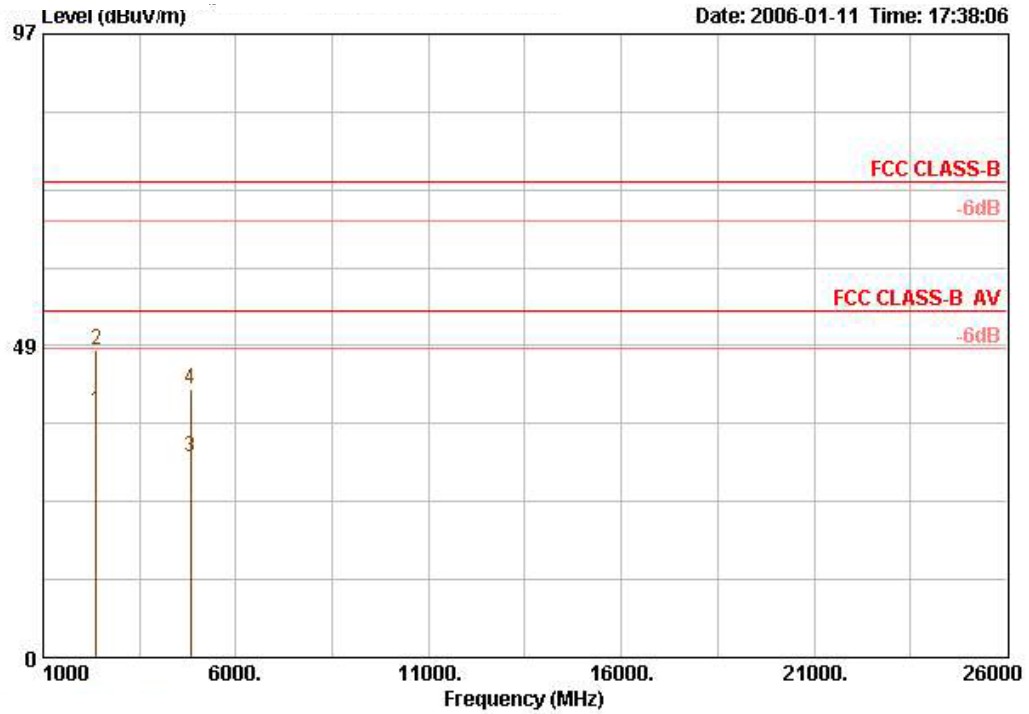
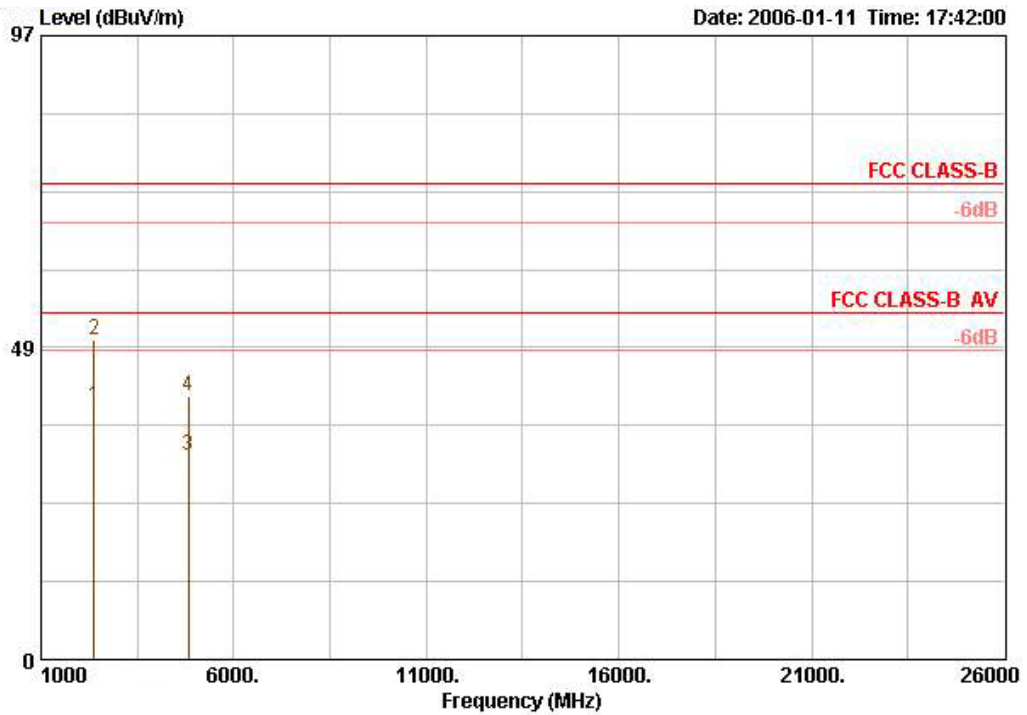


Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	V / Ant 19 / 802.11g ch 1



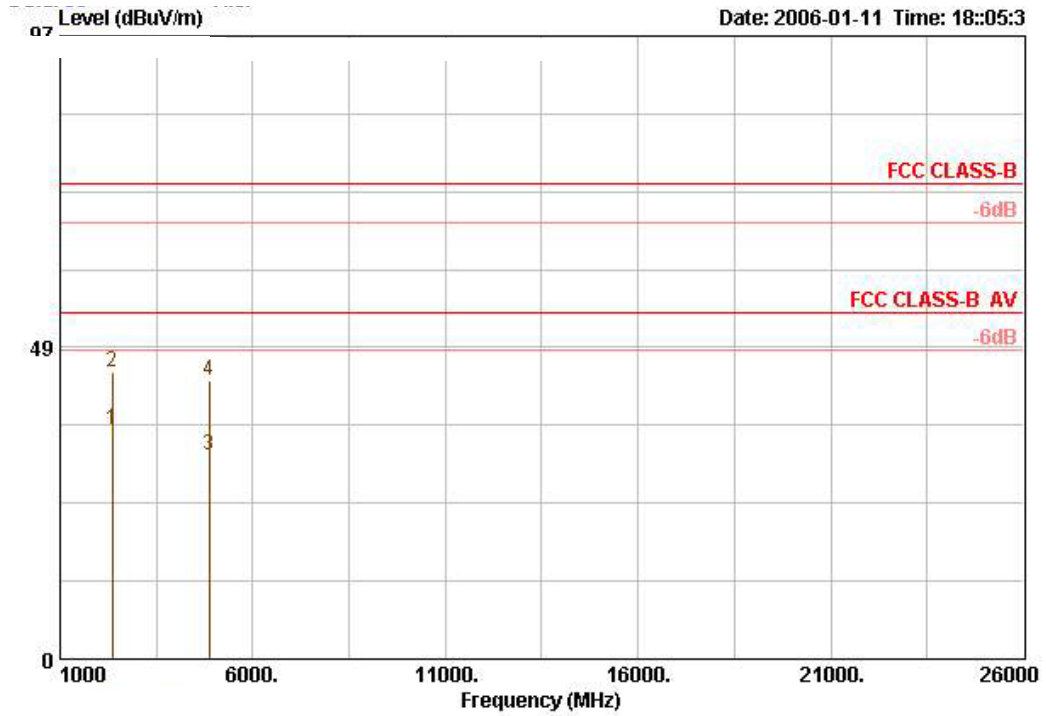
	Freq	Level	Over Limit	Limit	Antenna Line	Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m		dB	dB	dBuV		cm	deg
1	2371.900	38.39	-15.61	54.00	28.09		2.56	34.98	42.72	AVERAGE	126	347
2	2371.900	47.75	-26.25	74.00	28.09		2.56	34.98	52.08	PEAK	126	347
3	4824.200	31.11	-22.89	54.00	33.22		4.68	35.10	28.31	AVERAGE	126	290
4	4824.200	41.63	-32.37	74.00	33.22		4.68	35.10	38.84	PEAK	126	290

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	H / Ant 19 / 802.11g ch 1



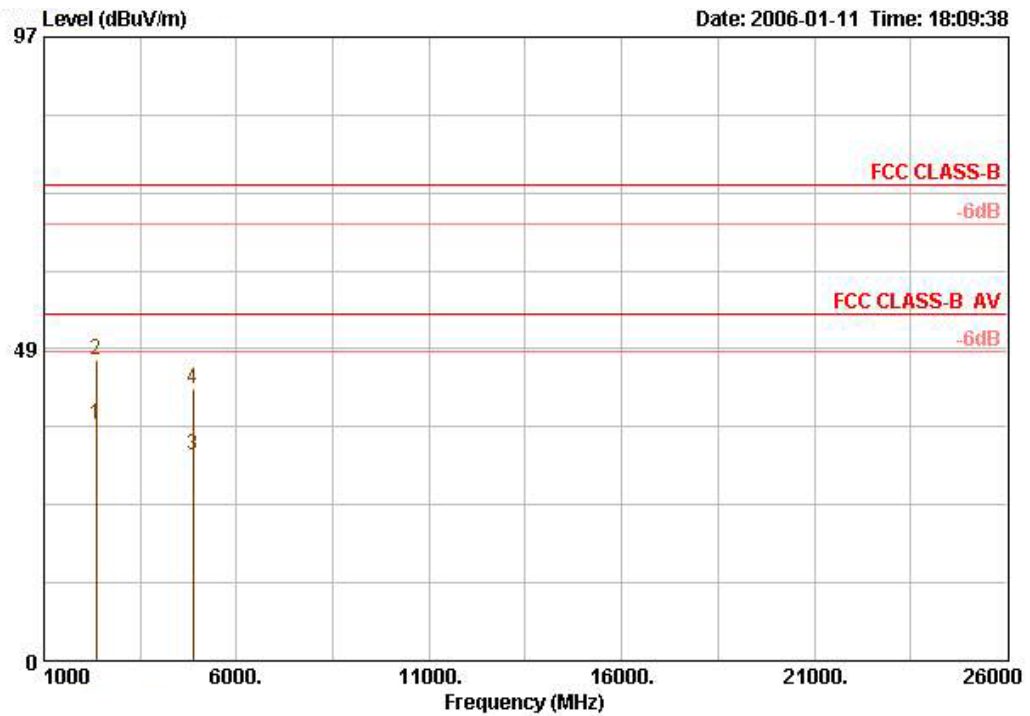
	Over	Limit	Antenna	Cable	Preamp	Read	Ant	Table	
Freq	Level	Limit	Line	Loss	Factor	Level	Pos	Pos	
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	cm	deg	
1	2372.080	39.37	-14.63	54.00	28.09	2.56 34.98	43.71	AVERAGE	121 365
2	2372.080	49.80	-24.20	74.00	28.09	2.56 34.98	54.13	PEAK	121 365
3	4823.980	31.70	-22.30	54.00	33.22	4.68 35.10	28.91	AVERAGE	138 197
4	4823.980	40.94	-33.06	74.00	33.22	4.68 35.10	38.15	PEAK	138 197

