test Equipment

Occupied Bandwidth / AC-3

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2007/06/11
Coaxial Cable	Huber+Suhner	AC3-RF	08	2006/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH003	2007/03/31

6.2. Test Setup



6.3. Limit

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

6.4. Test Procedure

- a) Place the EUT on a bench and set it in transmitting mode.
- b) Connect a low loss RF cable from the antenna port to a spectrum analyzer.
- c) Add a correction factor to the display, and then test.

6.5. Uncertainty

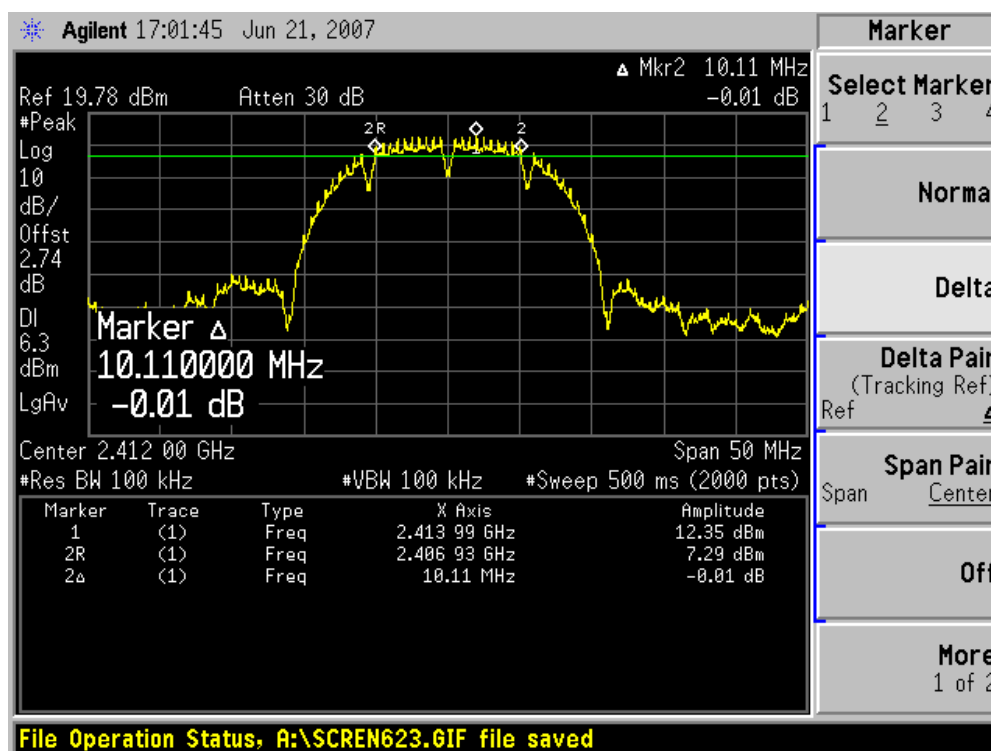
The measurement uncertainty is defined as ± 100 Hz

6.6. Test Result

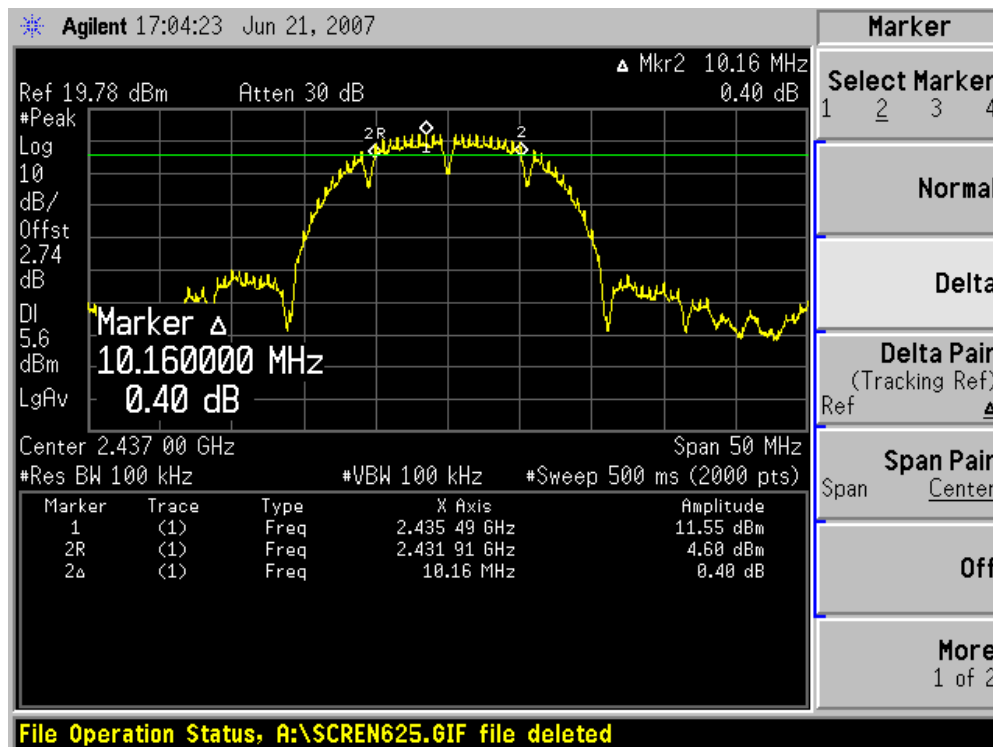
Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Occupied Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 1: Transmit by 802.11b

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	10110	500	Pass
06	2437	10160	500	Pass
11	2462	10160	500	Pass

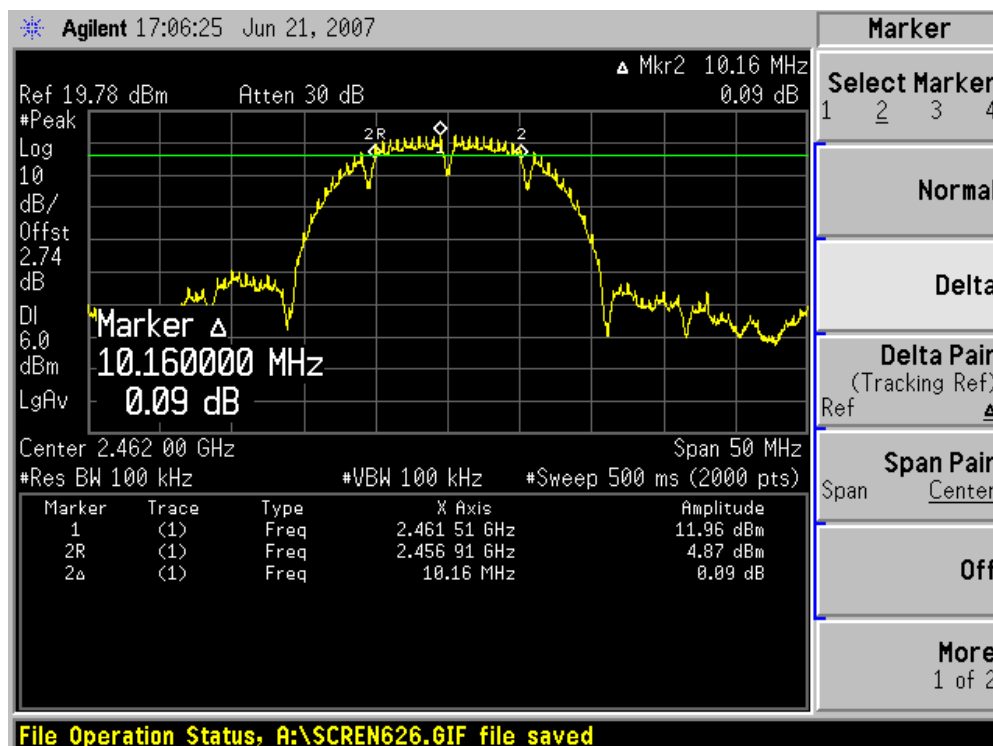
Channel 01 (2412MHz)



Channel 06 (2437MHz)



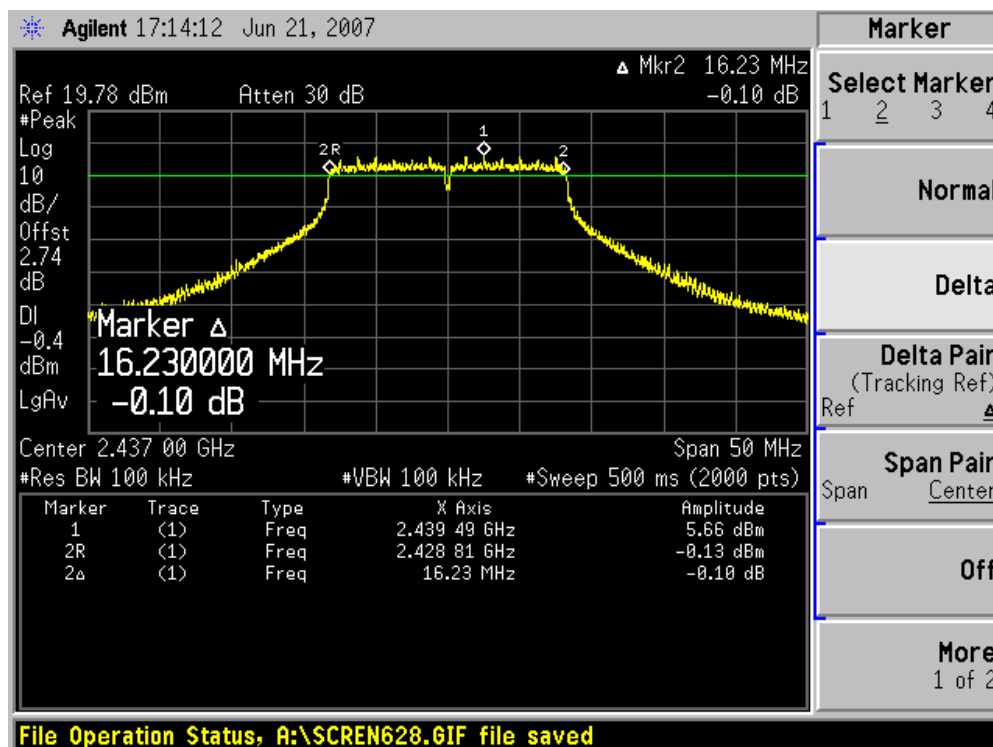
Channel 11 (2462MHz)



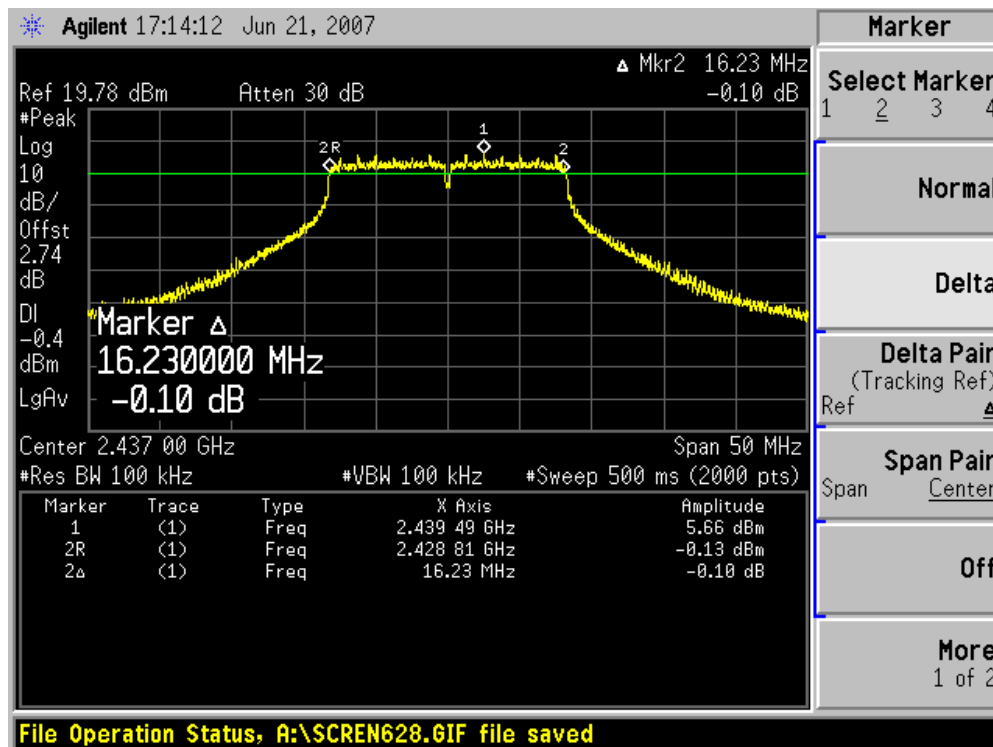
Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Occupied Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by 802.11g

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	16230	500	Pass
06	2437	16230	500	Pass
11	2462	16360	500	Pass

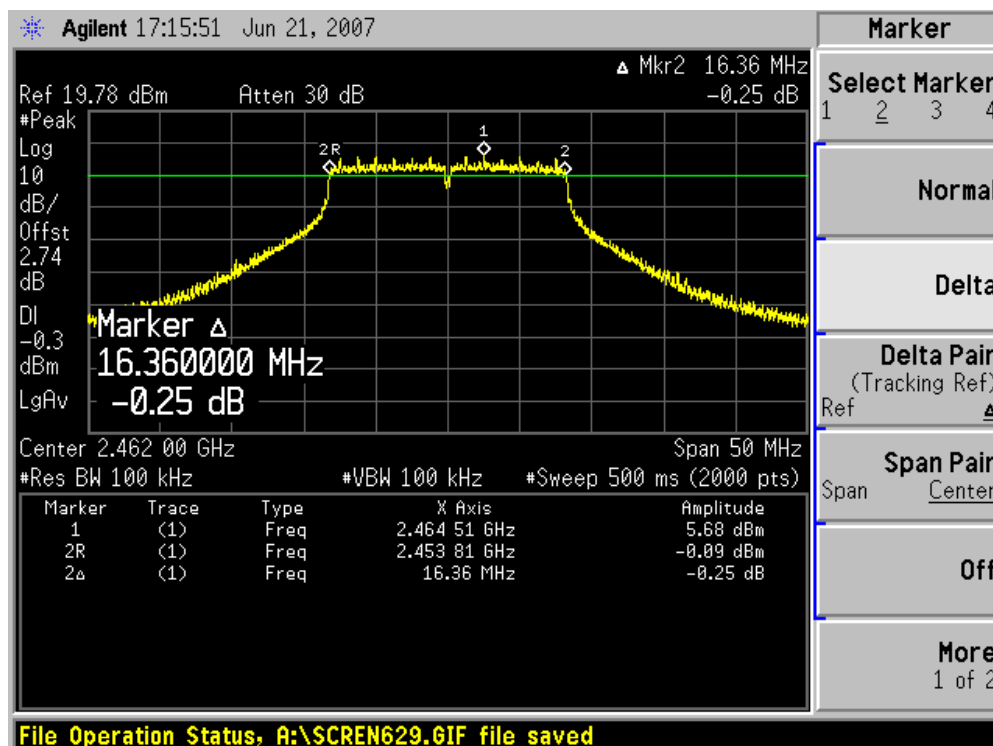
Channel 01 (2412MHz)



