



# FCC TEST REPORT

According to

## FCC Rules and Regulations Part 15 Subpart C

Applicant : Belkin International Inc.  
Address : 501 West Walnut Street, Compton CA 90220, USA  
Equipment : N Wireless USB Adapter  
Model No. : F5D8053 v6  
FCC ID : K7SF5D8053V6  
Trade Name : Belkin

### Laboratory Accreditation



- The test result refers exclusively to the test presented test model / sample.,
- Without written approval of **CerpPASS Technology Corp.** the test report shall not be reproduced except in full.
- The EUT is also considered as a kind of computer peripheral, because the connection to computer is necessary for typical use. It has been verified to comply with the requirements of FCC Part 15, Subpart B, Class B (DoC). The test report has been issued separately.



## Contents

<b>1. Report of Measurements and Examinations</b> .....	<b>5</b>
1.1 List of Measurements and Examinations .....	5
<b>2. Test Configuration of Equipment under Test</b> .....	<b>6</b>
2.1 Feature of Equipment under Test.....	6
2.2 Carrier Frequency of Channels .....	7
2.3 Test Mode and Test Software .....	8
2.4 Description of Test System.....	8
2.5 Connection Diagram of Test System.....	9
2.6 General Information of Test.....	10
2.7 Measurement Uncertainty .....	10
2.8 History of this test report .....	11
<b>3. Antenna Requirements</b> .....	<b>12</b>
3.1 Standard Applicable .....	12
3.2 Antenna Construction and Directional Gain.....	12
<b>4. Test of Conducted Emission</b> .....	<b>13</b>
4.1 Test Limit .....	13
4.2 Test Procedures .....	13
4.3 Typical Test Setup .....	14
4.4 Measurement equipment .....	14
4.5 Test Result and Data .....	15
4.6 Test Photographs .....	21
<b>5. Test of Radiated Emission</b> .....	<b>22</b>
5.1 Test Limit .....	22
5.2 Test Procedures .....	22
5.3 Typical Test Setup .....	23
5.4 Measurement equipment .....	23
5.5 Test Result and Data .....	24
5.6 Test Photographs .....	60
<b>6. 6dB Bandwidth Measurement Data</b> .....	<b>61</b>
6.1 Test Limit .....	61
6.2 Test Procedures .....	61
6.3 Test Setup Layout .....	61
6.4 Measurement equipment .....	61
6.5 Test Result and Data.....	61
<b>7. Maximum Peak Output Power</b> .....	<b>68</b>
7.1 Test Limit .....	68
7.2 Test Procedures .....	68
7.3 Test Setup Layout .....	68
7.4 Measurement equipment .....	68
7.5 Test Result and Data.....	68
<b>8. Band Edges Measurement</b> .....	<b>75</b>
8.1 Test Limit .....	75
8.2 Test Procedure .....	75



8.3 Test Setup Layout ..... 75

8.4 Measurement equipment ..... 75

8.5 Test Result and Data ..... 75

8.6 Restrict Band Emission Measurement Data ..... 84

**9. Power Spectral Density ..... 86**

9.1 Test Limit ..... 86

9.2 Test Procedures ..... 86

9.3 Test Setup Layout ..... 86

9.4 Measurement equipment ..... 86

9.5 Test Result and Data ..... 86

**10. Restricted Bands of Operation ..... 93**

10.1 Labeling Requirement ..... 93

**Appendix A. Photographs of EUT ..... A1 ~ A3**



# CERTIFICATE OF COMPLIANCE

According to

## FCC Rules and Regulations Part 15 Subpart C

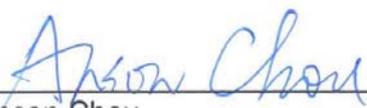
Applicant : Belkin International Inc.  
Address : 501 West Walnut Street, Compton CA 90220, USA  
Equipment : N Wireless USB Adapter  
Model No. : F5D8053 v6  
FCC ID : K7SF5D8053V6

I **HEREBY** CERTIFY THAT :

The measurements shown in this test report were made in accordance with the procedures given in **ANSI C63.4** The equipment was **passed** the test performed according to **FCC Rules and Regulations Part 15 Subpart C (2007)**.

The test was carried out on May 23, 2009 at **CerpPASS Technology Corp.**

Signature

  
Anson Chou  
EMC/RF B.U. Vice General Manager



## 1. Report of Measurements and Examinations

### 1.1 List of Measurements and Examinations

FCC Rule	Description of Test	Result
15.203	. Antenna Requirement	Pass
15.207	. Conducted Emission	Pass
15.209 15.247(d)	. Radiated Emission	Pass
15.247(a)(2)	. 6dB Bandwidth	Pass
15.247(b)	. Maximum Peak Output Power	Pass
15.247(d)	. 100kHz Bandwidth of Frequency Band Edges	Pass
15.247(e)	. Power Spectral Density	Pass
1.1307 1.1310 2.1091 2.1093	. RF Exposure Compliance	Pass



## 2. Test Configuration of Equipment under Test

### 2.1 Feature of Equipment under Test

Receive Sensitivity	
802.11b	Typical -84dBm @ 11Mbps, +/-2dBm Typical -86dBm @ 5.5Mbps, +/-2dBm Typical -88dBm @ 2Mbps, +/-2dBm Typical -90dBm @ 1Mbps, +/-2dBm
802.11g	Typical -87dBm @ 6Mbps, +/-2dBm Typical -87dBm @ 9Mbps, +/-2dBm Typical -85dBm @ 12Mbps, +/-2dBm Typical -84dBm @ 18Mbps, +/-2dBm Typical -81dBm @ 24Mbps, +/-2dBm Typical -77dBm @ 36Mbps, +/-2dBm Typical -73dBm @ 48Mbps, +/-2dBm Typical -72dBm @ 54Mbps, +/-2dBm
Draft 802.11n HT20	MCS=0 -85dBm, +/-2dBm MCS=1 -81dBm, +/-2dBm MCS=2 -74dBm, +/-2dBm MCS=3 -74dBm, +/-2dBm MCS=4 -73dBm, +/-2dBm MCS=5 -71dBm, +/-2dBm MCS=6 -68dBm, +/-2dBm MCS=7 -66dBm, +/-2dBm MCS=8 -85dBm, +/-2dBm MCS=9 -81dBm, +/-2dBm MCS=10 -74dBm, +/-2dBm MCS=11 -74dBm, +/-2dBm MCS=12 -73dBm, +/-2dBm MCS=13 -71dBm, +/-2dBm MCS=14 -68dBm, +/-2dBm MCS=15 -66dBm, +/-2dBm
Draft 802.11n HT40	MCS=0 -84dBm, +/-2dBm MCS=1 -78dBm, +/-2dBm MCS=2 -74dBm, +/-2dBm MCS=3 -74dBm, +/-2dBm MCS=4 -73dBm, +/-2dBm MCS=5 -71dBm, +/-2dBm MCS=6 -68dBm, +/-2dBm MCS=7 -67dBm, +/-2dBm MCS=8 -84dBm, +/-2dBm MCS=9 -78dBm, +/-2dBm MCS=10 -75dBm, +/-2dBm MCS=11 -74dBm, +/-2dBm MCS=12 -72dBm, +/-2dBm MCS=13 -68dBm, +/-2dBm MCS=14 -67dBm, +/-2dBm MCS=15 -66dBm, +/-2dBm



Power Consumption (Peak)	
802.11b	Continue TX: 450mA@5V Continue RD: 250mA@5V
802.11g	Continue TX: 450mA@5V Continue RD: 250mA@5V
802.11n HT20	Continue TX: 450mA@5V Continue RD: 250mA@5V
802.11n HT40	Continue TX: 450mA@5V Continue RD: 250mA@5V
Transmit Power	
802.11b	17 +/-1 dBm
802.11g	13.5 +/- 1dBm
802.11n	13.5 +/- 1dBm
Environment Conditions	
Temperature Range	Operating: 0 ~ 40°C Storing: -20 ~ 70°C
Humidity	Operating: 10 ~ 85% non-condensing Storing: 5 ~ 90% non-condensing
LED Definition	
LED Indicator (Single green color)	Activity: Off – Not powered Solid Green – Powered on, no data being transmitted Blinking Green – Transferring data Another LED (TBD): controlled by Realtek EEPROM code ( to double check Realtek reference design)
OS Support	Microsoft Windows 200 and XP 32 bit with SP2 and XP 64-bit (Utility) Microsoft Windows Vista 32 and 64 bit (just driver)

## 2.2 Carrier Frequency of Channels

802.11b, 802.11g, 802.11n, HT20

Channel	Frequency(MHz)	Channel	Frequency(MHz)
01	2412	07	2442
02	2417	08	2447
03	2422	09	2452
04	2427	10	2457
05	2432	11	2462
06	2437	12	---

802.11n, HT40

Channel	Frequency(MHz)	Channel	Frequency(MHz)
---	---	07	2442
---	---	08	2447
03	2422	09	2452
04	2427	---	---
05	2432	---	---
06	2437	---	---



## 2.3 Test Mode and Test Software

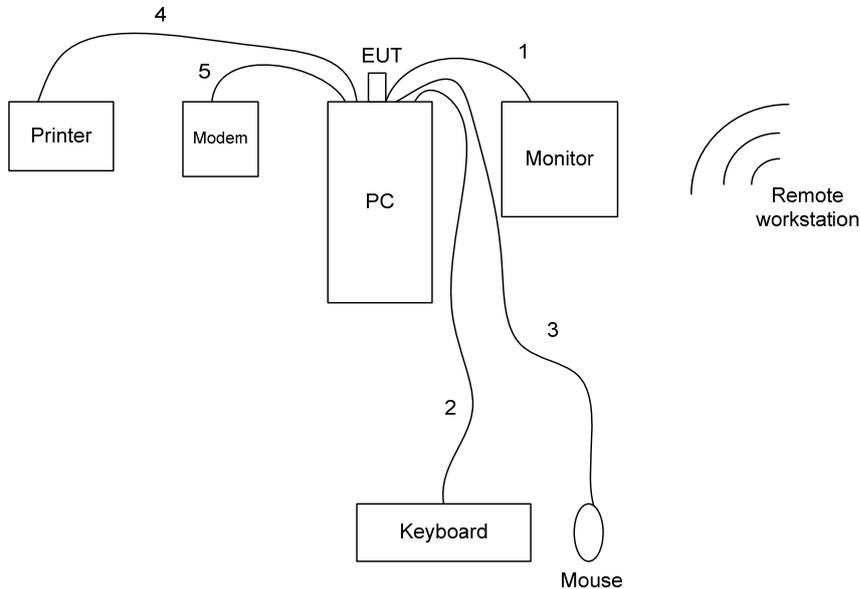
- a. During testing, the interface cables and equipment positions were varied according to ANSI C63.4.
- b. The complete test system included remote workstation, PC, Monitor, Mouse, Keyboard, Modem, Printer and EUT for EMI test. The remote workstation included Notebook.
- c. An executive program, "Ping.exe" under WIN XP, which transmits and receives data to the remote workstation through Wireless.
- d. The following test mode and test software was performed for conduction and radiation test:
  - 802.11b/g/n HT20: CH01: 2412MHz, CH06: 2437MHz, CH11: 2462MHz
  - 802.11n HT40: CH03: 2422MHz, CH06: 2437MHz, CH09: 2452MHz

## 2.4 Description of Test System

Device	Manufacturer	Model No.	Description
PC	IBM	IGV	Power Cable, Unshielding 1.8 m
Monitor	ViewSonic	G90Fb	Data Cable, VGA Shielding 1.35 m Power Cable, Adapter Unshielding 1.8 m
Keyboard	IBM	KB-0225	Data Cable, PS2 Shielding 1.35 m
Mouse	IBM	MO28VO	Data Cable, USB Shielding 1.85 m
Modem	ACEXX	DM-1414	Data Cable, RS232 Unshielding 1.35 m Power Cable, Adapter Unshielding 1.8 m
Printer	HP	Desk Jet 400	Data Cable, PRINT Unshielding 1.6 m Power Cable, Adapter Unshielding 1.8 m
Remote workstation			
Notebook	TOSHIBA	PSA50T-05M00C	Power Cable, Adapter Unshielding 1.8 m



## 2.5 Connection Diagram of Test System



1. The VGA cable is connected from PC to the Monitor.
  2. The PS/2 cable is connected from PC to the Keyboard.
  3. The USB cable is connected from PC to the Mouse.
  4. The Print cable is connected from PC to the Printer.
  5. The RS232 cable is connected from PC to the Modem.
- \* The EUT keeps to transmit and receive data via Notebook by Wireless.