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	V / Ant 19 / 802.11g ch 6



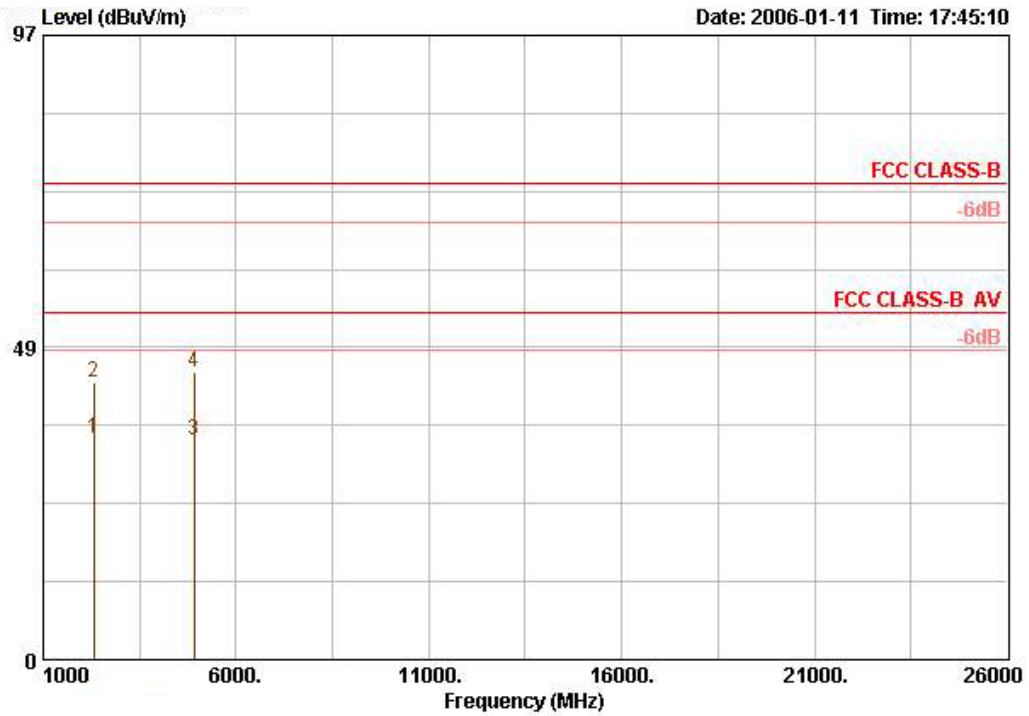
	Freq	Level	Over Limit	Limit	Antenna Line	Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBUV/m	dB	dBUV/m	dB/m	dB	dB	dB	dBUV		cm	deg
1	2356.960	35.81	-18.19	54.00	28.04	2.56	34.97	40.18	AVERAGE		105	4
2	2356.960	44.77	-29.23	74.00	28.04	2.56	34.97	49.14	PEAK		105	4
3	4873.980	31.63	-22.37	54.00	33.33	4.69	35.10	28.71	AVERAGE		106	342
4	4873.980	43.33	-30.67	74.00	33.33	4.69	35.10	40.40	PEAK		106	342

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	H / Ant 19 / 802.11g ch 6



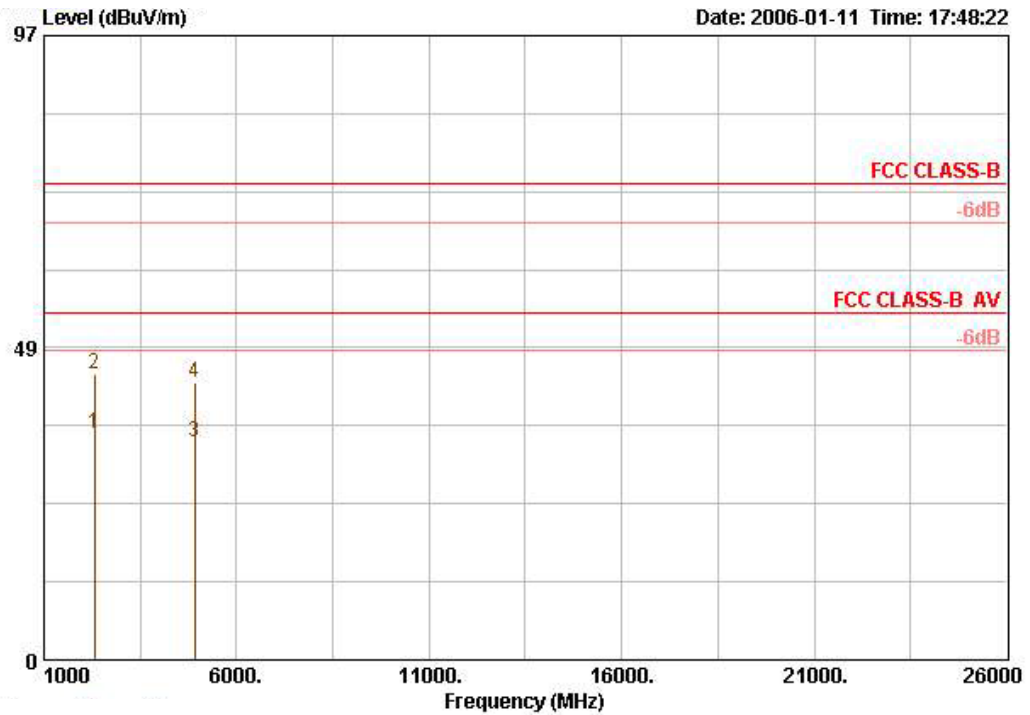
	Freq	Level	Over Limit	Limit	Antenna Line	Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dB	dBuV		cm	deg
1	2356.960	36.77	-17.23	54.00	28.04	2.56	34.97	41.14	AVERAGE		123	374
2	2356.960	46.68	-27.32	74.00	28.04	2.56	34.97	51.05	PEAK		123	374
3	4873.920	31.85	-22.15	54.00	33.33	4.69	35.10	28.93	AVERAGE		112	343
4	4873.920	42.22	-31.78	74.00	33.33	4.69	35.10	39.29	PEAK		112	343

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	V / Ant 19 / 802.11g ch 11



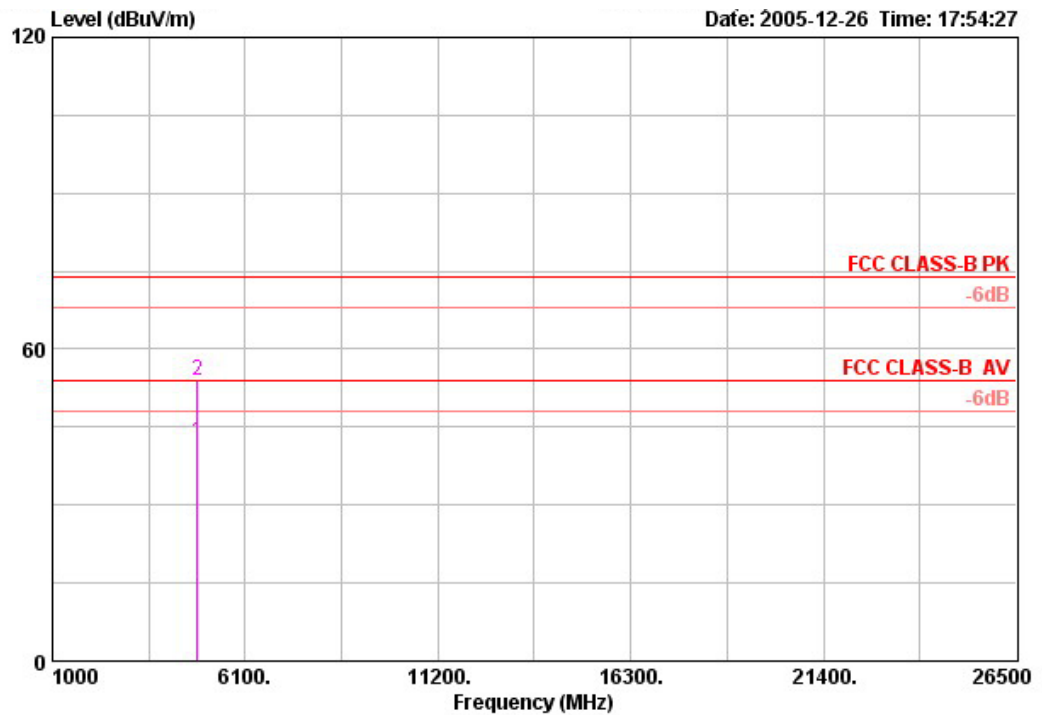
	Freq	Level	Over Limit	Limit	Antenna Line	Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBUV/m	dB	dBUV/m	dB/m		dB	dB	dBUV		cm	deg
1	2320.060	34.35	-19.65	54.00	27.95		2.53	34.97	38.83	AVERAGE	132	358
2	2320.060	43.15	-30.85	74.00	27.95		2.53	34.97	47.63	PEAK	132	358
3	4923.840	34.04	-19.96	54.00	33.45		4.73	35.10	30.96	AVERAGE	129	304
4	4923.840	44.65	-29.35	74.00	33.45		4.73	35.10	41.58	PEAK	129	304

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	H / Ant 19 / 802.11g ch 11



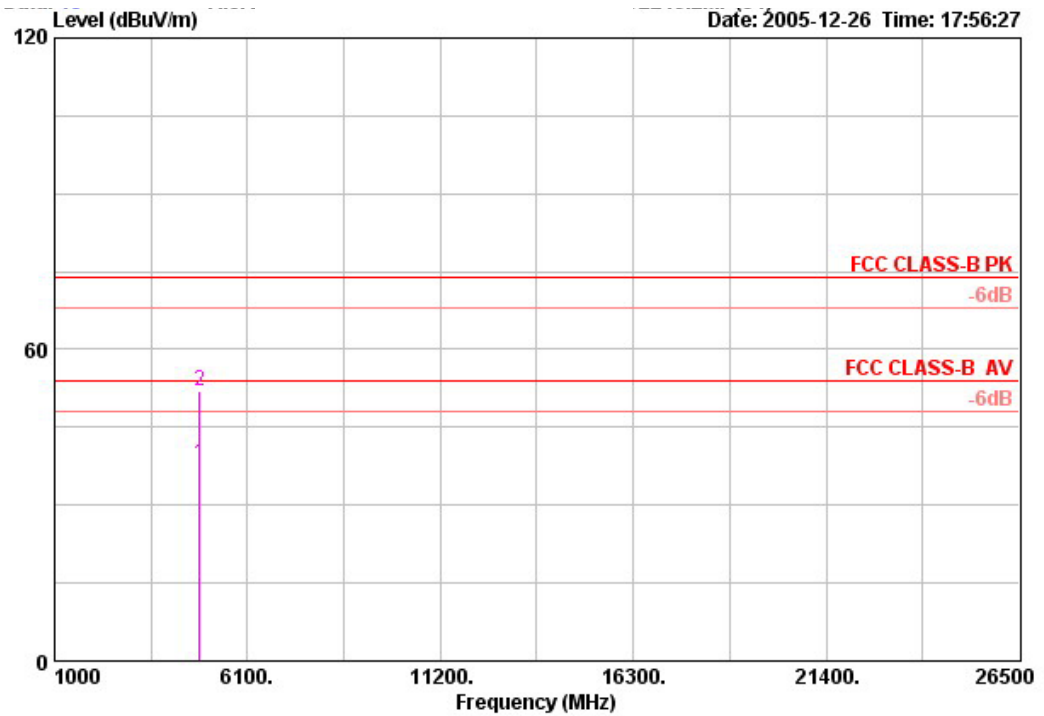
	Freq	Level	Over Limit	Limit	Antenna Line Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV		cm	deg
1	2320.060	35.09	-18.91	54.00	27.95	2.53	34.97	39.57	AVERAGE	100	5
2	2320.060	44.45	-29.55	74.00	27.95	2.53	34.97	48.93	PEAK	100	5
3	4923.840	33.70	-20.30	54.00	33.45	4.73	35.10	30.63	AVERAGE	112	237
4	4923.840	43.02	-30.98	74.00	33.45	4.73	35.10	39.94	PEAK	112	237