Channel 06 (2437MHz)



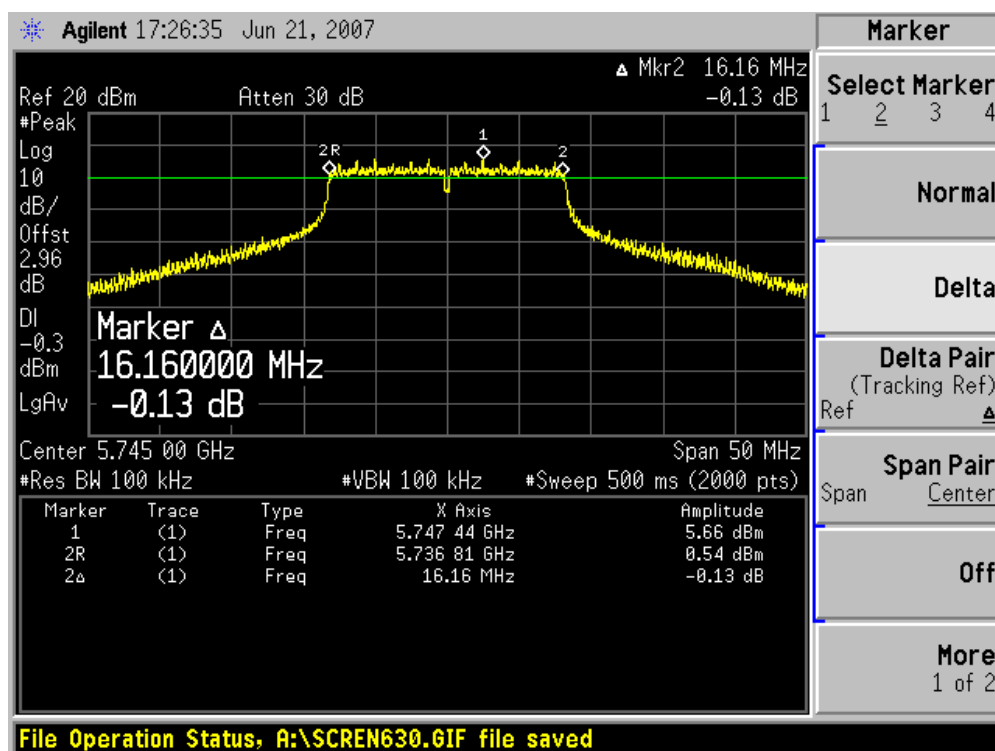
Channel 11 (2462MHz)



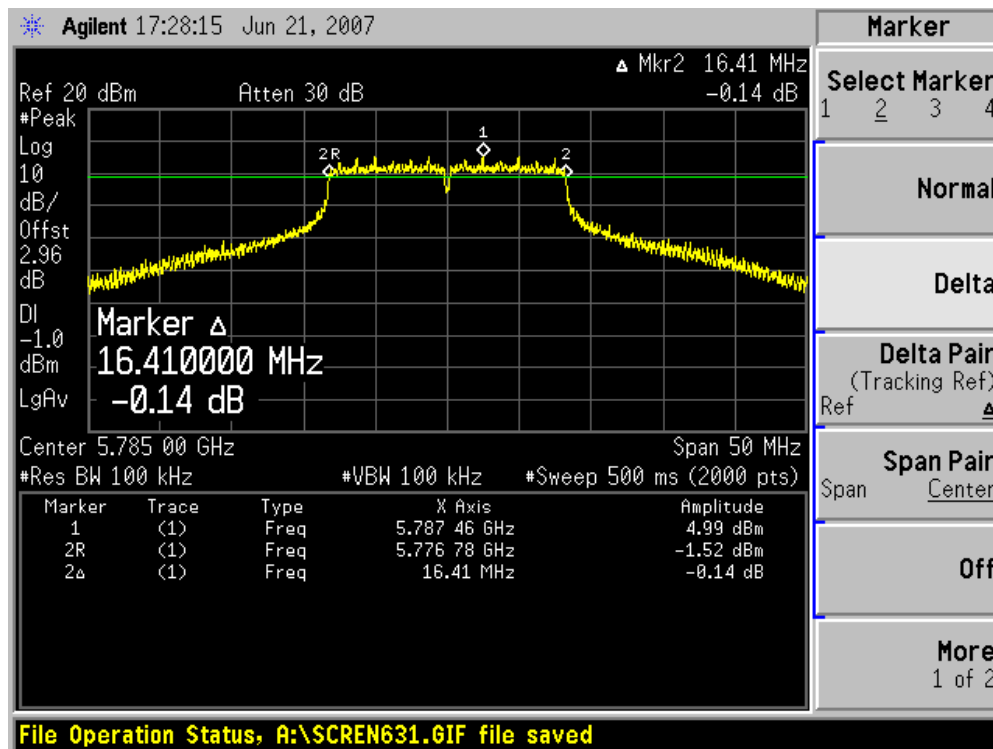
Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Occupied Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 3: Transmit by 802.11a

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	5745	16160	500	Pass
03	5785	16410	500	Pass
05	5825	16080	500	Pass

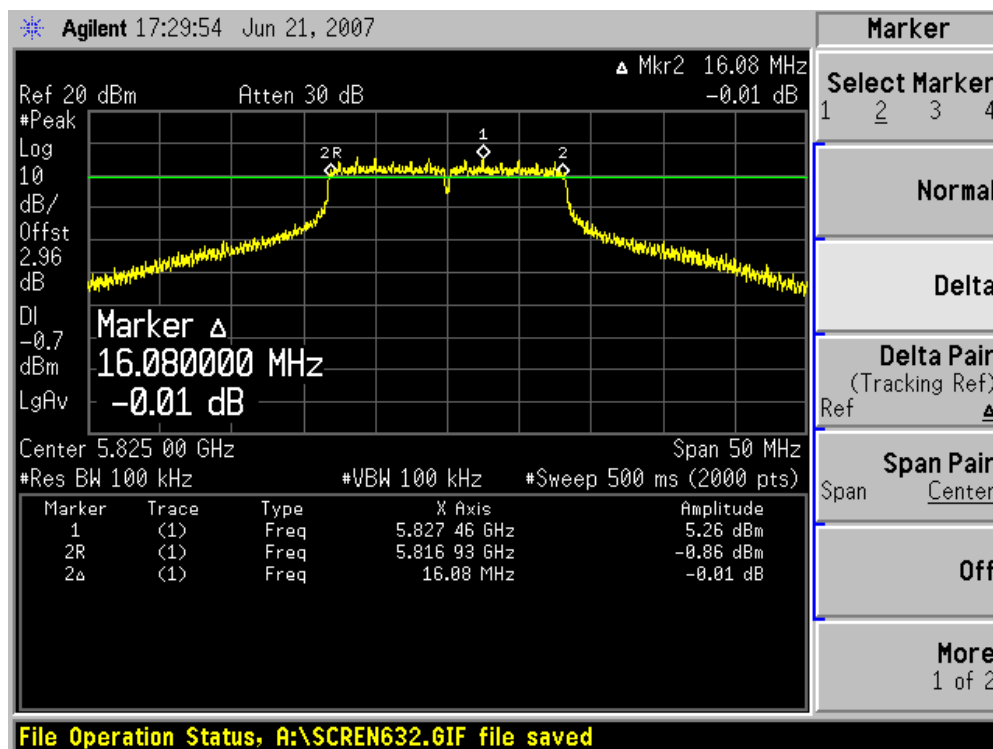
Channel 01 (5745MHz)



Channel 03 (5785MHz)



Channel 05 (5825MHz)



7. Band Edge

7.1. Test Equipment

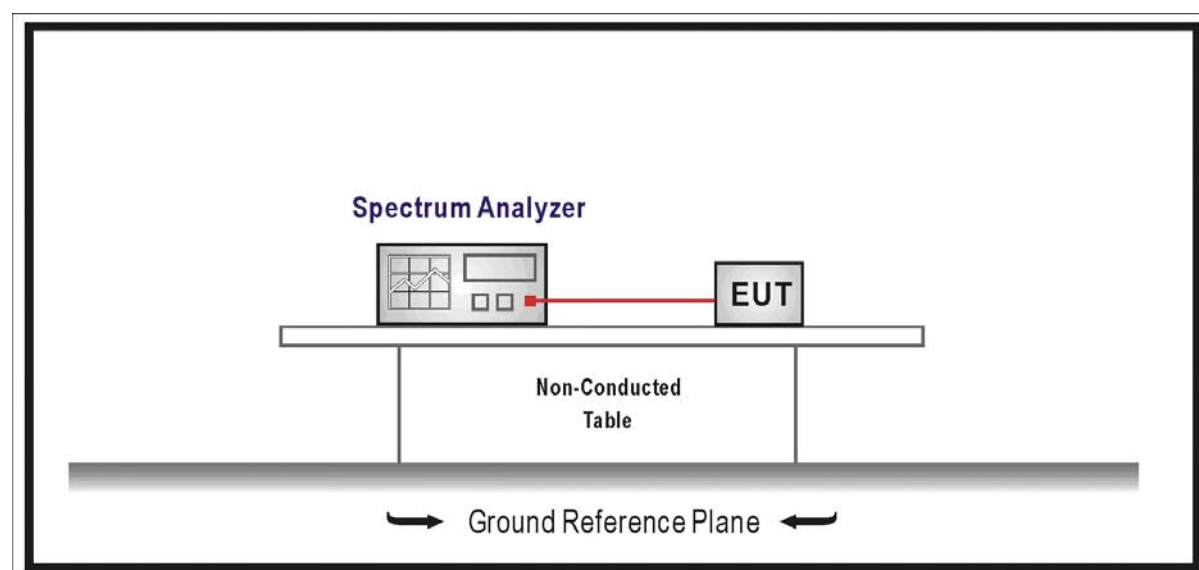
Band Edge / AC-2

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Spectrum Analyzer	Agilent	E4408B	MY45102679	2006/11/20
Preamplifier	Quietek	AP-180C	CHM-0602013	2006/11/25
Bilog Type Antenna	Schaffner	CBL6112B	2932	2006/11/22
*Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2005/11/25
50ohm Coaxial Switch	ANRITSU	MP59B	6200447304	2006/11/25
Coaxial Cable	Huber+Suhner	AC2-C	04	2006/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH002	2007/03/30

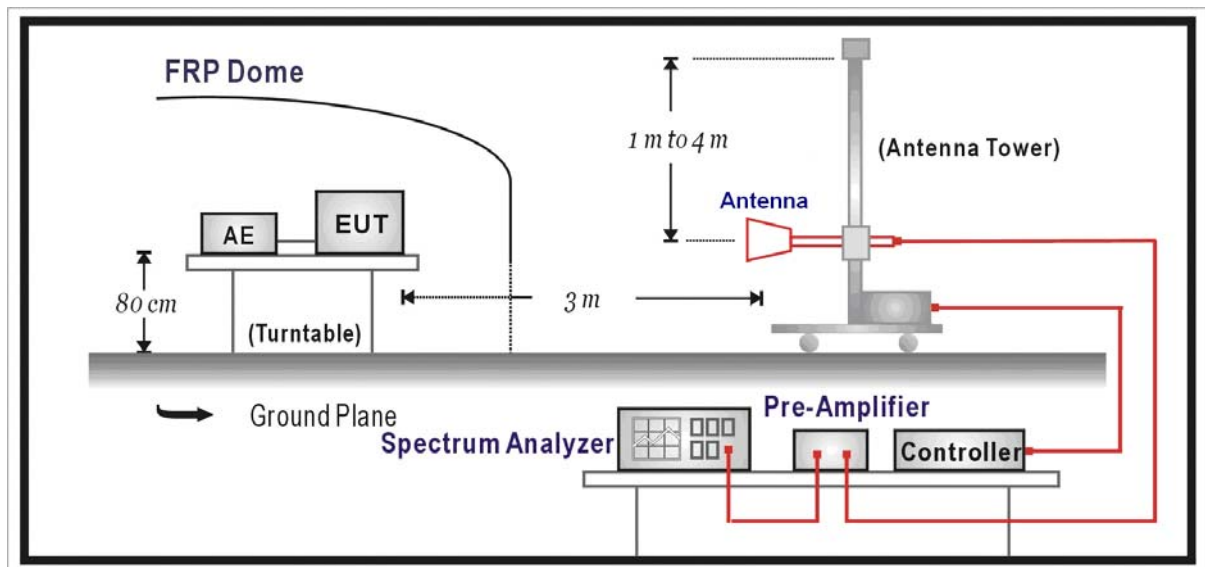
Note: "*" means the test device calibration period for two years.

7.2. Test Setup

RF Conducted Measurement



RF Radiated Measurement



7.3. Limit

For 15.215(C) requirement:

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.

For 15.247(d) requirement:

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

7.4. Test Procedure

For RF Conducted Measurement:

- Place the EUT on a bench and set it in transmitting mode.
- Connect a low loss RF cable from the antenna port to a spectrum analyzer.

c) Add a correction factor to the display, and then test.

For RF Radiated Measurement:

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.

