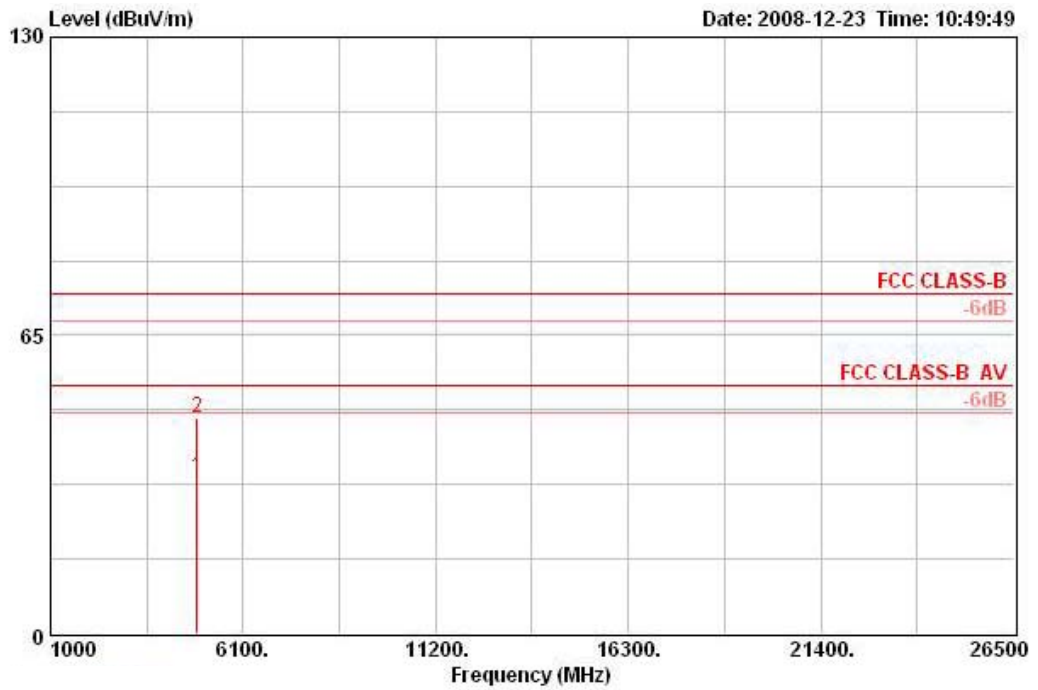


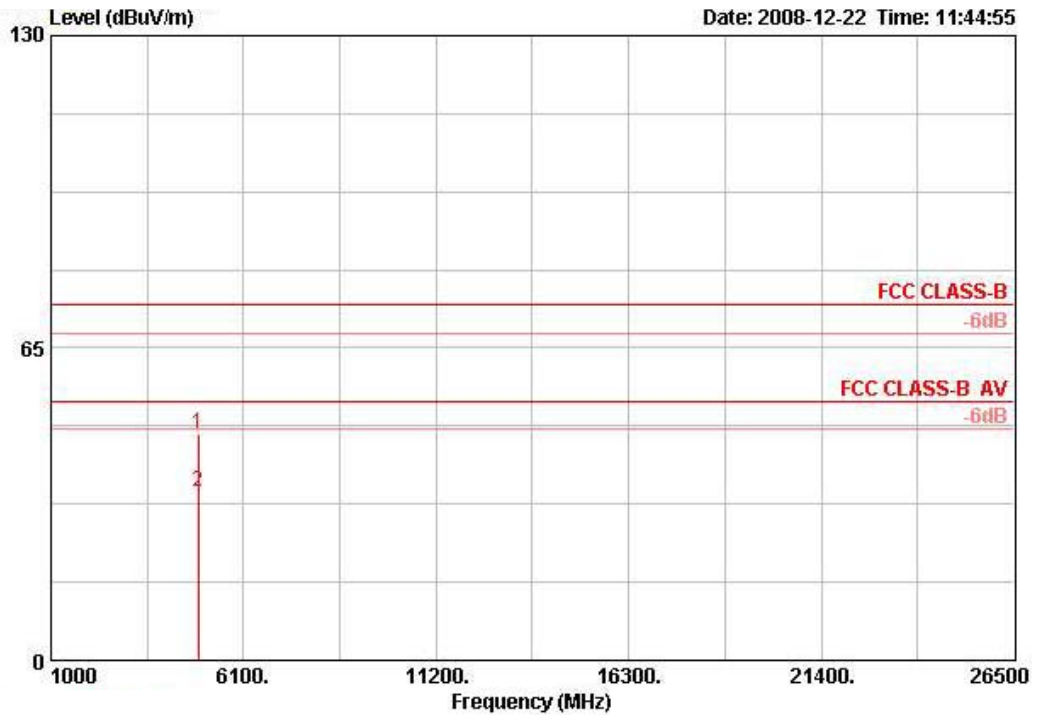
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	4874.001	34.10	-19.90	54.00	32.00	33.16	3.97	35.03	AVERAGE	100	107	HORIZONTAL
2	4874.009	46.97	-27.03	74.00	44.87	33.16	3.97	35.03	PEAK	100	107	HORIZONTAL

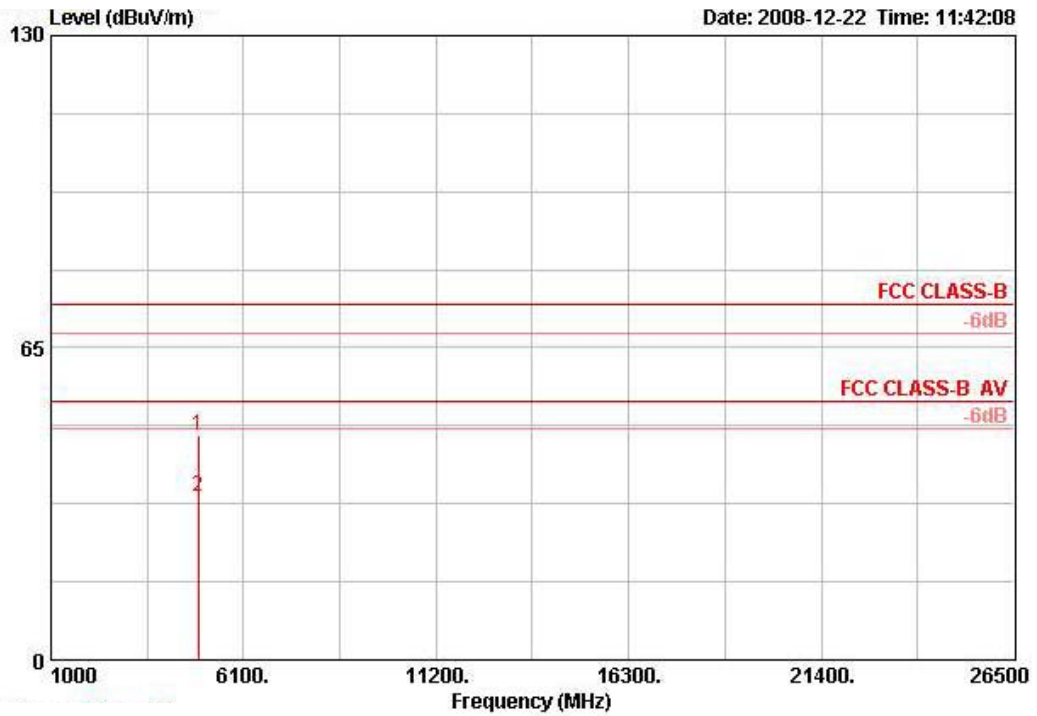
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 40MHz Ch 9 Ant. 1 + Ant. 3

