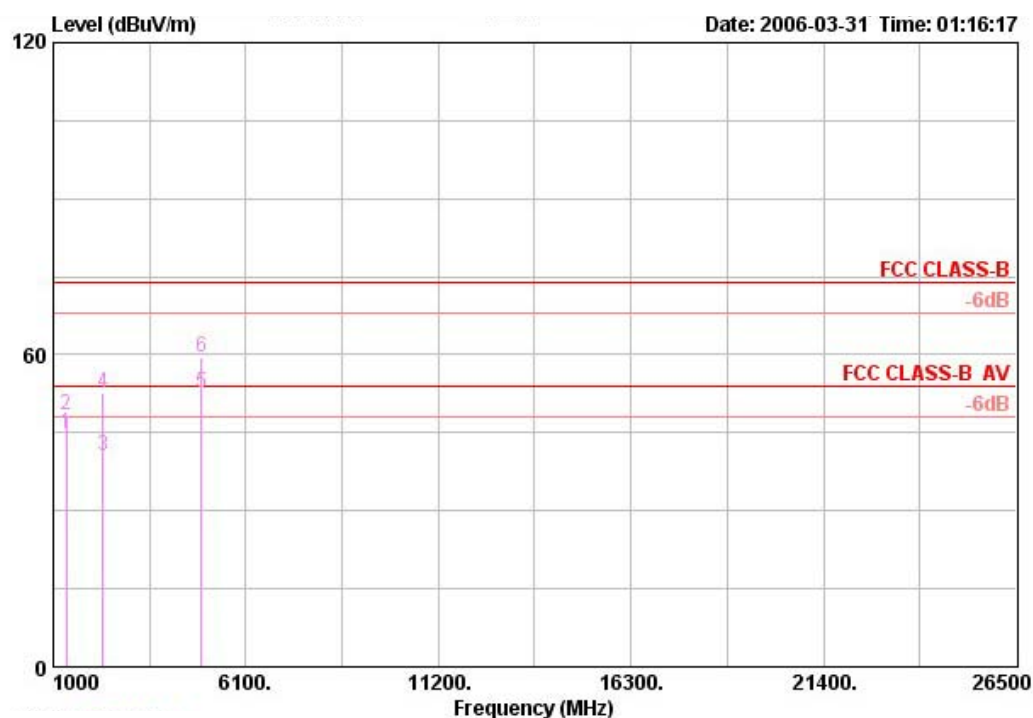


Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11b 20MHz Channel 11 Ant. A

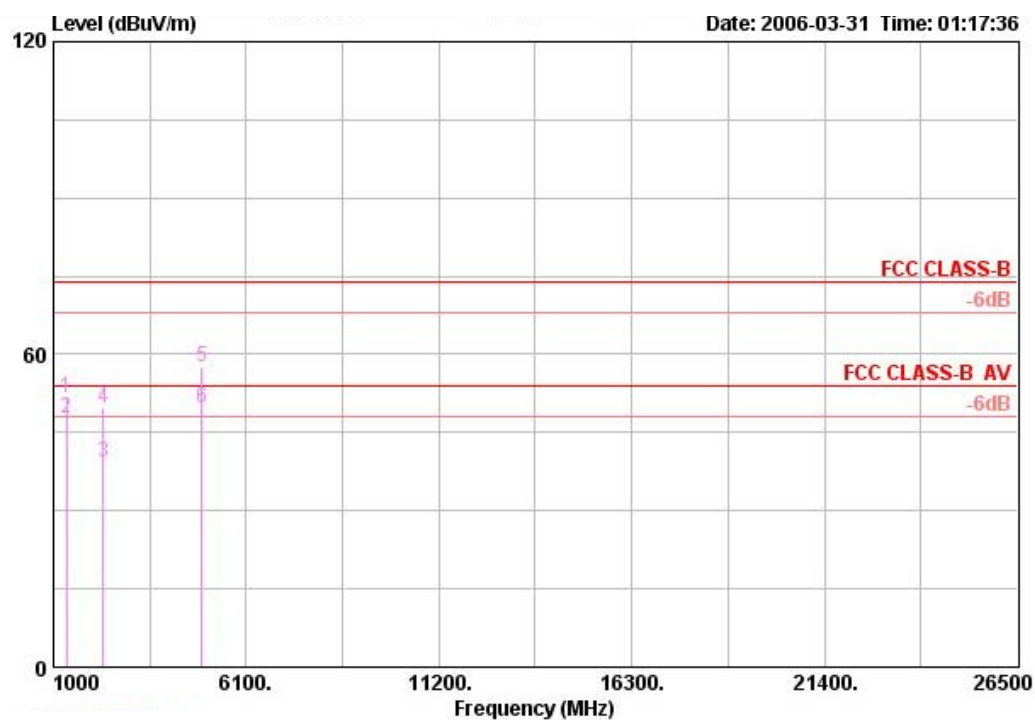
Vertical



	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	1347.464	44.94	-9.06	54.00	49.36	24.87	5.29	34.57	AVERAGE	---	---
2	1347.464	48.46	-25.54	74.00	52.88	24.87	5.29	34.57	PEAK	---	---
3	2319.068	40.49	-13.51	54.00	39.60	28.79	7.16	35.07	AVERAGE	---	---
4	2319.068	52.49	-21.51	74.00	51.60	28.79	7.16	35.07	PEAK	---	---
5 *	4923.000	52.68	-1.32	54.00	43.00	32.93	11.89	35.14	AVERAGE	---	---
6	4923.928	59.63	-14.37	74.00	49.95	32.93	11.89	35.14	PEAK	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11b 20MHz Channel 11 Ant. A

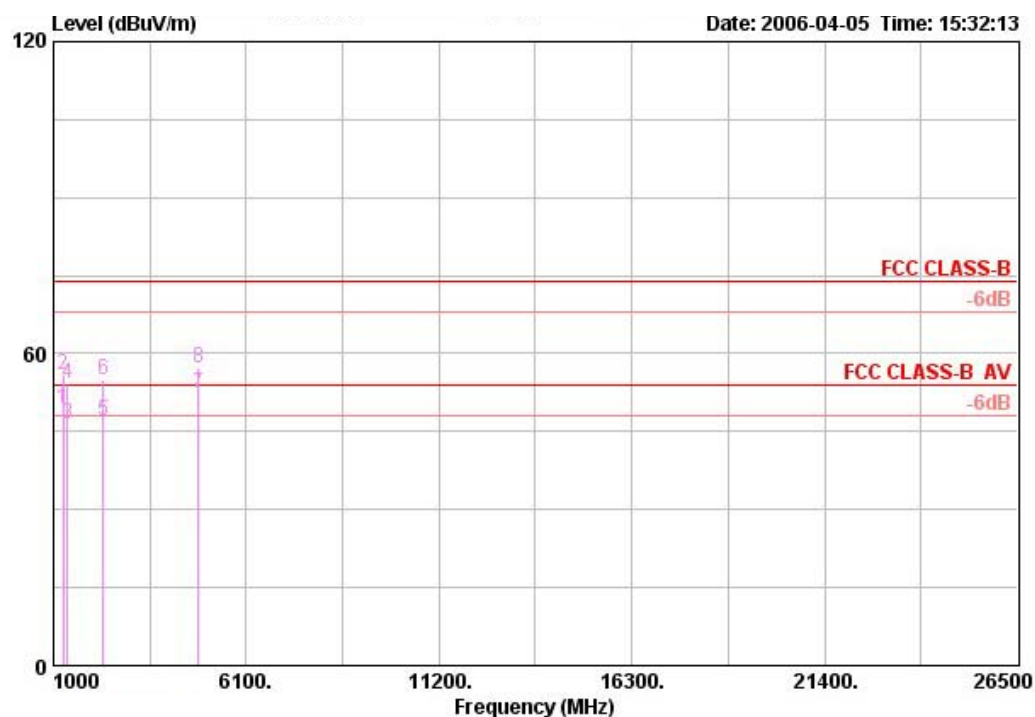
Horizontal



	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1347.464	51.53	-22.47	74.00	55.94	24.87	5.29	34.57	PEAK	---
2	1347.464	47.69	-6.31	54.00	52.11	24.87	5.29	34.57	AVERAGE	---
3	2319.852	39.33	-14.67	54.00	38.45	28.79	7.16	35.07	AVERAGE	---
4	2319.852	49.81	-24.19	74.00	48.92	28.79	7.16	35.07	PEAK	---
5	4923.992	57.51	-16.49	74.00	47.83	32.93	11.89	35.14	PEAK	---
6 *	4923.992	49.56	-4.44	54.00	39.88	32.93	11.89	35.14	AVERAGE	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	Lower Channel 802.11b 40MHz Channel 3 Ant. A

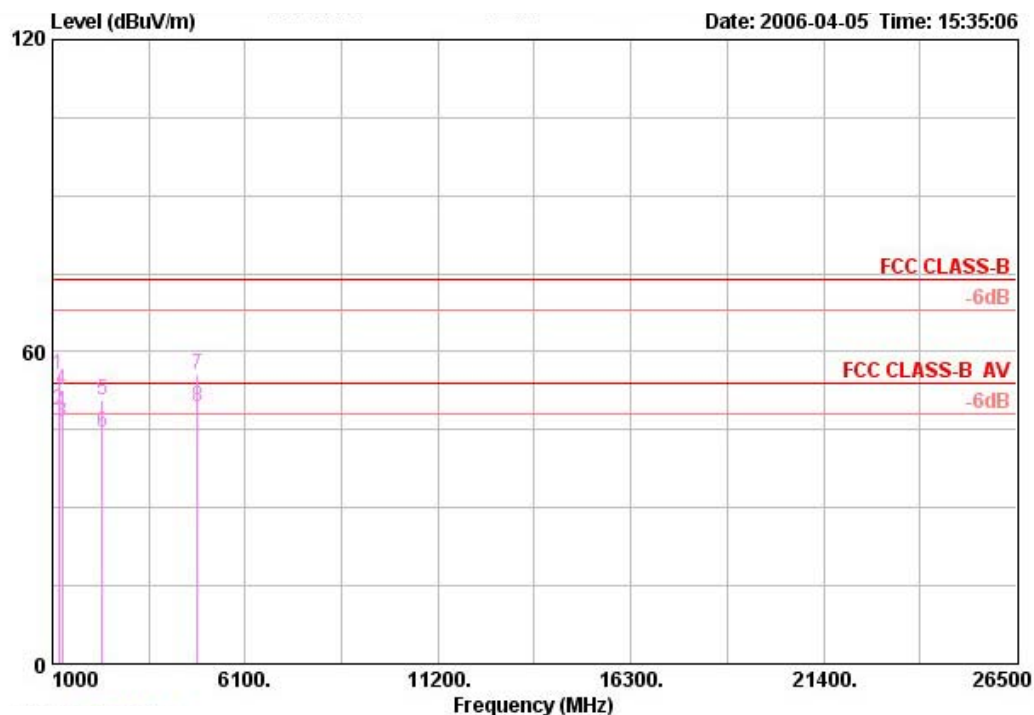
Vertical



	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 *	1250.200	49.41	-4.59	54.00	54.24	24.62	5.04	34.50	AVERAGE	---	---
2	1250.200	55.88	-18.12	74.00	60.71	24.62	5.04	34.50	PEAK	---	---
3	1374.000	46.33	-7.67	54.00	50.58	24.96	5.37	34.59	AVERAGE	---	---
4	1374.000	54.28	-19.72	74.00	58.54	24.96	5.37	34.59	PEAK	---	---
5	2320.000	46.99	-7.01	54.00	46.10	28.79	7.16	35.07	AVERAGE	---	---
6	2320.000	54.80	-19.20	74.00	53.92	28.79	7.16	35.07	PEAK	---	---
7 B	4824.320	52.46	-1.54	54.00	42.97	32.83	11.82	35.16	AVERAGE	---	---
8	4824.320	57.19	-16.81	74.00	47.71	32.83	11.82	35.16	PEAK	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	Lower Channel 802.11b 40MHz Channel 3 Ant. A

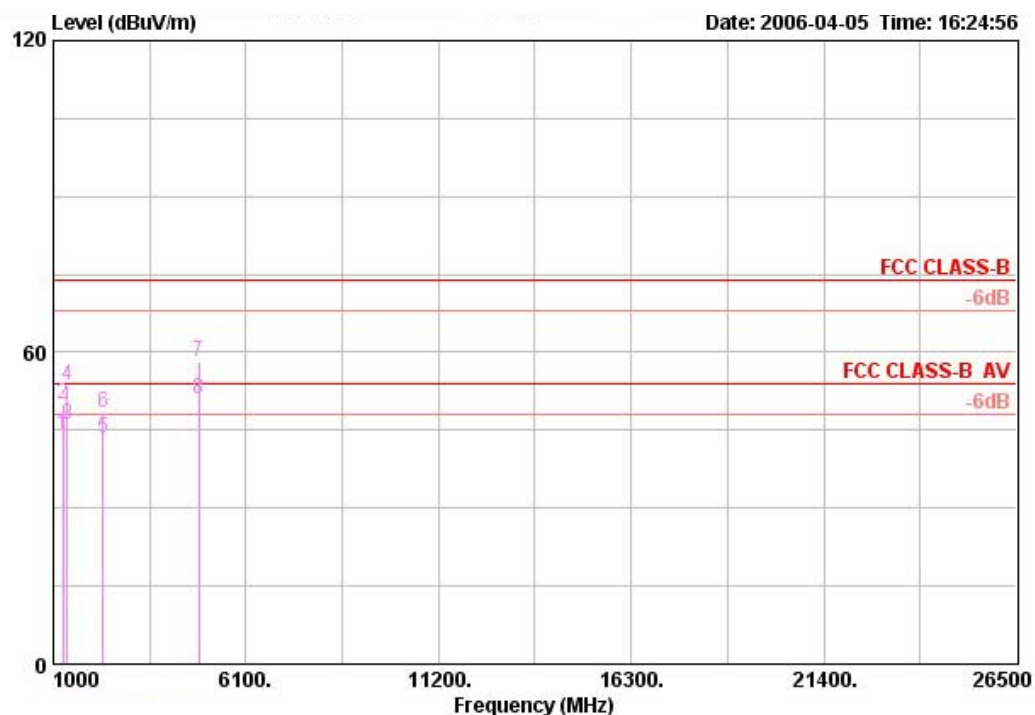
Horizontal



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	1166.000	55.58	-18.42	74.00	60.76	24.38	4.88	34.44	PEAK	---	---
2 *	1166.000	48.58	-5.42	54.00	53.76	24.38	4.88	34.44	AVERAGE	---	---
3	1250.040	46.46	-7.54	54.00	51.29	24.62	5.04	34.50	AVERAGE	---	---
4	1250.040	52.68	-21.32	74.00	57.50	24.62	5.04	34.50	PEAK	---	---
5	2320.000	50.57	-23.43	74.00	49.68	28.79	7.16	35.07	PEAK	---	---
6	2320.000	44.33	-9.67	54.00	43.45	28.79	7.16	35.07	AVERAGE	---	---
7	4824.000	55.44	-18.56	74.00	45.96	32.83	11.82	35.16	PEAK	---	---
8 *	4824.000	49.30	-4.70	54.00	39.82	32.83	11.82	35.16	AVERAGE	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	Lower Channel 802.11b 40MHz Channel 6 Ant. A