7.5. Uncertainty

For RF Conducted Measurement:

The measurement uncertainty is defined as ± 1.27 dB

For RF Radiated Measurement:

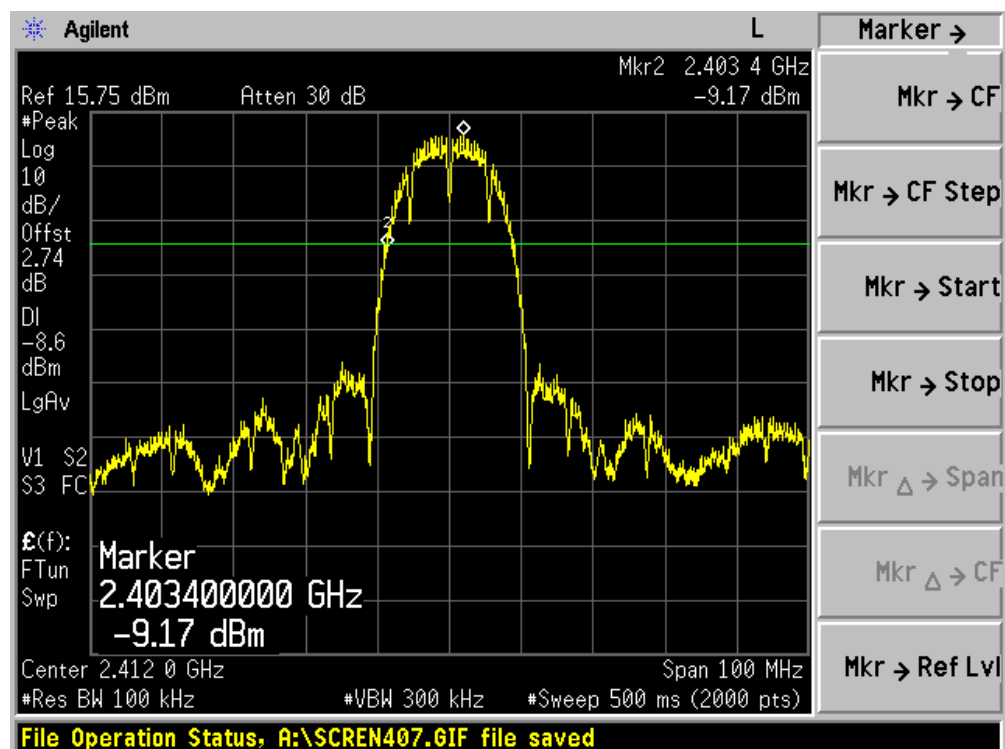
The measurement uncertainty above 1G is defined as ± 3.9 dB

under 1G is defined as ± 3.8 dB

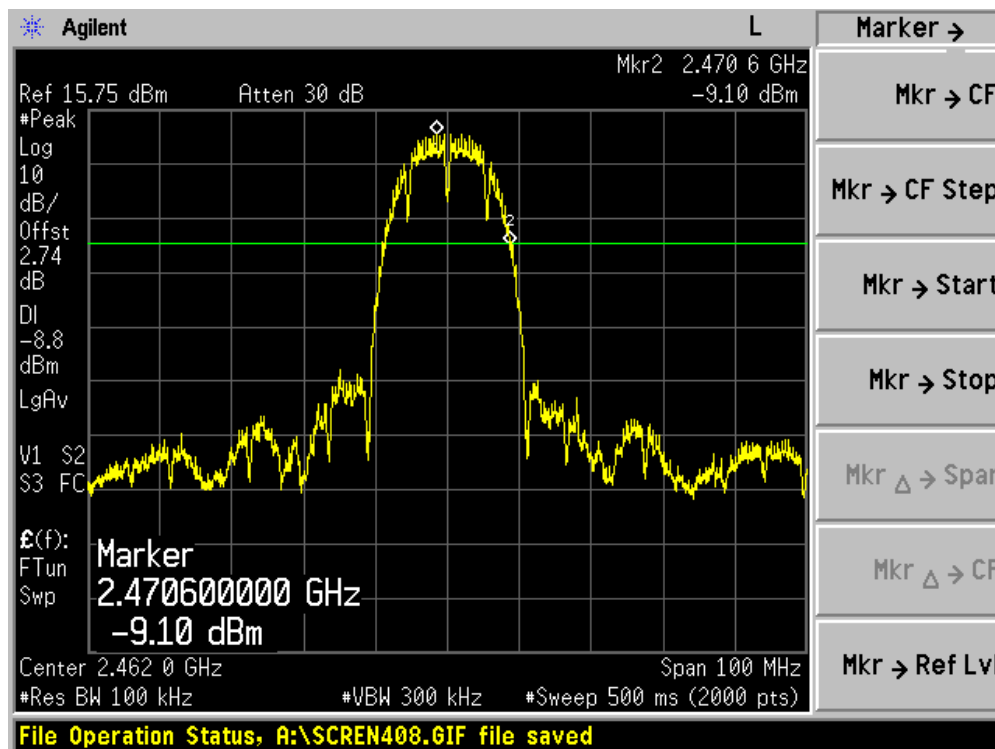
7.6. Test Result

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge (20dBc RF Conducted Measurement)
Test Site	:	AC-3
Test Mode	:	Mode 1: Transmit by 802.11b

Channel 01 (2412MHz)

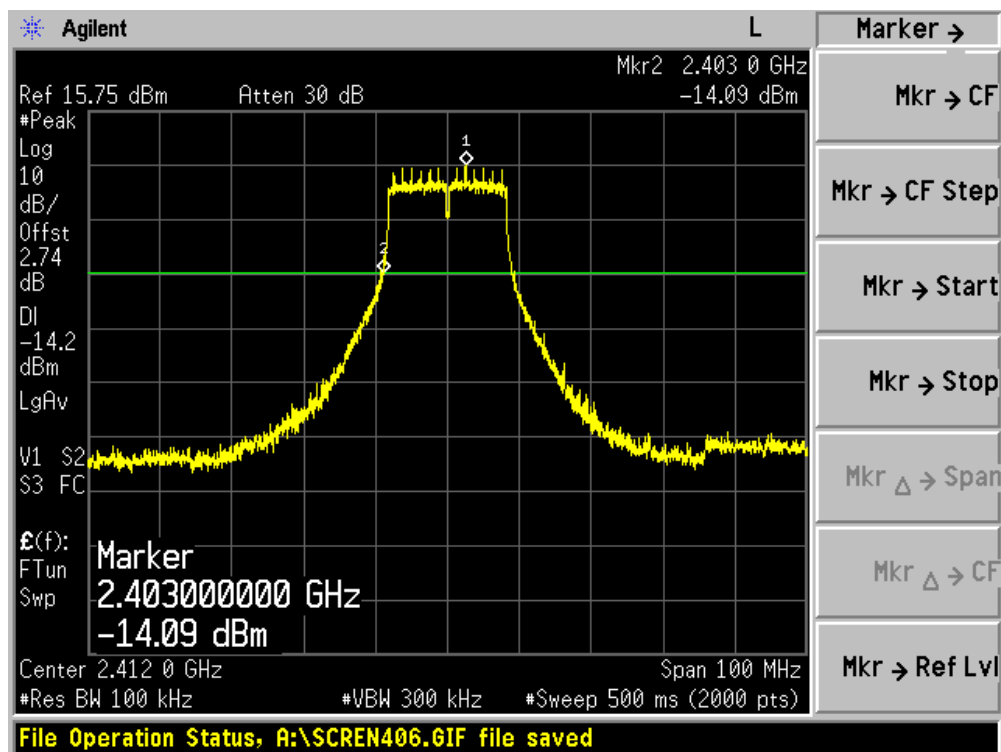


Channel 11 (2462MHz)

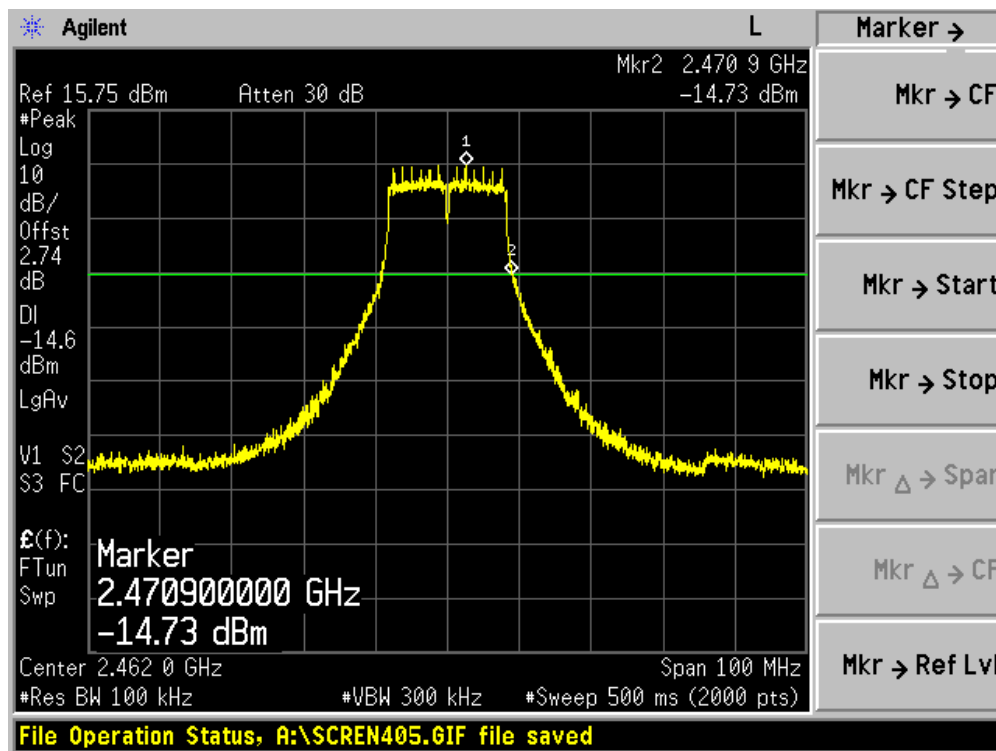


Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge (20dBc Conducted Measurement)
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by 802.11g

Channel 01 (2412MHz)

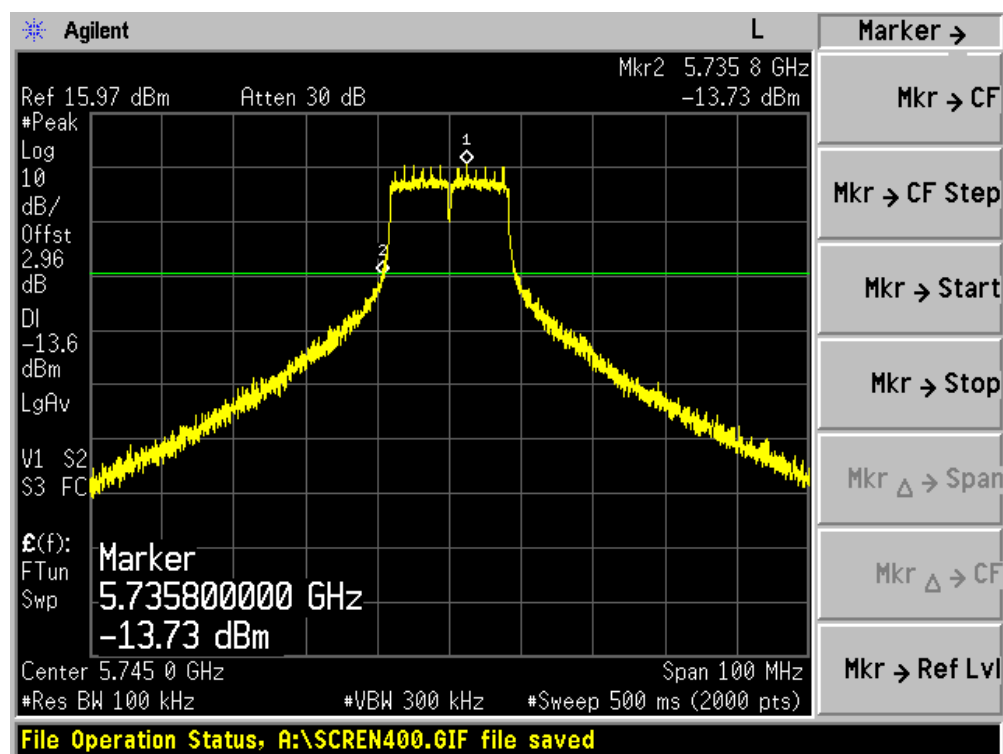


Channel 11 (2462MHz)

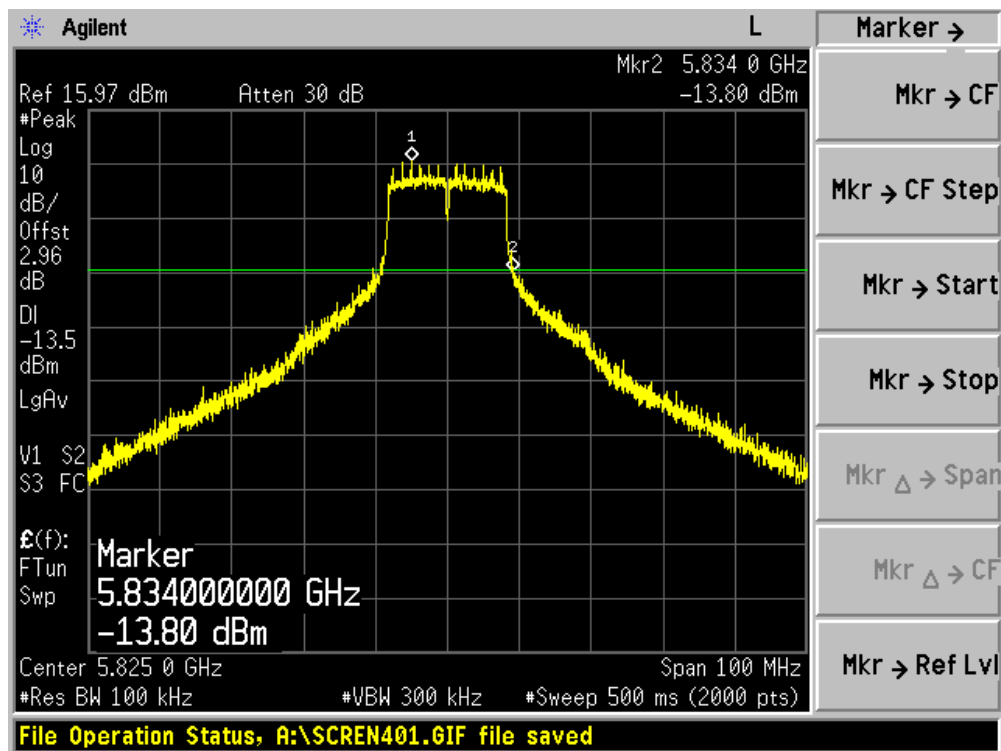


Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge (20dBc Conducted Measurement)
Test Site	:	AC-3
Test Mode	:	Mode 3: Transmit by 802.11a

Channel 01 (5745MHz)



Channel 05 (5825MHz)



Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 1: Transmit by 802.11b (2412MHz) 19dBi

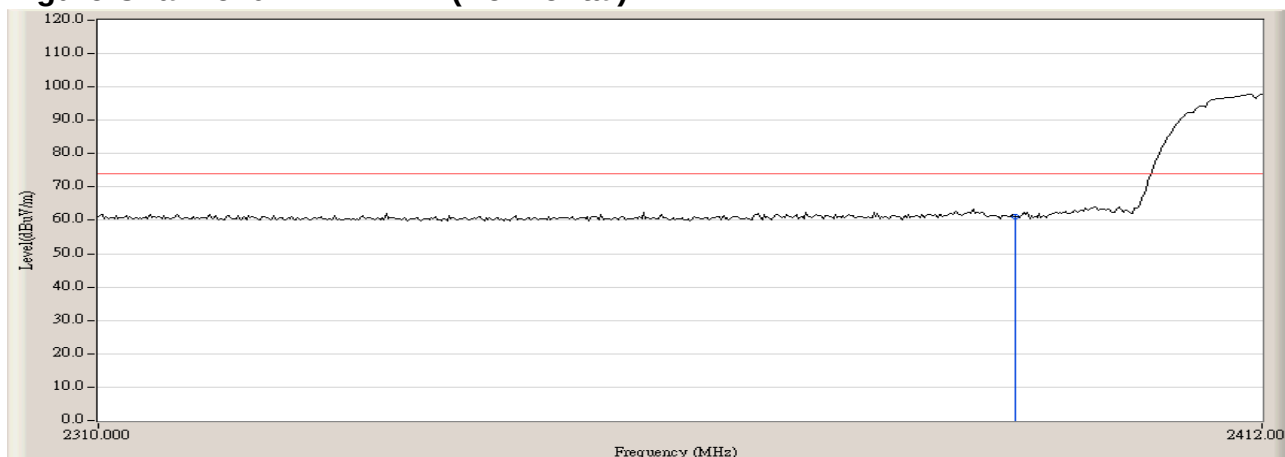
RF Radiated Measurement:

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

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2390.000	27.524	61.156	74.00	--	Pass
01 (Average)	2390.000	16.971	50.603	--	54.00	Pass

Figure Channel 01: 2412MHz (Horizontal)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 1: Transmit by 802.11b (2412MHz) 19dBi

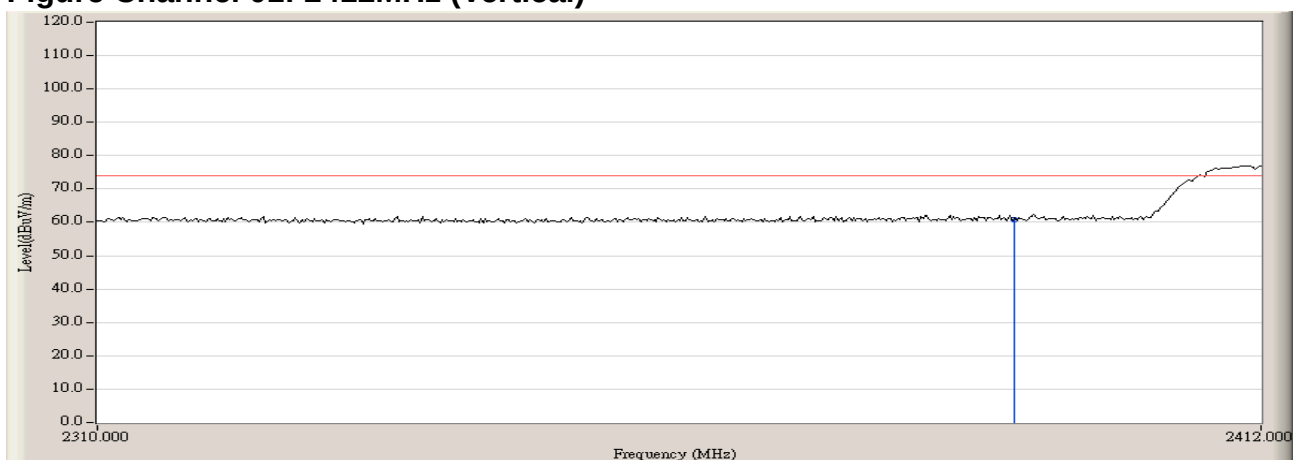
RF Radiated Measurement:

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

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2390.000	27.312	60.944	74.00	--	Pass
00 (Average)	2390.000	16.527	50.159	--	54.00	Pass

Figure Channel 01: 2412MHz (Vertical)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 1: Transmit by 802.11b (2462MHz) 19dBi

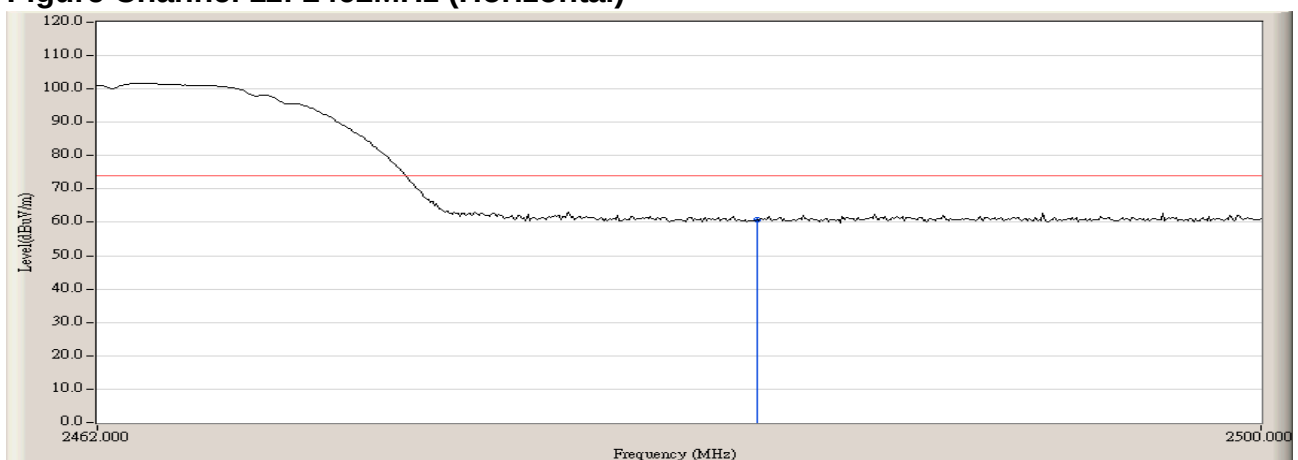
RF Radiated Measurement:

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

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2483.500	27.002	60.705	74.00	--	Pass
00 (Average)	2483.500	16.326	50.029	--	54.00	Pass

Figure Channel 11: 2462MHz (Horizontal)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 1: Transmit by 802.11b (2462MHz) 19dBi

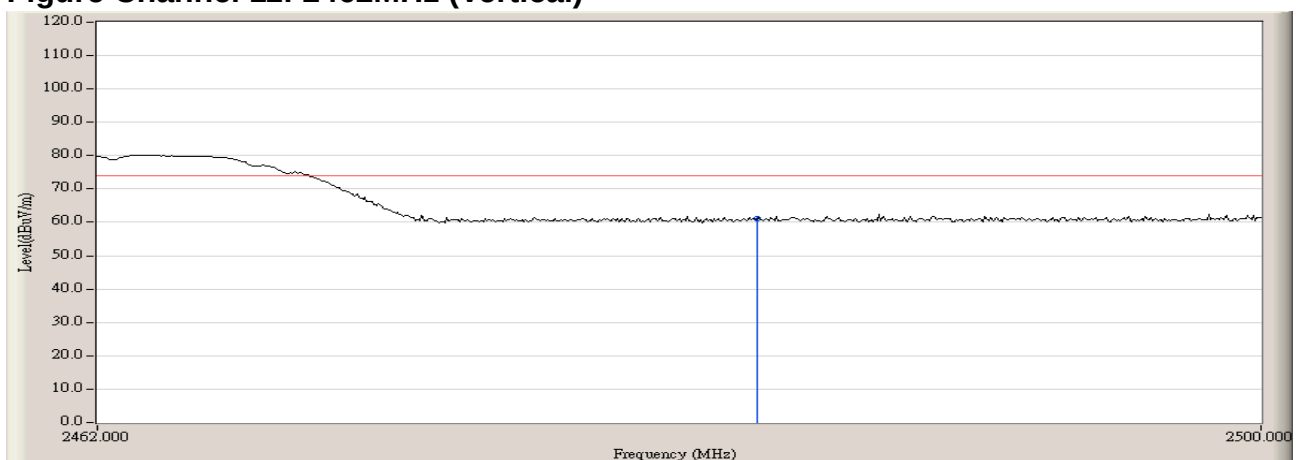
RF Radiated Measurement:

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

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2483.500	27.364	61.067	74.00	--	Pass
00 (Average)	2483.500	16.100	49.803	--	54.00	Pass

Figure Channel 11: 2462MHz (Vertical)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 1: Transmit by 802.11b (2412MHz) 4.5dBi

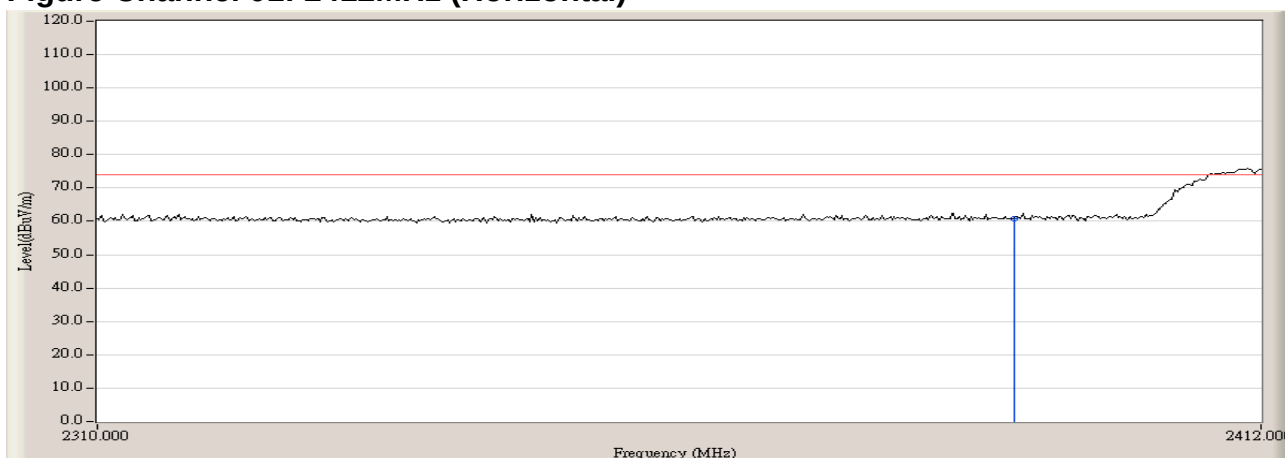
RF Radiated Measurement:

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

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2390.000	27.319	60.951	74.00	--	Pass
00 (Average)	2390.000	16.425	50.057	--	54.00	Pass

Figure Channel 01: 2412MHz (Horizontal)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 1: Transmit by 802.11b (2412MHz) 4.5dBi

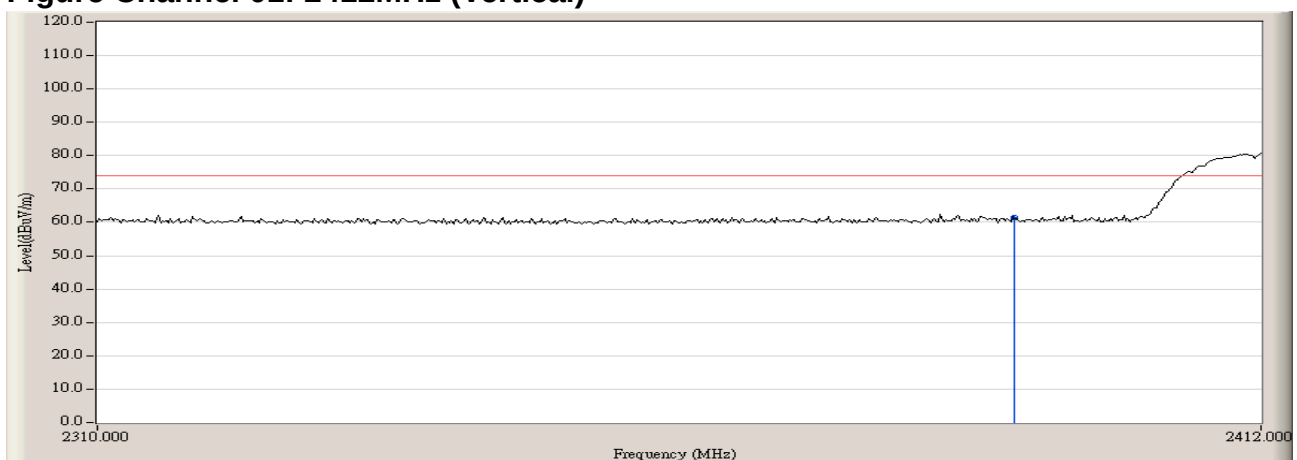
RF Radiated Measurement:

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

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2390.000	27.675	61.307	74.00	--	Pass
00 (Average)	2390.000	16.576	50.208	--	54.00	Pass

Figure Channel 01: 2412MHz (Vertical)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 1: Transmit by 802.11b (2462MHz) 4.5dBi

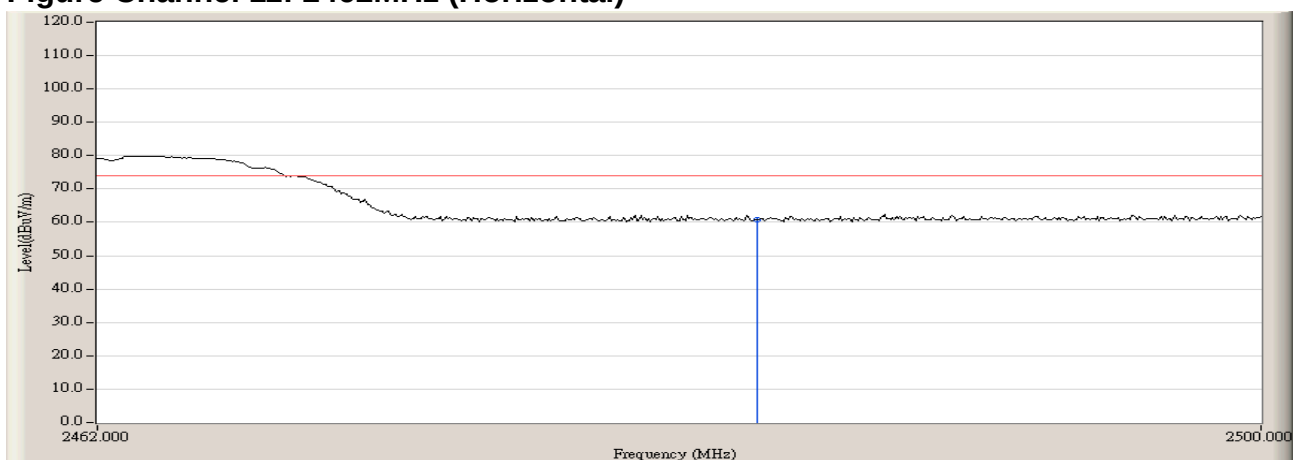
RF Radiated Measurement:

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

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2483.500	27.183	60.886	74.00	--	Pass
00 (Average)	2483.500	16.137	49.840	--	54.00	Pass

Figure Channel 11: 2462MHz (Horizontal)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 1: Transmit by 802.11b (2462MHz) 4.5dBi

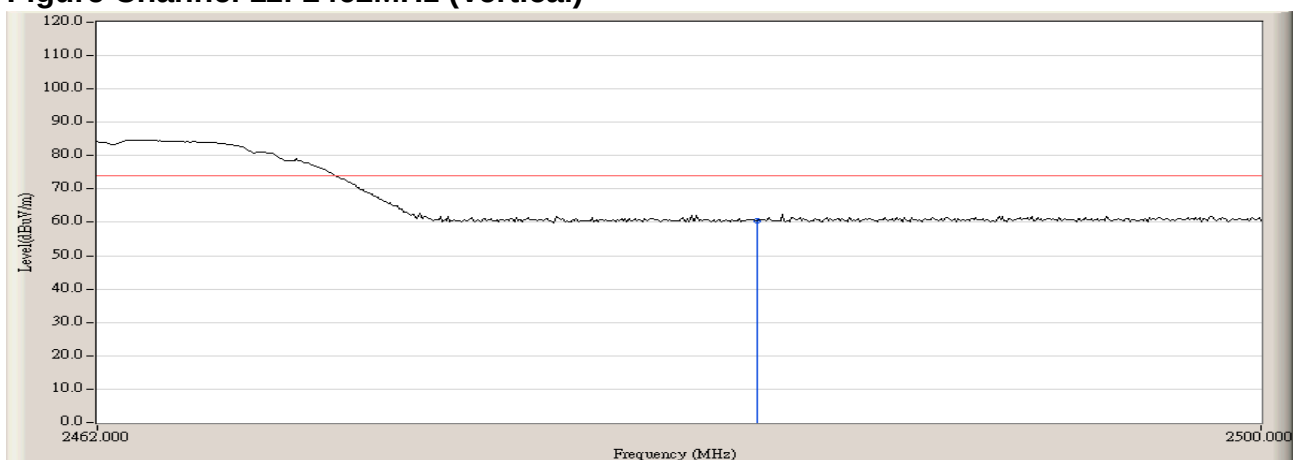
RF Radiated Measurement:

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

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2483.500	26.924	60.627	74.00	--	Pass
00 (Average)	2483.500	16.116	49.819	--	54.00	Pass

Figure Channel 11: 2462MHz (Vertical)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 2: Transmit by 802.11g (2412MHz) 19dBi

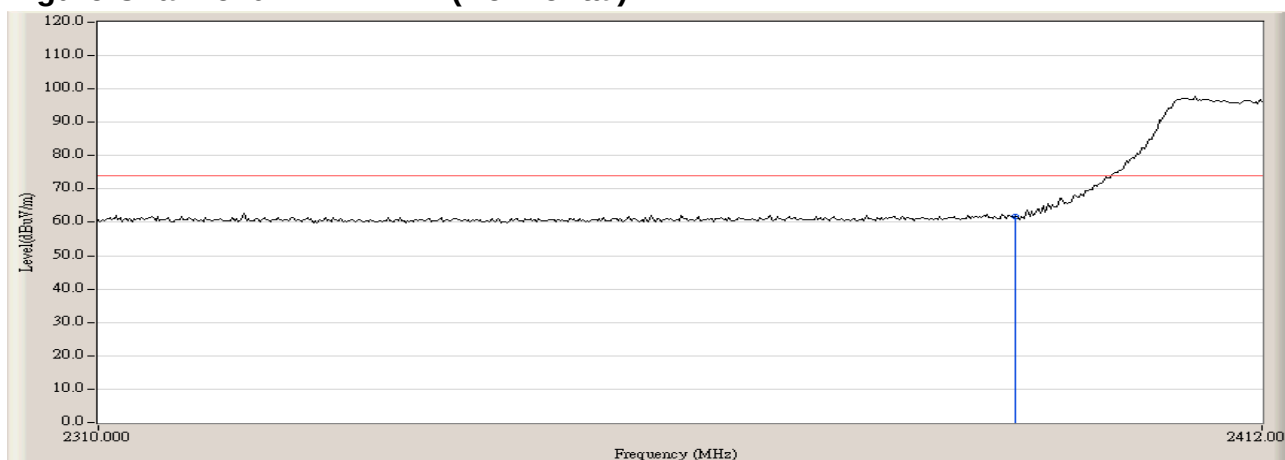
RF Radiated Measurement:

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

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2390.000	28.094	61.726	74.00	--	Pass
00 (Average)	2390.000	17.211	50.843	--	54.00	Pass

Figure Channel 01: 2412MHz (Horizontal)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 2: Transmit by 802.11g (2412MHz) 19dBi

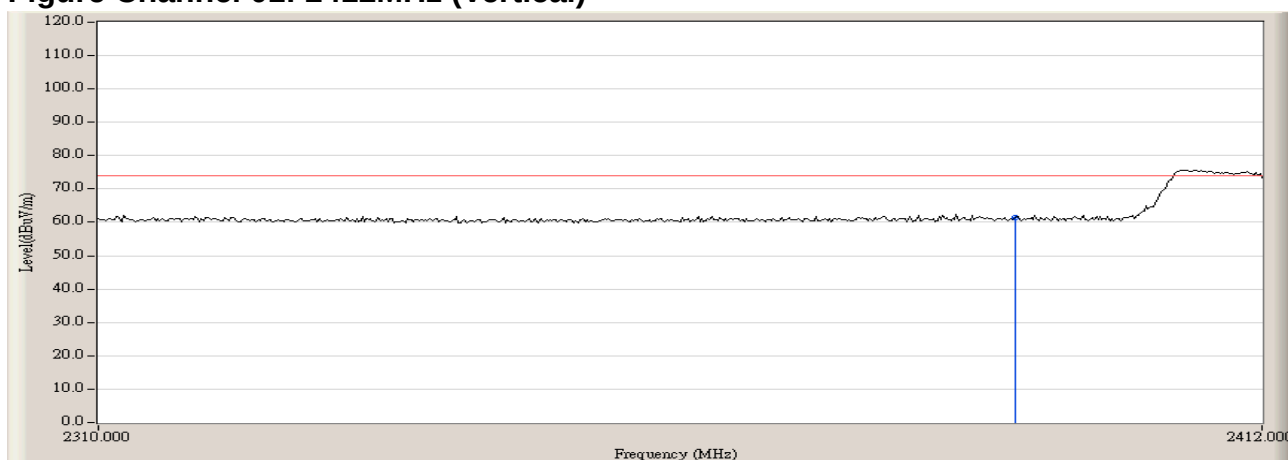
RF Radiated Measurement:

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

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2390.000	27.745	61.377	74.00	--	Pass
00 (Average)	2390.000	16.550	50.182	--	54.00	Pass

Figure Channel 01: 2412MHz (Vertical)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 2: Transmit by 802.11g (2462MHz) 19dBi

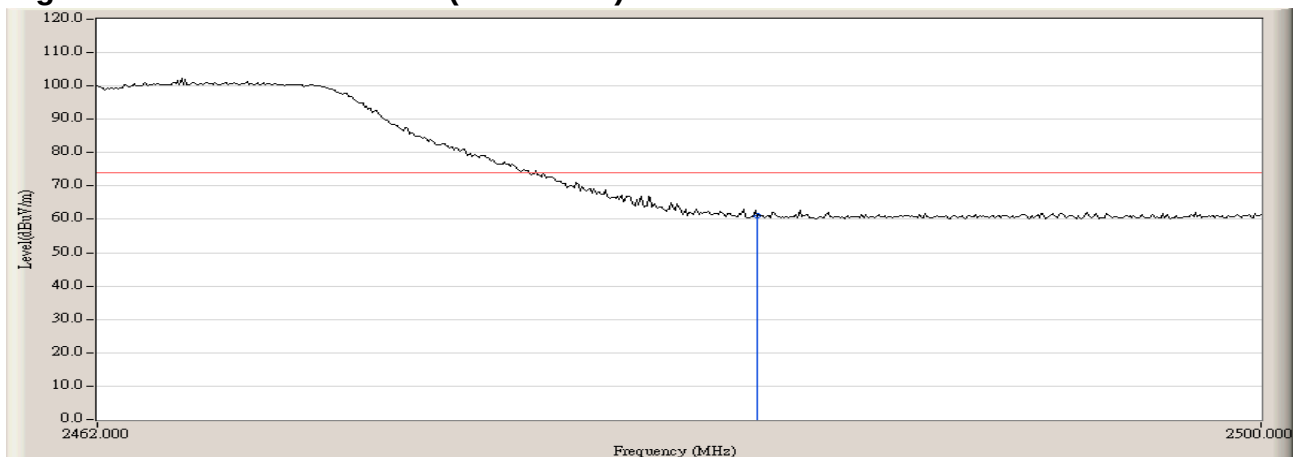
RF Radiated Measurement:

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

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2483.500	27.301	61.004	74.00	--	Pass
00 (Average)	2483.500	16.779	50.482	--	54.00	Pass

Figure Channel 11: 2462MHz (Horizontal)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 2: Transmit by 802.11g (2462MHz) 19dBi

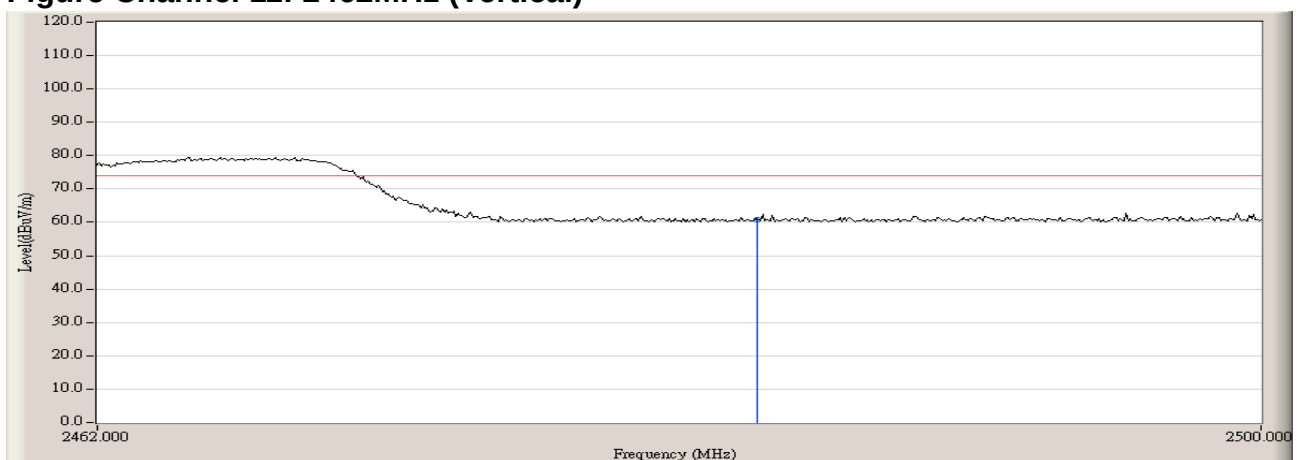
RF Radiated Measurement:

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

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2483.500	27.157	60.860	74.00	--	Pass
00 (Average)	2483.500	16.146	49.849	--	54.00	Pass

Figure Channel 11: 2462MHz (Vertical)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 2: Transmit by 802.11g (2412MHz) 4.5dBi

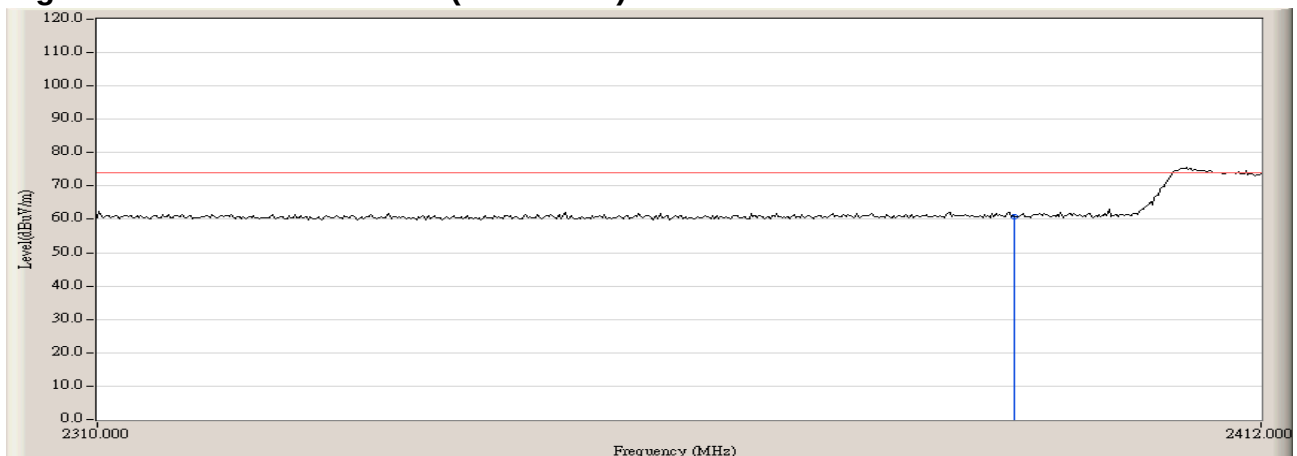
RF Radiated Measurement:

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

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2390.000	27.271	60.903	74.00	--	Pass
00 (Average)	2390.000	16.514	50.146	--	54.00	Pass

Figure Channel 01: 2412MHz (Horizontal)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 2: Transmit by 802.11g (2412MHz) 4.5dBi

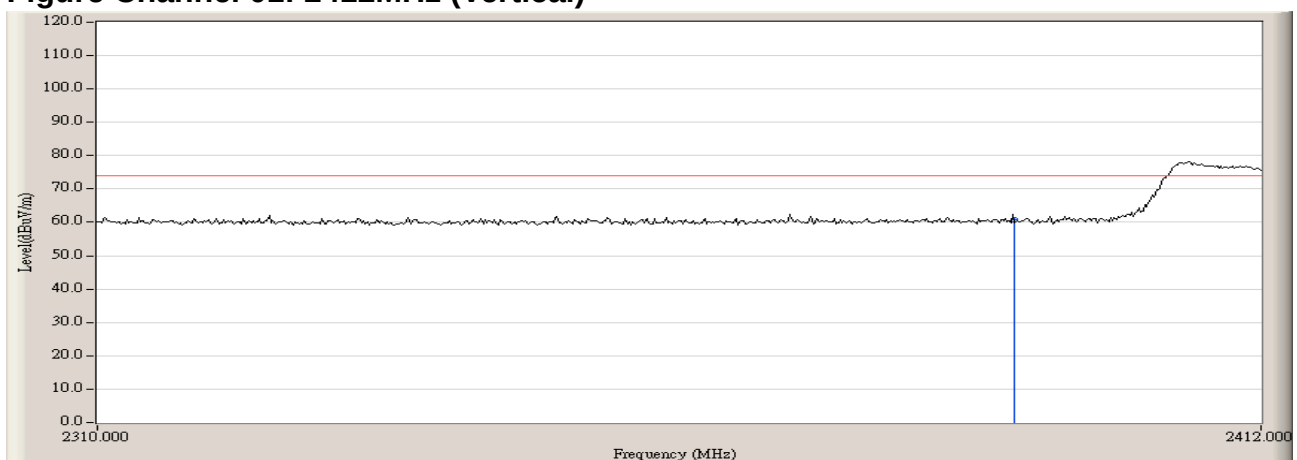
RF Radiated Measurement:

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

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2390.000	27.288	60.920	74.00	--	Pass
00 (Average)	2390.000	16.510	50.142	--	54.00	Pass

Figure Channel 01: 2412MHz (Vertical)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 2: Transmit by 802.11g (2462MHz) 4.5dBi

