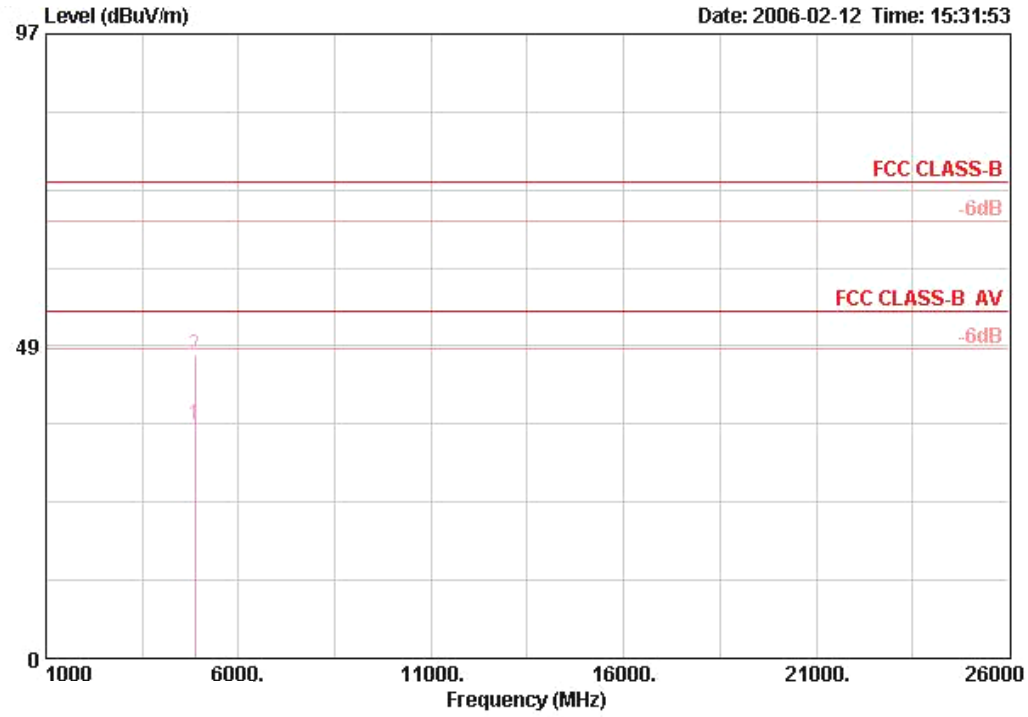
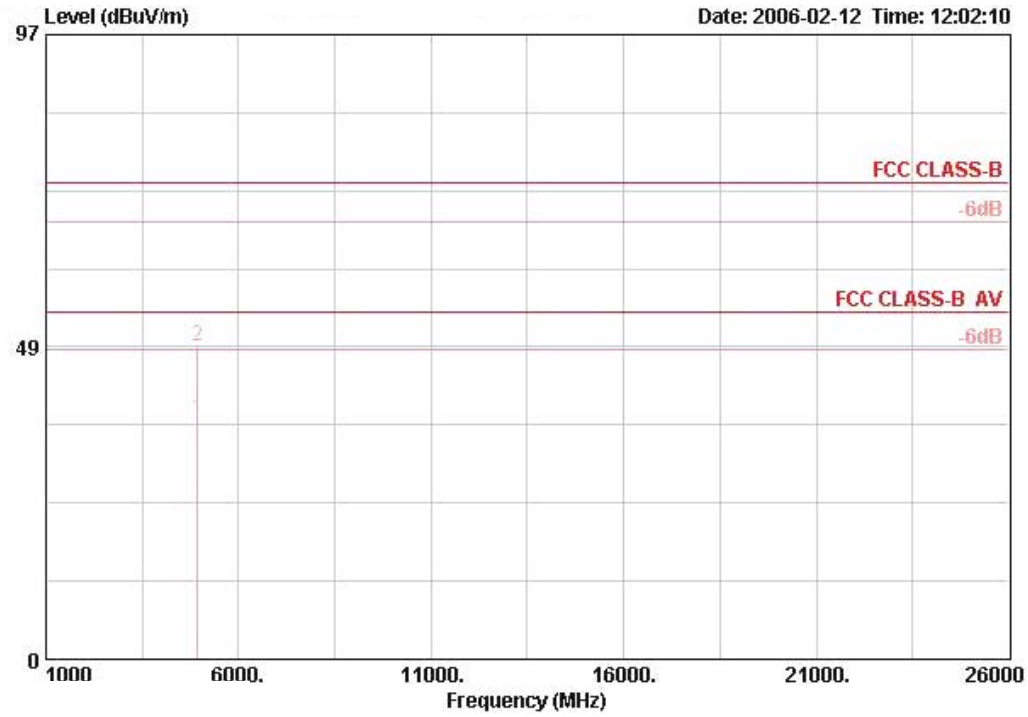
Vertical



	Freq	Level	Over Limit	Limit Line	Antenna 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 @	4874.720	36.29	-17.71	54.00	33.33	4.69	35.10	33.37	AVERAGE	128	309
2 @	4874.720	47.09	-26.91	74.00	33.33	4.69	35.10	44.16	PEAK	128	309

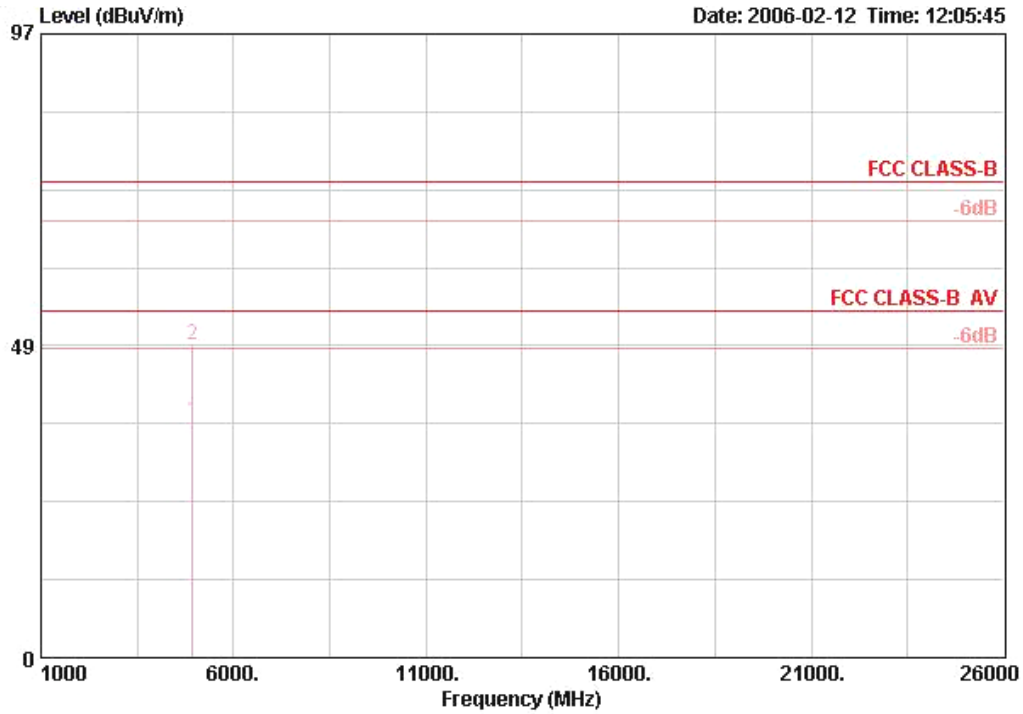
Temperature	24℃	Humidity	64%
Test Engineer	Rush Kao	Configurations	802.11g Channel 11 / Ant. 2

Horizontal



	Freq	Level	Over Limit	Limit Line	Antenna 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 @	4924.340	37.19	-16.81	54.00	33.45	4.73	35.10	34.12	AVERAGE	157	318
2 @	4924.340	48.58	-25.42	74.00	33.45	4.73	35.10	45.51	PEAK	157	318

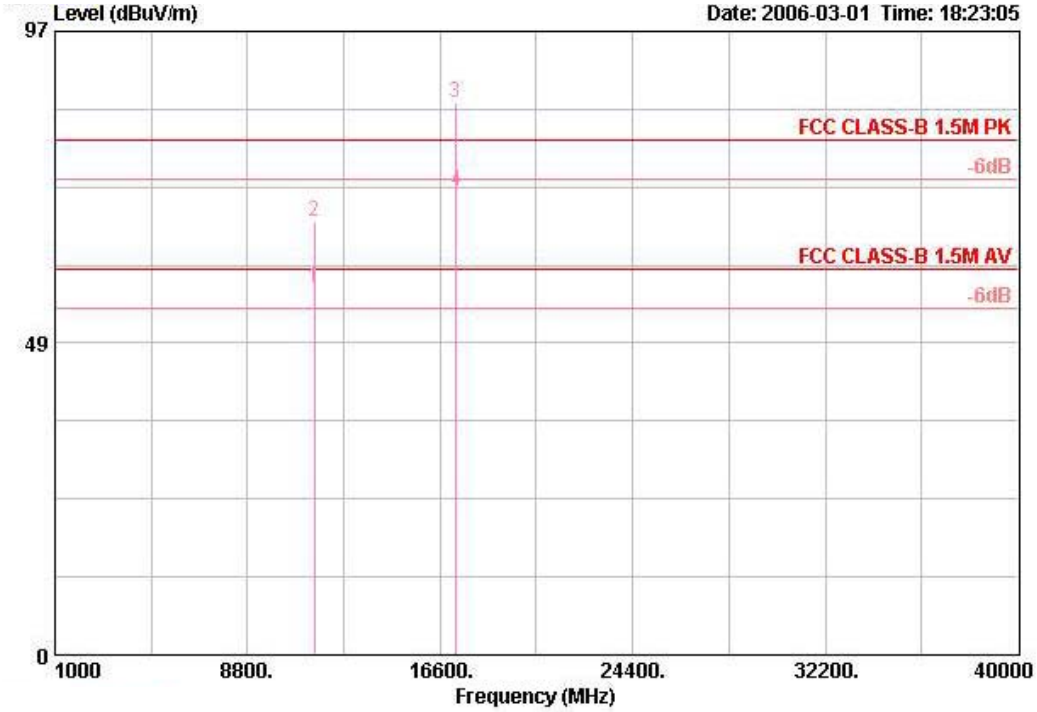
Vertical



	Freq	Level	Over Limit	Limit Line	Antenna 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 @	4924.860	36.78	-17.22	54.00	33.45	4.73	35.10	33.70	AVERAGE	146	356
2 @	4924.860	48.72	-25.28	74.00	33.45	4.73	35.10	45.64	PEAK	146	356

