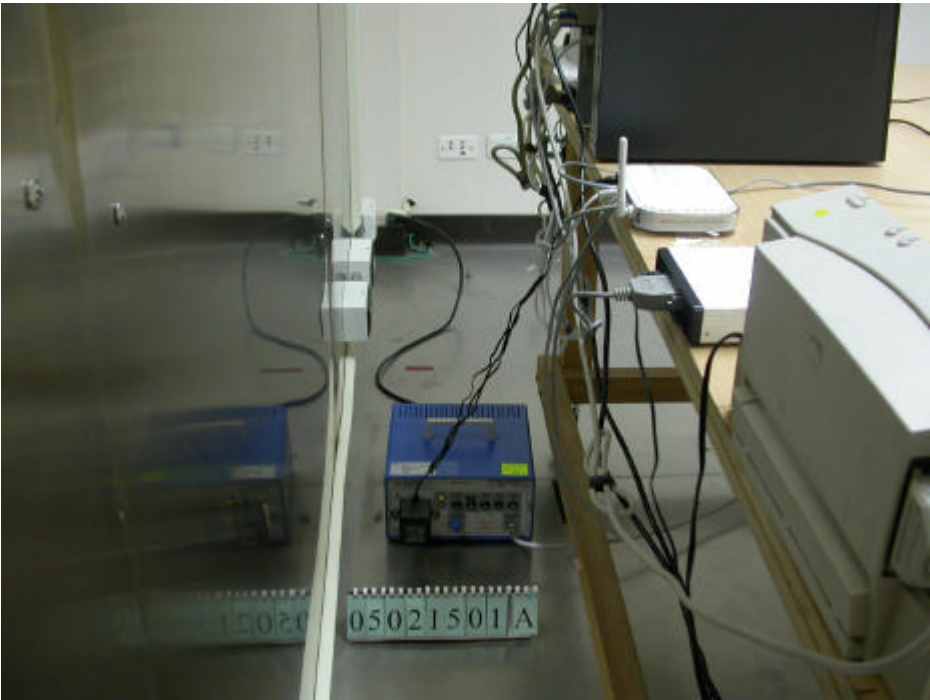


4.2.1. Photographs of Conducted Emission Test

Front View



Rear View



4.3. Test Result of Radiated emission

Test mode 1: Adaptor Model: AD-121A2

Emission frequencies below 1 GHz Channel HI

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
125.32	H	53.04	-15.28	37.76	43.5	-5.74	Q.P	138	1.0
250.23	H	55.89	-13.69	42.20	46.0	-3.80	Q.P	144	1.0
312.73	H	53.92	-11.29	42.63	46.0	-3.37	Q.P	194	1.0
375.41	H	53.68	-10.10	43.58	46.0	-2.42	Q.P	133	1.0
625.43	H	44.83	-6.08	38.75	46.0	-7.25	Peak	135	1.0
751.23	H	42.57	-4.18	38.39	46.0	-7.61	Peak	145	1.0
937.82	H	46.11	-2.39	43.72	46.0	-2.28	Q.P	186	1.0
125.42	V	52.64	-15.28	37.36	43.5	-6.14	Q.P	128	1.0
250.38	V	57.79	-13.69	44.10	46.0	-1.90	Q.P	135	1.0
312.87	V	53.18	-11.29	41.89	46.0	-4.11	Q.P	144	1.0
375.38	V	52.58	-10.10	42.48	46.0	-3.52	Q.P	126	1.0
501.49	V	50.79	-7.74	43.05	46.0	-2.95	Q.P	134	1.0
625.24	V	45.92	-6.08	39.84	46.0	-6.16	Q.P	168	1.0

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11b (11Mbps)