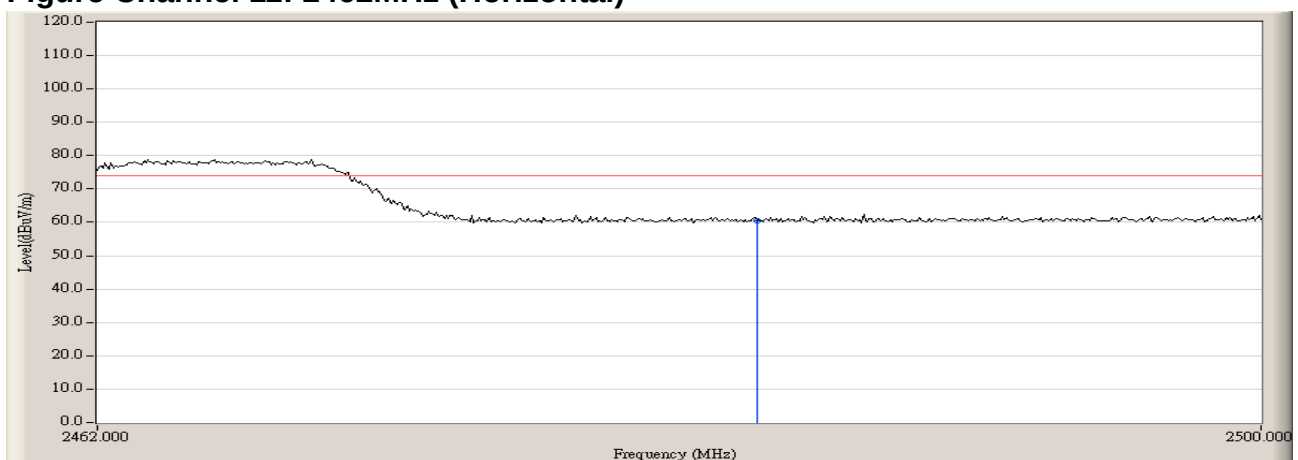
RF Radiated Measurement:

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

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2483.500	26.889	60.592	74.00	--	Pass
00 (Average)	2483.500	16.133	49.836	--	54.00	Pass

Figure Channel 11: 2462MHz (Horizontal)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 2: Transmit by 802.11g (2462MHz) 4.5dBi

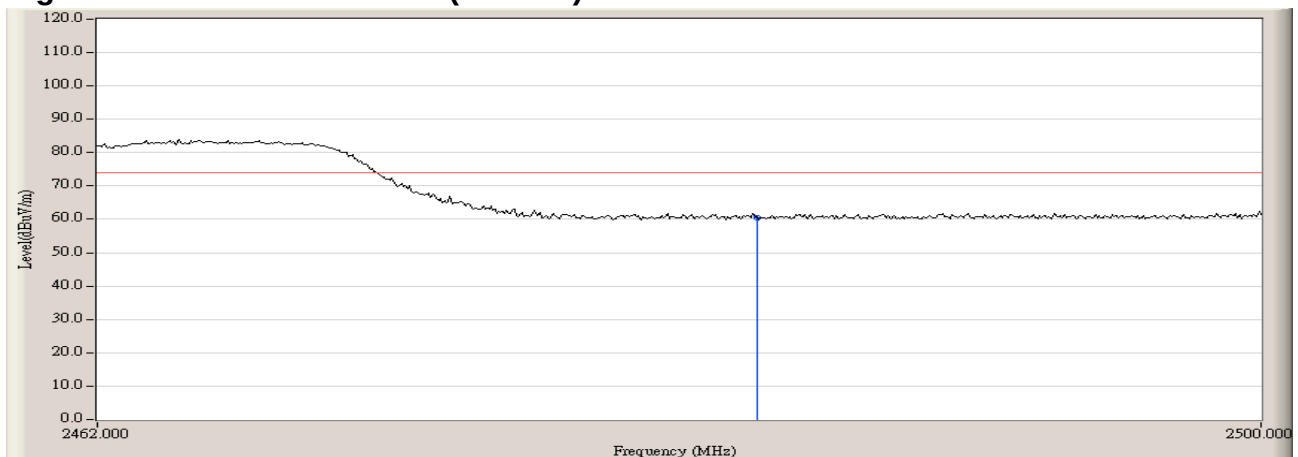
RF Radiated Measurement:

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

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2483.500	26.674	60.377	74.00	--	Pass
00 (Average)	2483.500	16.034	49.737	--	54.00	Pass

Figure Channel 11: 2462MHz (Vertical)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 3: Transmit by 802.11a (5745MHz) 23dBi

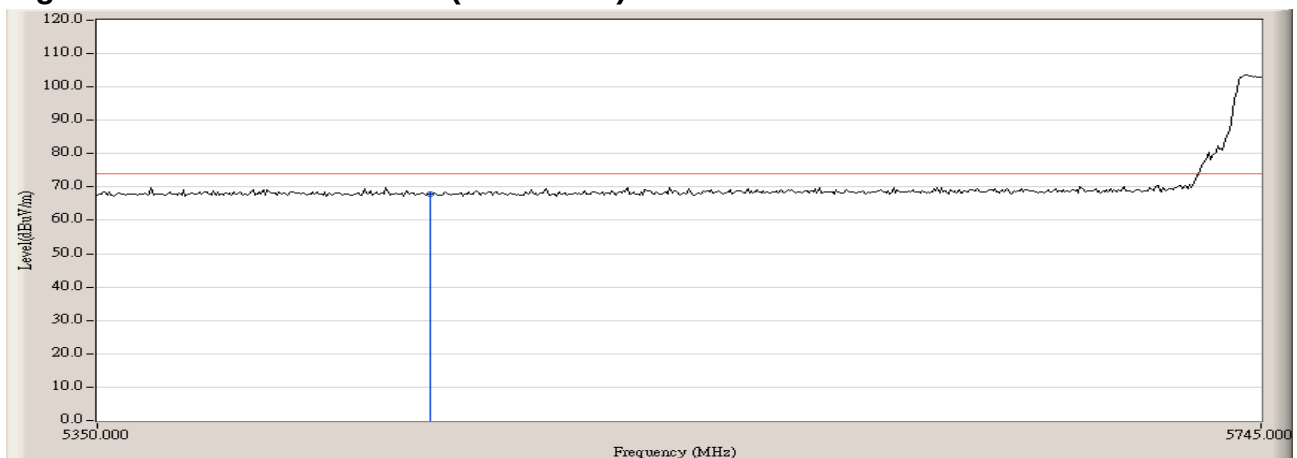
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	<5725	>20	Pass

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	5460.000	27.066	68.007	74.00	--	Pass
00 (Average)	5460.000	36.393	42.811	--	54.00	Pass

Figure Channel 01: 5745MHz (Horizontal)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 3: Transmit by 802.11a (5745MHz) 23dBi

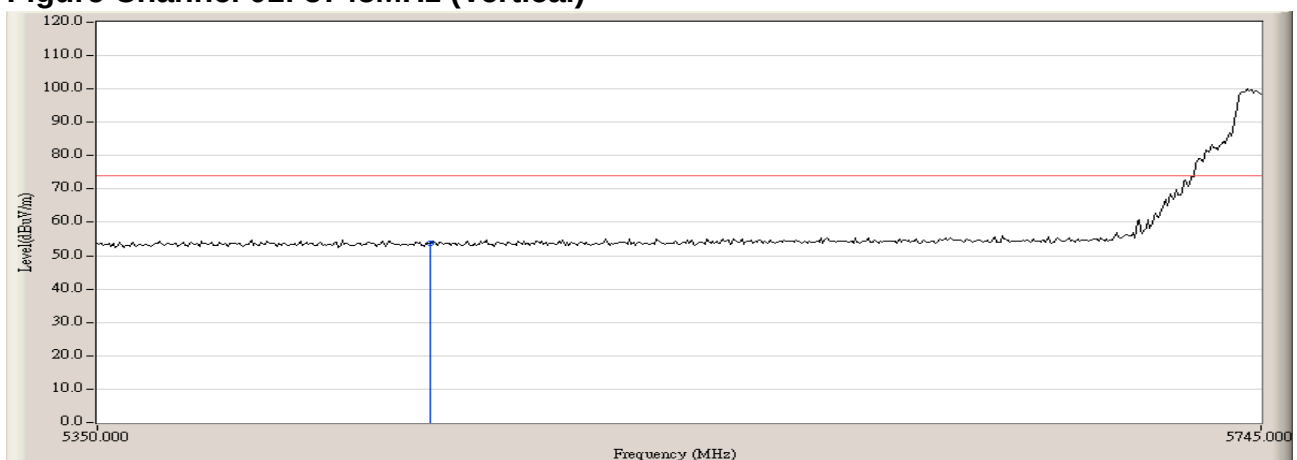
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	<5725	>20	Pass

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	5460.000	47.468	53.886	74.00	--	Pass
00 (Average)	5460.000	36.368	42.786	--	54.00	Pass

Figure Channel 01: 5745MHz (Vertical)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 3: Transmit by 802.11a (5825MHz) 23dBi

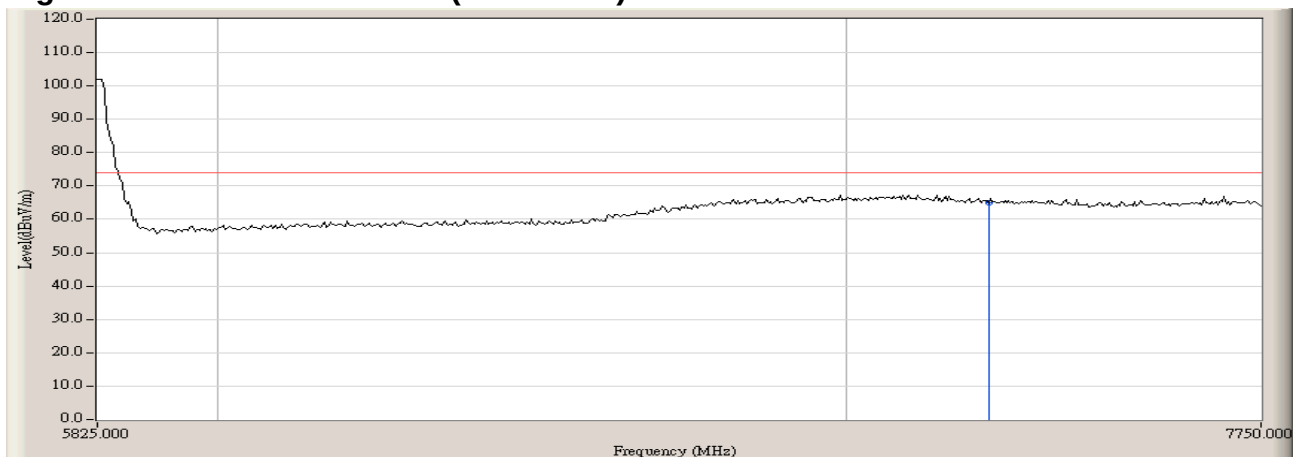
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
05	>5825	>20	Pass

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	7250.000	49.589	64.976	74.00	--	Pass
00 (Average)	7250.000	28.787	44.174	--	54.00	Pass

Figure Channel 05: 5825MHz (Horizontal)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 3: Transmit by 802.11a (5825MHz) 23dBi

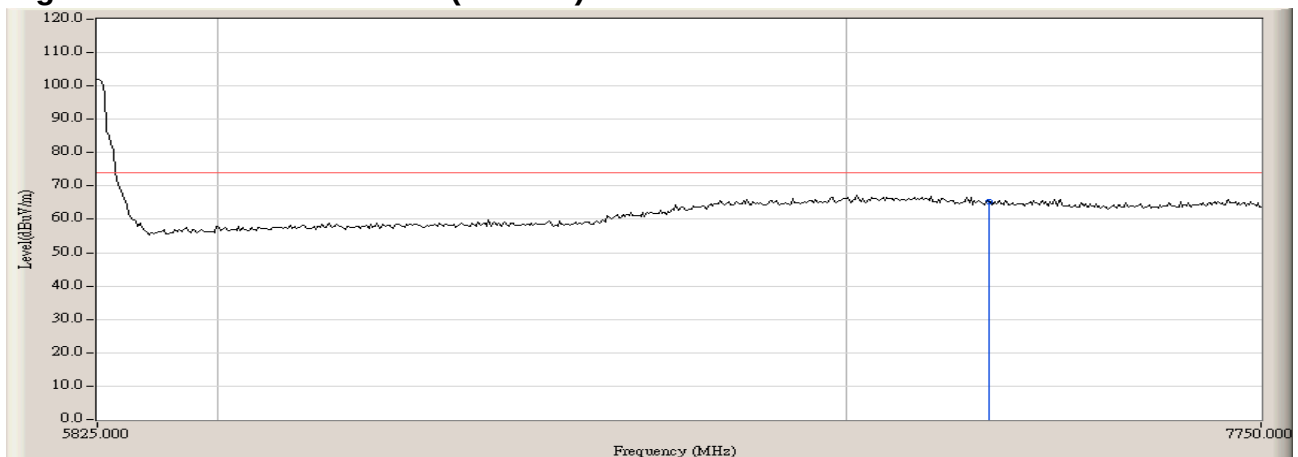
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
05	>5825	>20	Pass

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	7250.000	49.905	65.292	74.00	--	Pass
00 (Average)	7250.000	29.199	44.586	--	54.00	Pass

Figure Channel 05: 5825MHz (Vertical)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 3: Transmit by 802.11a (5745MHz) 7dBi

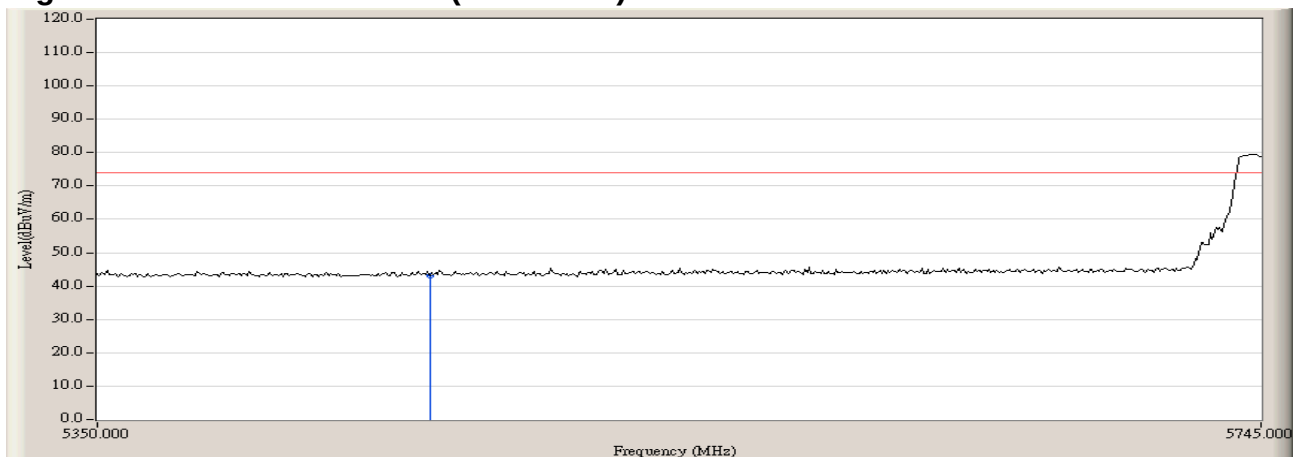
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	<5725	>20	Pass

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	5460.000	36.791	43.209	74.00	--	Pass
00 (Average)	5460.000	26.296	32.714	--	54.00	Pass

Figure Channel 01: 5745MHz (Horizontal)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 3: Transmit by 802.11a (5745MHz) 7dBi