Temperature	24℃	Humidity	64%
Test Engineer	Rush Kao	Configurations	802.11a Channel 149 / Ant. 3

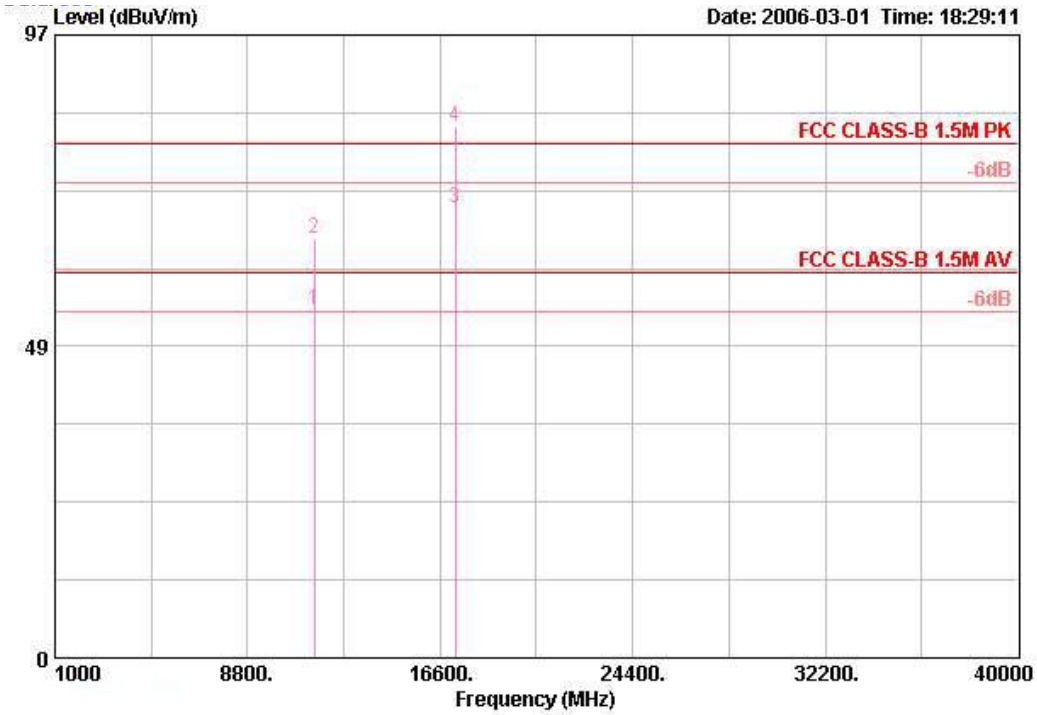
Horizontal



	Freq	Level	Over Limit	Limit Line	Antenna 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 @	11490.360	57.01	-2.99	60.00	39.20	6.96	35.10	45.95	AVERAGE	100	304
2	11490.360	67.37	-12.63	80.00	39.20	6.96	35.10	56.31	PEAK	100	304
3 @	17232.680	85.81			40.93	18.15	35.00	61.73	PEAK	139	270
4 @	17234.120	72.04			40.93	18.15	35.00	47.96	AVERAGE	139	270

Note: Item 3, 4 are on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Vertical

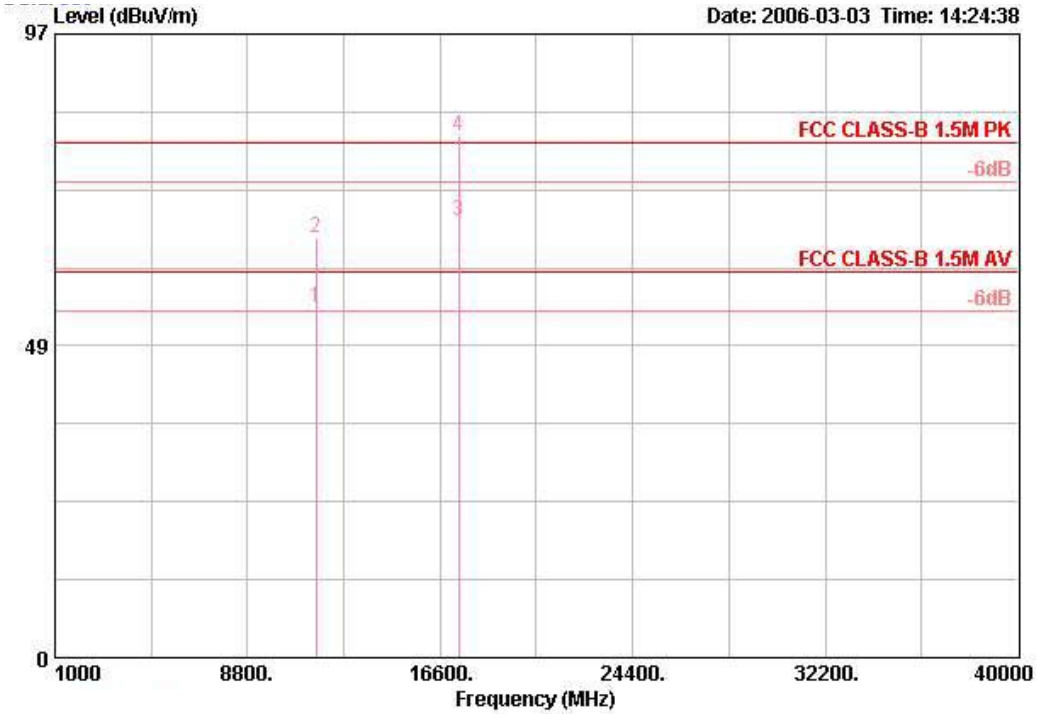


	Freq	Level	Over Limit	Limit Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV		cm	deg
1 !	11491.120	54.11	-5.89	60.00	39.20	6.96	35.10	43.05	AVERAGE	126	296
2	11491.120	65.36	-14.64	80.00	39.20	6.96	35.10	54.30	PEAK	126	296
3 @	17231.240	70.17			40.93	18.15	35.00	46.09	AVERAGE	128	256
4 @	17231.240	82.79			40.93	18.15	35.00	58.72	PEAK	128	256

Note: Item 3, 4 are on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Temperature	24℃	Humidity	64%
Test Engineer	Rush Kao	Configurations	802.11a Channel 157 / Ant. 3

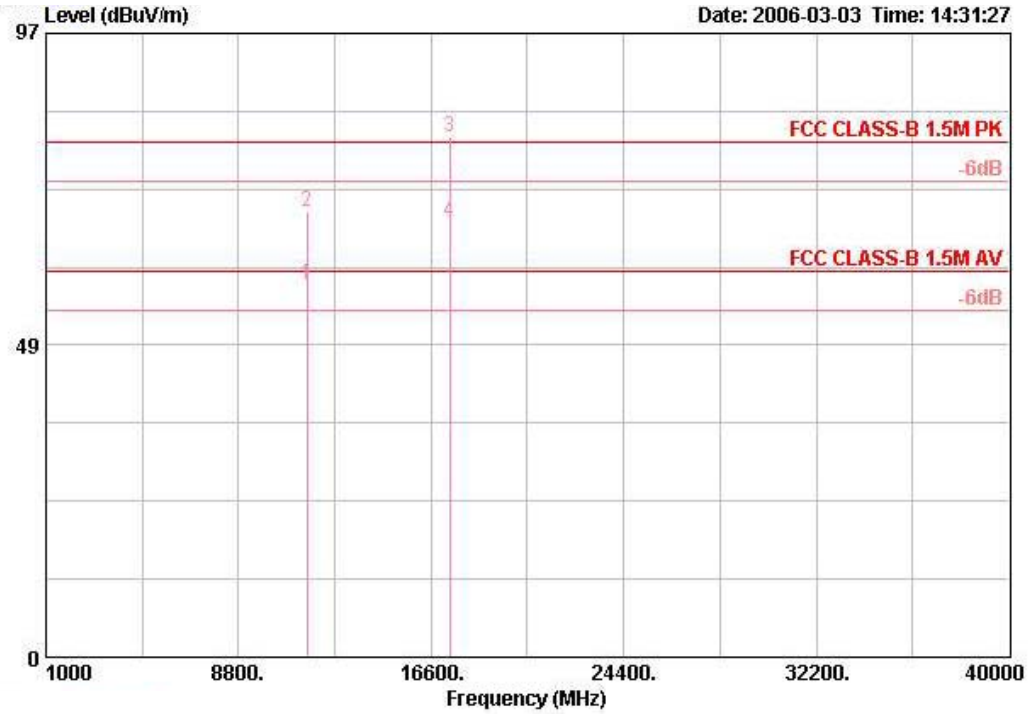
Horizontal



	Freq	Level	Over Limit	Limit Line	Antenna 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 !	11569.560	54.56	-5.44	60.00	39.21	7.06	35.12	43.42	AVERAGE	100	266
2	11569.560	65.30	-14.70	80.00	39.21	7.06	35.12	54.15	PEAK	100	266
3 @	17356.080	68.06			41.44	17.41	35.04	44.25	AVERAGE	139	258
4 @	17356.080	81.20			41.44	17.41	35.04	57.39	PEAK	139	258

Note: Item 3, 4 are on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Vertical