Emission frequencies above 1 GHz Channel LO

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1060.01	H	61.82	-6.09	55.73	74	-18.2	Peak	193	1.0
1060.01	H	50.98	-6.09	44.89	54	-9.11	Ave	193	1.0
1121.38	H	64.23	-5.65	58.58	74	-15.42	Peak	185	1.1
1121.38	H	53.77	-5.65	48.12	54	-5.88	Ave	185	1.1
1187.09	H	62.69	-5.19	57.50	74	-16.50	Peak	175	1.1
1187.09	H	53.44	-5.19	48.25	54	-5.75	Ave	175	1.1
1686.94	H	58.66	-1.91	56.75	74	-17.25	Peak	194	1.0
1686.94	H	48.91	-1.91	47.00	54	-7.00	Ave	194	1.0
4823.96	H	55.68	8.12	63.80	74	-10.20	Peak	194	1.0
4823.96	H	42.82	8.12	50.94	54	-3.06	Ave	194	1.0
7232.85	H	50.01	11.88	61.89	74	-12.11	Peak	187	1.0
7232.85	H	37.33	11.90	49.23	54	-4.77	Ave	187	1.0
9647.79	H	---	14.84	---	54	---	Ave	---	---
12059.68	H	---	15.84	---	54	---	Ave	---	---
1059.77	V	65.31	-6.59	58.72	74	-15.28	Peak	185	1.1
1059.77	V	55.72	-6.59	49.13	54	-4.87	Ave	185	1.1
1121.24	V	64.56	-6.15	58.41	74	-15.59	Peak	176	1.0
1121.24	V	54.55	-6.15	48.40	54	-5.60	Ave	176	1.0
1187.11	V	65.83	-5.69	60.14	74	-13.86	Peak	181	1.1
1187.11	V	54.58	-5.69	48.89	54	-5.11	Ave	181	1.1
2036.95	V	52.51	-0.67	51.84	74	-22.16	Peak	176	1.0
2036.95	V	44.32	-0.67	43.65	54	-10.35	Ave	176	1.0
4824.78	V	52.79	7.36	60.15	74	-13.85	Peak	188	1.1
4824.78	V	38.11	7.36	45.47	54	-8.53	Ave	188	1.1
7236.59	V	46.34	11.06	57.40	74	-16.60	Peak	181	1.0
7236.59	V	33.88	11.06	44.94	54	-9.06	Ave	181	1.0
9647.72	V	---	13.57	---	54	---	Ave	---	---
12059.84	V	---	15.93	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11b (11Mbps)

Emission frequencies above 1 GHz Channel MID

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1059.62	H	62.08	-6.09	55.99	74	-18.01	Peak	187	1.1
1059.62	H	51.22	-6.09	45.13	54	-8.87	Ave	187	1.1
1121.43	H	64.81	-5.65	59.16	74	-14.84	Peak	182	1.0
1121.43	H	54.32	-5.65	48.67	54	-5.33	Ave	182	1.0
1187.22	H	63.06	-5.19	57.87	74	-16.13	Peak	194	1.1
1187.22	H	53.89	-5.19	48.70	54	-5.30	Ave	194	1.1
1686.91	H	59.53	-1.91	57.62	74	-16.38	Peak	188	1.0
1686.91	H	49.48	-1.91	47.57	54	-6.43	Ave	188	1.0
2063.25	H	52.74	0.12	52.86	74	-21.14	Peak	209	1.0
2063.25	H	47.95	0.12	48.07	54	-5.93	Ave	209	1.0
4873.49	H	51.35	8.32	59.67	74	-14.33	Peak	172	1.0
4873.49	H	36.32	8.32	44.64	54	-9.36	Ave	172	1.0
7310.78	H	---	12.05	---	54	---	Ave	---	---
9747.72	H	---	14.71	---	54	---	Ave	---	---
12184.97	H	---	15.82	---	54	---	Ave	---	---
1059.92	V	65.47	-6.59	58.88	74	-15.12	Peak	196	1.1
1059.92	V	56.06	-6.59	49.47	54	-4.53	Ave	196	1.1
1121.42	V	64.75	-6.15	58.60	74	-15.40	Peak	186	1.0
1121.42	V	54.26	-6.15	48.11	54	-5.89	Ave	186	1.0
1187.25	V	65.93	-5.69	60.24	74	-13.76	Peak	190	1.1
1187.25	V	54.82	-5.69	49.13	54	-4.87	Ave	190	1.1
4871.78	V	52.68	7.54	60.22	74	-13.78	Peak	195	1.0
4871.78	V	37.34	7.54	44.88	54	-9.12	Ave	195	1.0
7309.82	V	48.13	11.14	59.27	74	-14.73	Peak	182	1.0
7309.82	V	34.53	11.14	45.67	54	-8.33	Ave	182	1.0
9747.74	V	---	13.66	---	54	---	Ave	---	---
12184.63	V	---	15.68	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11b (11Mbps)