## 2.6 General Information of Test

Test Site :	CerpPASS Technology Corp. 2F-11, No. 3, Yuan Qu St., (Nankang Software Park), Taipei, Taiwan 115, R.O.C.
Test Site Location (OATS1-SD):	No. 7-2, Moshihkeng, Fongtian Village, Shihding Township, Taipei County, Taiwan, R.O.C.
FCC Registration Number :	TW1049, 982971
IC Registration Number :	4934C-1
VCCI Registration Number :	T-182 for Telecommunication Test C-2188 for Conducted emission test R-1902 for Radiated emission test
Test Voltage:	AC 120V
Test in Compliance with:	ANSI C63.4-2003 FCC Part 15 Subpart C
Frequency Range Investigated:	Conducted: from 150kHz to 30MHz Radiation: from 30MHz to 24620MHz
Test Distance:	The test distance of radiated emission from antenna to EUT is 3 M.

## 2.7 Measurement Uncertainty

Measurement Item	Measurement Frequency	Polarization	Uncertainty
Conducted Emission	9 kHz ~ 30 MHz	LINE/NEUTRAL	2.71 dB
Radiated Emission	30 MHz ~ 25GHz	Vertical	4.11 dB
		Horizontal	4.10 dB
6 dB Bandwidth	---	---	7500 Hz
Maximum Peak Output Power	---	---	1.4 dB
100kHz Bandwidth of Frequency Band Edges	---	---	2.2 dB
Power Spectral Density	---	---	2.2 dB





### 3. Antenna Requirements

#### 3.1 Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

#### 3.2 Antenna Construction and Directional Gain

Antenna type: PCB Antenna

Antenna Gain: 0.34 dBi



## 4. Test of Conducted Emission

### 4.1 Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 KHz on the 120 VAC power and return leads of the EUT according to the methods defined in ANSI C63.4-2003 Section 3.1. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane as shown in section 2.2. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

Frequency (MHz)	Quasi Peak (dB $\mu$ V)	Average (dB $\mu$ V)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

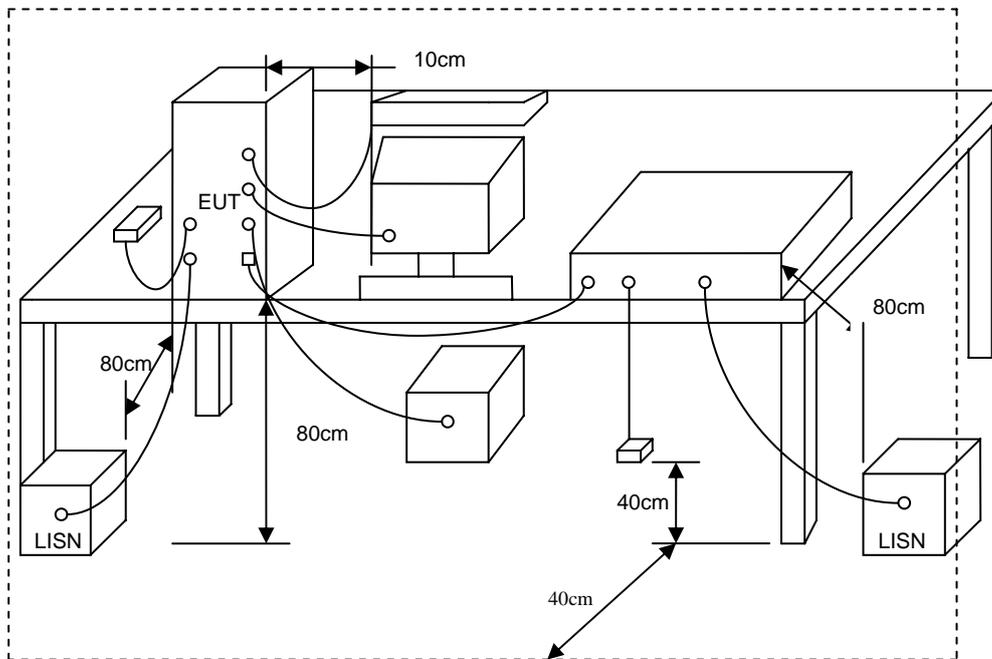
\*Decreases with the logarithm of the frequency.

### 4.2 Test Procedures

- The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- Connect EUT to the power mains through a line impedance stabilization network (LISN).
- All the support units are connecting to the other LISN.
- The LISN provides 50 ohm coupling impedance for the measuring instrument.
- The FCC states that a 50 ohm, 50 micro-Henry LISN should be used.
- Both sides of AC line were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched.
- Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.



### 4.3 Typical Test Setup



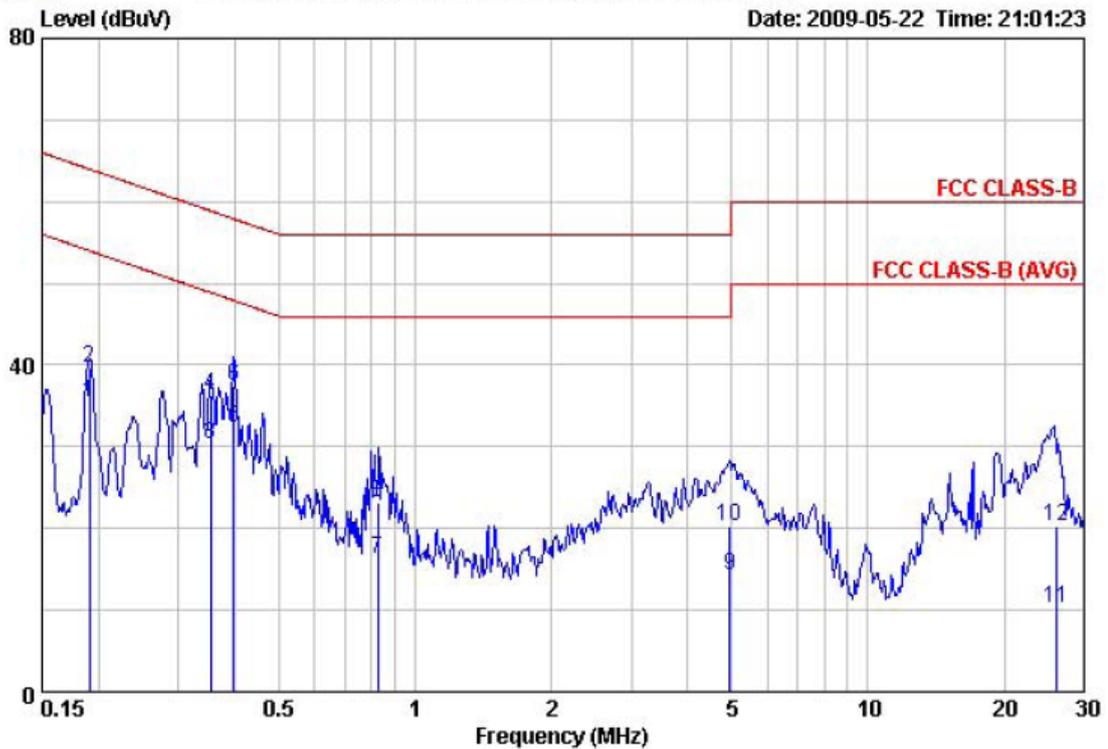
### 4.4 Measurement equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date.
EMI Receiver	R&S	ESCI	100443	2008/09/27	2009/09/26
LISN	MESS TEC	NNB-2/16Z	02/10191	2008/05/14	2009/06/02
LISN	ROLF HEINE	NNB-2/16Z	03/10058	2009/04/18	2010/04/17



### 4.5 Test Result and Data

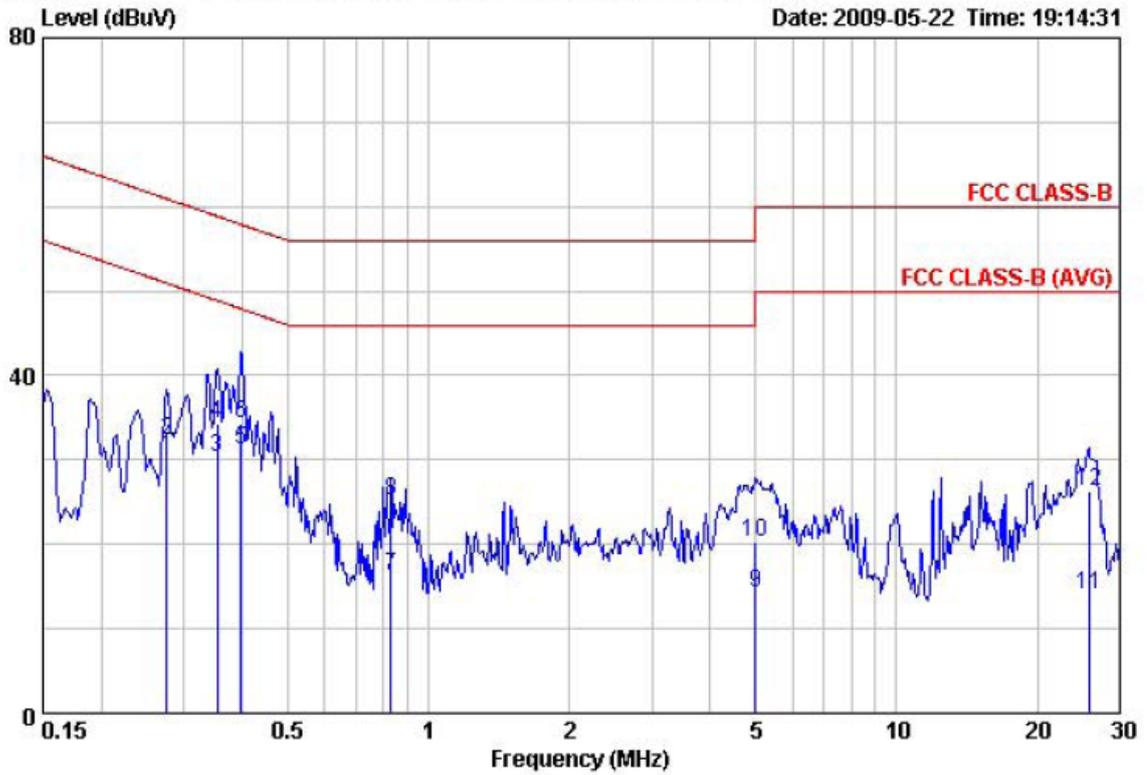
Power	: AC 120V	Pol/Phase	: LINE
Test Mode	: 802.11g CH1	Temperature	: 26 °C
Memo	:	Humidity	: 58 %



Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	
1	0.19050	35.28	0.09	35.37	54.01	-18.64	Average
2	0.19050	39.56	0.09	39.65	64.01	-24.36	QP
3	0.35420	30.24	0.08	30.32	48.86	-18.54	Average
4	0.35420	36.24	0.08	36.32	58.86	-22.54	QP
5	0.39780	32.25	0.08	32.33	47.90	-15.57	Average
6	0.39780	37.29	0.08	37.37	57.90	-20.53	QP
7	0.82810	16.23	0.10	16.33	46.00	-29.67	Average
8	0.82810	23.13	0.10	23.23	56.00	-32.77	QP
9	4.952	14.11	0.21	14.32	46.00	-31.68	Average
10	4.952	20.11	0.21	20.32	56.00	-35.68	QP
11	26.190	10.13	0.20	10.33	50.00	-39.67	Average
12	26.190	20.04	0.20	20.24	60.00	-39.76	QP



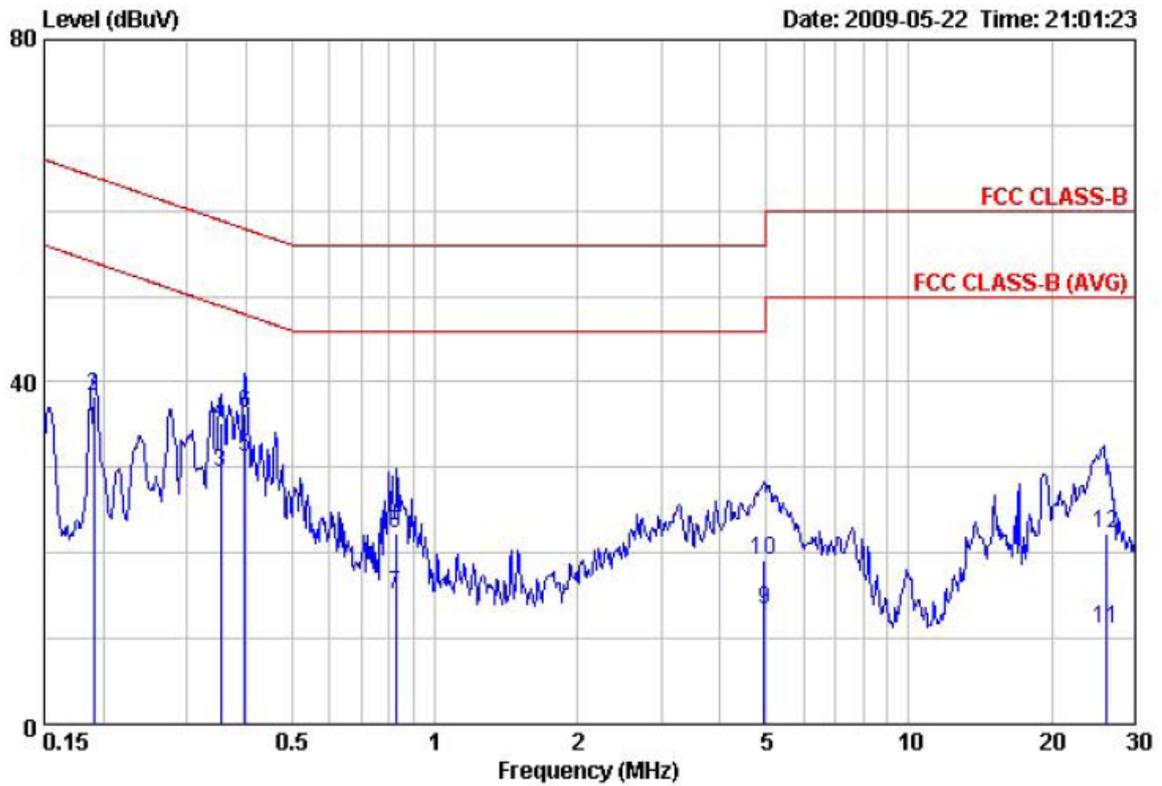
Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode	: 802.11g CH1	Temperature	: 26 °C
Memo	:	Humidity	: 58 %



Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	
1	0.27587	30.12	0.11	30.23	50.94	-20.71	Average
2	0.27587	32.12	0.11	32.23	60.94	-28.71	QP
3	0.35388	30.21	0.11	30.32	48.87	-18.55	Average
4	0.35388	34.22	0.11	34.33	58.87	-24.54	QP
5	0.39800	31.03	0.11	31.14	47.90	-16.76	Average
6	0.39800	34.11	0.11	34.22	57.90	-23.68	QP
7	0.82970	16.10	0.13	16.23	46.00	-29.77	Average
8	0.82970	25.10	0.13	25.23	56.00	-30.77	QP
9	5.006	14.03	0.20	14.23	50.00	-35.77	Average
10	5.006	20.03	0.20	20.23	60.00	-39.77	QP
11	25.760	13.77	0.36	14.13	50.00	-35.87	Average
12	25.760	25.87	0.36	26.23	60.00	-33.77	QP



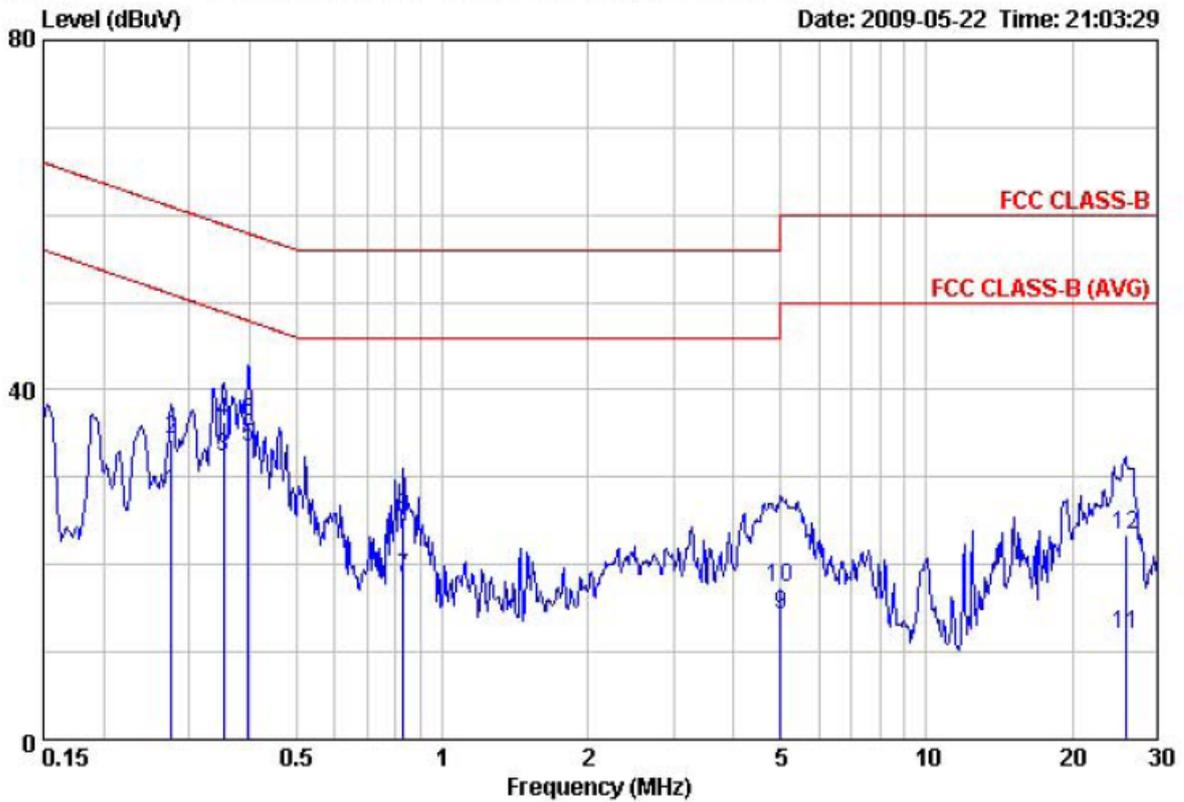
Power	: AC 120V	Pol/Phase	: LINE
Test Mode	: 802.11n HT20 CH1	Temperature	: 26 °C
Memo	:	Humidity	: 58 %



Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	
1	0.19050	34.15	0.09	34.24	54.01	-19.77	Average
2	0.19050	38.24	0.09	38.33	64.01	-25.68	QP
3	0.35420	29.28	0.08	29.36	48.86	-19.50	Average
4	0.35420	35.17	0.08	35.25	58.86	-23.61	QP
5	0.39780	31.16	0.08	31.24	47.90	-16.66	Average
6	0.39780	36.25	0.08	36.33	57.90	-21.57	QP
7	0.82810	15.13	0.10	15.23	46.00	-30.77	Average
8	0.82810	22.23	0.10	22.33	56.00	-33.67	QP
9	4.952	13.11	0.21	13.32	46.00	-32.68	Average
10	4.952	19.02	0.21	19.23	56.00	-36.77	QP
11	26.190	11.02	0.20	11.22	50.00	-38.78	Average
12	26.190	22.03	0.20	22.23	60.00	-37.77	QP



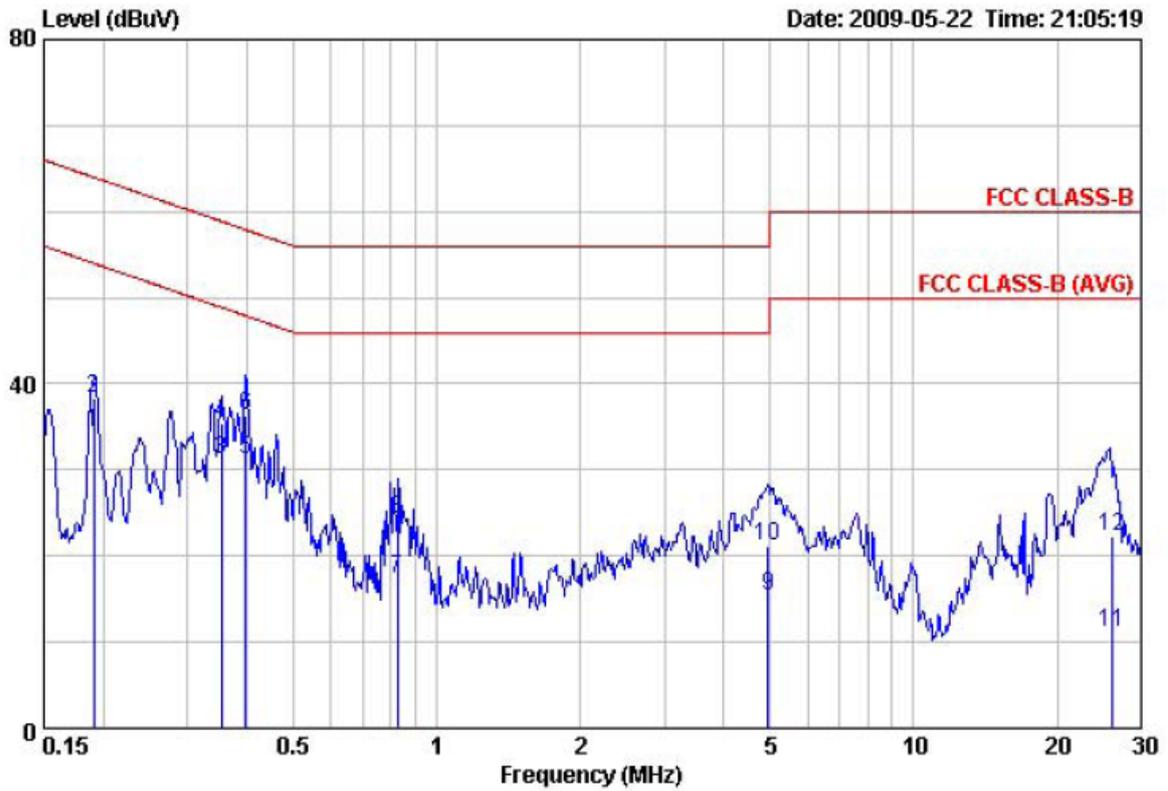
Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode	: 802.11n HT20 CH1	Temperature	: 26 °C
Memo	:	Humidity	: 58 %



Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	
1	0.27587	28.12	0.11	28.23	60.94	-32.71	Average
2	0.27587	34.12	0.11	34.23	60.94	-26.71	QP
3	0.35388	32.12	0.11	32.23	58.87	-26.64	Average
4	0.35388	36.21	0.11	36.32	58.87	-22.55	QP
5	0.39800	33.21	0.11	33.32	57.90	-24.58	Average
6	0.39800	36.12	0.11	36.23	57.90	-21.67	QP
7	0.82970	18.42	0.13	18.55	56.00	-37.45	Average
8	0.82970	25.19	0.13	25.32	56.00	-30.68	QP
9	5.006	14.03	0.20	14.23	60.00	-45.77	Average
10	5.006	17.15	0.20	17.35	60.00	-42.65	QP
11	25.760	11.76	0.36	12.12	60.00	-47.88	Average
12	25.760	22.96	0.36	23.32	60.00	-36.68	QP



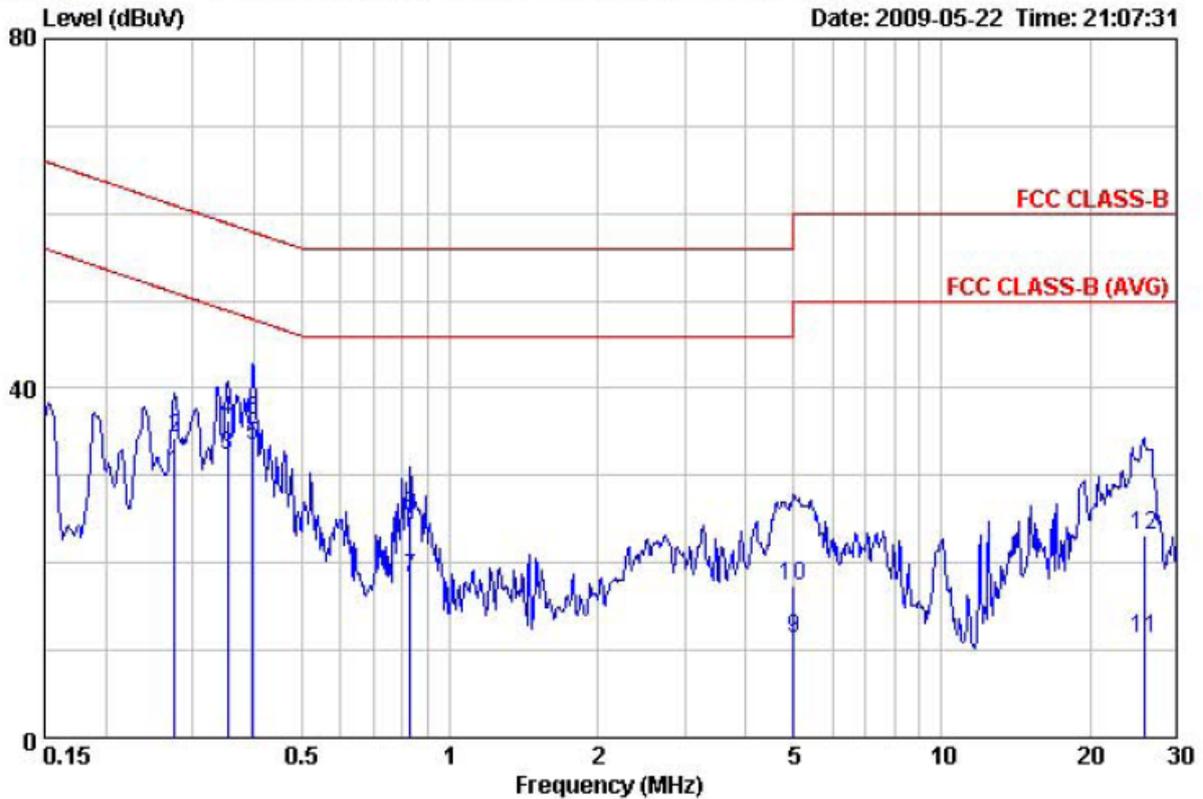
Power	: AC 120V	Pol/Phase	: LINE
Test Mode	: 802.11n HT40 CH3	Temperature	: 26 °C
Memo	:	Humidity	: 58 %



Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	
1	0.19050	34.12	0.09	34.21	54.01	-19.80	Average
2	0.19050	38.25	0.09	38.34	64.01	-25.67	QP
3	0.35420	31.08	0.08	31.16	48.86	-17.70	Average
4	0.35420	35.25	0.08	35.33	58.86	-23.53	QP
5	0.39780	31.14	0.08	31.22	47.90	-16.68	Average
6	0.39780	36.23	0.08	36.31	57.90	-21.59	QP
7	0.82810	17.23	0.10	17.33	46.00	-28.67	Average
8	0.82810	24.24	0.10	24.34	56.00	-31.66	QP
9	4.952	15.15	0.21	15.36	46.00	-30.64	Average
10	4.952	21.02	0.21	21.23	56.00	-34.77	QP
11	26.190	11.03	0.20	11.23	50.00	-38.77	Average
12	26.190	22.16	0.20	22.36	60.00	-37.64	QP



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode	: 802.11n HT40 CH3	Temperature	: 26 °C
Memo	:	Humidity	: 58 %



Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	
1	0.27587	30.21	0.11	30.32	50.94	-20.62	Average
2	0.27587	34.22	0.11	34.33	60.94	-26.61	QP
3	0.35388	32.12	0.11	32.23	48.87	-16.64	Average
4	0.35388	36.22	0.11	36.33	58.87	-22.54	QP
5	0.39800	33.21	0.11	33.32	47.90	-14.58	Average
6	0.39800	36.22	0.11	36.33	57.90	-21.57	QP
7	0.82970	18.20	0.13	18.33	46.00	-27.67	Average
8	0.82970	25.21	0.13	25.34	56.00	-30.66	QP
9	5.006	11.13	0.20	11.33	50.00	-38.67	Average
10	5.006	17.13	0.20	17.33	60.00	-42.67	QP
11	25.760	10.96	0.36	11.32	50.00	-38.68	Average
12	25.760	22.87	0.36	23.23	60.00	-36.77	QP

Test engineer: Ben



## 5. Test of Radiated Emission

### 5.1 Test Limit

Radiated emissions from 30 MHz to 25 GHz were measured according to the methods defines in ANSI C63.4-2003. The EUT was placed, 0.8 meter above the ground plane, as shown in section 5.6.3. The interface cables and equipment positions were varied within limits of reasonable applications to determine the positions producing maximum radiated emissions

For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency (MHz)	Distance Meters	Radiated ( $\mu$ V / M)	Radiated (dB $\mu$ V/ M)
30-88	3	100	40.0
88-216	3	150	43.5
216-960	3	200	46.0
Above 960	3	500	54.0

For unintentional device, according to CISPR PUB.22, for Class B digital devices, the general requirement of field strength of radiated emissions from intentional radiators at a distance of 10 meters shall not exceed the below table.

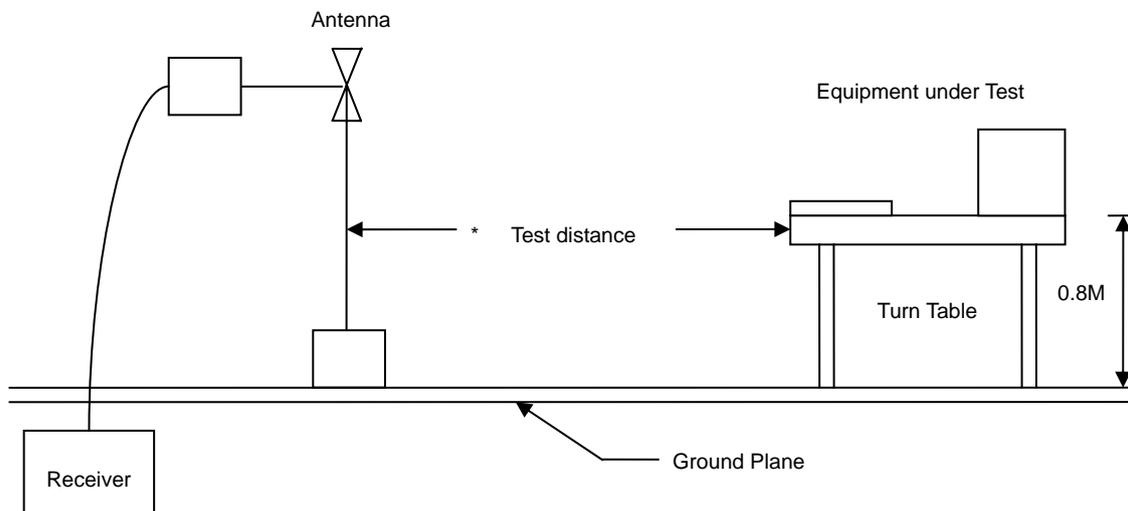
Frequency (MHz)	Distance Meters	Radiated (dB $\mu$ V/ M)
30-230	10	30
230-1000	10	37

### 5.2 Test Procedures

- The EUT was placed on a rotatable table top 0.8 meter above ground.
- The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- The table was rotated 360 degrees to determine the position of the highest radiation.
- The antenna is a broadband antenna and its height is varied between one meter and four meters above ground to find the maximum value of the field strength both horizontal polarization and vertical polarization of the antenna are set to make the measurement.
- For each suspected emission the EUT was arranged to its worst case and then tune the antenna tower (from 1 M to 4 M) and turn table (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak or CISPR quasi-peak Detect Function and specified bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method and reported.
- For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- “Cone of radiation” has been considered to be 3dB beamwidth of the measurement antenna.



### 5.3 Typical Test Setup



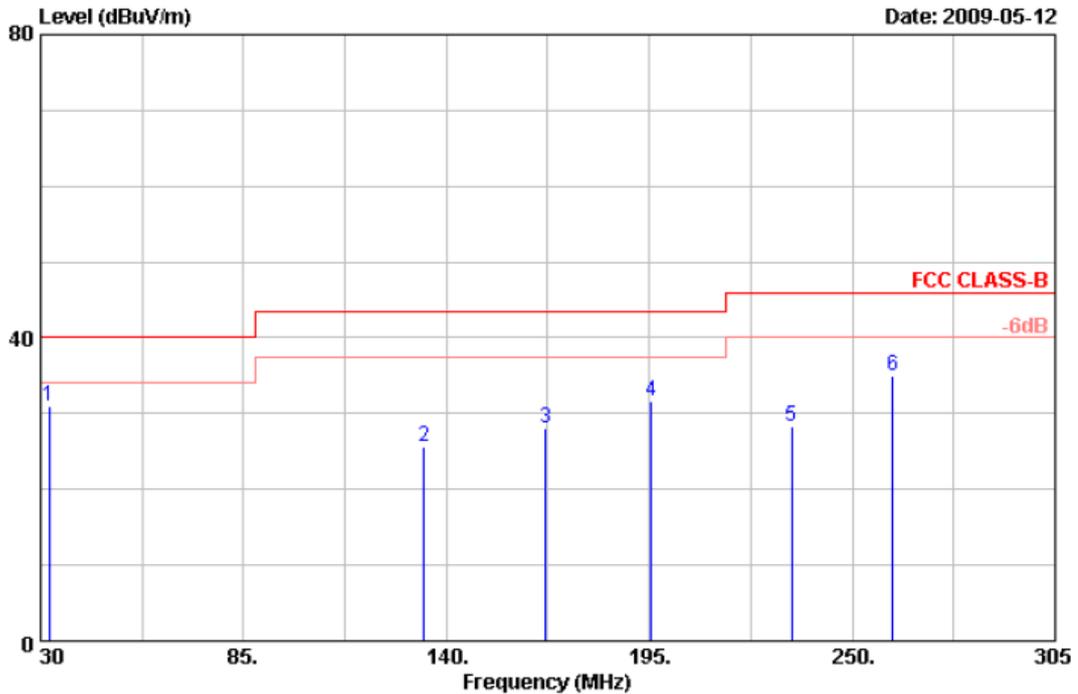
### 5.4 Measurement equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Bilog Antenna	Schaffner	CBL6112B	2840	2009/05/14	2010/05/13
Signal Generator	HP	8648B	3629U00612	2008/10/08	2009/10/07
Amplifier	Agilent	8447D	2944A10593	2009/05/21	2010/05/20
EMI Receiver	HP	8546A	3807A00454	2008/08/07	2009/08/06
Spectrum Analyzer	R&S	FSP40	100047	2009/03/26	2010/03/25
Horn Antenna	EMCO	3115	31589	2009/05/04	2010/05/03
Preamplifier	Agilent	8449B	3008A01954	2009/02/27	2010/02/26



5.5 Test Result and Data

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmit / Receive	Temperature	: 26 °C
Operation Channel	: 1	Humidity	: 51 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1019 hPa
Memo	:	Rate	: 54 Mbps



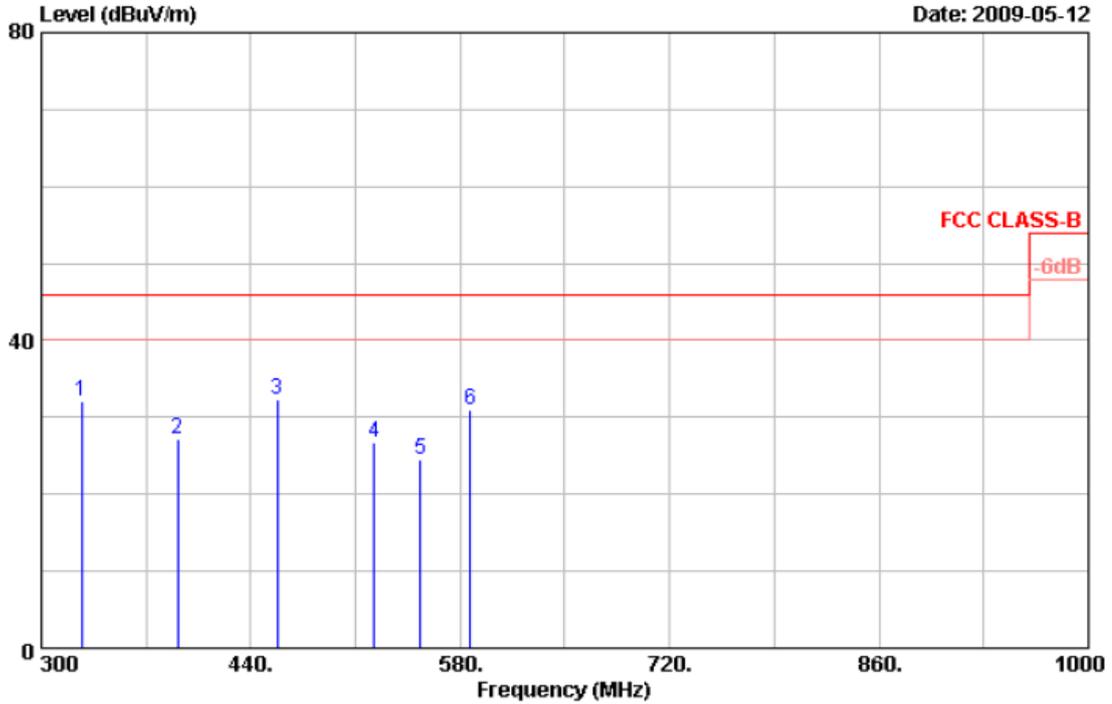
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	32.200	57.99	-27.05	30.94	40.00	-9.06	Peak	150	0
2	133.950	49.38	-23.75	25.63	43.50	-17.87	Peak	150	0
3	166.950	53.45	-25.28	28.17	43.50	-15.33	Peak	150	0
4	195.550	54.11	-22.40	31.71	43.50	-11.79	Peak	150	0
5	233.500	53.86	-25.65	28.21	46.00	-17.79	Peak	150	0
6	261.000	61.80	-26.81	34.99	46.00	-11.01	Peak	150	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmit / Receive	Temperature	: 26 °C
Operation Channel	: 1	Humidity	: 51 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1019 hPa
Memo	:	Rate	: 54 Mbps