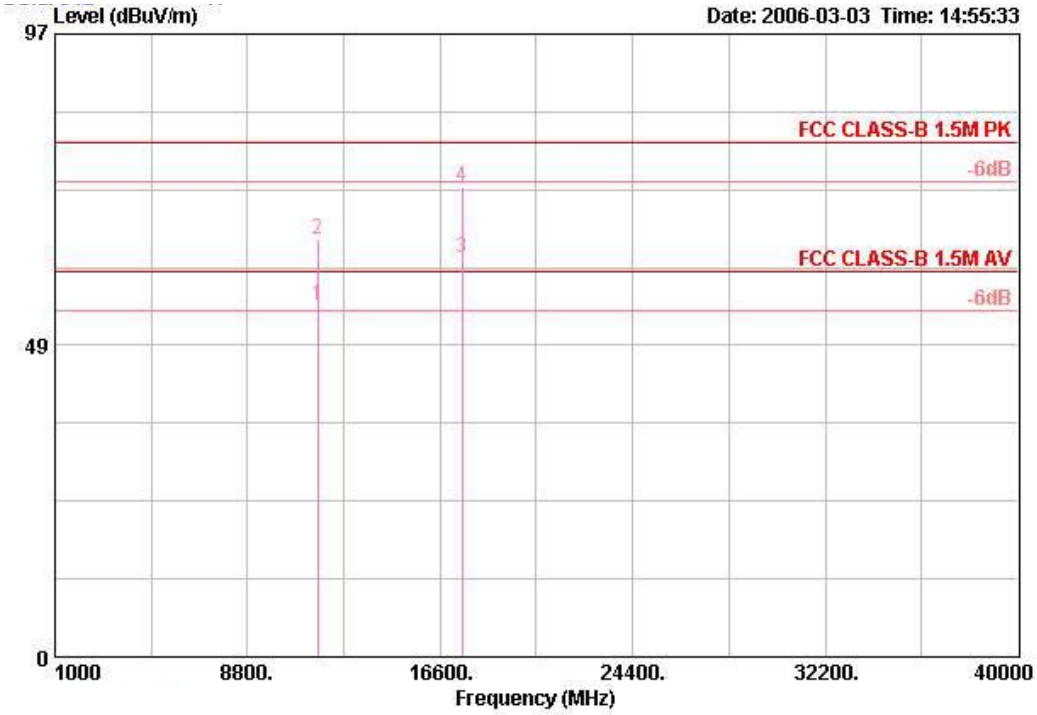


	Freq	Level	Over Limit	Limit Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV		cm	deg
1 @	11570.560	57.86	-2.14	60.00	39.21	7.06	35.13	46.72	AVERAGE	110	230
2	11570.560	69.19	-10.81	80.00	39.21	7.06	35.13	58.05	PEAK	110	230
3 @	17350.560	80.79			41.44	17.41	35.04	56.98	PEAK	105	309
4 @	17358.080	67.72			41.44	17.41	35.04	43.91	AVERAGE	105	309

Note: Item 3, 4 are on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Temperature	24℃	Humidity	64%
Test Engineer	Rush Kao	Configurations	802.11a Channel 165 / Ant. 3

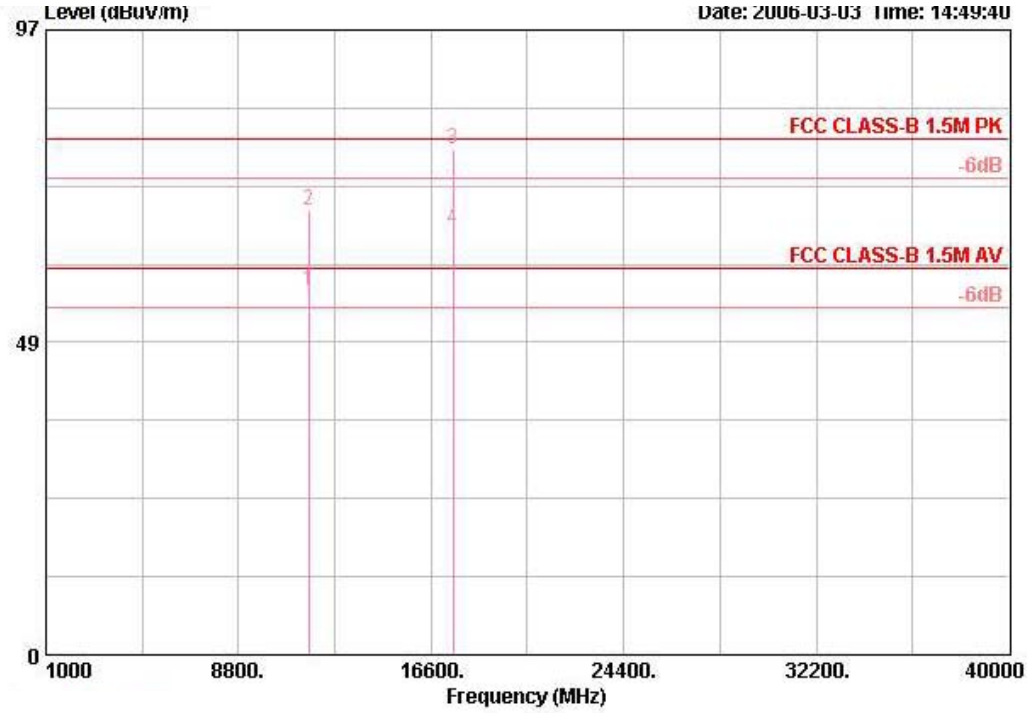
Horizontal



	Freq	Level	Over Limit	Limit Line	Antenna 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 !	11649.480	54.59	-5.41	60.00	39.23	7.15	35.16	43.37	AVERAGE	122	264
2	11649.480	65.12	-14.88	80.00	39.23	7.15	35.16	53.91	PEAK	122	264
3 @	17477.000	62.23			41.95	16.66	35.09	38.70	AVERAGE	125	283
4	17477.000	73.11	-6.89	80.00	41.95	16.66	35.09	49.59	PEAK	125	283

Note: Item 3 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Vertical

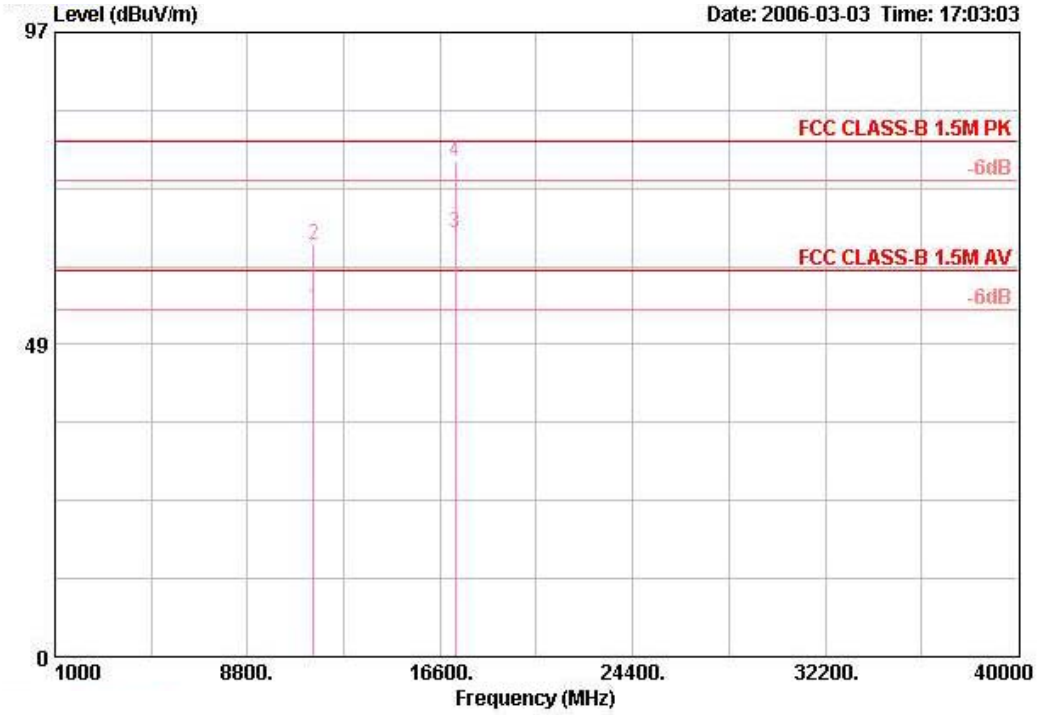


	Freq	Level	Over Limit	Limit Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV		cm	deg
1 !	11652.320	56.51	-3.49	60.00	39.23	7.15	35.16	45.29	AVERAGE	108	335
2	11659.040	68.86	-11.14	80.00	39.23	7.15	35.16	57.64	PEAK	108	335
3 @	17474.440	78.51	-1.49	80.00	41.95	16.66	35.09	54.98	PEAK	100	312
4 @	17477.000	66.17		60.00	41.95	16.66	35.09	42.65	AVERAGE	100	312

Note: Item 4 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Temperature	24℃	Humidity	64%
Test Engineer	Rush Kao	Configurations	802.11a Channel 149 / Ant. 4

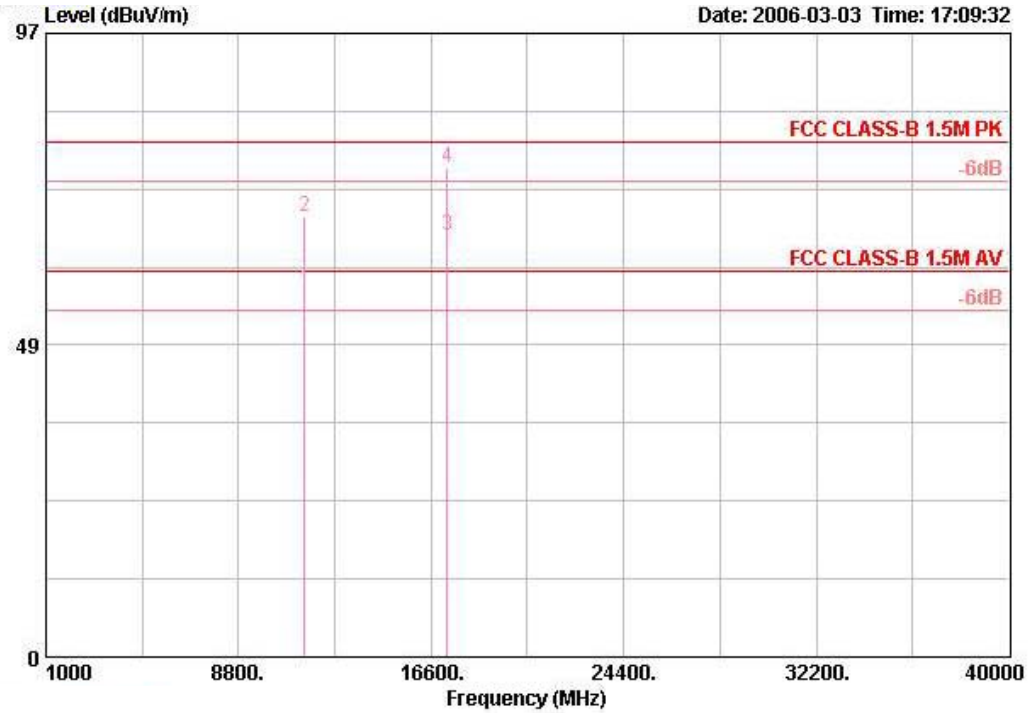
Horizontal



	Freq	Level	Over Limit	Limit Line	Antenna 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 !	11489.280	54.11	-5.89	60.00	39.20	6.96	35.10	43.05	AVERAGE	105	313
2	11489.280	64.07	-15.93	80.00	39.20	6.96	35.10	53.01	PEAK	105	313
3 @	17231.640	65.78			40.93	18.15	35.00	41.70	AVERAGE	104	284
4 !	17231.640	76.95	-3.05	80.00	40.93	18.15	35.00	52.87	PEAK	104	284