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	V / Ant 2 / 802.11b ch 1



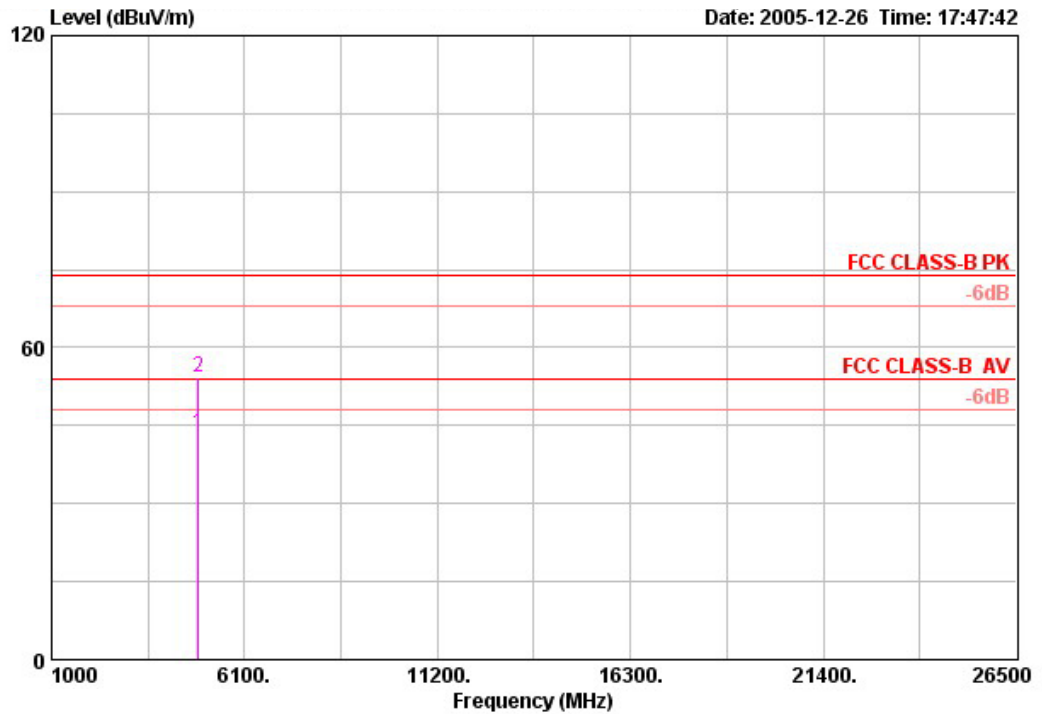
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4824.012	42.34	-11.66	54.00	32.86	32.83	11.82	35.16	AVERAGE	---	---
2	4824.032	53.94	-20.06	74.00	44.45	32.83	11.82	35.16	PEAK	---	---

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	H / Ant 2 / 802.11b ch 1



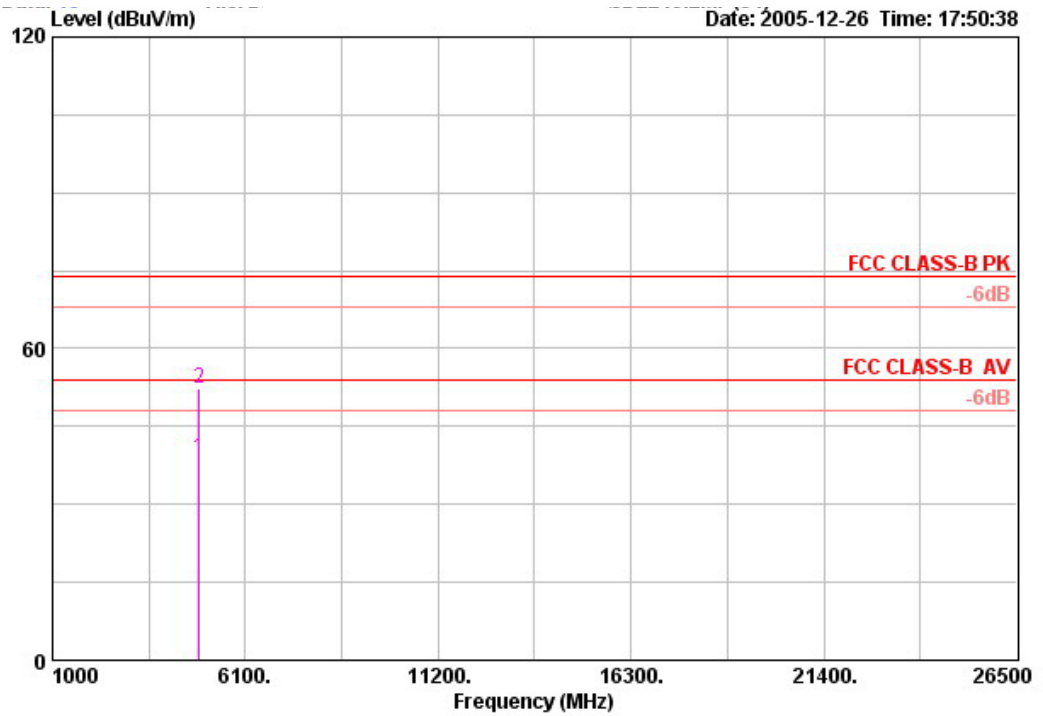
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4823.974	38.08	-15.92	54.00	28.60	32.83	11.82	35.16	AVERAGE	---	---
2	4824.444	51.86	-22.14	74.00	42.38	32.83	11.82	35.16	PEAK	---	---

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	V / Ant 2 / 802.11b ch 6



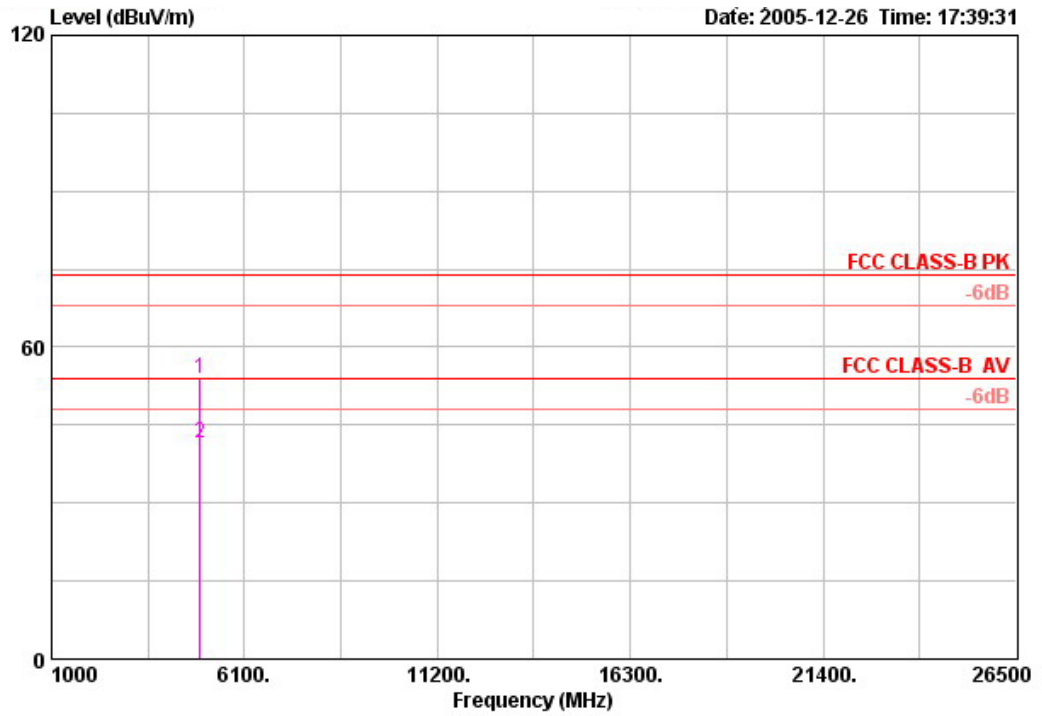
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4873.988	43.49	-10.51	54.00	33.89	32.88	11.87	35.15	AVERAGE	---	---
2	4874.104	54.12	-19.88	74.00	44.52	32.88	11.87	35.15	PEAK	---	---

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	H / Ant 2 / 802.11b ch 6



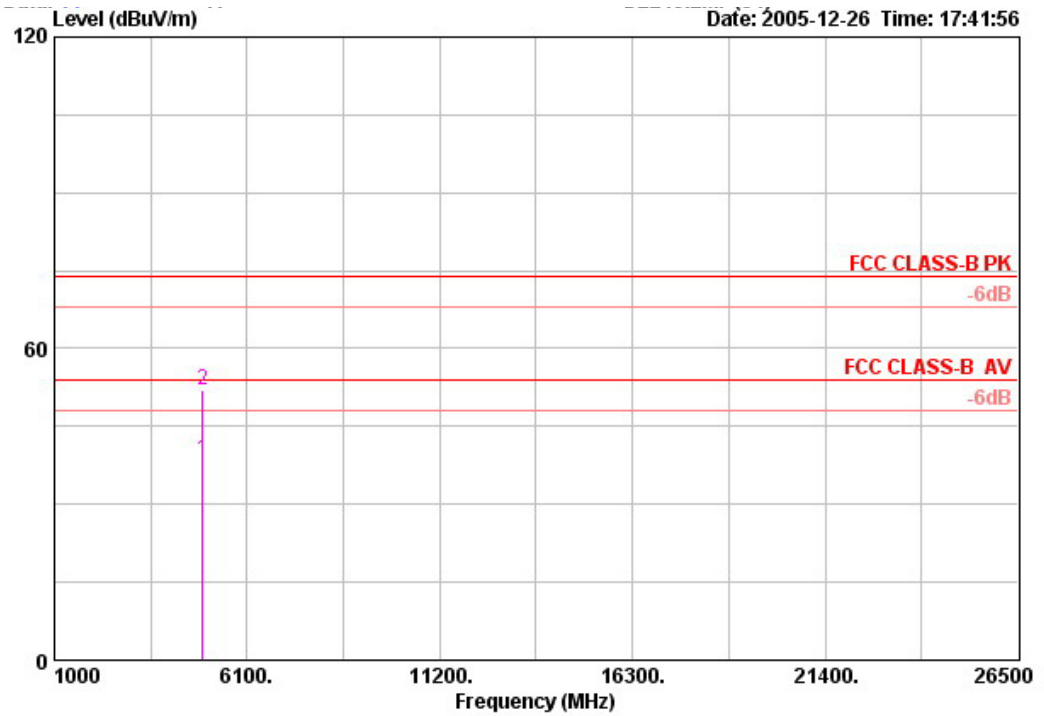
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4874.048	38.95	-15.05	54.00	29.36	32.88	11.87	35.15	AVERAGE	---	---
2	4874.384	52.31	-21.69	74.00	42.72	32.88	11.87	35.15	PEAK	---	---