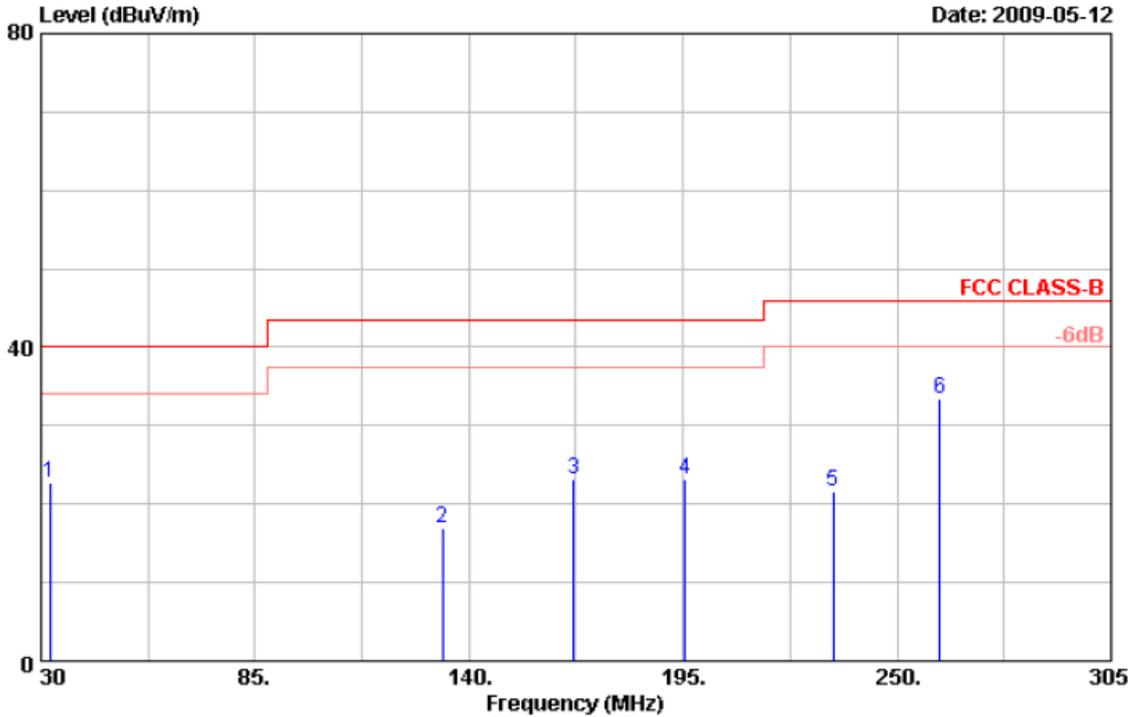
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	326.600	58.42	-26.28	32.14	46.00	-13.86	Peak	100	0
2	391.000	53.85	-26.58	27.27	46.00	-18.73	Peak	100	0
3	457.500	59.52	-27.29	32.23	46.00	-13.77	Peak	100	0
4	522.600	55.09	-28.31	26.78	46.00	-19.22	Peak	100	0
5	553.400	49.17	-24.70	24.47	46.00	-21.53	Peak	100	0
6	587.000	57.41	-26.43	30.98	46.00	-15.02	Peak	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmit / Receive	Temperature	: 26 °C
Operation Channel	: 1	Humidity	: 51 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1019 hPa
Memo	:	Rate	: 54 Mbps



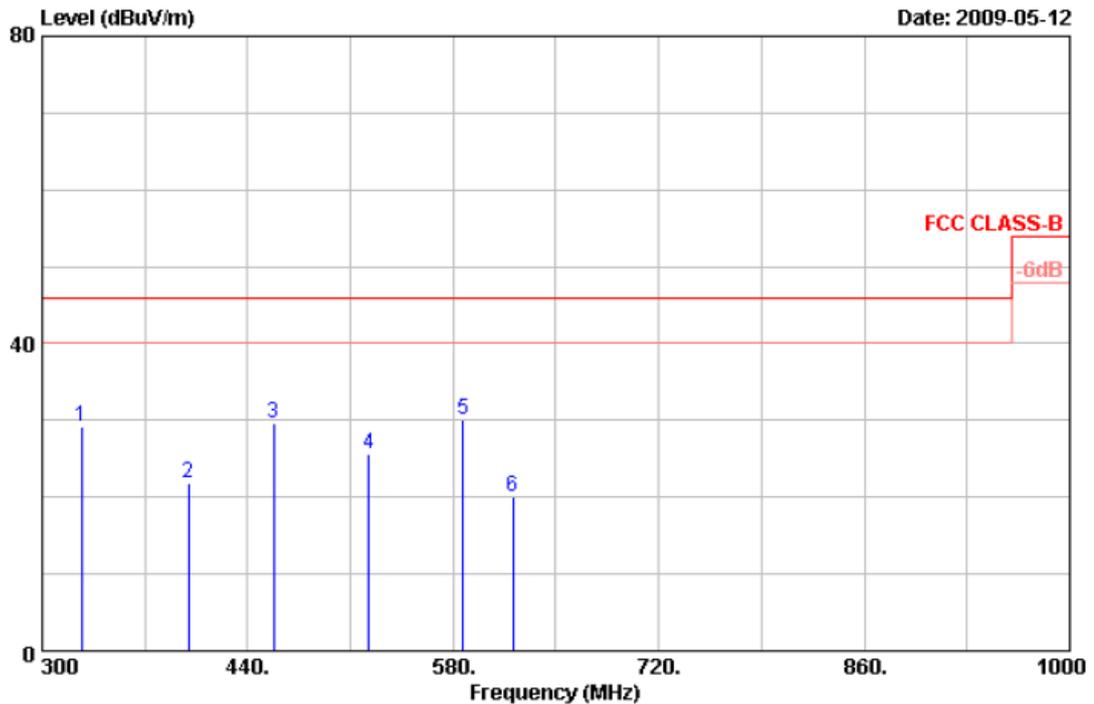
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	32.200	58.13	-35.43	22.70	40.00	-17.30	Peak	150	0
2	133.125	47.78	-30.79	16.99	43.50	-26.51	Peak	150	0
3	166.950	53.69	-30.41	23.28	43.50	-20.22	Peak	150	0
4	195.550	53.37	-30.09	23.28	43.50	-20.22	Peak	150	0
5	233.500	51.79	-30.06	21.73	46.00	-24.27	Peak	150	0
6	261.000	62.12	-28.64	33.48	46.00	-12.52	Peak	150	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300KHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmit / Receive	Temperature	: 26 °C
Operation Channel	: 1	Humidity	: 51 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1019 hPa
Memo	:	Rate	: 54 Mbps



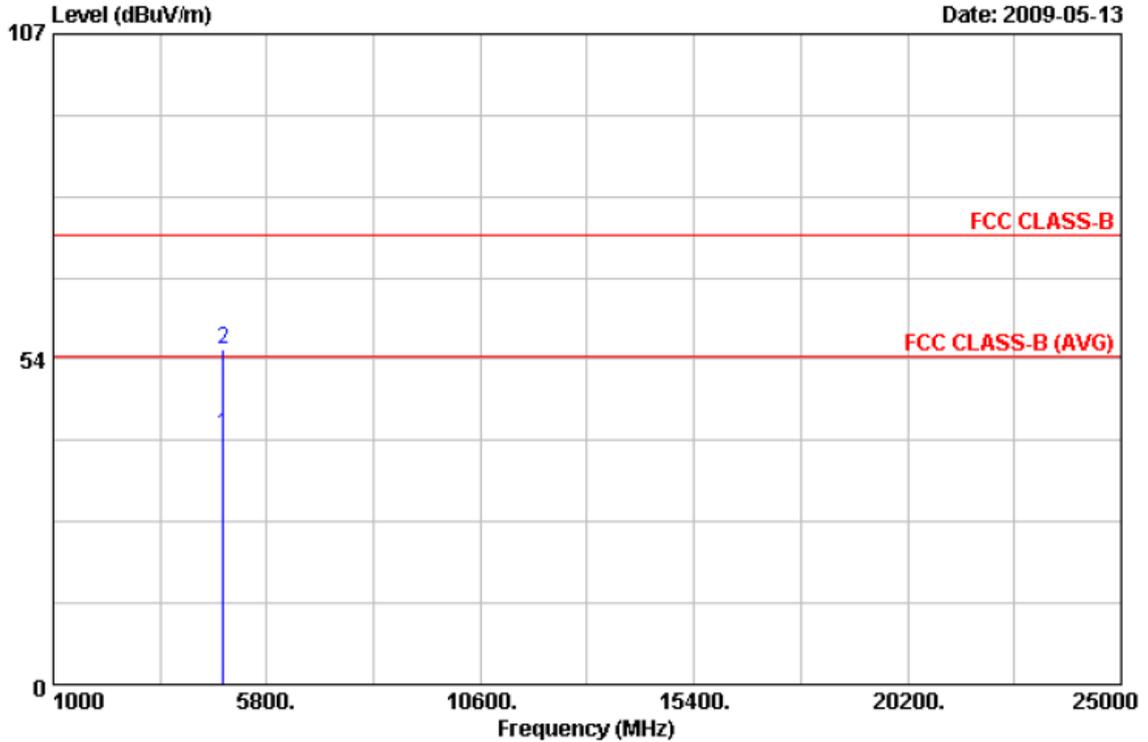
Item	Freq MHz	Read Value dBuV/m	Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark	Ant Pos cm	Tab Pos Deg
1	326.600	57.10	-27.96	29.14	46.00	-16.86	Peak	100	0
2	399.400	50.80	-28.96	21.84	46.00	-24.16	Peak	100	0
3	457.500	54.21	-24.51	29.70	46.00	-16.30	Peak	100	0
4	522.600	51.64	-26.05	25.59	46.00	-20.41	Peak	100	0
5	587.000	53.72	-23.62	30.10	46.00	-15.90	Peak	100	0
6	620.600	43.52	-23.53	19.99	46.00	-26.01	Peak	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmit / Receive	Temperature	: 28 °C
Operation Channel	: 1	Humidity	: 56 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1022 hPa
Memo	:	Rate	: 11 Mbps



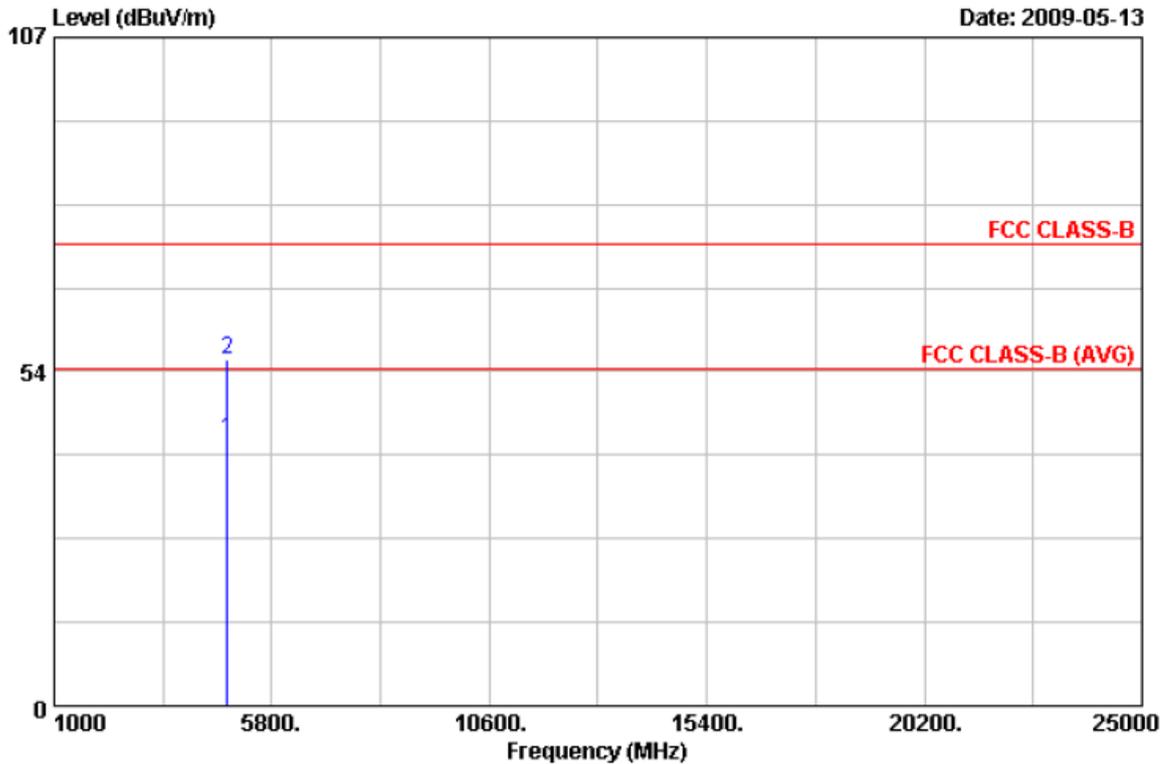
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.01	33.50	7.69	41.19	54.00	-12.81	Average	150	134
2	4824.22	47.54	7.69	55.23	74.00	-18.77	Peak	150	134

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmit / Receive	Temperature	: 28 °C
Operation Channel	: 1	Humidity	: 56 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1022 hPa
Memo	:	Rate	: 11 Mbps



