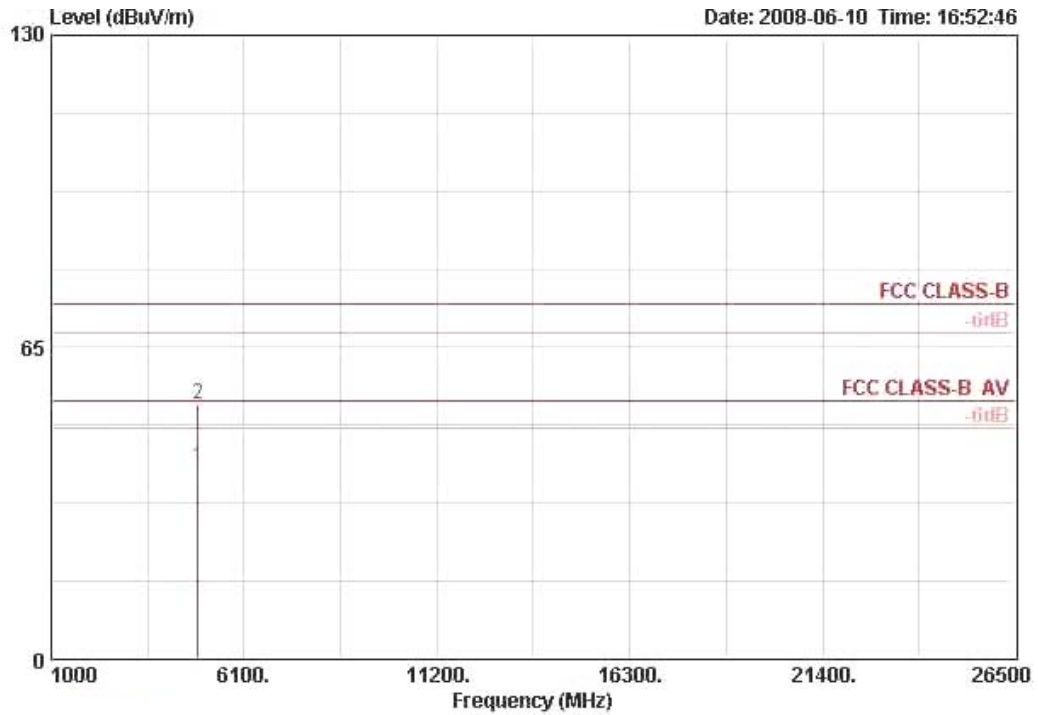


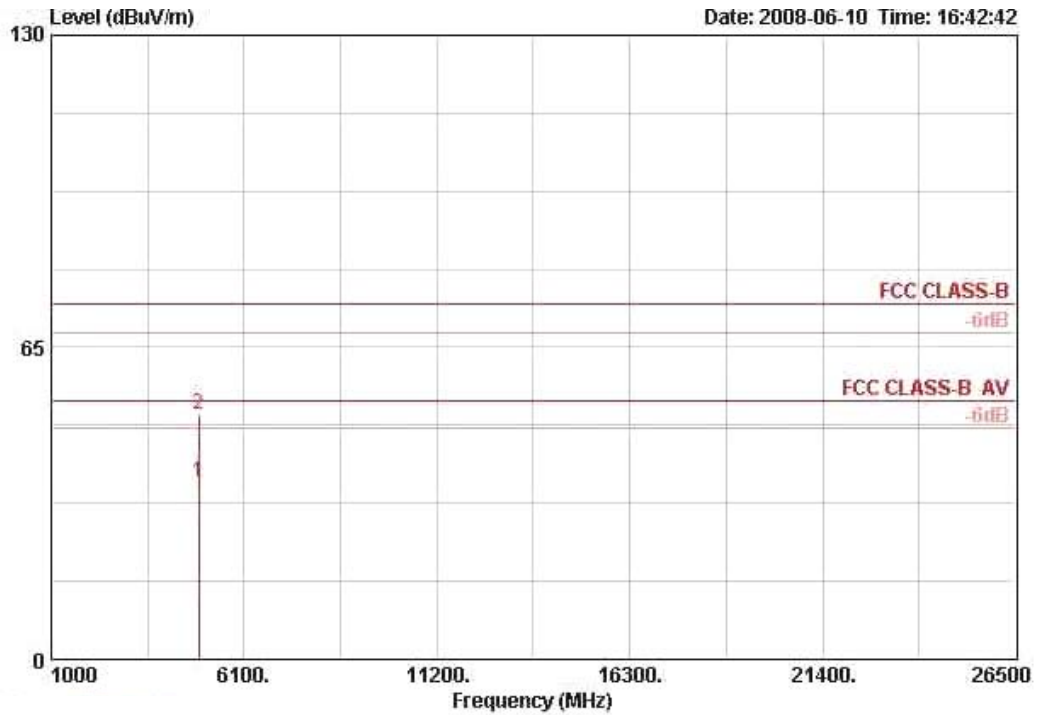
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4874.000	39.92	-14.08	54.00	38.30	33.48	3.38	35.25	AVERAGE	100	172	VERTICAL
2	4874.500	53.18	-20.82	74.00	51.56	33.48	3.38	35.25	PEAK	100	172	VERTICAL

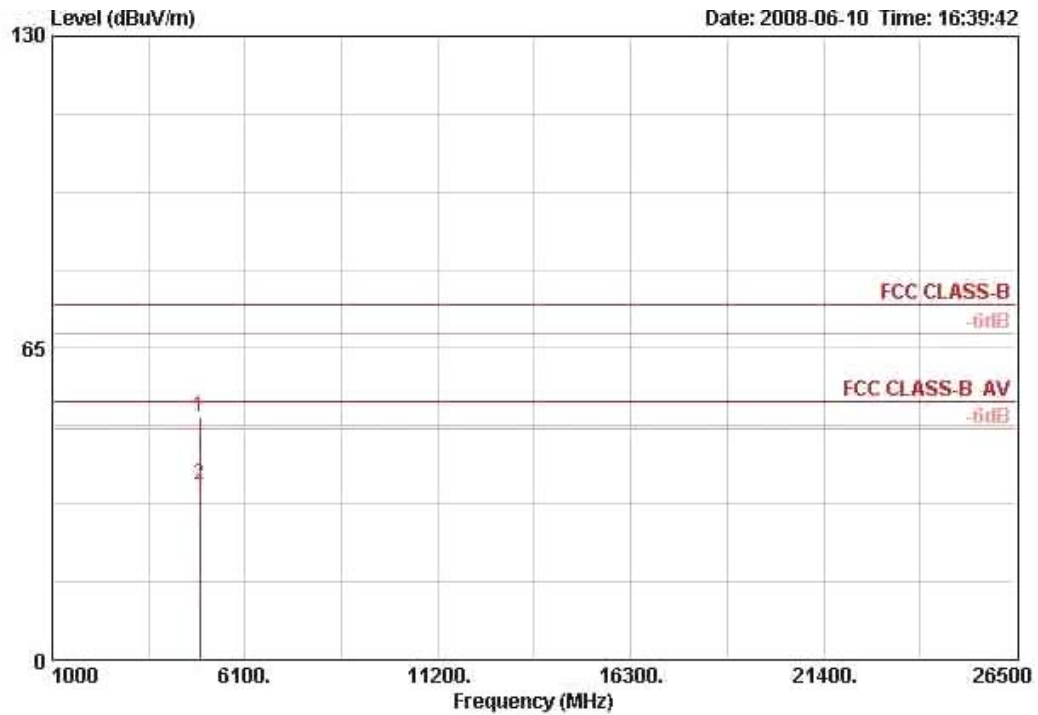
Temperature	23°C	Humidity	54%
Test Engineer	Roy Huang	Configurations	Draft n MCS0 40MHz Ch 9 Ant. A

Horizontal



	Freq	Level	Over	Limit	ReadAntenna		Cable Preamp		Remark	Ant	Table	
			Limit	Line	Level	Factor	Loss	Factor		Pos	Pos	
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4904.130	36.88	-17.12	54.00	35.19	33.54	3.39	35.24	AVERAGE	104	12	HORIZONTAL
2	4904.470	51.07	-22.93	74.00	49.38	33.54	3.39	35.24	PEAK	104	12	HORIZONTAL

Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4903.970	50.66	-23.34	74.00	48.97	33.54	3.39	35.24	PEAK	100	171	VERTICAL
2	4904.130	36.66	-17.34	54.00	34.97	33.54	3.39	35.24	AVERAGE	100	171	VERTICAL

Note:

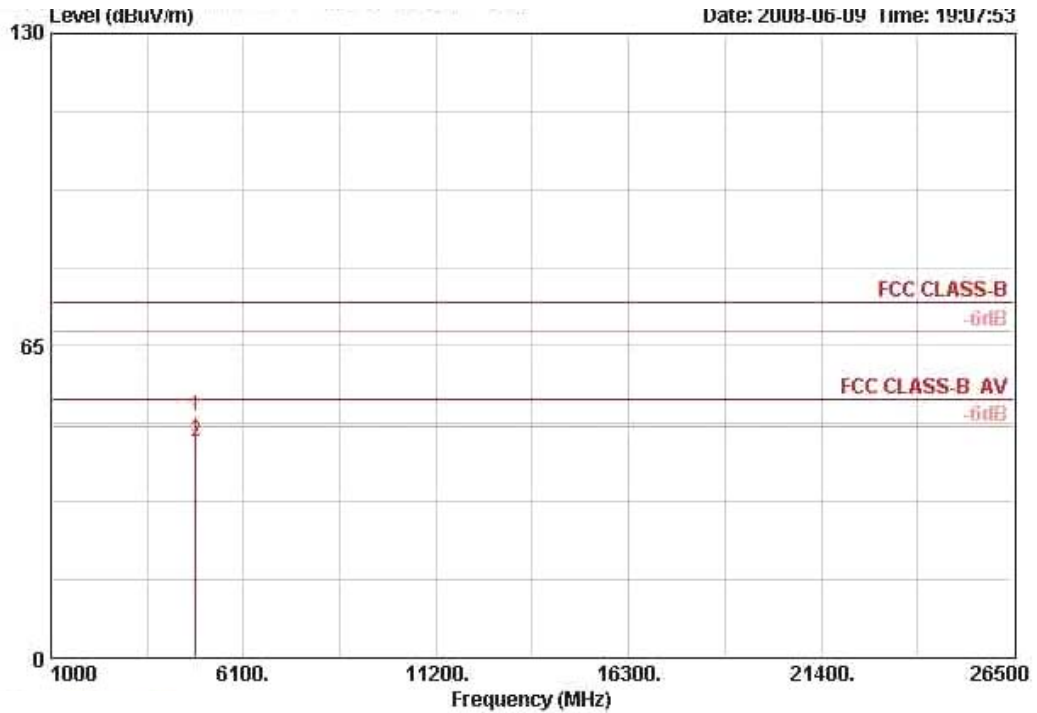
The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

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

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

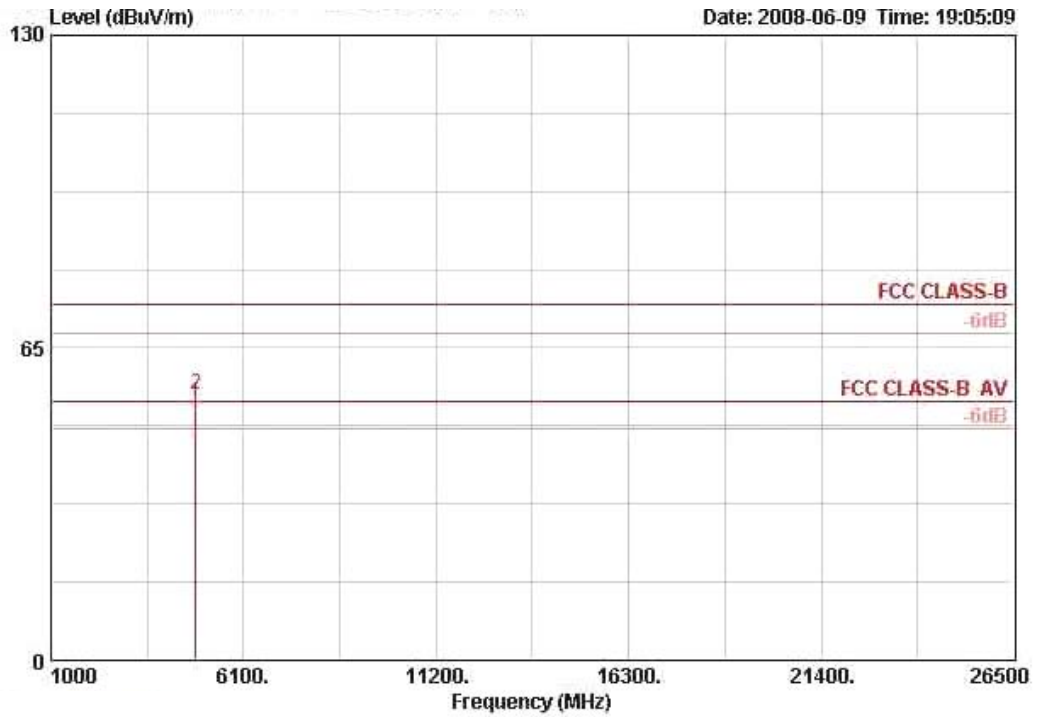
Temperature	24°C	Humidity	56%
Test Engineer	Roy Huang	Configurations	802.11b CH 1 Ant. A

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4823.980	50.44	-23.56	74.00	48.93	33.39	3.37	35.25	PEAK	100	93	HORIZONTAL
2	4824.070	45.10	-8.90	54.00	43.59	33.39	3.37	35.25	AVERAGE	100	93	HORIZONTAL

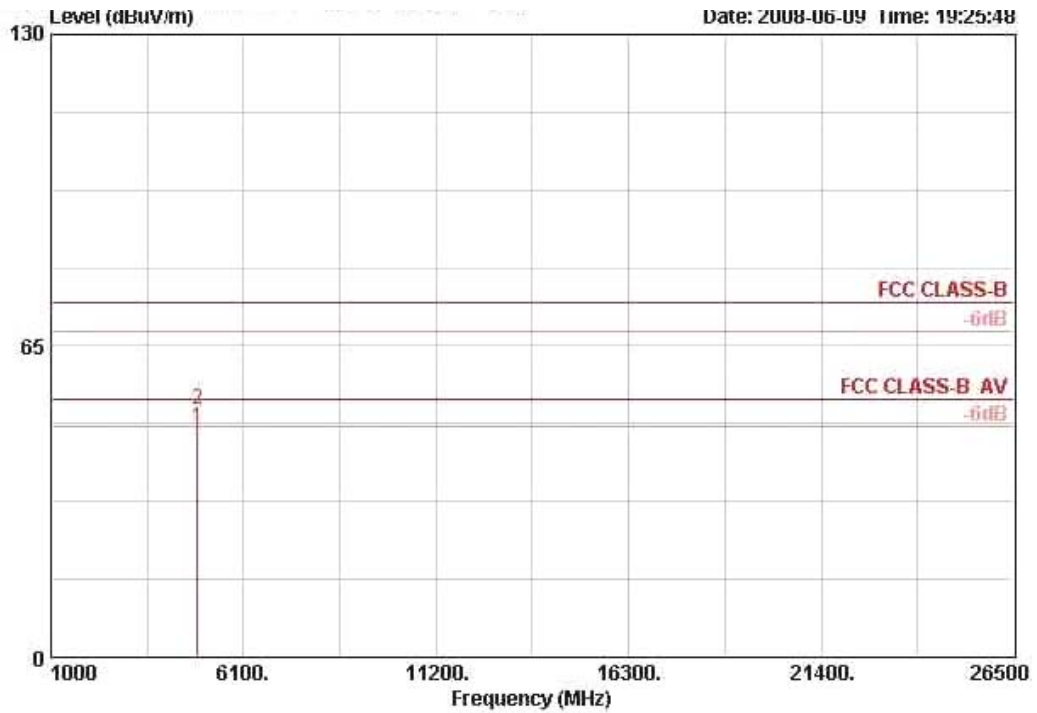
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4824.070	53.38	-0.62	54.00	51.87	33.39	3.37	35.25	AVERAGE	104	271	VERTICAL
2	4824.080	55.29	-18.71	74.00	53.78	33.39	3.37	35.25	PEAK	104	271	VERTICAL

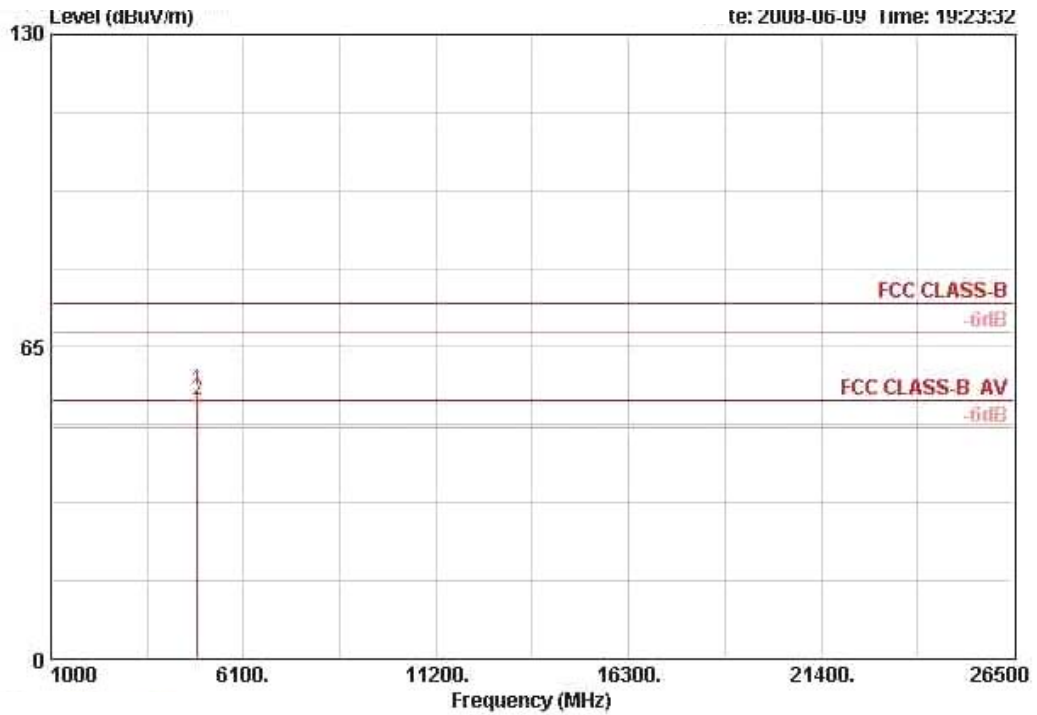
Temperature	24°C	Humidity	56%
Test Engineer	Roy Huang	Configurations	802.11b CH 6 Ant. A