Note: Item 3 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Vertical

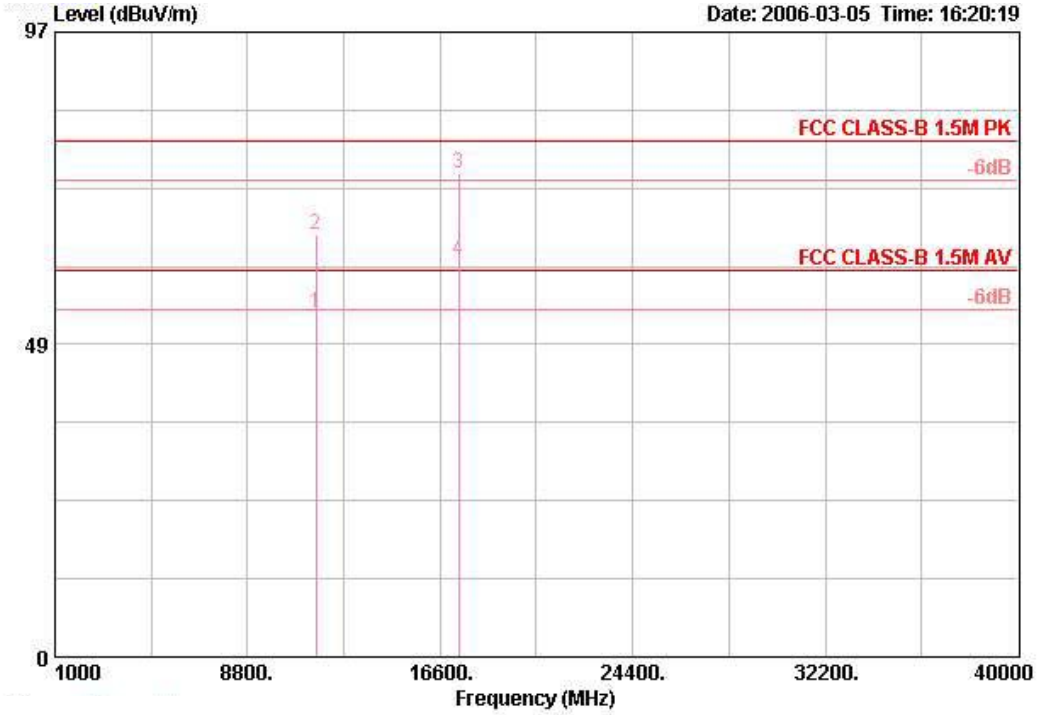


	Freq	Level	Over Limit	Limit Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV		cm	deg
1 !	11487.840	57.04	-2.96	60.00	39.20	6.96	35.10	45.98	AVERAGE	107	1
2	11487.840	68.56	-11.44	80.00	39.20	6.96	35.10	57.50	PEAK	107	1
3	17238.520	65.45			40.93	18.15	35.00	41.38	AVERAGE	107	264
4 !	17238.520	76.04	-3.96	80.00	40.93	18.15	35.00	51.96	PEAK	107	264

Note: Item 3 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Temperature	24℃	Humidity	64%
Test Engineer	Rush Kao	Configurations	802.11a Channel 157 / Ant. 4

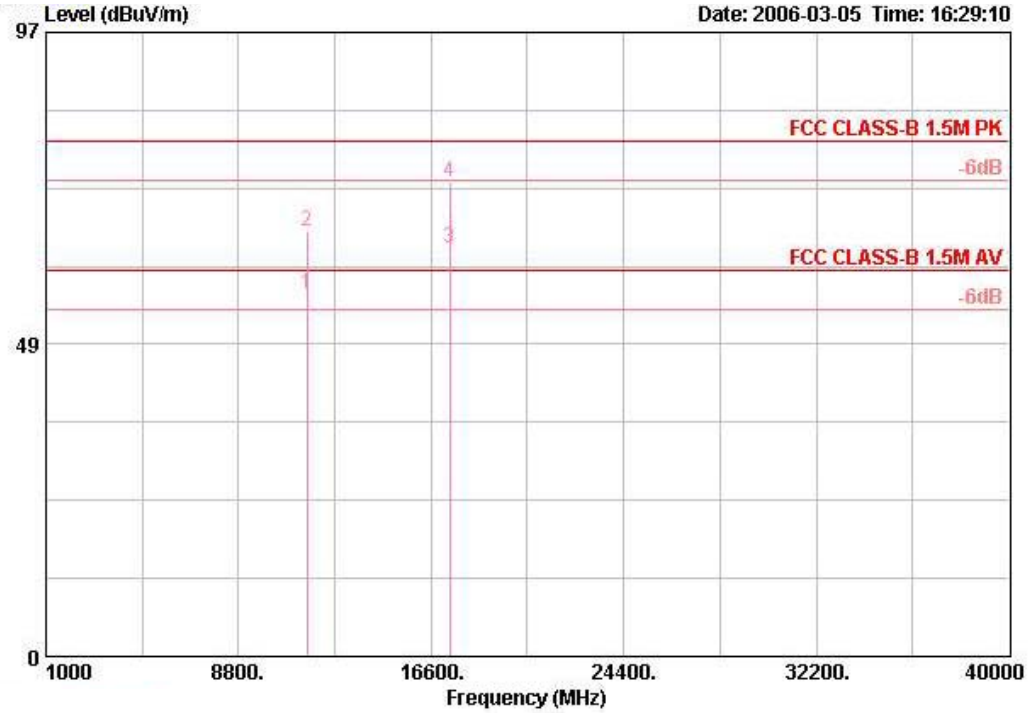
Horizontal



	Freq	Level	Over Limit	Limit Line	Antenna 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 @	11569.080	53.48	-6.52	60.00	39.21	7.06	35.12	42.33	AVERAGE	125	263
2 @	11569.080	65.42	-14.58	80.00	39.21	7.06	35.12	54.27	PEAK	125	263
3 @	17348.040	75.03	-4.97	80.00	41.44	17.41	35.04	51.22	PEAK	100	318
4 @	17356.680	61.61			41.44	17.41	35.04	37.80	AVERAGE	100	318

Note: Item 4 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Vertical

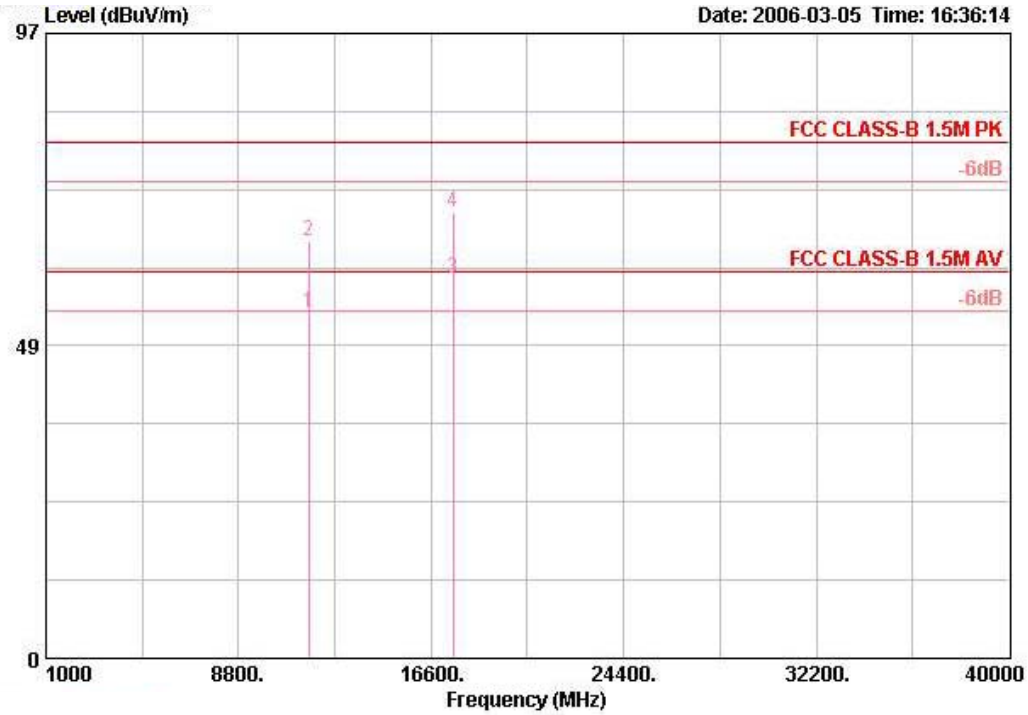


	Freq	Level	Over Limit	Limit Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV		cm	deg
1 @	11569.680	56.39	-3.61	60.00	39.21	7.06	35.12	45.24	AVERAGE	100	232
2 @	11569.680	66.15	-13.85	80.00	39.21	7.06	35.12	55.01	PEAK	100	232
3 @	17357.240	63.48			41.44	17.41	35.04	39.67	AVERAGE	100	300
4 @	17357.240	73.61	-6.39	80.00	41.44	17.41	35.04	49.80	PEAK	100	300