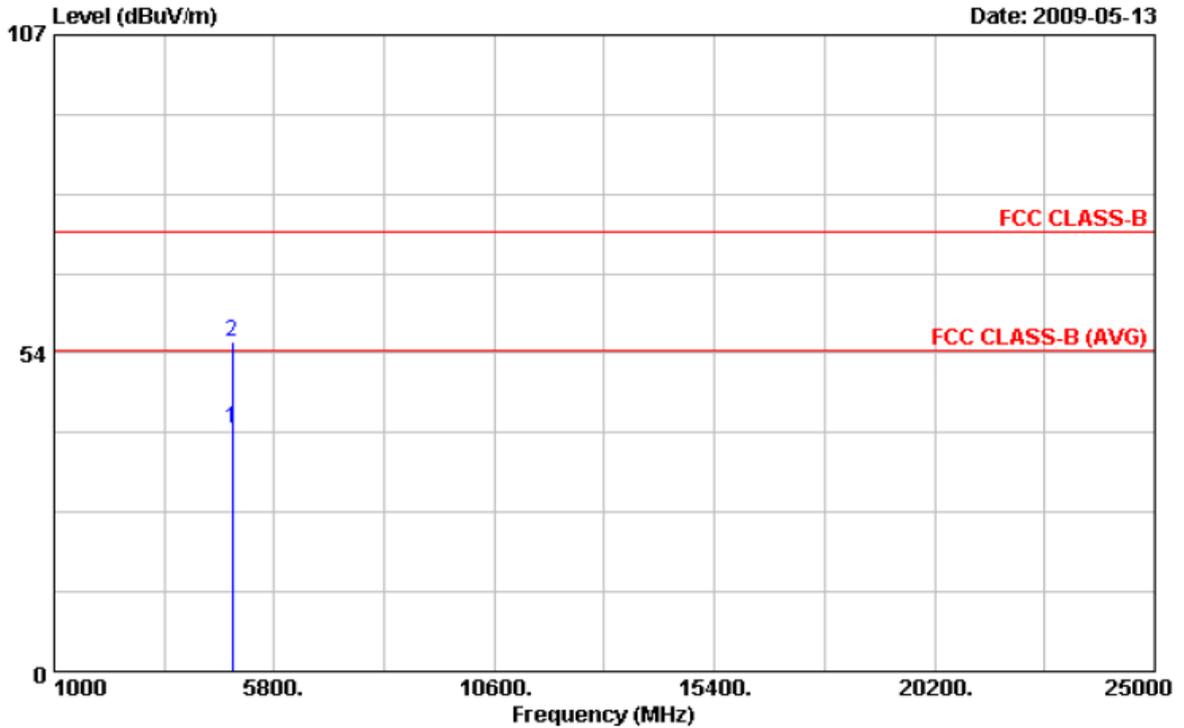
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.97	34.97	7.69	42.66	54.00	-11.34	Average	150	192
2	4824.01	47.60	7.69	55.29	74.00	-18.71	Peak	150	192

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmit / Receive	Temperature	: 28 °C
Operation Channel	: 6	Humidity	: 56 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1022 hPa
Memo	:	Rate	: 11 Mbps



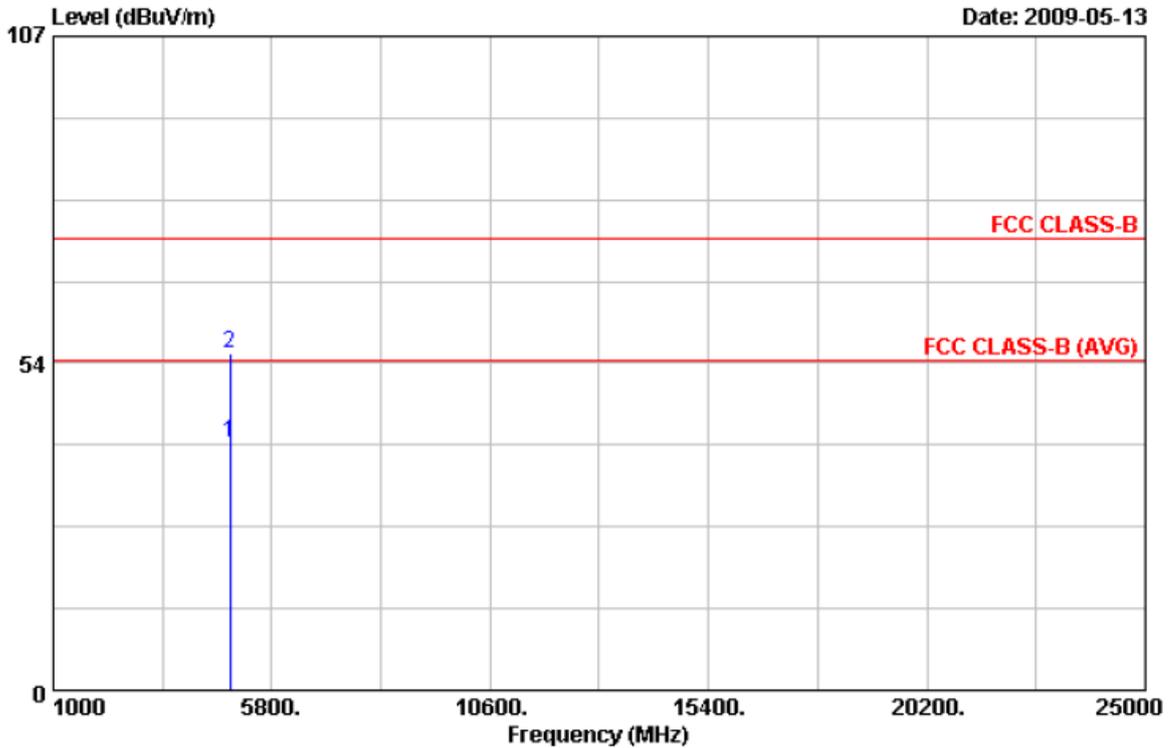
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.01	33.12	7.86	40.98	54.00	-13.02	Average	150	139
2	4874.23	47.54	7.86	55.40	74.00	-18.60	Peak	150	139

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmit / Receive	Temperature	: 28 °C
Operation Channel	: 6	Humidity	: 56 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1022 hPa
Memo	:	Rate	: 11 Mbps



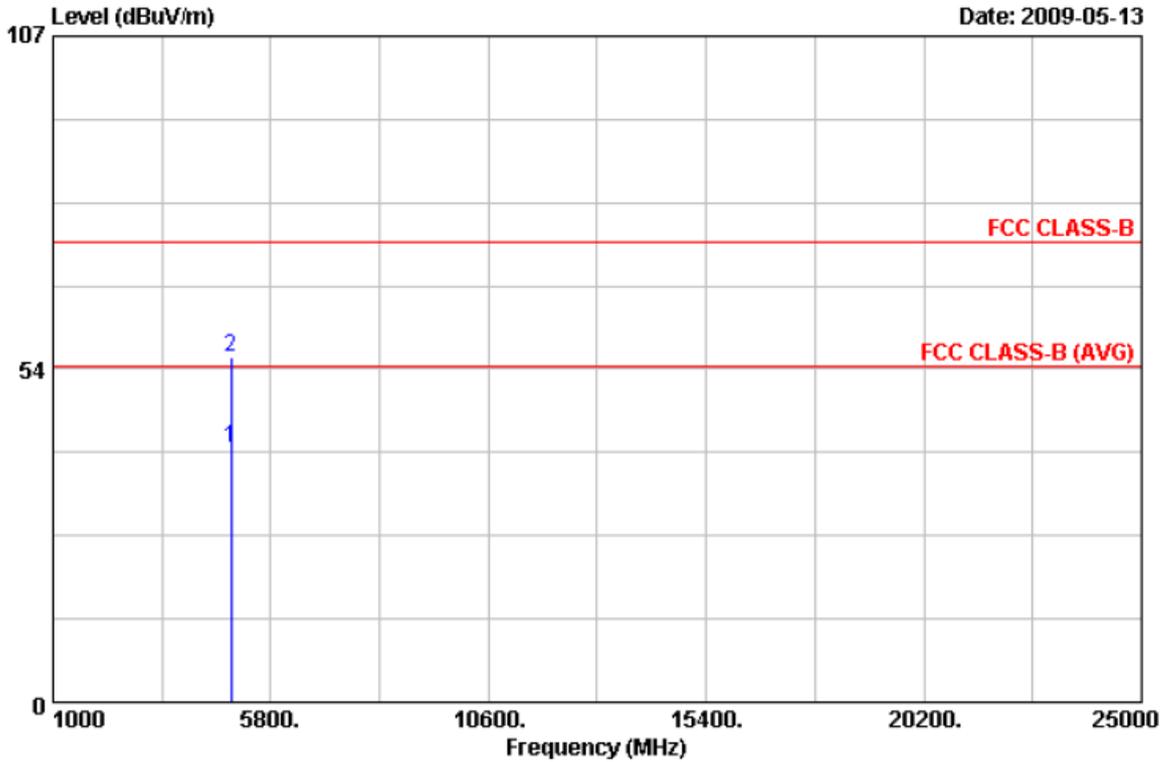
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.11	32.65	7.86	40.51	54.00	-13.49	Average	150	247
2	4876.71	47.23	7.89	55.12	74.00	-18.88	Peak	150	247

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmit / Receive	Temperature	: 28 °C
Operation Channel	: 11	Humidity	: 56 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1022 hPa
Memo	:	Rate	: 11 Mbps



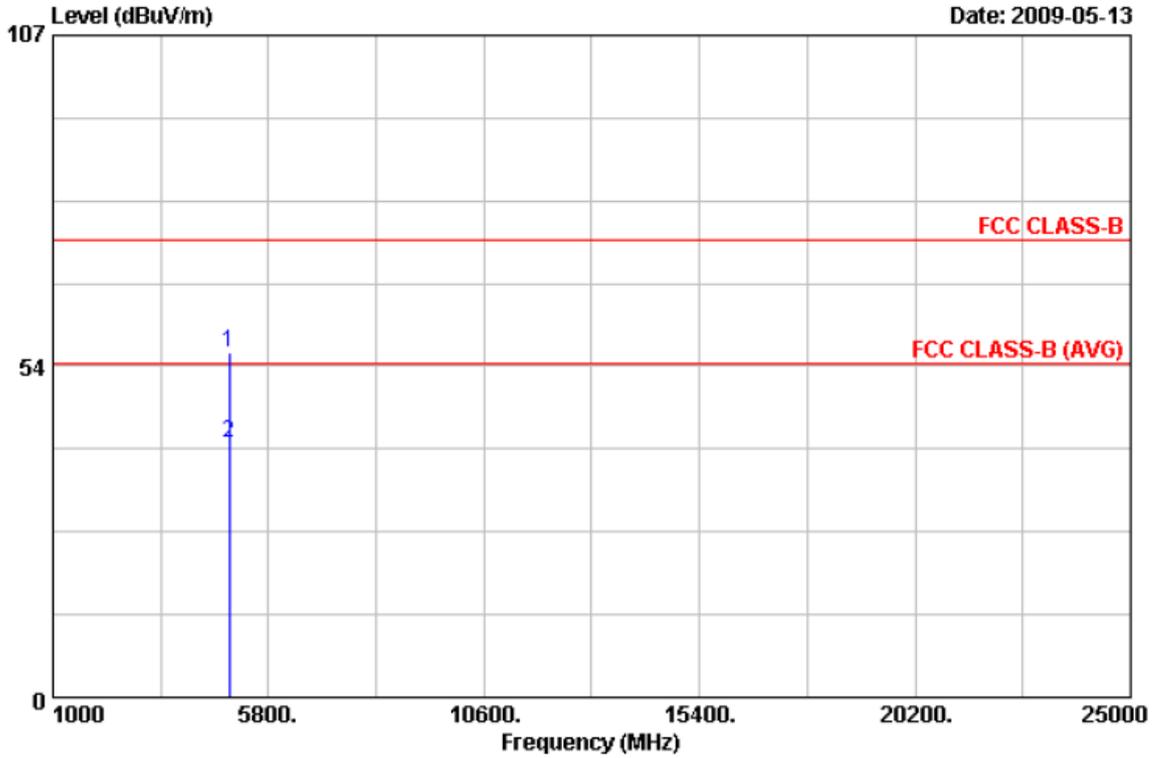
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.09	32.68	8.03	40.71	54.00	-13.29	Average	150	224
2	4924.32	47.32	8.03	55.35	74.00	-18.65	Peak	150	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmit / Receive	Temperature	: 28 °C
Operation Channel	: 11	Humidity	: 56 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1022 hPa
Memo	:	Rate	: 11 Mbps