Horizontal



	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	4903.870	47.09	-26.91	74.00	46.18	32.63	3.37	35.09	PEAK	128	137	HORIZONTAL
2 @	4903.990	35.20	-18.80	54.00	34.29	32.63	3.37	35.09	AVERAGE	128	137	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	4903.730	46.74	-27.26	74.00	45.83	32.63	3.37	35.09	PEAK	113	104	VERTICAL
2	4903.970	33.95	-20.05	54.00	33.04	32.63	3.37	35.09	AVERAGE	113	104	VERTICAL

Note:

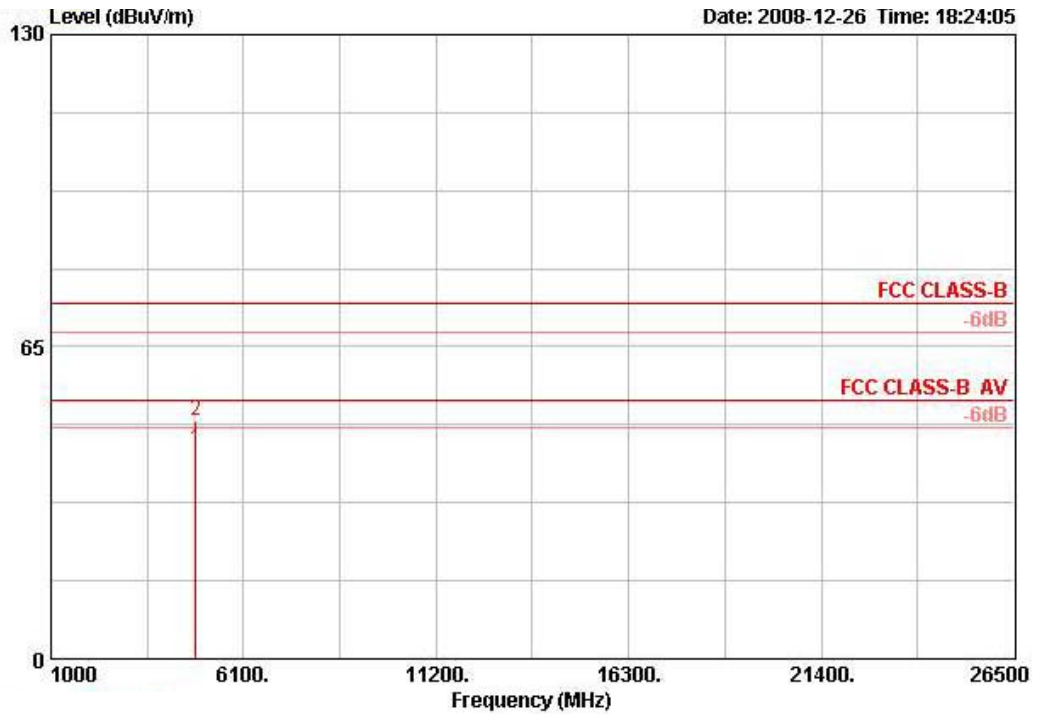
The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

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

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

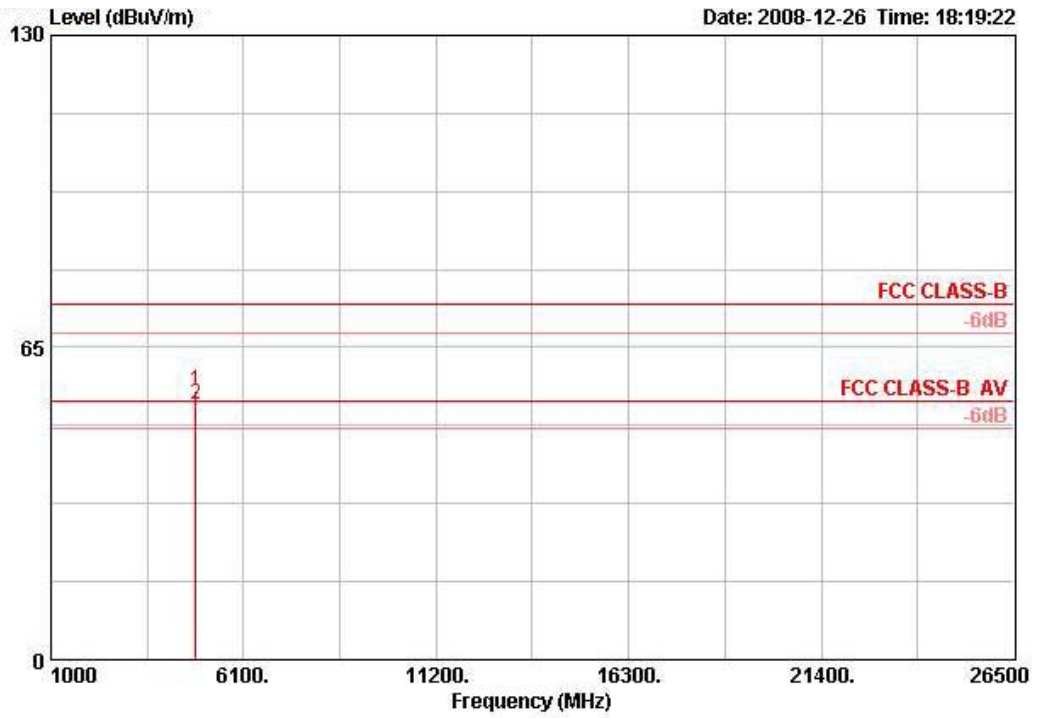
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11b CH 1 Ant. 1

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	4823.940	43.61	-10.39	54.00	43.07	32.46	3.34	35.26	AVERAGE	100	12	HORIZONTAL
2	4823.970	49.43	-24.57	74.00	48.89	32.46	3.34	35.26	PEAK	100	12	HORIZONTAL

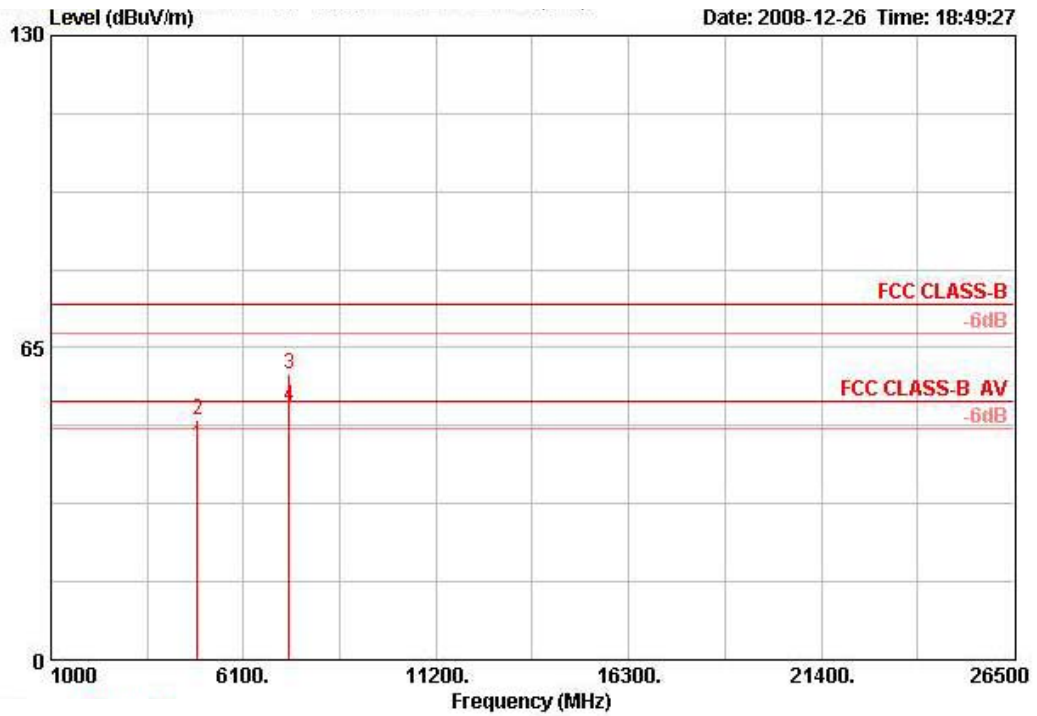
Vertical



	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	4823.950	56.01	-17.99	74.00	55.47	32.46	3.34	35.26	PEAK	112	267	VERTICAL
2 !	4823.980	53.24	-0.76	54.00	52.70	32.46	3.34	35.26	AVERAGE	112	267	VERTICAL