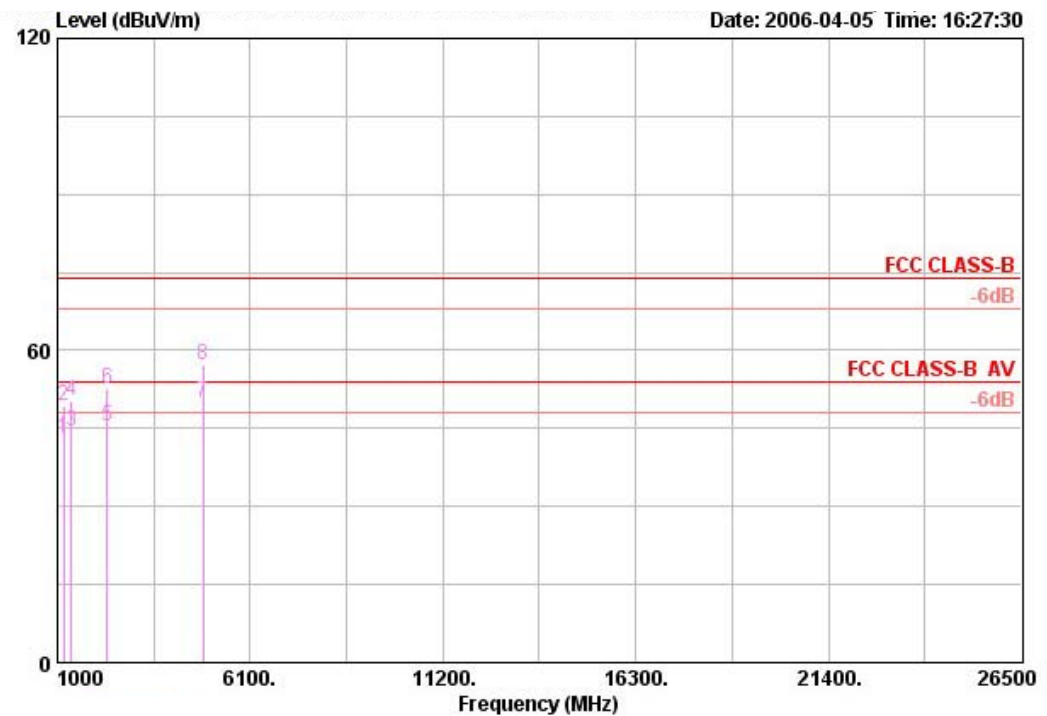
Vertical



	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	1250.000	44.26	-9.74	54.00	49.09	24.62	5.04	34.50	AVERAGE	---	---
2	1250.000	50.14	-23.86	74.00	54.97	24.62	5.04	34.50	PEAK	---	---
3	1375.000	46.25	-7.75	54.00	50.51	24.96	5.37	34.59	AVERAGE	---	---
4	1375.000	53.60	-20.40	74.00	57.85	24.96	5.37	34.59	PEAK	---	---
5	2320.160	43.47	-10.53	54.00	42.58	28.79	7.16	35.07	AVERAGE	---	---
6	2320.160	48.38	-25.62	74.00	47.50	28.79	7.16	35.07	PEAK	---	---
7	4854.240	58.20	-15.80	74.00	48.65	32.86	11.84	35.16	PEAK	---	---
8 *	4854.240	51.06	-2.94	54.00	41.51	32.86	11.84	35.16	AVERAGE	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	Lower Channel 802.11b 40MHz Channel 6 Ant. A

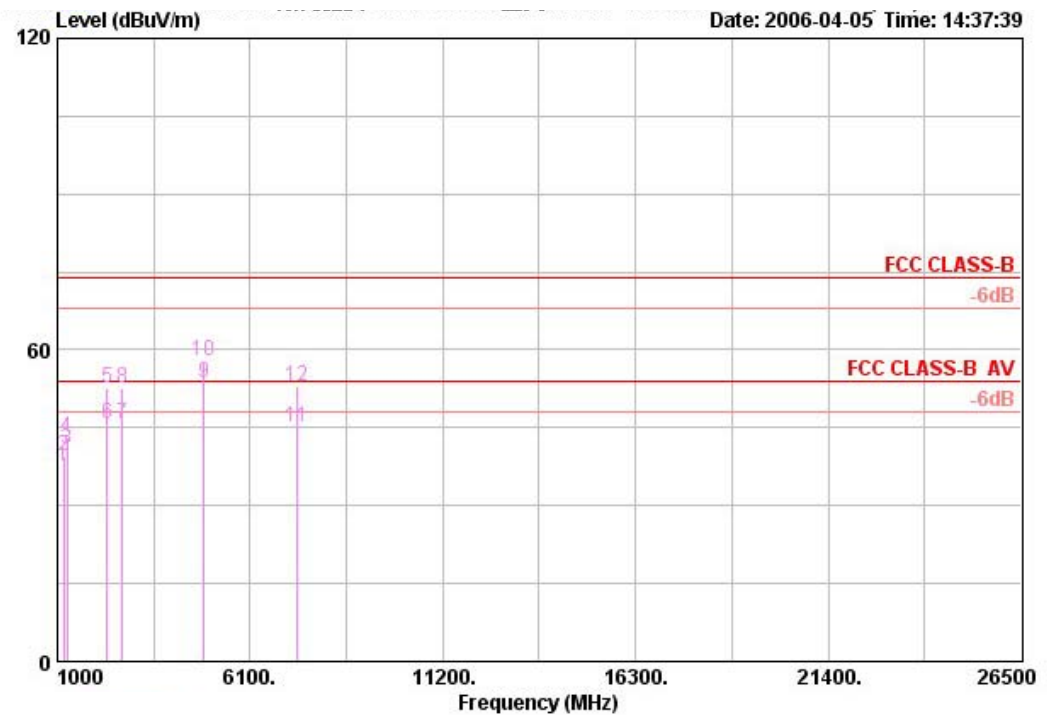
Horizontal



	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Remark	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1166.240	43.32	-10.68	54.00	48.49	24.38	4.88	34.44 AVERAGE	---	---
2	1166.240	49.28	-24.72	74.00	54.46	24.38	4.88	34.44 PEAK	---	---
3	1374.280	44.48	-9.52	54.00	48.74	24.96	5.37	34.59 AVERAGE	---	---
4	1374.280	50.50	-23.50	74.00	54.76	24.96	5.37	34.59 PEAK	---	---
5	2320.160	45.32	-8.68	54.00	44.44	28.79	7.16	35.07 AVERAGE	---	---
6	2320.160	52.50	-21.50	74.00	51.62	28.79	7.16	35.07 PEAK	---	---
7 *	4854.000	50.16	-3.84	54.00	40.61	32.86	11.84	35.16 AVERAGE	---	---
8	4854.000	57.19	-16.81	74.00	47.65	32.86	11.84	35.16 PEAK	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	Lower Channel 802.11b 40MHz Channel 9 Ant. A

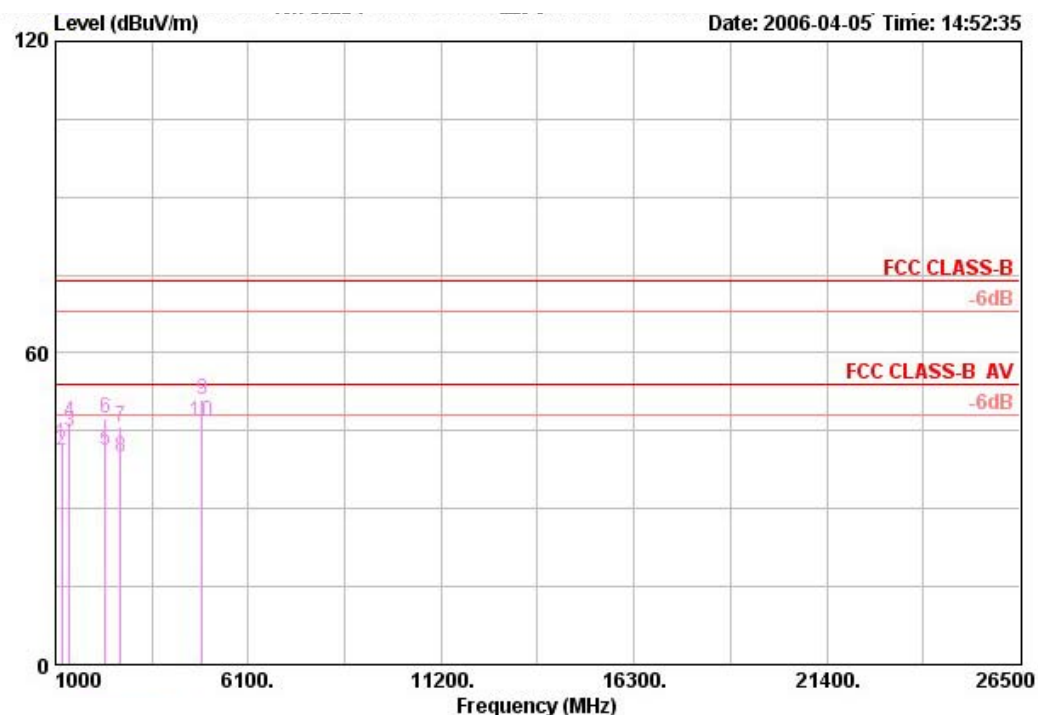
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	1166.600	37.71	-16.29	54.00	42.88	24.38	4.88	34.44	AVERAGE	---	---
2	1166.660	39.68	-34.32	74.00	44.85	24.38	4.88	34.44	PEAK	---	---
3	1250.000	40.78	-13.22	54.00	45.61	24.62	5.04	34.50	AVERAGE	---	---
4	1250.040	43.23	-30.77	74.00	48.06	24.62	5.04	34.50	PEAK	---	---
5	2319.600	52.48	-21.52	74.00	51.60	28.79	7.16	35.07	PEAK	---	---
6	2320.000	45.89	-8.11	54.00	45.01	28.79	7.16	35.07	AVERAGE	---	---
7	2720.000	45.72	-8.28	54.00	42.98	29.65	8.24	35.15	AVERAGE	---	---
8	2720.040	52.56	-21.44	74.00	49.82	29.65	8.24	35.15	PEAK	---	---
9	4883.840	53.47	-0.53	54.00	43.88	32.88	11.87	35.15	AVERAGE	---	---
10	4883.900	57.89	-16.11	74.00	48.30	32.88	11.87	35.15	PEAK	---	---
11	7327.500	45.21	-8.79	54.00	31.86	36.22	12.32	35.18	AVERAGE	---	---
12	7330.000	53.05	-20.95	74.00	39.69	36.22	12.32	35.18	PEAK	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	Lower Channel 802.11b 40MHz Channel 9 Ant. A

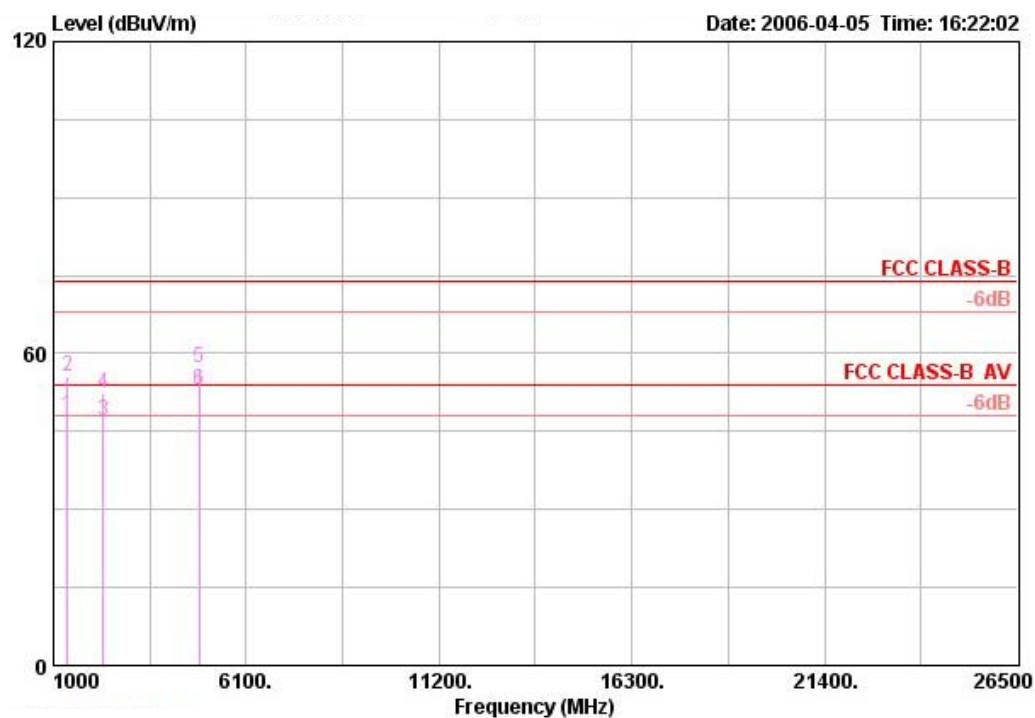
Horizontal



	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Remark	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor		Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	1166.560	42.45	-31.55	74.00	47.62	24.38	4.88	34.44	PEAK	---	---
2	1166.680	41.10	-12.90	54.00	46.28	24.38	4.88	34.44	AVERAGE	---	---
3	1375.000	44.77	-9.23	54.00	49.03	24.96	5.37	34.59	AVERAGE	---	---
4	1375.100	46.79	-27.21	74.00	51.04	24.96	5.37	34.59	PEAK	---	---
5	2319.960	41.17	-12.83	54.00	40.28	28.79	7.16	35.07	AVERAGE	---	---
6	2320.000	47.47	-26.53	74.00	46.58	28.79	7.16	35.07	PEAK	---	---
7	2719.840	45.62	-28.38	74.00	42.88	29.65	8.24	35.15	PEAK	---	---
8	2720.040	40.04	-13.96	54.00	37.30	29.65	8.24	35.15	AVERAGE	---	---
9	4883.500	51.14	-22.86	74.00	41.54	32.88	11.87	35.15	PEAK	---	---
10	4883.940	46.78	-7.22	54.00	37.18	32.88	11.87	35.15	AVERAGE	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	Upper Channel 802.11b 40MHz Channel 3 Ant. A

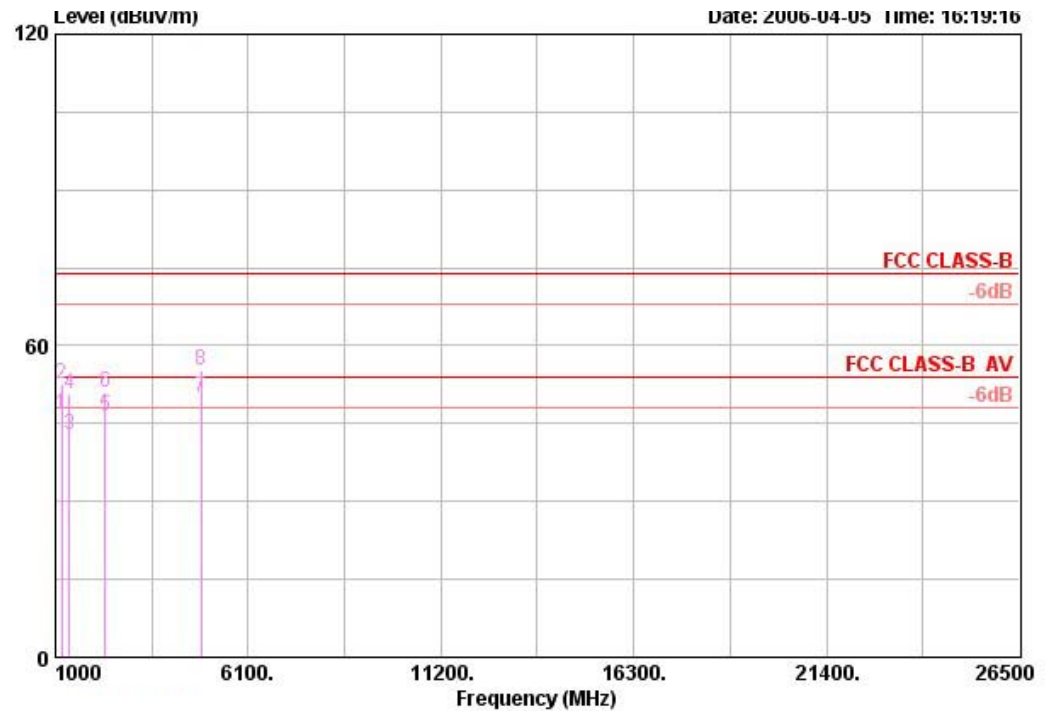
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	1375.000	47.91	-6.09	54.00	52.17	24.96	5.37	34.59	AVERAGE	---	---
2	1375.000	55.51	-18.49	74.00	59.77	24.96	5.37	34.59	PEAK	---	---
3	2320.000	47.17	-6.83	54.00	46.28	28.79	7.16	35.07	AVERAGE	---	---
4	2320.000	52.23	-21.77	74.00	51.34	28.79	7.16	35.07	PEAK	---	---
5	4864.280	57.33	-16.67	74.00	47.78	32.86	11.84	35.15	PEAK	---	---
6	4864.280	52.99	-1.01	54.00	43.44	32.86	11.84	35.15	AVERAGE	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	Upper Channel 802.11b 40MHz Channel 3 Ant. A