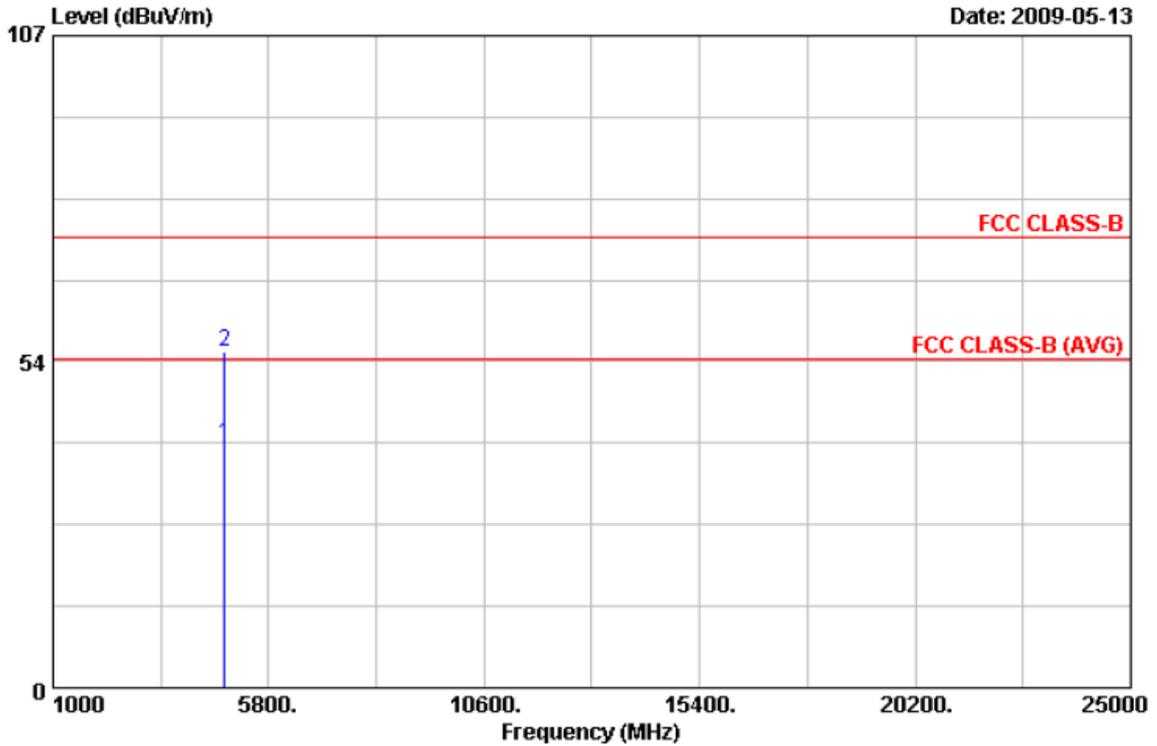
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4919.88	47.80	8.03	55.83	74.00	-18.17	Peak	150	161
2	4923.97	33.20	8.03	41.23	54.00	-12.77	Average	150	161

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmit / Receive	Temperature	: 28 °C
Operation Channel	: 1	Humidity	: 56 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1022 hPa
Memo	:	Rate	: 54 Mbps



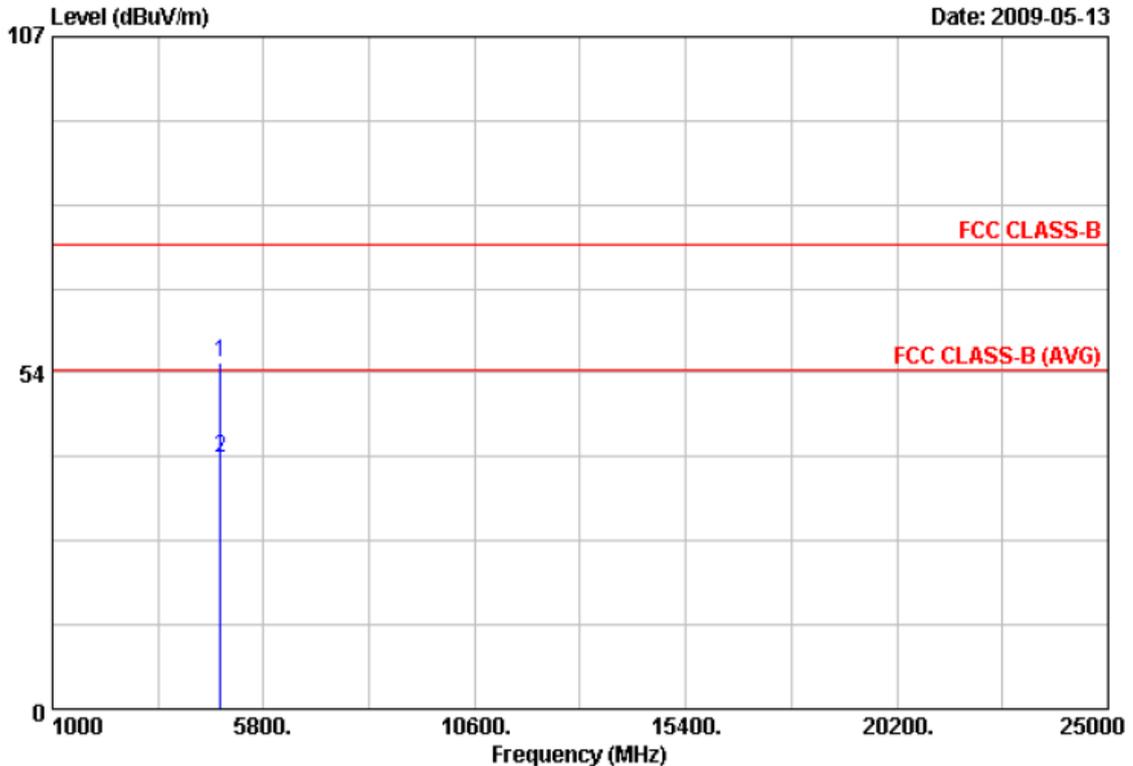
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.65	32.37	7.69	40.06	54.00	-13.94	Average	150	247
2	4828.10	47.45	7.72	55.17	74.00	-18.83	Peak	150	247

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmit / Receive	Temperature	: 28 °C
Operation Channel	: 1	Humidity	: 56 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1022 hPa
Memo	:	Rate	: 54 Mbps



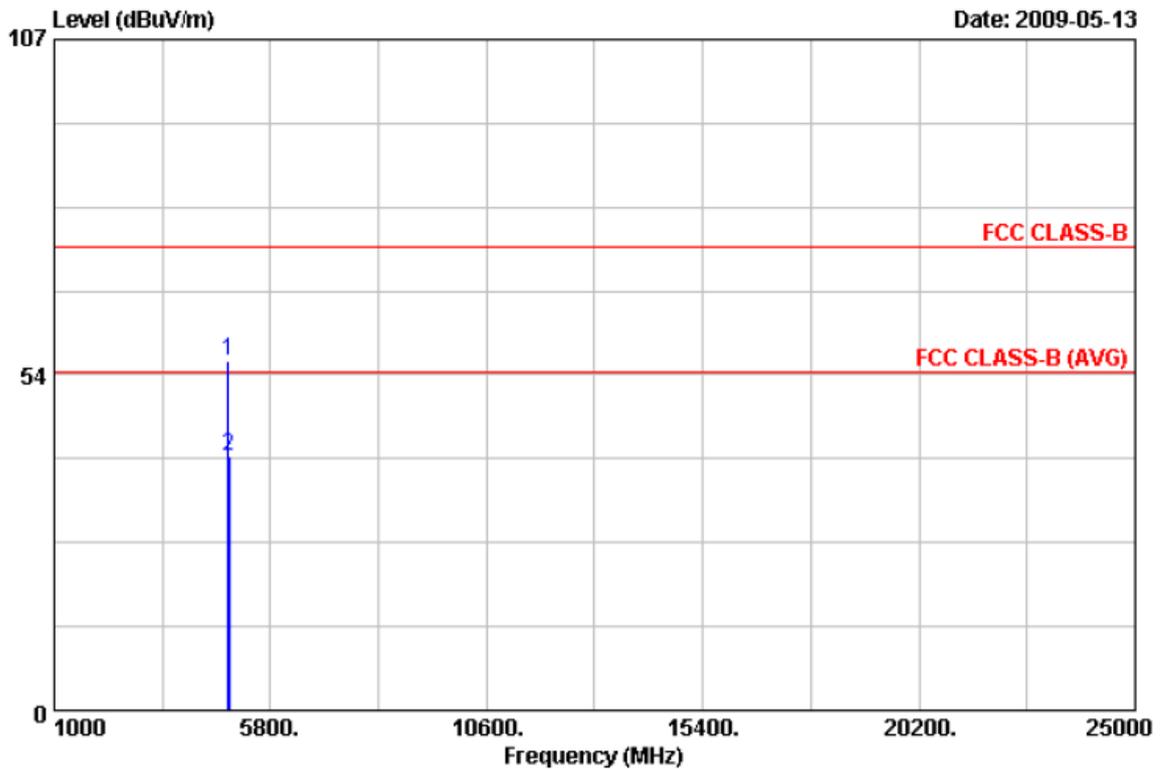
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.92	47.31	7.69	55.00	74.00	-19.00	Peak	150	205
2	4827.25	32.35	7.72	40.07	54.00	-13.93	Average	150	205

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmit / Receive	Temperature	: 28 °C
Operation Channel	: 6	Humidity	: 56 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1022 hPa
Memo	:	Rate	: 54 Mbps



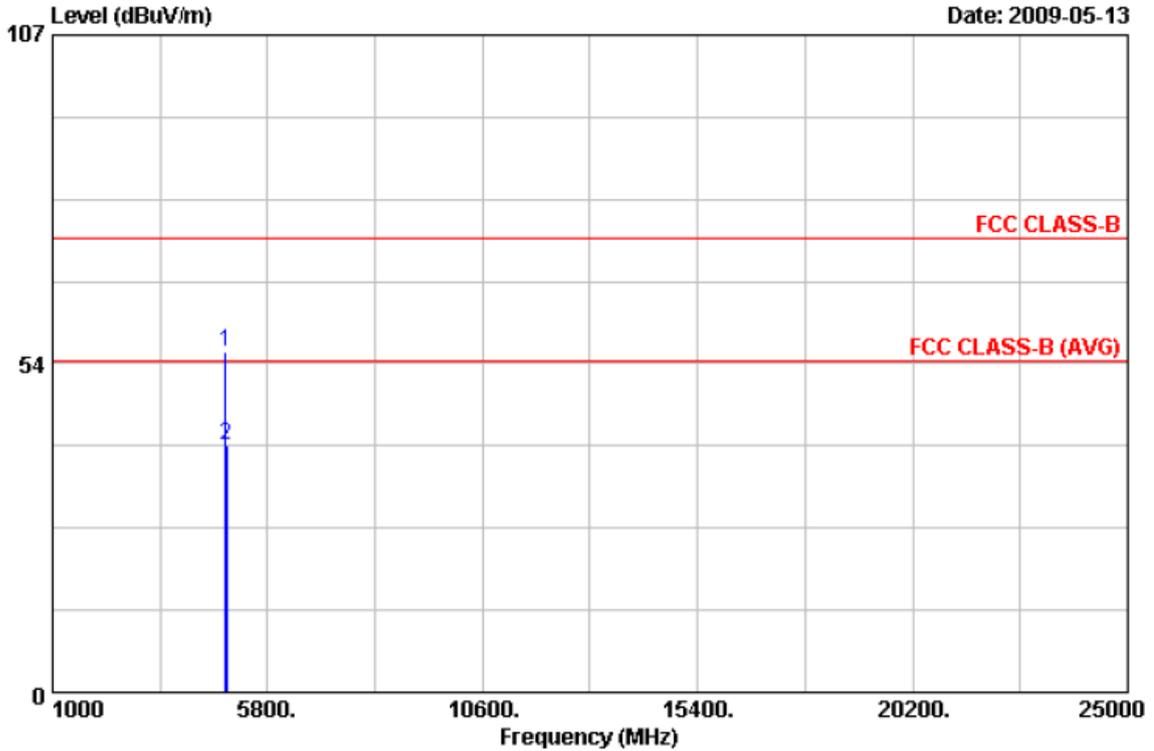
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4872.58	47.75	7.86	55.61	74.00	-18.39	Peak	150	140
2	4877.86	32.51	7.89	40.40	54.00	-13.60	Average	150	140

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmit / Receive	Temperature	: 28 °C
Operation Channel	: 6	Humidity	: 56 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1022 hPa
Memo	:	Rate	: 54 Mbps