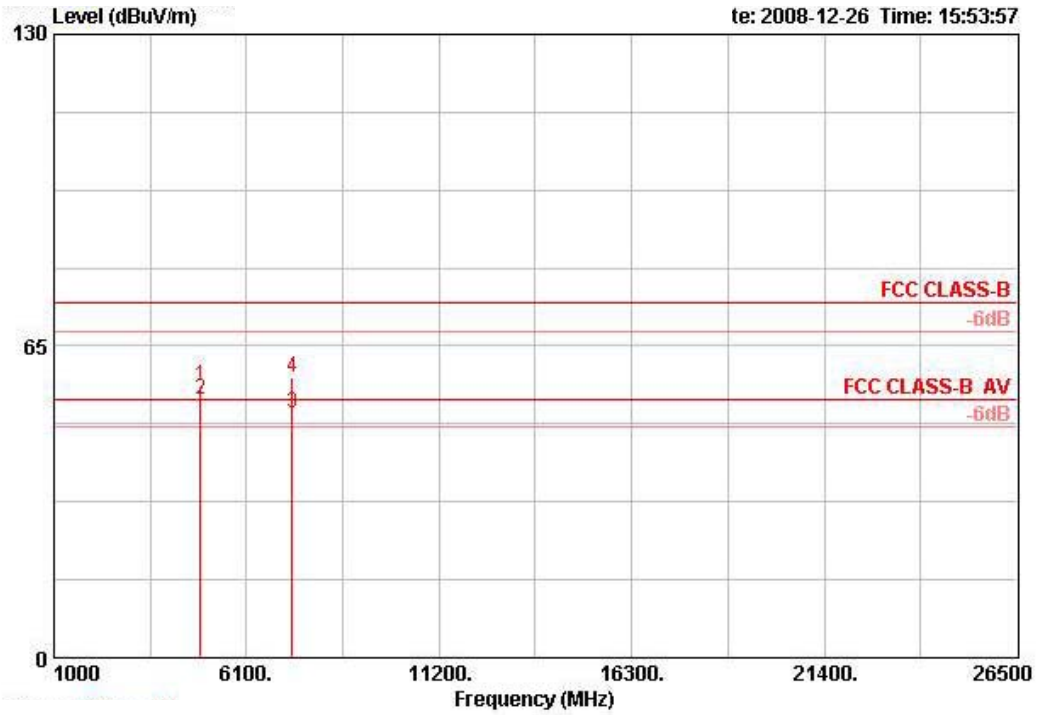
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11b CH 6 Ant. 1

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	4874.050	44.55	-9.45	54.00	43.77	32.56	3.36	35.15	AVERAGE	100	26	HORIZONTAL
2	4874.050	50.00	-24.00	74.00	49.23	32.56	3.36	35.15	PEAK	100	26	HORIZONTAL
3	7313.440	59.41	-14.59	74.00	53.35	36.67	4.32	34.93	PEAK	146	62	HORIZONTAL
4 !	7313.800	52.81	-1.19	54.00	46.75	36.67	4.32	34.93	AVERAGE	146	62	HORIZONTAL

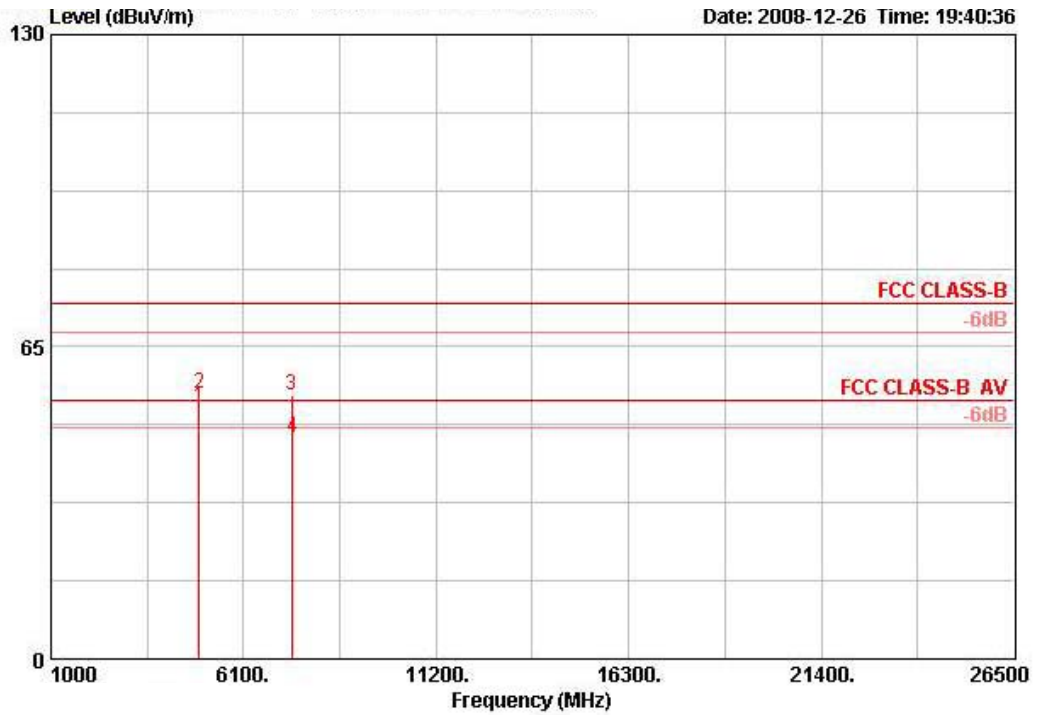
Vertical



	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	4873.910	56.75	-17.25	74.00	55.98	32.56	3.36	35.15	PEAK	111	271	VERTICAL
2 !	4874.030	53.95	-0.05	54.00	53.18	32.56	3.36	35.15	AVERAGE	111	271	VERTICAL
3 !	7310.240	50.89	-3.11	54.00	44.83	36.67	4.32	34.94	AVERAGE	167	178	VERTICAL
4	7311.000	58.43	-15.57	74.00	52.37	36.67	4.32	34.94	PEAK	167	178	VERTICAL

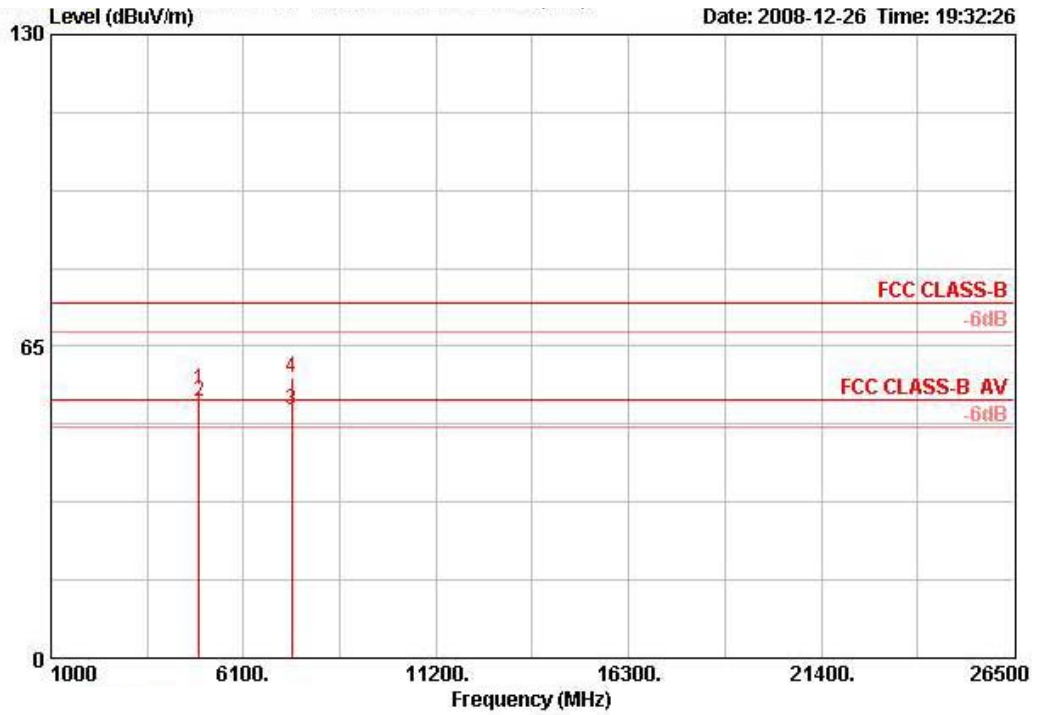
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11b CH 11 Ant. 1