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	V / Ant 2 / 802.11b ch 11



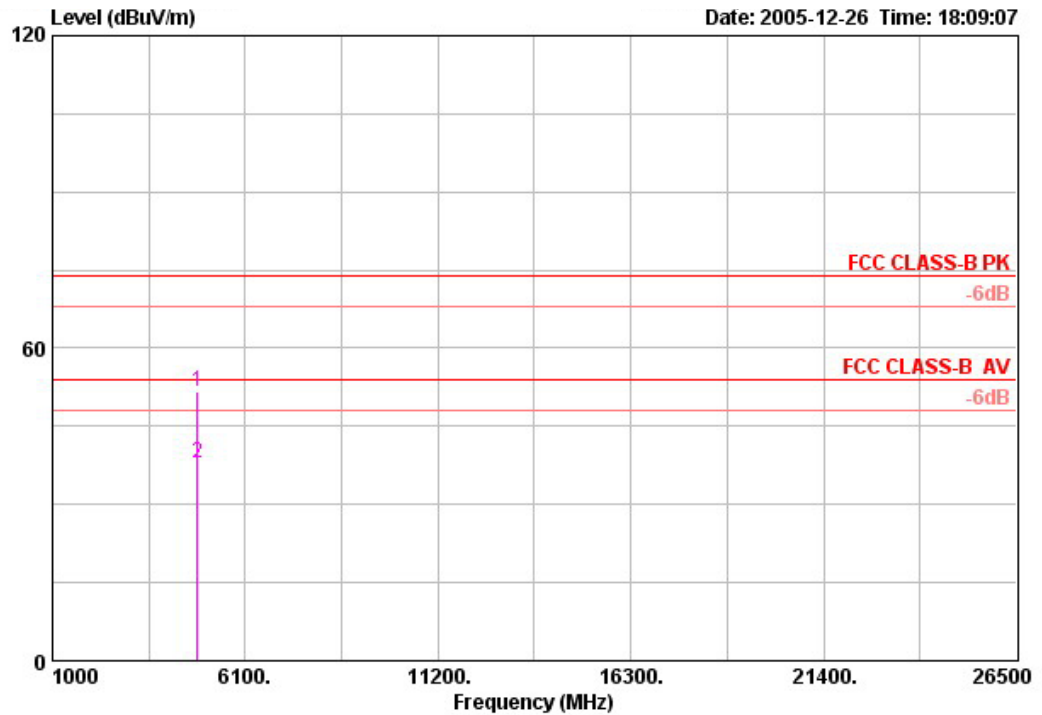
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg
1	4923.638	53.92	-20.08	74.00	44.24	32.93	11.89	35.14	PEAK	---	---
2	4924.012	41.45	-12.55	54.00	31.77	32.93	11.89	35.14	AVERAGE	---	---

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	H / Ant 2 / 802.11b ch 11



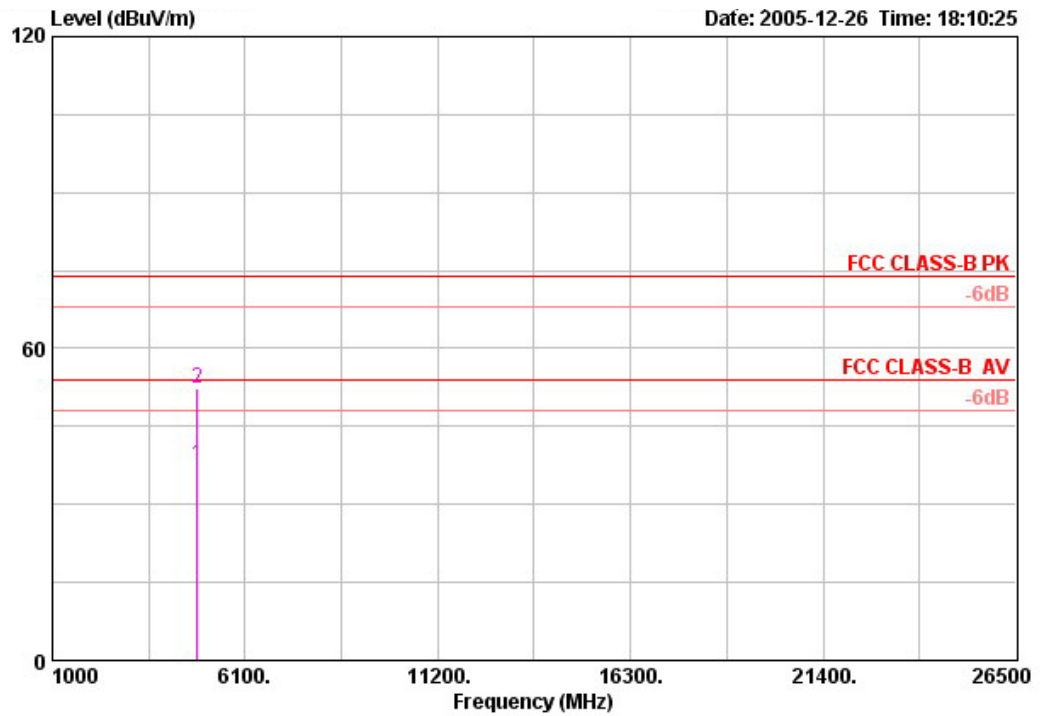
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4924.088	38.50	-15.50	54.00	28.82	32.93	11.89	35.14	AVERAGE	---	---
2	4924.224	52.00	-22.00	74.00	42.32	32.93	11.89	35.14	PEAK	---	---

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	V / Ant 2 / 802.11g ch 1



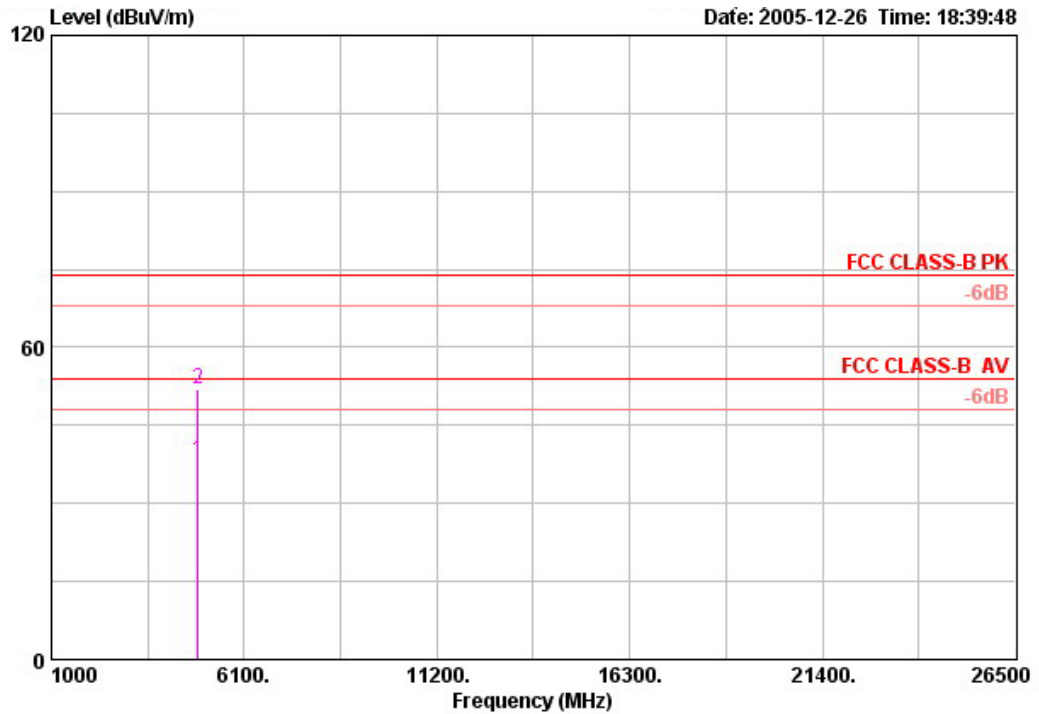
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4824.120	51.73	-22.27	74.00	42.25	32.83	11.82	35.16	PEAK	---	---
2	4824.174	37.85	-16.15	54.00	28.36	32.83	11.82	35.16	AVERAGE	---	---

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	H / Ant 2 / 802.11g ch 1



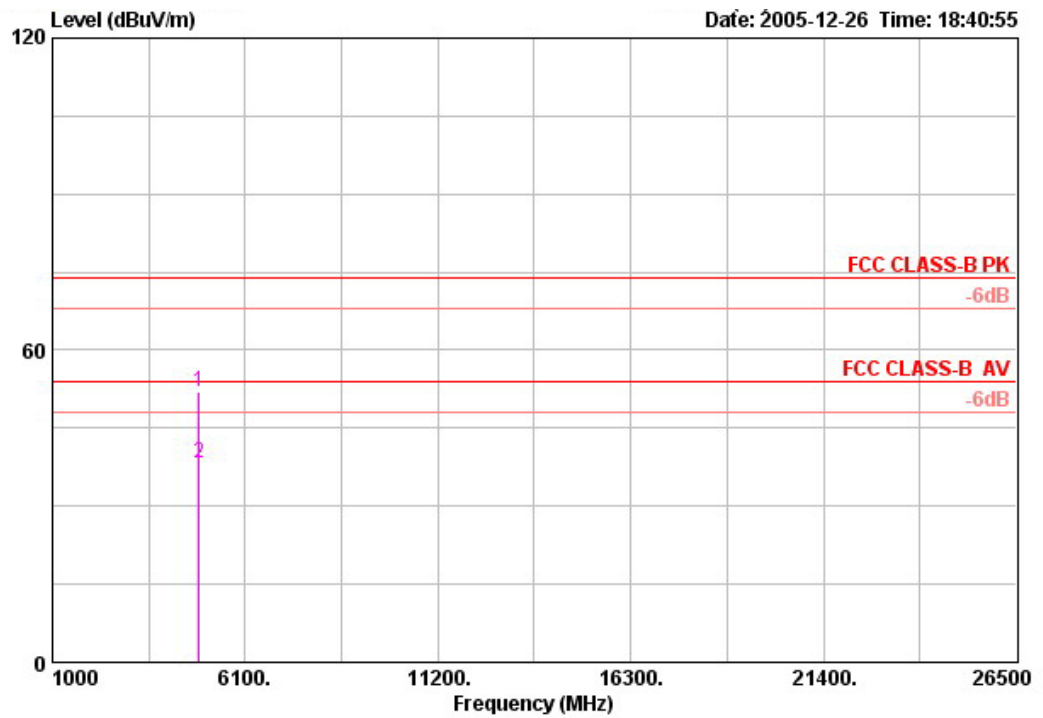
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg
1	4823.979	37.74	-16.26	54.00	28.26	32.83	11.82	35.16	AVERAGE	---	---
2	4823.989	52.19	-21.81	74.00	42.71	32.83	11.82	35.16	PEAK	---	---