Note: Item 3 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

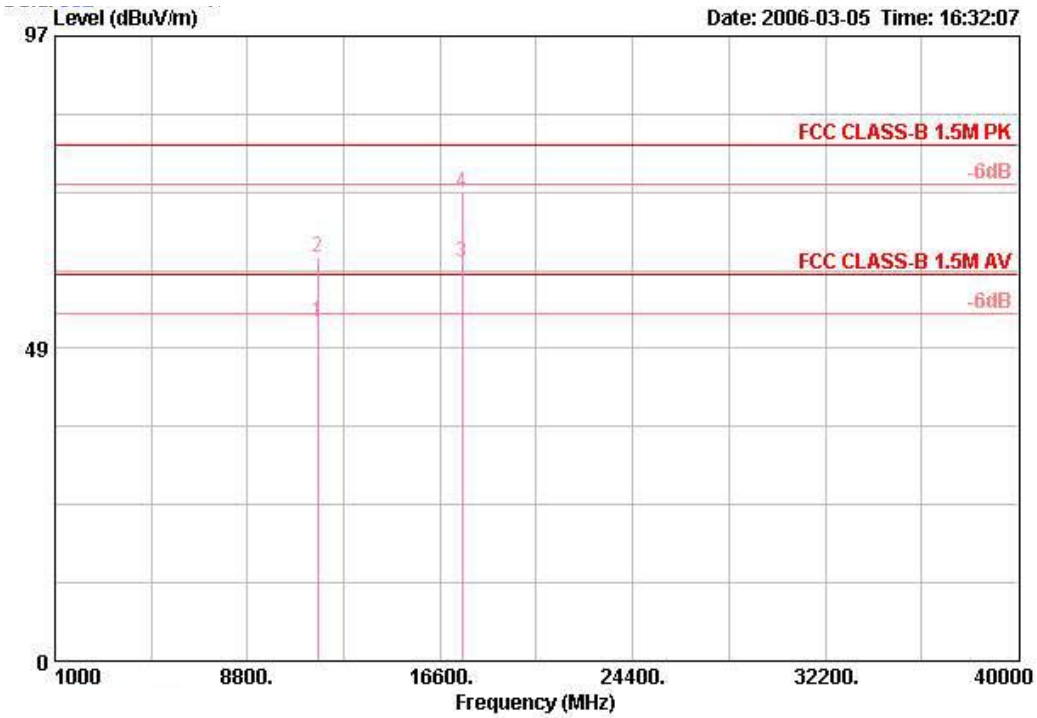
Temperature	24℃	Humidity	64%
Test Engineer	Rush Kao	Configurations	802.11a Channel 165 / Ant. 4

Horizontal



	Freq	Level	Over Limit	Limit Line	Antenna 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 @	11650.160	53.69	-6.31	60.00	39.23	7.15	35.16	42.48	AVERAGE	118	273
2 @	11650.160	64.82	-15.18	80.00	39.23	7.15	35.16	53.60	PEAK	118	273
3 @	17473.640	58.83	-1.17	60.00	41.95	16.66	35.09	35.30	AVERAGE	100	284
4 @	17473.640	69.17	-10.83	80.00	41.95	16.66	35.09	45.64	PEAK	100	284

Vertical

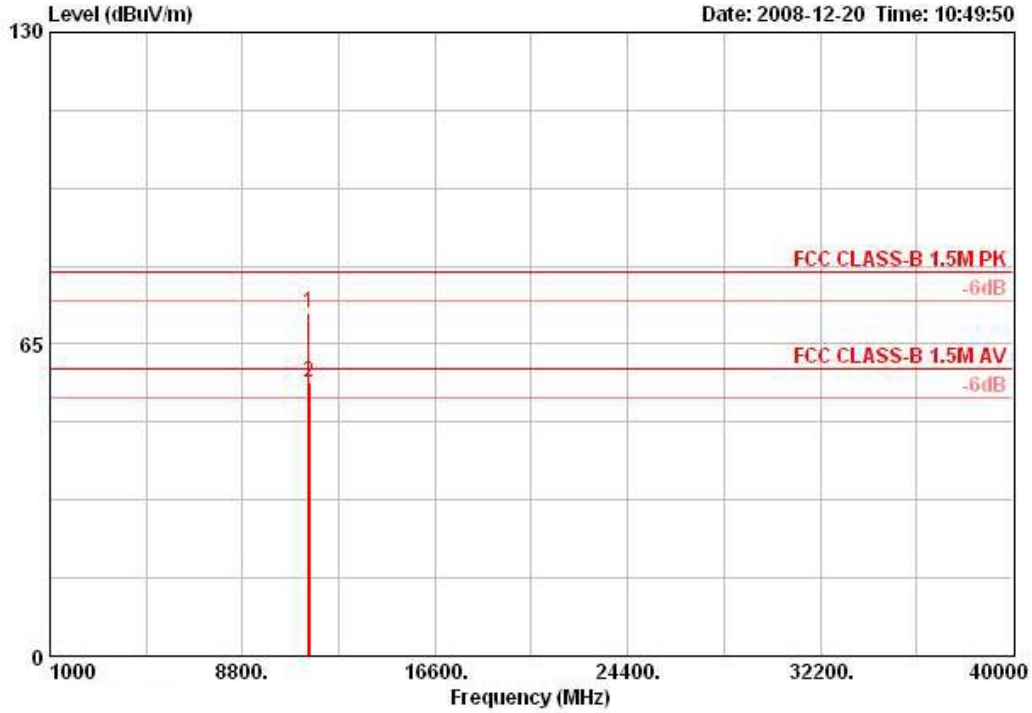


	Freq	Level	Over Limit	Limit Line	Antenna Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV		cm	deg
1 @	11649.720	52.48	-7.52	60.00	39.23	7.15	35.16	41.27	AVERAGE	100	237
2 @	11649.720	62.69	-17.31	80.00	39.23	7.15	35.16	51.48	PEAK	100	237
3 @	17473.640	61.88			41.95	16.66	35.09	38.35	AVERAGE	100	311
4 @	17473.640	72.63	-7.37	80.00	41.95	16.66	35.09	49.10	PEAK	100	311

Note: Item 3 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

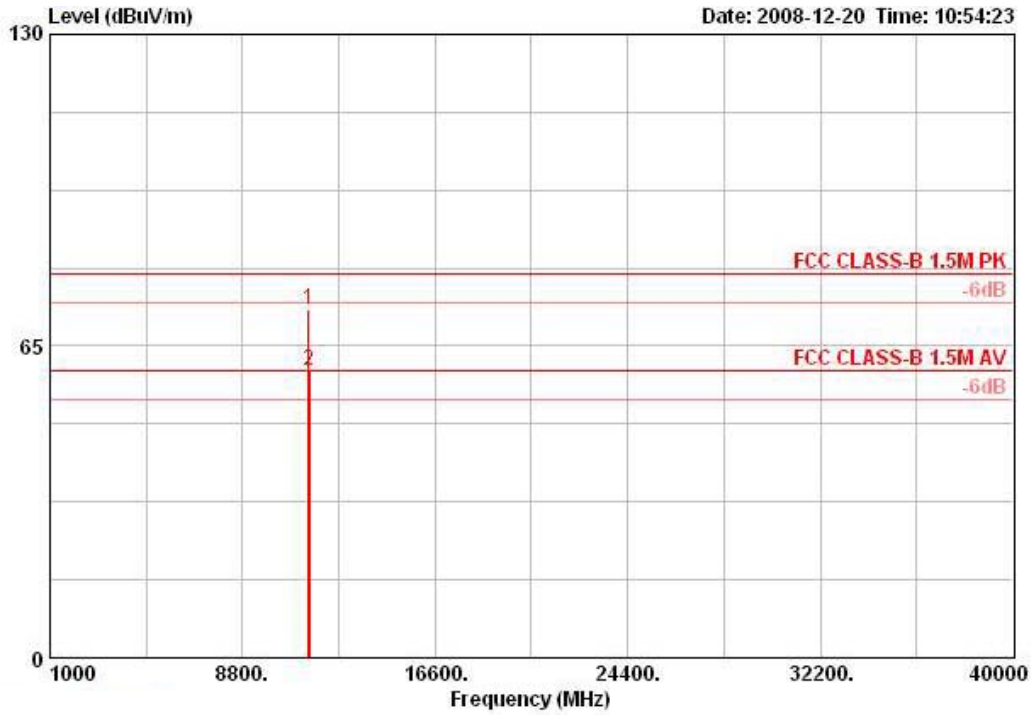
Temperature	24.3℃	Humidity	56%
Test Engineer	Sam Chen	Configurations	802.11a CH 149 / Ant. 5

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	11488.500	71.46	-8.54	80.00	61.91	38.50	5.81	34.75	PEAK	100	287	HORIZONTAL
2 !	11491.000	57.18	-2.82	60.00	47.63	38.50	5.81	34.75	AVERAGE	100	287	HORIZONTAL

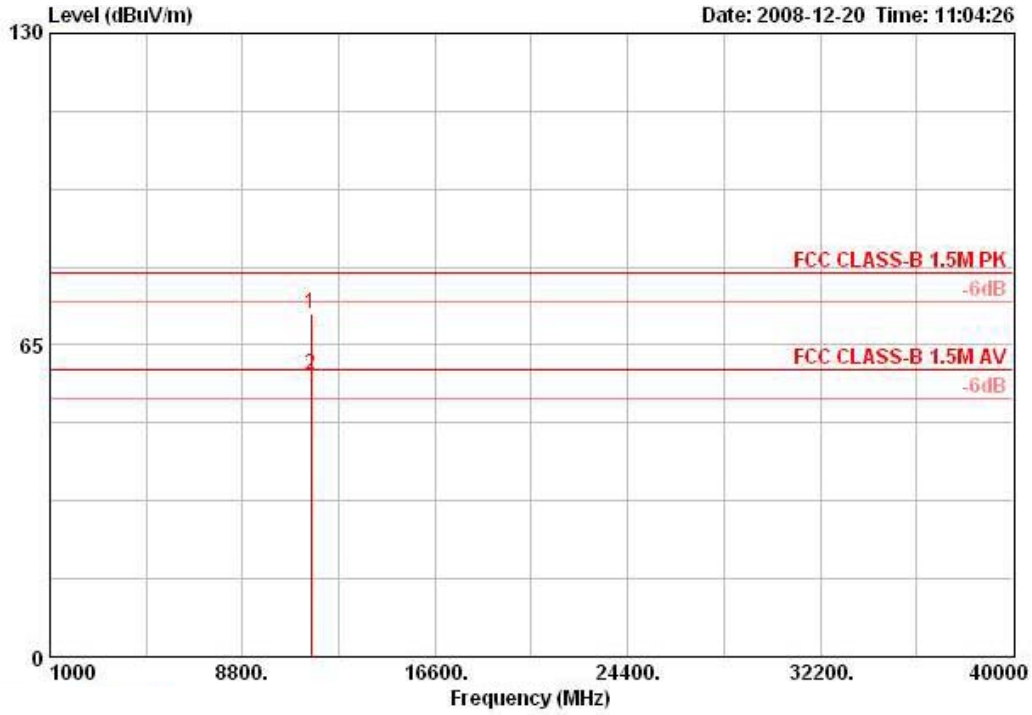
Vertical



	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	11484.600	72.74	-7.26	80.00	63.18	38.50	5.81	34.75	PEAK	102	306	VERTICAL
2 !	11490.800	59.70	-0.30	60.00	50.14	38.50	5.81	34.75	AVERAGE	102	306	VERTICAL