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 !	4924.010	52.56	-1.44	54.00	51.55	32.66	3.38	35.03	AVERAGE	120	94	HORIZONTAL
2	4924.030	55.40	-18.60	74.00	54.39	32.66	3.38	35.03	PEAK	120	94	HORIZONTAL
3	7386.080	54.73	-19.27	74.00	48.56	36.78	4.30	34.90	PEAK	100	152	HORIZONTAL
4	7388.760	46.11	-7.89	54.00	39.93	36.78	4.29	34.89	AVERAGE	100	152	HORIZONTAL

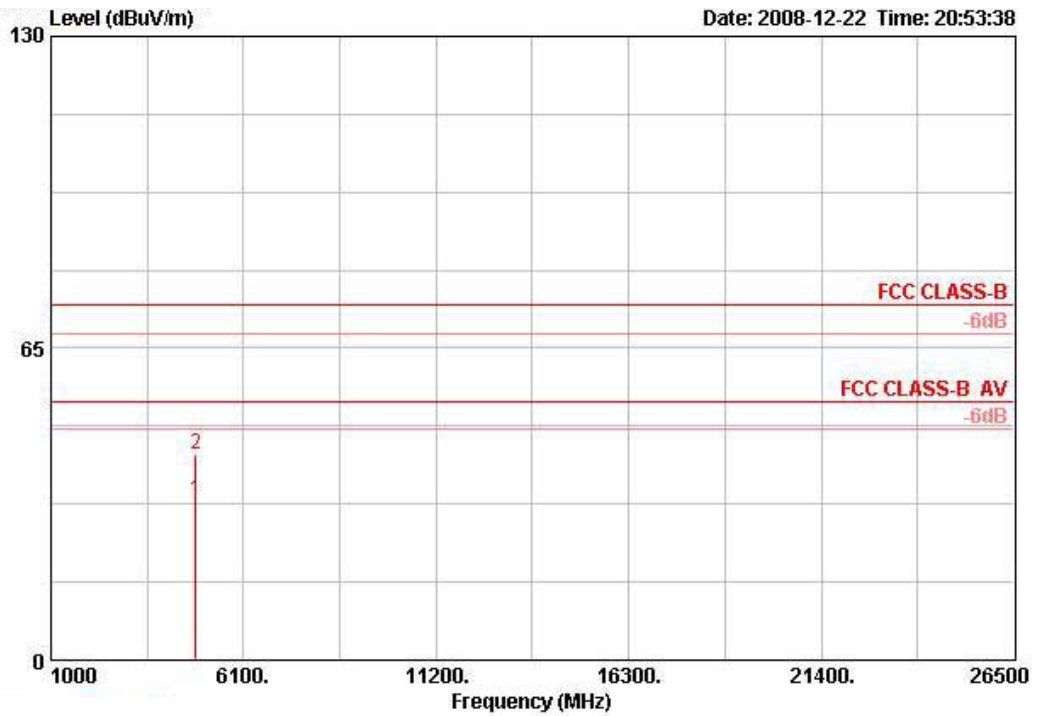
Vertical



	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	4923.920	56.10	-17.90	74.00	55.09	32.66	3.38	35.03	PEAK	110	271	VERTICAL
2 !	4924.010	53.52	-0.48	54.00	52.51	32.66	3.38	35.03	AVERAGE	110	271	VERTICAL
3 !	7383.200	51.86	-2.14	54.00	45.71	36.76	4.30	34.90	AVERAGE	178	86	VERTICAL
4	7383.720	58.62	-15.38	74.00	52.45	36.78	4.30	34.90	PEAK	178	86	VERTICAL

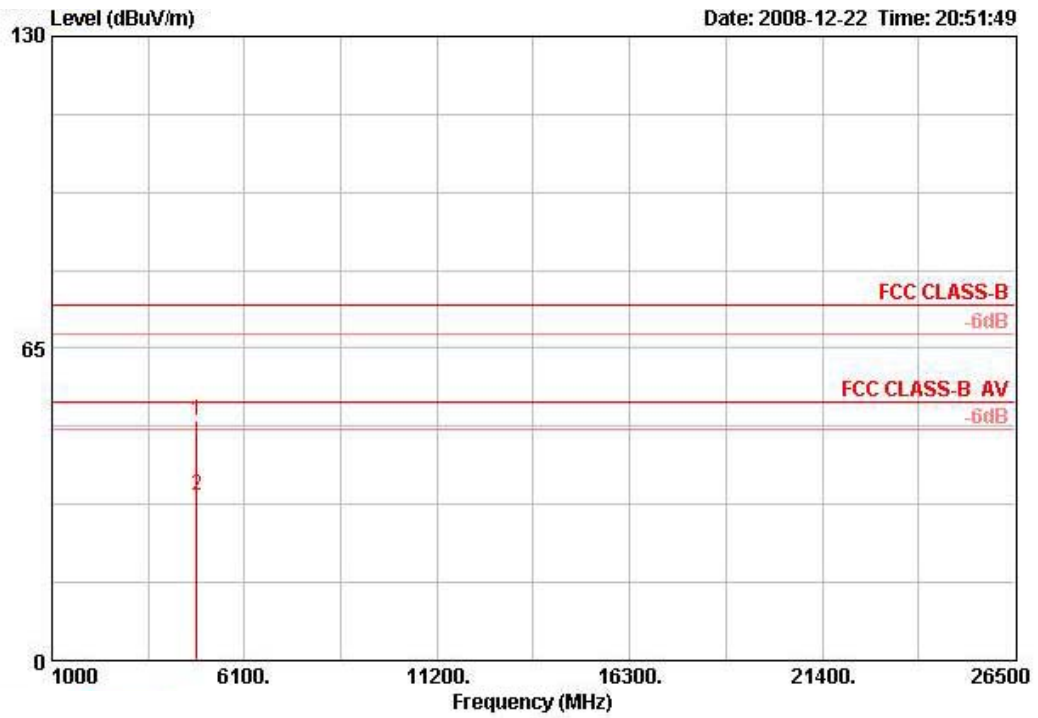
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11g CH 1 Ant. 1 + Ant. 3

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 @	4823.999	33.46	-20.54	54.00	32.92	32.46	3.34	35.26	AVERAGE	100	146	HORIZONTAL
2	4824.004	42.98	-31.02	74.00	42.44	32.46	3.34	35.26	PEAK	100	146	HORIZONTAL