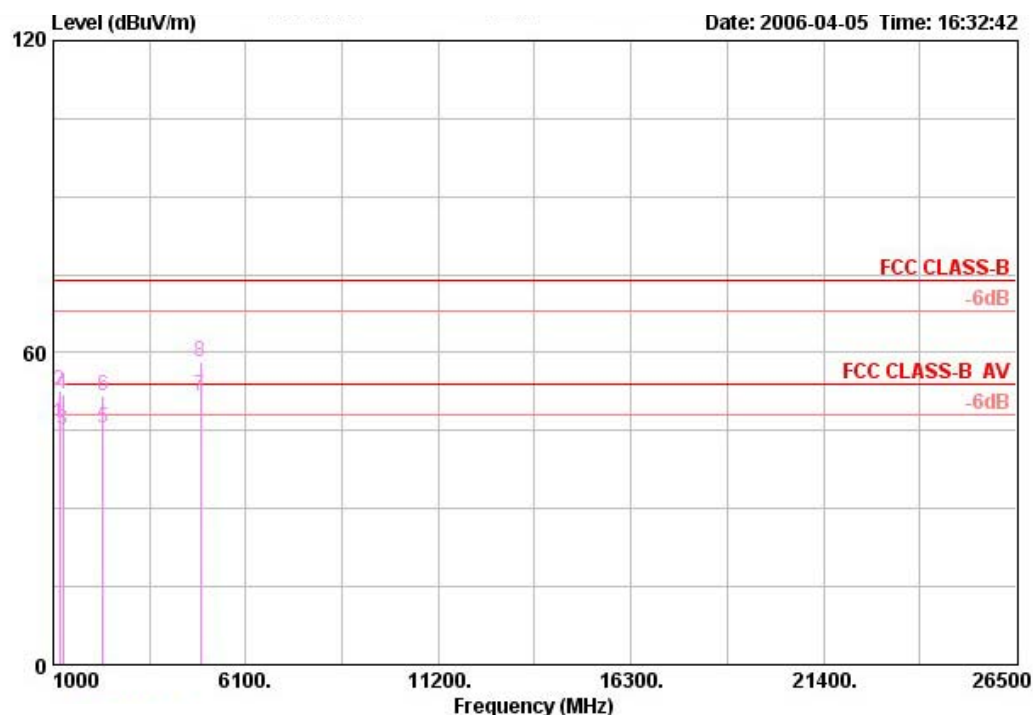
Horizontal



	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	1166.000	46.65	-7.35	54.00	51.82	24.38	4.88	34.44	AVERAGE	---	---
2	1166.120	52.55	-21.45	74.00	57.73	24.38	4.88	34.44	PEAK	---	---
3	1374.000	42.89	-11.11	54.00	47.15	24.96	5.37	34.59	AVERAGE	---	---
4	1374.000	50.53	-23.47	74.00	54.78	24.96	5.37	34.59	PEAK	---	---
5	2320.000	46.51	-7.49	54.00	45.62	28.79	7.16	35.07	AVERAGE	---	---
6	2320.000	51.11	-22.89	74.00	50.23	28.79	7.16	35.07	PEAK	---	---
7 *	4863.800	50.10	-3.90	54.00	40.55	32.86	11.84	35.15	AVERAGE	---	---
8	4863.920	55.38	-18.62	74.00	45.83	32.86	11.84	35.15	PEAK	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	Upper Channel 802.11b 40MHz Channel 6 Ant. A

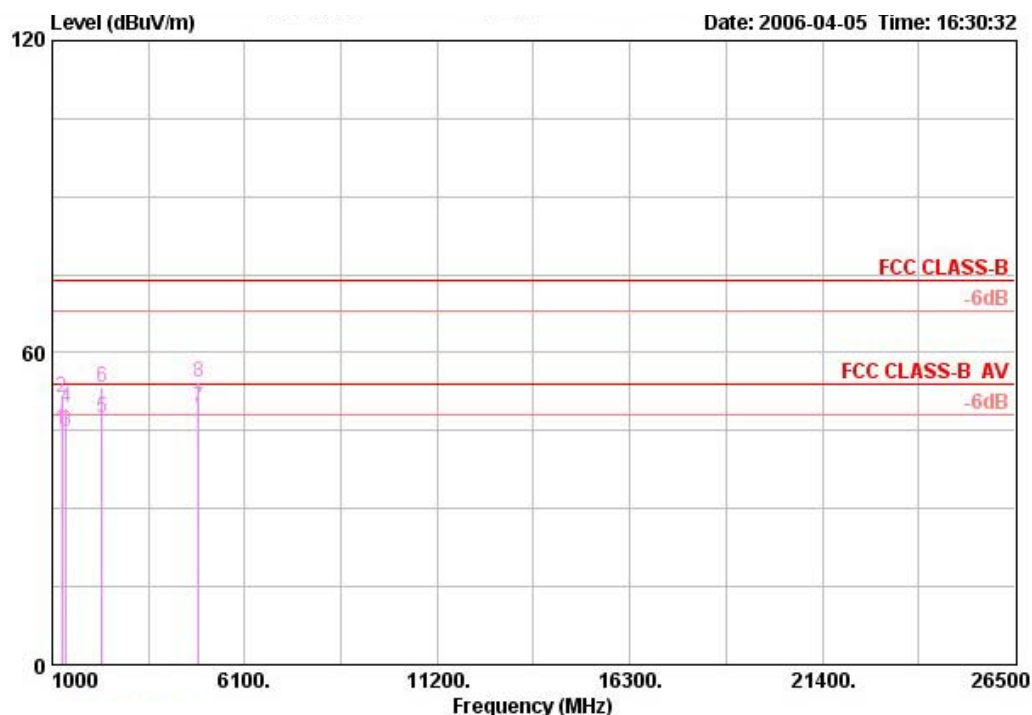
Vertical



	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	1166.000	46.46	-7.54	54.00	51.64	24.38	4.88	34.44	AVERAGE	---	---
2	1166.000	52.51	-21.49	74.00	57.69	24.38	4.88	34.44	PEAK	---	---
3	1250.160	45.21	-8.79	54.00	50.04	24.62	5.04	34.50	AVERAGE	---	---
4	1250.160	52.04	-21.96	74.00	56.87	24.62	5.04	34.50	PEAK	---	---
5	2320.160	45.43	-8.57	54.00	44.54	28.79	7.16	35.07	AVERAGE	---	---
6	2320.160	51.52	-22.48	74.00	50.63	28.79	7.16	35.07	PEAK	---	---
7	4894.360	51.66	-2.34	54.00	42.04	32.90	11.87	35.15	AVERAGE	---	---
8	4894.360	58.32	-15.68	74.00	48.70	32.90	11.87	35.15	PEAK	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	Upper Channel 802.11b 40MHz Channel 6 Ant. A

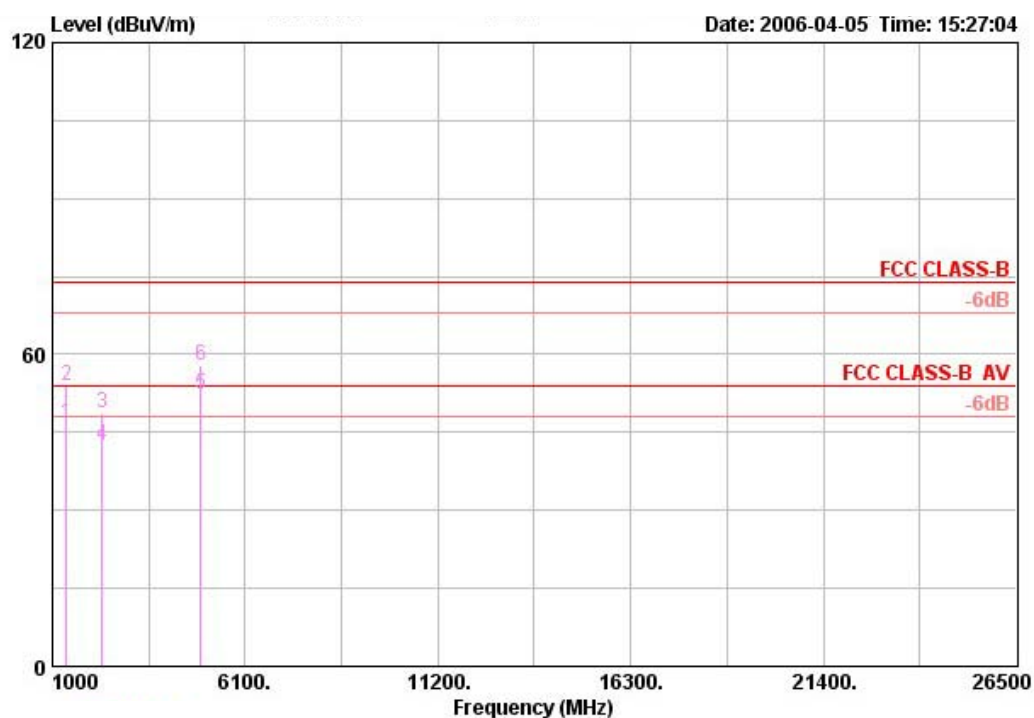
Horizontal



	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	1250.440	45.10	-8.90	54.00	49.85	24.62	5.13	34.50	AVERAGE	---	---
2	1250.440	51.19	-22.81	74.00	55.94	24.62	5.13	34.50	PEAK	---	---
3	1374.320	44.80	-9.20	54.00	49.06	24.96	5.37	34.59	AVERAGE	---	---
4	1374.320	49.48	-24.52	74.00	53.74	24.96	5.37	34.59	PEAK	---	---
5	2320.160	47.37	-6.63	54.00	46.48	28.79	7.16	35.07	AVERAGE	---	---
6	2320.160	53.16	-20.84	74.00	52.27	28.79	7.16	35.07	PEAK	---	---
7 *	4874.400	49.49	-4.51	54.00	39.90	32.88	11.87	35.15	AVERAGE	---	---
8	4874.400	54.14	-19.86	74.00	44.54	32.88	11.87	35.15	PEAK	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	Upper Channel 802.11b 40MHz Channel 9 Ant. A

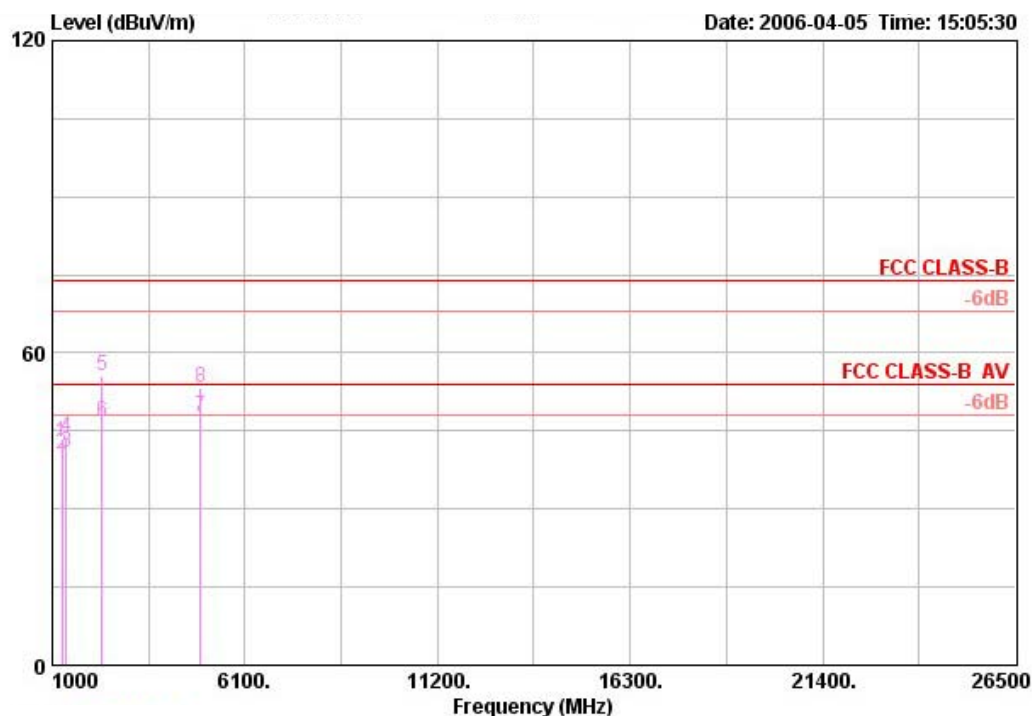
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	1374.000	46.63	-7.37	54.00	50.89	24.96	5.37	34.59	AVERAGE	---	---
2	1376.000	53.79	-20.21	74.00	58.05	24.96	5.37	34.59	PEAK	---	---
3	2314.040	48.78	-25.22	74.00	47.91	28.77	7.16	35.07	PEAK	---	---
4	2320.000	42.66	-11.34	54.00	41.77	28.79	7.16	35.07	AVERAGE	---	---
5	4924.000	52.34	-1.66	54.00	42.66	32.93	11.89	35.14	AVERAGE	---	---
6	4924.000	57.98	-16.02	74.00	48.29	32.93	11.89	35.14	PEAK	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	Upper Channel 802.11b 40MHz Channel 9 Ant. A

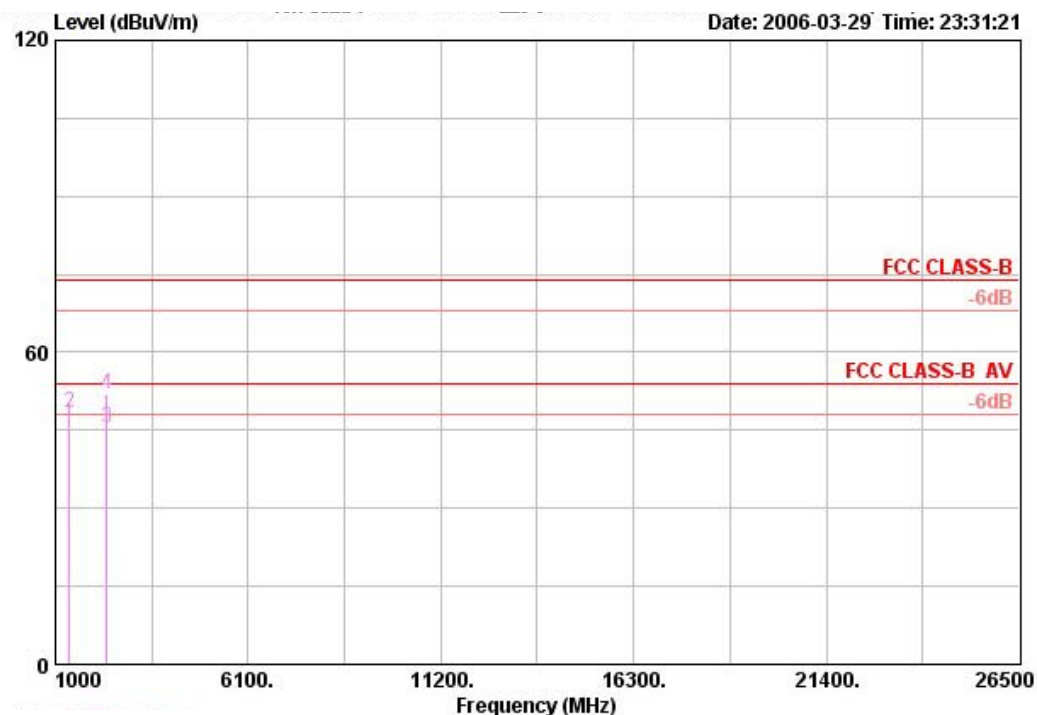
Horizontal



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier Factor	Remark	Ant Pos	Table Pos
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg
1	1249.960	42.74	-31.26	74.00	47.57	24.62	5.04	34.50	PEAK	---	---
2	1250.000	40.63	-13.37	54.00	45.45	24.62	5.04	34.50	AVERAGE	---	---
3	1375.000	40.98	-13.02	54.00	45.24	24.96	5.37	34.59	AVERAGE	---	---
4	1375.020	43.73	-30.27	74.00	47.98	24.96	5.37	34.59	PEAK	---	---
5	2320.000	55.73	-18.27	74.00	54.84	28.79	7.16	35.07	PEAK	---	---
6	2320.000	46.73	-7.27	54.00	45.84	28.79	7.16	35.07	AVERAGE	---	---
7	4923.920	47.86	-6.14	54.00	38.18	32.93	11.89	35.14	AVERAGE	---	---
8	4924.160	53.25	-20.75	74.00	43.57	32.93	11.89	35.14	PEAK	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11g 20MHz Channel 1 Ant. A