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	V / Ant 2 / 802.11g ch 6



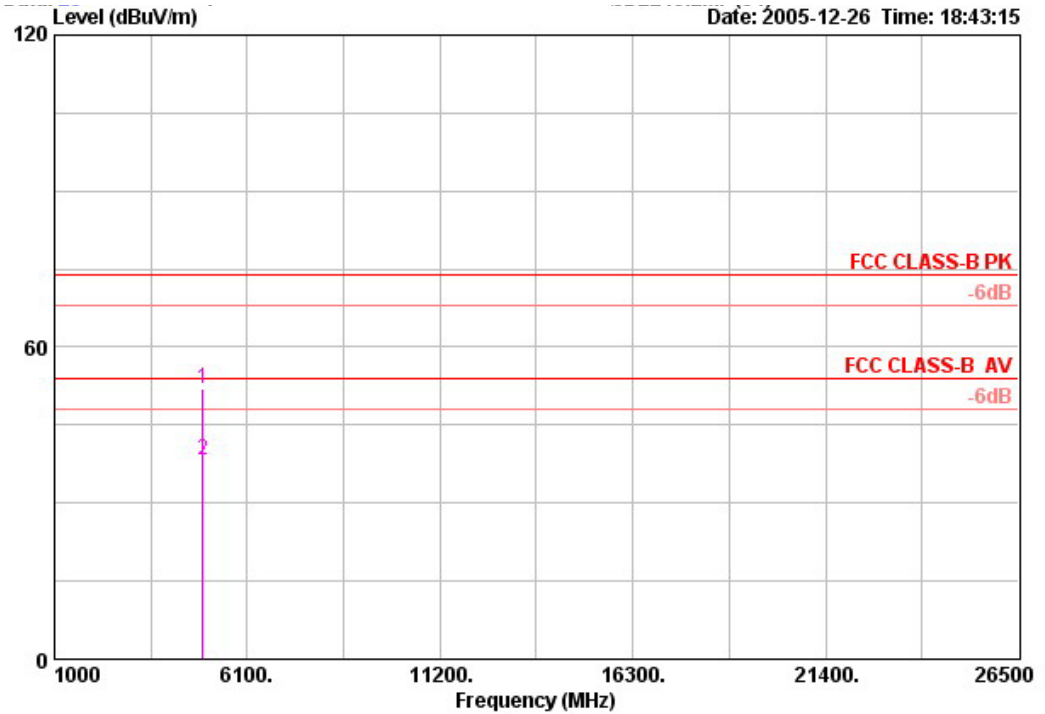
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4874.078	38.30	-15.70	54.00	28.71	32.88	11.87	35.15	AVERAGE	---	---
2	4874.082	51.87	-22.13	74.00	42.27	32.88	11.87	35.15	PEAK	---	---

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	H / Ant 2 / 802.11g ch 6



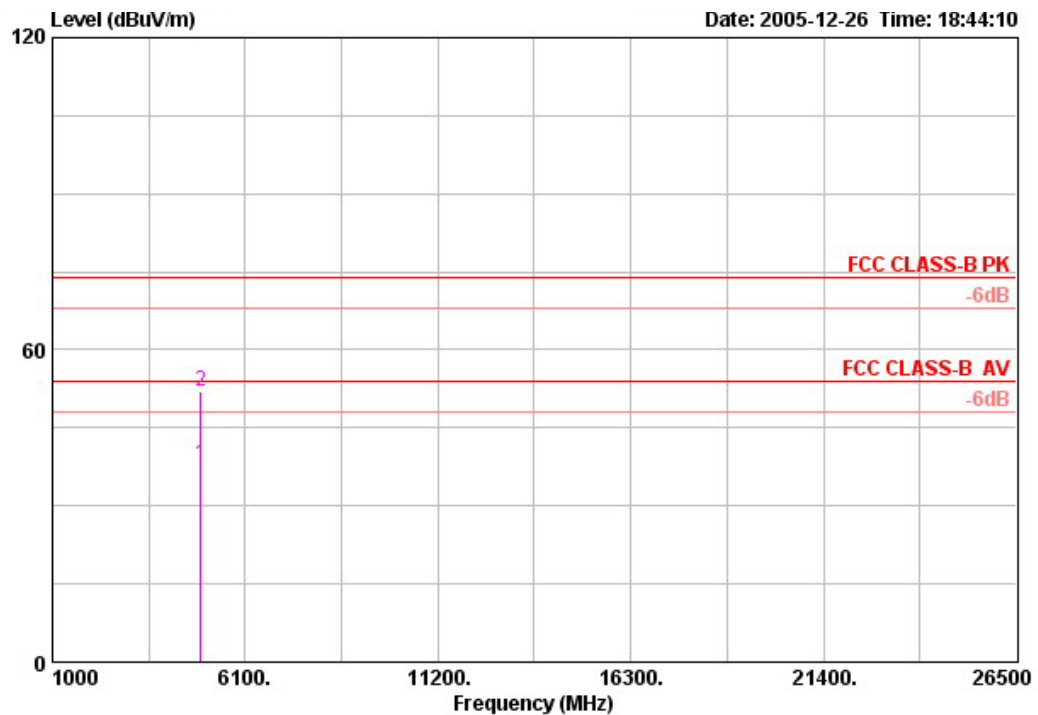
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4873.976	52.07	-21.93	74.00	42.48	32.88	11.87	35.15	PEAK	---	---
2	4874.025	38.22	-15.78	54.00	28.62	32.88	11.87	35.15	AVERAGE	---	---

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	V / Ant 2 / 802.11g ch 11



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4923.993	51.96	-22.04	74.00	42.28	32.93	11.89	35.14	PEAK	---	---
2	4924.025	38.10	-15.90	54.00	28.42	32.93	11.89	35.14	AVERAGE	---	---

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	H / Ant 2 / 802.11g ch 11



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg
1	4923.975	38.08	-15.92	54.00	28.40	32.93	11.89	35.14	AVERAGE	---	---
2	4923.982	51.97	-22.03	74.00	42.29	32.93	11.89	35.14	PEAK	---	---

Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Emission level (dBUV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Pol. : V is Vertical Polarization ; H is Horizontal Polarization.

4.6. Band Edge Emissions Measurement

4.6.1. Limit

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

4.6.2. Measuring Instruments and Setting

Please refer to section 5 in this report. The following table is the setting of the spectrum analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	100 MHz
RB / VB (emission in restricted band)	1MHz / 1MHz for Peak, 1 MHz / 10Hz for Average
RB / VB (other emission)	100 KHz /100 KHz for Peak

4.6.3. Test Procedures

1. The test procedure is the same as section 4.5.3, only the frequency range investigated is limited to 100MHz around bandedges.
2. In case the emission is fail due to the used RB/VB is too wide, marker-delta method of FCC Public Notice DA00-705 will be followed.

4.6.4. Test Setup Layout

This test setup layout is the same as that shown in section 4.5.4.

4.6.5. Test Deviation

There is no deviation with the original standard.

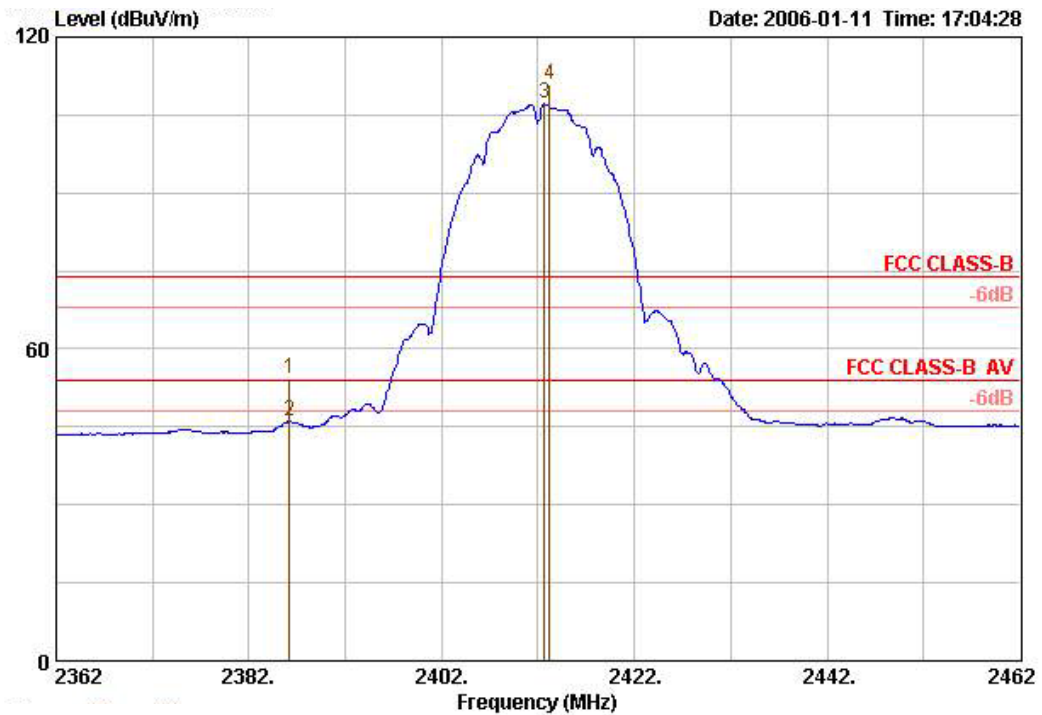
4.6.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

4.6.7. Test Result of Band Edge Emissions

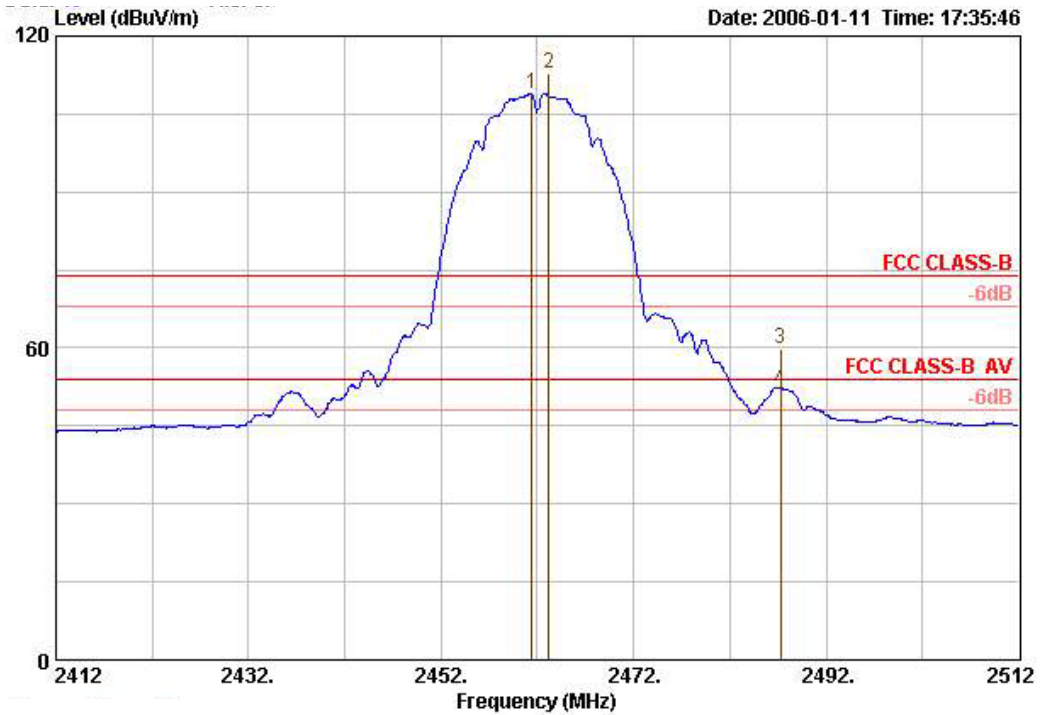
For Emission in Restricted Band

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	H / Ant 19 / 802.11b channel 1