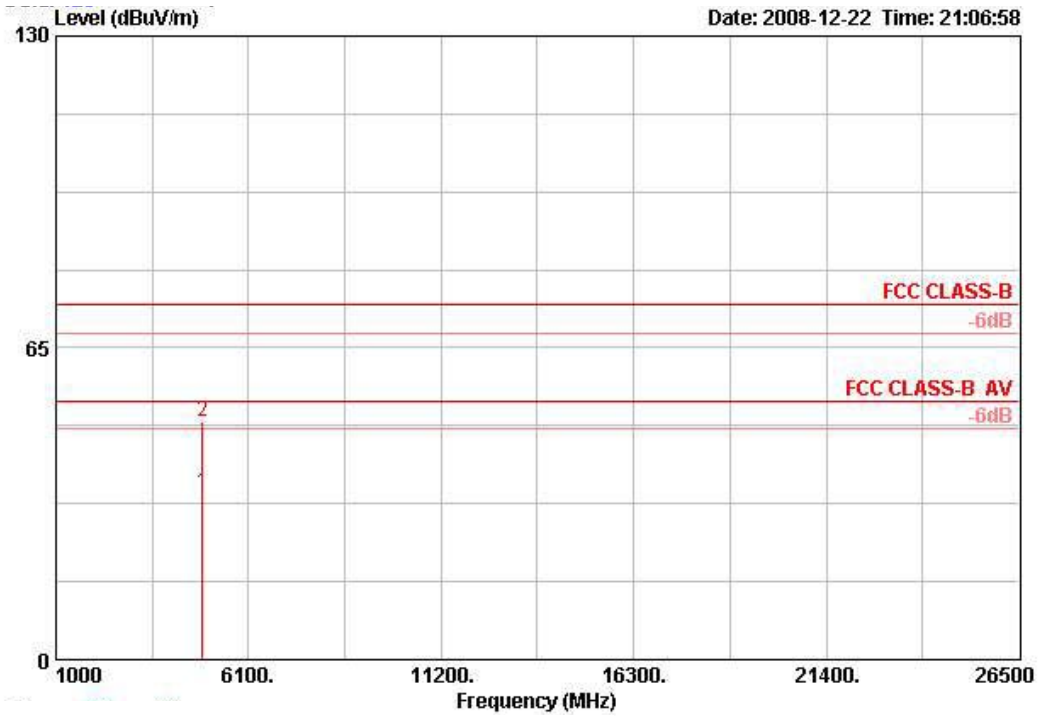
Vertical



	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	4824.000	50.06	-23.94	74.00	49.52	32.46	3.34	35.26	PEAK	100	129	VERTICAL
2 @	4824.001	34.36	-19.64	54.00	33.82	32.46	3.34	35.26	AVERAGE	100	129	VERTICAL

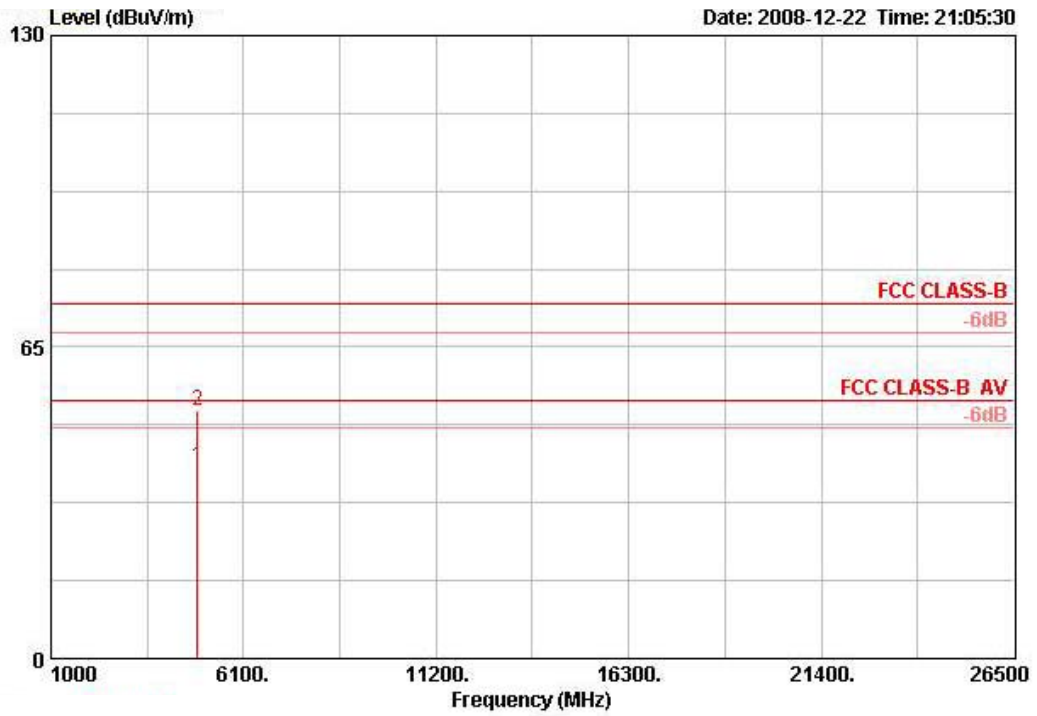
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11g CH 6 Ant. 1 + Ant. 3

Horizontal



	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 @	4873.995	34.87	-19.13	54.00	34.09	32.56	3.36	35.15	AVERAGE	100	248	HORIZONTAL
2	4874.002	49.57	-24.43	74.00	48.79	32.56	3.36	35.15	PEAK	100	248	HORIZONTAL

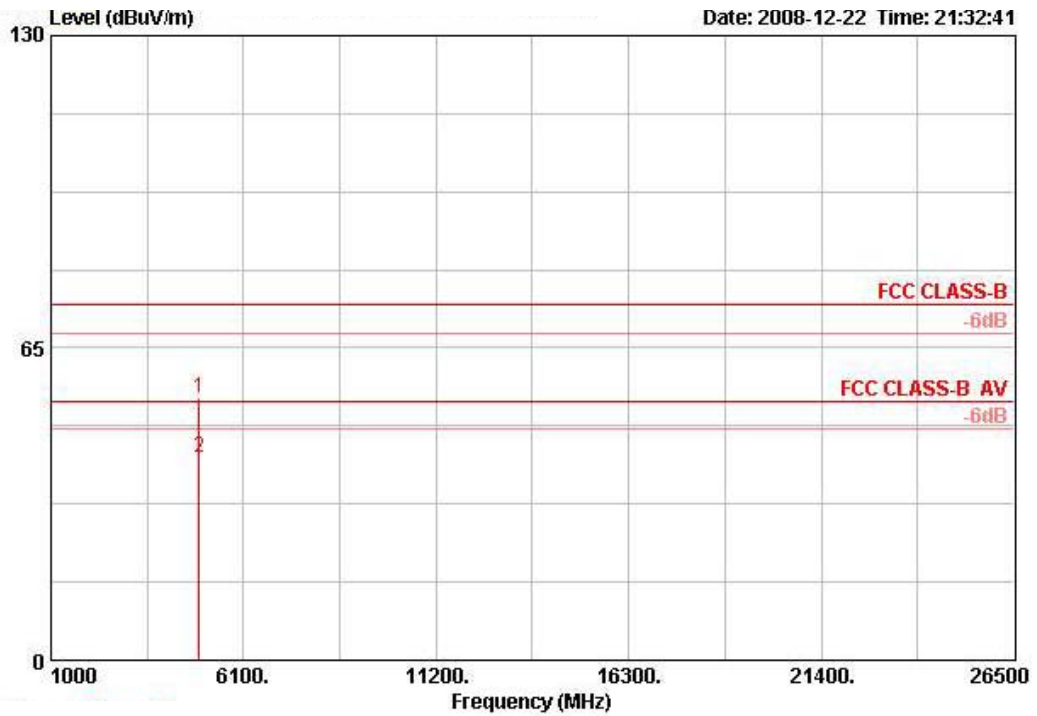
Vertical



	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 @	4873.995	40.19	-13.81	54.00	39.42	32.56	3.36	35.15	AVERAGE	100	137	VERTICAL
2	4873.999	51.88	-22.12	74.00	51.11	32.56	3.36	35.15	PEAK	100	137	VERTICAL