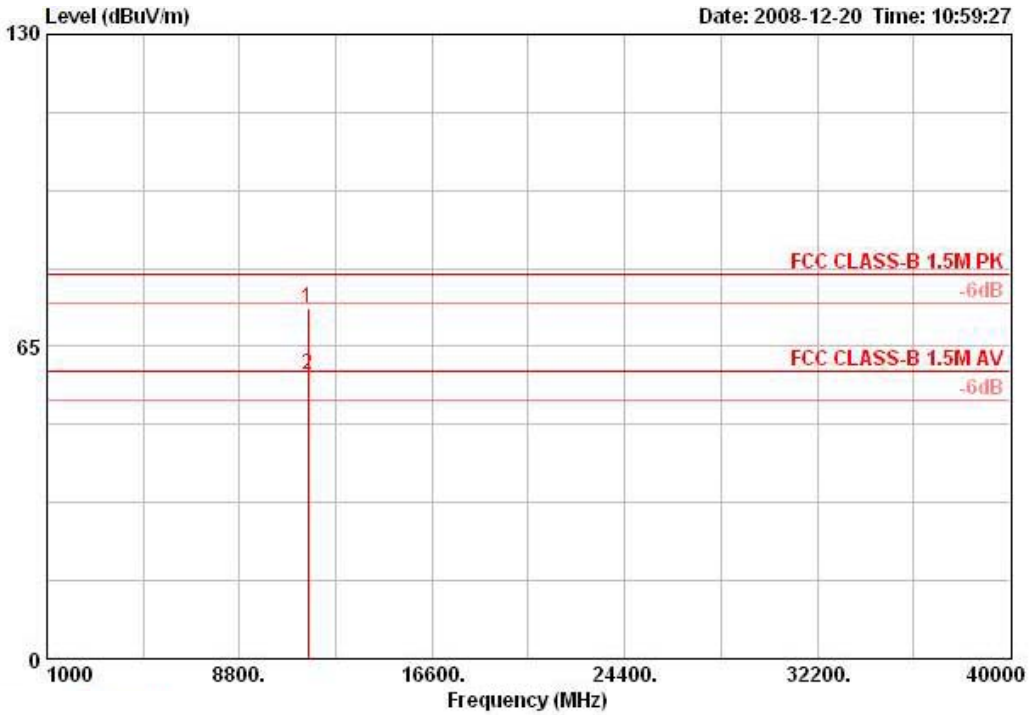
Temperature	24.3℃	Humidity	56 %
Test Engineer	Sam Chen	Configurations	802.11a CH 157 / Ant. 5

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	11562.000	71.54	-8.46	80.00	62.03	38.51	5.80	34.80	PEAK	100	327	HORIZONTAL
2 !	11571.300	58.92	-1.08	60.00	49.44	38.51	5.79	34.82	AVERAGE	100	327	HORIZONTAL

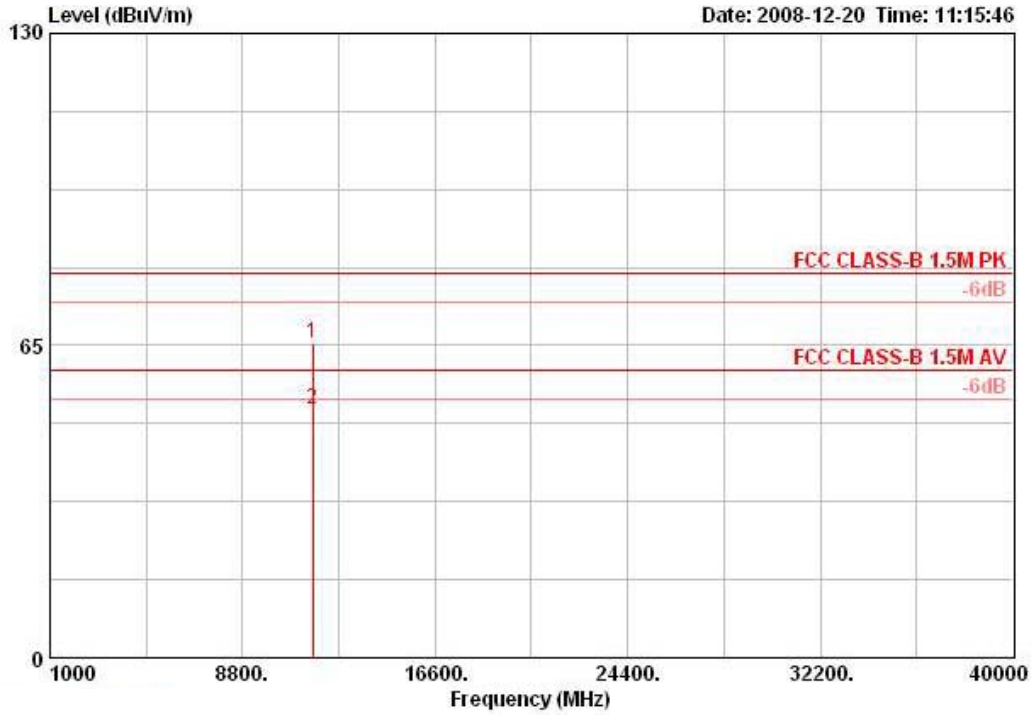
Vertical



	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	11565.100	72.84	-7.16	80.00	63.33	38.51	5.80	34.80	PEAK	102	309	VERTICAL
2 !	11570.500	59.11	-0.89	60.00	49.63	38.51	5.79	34.82	AVERAGE	102	309	VERTICAL

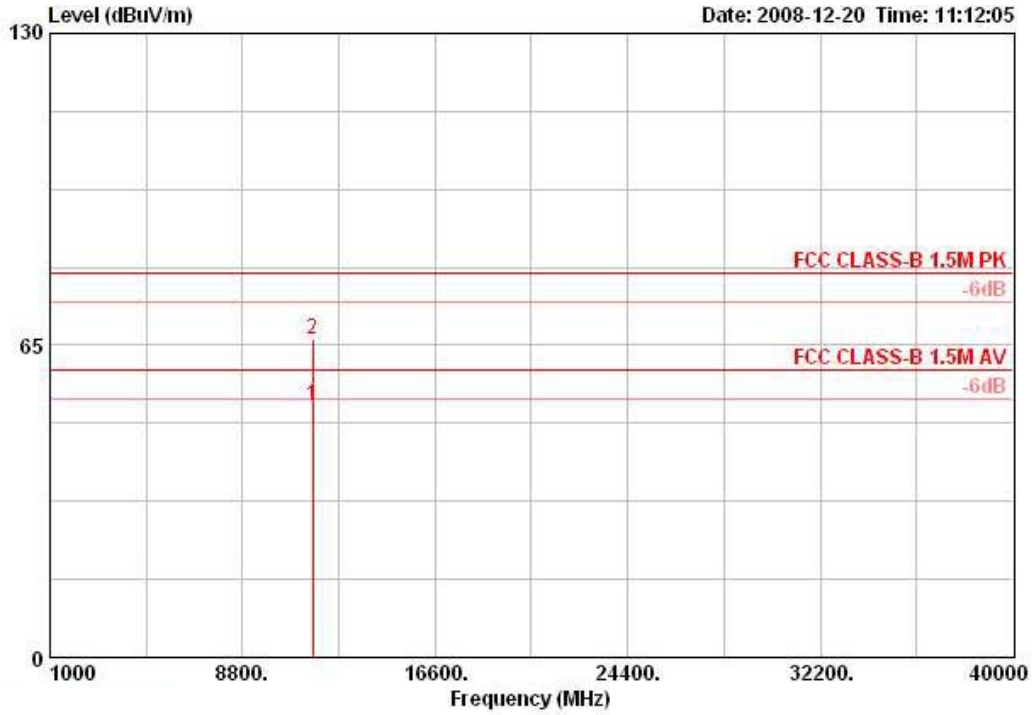
Temperature	24.3℃	Humidity	56%
Test Engineer	Sam Chen	Configurations	802.11a CH 165 / Ant. 5

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	11653.800	65.58	-14.42	80.00	56.17	38.53	5.77	34.90	PEAK	100	282	HORIZONTAL
2	11655.500	51.82	-8.18	60.00	42.42	38.53	5.77	34.90	AVERAGE	100	282	HORIZONTAL

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	11648.900	52.54	-7.46	60.00	43.14	38.53	5.77	34.90	AVERAGE	100	339	VERTICAL
2	11651.800	66.21	-13.79	80.00	56.81	38.53	5.77	34.90	PEAK	100	339	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)	1MHz / 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℃	Humidity	64%
Test Engineer	Rush Kao	Configurations	802.11b Channel 1, 11 / Ant. 1
Test Date	Feb. 12, 2006		

Channel 1

	Freq	Level	Over Limit	Limit Line	Antenna 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 @	2385.600	58.19	-15.81	74.00	28.13	2.58	0.00	27.48	PEAK	125	-22
2 @	2385.600	51.20	-2.80	54.00	28.13	2.58	0.00	20.49	AVERAGE	125	-22
3 @	2409.400	99.97			28.18	2.58	0.00	69.22	Average	---	---
4 @	2413.200	104.25			28.18	2.58	0.00	73.50	PEAK	125	-22

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

Channel 11

	Freq	Level	Over Limit	Limit Line	Antenna 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 @	2460.600	102.73			28.31	2.60	0.00	71.82	PEAK	117	291
2 @	2464.700	99.03			28.31	2.62	0.00	68.10	Average	---	---
3 @	2487.300	55.41	-18.59	74.00	28.36	2.62	0.00	24.43	PEAK	117	291
4 @	2487.300	46.46	-7.54	54.00	28.36	2.62	0.00	15.48	AVERAGE	117	291