Horizontal



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	4874.090	47.66	-6.34	54.00	46.04	33.48	3.38	35.25	AVERAGE	103	123	HORIZONTAL
2	4874.090	51.63	-22.37	74.00	50.01	33.48	3.38	35.25	PEAK	103	123	HORIZONTAL

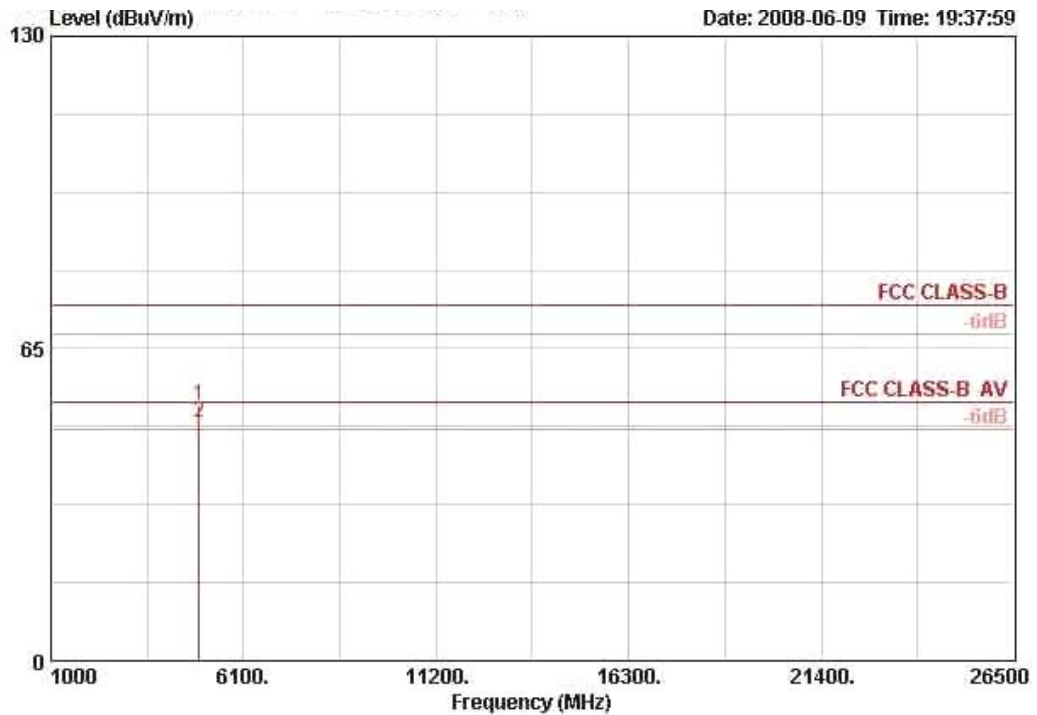
Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4874.050	55.88	-18.12	74.00	54.26	33.48	3.38	35.25	PEAK	103	272	VERTICAL
2 @	4874.090	53.85	-0.15	54.00	52.23	33.48	3.38	35.25	AVERAGE	103	272	VERTICAL

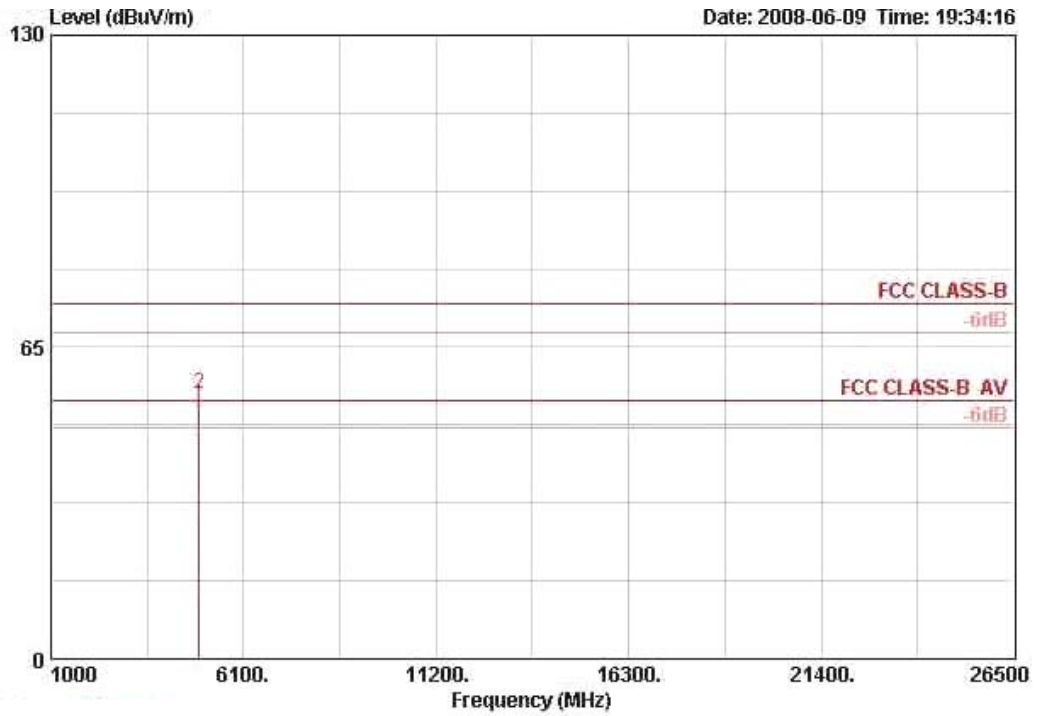
Temperature	24°C	Humidity	56%
Test Engineer	Roy Huang	Configurations	802.11b CH 11 Ant. A

Horizontal



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4924.080	53.11	-20.89	74.00	51.38	33.58	3.40	35.24	PEAK	100	121	HORIZONTAL
2 @	4924.110	49.70	-4.30	54.00	47.97	33.58	3.40	35.24	AVERAGE	100	121	HORIZONTAL

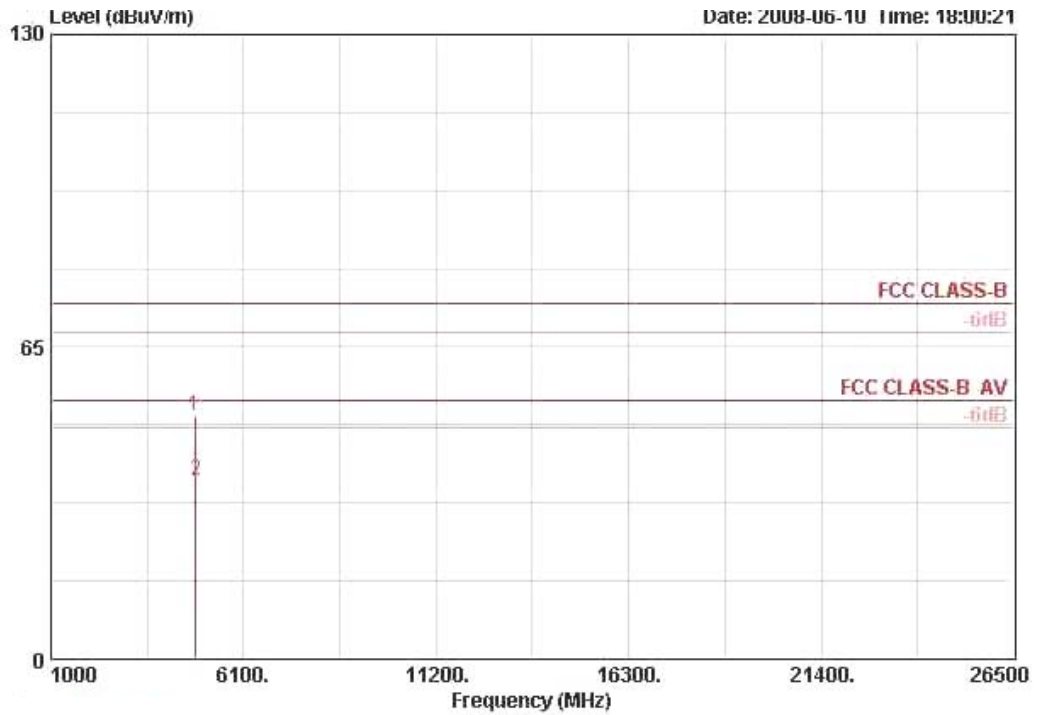
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	4924.110	53.08	-0.92	54.00	51.35	33.58	3.40	35.24	AVERAGE	101	272	VERTICAL
2	4924.120	55.38	-18.62	74.00	53.65	33.58	3.40	35.24	PEAK	101	272	VERTICAL