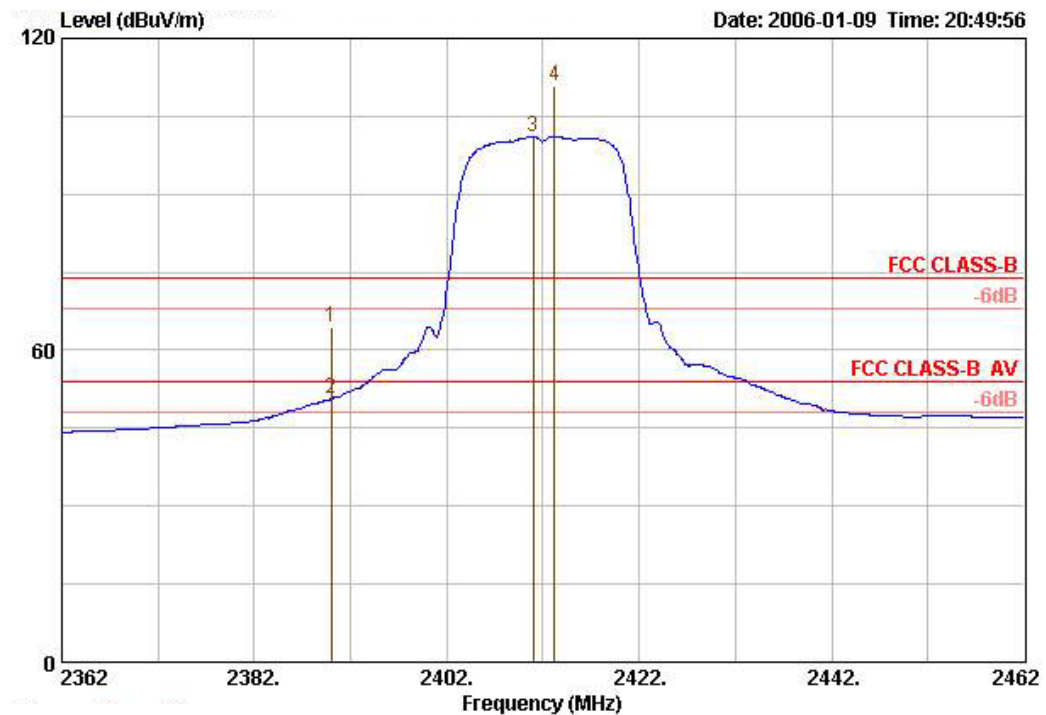
	Freq	Level	Over Limit	Limit	Antenna Line Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV		cm	deg
1	2386.200	54.32	-19.68	74.00	28.13	2.58	0.00	23.62	PEAK	115	168
2	2386.200	46.09	-7.91	54.00	28.13	2.58	0.00	15.38	AVERAGE	115	168

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	H / Ant 19 / 802.11b channel 11



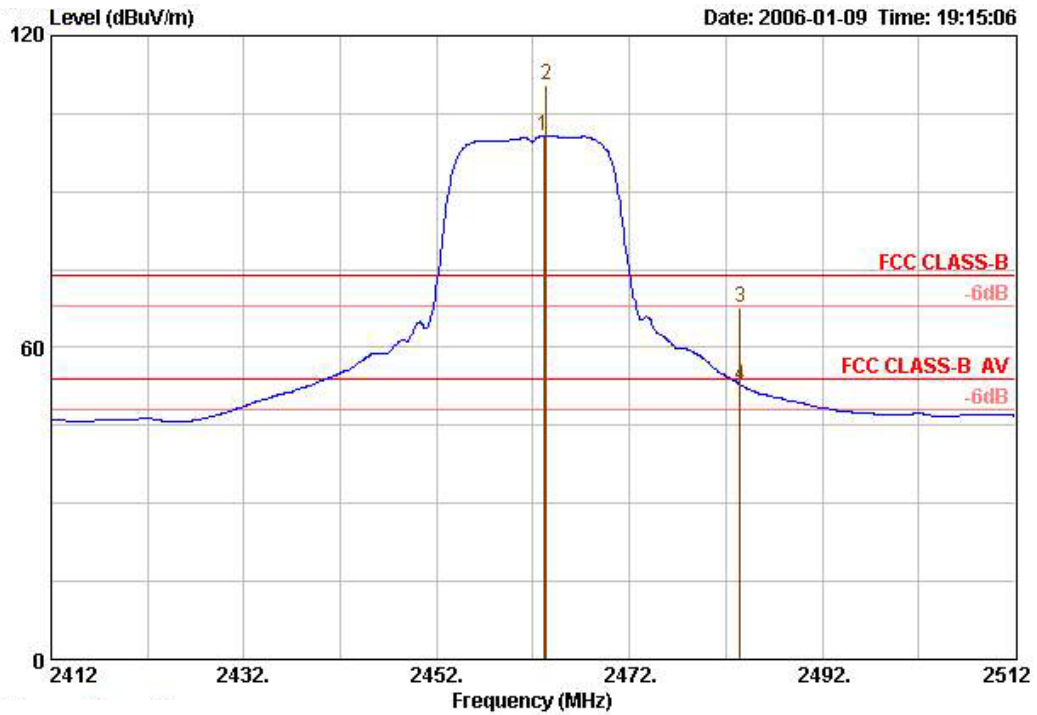
	Over	Limit	Antenna	Cable	Preamp	Read	Ant	Table			
Freq	Level	Limit	Line Factor	Loss Factor	Factor	Level	Pos	Pos			
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dBuV	cm	deg			
3	2487.300	59.81	-14.19	74.00	28.36	2.62	0.00	28.83	PEAK	113	163
4 !	2487.300	52.13	-1.87	54.00	28.36	2.62	0.00	21.16	AVERAGE	113	163

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	H / Ant 19 / 802.11g channel 1



	Freq	Level	Over Limit	Limit	Antenna Line	Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m		dB	dB	dBuV		cm	deg
1	2390.000	64.26	-9.74	74.00	28.13		2.58	0.00	33.55	PEAK	114	3
2	2390.000	50.63	-3.37	54.00	28.13		2.58	0.00	19.92	AVERAGE	114	3

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	H / Ant 19 / 802.11g channel 11



	Over	Limit	Antenna	Cable	Preamp	Read	Ant	Table		
Freq	Level	Limit	Line	Loss	Factor	Level	Pos	Pos		
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	cm	deg		
3	2483.500	67.59	-6.41	74.00	28.36	2.62	0.00	36.61 PEAK	112	5
4 !	2483.500	52.74	-1.26	54.00	28.36	2.62	0.00	21.76 AVERAGE	112	5

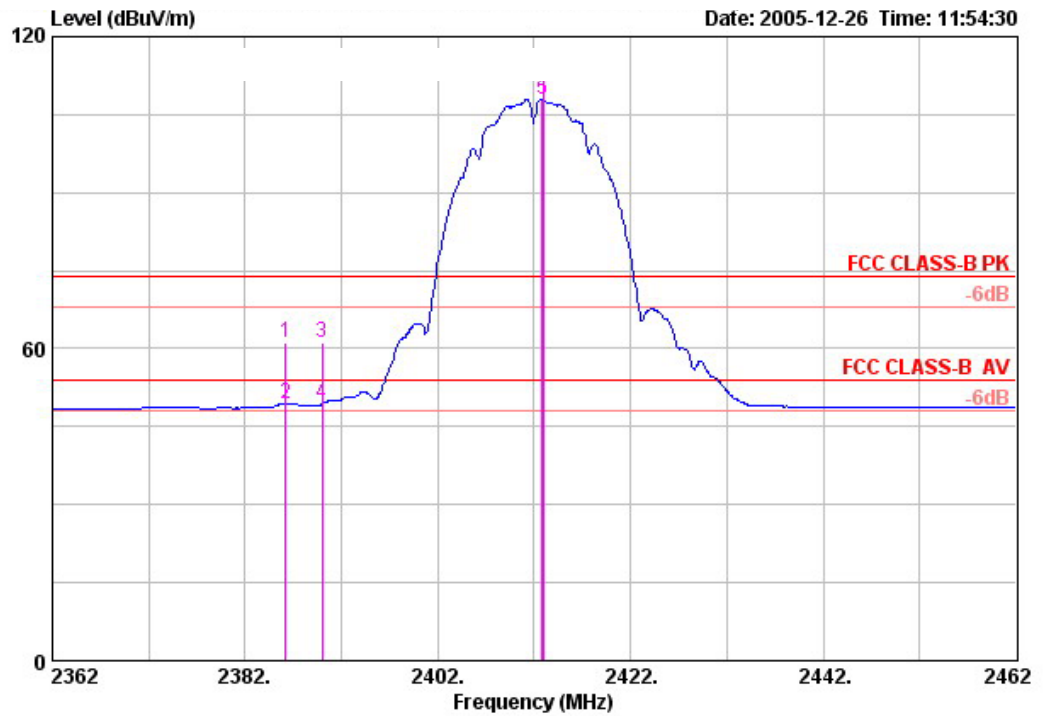
Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

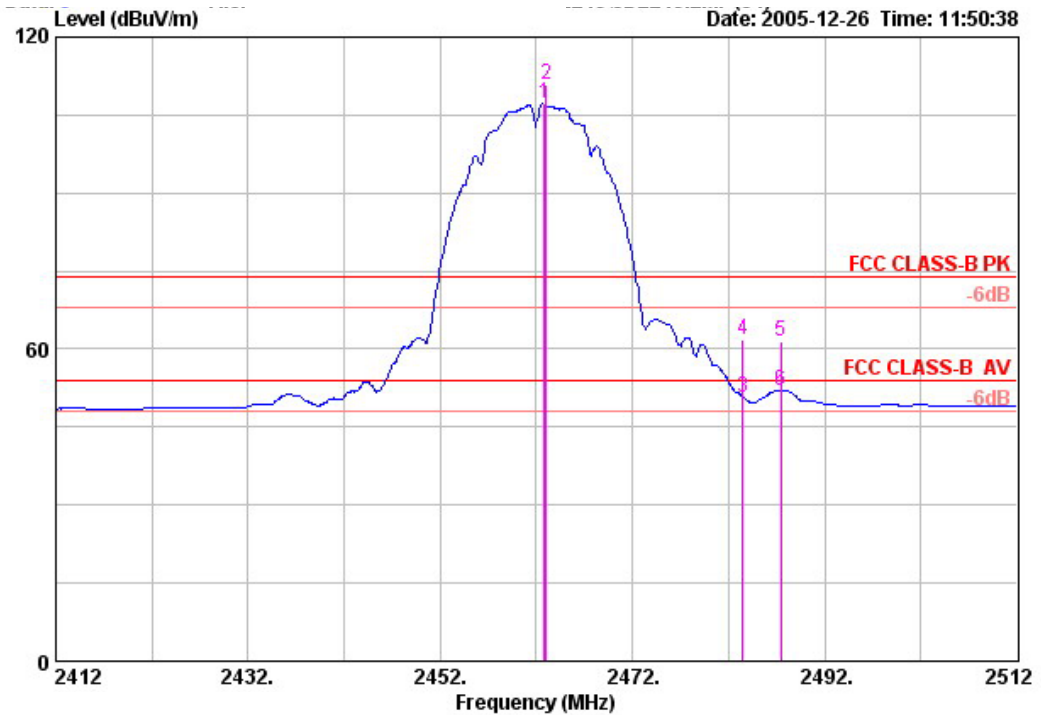
Receiving maximum band edge emissions are Horizontal Polarization.