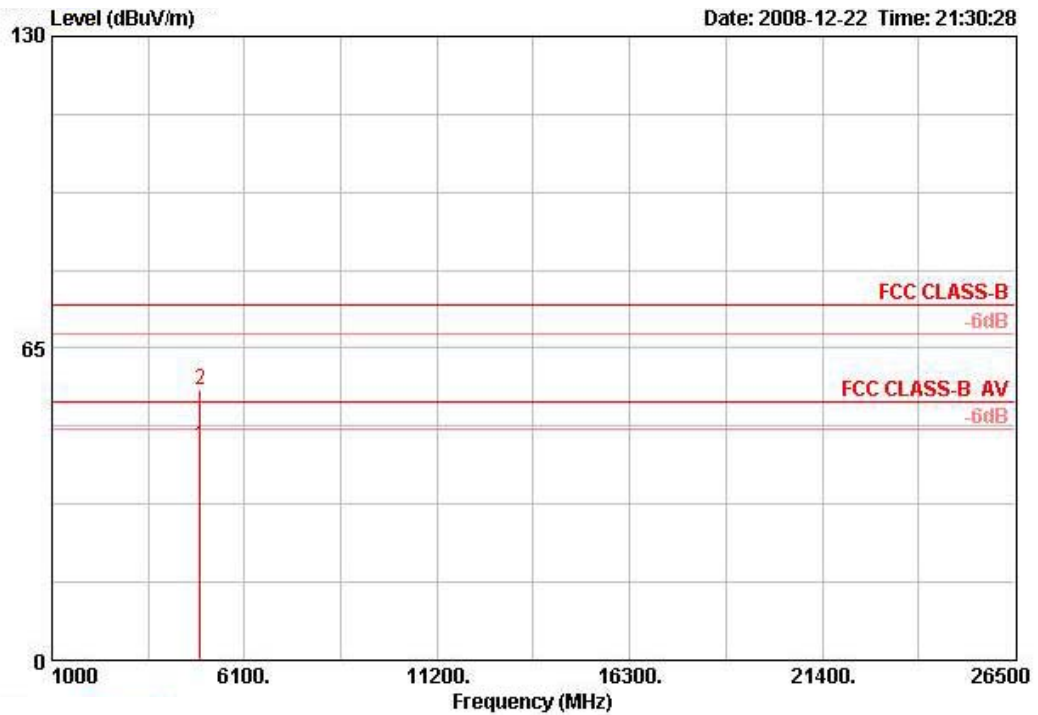
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11g CH 11 Ant. 1 + Ant. 3

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	4923.996	54.49	-19.51	74.00	53.48	32.66	3.38	35.03	PEAK	100	360	HORIZONTAL
2 @	4923.998	42.24	-11.76	54.00	41.22	32.66	3.38	35.03	AVERAGE	100	360	HORIZONTAL

Vertical



	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Remark	Ant	Table		
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB	cm	deg	Pol/Phase	
1 @	4923.998	44.62	-9.38	54.00	43.61	32.66	3.38	35.03	AVERAGE	100	360	VERTICAL
2	4924.000	56.37	-17.63	74.00	55.36	32.66	3.38	35.03	PEAK	100	360	VERTICAL

Note:

The amplitude of spurious emissions that are attenuated by more than 20dB 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.

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 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	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 20MHz Ch 1, 6, 11 Ant. 1 + Ant. 3
Test Date	Dec. 26, 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 !	2386.600	69.52	-4.48	74.00	39.25	27.87	2.40	0.00	PEAK	100	230	VERTICAL
2 !	2389.000	52.25	-1.75	54.00	21.99	27.87	2.40	0.00	AVERAGE	100	230	VERTICAL
3 @	2415.800	98.53			68.26	27.84	2.43	0.00	AVERAGE	100	230	VERTICAL
4 @	2416.200	109.70			79.43	27.84	2.43	0.00	PEAK	100	230	VERTICAL

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	2388.200	67.59	-6.41	74.00	37.32	27.87	2.40	0.00	PEAK	100	228	VERTICAL
2 !	2388.600	49.97	-4.03	54.00	19.71	27.87	2.40	0.00	AVERAGE	100	228	VERTICAL
3 @	2440.800	104.61			74.38	27.78	2.44	0.00	AVERAGE	100	228	VERTICAL
4 @	2442.800	116.52			86.29	27.78	2.44	0.00	PEAK	100	228	VERTICAL
5	2483.500	62.68	-11.32	74.00	32.50	27.73	2.46	0.00	PEAK	100	228	VERTICAL
6	2483.500	47.93	-6.07	54.00	17.75	27.73	2.46	0.00	AVERAGE	100	228	VERTICAL

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 @	2458.200	109.50			79.31	27.76	2.44	0.00	PEAK	123	222	VERTICAL
2 @	2458.200	98.17			67.97	27.76	2.44	0.00	AVERAGE	123	222	VERTICAL
3 !	2483.500	53.30	-0.70	54.00	23.12	27.73	2.46	0.00	AVERAGE	123	222	VERTICAL
4 !	2483.500	71.39	-2.61	74.00	41.21	27.73	2.46	0.00	PEAK	123	222	VERTICAL

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

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 40MHz Ch 3, 6, 9 Ant. 1 + Ant. 3
Test Date	Dec. 26, 2008		

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	68.63	-5.37	74.00	38.36	27.87	2.40	0.00	PEAK	100	227	VERTICAL
2 !	2388.400	53.74	-0.26	54.00	23.47	27.87	2.40	0.00	AVERAGE	100	227	VERTICAL
3 @	2425.600	94.58			64.34	27.81	2.43	0.00	AVERAGE	100	227	VERTICAL
4	2426.400	106.98			76.74	27.81	2.43	0.00	PEAK	100	227	VERTICAL

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 !	2387.200	70.17	-3.83	74.00	39.91	27.87	2.40	0.00	PEAK	100	228	VERTICAL
2 !	2388.400	53.22	-0.78	54.00	22.95	27.87	2.40	0.00	AVERAGE	100	228	VERTICAL
3 @	2423.400	96.67			66.43	27.81	2.43	0.00	AVERAGE	100	228	VERTICAL
4	2423.400	108.92			78.68	27.81	2.43	0.00	PEAK	100	228	VERTICAL
5 !	2483.500	50.64	-3.36	54.00	20.45	27.73	2.46	0.00	AVERAGE	100	228	VERTICAL
6	2483.900	67.10	-6.90	74.00	36.91	27.73	2.46	0.00	PEAK	100	228	VERTICAL

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	2444.000	105.60			75.38	27.78	2.44	0.00	PEAK	125	222	VERTICAL
2 @	2458.400	92.71			62.51	27.76	2.44	0.00	AVERAGE	125	222	VERTICAL
3 !	2485.100	52.76	-1.24	54.00	22.58	27.73	2.46	0.00	AVERAGE	125	222	VERTICAL
4	2487.900	66.38	-7.62	74.00	36.23	27.70	2.46	0.00	PEAK	125	222	VERTICAL

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	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11b CH 1, 6, 11 Ant. 1
Test Date	Dec. 26, 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	2387.200	58.85	-15.15	74.00	28.58	27.87	2.40	0.00	PEAK	100	50	VERTICAL
2 !	2390.000	49.35	-4.65	54.00	19.07	27.87	2.42	0.00	AVERAGE	100	50	VERTICAL
3	2414.200	103.77			73.51	27.84	2.42	0.00	PEAK	100	50	VERTICAL
4 @	2414.800	99.02			68.77	27.84	2.42	0.00	AVERAGE	100	50	VERTICAL