Emission frequencies above 1 GHz Channel HI

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1059.89	H	62.45	-6.09	56.36	74	-17.64	Peak	188	1.1
1059.89	H	51.42	-6.09	45.33	54	-8.67	Ave	188	1.1
1121.42	H	64.88	-5.65	59.23	74	-14.77	Peak	177	1.0
1121.42	H	54.42	-5.65	48.77	54	-5.23	Ave	177	1.0
1187.36	H	63.33	-5.19	58.14	74	-15.86	Peak	183	1.0
1187.36	H	53.49	-5.19	48.30	54	-5.70	Ave	183	1.0
1686.94	H	59.68	-1.91	57.77	74	-16.23	Peak	171	1.1
1686.94	H	49.57	-1.91	47.66	54	-6.34	Ave	171	1.1
2306.24	H	53.96	0.96	54.92	74	-19.08	Peak	171	1.0
2306.24	H	44.07	0.96	45.03	54	-8.97	Ave	171	1.0
4923.84	H	---	8.51	---	54	---	Ave	---	---
7385.78	H	---	12.21	---	54	---	Ave	---	---
9847.59	H	---	14.78	---	54	---	Ave	---	---
12309.79	H	---	15.79	---	54	---	Ave	---	---
1059.87	V	66.18	-6.59	59.59	74	-14.41	Peak	184	1.1
1059.87	V	56.22	-6.59	49.63	54	-4.37	Ave	184	1.1
1121.32	V	64.85	-6.15	58.70	74	-15.30	Peak	183	1.0
1121.32	V	54.72	-6.15	48.57	54	-5.43	Ave	183	1.0
1187.13	V	66.34	-5.69	60.65	74	-13.35	Peak	191	1.0
1187.13	V	55.14	-5.69	49.45	54	-4.55	Ave	191	1.0
2307.79	V	57.86	0.25	58.11	74	-15.89	Peak	180	1.1
2307.79	V	48.22	0.27	48.49	54	-5.51	Ave	180	1.1
4925.73	V	54.92	7.72	62.64	74	-11.36	Peak	182	1.0
4925.73	V	40.17	7.73	47.90	54	-6.10	Ave	182	1.0
7389.25	V	50.33	11.23	61.56	74	-12.44	Peak	175	1.0
7389.25	V	36.92	11.23	48.15	74	-5.85	Ave	175	1.0
9847.63	V	---	13.75	---	54	---	Ave	---	---
12309.52	V	---	15.44	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11g (54Mbps)