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	V/ Ant 2 / 802.11b channel 1



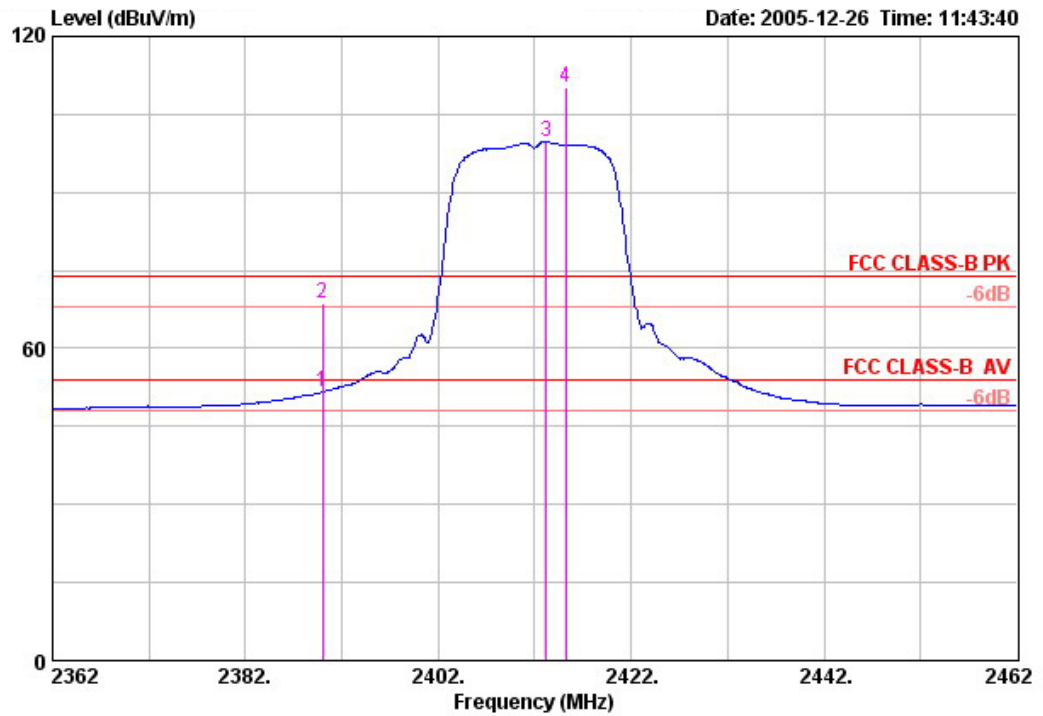
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg
1	2386.200	61.03	-12.97	74.00	25.43	28.88	6.72	0.00	PEAK	---	---
2 *	2386.200	49.47	-4.53	54.00	13.87	28.88	6.72	0.00	AVERAGE	---	---
3	2390.000	61.09	-12.91	74.00	25.49	28.88	6.72	0.00	PEAK	---	---
4 *	2390.000	49.25	-4.75	54.00	13.66	28.88	6.72	0.00	AVERAGE	---	---

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	V / Ant 2 / 802.11b channel 11



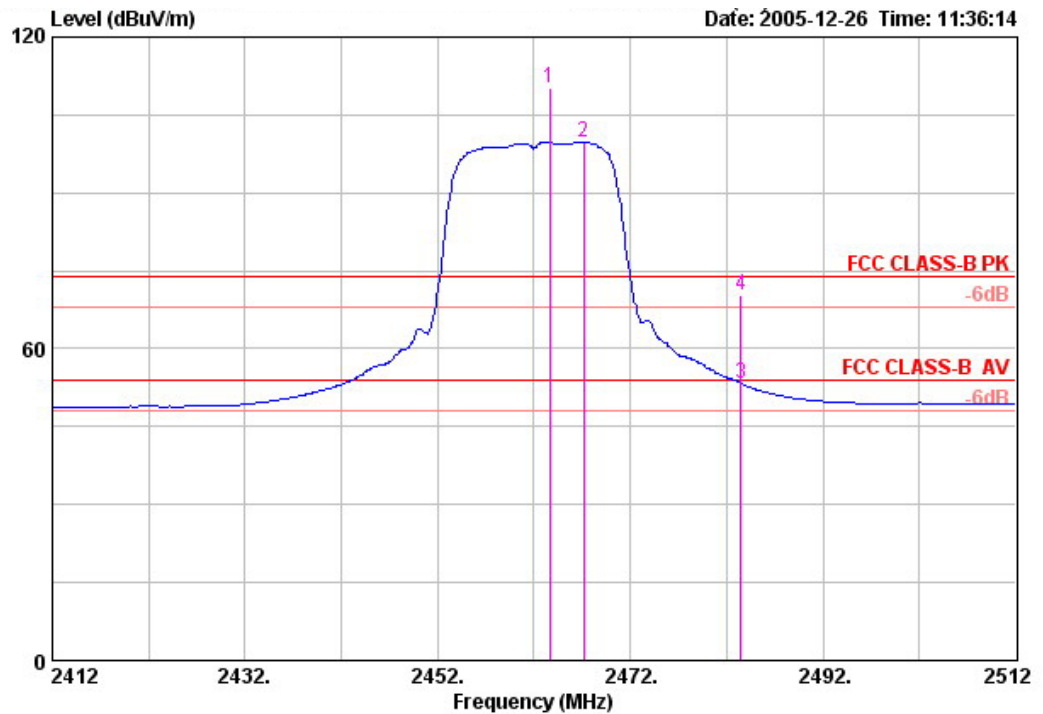
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
3	2483.500	50.70	-3.30	54.00	14.78	28.98	6.94	0.00	AVERAGE	---	---
4	2483.500	61.91	-12.09	74.00	25.99	28.98	6.94	0.00	PEAK	---	---
5	2487.400	61.60	-12.40	74.00	25.68	28.98	6.94	0.00	PEAK	---	---
6	2487.400	51.92	-2.08	54.00	16.00	28.98	6.94	0.00	AVERAGE	---	---

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	V / Ant 2 / 802.11g channel 1



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2390.000	51.56	-2.44	54.00	15.96	28.88	6.72	0.00	AVERAGE	---	---
2	2390.000	68.58	-5.42	74.00	32.98	28.88	6.72	0.00	PEAK	---	---

Temperature	20°C	Humidity	64%
Test Engineer	Rush Kao	Configurations	V / Ant 2 / 802.11g channel 11



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
3	2483.500	53.18	-0.82	54.00	17.26	28.98	6.94	0.00	AVERAGE	---	---
4	2483.500	70.14	-3.86	74.00	34.23	28.98	6.94	0.00	PEAK	---	---

Note:

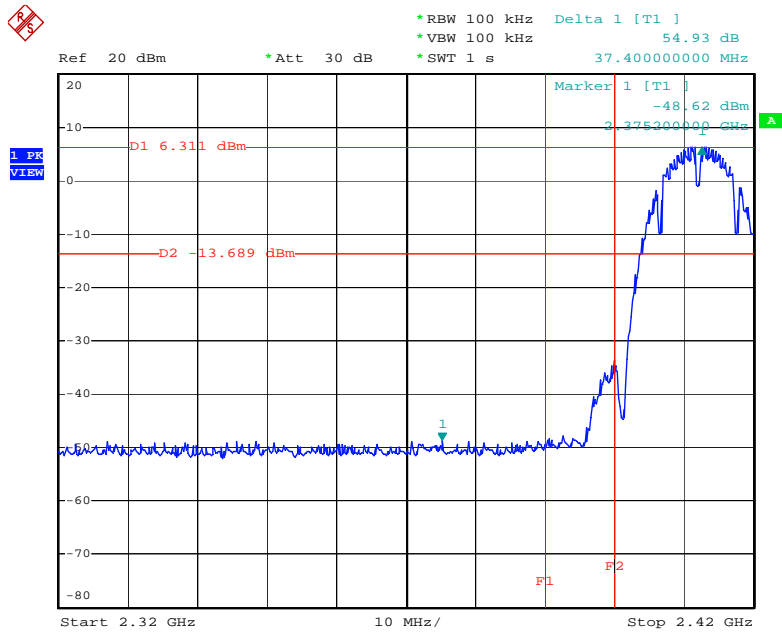
Emission level (dBUV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Receiving maximum band edge emissions are Vertical Polarization.