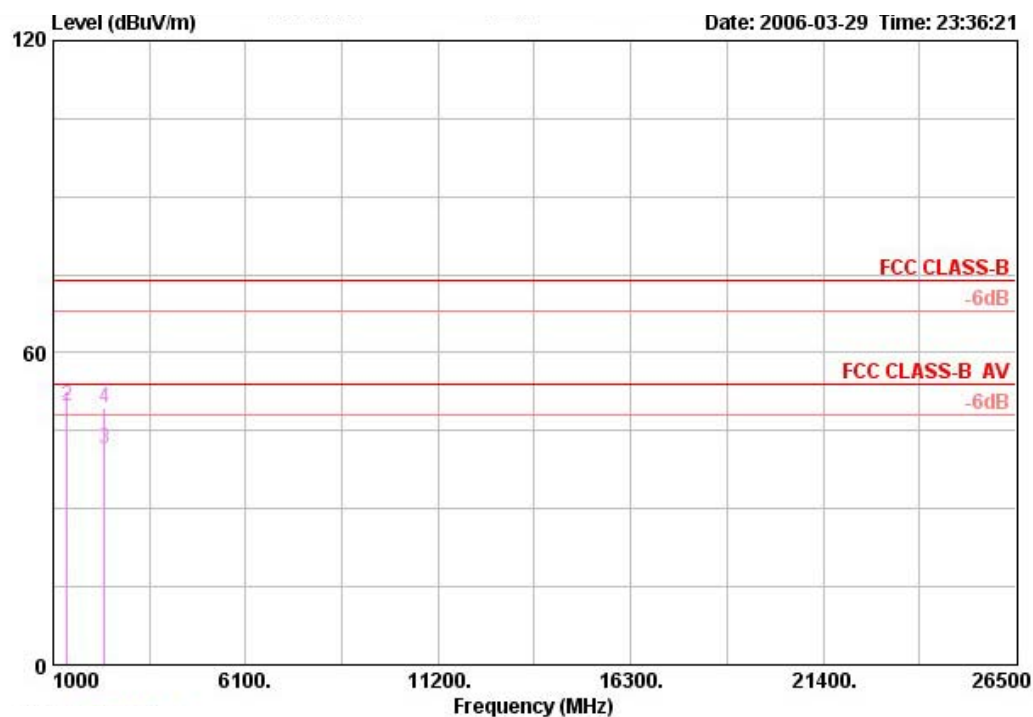
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1374.980	46.35	-7.65	54.00	50.60	24.96	5.37	34.59 AVERAGE	---	---
2	1374.980	48.43	-25.57	74.00	52.68	24.96	5.37	34.59 PEAK	---	---
3	2367.200	45.33	-8.67	54.00	44.26	28.83	7.34	35.10 AVERAGE	---	---
4	2367.200	51.96	-22.04	74.00	50.89	28.83	7.34	35.10 PEAK	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11g 20MHz Channel 1 Ant. A

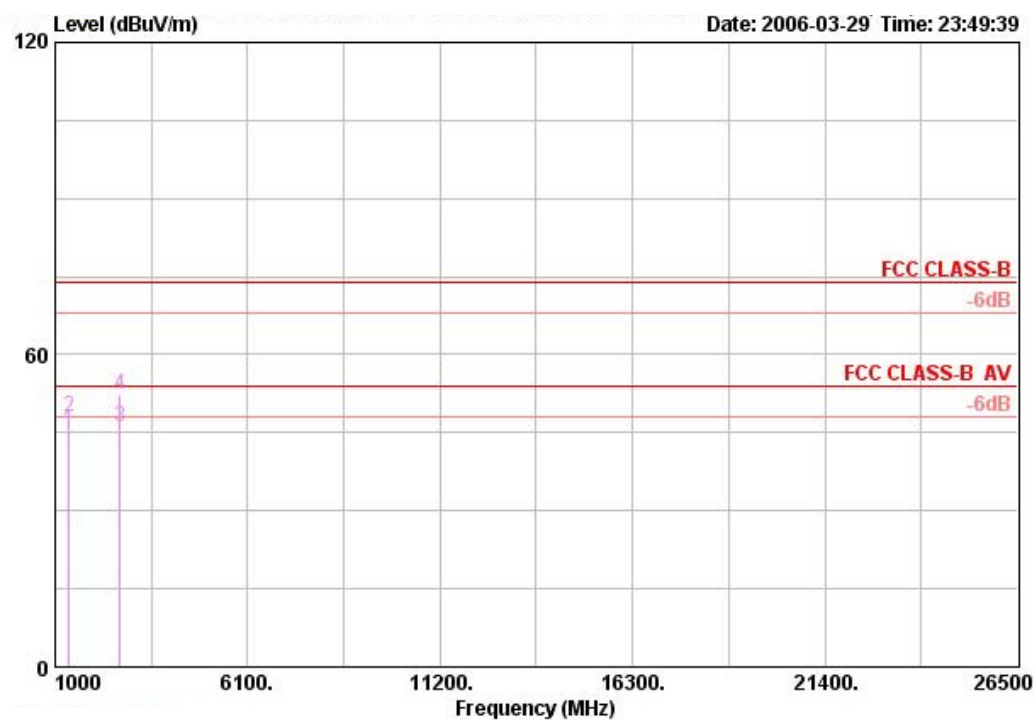
Horizontal



	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 *	1375.000	48.24	-5.76	54.00	52.50	24.96	5.37	34.59	AVERAGE	---	---
2	1375.000	49.73	-24.27	74.00	53.99	24.96	5.37	34.59	PEAK	---	---
3	2367.200	41.53	-12.47	54.00	40.46	28.83	7.34	35.10	AVERAGE	---	---
4	2367.200	49.53	-24.47	74.00	48.45	28.83	7.34	35.10	PEAK	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11g 20MHz Channel 6 Ant. A

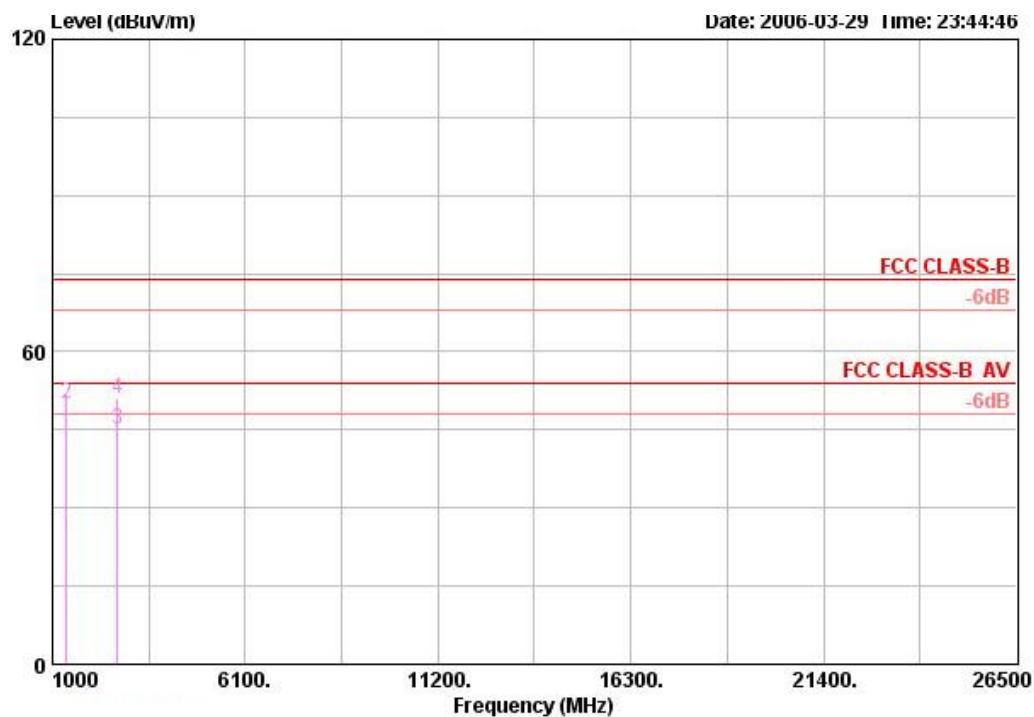
Vertical



	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Remark	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1375.080	45.59	-8.41	54.00	49.85	24.96	5.37	34.59 AVERAGE	---	---
2	1375.080	47.97	-26.03	74.00	52.23	24.96	5.37	34.59 PEAK	---	---
3	2719.960	46.13	-7.87	54.00	43.39	29.65	8.24	35.15 AVERAGE	---	---
4	2719.960	52.25	-21.75	74.00	49.51	29.65	8.24	35.15	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11g 20MHz Channel 6 Ant. A

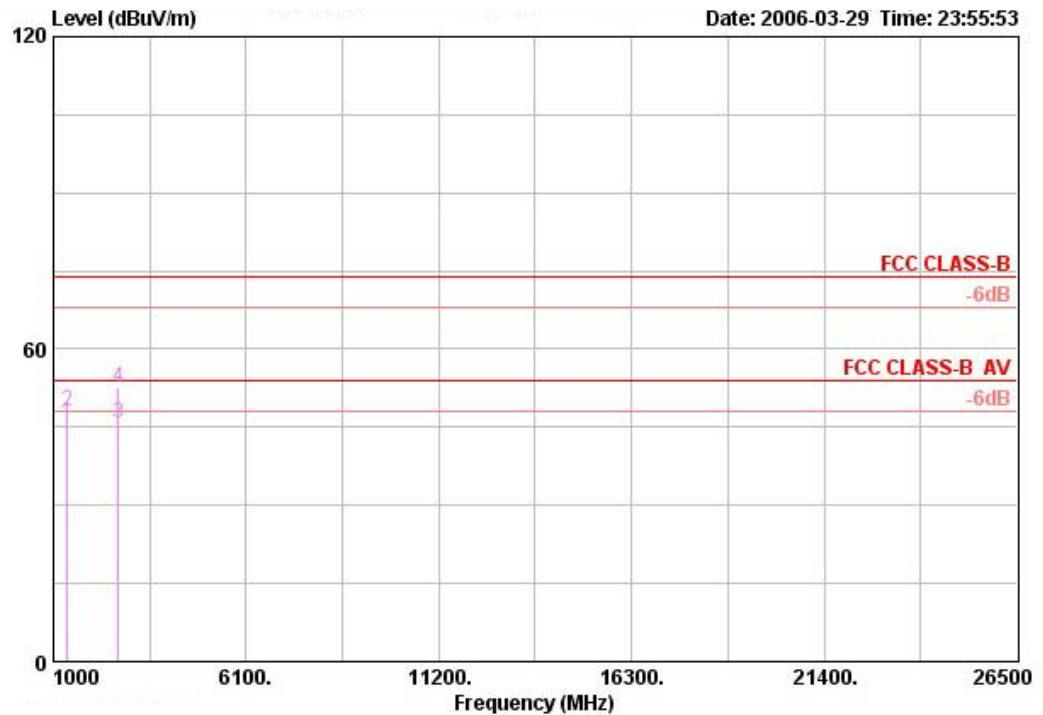
Horizontal



	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 *	1375.000	48.22	-5.78	54.00	52.48	24.96	5.37	34.59	AVERAGE	---	---
2	1375.000	49.90	-24.10	74.00	54.16	24.96	5.37	34.59	PEAK	---	---
3	2720.000	45.25	-8.75	54.00	42.50	29.65	8.24	35.15	AVERAGE	---	---
4	2720.000	51.11	-22.89	74.00	48.37	29.65	8.24	35.15	PEAK	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11g 20MHz Channel 11 Ant. A

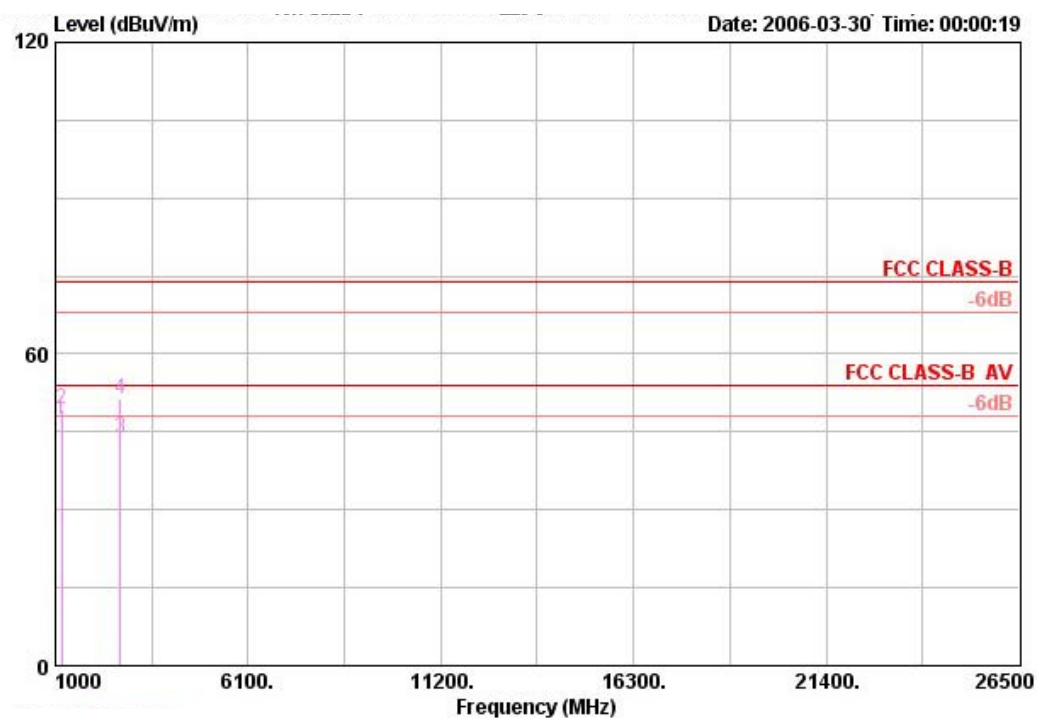
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	1374.960	45.78	-8.22	54.00	50.04	24.96	5.37	34.59	AVERAGE	---	---
2	1374.960	48.12	-25.88	74.00	52.38	24.96	5.37	34.59	PEAK	---	---
3	2720.000	45.66	-8.34	54.00	42.92	29.65	8.24	35.15	AVERAGE	---	---
4	2720.000	52.54	-21.46	74.00	49.80	29.65	8.24	35.15	PEAK	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11g 20MHz Channel 11 Ant. A

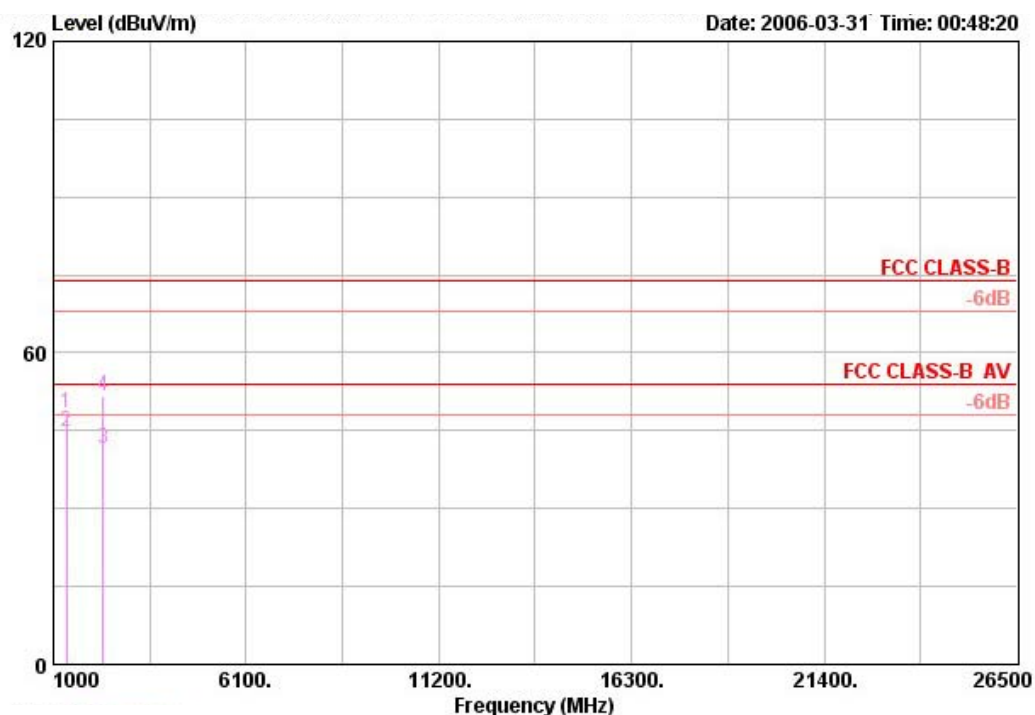
Horizontal



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	1166.680	47.56	-6.44	54.00	52.73	24.38	4.88	34.44	AVERAGE	---	---
2	1166.680	49.47	-24.53	74.00	54.64	24.38	4.88	34.44	PEAK	---	---
3	2720.000	43.79	-10.21	54.00	41.04	29.65	8.24	35.15	AVERAGE	---	---
4	2720.000	51.28	-22.72	74.00	48.54	29.65	8.24	35.15	PEAK	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11g 40MHz Channel 3 Ant. A + Ant. B