Emission frequencies above 1 GHz Channel LO

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1059.82	H	61.22	-6.09	55.13	74	-18.87	Peak	187	1.0
1059.82	H	50.18	-6.09	44.09	54	-9.91	Ave	187	1.0
1121.64	H	64.39	-5.65	58.74	74	-15.26	Peak	182	1.0
1121.64	H	53.55	-5.65	47.90	54	-6.10	Ave	182	1.0
1187.38	H	62.57	-5.19	57.38	74	-16.62	Peak	194	1.1
1187.38	H	52.97	-5.19	47.78	54	-6.22	Ave	194	1.1
1687.14	H	58.53	-1.91	56.62	74	-17.38	Peak	188	1.1
1687.14	H	48.61	-1.91	46.70	54	-7.30	Ave	188	1.1
2037.68	H	48.43	0.03	48.46	54	-5.54	Ave	174	1.0
4821.93	H	48.11	8.12	56.23	74	-17.77	Peak	182	1.0
4821.93	H	32.69	8.12	40.81	54	-13.19	Ave	182	1.0
7335.84	H	---	11.89	---	54	---	Ave	---	---
9747.79	H	---	14.84	---	54	---	Ave	---	---
12059.96	H	---	15.84	---	54	---	Ave	---	---
1059.68	V	64.79	-6.59	58.20	74	-15.80	Peak	170	1.0
1059.68	V	55.62	-6.59	49.03	54	-4.97	Ave	170	1.0
1121.75	V	64.23	-6.15	58.08	74	-15.92	Peak	193	1.0
1121.75	V	54.17	-6.15	48.02	54	-5.98	Ave	193	1.0
1187.32	V	65.58	-5.69	59.89	74	-14.11	Peak	182	1.0
1187.32	V	54.41	-5.69	48.72	54	-5.28	Ave	182	1.0
2037.44	V	52.25	-0.67	51.58	74	-22.42	Peak	178	1.1
2037.44	V	44.88	-0.67	44.21	54	-9.79	Ave	178	1.1
4825.23	V	52.43	7.37	59.80	74	-14.20	Peak	191	1.1
4825.23	V	36.37	7.37	43.74	54	-10.26	Ave	191	1.1
7236.89	V	48.17	11.06	59.23	74	-14.77	Peak	186	1.1
7236.89	V	32.58	11.06	43.64	54	-10.36	Ave	186	1.1
9647.77	V	---	13.57	---	54	---	Ave	---	---
12059.83	V	---	15.93	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11g (54Mbps)

Emission frequencies above 1 GHz Channel MID

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1060.11	H	62.31	-6.09	56.22	74	-17.78	Peak	193	1.0
1060.11	H	51.43	-6.09	45.34	54	-8.66	Ave	193	1.0
1121.68	H	64.42	-5.65	58.77	74	-15.23	Peak	187	1.1
1121.68	H	53.48	-5.65	47.83	54	-6.17	Ave	187	1.1
1187.39	H	62.57	-5.19	57.38	74	-16.62	Peak	182	1.0
1187.39	H	53.19	-5.19	48.00	54	-6.00	Ave	182	1.0
1687.25	H	58.36	-1.91	56.45	74	-17.55	Peak	185	1.0
1687.25	H	48.91	-1.91	47.00	54	-7.00	Ave	185	1.0
2062.59	H	51.64	0.12	51.76	74	-22.24	Peak	182	1.1
2062.59	H	44.56	0.12	44.68	54	-9.32	Ave	182	1.1
4874.78	H	49.88	8.32	41.11	74	-15.80	Peak	183	1.0
4874.78	H	32.79	8.32	40.85	54	-12.89	Ave	183	1.0
7310.92	H	---	12.05	---	54	---	Ave	---	---
9747.84	H	---	14.71	---	54	---	Ave	---	---
12184.74	H	---	15.82	---	54	---	Ave	---	---
1059.82	V	65.84	-6.59	59.25	74	-14.75	Peak	180	1.0
1059.82	V	56.12	-6.59	49.53	54	-4.47	Ave	180	1.0
1187.46	V	65.27	-5.69	59.58	74	-14.42	Peak	181	1.1
1187.46	V	54.31	-5.69	48.62	54	-5.38	Ave	181	1.1
1121.38	V	64.45	-6.15	58.30	74	-15.70	Peak	195	1.1
1121.38	V	54.38	-6.15	48.23	54	-5.77	Ave	195	1.1
2062.89	V	52.61	-0.58	52.03	74	-21.97	Peak	185	1.0
2062.89	V	45.23	-0.58	44.65	54	-9.35	Ave	185	1.0
4872.34	V	50.64	7.54	58.18	74	-15.82	Peak	175	1.1
4872.34	V	34.48	7.54	42.02	54	-11.98	Ave	175	1.1
7310.94	V	---	11.14	---	54	---	Ave	---	---
9747.68	V	---	13.66	---	54	---	Ave	---	---
12184.97	V	---	15.68	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11g (54Mbps)