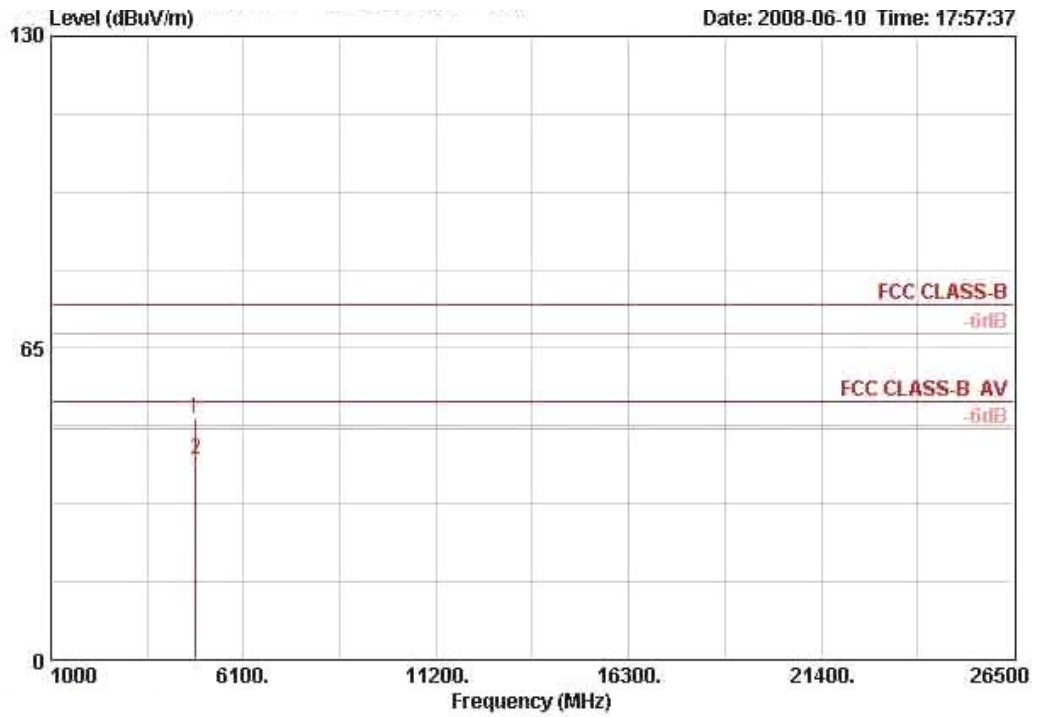
Temperature	24°C	Humidity	56%
Test Engineer	Roy Huang	Configurations	802.11g CH 1 Ant. A

Horizontal



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4821.820	50.75	-23.25	74.00	49.24	33.39	3.37	35.25	PEAK	100	293	HORIZONTAL
2	4824.260	37.14	-16.86	54.00	35.63	33.39	3.37	35.25	AVERAGE	100	293	HORIZONTAL

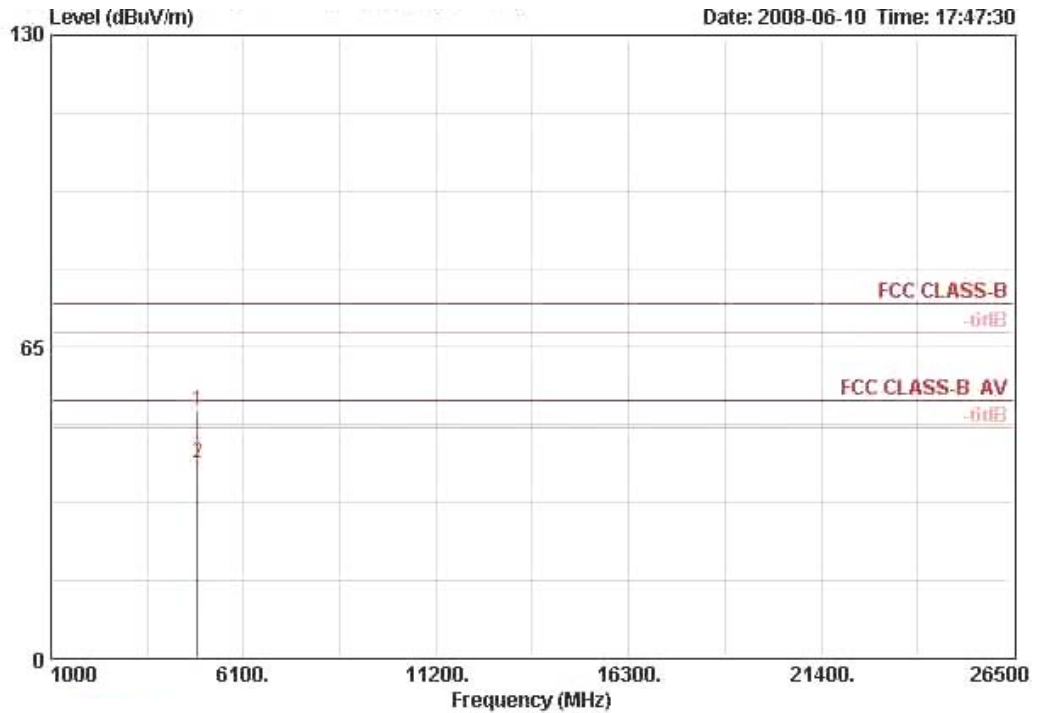
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4820.860	50.23	-23.77	74.00	48.72	33.39	3.37	35.25	PEAK	100	164	VERTICAL
2	4825.760	41.63	-12.37	54.00	40.12	33.39	3.37	35.25	AVERAGE	100	164	VERTICAL

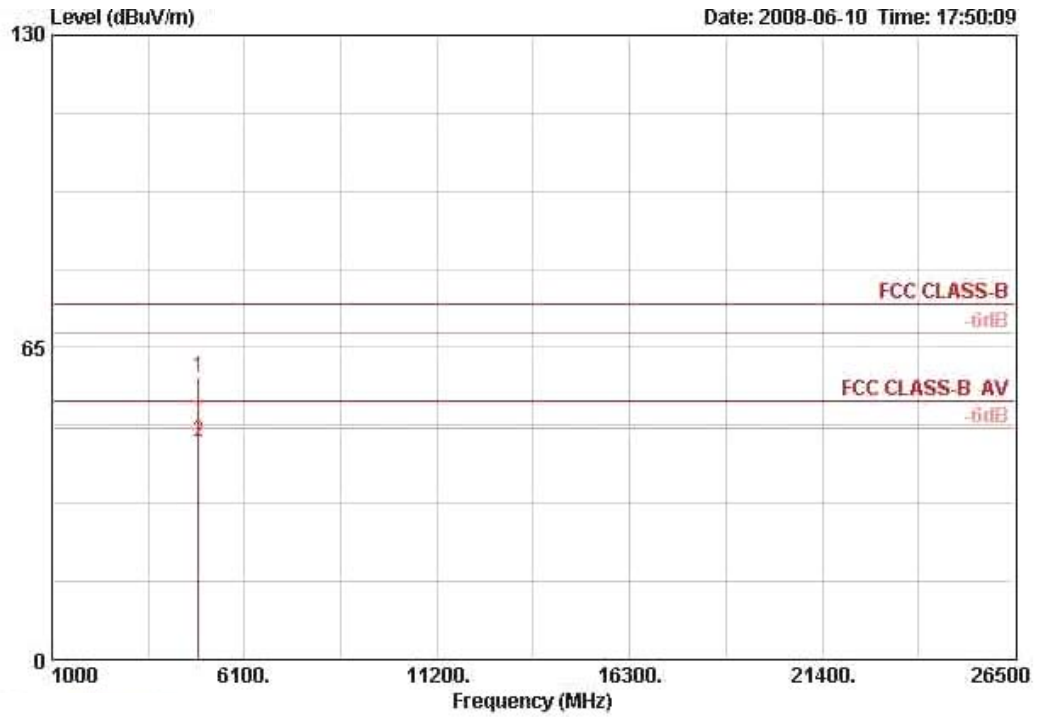
Temperature	24°C	Humidity	56%
Test Engineer	Roy Huang	Configurations	802.11g CH 6 Ant. A

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4869.600	51.86	-22.14	74.00	50.24	33.48	3.38	35.25	PEAK	103	16	HORIZONTAL
2	4870.200	40.84	-13.16	54.00	39.22	33.48	3.38	35.25	AVERAGE	103	16	HORIZONTAL