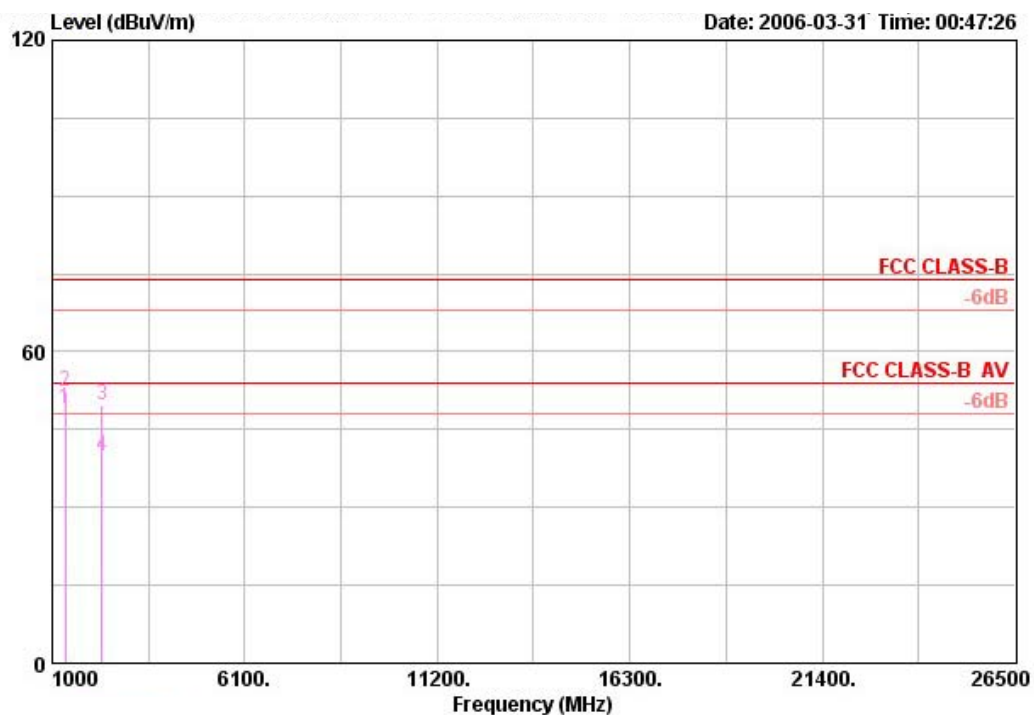
Vertical



	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Remark	Pos	Pos
			dB	dBuV/m	dBuV	dB	dB		cm	deg
1	1346.900	48.35	-25.65	74.00	52.76	24.87	5.29	34.57 PEAK	---	---
2	1346.900	44.69	-9.31	54.00	49.11	24.87	5.29	34.57 AVERAGE	---	---
3	2320.040	41.57	-12.43	54.00	40.68	28.79	7.16	35.07 AVERAGE	---	---
4	2320.040	51.57	-22.43	74.00	50.68	28.79	7.16	35.07 PEAK	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11g 40MHz Channel 3 Ant. A + Ant. B

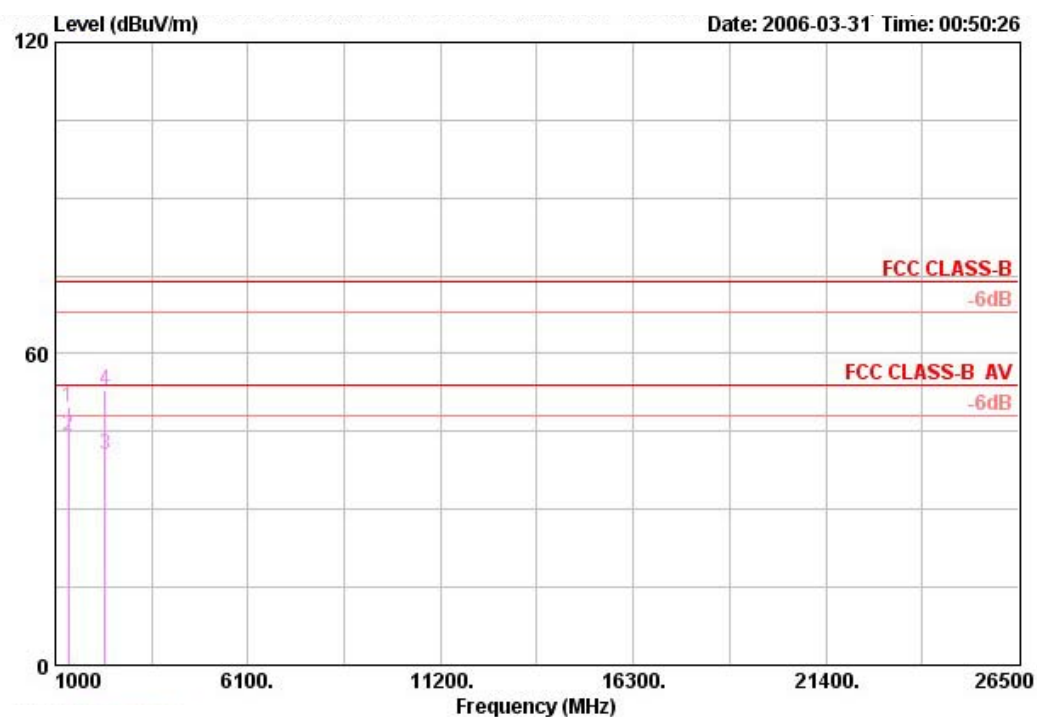
Horizontal



	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 *	1345.980	49.21	-4.79	54.00	53.62	24.87	5.29	34.57	AVERAGE	---	---
2	1345.980	52.21	-21.79	74.00	56.62	24.87	5.29	34.57	PEAK	---	---
3	2320.040	49.65	-24.35	74.00	48.76	28.79	7.16	35.07	PEAK	---	---
4	2320.040	39.76	-14.24	54.00	38.87	28.79	7.16	35.07	AVERAGE	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11g 40MHz Channel 6 Ant. A + Ant. B

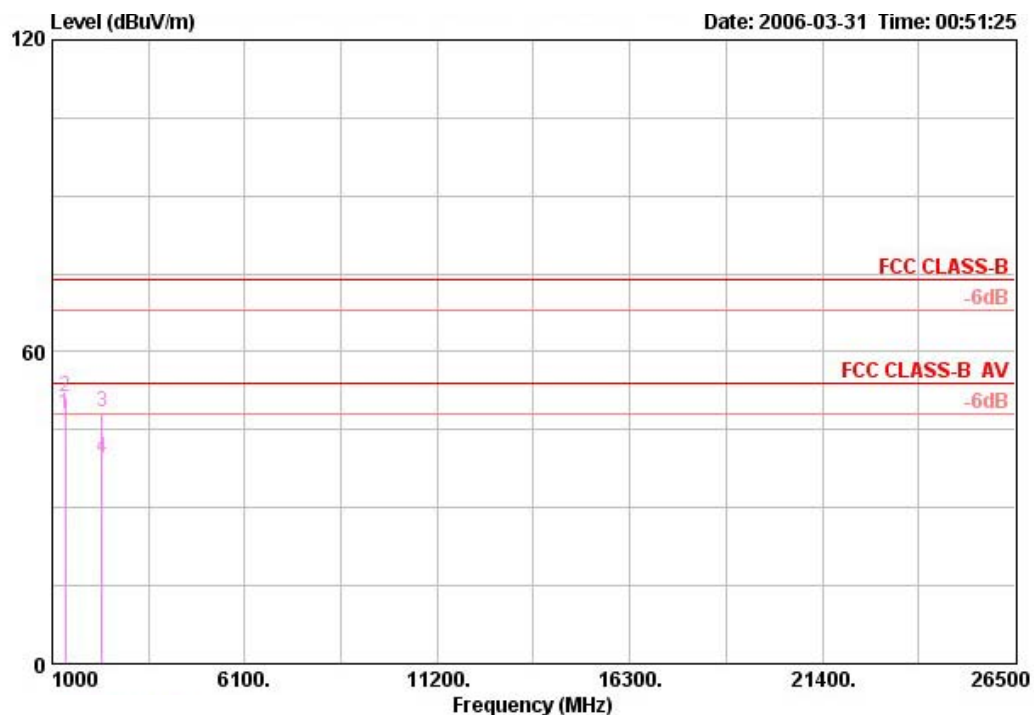
Vertical



	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Remark	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB		cm	deg
1	1346.900	49.58	-24.42	74.00	54.00	24.87	5.29	34.57 PEAK	---	---
2	1346.900	44.23	-9.77	54.00	48.64	24.87	5.29	34.57 AVERAGE	---	---
3	2315.000	40.55	-13.45	54.00	39.69	28.77	7.16	35.07 AVERAGE	---	---
4	2321.180	52.94	-21.06	74.00	52.06	28.79	7.16	35.07 PEAK	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11g 40MHz Channel 6 Ant. A + Ant. B

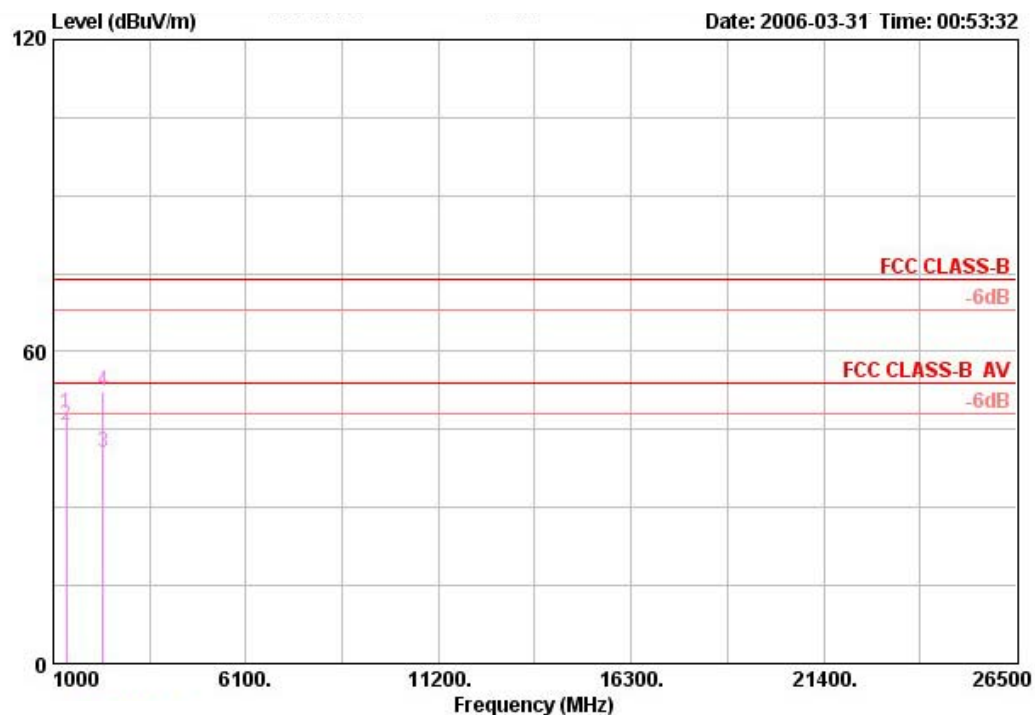
Horizontal



	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Remark	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB		cm	deg
1	1345.940	47.99	-6.01	54.00	52.40	24.87	5.29	34.57 AVERAGE	---	---
2	1345.940	51.27	-22.73	74.00	55.69	24.87	5.29	34.57 PEAK	---	---
3	2321.180	48.55	-25.45	74.00	47.67	28.79	7.16	35.07 PEAK	---	---
4	2321.180	39.70	-14.30	54.00	38.81	28.79	7.16	35.07 AVERAGE	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11g 40MHz Channel 9 Ant. A + Ant. B

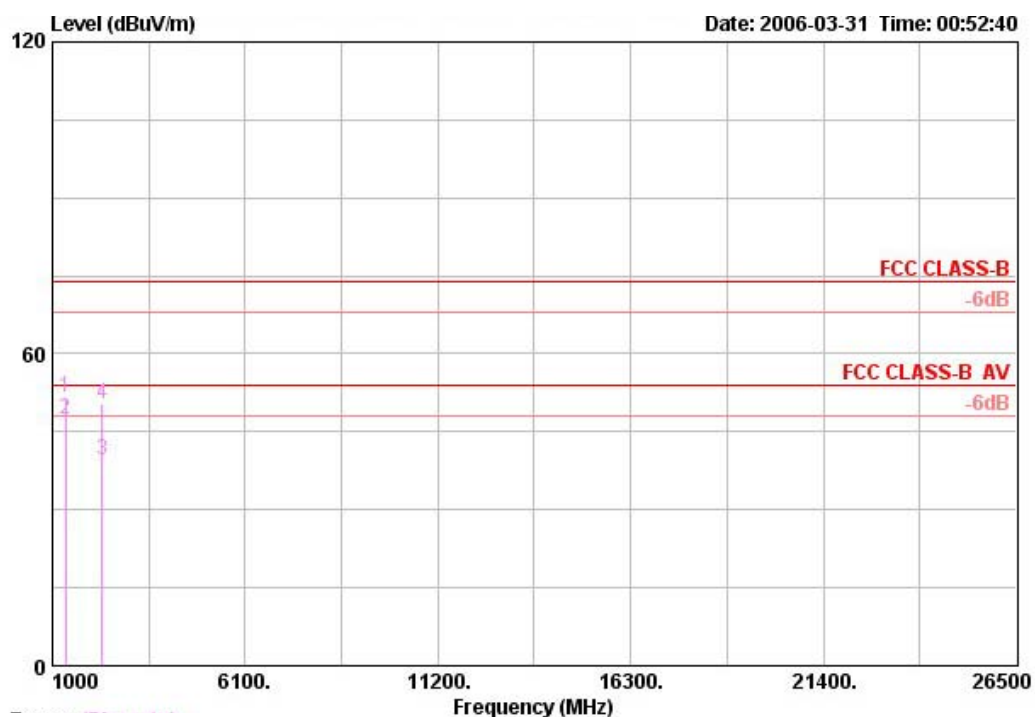
Vertical



	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	1344.040	48.11	-25.89	74.00	52.51	24.87	5.29	34.55	PEAK	---	---
2	1344.040	45.67	-8.33	54.00	50.07	24.87	5.29	34.55	AVERAGE	---	---
3	2315.000	40.46	-13.54	54.00	39.60	28.77	7.16	35.07	AVERAGE	---	---
4	2315.000	52.38	-21.62	74.00	51.52	28.77	7.16	35.07	PEAK	---	---

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11g 40MHz Channel 9 Ant. A + Ant. B

Horizontal



	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Remark	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1345.940	51.64	-22.36	74.00	56.06	24.87	5.29	34.57 PEAK	---	---
2	1345.940	47.46	-6.54	54.00	51.88	24.87	5.29	34.57 AVERAGE	---	---
3	2315.000	39.44	-14.56	54.00	38.58	28.77	7.16	35.07 AVERAGE	---	---
4	2315.000	50.23	-23.77	74.00	49.37	28.77	7.16	35.07 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.