Emission frequencies above 1 GHz Channel HI

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1059.85	H	63.58	-6.09	57.49	74	-16.51	Peak	184	1.1
1059.85	H	52.44	-6.09	46.35	54	-7.65	Ave	184	1.1
1121.38	H	64.78	-5.65	59.13	74	-14.87	Peak	181	1.1
1121.38	H	54.53	-5.65	48.22	54	-5.12	Ave	181	1.1
1187.26	H	62.89	-5.19	57.70	74	-16.30	Peak	184	1.0
1187.26	H	54.21	-5.19	49.02	54	-4.98	Ave	184	1.0
1687.14	H	59.12	-1.91	57.21	74	-16.79	Peak	190	1.0
1687.14	H	49.22	-1.91	47.31	54	-6.69	Ave	190	1.0
2088.17	H	50.07	0.03	50.10	54	-3.90	Ave	210	1.0
4923.86	H	49.15	8.51	57.66	74	-16.34	Peak	191	1.0
4923.86	H	32.79	8.51	41.30	54	-12.70	Ave	191	1.0
7385.79	H	---	12.21	---	54	---	Ave	---	---
9847.83	H	---	14.78	---	54	---	Ave	---	---
12309.74	H	---	15.79	---	54	---	Ave	---	---
1059.92	V	64.39	-6.59	57.80	74	-16.20	Peak	186	1.1
1059.92	V	55.27	-6.59	48.68	54	-5.32	Ave	186	1.1
1121.58	V	63.48	-6.15	57.33	74	-16.67	Peak	181	1.0
1121.58	V	54.11	-6.15	47.96	54	-6.04	Ave	181	1.0
1187.46	V	65.26	-5.69	59.57	74	-14.43	Peak	184	1.0
1187.46	V	53.97	-5.69	48.28	54	-5.72	Ave	184	1.0
2087.93	V	52.22	-0.67	51.55	74	-22.45	Peak	209	1.1
2087.93	V	47.63	-0.67	46.96	54	-7.04	Ave	209	1.1
4924.15	V	52.17	7.72	59.89	74	-14.11	Peak	191	1.0
4924.15	V	36.84	7.72	44.56	54	-9.44	Ave	191	1.0
7385.73	V	---	11.23	---	54	---	Ave	---	---
9847.79	V	---	13.75	---	54	---	Ave	---	---
12309.98	V	---	15.44	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Test mode 2: Adaptor Model: DV-151A-1

Emission frequencies below 1 GHz Channel HI

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
125.02	H	52.69	-15.28	37.41	43.5	-6.09	Q.P	136	1.0
250.04	H	55.64	-13.69	41.95	46.0	-4.05	Q.P	143	1.0
312.54	H	53.63	-11.29	42.34	46.0	-3.66	Q.P	193	1.0
375.05	H	53.25	-10.10	43.15	46.0	-2.85	Q.P	130	1.0
625.06	H	44.66	-6.08	38.58	46.0	-7.42	Peak	134	1.0
750.82	H	42.17	-4.18	37.99	46.0	-8.01	Peak	143	1.0
937.59	H	45.78	-2.39	43.39	46.0	-2.61	Q.P	185	1.0
125.08	V	52.39	-15.28	37.11	43.5	-6.39	Q.P	127	1.0
250.09	V	57.44	-13.69	43.75	46.0	-2.25	Q.P	134	1.0
312.54	V	52.82	-11.29	41.53	46.0	-4.47	Q.P	143	1.0
375.08	V	52.37	-10.10	42.27	46.0	-3.73	Q.P	125	1.0
501.11	V	50.25	-7.74	42.51	46.0	-3.49	Q.P	133	1.0
625.07	V	45.47	-6.08	39.39	46.0	-6.61	Peak	167	1.0

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11b (11Mbps)