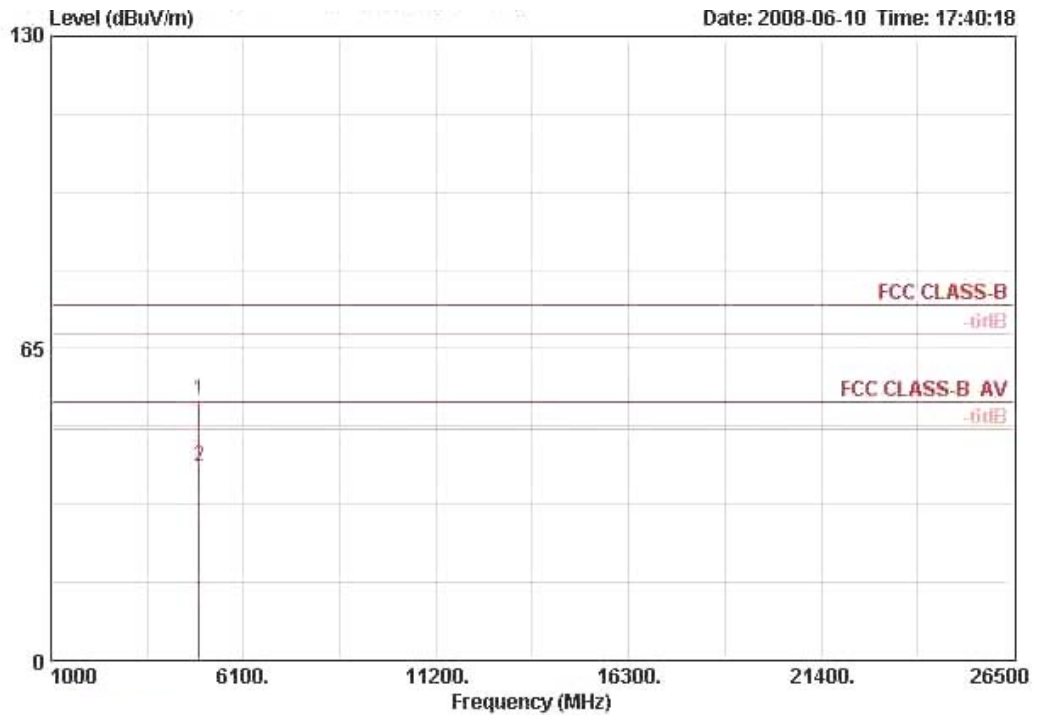
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBUV	dB/m	dB	dB		cm	deg	
1	4873.140	58.78	-15.22	74.00	57.16	33.48	3.38	35.25	PEAK	100	172	VERTICAL
2	4874.240	45.48	-8.52	54.00	43.86	33.48	3.38	35.25	AVERAGE	100	172	VERTICAL

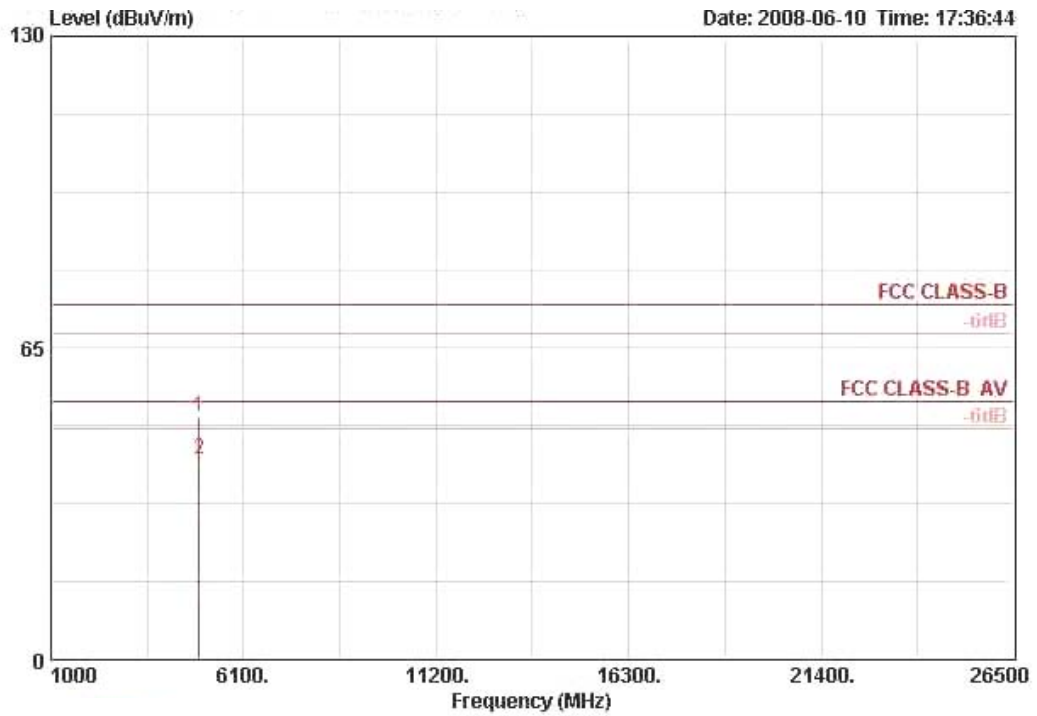
Temperature	24°C	Humidity	56%
Test Engineer	Roy Huang	Configurations	802.11g CH 11 Ant. A

Horizontal



	Freq	Level	Over	Limit	Read		Cable	Preamp	Remark	Ant	Table
			Limit	Line	Level	Factor	Loss	Factor		Pos	Pos
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg
1	4923.380	54.19	-19.81	74.00	52.45	33.58	3.40	35.24	PEAK	103	15 HORIZONTAL
2	4924.300	40.55	-13.45	54.00	38.82	33.58	3.40	35.24	AVERAGE	103	15 HORIZONTAL

Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4919.920	50.72	-23.28	74.00	48.99	33.58	3.40	35.24	PEAK	100	172	VERTICAL
2	4924.220	41.62	-12.38	54.00	39.89	33.58	3.40	35.24	AVERAGE	100	172	VERTICAL

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 (micovolts/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 of equipments list 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)	1 MHz / 1MHz for Peak, 1 MHz / 10Hz for Average
RB / VB (Emission in non-restricted band)	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 and Fundamental Emissions

Temperature	23°C	Humidity	62%
Test Engineer	Roy Huang	Configurations	Draft n MCS0 20MHz Ch 1, 6, 11 Ant. A
Test Date	Jun. 09, 2008		

Channel 1

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2390.000	53.55	-0.45	54.00	23.13	28.05	2.36	0.00	AVERAGE	100	176	HORIZONTAL
2 @	2390.000	69.81	-4.19	74.00	39.40	28.05	2.36	0.00	PEAK	100	176	HORIZONTAL
3 @	2413.200	99.64			69.18	28.09	2.36	0.00	AVERAGE	100	176	HORIZONTAL
4 @	2413.400	109.06			78.61	28.09	2.36	0.00	PEAK	100	176	HORIZONTAL

Item 3, 4 are the fundamental frequency at 2412 MHz

Channel 6

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	2389.600	58.88	-15.12	74.00	28.48	28.05	2.35	0.00	PEAK	100	174	HORIZONTAL
2	2390.000	46.17	-7.83	54.00	15.76	28.05	2.36	0.00	AVERAGE	100	174	HORIZONTAL
3 @	2435.400	101.87			71.35	28.13	2.38	0.00	AVERAGE	100	174	HORIZONTAL
4 @	2435.800	111.21			80.70	28.13	2.38	0.00	PEAK	100	174	HORIZONTAL
5 @	2483.500	46.78	-7.22	54.00	16.11	28.26	2.41	0.00	AVERAGE	100	174	HORIZONTAL
6	2483.900	58.04	-15.96	74.00	27.36	28.26	2.41	0.00	PEAK	100	174	HORIZONTAL

Item 3, 4 are the fundamental frequency at 2437MHz.

Channel 11

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2459.200	100.91			70.30	28.22	2.40	0.00	AVERAGE	100	171	HORIZONTAL
2 @	2460.600	109.83			79.21	28.22	2.40	0.00	PEAK	100	171	HORIZONTAL
3 @	2483.500	53.84	-0.16	54.00	23.17	28.26	2.41	0.00	AVERAGE	100	171	HORIZONTAL
4 @	2483.500	70.41	-3.59	74.00	39.74	28.26	2.41	0.00	PEAK	100	171	HORIZONTAL

Item 1, 2 are the fundamental frequency at 2462 MHz.

Temperature	23°C	Humidity	54%
Test Engineer	Roy Huang	Configurations	Draft n MCS0 40MHz Ch 3, 6, 9 Ant. A
Test Date	Sep. 29, 2007		

Channel 3

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 !	2386.000	69.88	-4.12	74.00	39.48	28.05	2.35	0.00	PEAK	103	273	HORIZONTAL
2 !	2390.000	53.19	-0.81	54.00	22.77	28.05	2.36	0.00	AVERAGE	103	273	HORIZONTAL
3	2427.200	98.99			68.48	28.13	2.38	0.00	PEAK	103	273	HORIZONTAL
4 @	2431.200	93.81			63.29	28.13	2.38	0.00	AVERAGE	103	273	HORIZONTAL

Item 3, 4 are the fundamental frequency at 2422 MHz.

Channel 6

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 !	2390.000	49.22	-4.78	54.00	18.81	28.05	2.36	0.00	AVERAGE	105	271	HORIZONTAL
2	2391.000	65.55	-8.45	74.00	35.13	28.05	2.36	0.00	Peak	105	271	HORIZONTAL
3 @	2439.000	95.42			64.87	28.18	2.38	0.00	AVERAGE	105	271	HORIZONTAL
4	2447.400	104.99			74.41	28.18	2.40	0.00	Peak	105	271	HORIZONTAL
5 !	2483.500	68.91	-5.09	74.00	38.24	28.26	2.41	0.00	Peak	105	271	HORIZONTAL
6 !	2483.500	51.87	-2.13	54.00	21.20	28.26	2.41	0.00	AVERAGE	105	271	HORIZONTAL

Item 3, 4 are the fundamental frequency at 2437MHz.