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

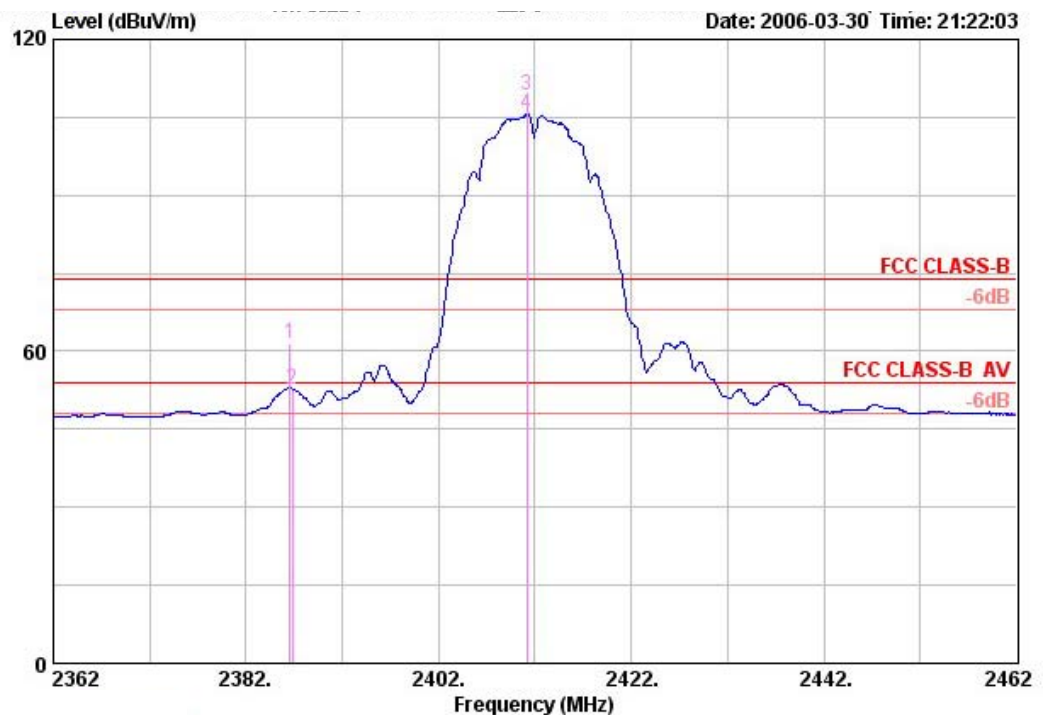
There is no deviation with the original standard.

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 and Fundamental Emissions

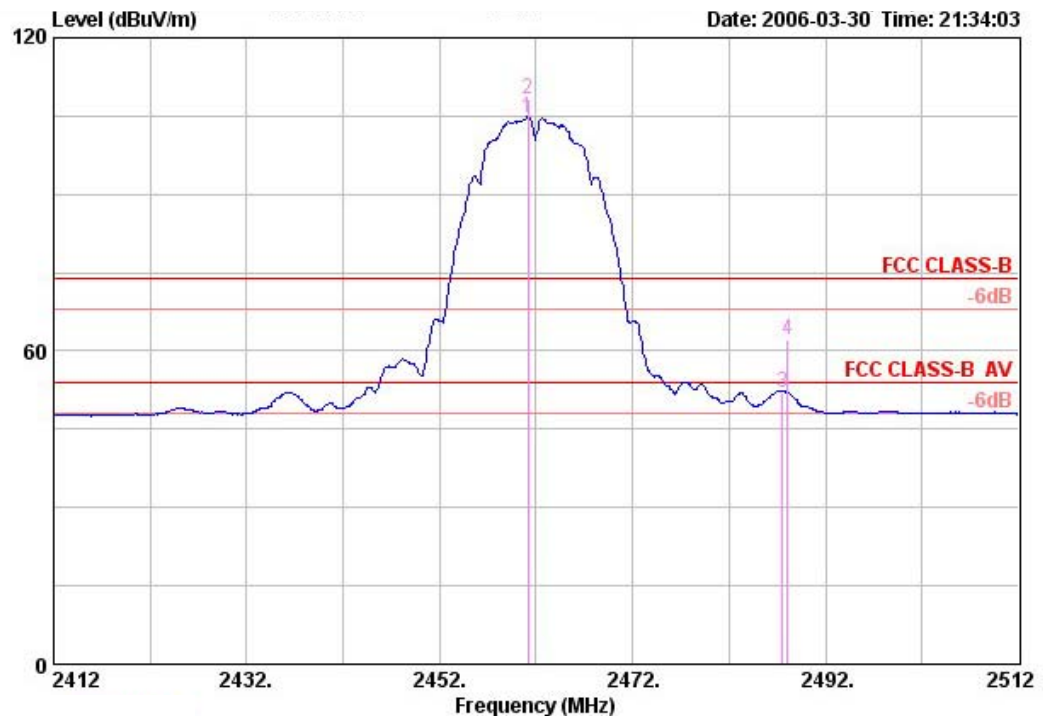
Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11b 20MHz Channel 1 Ant. A



	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Remark	Pos	Pos
			dB	dBuV/m	dBuV	dB	dB		cm	deg
1	2386.600	61.50	-12.50	74.00	25.90	28.88	6.72	0.00 PEAK	---	---
2 *	2386.800	52.80	-1.20	54.00	17.20	28.88	6.72	0.00 AVERAGE	---	---
3 over	2411.200	109.09			73.40	28.90	6.80	0.00 PEAK	---	---
4 B	2411.200	105.50			69.81	28.90	6.80	0.00 AVERAGE	---	---

Channel 1 is fundamental frequency at 2412 MHz.

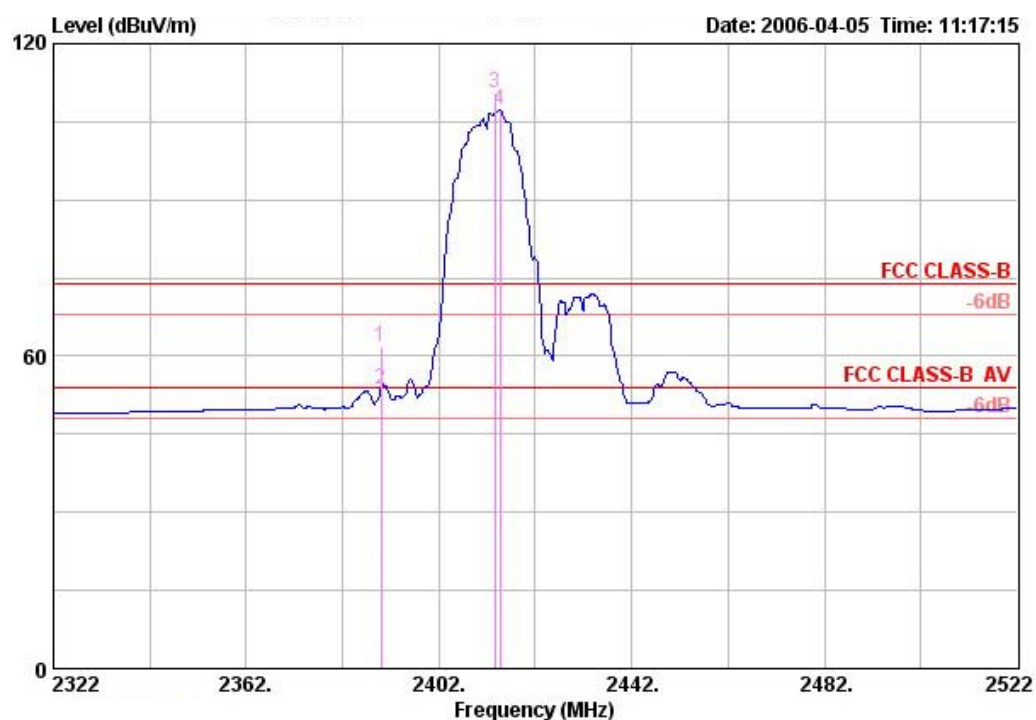
Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11b 20MHz Channel 11 Ant. A



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Preamp Loss	Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	2461.200	104.76			68.93	28.96	6.87	0.00 AVERAGE	---	---
2 over	2461.200	108.34			72.51	28.96	6.87	0.00 PEAK	---	---
3 *	2487.500	52.14	-1.86	54.00	16.20	29.00	6.94	0.00 AVERAGE	---	---
4	2488.100	62.20	-11.80	74.00	26.26	29.00	6.94	0.00 PEAK	---	---

Channel 11 is fundamental frequency at 2462 MHz.

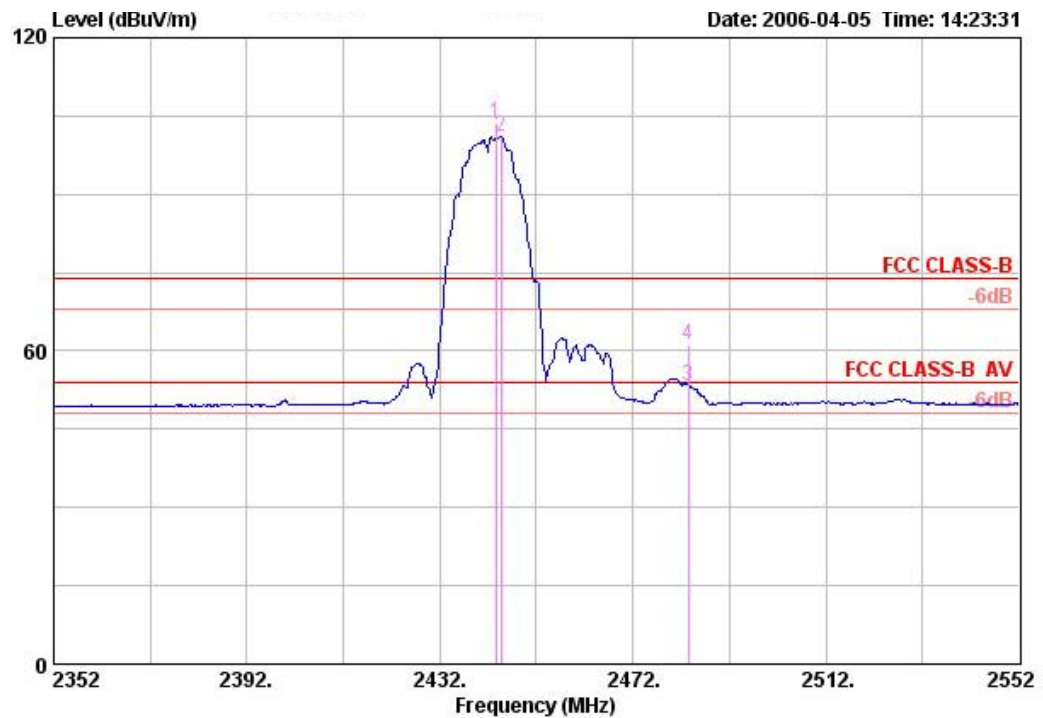
Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	Lower Channel 802.11b 40MHz Channel 3 Ant. A



	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp		Ant	Table
	MHz	dBuV/m	dB	dBuV/m	Level	Factor	Loss	Factor	Remark	Pos	Pos
					dBuV	dB/m	dB	dB		cm	deg
1	2390.000	61.76	-12.24	74.00	26.16	28.88	6.72	0.00	PEAK	---	---
2	2390.000	53.70	-0.30	54.00	18.10	28.88	6.72	0.00	AVERAGE	---	---
3	2413.600	110.57			74.88	28.90	6.80	0.00	PEAK	---	---
4	2414.600	107.21			71.52	28.90	6.80	0.00	Average	---	---

Channel 3 is fundamental frequency at 2422 MHz.

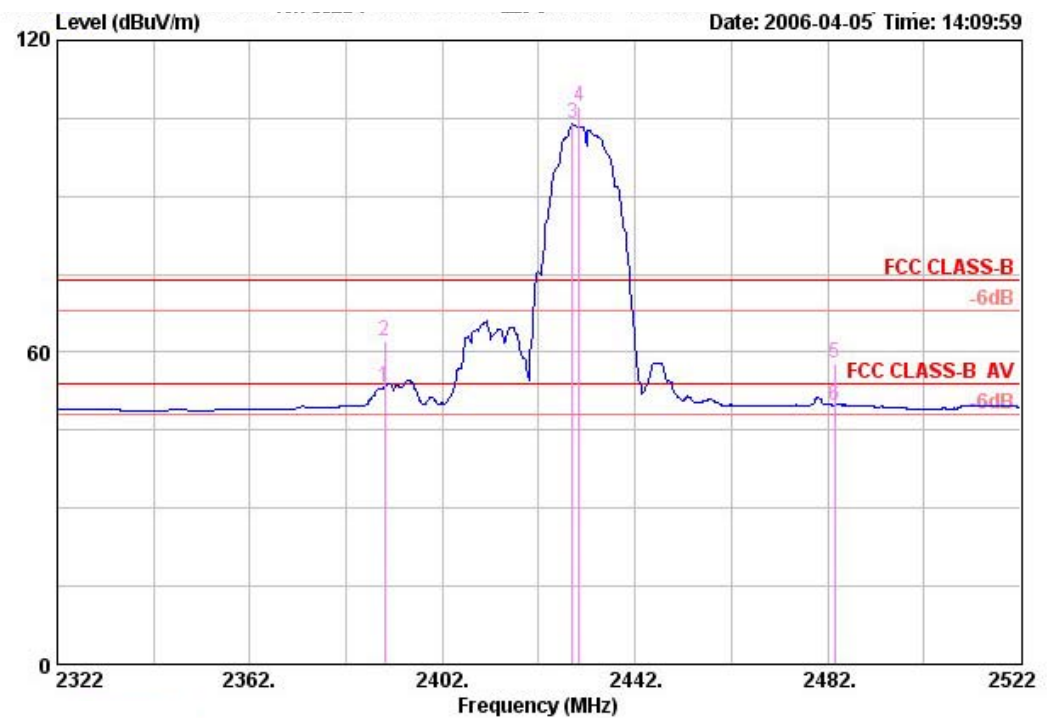
Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	Lower Channel 802.11b 40MHz Channel 9 Ant. A



	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp		Ant	Table
	MHz	dBuV/m	dB	dBuV/m	Level	Factor	Loss	Factor	Remark	Pos	Pos
					dBuV	dB/m	dB	dB		cm	deg
1 @	2443.600	103.72			67.98	28.94	6.80	0.00	PEAK	---	---
2 @	2444.600	101.08			65.28	28.94	6.87	0.00	Average	---	---
3 @	2483.500	53.28	-0.72	54.00	17.36	28.98	6.94	0.00	AVERAGE	---	---
4	2483.500	61.15	-12.85	74.00	25.23	28.98	6.94	0.00	PEAK	---	---

Channel 9 is fundamental frequency at 2452 MHz.

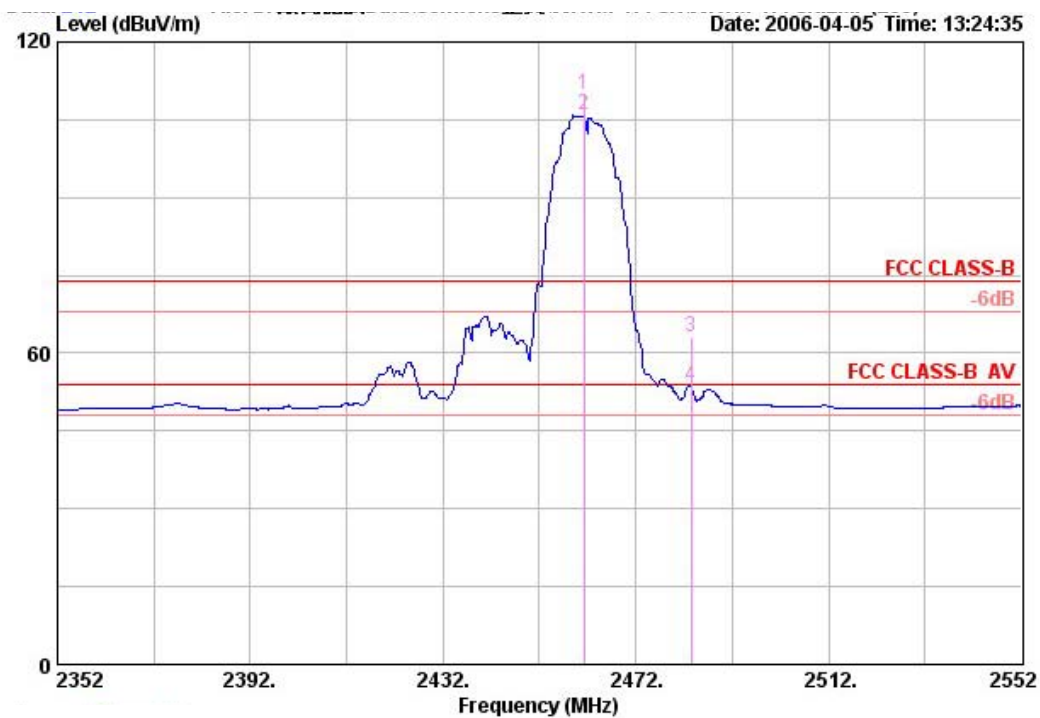
Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	Upper Channel 802.11b 40MHz Channel 3 Ant. A



	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Remark	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor		Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 @	2390.000	53.16	-0.84	54.00	17.56	28.88	6.72	0.00	AVERAGE	---	---
2	2390.000	62.11	-11.89	74.00	26.51	28.88	6.72	0.00	PEAK	---	---
3 @	2429.000	103.82			68.11	28.92	6.80	0.00	Average	---	---
4 @	2430.400	107.33			71.62	28.92	6.80	0.00	PEAK	---	---
5	2483.500	57.87	-16.13	74.00	21.95	28.98	6.94	0.00	PEAK	---	---
6 *	2483.500	49.84	-4.16	54.00	13.92	28.98	6.94	0.00	AVERAGE	---	---

Channel 3 is fundamental frequency at 2422 MHz.