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	2388.800	56.30	-17.70	74.00	26.04	27.87	2.40	0.00	PEAK	105	25	VERTICAL
2	2390.000	44.74	-9.26	54.00	14.45	27.87	2.42	0.00	AVERAGE	105	25	VERTICAL
3 @	2434.400	103.30			73.06	27.81	2.43	0.00	AVERAGE	105	25	VERTICAL
4	2435.600	107.87			77.64	27.81	2.43	0.00	PEAK	105	25	VERTICAL
5	2483.500	43.30	-10.70	54.00	13.12	27.73	2.46	0.00	AVERAGE	105	25	VERTICAL
6	2485.100	54.52	-19.48	74.00	24.34	27.73	2.46	0.00	PEAK	105	25	VERTICAL

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 @	2459.400	100.28			70.08	27.76	2.44	0.00	AVERAGE	103	24	VERTICAL
2	2460.000	105.12			74.92	27.76	2.44	0.00	PEAK	103	24	VERTICAL
3 !	2483.500	50.35	-3.65	54.00	20.17	27.73	2.46	0.00	AVERAGE	103	24	VERTICAL
4	2483.500	58.49	-15.51	74.00	28.31	27.73	2.46	0.00	PEAK	103	24	VERTICAL

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

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11g CH 1, 6, 11 Ant. 1 + Ant. 3
Test Date	Dec. 26, 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	73.20	-0.80	74.00	42.94	27.87	2.40	0.00	PEAK	104	230	VERTICAL
2 !	2390.000	53.79	-0.21	54.00	23.51	27.87	2.42	0.00	AVERAGE	104	230	VERTICAL
3 @	2409.600	110.88			80.62	27.84	2.42	0.00	PEAK	104	230	VERTICAL
4 @	2414.800	99.63			69.38	27.84	2.42	0.00	AVERAGE	104	230	VERTICAL

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 @	2387.800	63.51	-10.49	74.00	33.24	27.87	2.40	0.00	PEAK	123	122	HORIZONTAL
2 @	2390.000	48.41	-5.59	54.00	18.13	27.87	2.42	0.00	AVERAGE	123	122	HORIZONTAL
3 @	2432.800	108.31			78.07	27.81	2.43	0.00	AVERAGE	123	122	HORIZONTAL
4 @	2433.400	119.24			89.00	27.81	2.43	0.00	PEAK	123	122	HORIZONTAL
5 @	2483.500	48.68	-5.32	54.00	18.49	27.73	2.46	0.00	AVERAGE	123	122	HORIZONTAL
6 @	2483.500	66.76	-7.24	74.00	36.57	27.73	2.46	0.00	PEAK	123	122	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 @	2458.800	96.68			66.48	27.76	2.44	0.00	AVERAGE	121	198	HORIZONTAL
2	2463.800	106.98			76.78	27.76	2.44	0.00	PEAK	121	198	HORIZONTAL
3 !	2483.500	52.33	-1.67	54.00	22.14	27.73	2.46	0.00	AVERAGE	121	198	HORIZONTAL
4 !	2484.100	69.79	-4.21	74.00	39.61	27.73	2.46	0.00	PEAK	121	198	HORIZONTAL

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

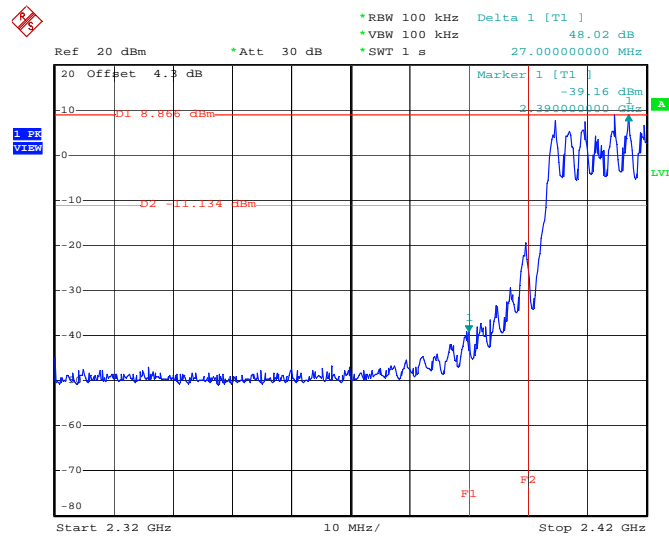
Note:

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

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

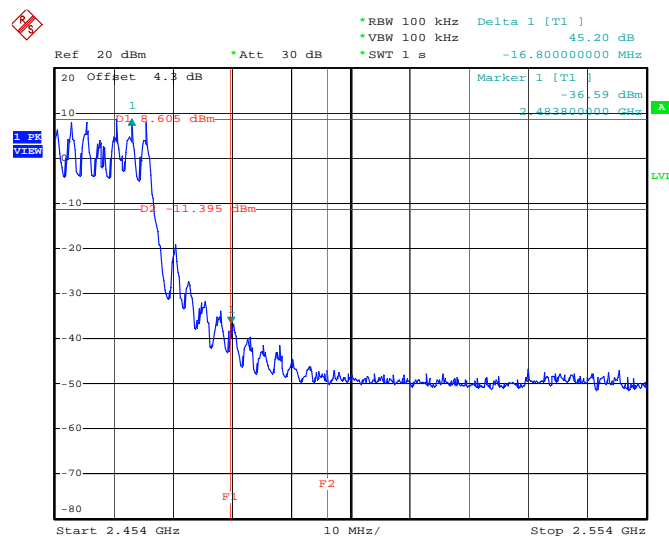
For Emission not in Restricted Band

Low Band Edge Plot on Configuration Drafft n MCS0 20MHz Ant. 1 + Ant. 3 / 2412 MHz



Date: 26.DEC.2008 17:55:22

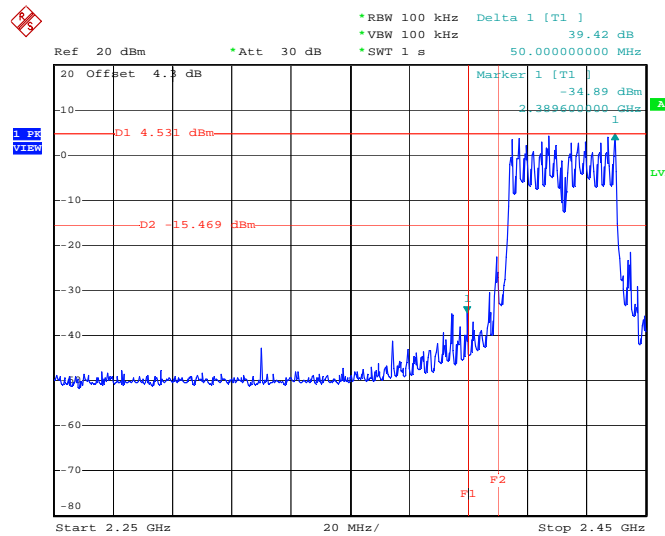
High Band Edge Plot on Configuration Drafft n MCS0 20MHz Ant. 1 + Ant. 3 / 2462 MHz



Date: 26.DEC.2008 17:54:19

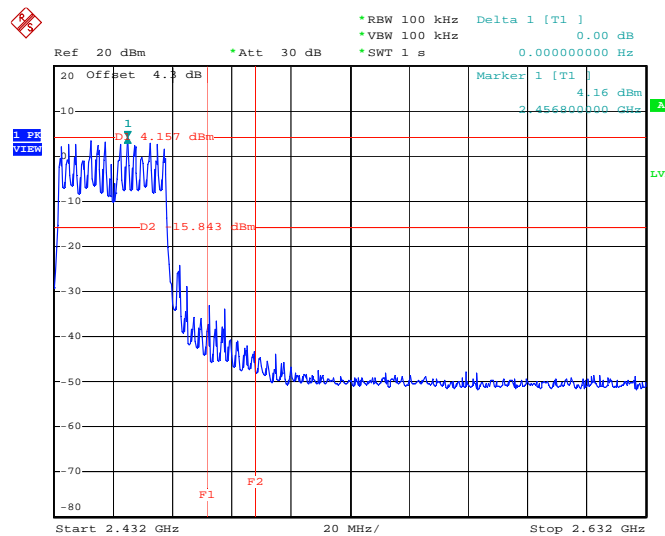
For Emission not in Restricted Band

Low Band Edge Plot on Configuration Drafft n MCS0 40MHz Ant. 1 + Ant. 3 / 2422 MHz