Channel 9

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2450.000	105.30			74.73	28.18	2.40	0.00	PEAK	108	272	HORIZONTAL
2 @	2450.000	96.36			65.79	28.18	2.40	0.00	AVERAGE	108	272	HORIZONTAL
3 @	2483.500	52.61	-1.39	54.00	21.94	28.26	2.41	0.00	AVERAGE	108	272	HORIZONTAL
4 @	2485.900	73.53	-0.47	74.00	42.86	28.26	2.41	0.00	PEAK	108	272	HORIZONTAL

Item 1, 2 are the fundamental frequency at 2452 MHz.

Note:

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

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

Temperature	23°C	Humidity	62%
Test Engineer	Roy Huang	Configurations	802.11b CH 1, 6, 11 Ant. A
Test Date	Jun. 09, 2008		

Channel 1

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	2386.800	45.13	-8.87	54.00	14.73	28.05	2.35	0.00	AVERAGE	100	176	HORIZONTAL
2	2388.400	56.40	-17.60	74.00	26.00	28.05	2.35	0.00	PEAK	100	176	HORIZONTAL
3 @	2412.800	101.97			71.51	28.09	2.36	0.00	AVERAGE	100	176	HORIZONTAL
4 @	2413.000	105.79			75.34	28.09	2.36	0.00	PEAK	100	176	HORIZONTAL

Item 3, 4 are the fundamental frequency at 2412 MHz.

Channel 6

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	2389.400	56.36	-17.64	74.00	25.96	28.05	2.35	0.00	PEAK	100	173	HORIZONTAL
2	2390.000	44.53	-9.47	54.00	14.11	28.05	2.36	0.00	AVERAGE	100	173	HORIZONTAL
3 @	2436.400	104.52			74.01	28.13	2.38	0.00	AVERAGE	100	173	HORIZONTAL
4 @	2438.200	108.23			77.68	28.18	2.38	0.00	PEAK	100	173	HORIZONTAL
5	2483.500	57.02	-16.98	74.00	26.35	28.26	2.41	0.00	PEAK	100	173	HORIZONTAL
6	2483.500	45.16	-8.84	54.00	14.48	28.26	2.41	0.00	AVERAGE	100	173	HORIZONTAL

Item 3, 4 are the fundamental frequency at 2437MHz.

Channel 11

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2463.200	108.09			77.47	28.22	2.40	0.00	PEAK	100	156	HORIZONTAL
2 @	2464.800	104.29			73.68	28.22	2.40	0.00	AVERAGE	100	156	HORIZONTAL
3	2487.500	46.54	-7.46	54.00	15.82	28.30	2.41	0.00	AVERAGE	100	156	HORIZONTAL
4	2487.700	58.71	-15.29	74.00	28.00	28.30	2.41	0.00	PEAK	100	156	HORIZONTAL

Item 1, 2 are the fundamental frequency at 2462 MHz.

Temperature	24°C	Humidity	56%
Test Engineer	Roy Huang	Configurations	802.11g CH 1, 6, 11 Ant. A
Test Date	Jun. 09, 2008		

Channel 1

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2389.600	68.21	-5.79	74.00	37.82	28.05	2.35	0.00	PEAK	102	176	HORIZONTAL
2 @	2390.000	53.13	-0.87	54.00	22.72	28.05	2.36	0.00	AVERAGE	102	176	HORIZONTAL
3 @	2410.800	99.07			68.62	28.09	2.36	0.00	AVERAGE	102	176	HORIZONTAL
4 @	2413.000	108.00			77.54	28.09	2.36	0.00	PEAK	102	176	HORIZONTAL

Item 3, 4 are the fundamental frequency at 2412 MHz.

Channel 6

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	2388.600	59.16	-14.84	74.00	28.76	28.05	2.35	0.00	PEAK	100	172	HORIZONTAL
2	2390.000	45.65	-8.35	54.00	15.23	28.05	2.36	0.00	AVERAGE	100	172	HORIZONTAL
3 @	2435.800	100.64			70.13	28.13	2.38	0.00	AVERAGE	100	172	HORIZONTAL
4 @	2440.200	109.89			79.33	28.18	2.38	0.00	PEAK	100	172	HORIZONTAL
5	2483.500	58.06	-15.94	74.00	27.39	28.26	2.41	0.00	PEAK	100	172	HORIZONTAL
6 @	2483.500	47.10	-6.90	54.00	16.43	28.26	2.41	0.00	AVERAGE	100	172	HORIZONTAL

Item 3, 4 are the fundamental frequency at 2437 MHz.

Channel 11

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2460.600	101.53			70.92	28.22	2.40	0.00	AVERAGE	100	171	HORIZONTAL
2 @	2463.200	110.31			79.69	28.22	2.40	0.00	PEAK	100	171	HORIZONTAL
3 @	2483.500	53.77	-0.23	54.00	23.10	28.26	2.41	0.00	AVERAGE	100	171	HORIZONTAL
4 @	2483.500	71.47	-2.53	74.00	40.80	28.26	2.41	0.00	PEAK	100	171	HORIZONTAL

Item 1, 2 are the fundamental frequency at 2462 MHz.

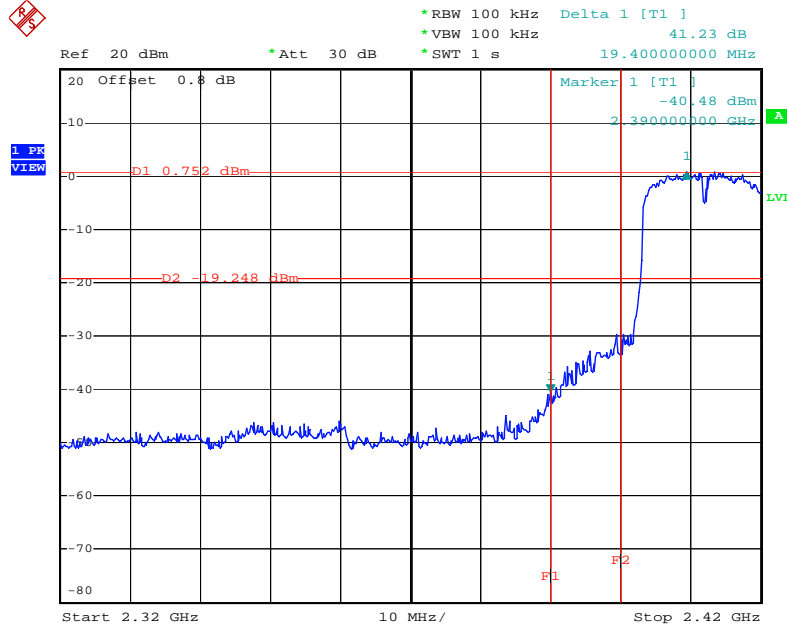
Note:

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

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

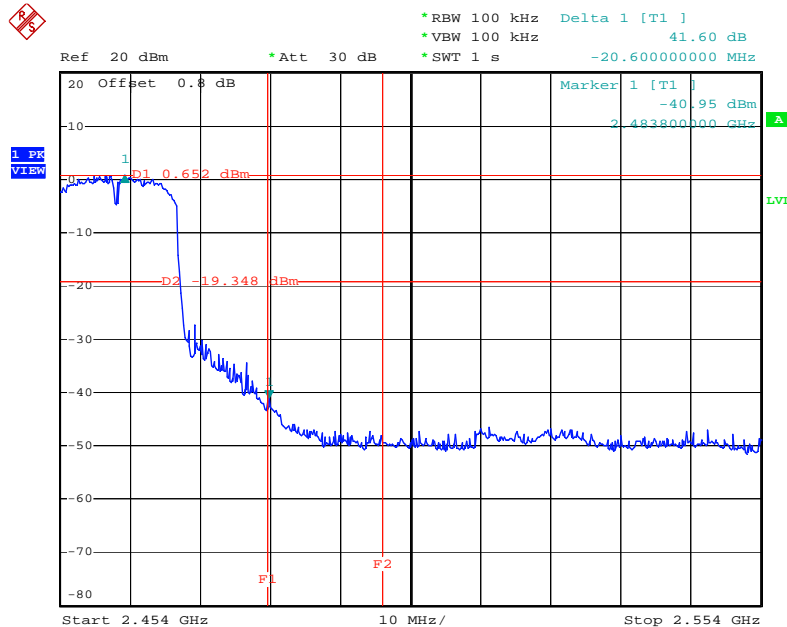
For Emission not in Restricted Band

Low Band Edge Plot on Configuration Draft n MCS0 20MHz / 2412 MHz



Date: 14.JUN.2008 13:52:14

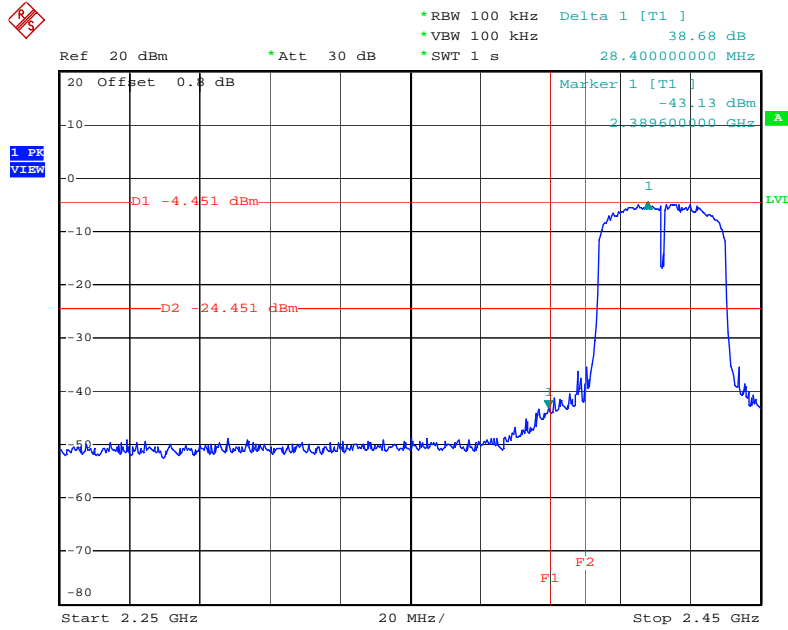
High Band Edge Plot on Configuration Draft n MCS0 20MHz / 2462 MHz