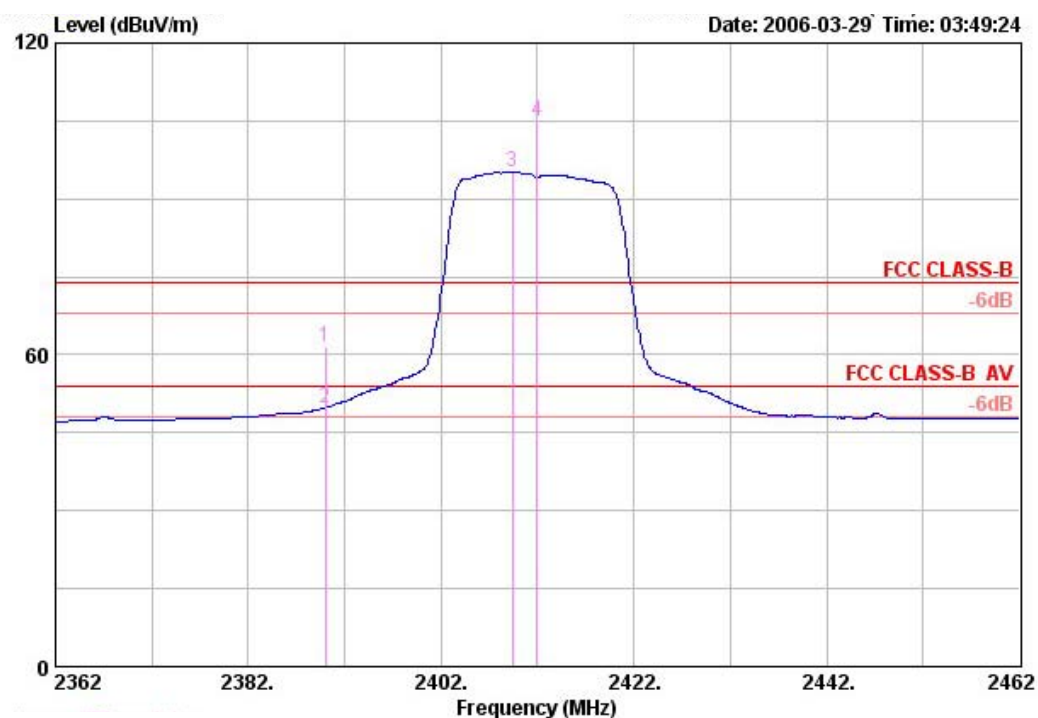
Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	Upper Channel 802.11b 40MHz Channel 9 Ant. A



	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp		Ant	Table
	MHz	dBuV/m	dB	dBuV/m	Level	Factor	Loss	Factor	Remark	Pos	Pos
					dBuV	dB/m	dB	dB		cm	deg
1	2461.200	109.71			73.88	28.96	6.87	0.00	PEAK	---	---
2	2461.200	105.86			70.03	28.96	6.87	0.00	Average	---	---
3	2483.500	63.25	-10.75	74.00	27.33	28.98	6.94	0.00	PEAK	---	---
4	2483.500	53.57	-0.43	54.00	17.65	28.98	6.94	0.00	AVERAGE	---	---

Channel 9 is fundamental frequency at 2452 MHz.

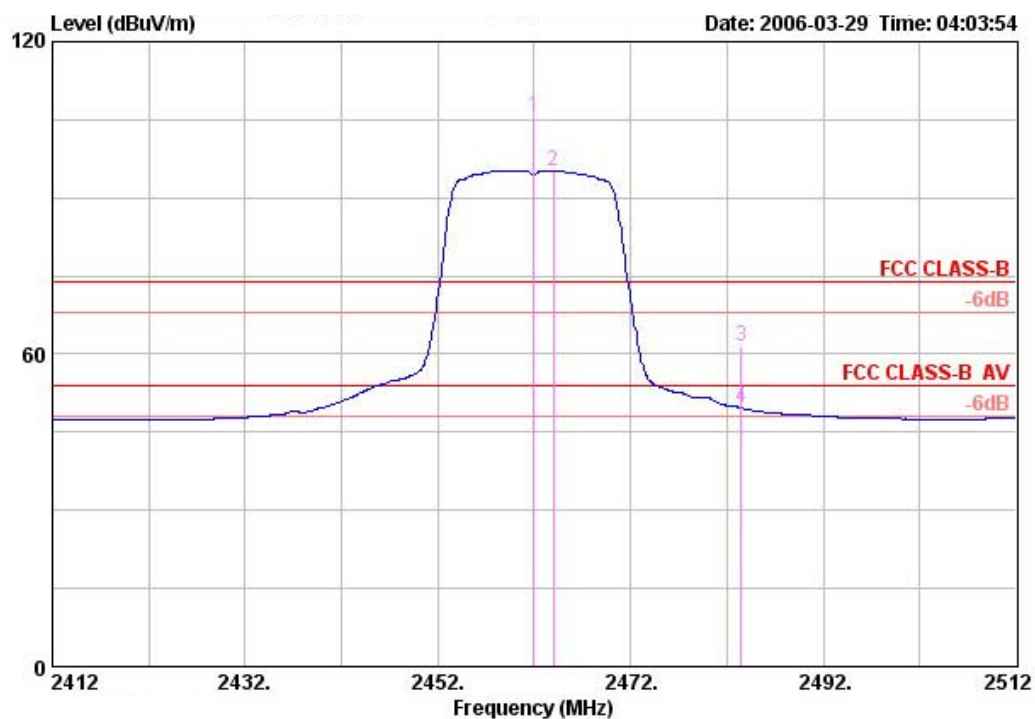
Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11g 20MHz Channel 1 Ant. A



	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp		Ant	Table
	MHz	dBuV/m	dB	dBuV/m	Level	Loss	Factor	Remark	Pos	Pos
					dBuV	dB/m	dB		cm	deg
1	2390.000	61.40	-12.60	74.00	25.81	28.88	6.72	0.00 PEAK	---	---
2 *	2390.000	49.75	-4.25	54.00	14.15	28.88	6.72	0.00 AVERAGE	---	---
3 @	2409.400	95.11			59.42	28.90	6.80	0.00 AVERAGE	---	---
4 over	2412.000	104.98			69.29	28.90	6.80	0.00 PEAK	---	---

Channel 1 is fundamental frequency at 2412 MHz.

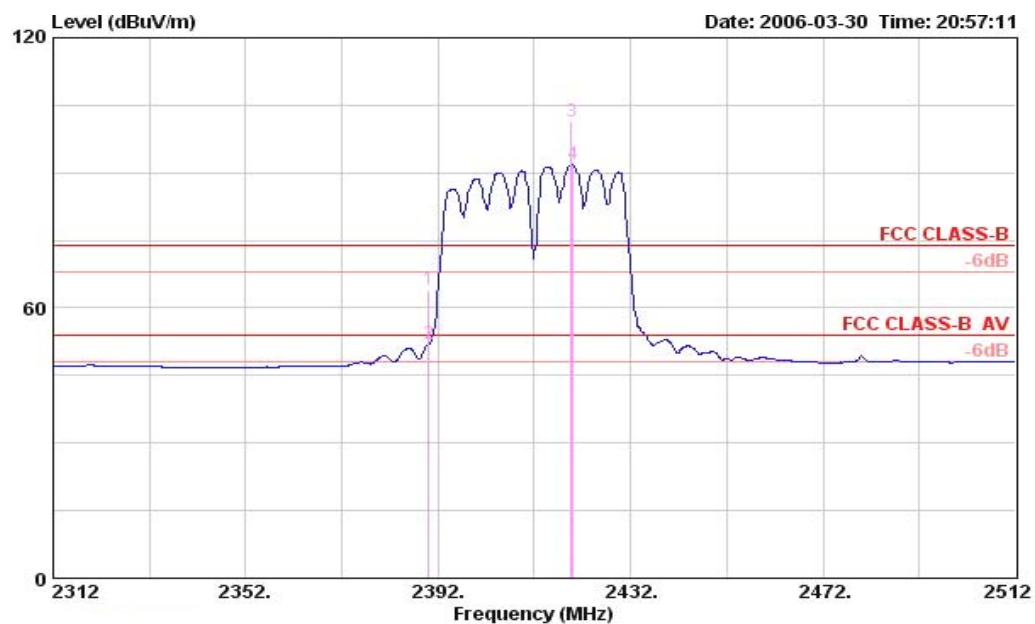
Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11g 20MHz Channel 11 Ant. A



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Preamp Loss Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg
1 over	2462.000	105.77			69.94	28.96	6.87	0.00	PEAK
2 @	2464.000	95.22			59.40	28.96	6.87	0.00	AVERAGE
3	2483.500	61.39	-12.61	74.00	25.48	28.98	6.94	0.00	PEAK
4 *	2483.500	49.56	-4.44	54.00	13.64	28.98	6.94	0.00	AVERAGE

Channel 11 is fundamental frequency at 2462 MHz.

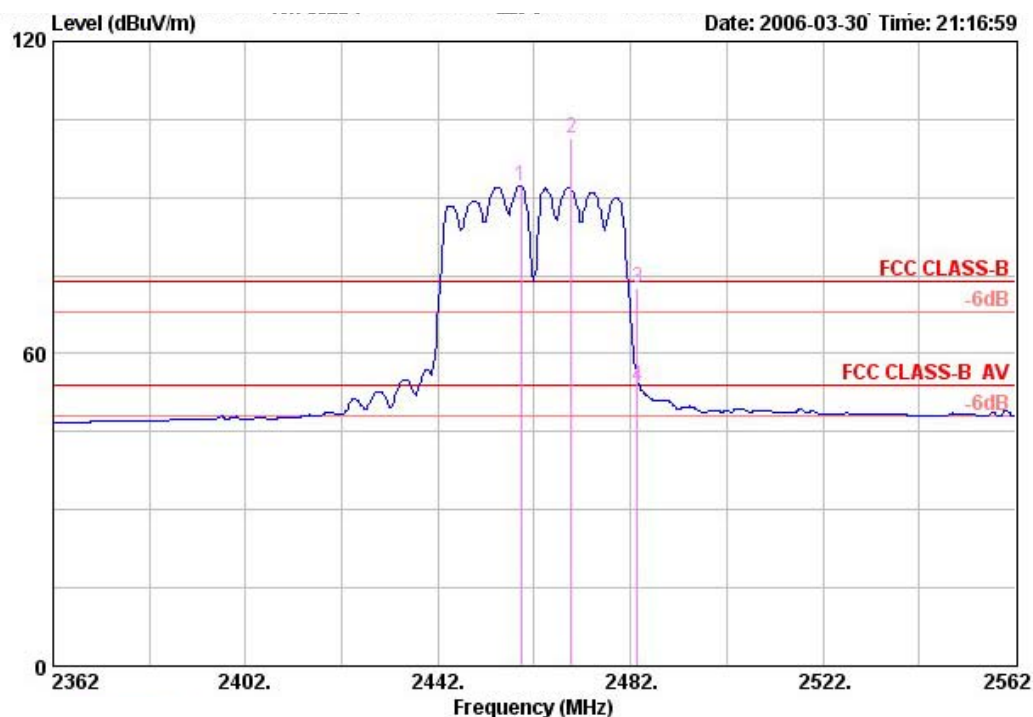
Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11g 40MHz Channel 3 Ant. A + Ant. B



	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	64.06	-9.94	74.00	28.46	28.88	6.72	0.00	PEAK	---	---
2 *	2390.000	51.84	-2.16	54.00	16.24	28.88	6.72	0.00	AVERAGE	---	---
3 over	2419.600	101.34			65.63	28.92	6.80	0.00	PEAK	---	---
4 over	2420.000	91.73			56.01	28.92	6.80	0.00	AVERAGE	---	---

Channel 3 is fundamental frequency at 2422 MHz.

Temperature	20°C	Humidity	70%
Test Engineer	Leo Hung	Configurations	802.11g 40MHz Channel 9 Ant. A + Ant. B



	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp		Ant	Table
	MHz	dBUV/m	Limit	Line	Level	Loss	Factor	Remark	Pos	Pos
			dB	dBUV/m	dBuV	dB/m	dB		cm	deg
1 over	2459.200	92.13			56.30	28.96	6.87	0.00 AVERAGE	---	---
2 over	2469.600	101.48			65.66	28.96	6.87	0.00 PEAK	---	---
3 *	2483.500	72.47	-1.53	74.00	36.55	28.98	6.94	0.00 PEAK	---	---
4 *	2483.500	53.56	-0.44	54.00	17.64	28.98	6.94	0.00 AVERAGE	---	---

Channel 9 is fundamental frequency at 2452 MHz.

Note:

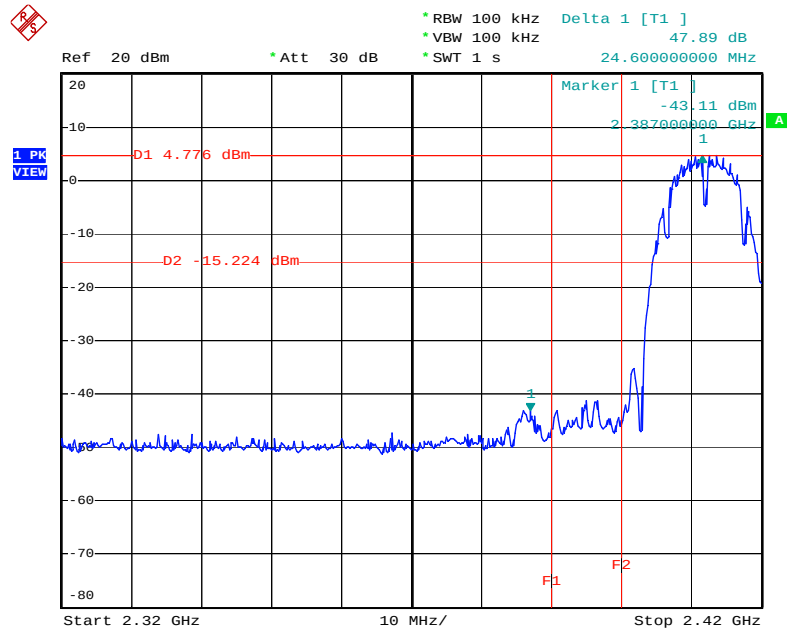
Emission level (dBUV/m) = 20 log Emission level (uV/m).

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

Receiving maximum band edge emissions are Vertical Polarization.