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

Temperature	24℃	Humidity	64%
Test Engineer	Rush Kao	Configurations	802.11g Channel 1, 11/ Ant. 1
Test Date	Feb. 12, 2006		

Channel 1

	Freq	Level	Over Limit	Limit Line	Antenna 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	66.39	-7.61	74.00	28.13	2.58	0.00	35.69	PEAK	128	203
2 @	2390.000	52.00	-2.00	54.00	28.13	2.58	0.00	21.29	AVERAGE	128	203
3 @	2410.400	104.62			28.18	2.58	0.00	73.87	PEAK	128	203
4 @	2410.600	95.19			28.18	2.58	0.00	64.44	Average	---	---

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

Channel 11

	Freq	Level	Over Limit	Limit Line	Antenna 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 @	2458.970	106.69			28.31	2.60	0.00	75.79	PEAK	121	327
2 @	2467.454	96.19			28.31	2.62	0.00	65.26	Average	---	---
3 @	2483.500	69.73	-4.27	74.00	28.36	2.62	0.00	38.76	PEAK	121	327
4 @	2483.500	53.27	-0.73	54.00	28.36	2.62	0.00	22.30	AVERAGE	121	327

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

Temperature	24℃	Humidity	64%
Test Engineer	Rush Kao	Configurations	802.11b Channel 1, 11 / Ant. 2
Test Date	Feb. 12, 2006		

Channel 1

	Freq	Level	Over Limit	Limit Line	Antenna 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 @	2385.800	57.96	-16.04	74.00	28.13	2.58	0.00	27.25	PEAK	143	14
2 @	2385.800	50.79	-3.21	54.00	28.13	2.58	0.00	20.09	AVERAGE	143	14
3 @	2410.600	103.42			28.18	2.58	0.00	72.67	PEAK	143	14
4 @	2411.100	99.18			28.18	2.58	0.00	68.42	Average	---	---

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

Channel 11

	Freq	Level	Over Limit	Limit Line	Antenna 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 @	2460.600	102.98			28.31	2.60	0.00	72.07	PEAK	152	-8
2 @	2464.700	98.88			28.31	2.62	0.00	67.95	Average	---	---
3 @	2487.900	54.97	-19.03	74.00	28.40	2.62	0.00	23.95	PEAK	152	-8
4 @	2487.900	46.42	-7.58	54.00	28.40	2.62	0.00	15.40	AVERAGE	152	-8

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

Temperature	24℃	Humidity	64%
Test Engineer	Rush Kao	Configurations	802.11g Channel 1, 11 / Ant. 2
Test Date	Feb. 12, 2006		

Channel 1

	Freq	Level	Over Limit	Limit Line	Antenna 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	69.05	-4.95	74.00	28.13	2.58	0.00	38.34	PEAK	129	11
2 @	2390.000	52.86	-1.14	54.00	28.13	2.58	0.00	22.15	AVERAGE	129	11
3 @	2410.600	94.99			28.18	2.58	0.00	64.24	Average	---	---
4 @	2414.800	104.35			28.18	2.58	0.00	73.60	PEAK	129	11

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

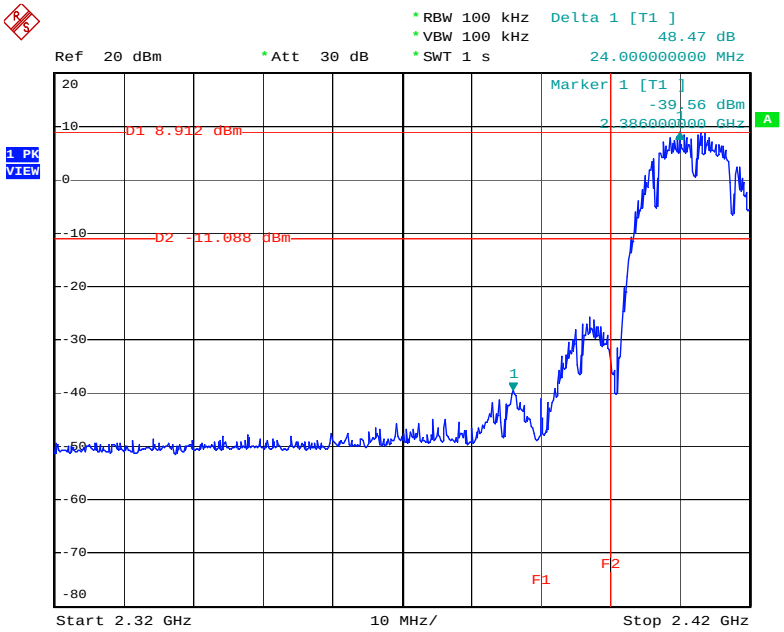
Channel 11

	Freq	Level	Over Limit	Limit Line	Antenna 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 @	2459.000	104.53			28.31	2.60	0.00	73.62	PEAK	155	18
2 @	2460.300	94.75			28.31	2.60	0.00	63.84	Average	---	---
3 @	2483.500	67.01	-6.99	74.00	28.36	2.62	0.00	36.04	PEAK	155	18
4 @	2483.500	50.92	-3.08	54.00	28.36	2.62	0.00	19.94	AVERAGE	155	18