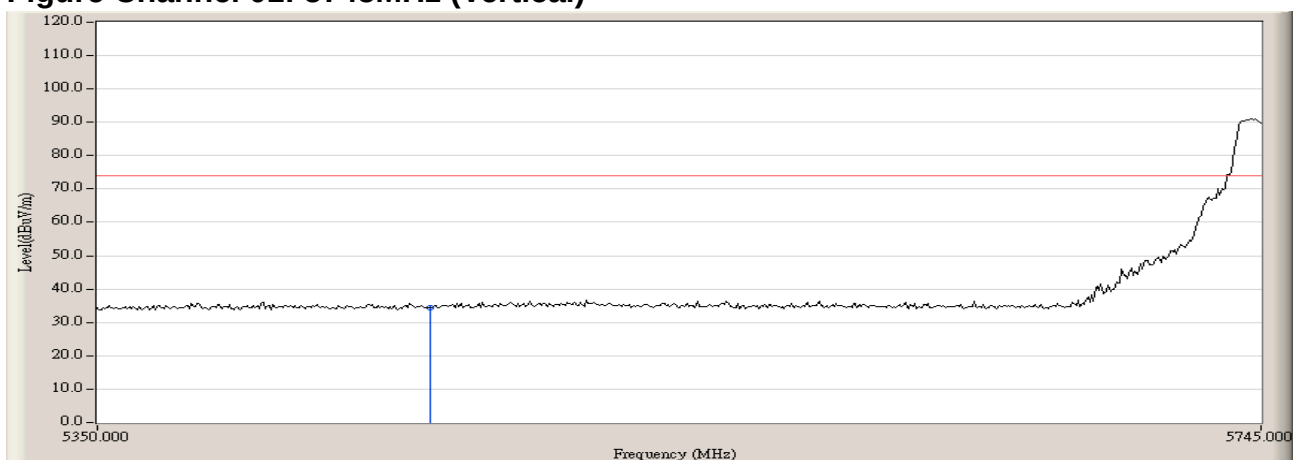
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
01	<5725	>20	Pass

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	5460.000	27.995	34.413	74.00	--	Pass
00 (Average)	5460.000	16.912	23.330	--	54.00	Pass

Figure Channel 01: 5745MHz (Vertical)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 3: Transmit by 802.11a (5825MHz, 7dBi)

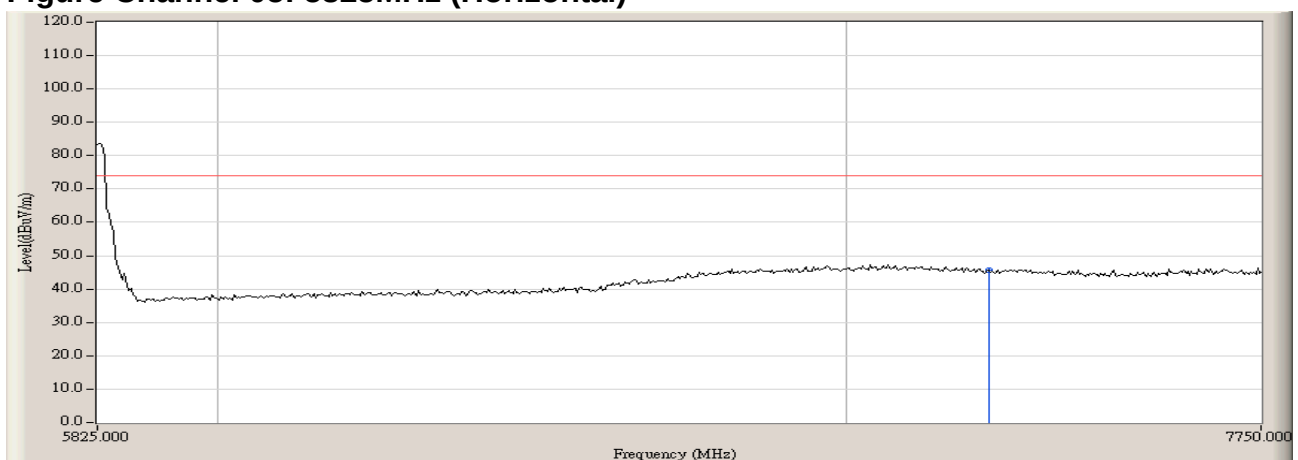
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
05	>5825	>20	Pass

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	7250.000	30.162	45.549	74.00	--	Pass
00 (Average)	7250.000	19.276	34.663	--	54.00	Pass

Figure Channel 05: 5825MHz (Horizontal)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Band Edge
Test Site	:	AC-2
Test Mode	:	Mode 3: Transmit by 802.11a (5825MHz, 7dBi)

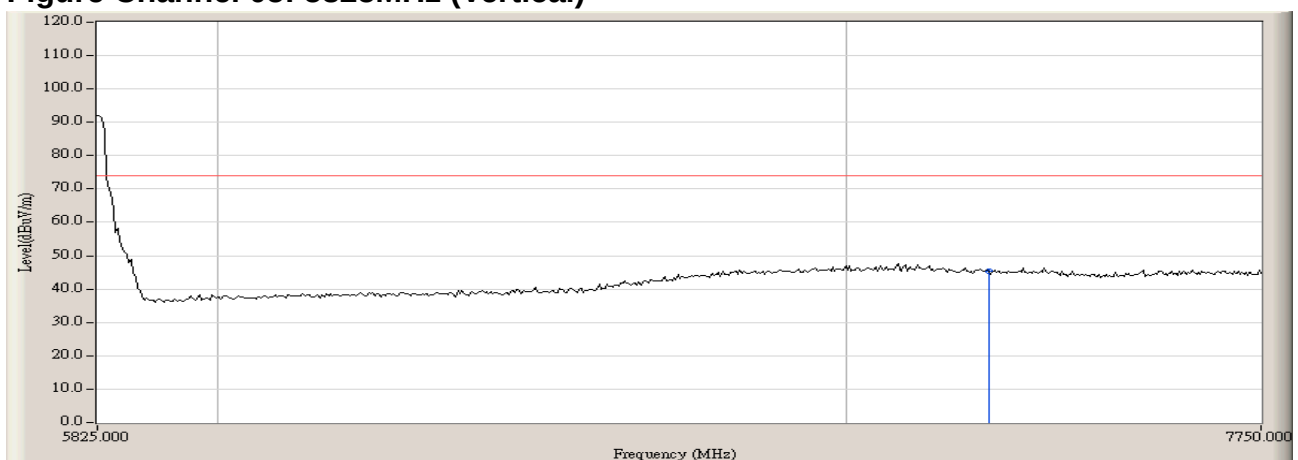
RF Radiated Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
05	>5825	>20	Pass

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	7250.000	29.862	45.249	74.00	--	Pass
00 (Average)	7250.000	19.302	34.689	--	54.00	Pass

Figure Channel 05: 5825MHz (Vertical)



Note:

RBW=1MHz, VBW=1MHz, Sweep Time=500ms.

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

8. Peak Power Spectral Density

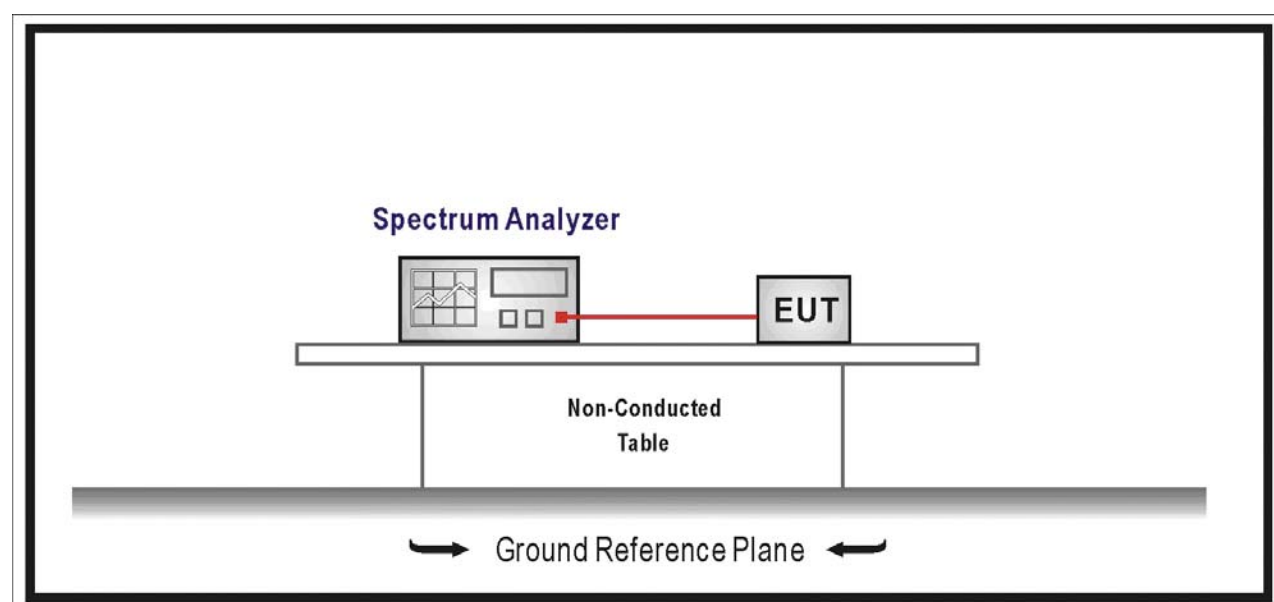
8.1. Test Equipment

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	2006/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH003	2007/03/31

8.2. Test Setup

RF Conducted Measurement



8.3. Limit

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

8.4. Test Procedure

- a) Place the EUT on a bench and set it in transmitting mode.
- b) Connect a low loss RF cable from the antenna port to a spectrum analyzer.
- c) Add a correction factor to the display, and then test.

8.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

8.6. Test Result

Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Peak Power Spectral Density
Test Site	:	AC-3
Test Mode	:	Mode 1: Transmit by 802.11b

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm /3kHz)	Result
01	2412	-3.45	8	Pass
06	2437	-4.15	8	Pass
11	2462	-3.93	8	Pass

Figure Channel 01 (2412MHz)

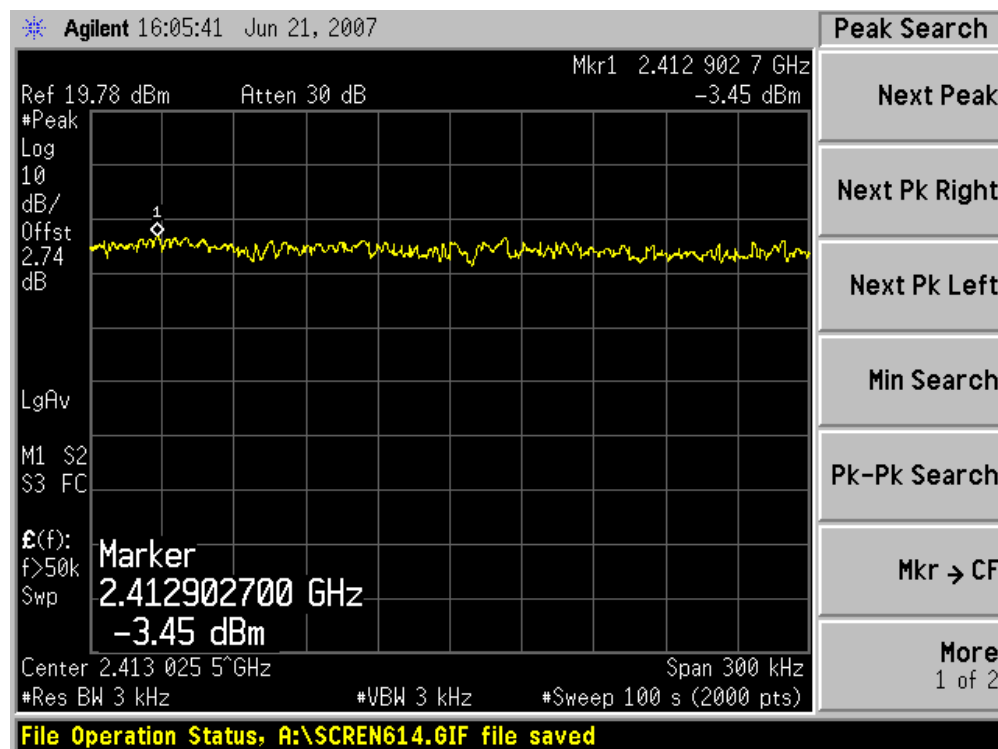


Figure Channel 06 (2437MHz)

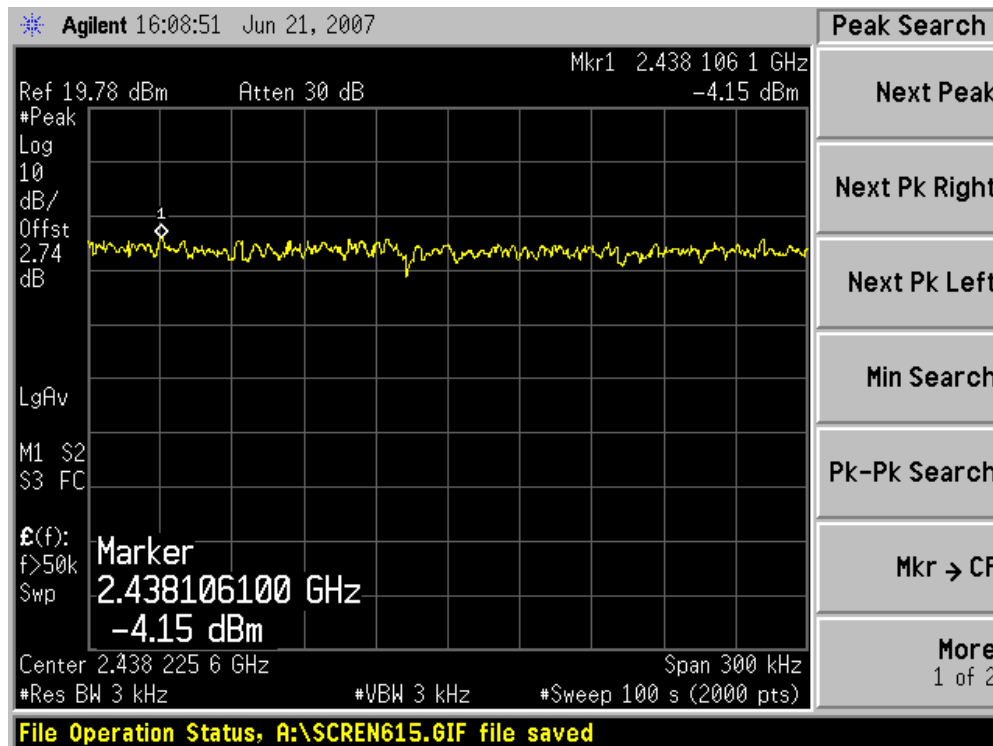
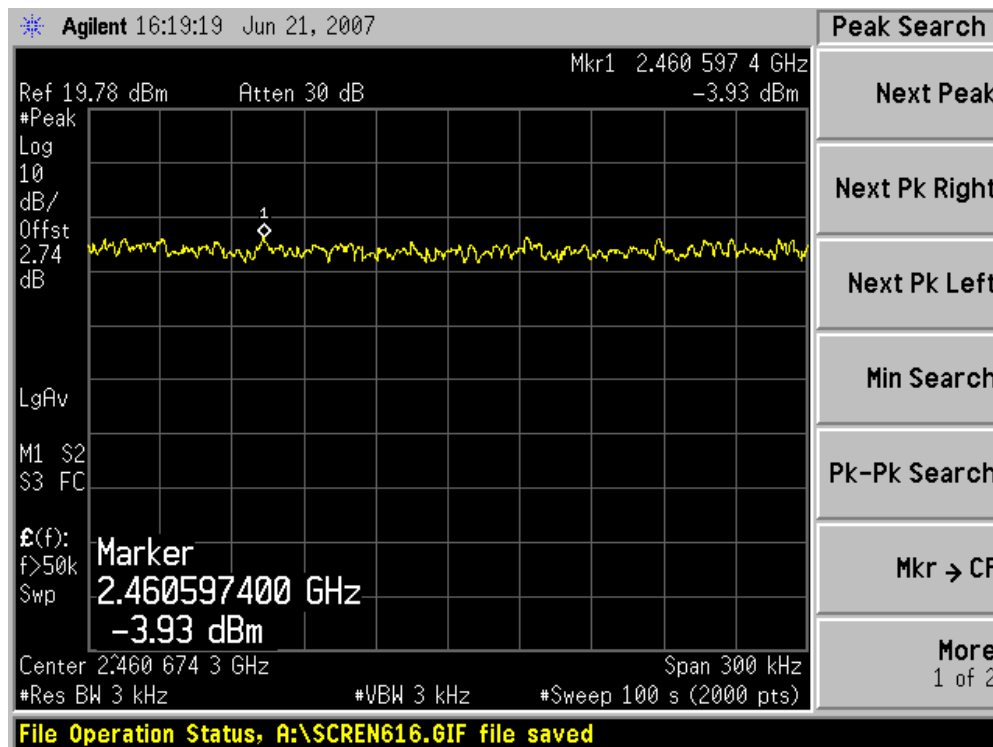