Emission frequencies above 1 GHz Channel LO

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1060.22	H	62.38	-6.09	56.29	74	-17.71	Peak	195	1.0
1060.22	H	51.42	-6.09	45.33	54	-8.67	Ave	195	1.0
1121.83	H	64.91	-5.65	59.26	74	-14.74	Peak	188	1.1
1121.83	H	54.29	-5.65	48.64	54	-5.36	Ave	188	1.1
1187.67	H	63.26	-5.19	58.07	74	-15.93	Peak	177	1.0
1187.67	H	53.73	-5.19	48.54	54	-5.46	Ave	177	1.0
1687.42	H	59.29	-1.91	57.38	74	-16.62	Peak	197	1.1
1687.42	H	49.42	-1.91	47.51	54	-6.49	Ave	197	1.1
4824.22	H	56.21	8.12	64.33	74	-967	Peak	197	1.0
4824.22	H	43.13	8.12	51.25	54	-2.75	Ave	197	1.0
7233.27	H	50.28	11.88	62.16	74	-11.84	Peak	185	1.0
7233.27	H	37.92	11.90	49.82	54	-4.18	Ave	185	1.0
9648.07	H	---	14.84	---	54	---	Ave	---	1.2
12060.08	H	---	15.84	---	54	---	Ave	---	1.2
1060.26	V	65.75	-6.59	59.16	74	-14.84	Peak	188	1.0
1060.26	V	56.15	-6.59	49.56	54	-4.44	Ave	188	1.0
1121.82	V	64.78	-6.15	58.63	74	-15.37	Peak	178	1.0
1121.82	V	54.82	-6.15	48.67	54	-5.33	Ave	178	1.0
1187.65	V	66.15	-5.69	60.46	74	-13.54	Peak	183	1.1
1187.65	V	54.97	-5.69	49.28	54	-4.72	Ave	183	1.1
2037.49	V	52.76	-0.67	52.09	74	-21.91	Peak	178	1.1
2037.49	V	44.84	-0.67	44.17	54	-9.83	Ave	178	1.1
4825.11	V	53.09	7.36	60.45	74	-13.55	Peak	192	1.0
4825.11	V	38.51	7.36	45.87	54	-8.13	Ave	192	1.0
7237.08	V	46.73	11.06	57.79	74	-16.21	Peak	183	1.0
7237.08	V	34.09	11.06	45.15	54	-8.85	Ave	1834	1.0
9648.04	V	---	13.57	---	54	---	Ave	---	---
12059.98	V	---	15.93	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11b (11Mbps)

Emission frequencies above 1 GHz Channel MID

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1060.22	H	62.55	-6.09	56.46	74	-17.54	Peak	186	1.1
1060.22	H	51.84	-6.09	45.75	54	-8.25	Ave	186	1.1
1121.86	H	65.22	-5.65	59.57	74	-14.43	Peak	200	1.1
1121.86	H	54.70	-5.65	49.05	54	-4.95	Ave	200	1.1
1187.66	H	63.64	-5.19	58.45	74	-15.55	Peak	197	1.0
1187.66	H	54.19	-5.19	49.00	54	-5.00	Ave	197	1.0
1687.42	H	59.76	-1.91	57.85	74	-16.15	Peak	194	1.0
1687.42	H	49.83	-1.91	47.92	54	-6.08	Ave	194	1.0
2063.81	H	53.28	0.12	53.40	74	-20.60	Peak	211	1.0
2063.81	H	48.43	0.12	48.55	54	-5.45	Ave	211	1.0
4873.84	H	51.81	8.32	60.13	74	-13.87	Peak	175	1.0
4873.84	H	36.64	8.32	44.96	54	-9.04	Ave	175	1.0
7311.04	H	---	12.05	---	54	---	Ave	---	---
9748.07	H	---	14.71	---	54	---	Ave	---	---
12185.06	H	---	15.82	---	54	---	Ave	---	---
1060.23	V	65.97	-6.59	59.38	74	-14.62	Peak	198	1.0
1060.23	V	56.59	-6.59	50.00	54	-4.00	Ave	198	1.0
1121.83	V	65.06	-6.15	58.91	74	-15.09	Peak	189	1.1
1121.83	V	54.97	-6.15	48.82	54	-5.18	Ave	189	1.1
1187.62	V	66.51	-5.69	60.82	74	-13.18	Peak	193	1.1
1187.62	V	55.22	-5.69	49.53	54	-4.47	Ave	193	1.1
4872.42	V	53.09	7.54	60.63	74	-13.37	Peak	197	1.1
4872.42	V	37.86	7.54	45.40	54	-8.60	Ave	197	1.1
7310.44	V	48.54	11.14	59.68	74	-14.32	Peak	185	1.0
7310.44	V	34.74	11.14	45.88	54	-8.12	Ave	185	1.0
9648.05	V	---	13.66	---	54	---	Ave	---	---
12185.03	V	---	15.68	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11b (11Mbps)