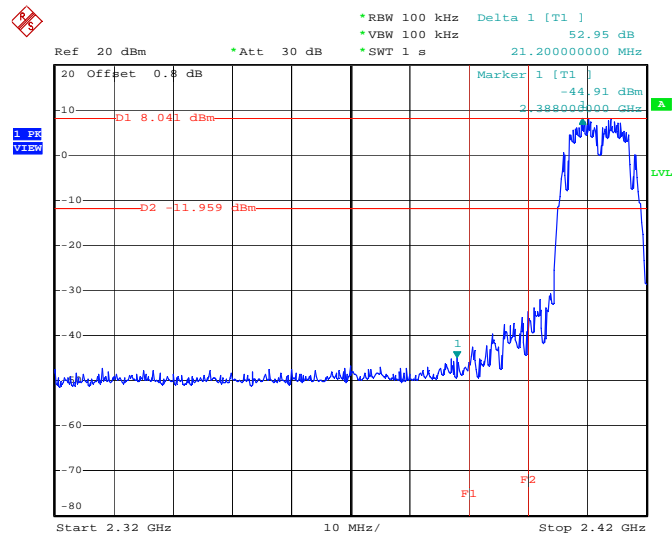
Date: 26.DEC.2008 18:02:25

High Band Edge Plot on Configuration Drafft n MCS0 40MHz Ant. 1 + Ant. 3 / 2452 MHz



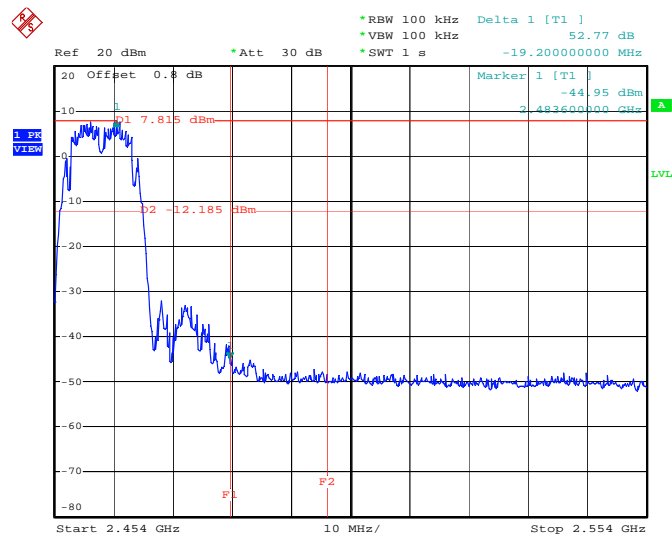
Date: 26.DEC.2008 18:01:15

Low Band Edge Plot on Configuration IEEE 802.11b Ant. 1/ 2412 MHz



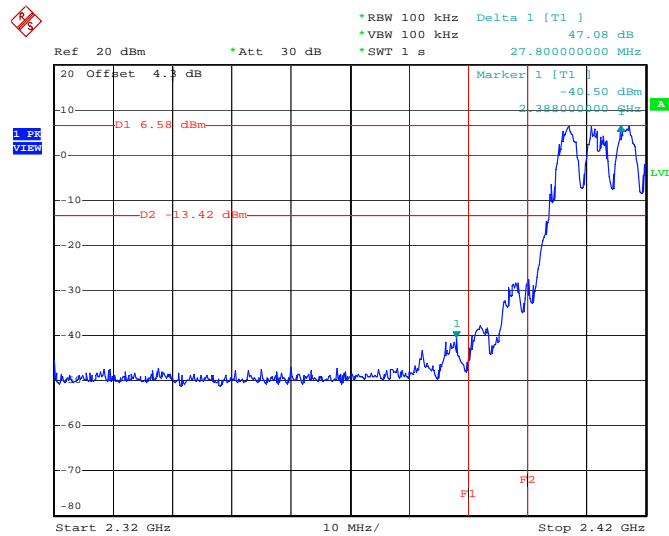
Date: 26.DEC.2008 17:44:06

High Band Edge Plot on Configuration IEEE 802.11b Ant. 1 / 2462 MHz



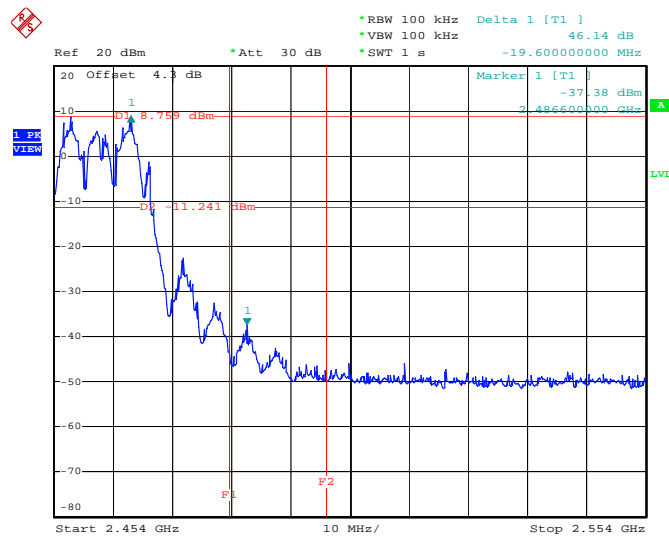
Date: 26.DEC.2008 17:47:02

Low Band Edge Plot on Configuration IEEE 802.11g Ant. 1 + Ant. 3 / 2412 MHz



Date: 26.DEC.2008 17:50:42

High Band Edge Plot on Configuration IEEE 802.11g Ant. 1 + Ant. 3 / 2462 MHz



Date: 26.DEC.2008 17:53:11

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 ST08	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	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)
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	FSP30	100023	9kHz ~ 30GHz	Jan. 10, 2008	Conducted (TH01-HY)
Power Meter	R&S	NRVS	100444	DC ~ 40GHz	Jul. 11, 2008	Conducted (TH01-HY)
Power Sensor	R&S	NRV-Z51	100458	DC ~ 30GHz	Jul. 11, 2008	Conducted (TH01-HY)
Power Sensor	R&S	NRV-Z32	100057	30MHz ~ 6GHz	Jul. 11, 2008	Conducted (TH01-HY)
AC Power Source	HPC	HPA-500W	HPA-9100024	AC 0 ~ 300V	May 30, 2008*	Conducted (TH01-HY)
DC Power Source	G.W.	GPC-6030D	C671845	DC 1V ~ 60V	Mar. 13, 2008	Conducted (TH01-HY)
Temp. and Humidity Chamber	Giant Force	GTH-225-20-S	MAB0103-001	N/A	Jul. 18, 2008	Conducted (TH01-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
RF CABLE-1m	Jye Bao	RG142	CB034-1m	20MHz ~ 7GHz	Dec. 01, 2008	Conducted (TH01-HY)
RF CABLE-2m	Jye Bao	RG142	CB035-2m	20MHz ~ 1GHz	Dec. 01, 2008	Conducted (TH01-HY)
Vector Signal Generator	R&S	SMU200A	102098	100kHz ~ 6GHz	Dec. 14, 2008	Conducted (TH01-HY)
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	Mar. 10, 2008	Conducted (TH01-HY)
Oscilloscope	Tektonix	TDS380	B016197	400MHz/ 2GS/s	Jun. 27, 2008	Conducted (TH01-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.