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

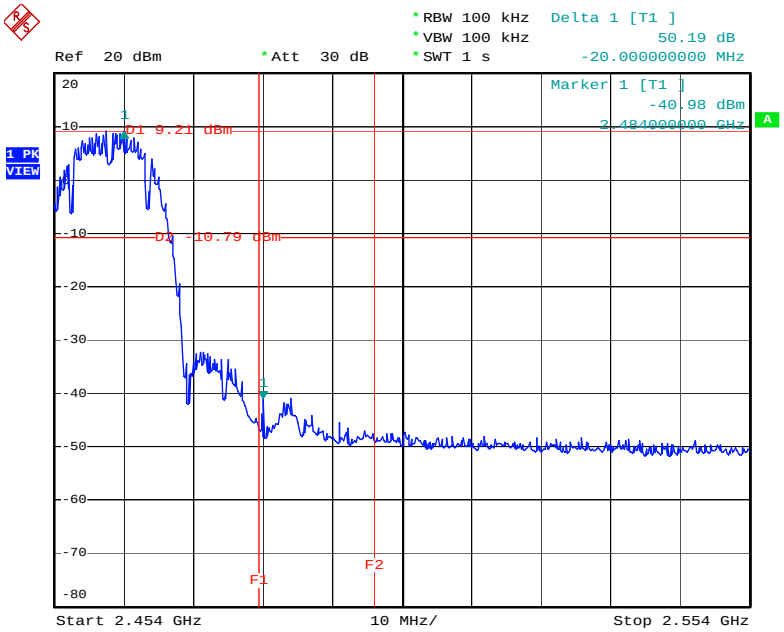
For Emission not in Restricted Band

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



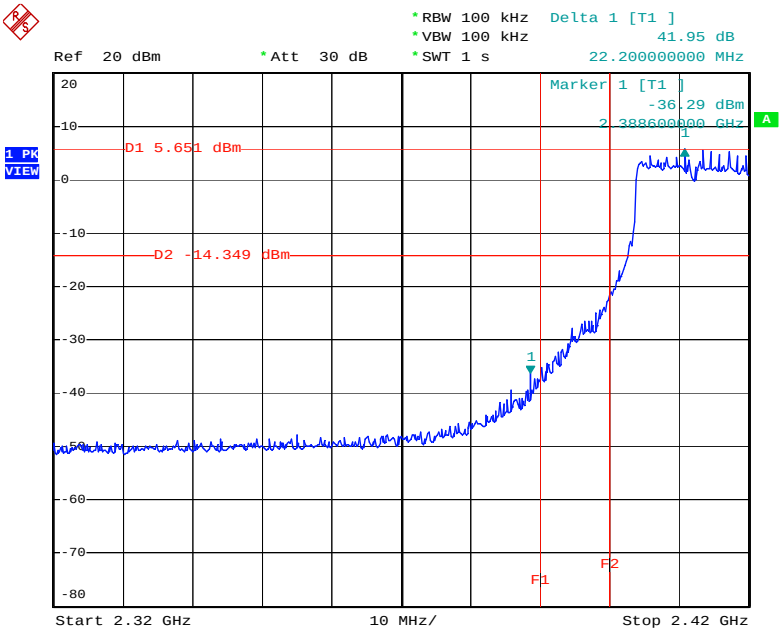
Date: 14.MAR.2006 10:47:25

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



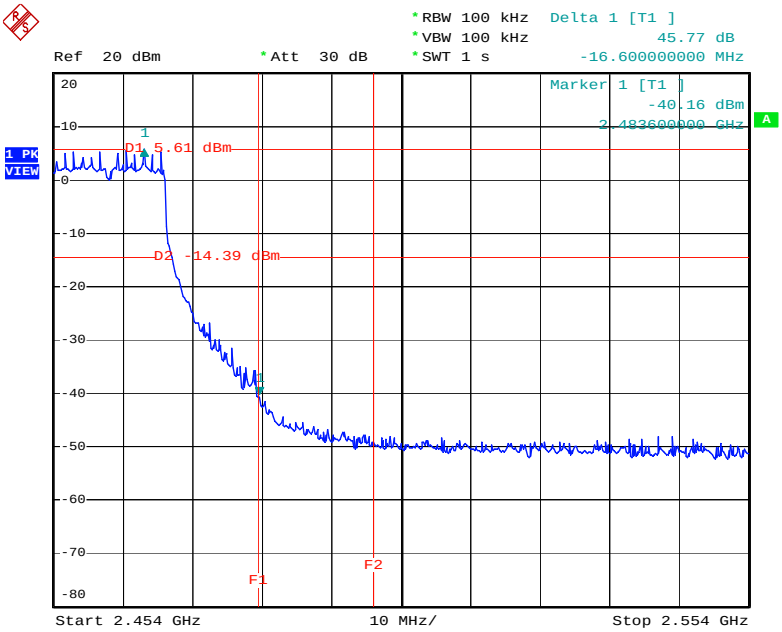
Date: 14.MAR.2006 10:50:28

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



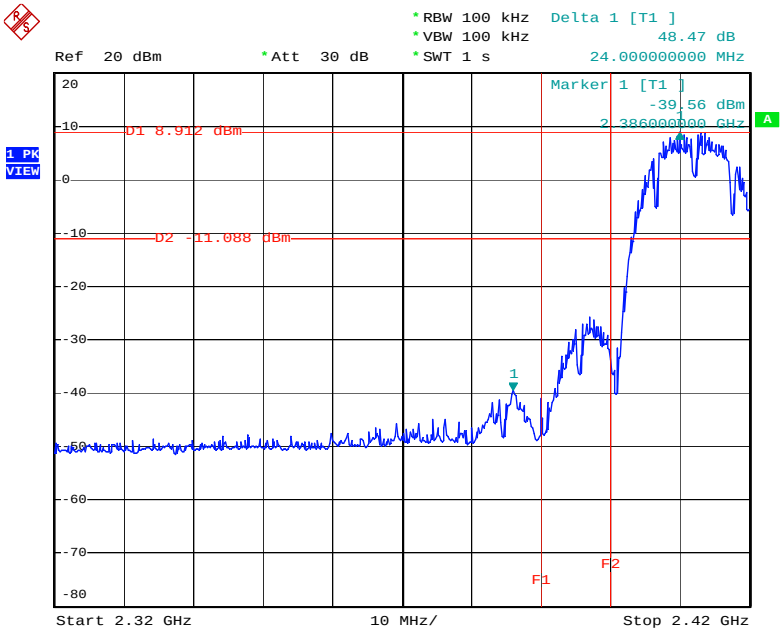
Date: 14.MAR.2006 10:31:59

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



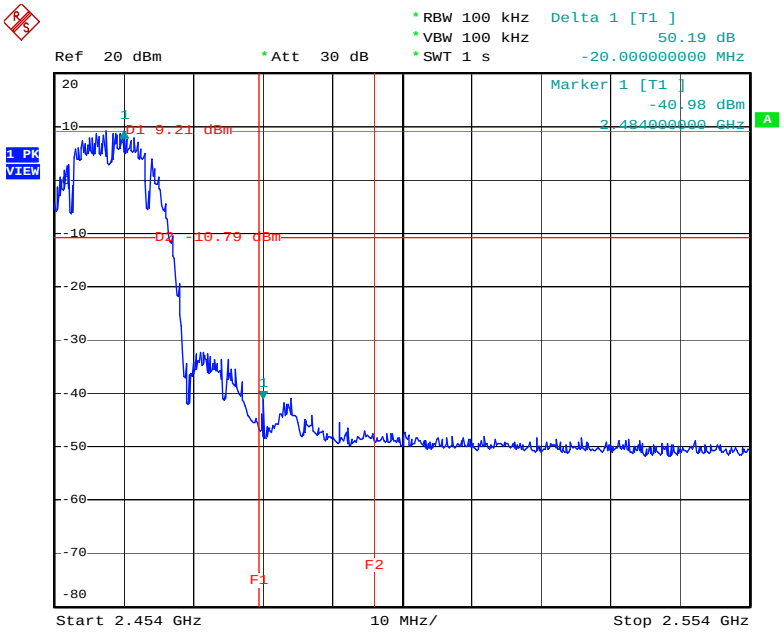
Date: 14.MAR.2006 10:35:48

Low Band Edge Plot on Configuration IEEE 802.11b Ant. 2 / 2412 MHz



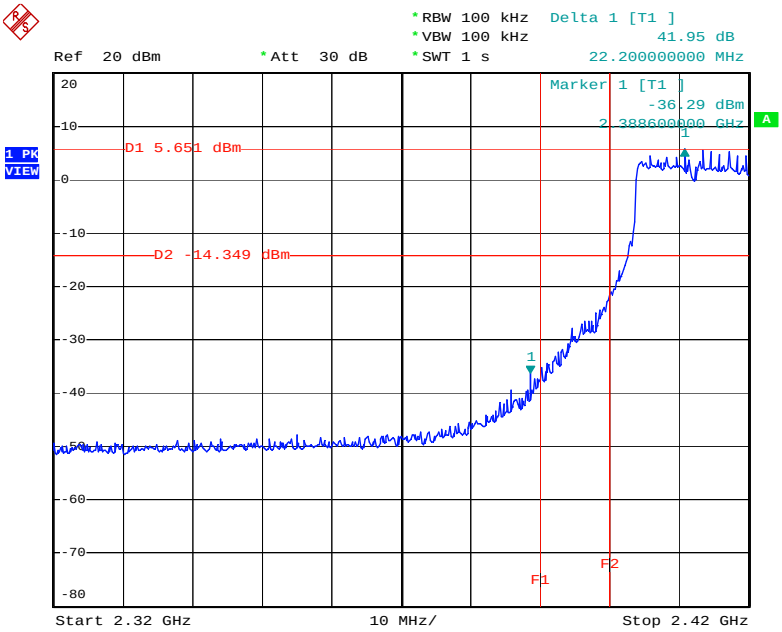
Date: 14.MAR.2006 10:47:25

High Band Edge Plot on Configuration IEEE 802.11b Ant. 2 / 2462 MHz



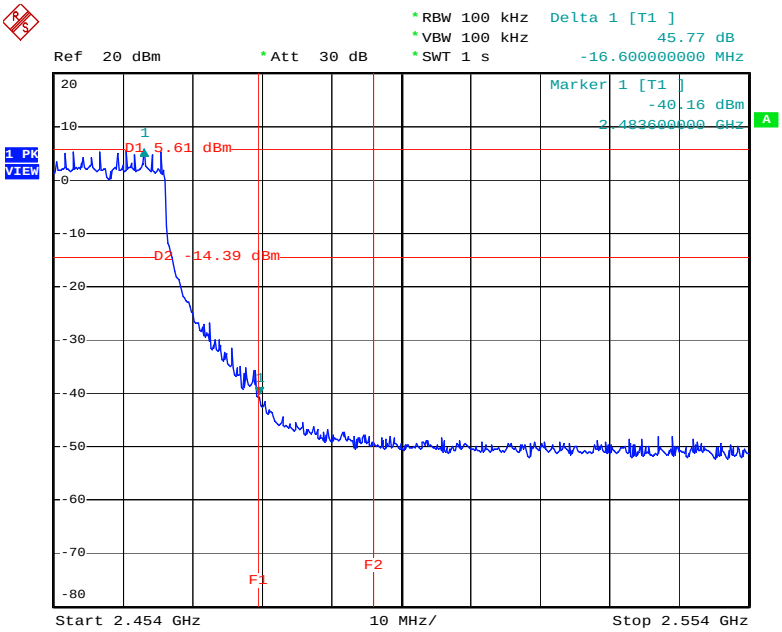
Date: 14.MAR.2006 10:50:28

Low Band Edge Plot on Configuration IEEE 802.11g Ant. 2 / 2412 MHz



Date: 14.MAR.2006 10:31:59

High Band Edge Plot on Configuration IEEE 802.11g Ant. 2 / 2462 MHz



Date: 14.MAR.2006 10:35:48

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. 16, 2005	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	CPA9231A	3565	9 kHz - 2 GHz	Jan. 18, 2006	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	May 31, 2005	Radiation (03CH03-HY)
Amplifier	Agilent	8449B	3008A02120	1 GHz - 26.5 GHz	Jul. 21, 2008	Radiation (03CH03-HY)
Amplifier	MITEQ	AMF-6F-260400	923364	26.5 GHz - 40 GHz	Jan. 24, 2006*	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	100004/040	9 kHZ - 40 GHz	Sep. 30, 2005	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	May 24, 2004*	Radiation (03CH03-HY)
Loop Antenna	R&S	HFH2-Z2	860004/001	9 kHz - 30 MHz	Jul. 28, 2008*	Radiation (03CH03-HY)
Biconical Antenna	SCHWARZBECK	VHBB 9124	301	30 MHz - 200 MHz	Jul. 22, 2005	Radiation (03CH03-HY)
Log Antenna	SCHWARZBECK	VUSLP 9111	221	200 MHz - 1 GHz	Jul. 22, 2005	Radiation (03CH03-HY)
Bilog Antenna	SCHAFFNER	CBL 6112D	22237	30 MHz – 1 GHz	Jul. 12, 2008	Radiation (03CH03-HY)
Horn Antenna	EMCO	3115	6903	1GHz ~ 18GHz	Mar. 15, 2006	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	Jun. 09, 2004*	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. 02, 2005	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. 02, 2005	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)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Spectrum analyzer	R&S	FSP30	100023	9kHz ~ 30GHz	Nov. 26, 2005	Conducted (TH01-HY)
Spectrum Analyzer	R&S	FSP30	100023	9kHz ~ 30GHz	Jan. 10, 2008	Conducted (TH01-HY)
Power meter	R&S	NRVS	100444	DC ~ 40GHz	Jul. 06, 2005	Conducted (TH01-HY)
Power Meter	R&S	NRVS	100444	DC ~ 40GHz	Jul. 11, 2008	Conducted (TH01-HY)
Power sensor	R&S	NRV-Z55	100049	DC ~ 40GHz	Jul. 06, 2005	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	Apr. 27, 2006	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	Apr. 21, 2005*	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	Dec. 28, 2005	Conducted (TH01-HY)
DC Power Source	G.W.	GPC-6030D	C671845	DC 1V ~ 60V	Mar. 13, 2008	Conducted (TH01-HY)
Temp. and Humidity Chamber	KSON	THS-C3L	612	N/A	Oct. 01, 2005	Conducted (TH01-HY)
Temp. and Humidity Chamber	Giant Force	GTH-225-20-S	MAB0103-001	N/A	Jul. 18, 2008	Conducted (TH01-HY)
RF CABLE-1m	Jye Bao	RG142	CB034-1m	20MHz ~ 7GHz	Dec. 30, 2005	Conducted (TH01-HY)
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. 30, 2005	Conducted (TH01-HY)
RF CABLE-2m	Jye Bao	RG142	CB035-2m	20MHz ~ 1GHz	Dec. 01, 2008	Conducted (TH01-HY)
Oscilloscope	Tektronix	TDS1012	CO38515	100MHz / 1GS/s	Apr. 15, 2005*	Conducted (TH01-HY)
Oscilloscope	Tektonix	TDS380	B016197	400MHz/ 2GS/s	Jun. 27, 2008	Conducted (TH01-HY)
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	Dec. 30, 2005	Conducted (TH01-HY)
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	Mar. 10, 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 2nd Rd., Taipei 114, Taiwan, R.O.C.
	TEL	:	886-2-2794-8886
	FAX	:	886-2-2794-9777
JHUBEI	ADD	:	No.8, Lane 728, 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.