Emission frequencies above 1 GHz Channel HI

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1060.25	H	62.88	-6.09	56.79	74	-17.21	Peak	190	1.1
1060.25	H	51.97	-6.09	45.88	54	-8.12	Ave	190	1.1
1121.93	H	65.41	-5.65	59.76	74	-14.24	Peak	180	1.0
1121.93	H	54.96	-5.65	49.31	54	-4.69	Ave	180	1.0
1187.64	H	63.81	-5.19	58.62	74	-15.38	Peak	185	1.1
1187.64	H	54.28	-5.19	49.09	54	-4.91	Ave	185	1.1
1687.52	H	59.92	-1.91	58.01	74	-15.99	Peak	173	1.1
1687.52	H	49.81	-1.91	47.90	54	-6.10	Ave	173	1.1
2306.49	H	54.47	0.96	55.43	74	-18.57	Peak	173	1.0
2306.49	H	44.58	0.96	45.54	54	-8.46	Ave	173	1.0
4924.19	H	---	8.51	---	54	---	Ave	---	---
7386.13	H	---	12.21	---	54	---	Ave	---	---
9848.07	H	---	14.78	---	54	---	Ave	---	---
12310.15	H	---	15.79	---	54	---	Ave	---	---
1060.24	V	66.35	-6.59	59.76	74	-14.24	Peak	187	1.1
1060.24	V	56.47	-6.59	49.88	54	-4.12	Ave	187	1.1
1121.88	V	65.12	-6.15	58.97	74	-15.03	Peak	186	1.1
1121.88	V	55.17	-6.15	49.02	54	-4.98	Ave	186	1.1
1187.72	V	66.58	-5.69	60.89	74	-13.11	Peak	193	1.1
1187.72	V	55.51	-5.69	49.82	54	-4.18	Ave	193	1.1
2308.11	V	58.11	0.25	58.36	74	-15.64	Peak	182	1.0
2308.11	V	48.56	0.27	48.83	54	-5.17	Ave	182	1.0
4926.02	V	55.21	7.72	62.93	74	-11.07	Peak	185	1.0
4926.02	V	40.69	7.73	48.42	54	-5.58	Ave	185	1.0
7389.63	V	50.55	11.23	61.78	74	-12.22	Peak	178	1.0
7389.63	V	37.37	11.23	48.60	54	-5.40	Ave	178	1.0
9848.03	V	---	13.75	---	54	---	Ave	---	---
12310.05	V	---	15.44	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11g (54Mbps)