Figure Channel 11 (2462MHz)



Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Peak Power Spectral Density
Test Site	:	AC-3
Test Mode	:	Mode 2: Transmit by 802.11g

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm /3kHz)	Result
01	2412	-7.46	8	Pass
06	2437	-8.00	8	Pass
11	2462	-8.30	8	Pass

Figure Channel 01 (2412MHz)

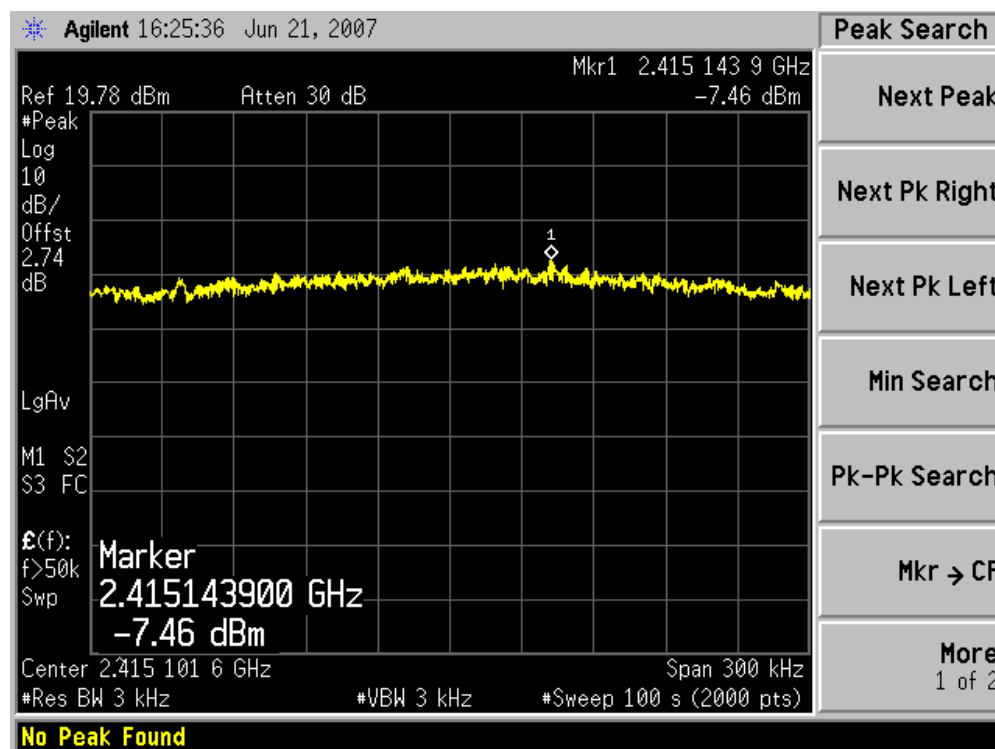


Figure Channel 06 (2437MHz)

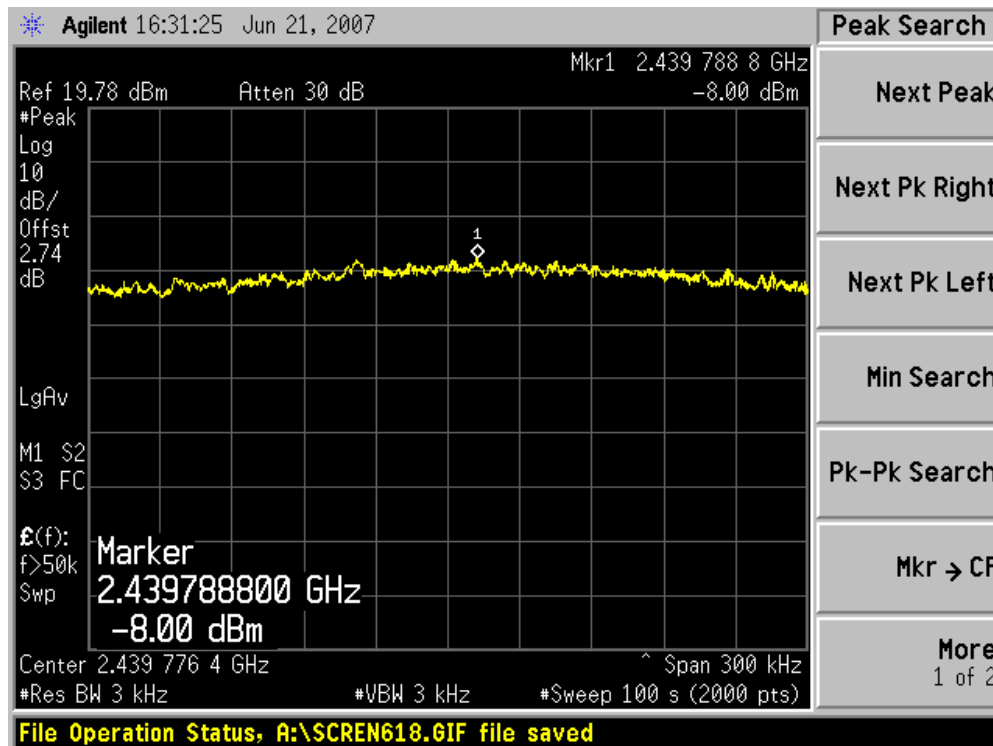
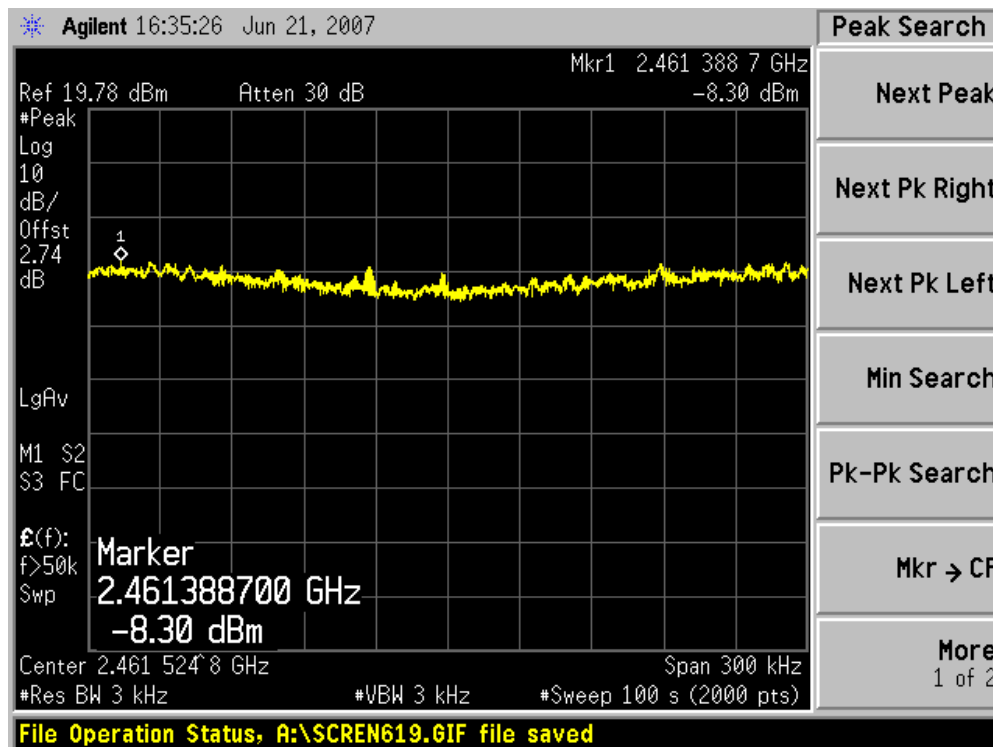


Figure Channel 11 (2462MHz)



Product	:	WLM54AG-23 wireless card with 2.4G and 5G series antenna
Test Item	:	Peak Power Spectral Density
Test Site	:	AC-3
Test Mode	:	Mode 3: Transmit by 802.11a

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm /3kHz)	Result
01	5745	-8.20	8	Pass
03	5785	-10.24	8	Pass
05	5825	-8.67	8	Pass

Figure Channel 01 (5745MHz)

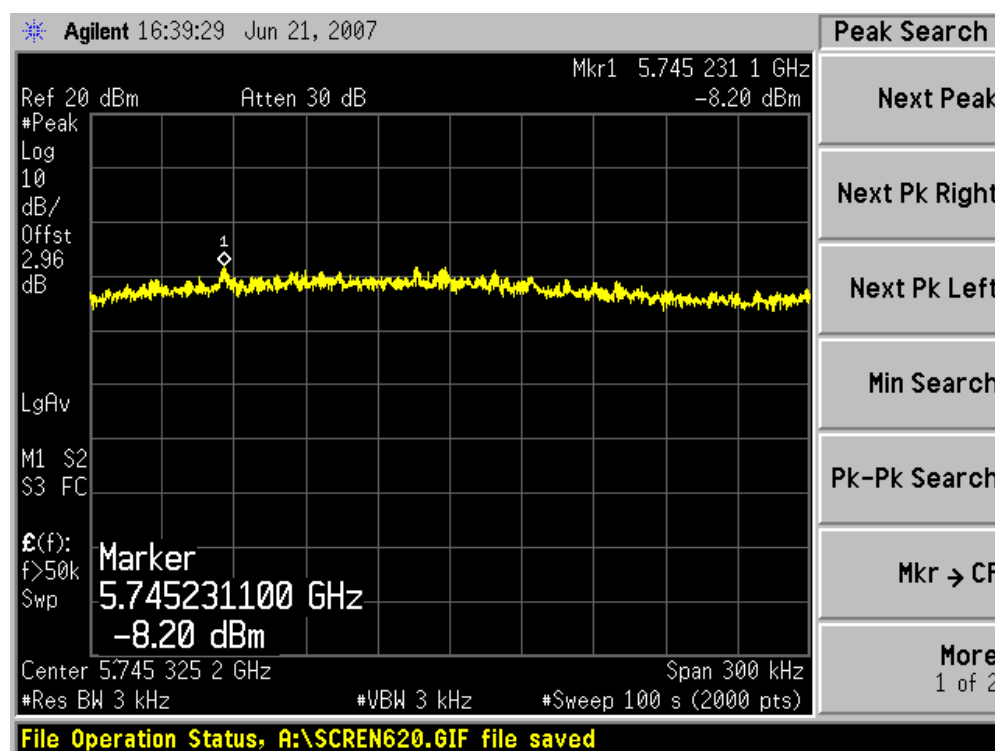


Figure Channel 03 (5785MHz)

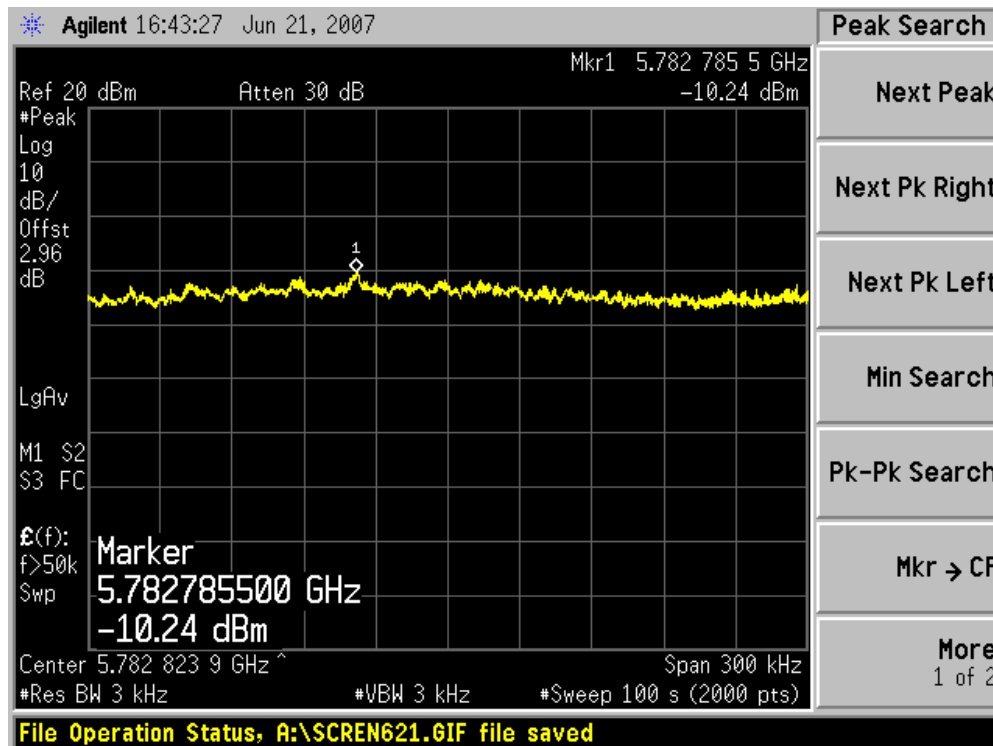


Figure Channel 05 (5825MHz)