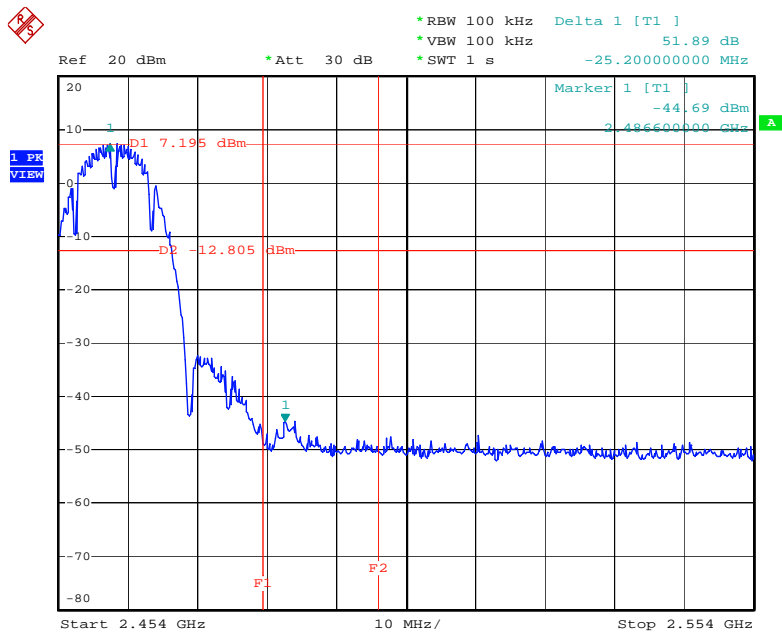
For Emission not in Restricted Band

Low Band Edge Plot on Configuration IEEE 802.11b / 2412 MHz



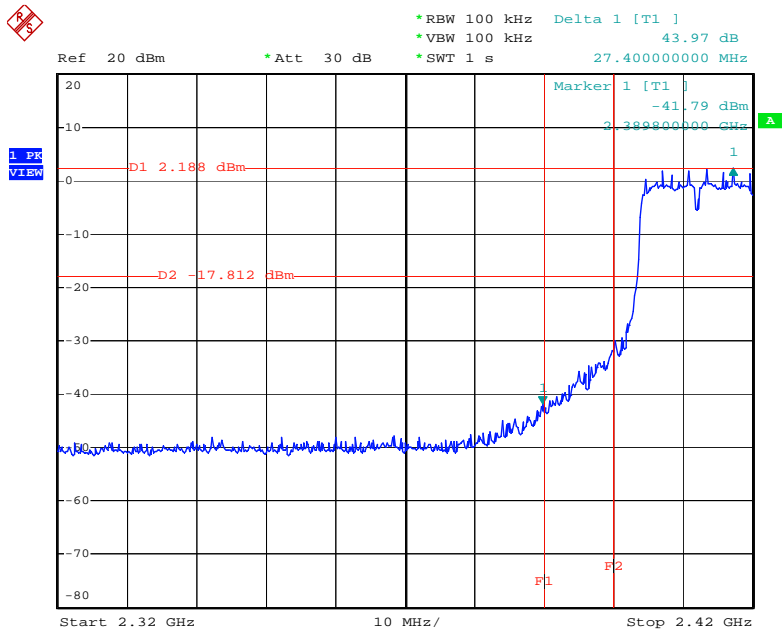
Date: 4.JAN.2006 22:53:35

High Band Edge Plot on Configuration IEEE 802.11b / 2462 MHz



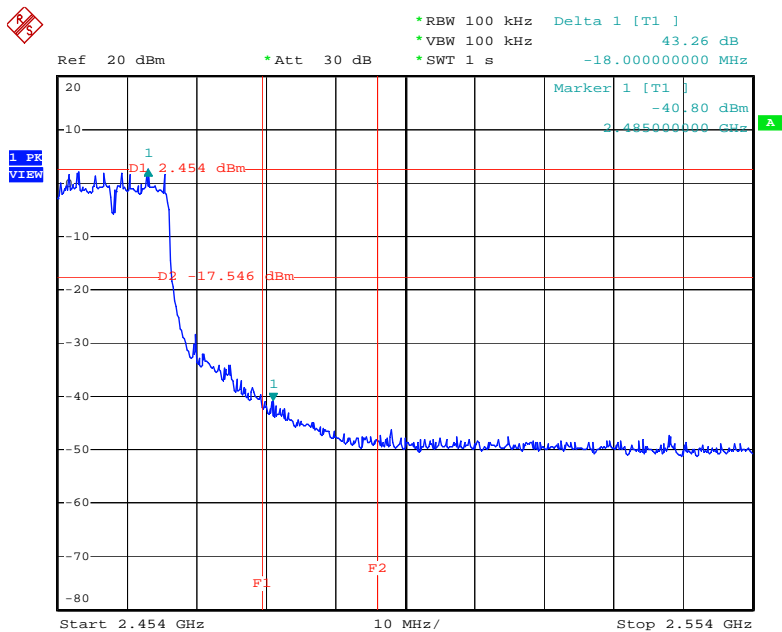
Date: 4.JAN.2006 22:55:20

Low Band Edge Plot on Configuration IEEE 802.11g / 2412 MHz



Date: 4.JAN.2006 22:47:54

High Band Edge Plot on Configuration IEEE 802.11g / 2462 MHz



Date: 4.JAN.2006 22:51:27

4.7. Antenna Requirements

4.7.1. Limit

Except for special regulations, the Low-power Radio-frequency Devices must not be equipped with any jacket for installing an antenna with extension cable. 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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited. Further, this requirement does not apply to intentional radiators that must be professionally installed.

4.7.2. Antenna Connector Construction

Please refer to section 3.2 in this test report, all antenna connectors comply with the requirements.

5. LIST OF MEASURING EQUIPMENTS

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
EMC Receiver	R&S	ESCS 30	100174	9kHz – 2.75GHz	Feb. 16, 2005	Conduction (CO04-HY)
LISN	MessTec	NNB-2/16Z	99079	9kHz – 30MHz	Dec. 15, 2005	Conduction (CO04-HY)
LISN (Support Unit)	EMCO	3810/2NM	9708-1839	9kHz – 30MHz	Mar. 14, 2005	Conduction (CO04-HY)
RF Cable-CON	UTIFLEX	3102-26886-4	CB049	9kHz – 30MHz	Apr. 20, 2005	Conduction (CO04-HY)
EMI Filter	LINDGREN	LRE-2030	2651	< 450 Hz	N/A	Conduction (CO04-HY)
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	Jun. 20, 2005	Radiation (03CH03-HY)
Spectrum analyzer	R&S	FSP40	100004	9KHZ ~ 40GHz	Aug. 30, 2005	Radiation (03CH03-HY)
Amplifier	SCHAFFNER	CPA9231A	3565	9 kHz - 2 GHz	Mar. 08, 2005	Radiation (03CH03-HY)
Amplifier	Agilent	8449B	3008A02120	1 GHz - 26.5 GHz	May 31, 2005	Radiation (03CH03-HY)
Biconical Antenna	SCHWARZBECK	VHBB 9124	301	30MHz ~ 200MHz	Jul. 27, 2005	Radiation (03CH03-HY)
Log Antenna	SCHWARZBECK	VUSLP 9111	221	200MHz ~ 1GHz	Jul. 27, 2005	Radiation (03CH03-HY)
Horn Antenna	EMCO	3115	6741	1GHz ~ 18GHz	Apr. 22, 2005	Radiation (03CH03-HY)
RF Cable-R03m	Jye Bao	RG142	CB021	30MHz ~ 1GHz	Feb. 22, 2005	Radiation (03CH03-HY)
RF Cable-HIGH	SUHNER	SUCOFLEX 106	03CH03-HY	1GHz ~ 40GHz	Nov. 30, 2005	Radiation (03CH03-HY)
Turn Table	HD	DS 420	420/650/00	0 ~ 360 degree	N/A	Radiation (03CH03-HY)
Antenna Mast	HD	MA 240	240/560/00	1 m - 4 m	N/A	Radiation (03CH03-HY)
Spectrum analyzer	R&S	FSP30	100023	9kHz ~ 30GHz	Nov. 26, 2005	Conducted (TH01-HY)
Power meter	R&S	NRVS	100444	DC ~ 40GHz	Jul. 06, 2005	Conducted (TH01-HY)
Power sensor	R&S	NRV-Z55	100049	DC ~ 40GHz	Jul. 06, 2005	Conducted (TH01-HY)
Power Sensor	R&S	NRV-Z32	100057	30MHz ~ 6GHz	Apr. 28, 2005	Conducted (TH01-HY)
AC power source	HPC	HPA-500W	HPA-9100024	AC 0 ~ 300V	Apr. 21, 2005	Conducted (TH01-HY)
DC power source	G.W.	GPC-6030D	C671845	DC 1V ~ 60V	Dec. 28, 2005	Conducted (TH01-HY)
Temp. and Humidity Chamber	KSON	THS-C3L	612	N/A	Oct. 01, 2005	Conducted (TH01-HY)
RF CABLE-1m	Jye Bao	RG142	CB034-1m	20MHz ~ 7GHz	Dec. 30, 2005	Conducted (TH01-HY)
RF CABLE-2m	Jye Bao	RG142	CB035-2m	20MHz ~ 1GHz	Dec. 30, 2005	Conducted (TH01-HY)
Oscilloscope	Tektronix	TDS1012	CO38515	100MHz / 1GS/s	Apr. 15, 2005	Conducted (TH01-HY)
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	Dec. 30, 2005	Conducted (TH01-HY)
Data Generator	Tektronix	DG2030	063-2920-50	0.1Hz~400MHz	Jun. 02, 2005	Conducted (TH01-HY)

Note: Calibration Interval of instruments listed above is one year.



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Loop Antenna	R&S	HFH2-Z2	860004/001	9kHz ~ 30MHz	May 04, 2004	Radiation (03CH03-HY)
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	15GHz ~ 40GHz	Jun. 09, 2004	Radiation (03CH03-HY)
Data Generator	Tektronix	DG2030	063-2920-50	0.1Hz~400MHz	Jun. 02, 2005	Conducted (TH01-HY)

Note: Calibration Interval of instruments listed above is two year.

6. SPORTON COMPANY PROFILE

SPORTON Lab. was established in 1986 with one shielded room: the first private EMI test facility, offering local manufacturers an alternative EMI test facility apart from ERSO. In 1988, one 3M and 10M/3M open area test site were setup and also obtained official accreditation from FCC, VCCI and NEMKO. In 1993, a Safety laboratory was founded and obtained accreditation from UL of USA, CSA of Canada and TUV (Rhineland & PS) of Germany. In 1995, one EMC lab, including EMI and EMS test facilities was setup. In 1997, SPORTON Group has provided financial expense to relocate the headquarter to Orient Scientific Park in Taipei Hsien to offer more comprehensive, more qualified and better service to local suppliers and manufactures. In 1999, Safety Group and Component Group were setup. In 2001, SPORTON has established 3M/10M chamber in Hwa Ya Technology Park.

6.1. Test Location

SHIJR	ADD : 6Fl., No. 106, Sec. 1, Shintai 5th Rd., Shijr City, Taipei, Taiwan 221, R.O.C. TEL : 02-2696-2468 FAX : 02-2696-2255
HWA YA	ADD : No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C. TEL : 03-327-3456 FAX : 03-318-0055
LINKOU	ADD : No. 30-2, Dingfu Tsuen, Linkou Shiang, Taipei, Taiwan 244, R.O.C TEL : 02-2601-1640 FAX : 02-2601-1695
DUNGHU	ADD : No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 114, R.O.C. TEL : 02-2631-4739 FAX : 02-2631-9740
JUNGHE	ADD : 7Fl., No. 758, Jungjeng Rd., Junghe City, Taipei, Taiwan 235, R.O.C. TEL : 02-8227-2020 FAX : 02-8227-2626
NEIHU	ADD : 4Fl., No. 339, Hsin Hu 2 nd Rd., Taipei 114, Taiwan, R.O.C. TEL : 02-2794-8886 FAX : 02-2794-9777
JHUBEI	ADD : No.8, Lane 728, Bo-ai St., Jhubei City, Hsinchu County 302, Taiwan, R.O.C. TEL : 03-656-9065 FAX : 03-656-9085

7. NVLAP CERTIFICATE OF ACCREDITATION

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:1999

NVLAP LAB CODE: 200079-0

Sporton International, Inc. Hwa Ya EMC Laboratory

Tao Yuan Hsien 333
TAIWAN

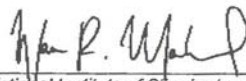
*is recognized by the National Voluntary Laboratory Accreditation Program for conformance with criteria set forth in
NIST Handbook 150:2001 and all requirements of ISO/IEC 17025:1999.
Accreditation is granted for specific services, listed on the Scope of Accreditation, for:*

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS

2006-01-01 through 2006-12-31

Effective dates




For the National Institute of Standards and Technology