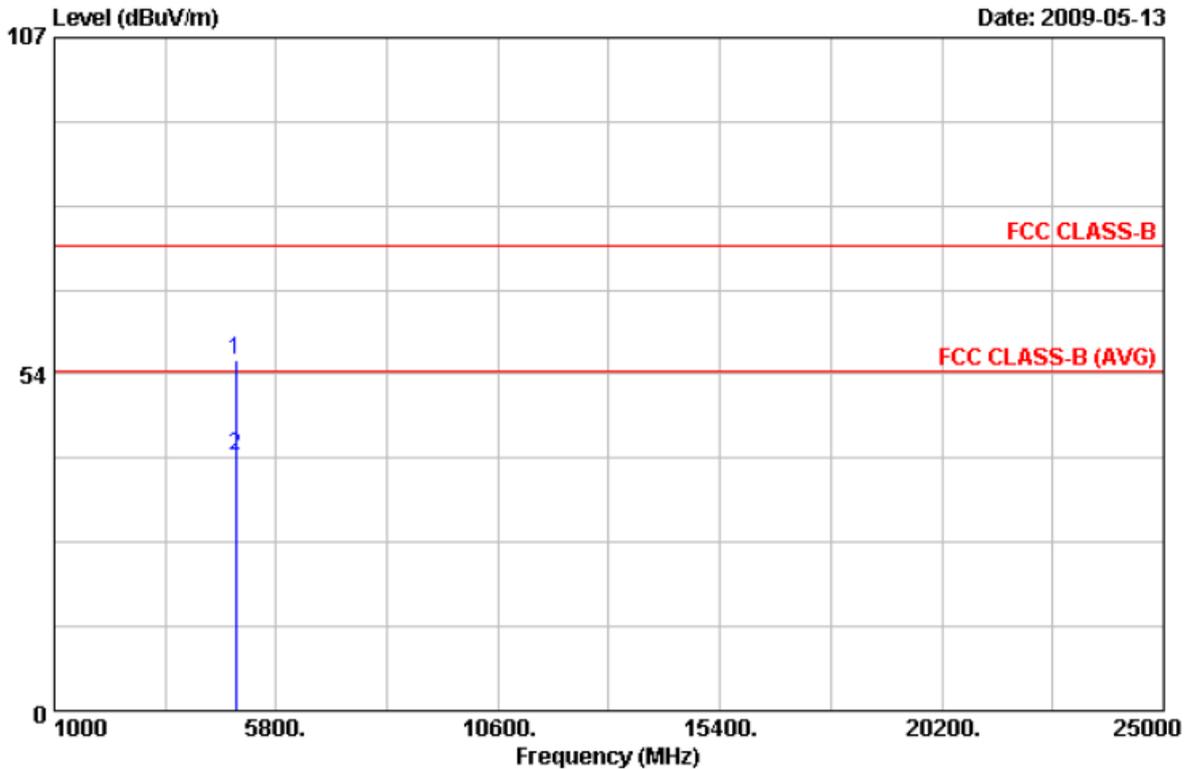
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4870.61	47.49	7.86	55.35	74.00	-18.65	Peak	150	140
2	4875.02	32.48	7.89	40.37	54.00	-13.63	Average	150	225

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmit / Receive	Temperature	: 28 °C
Operation Channel	: 11	Humidity	: 56 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1022 hPa
Memo	:	Rate	: 54 Mbps



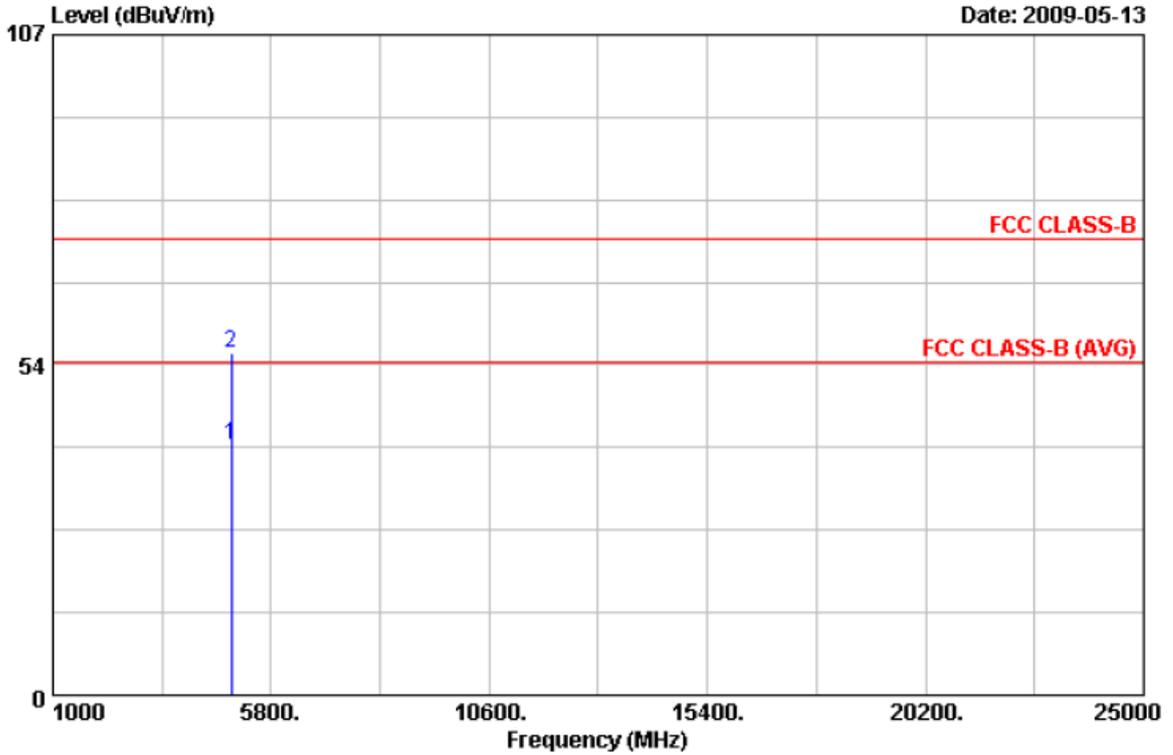
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4919.01	47.76	8.02	55.78	74.00	-18.22	Peak	150	192
2	4919.50	32.60	8.03	40.63	54.00	-13.37	Average	150	192

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmit / Receive	Temperature	: 28 °C
Operation Channel	: 11	Humidity	: 56 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1022 hPa
Memo	:	Rate	: 54 Mbps



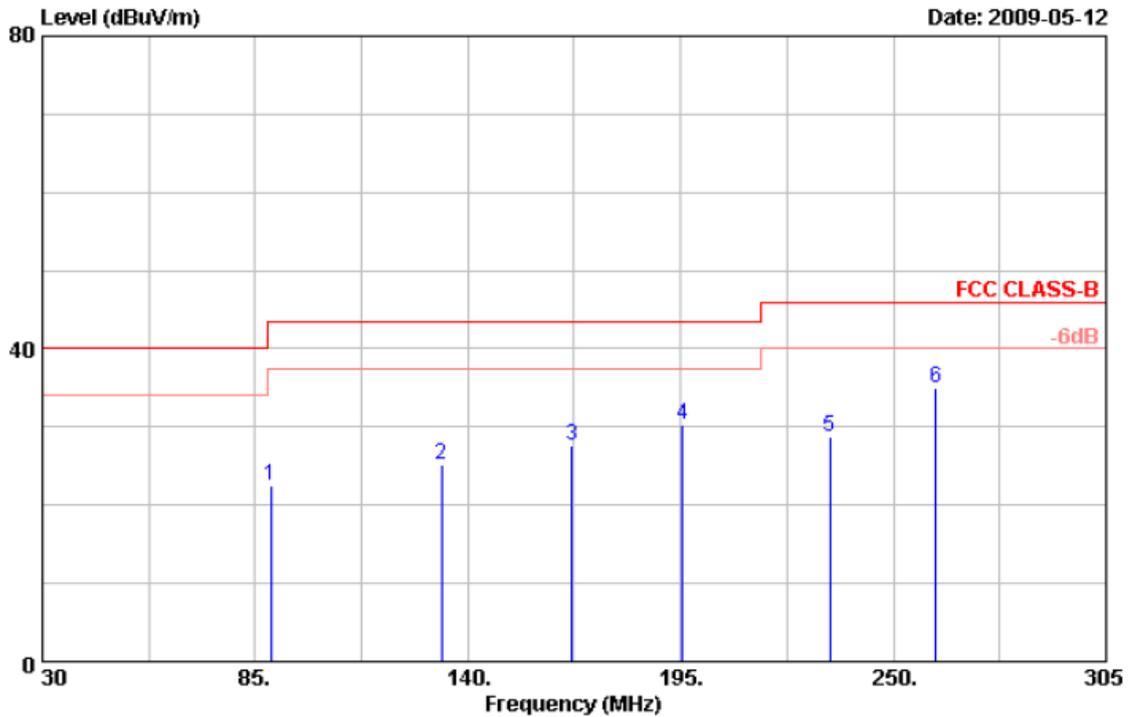
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4919.20	32.57	8.02	40.59	54.00	-13.41	Average	150	230
2	4926.46	47.26	8.06	55.32	74.00	-18.68	Peak	150	230

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmit / Receive	Temperature	: 26 °C
Operation Channel	: 1	Humidity	: 51 %
Modulation Type	: 802.11n HT20	Atmospheric Pressure	: 1019 hPa
Memo	:	Rate	: 65 Mbps



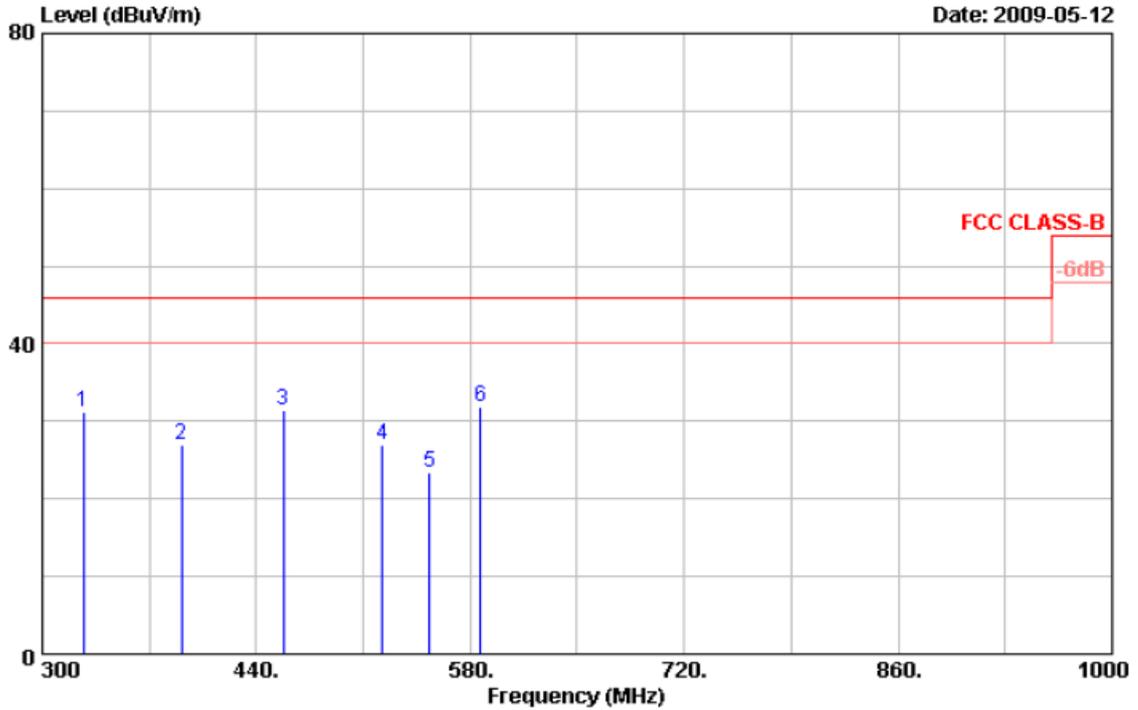
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	89.125	46.11	-23.63	22.48	43.50	-21.02	Peak	150	0
2	133.125	48.83	-23.55	25.28	43.50	-18.22	Peak	150	0
3	166.950	52.85	-25.28	27.57	43.50	-15.93	Peak	150	0
4	195.550	52.79	-22.40	30.39	43.50	-13.11	Peak	150	0
5	233.500	54.50	-25.65	28.85	46.00	-17.15	Peak	150	0
6	261.000	61.88	-26.81	35.07	46.00	-10.93	Peak	150	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmit / Receive	Temperature	: 26 °C
Operation Channel	: 1	Humidity	: 51 %
Modulation Type	: 802.11n HT20	Atmospheric Pressure	: 1019 hPa
Memo	:	Rate	: 65 Mbps



Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBUV/m	dB	dBUV/m	dBUV/m	dB		cm	Deg
1	326.600	57.37	-26.28	31.09	46.00	-14.91	Peak	100	0
2	391.000	53.56	-26.58	26.98	46.00	-19.02	Peak	100	0
3	457.500	58.73	-27.29	31.44	46.00	-14.56	Peak	100	0
4	522.600	55.32	-28.31	27.01	46.00	-18.99	Peak	100	0
5	553.400	48.17	-24.70	23.47	46.00	-22.53	Peak	100	0
6	587.000	58.23	-26.43	31.80	46.00	-14.20	Peak	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300KHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.