Date: 14.JUN.2008 13:55:17

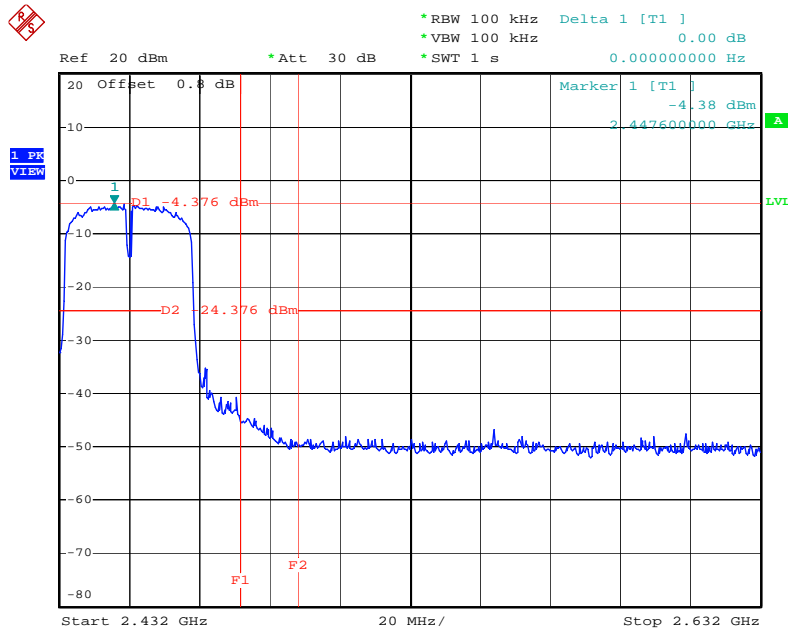
For Emission not in Restricted Band

Low Band Edge Plot on Configuration Drafft n MCS0 40MHz / 2422 MHz



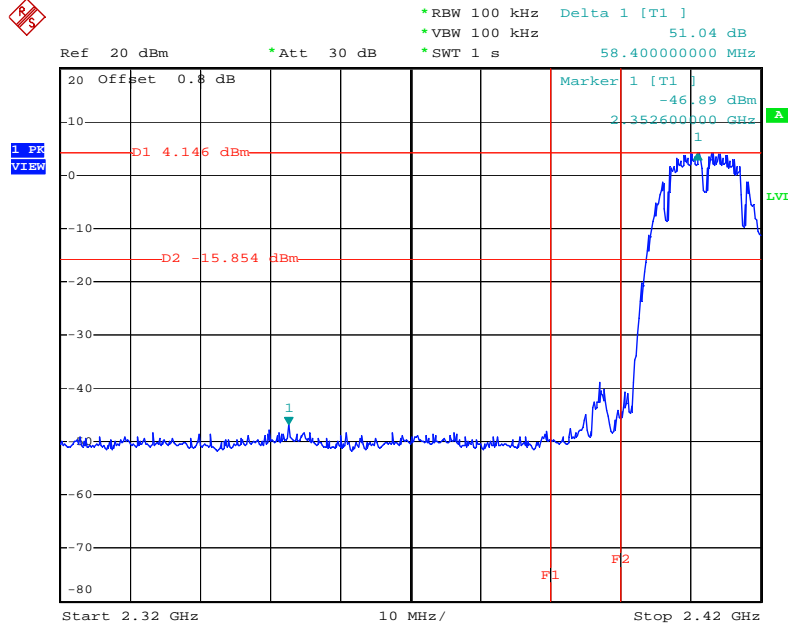
Date: 14.JUN.2008 13:50:29

High Band Edge Plot on Configuration Drafft n MCS0 40MHz / 2452 MHz



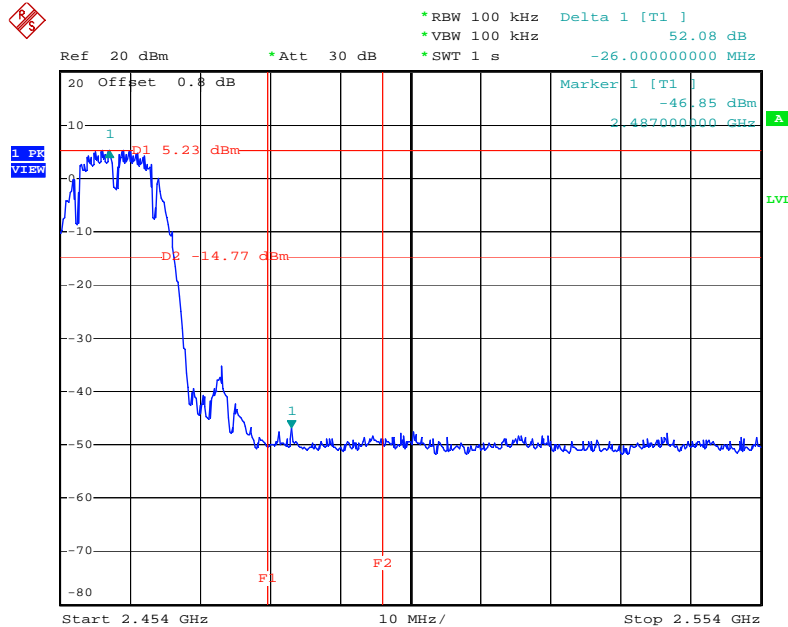
Date: 14.JUN.2008 13:48:41

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



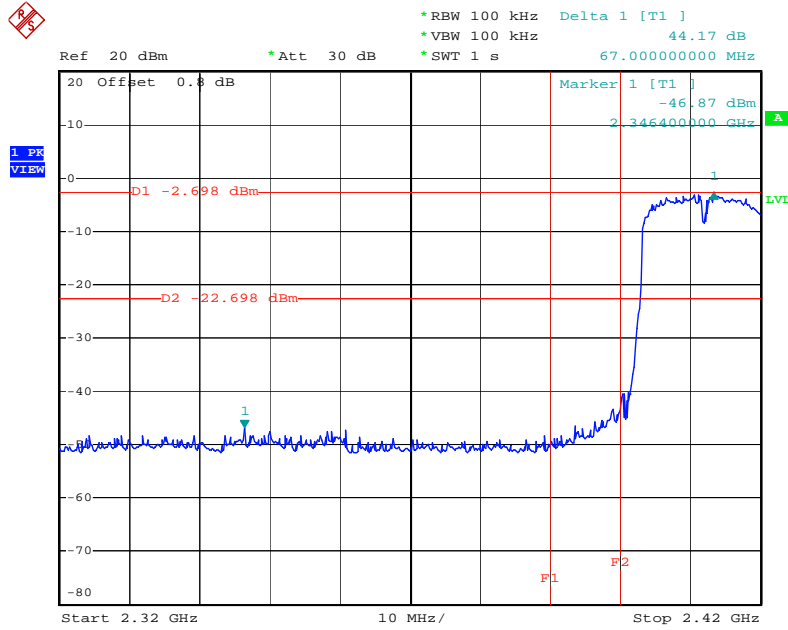
Date: 14.JUN.2008 14:02:28

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



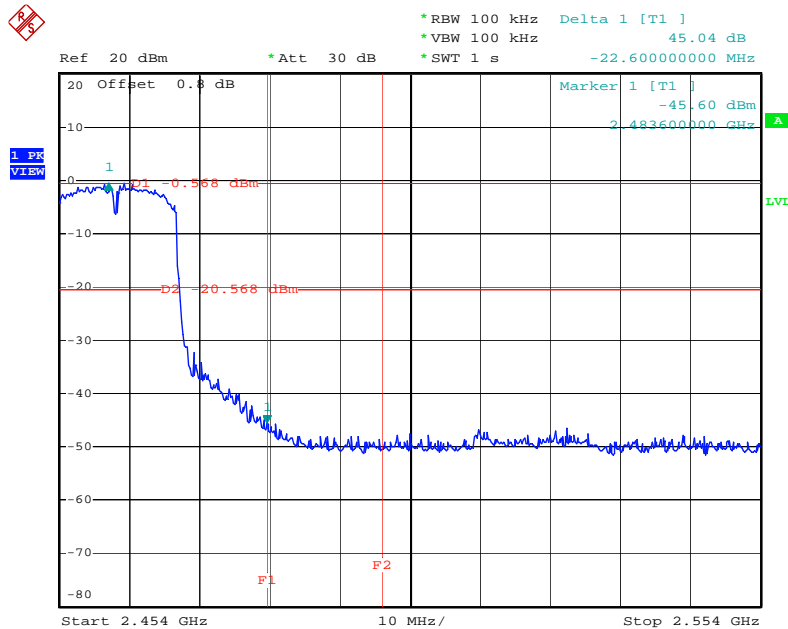
Date: 14.JUN.2008 14:04:38

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



Date: 14.JUN.2008 13:57:43

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



Date: 14.JUN.2008 13:59:46

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 3.3 in this test report; antenna connector complied 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	Mar. 03, 2008	Conduction (CO04-HY)
LISN	MessTec	NNB-2/16Z	99079	9kHz – 30MHz	Mar. 31, 2008	Conduction (CO04-HY)
LISN (Support Unit)	EMCO	3810/2NM	9703-1839	9kHz – 30MHz	Mar. 22, 2008	Conduction (CO04-HY)
RF Cable-CON	UTIFLEX	3102-26886-4	CB049	9kHz – 30MHz	Apr. 20, 2008	Conduction (CO04-HY)
ISN	SCHAFFNER	ISN T400	21653	9kHz –30MHz	Mar. 27, 2008	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	30 MHz - 1 GHz 3m	Jun. 14, 2008	Radiation (03CH03-HY)
Amplifier	SCHAFFNER	COA9231A	18667	9 kHz - 2 GHz	Jan. 14, 2008	Radiation (03CH03-HY)
Amplifier	Agilent	8449B	3008A02120	1 GHz - 26.5 GHz	Jun. 07, 2008	Radiation (03CH03-HY)
Amplifier	MITEQ	AMF-6F-260400	9121372	26.5 GHz - 40 GHz	Jan. 22, 2007*	Radiation (03CH03-HY)
Spectrum Analyzer	R&S	FSP40	100305	9 kHz - 40 GHz	Sep. 27, 2007	Radiation (03CH03-HY)
Loop Antenna	TESEQ	HLA6120	24155	9KHz ~ 30MHz	Jan. 18, 2007*	Radiation (03CH03-HY)
Bilog Antenna	Schaffner	CBL6112D	22021	20MHz ~ 2GHz	Sep. 29, 2007	Radiation (03CH03-HY)
Horn Antenna	EMCO	3115	6741	1GHz ~ 18GHz	Mar. 04, 2008	Radiation (03CH03-HY)
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	15 GHz - 40 GHz	Jan.18, 2008	Radiation (03CH03-HY)
RF Cable-R03m	Jye Bao	RG142	CB021	30 MHz - 1 GHz	Dec. 03, 2007	Radiation (03CH03-HY)
RF Cable-HIGH	SUHNER	SUCOFLEX 106	03CH03-HY	1 GHz - 40 GHz	Dec. 03, 2007	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)
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30 MHz - 1 GHz 3m	Jun. 14, 2008	Radiation (03CH03-HY)
Amplifier	SCHAFFNER	COA9231A	18667	9 kHz - 2 GHz	Jan. 14, 2008	Radiation (03CH03-HY)
Amplifier	Agilent	8449B	3008A02120	1 GHz - 26.5 GHz	Jul. 21, 2008	Radiation (03CH03-HY)
Amplifier	MITEQ	AMF-6F-260400	9121372	26.5 GHz - 40 GHz	Jan. 22, 2007*	Radiation (03CH03-HY)
Spectrum Analyzer	R&S	FSP30	100023	9 kHz - 30 GHz	Jan. 10, 2008	Radiation (03CH03-HY)
Loop Antenna	R&S	HFH2-Z2	860004/001	9 kHz - 30 MHz	Jul 28, 2008*	Radiation (03CH03-HY)
Bilog Antenna	SCHAFFNER	CBL 6112D	22237	30 MHz – 1 GHz	Jul. 12, 2008	Radiation (03CH03-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Horn Antenna	EMCO	3115	6741	1GHz ~ 18GHz	Apr. 04, 2008	Radiation (03CH03-HY)
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	15 GHz - 40 GHz	Jan.18, 2008	Radiation (03CH03-HY)
RF Cable-R03m	Jye Bao	RG142	CB021	30 MHz - 1 GHz	Dec. 01, 2008	Radiation (03CH03-HY)
RF Cable-HIGH	SUHNER	SUCOFLEX 106	03CH03-HY	1 GHz - 40 GHz	Dec. 01, 2008	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	FSEK30	100189	9kHz ~ 40GHz	Oct. 03, 2007	Radiation (05CH01-HY)
Amplifier	ADVANTEST	BB525C	CH100002	100kHz ~ 3GHz	Dec. 13, 2007	Radiation (05CH01-HY)
Amplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	Mar. 07, 2008	Radiation (05CH01-HY)
Amplifier	COM-POWER	PA-103	161073	1MHz~1MHz	Jul. 26, 2007	Radiation (05CH01-HY)
Bilog Antenna	SCHAFFNER	CBL6111C	2737	25MHz ~ 2GHz	Jul. 19, 2007	Radiation (05CH01-HY)
Horn Antenna	COM-POWER	AH-118	10094	1GHz ~ 18GHz	Dec. 20, 2007	Radiation (05CH01-HY)
Horn Antenna	COM-POWER	AH-118	10091	1GHz ~ 18GHz	Jul. 30, 2007	Radiation (05CH01-HY)
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	Mar. 10, 2008	Radiation (05CH01-HY)
RF Cable-R03m	Jye Bao	RG142	CB031	30MHz ~1GHz	Oct. 01, 2007	Radiation (05CH01-HY)
RF Cable-HIGH	SUHNER	SUCOFLEX 106	05CH01-HY	1GHz~26.5GHz	Jan. 03, 2008	Radiation (05CH01-HY)
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	15GHz ~ 40GHz	Jan. 18, 2008	Radiation (05CH01-HY)
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170221	15GHz ~ 40GHz	Jan. 16, 2008	Radiation (05CH01-HY)
Amplifier	MITEQ	AMF-6F-260400	923364	26.5 GHz - 40 GHz	Jan. 22, 2007*	Radiation (05CH01-HY)
Turn Table	HD	DS 420	420/655/12	0 ~ 360 degree	N/A	Radiation (05CH01-HY)
Antenna Mast	HD	MA 240	240/569/12	1 m ~ 4 m	N/A	Radiation (05CH01-HY)

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

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

6. TEST LOCATION

SHIJR	ADD : 6Fl., No. 106, Sec. 1, Shintai 5th Rd., Shijr City, Taipei, Taiwan 221, R.O.C. TEL : 886-2-2696-2468 FAX : 886-2-2696-2255
HWA YA	ADD : No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C. TEL : 886-3-327-3456 FAX : 886-3-318-0055
LINKOU	ADD : No. 30-2, Dingfu Tsuen, Linkou Shiang, Taipei, Taiwan 244, R.O.C TEL : 886-2-2601-1640 FAX : 886-2-2601-1695
DUNGHU	ADD : No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 114, R.O.C. TEL : 886-2-2631-4739 FAX : 886-2-2631-9740
JUNGHE	ADD : 7Fl., No. 758, Jungjeng Rd., Junghe City, Taipei, Taiwan 235, R.O.C. TEL : 886-2-8227-2020 FAX : 886-2-8227-2626
NEIHU	ADD : 4Fl., No. 339, Hsin Hu 2 nd Rd., Taipei 114, Taiwan, R.O.C. TEL : 886-2-2794-8886 FAX : 886-2-2794-9777
JHUBEI	ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C. TEL : 886-3-656-9065 FAX : 886-3-656-9085

7. TAF CERTIFICATE OF ACCREDITATION



Certificate No. : L1190-070110

財團法人全國認證基金會
Taiwan Accreditation Foundation

Certificate of Accreditation

This is to certify that

Sporton International Inc.

EMC & Wireless Communications Laboratory

No.52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien,
Taiwan, R.O.C.

is accredited in respect of laboratory

Accreditation Criteria	: ISO/IEC 17025:2005
Accreditation Number	: 1190
Originally Accredited	: December 15, 2003
Effective Period	: January 10, 2007 to January 09, 2010
Accredited Scope	: Testing Field, see described in the Appendix
Specific Accreditation Program	: Accreditation Program for Designated Testing Laboratory for Commodities Inspection Accreditation Program for Telecommunication Equipment Testing Laboratory



Jay-San Chen
President, Taiwan Accreditation Foundation
Date : January 10, 2007

P1, total 9 pages

The Appendix forms an integral part of this Certificate, which shall be invalid when used without the Appendix.