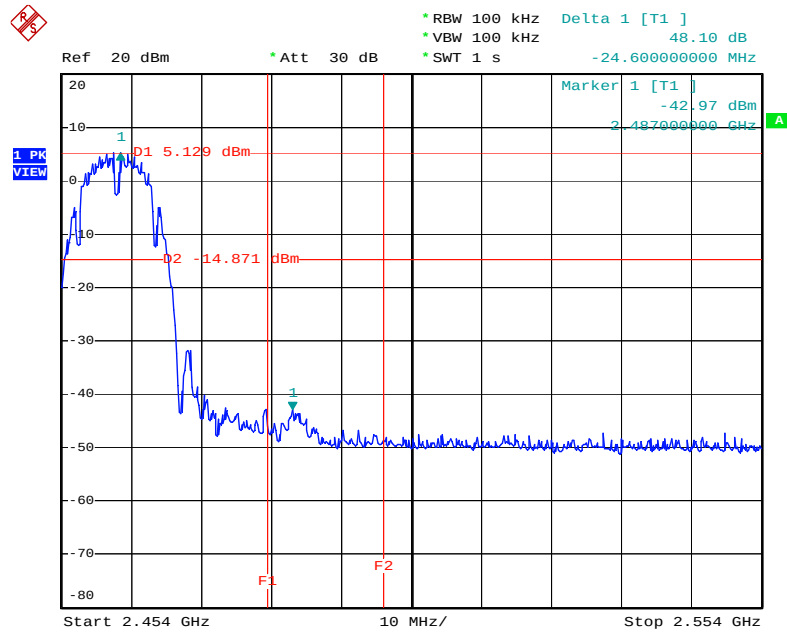
For Emission not in Restricted Band

Low Band Edge Plot on Configuration IEEE 802.11b 20MHz Ant. A / 2412 MHz



Date: 31.MAR.2006 04:21:58

High Band Edge Plot on Configuration IEEE 802.11b 20MHz Ant. A / 2462 MHz

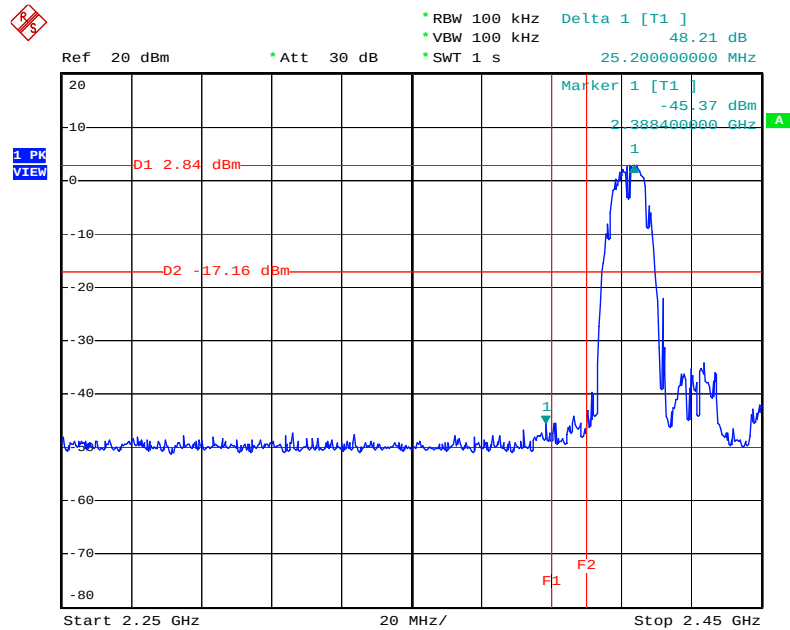


Date: 31.MAR.2006 04:23:44

For Emission not in Restricted Band

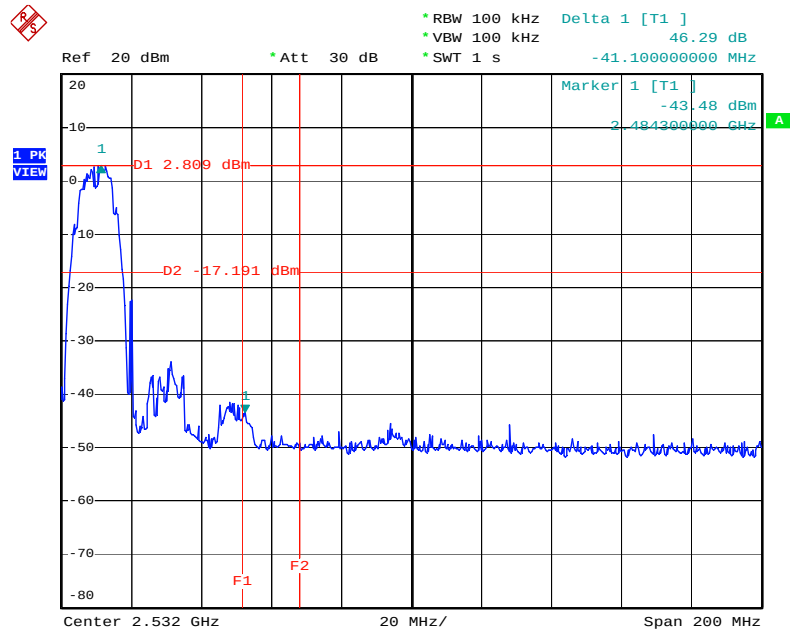
Lower Channel

Low Band Edge Plot on Configuration IEEE 802.11b 40MHz Ant. A / 2422 MHz



Date: 6.APR.2006 09:50:46

High Band Edge Plot on Configuration IEEE 802.11b 40MHz Ant. A / 2452 MHz

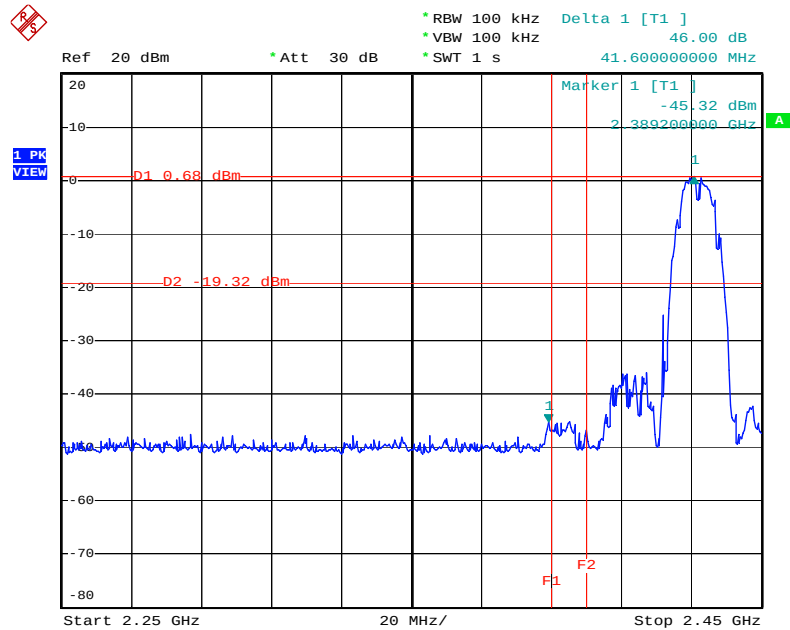


Date: 6.APR.2006 09:55:51

For Emission not in Restricted Band

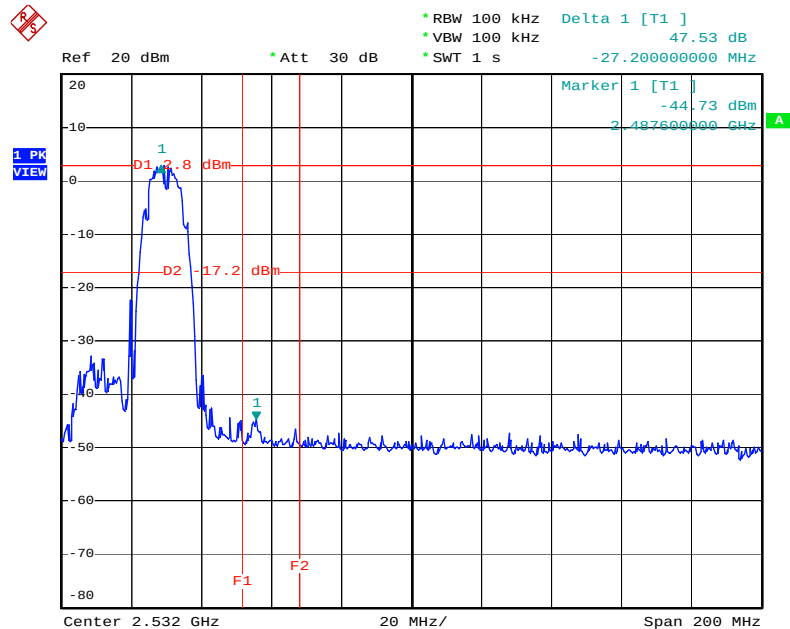
Upper Channel

Low Band Edge Plot on Configuration IEEE 802.11b 40MHz Ant. A / 2422 MHz



Date: 6.APR.2006 09:42:26

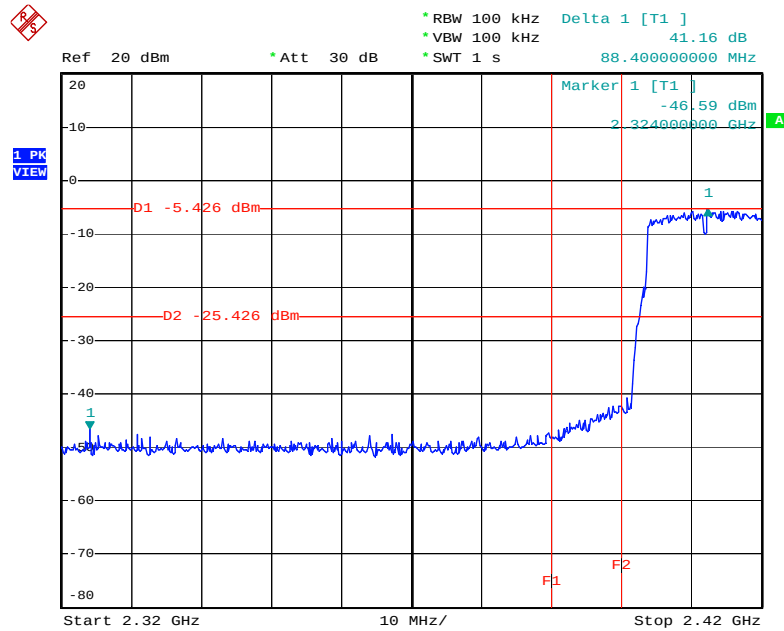
High Band Edge Plot on Configuration IEEE 802.11b 40MHz Ant. A / 2452 MHz



Date: 6.APR.2006 09:46:34

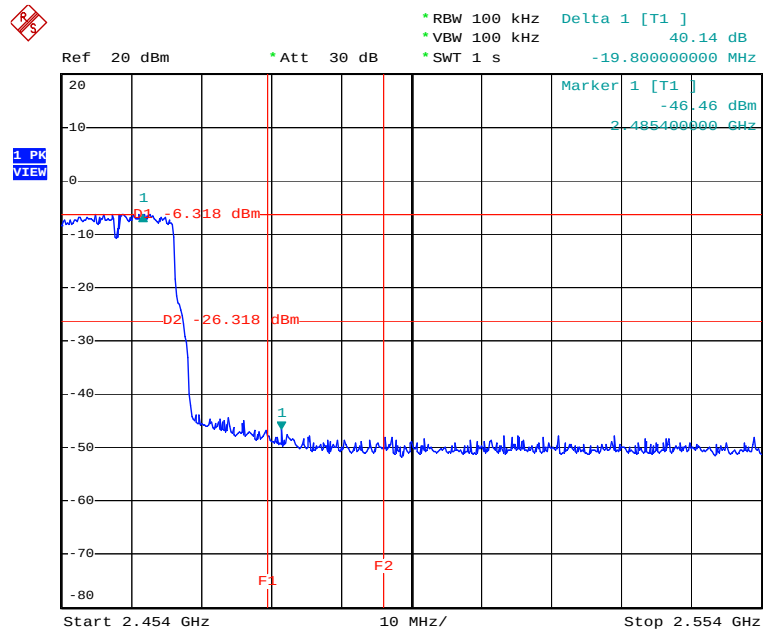
For Emission not in Restricted Band

Low Band Edge Plot on Configuration IEEE 802.11g 20MHz Ant. A / 2412 MHz



Date: 31.MAR.2006 03:51:55

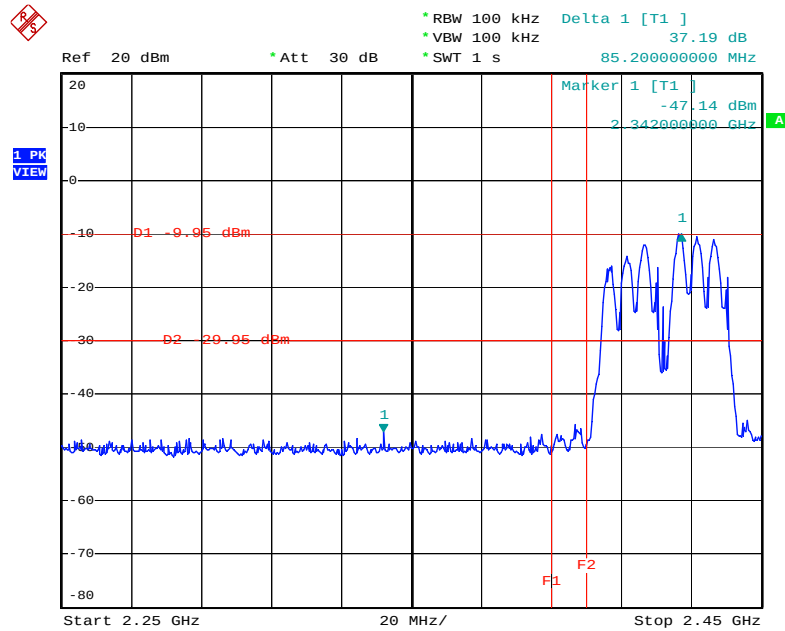
High Band Edge Plot on Configuration IEEE 802.11g 20MHz Ant. A / 2462 MHz



Date: 31.MAR.2006 03:53:48

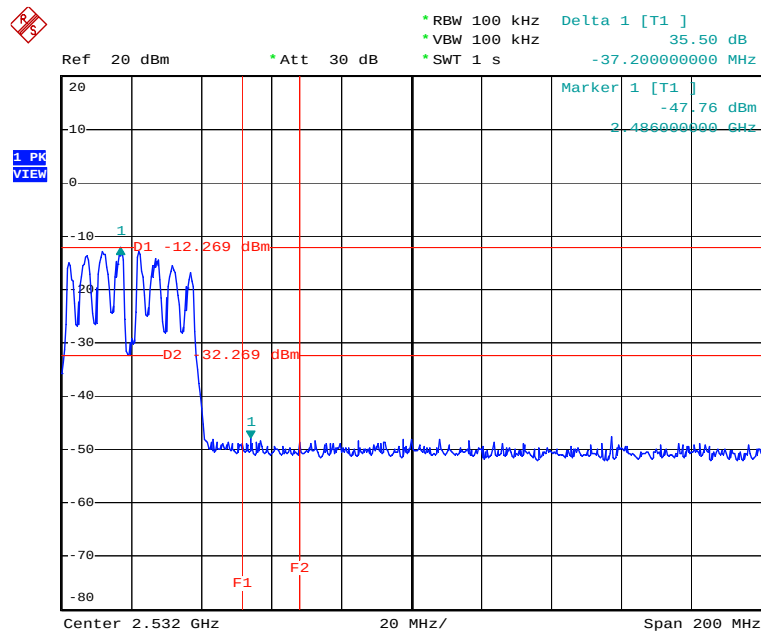
For Emission not in Restricted Band

Low Band Edge Plot on Configuration IEEE 802.11g 40MHz Ant. A + Ant. B / 2422 MHz



Date: 3.APR.2006 20:25:27

High Band Edge Plot on Configuration IEEE 802.11g 40MHz Ant. A + Ant. B / 2452 MHz



Date: 3.APR.2006 20:35:44

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, 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. 22, 2006	Conduction (CO04-HY)
LISN	MessTec	NNB-2/16Z	99079	9kHz – 30MHz	Dec. 19, 2005	Conduction (CO04-HY)
LISN (Support Unit)	EMCO	3810/2NM	9708-1839	9kHz – 30MHz	Mar. 18, 2006	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	30 MHz - 1 GHz 3m	Jun. 16, 2005	Radiation (03CH03-HY)
Amplifier	SCHAFFNER	CPA9231A	3565	9 kHz - 2 GHz	Jan. 18, 2006	Radiation (03CH03-HY)
Amplifier	Agilent	8449B	3008A02120	1 GHz - 26.5 GHz	May. 31, 2005	Radiation (03CH03-HY)
Amplifier	MITEQ	AMF-6F-260400	923364	26.5 GHz - 40 GHz	Jan. 24, 2006*	Radiation (03CH03-HY)
Spectrum Analyzer	R&S	FSP40	100004/040	9 kHz - 40 GHz	Sep. 30, 2005	Radiation (03CH03-HY)
Loop Antenna	R&S	HFH2-Z2	860004/001	9 kHz - 30 MHz	May. 24, 2004*	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)
Horn Antenna	EMCO	3115	6741	1 GHz - 18 GHz	Apr. 22, 2005	Radiation (03CH03-HY)
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	15 GHz - 40 GHz	Jun. 09, 2004*	Radiation (03CH03-HY)
RF Cable-R03m	Jye Bao	RG142	CB021	30 MHz - 1 GHz	Dec.02, 2005	Radiation (03CH03-HY)
RF Cable-HIGH	SUHNER	SUCOFLEX 106	03CH03-HY	1 GHz - 40 GHz	Dec.02, 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)
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)
RF CABLE-1m	Jye Bao	RG142	CB034-1m	20MHz ~ 7GHz	Dec. 30, 2005	Conducted (TH01-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
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)

※ Calibration Interval of instruments listed above is one year.

* 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., Neihs 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

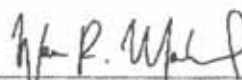
Tao Yuan Hsien 333
TAIWAN

*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