Emission frequencies above 1 GHz Channel LO

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1060.27	H	61.34	-6.09	55.25	74	-18.75	Peak	187	1.1
1060.27	H	50.40	-6.09	44.31	54	-9.69	Ave	187	1.1
1121.94	H	64.61	-5.65	58.96	74	-15.04	Peak	185	1.0
1121.94	H	53.78	-5.65	48.13	54	-5.87	Ave	185	1.0
1187.76	H	62.82	-5.19	57.63	74	-16.37	Peak	194	1.0
1187.76	H	52.32	-5.19	47.13	54	-6.87	Ave	194	1.0
1687.41	H	58.77	-1.91	56.86	74	-17.14	Peak	188	1.1
1687.41	H	48.84	-1.91	46.93	54	-7.07	Ave	188	1.1
2037.83	H	49.02	0.03	49.05	54	-4.95	Ave	175	1.0
4822.37	H	48.43	8.12	56.55	74	-17.45	Peak	183	1.0
4822.37	H	32.86	8.12	40.98	54	-13.02	Ave	183	1.0
7236.12	H	---	11.89	---	54	---	Ave	---	---
9648.12	H	---	14.84	---	54	---	Ave	---	---
12060.04	H	---	15.84	---	54	---	Ave	---	---
1060.28	V	65.33	-6.59	58.74	74	-15.26	Peak	171	1.0
1060.28	V	55.81	-6.59	49.22	54	-4.78	Ave	171	1.0
1121.95	V	64.42	-6.15	58.27	74	-15.74	Peak	195	1.1
1121.95	V	54.36	-6.15	48.21	54	-5.79	Ave	195	1.1
1187.74	V	65.79	-5.69	60.10	74	-13.90	Peak	183	1.0
1187.74	V	54.65	-5.69	48.96	54	-5.04	Ave	183	1.0
2037.86	V	52.47	-0.67	51.80	74	-22.20	Peak	178	1.1
2037.86	V	45.32	-0.67	44.65	54	-9.35	Ave	178	1.1
4825.83	V	52.82	7.37	60.19	74	-13.18	Peak	193	1.1
4825.83	V	36.68	7.37	44.05	54	-9.95	Ave	193	1.1
7237.22	V	48.41	11.06	59.47	74	-14.53	Peak	188	1.1
7237.22	V	32.94	11.06	44.00	54	-10.00	Ave	188	1.1
9648.14	V	---	13.57	---	54	---	Ave	---	---
12060.07	V	---	15.93	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11g (54Mbps)

Emission frequencies above 1 GHz Channel MID

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1060.24	H	62.46	-6.09	56.37	74	-17.63	Peak	193	1.0
1060.24	H	51.61	-6.09	45.52	54	-8.48	Ave	193	1.0
1122.05	H	64.56	-5.65	58.91	74	-15.09	Peak	189	1.1
1122.05	H	53.79	-5.65	48.14	54	-5.86	Ave	189	1.1
1187.74	H	63.02	-5.19	57.83	74	-16.17	Peak	184	1.1
1187.74	H	53.52	-5.19	48.33	54	-5.67	Ave	184	1.1
1687.53	H	58.87	-1.91	56.96	74	-17.04	Peak	187	1.1
1687.53	H	49.13	-1.91	47.22	54	-6.78	Ave	187	1.1
2063.04	H	51.85	0.12	51.97	74	-22.03	Peak	182	1.0
2063.04	H	44.91	0.12	45.03	54	-8.97	Ave	182	1.0
4875.12	H	50.18	8.32	58.50	74	-15.50	Peak	185	1.0
4875.12	H	33.23	8.32	41.55	54	-12.45	Ave	185	1.0
7311.06	H	---	12.05	---	54	---	Ave	---	---
9748.04	H	---	14.71	---	54	---	Ave	---	---
12185.13	H	---	15.82	---	54	---	Ave	---	---
1060.26	V	60.04	-6.59	59.45	74	-14.55	Peak	180	1.0
1060.26	V	56.34	-6.59	49.75	54	-4.25	Ave	180	1.0
1121.89	V	64.66	-6.15	58.51	74	-15.49	Peak	197	1.0
1121.89	V	54.62	-6.15	48.47	54	-5.53	Ave	197	1.0
1187.66	V	65.81	-5.69	60.12	74	-13.88	Peak	182	1.1
1187.66	V	54.82	-5.69	49.13	54	-4.87	Ave	182	1.1
2063.03	V	52.83	-0.58	52.25	74	-21.75	Peak	185	1.0
2063.03	V	45.65	-0.58	45.07	54	-8.93	Ave	185	1.0
4872.44	V	51.19	7.54	58.73	74	-15.27	Peak	175	1.1
4872.44	V	34.68	7.54	42.22	54	-11.78	Ave	175	1.1
7311.08	V	---	11.14	---	54	---	Ave	---	---
9748.18	V	---	13.66	---	54	---	Ave	---	---
12185.12	V	---	15.68	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11g (54Mbps)

Emission frequencies above 1 GHz Channel HI

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1060.36	H	67.76	-6.09	61.67	74	-12.33	Peak	186	1.1
1060.36	H	52.72	-6.09	46.63	54	-7.37	Ave	186	1.1
1122.08	H	65.11	-5.65	59.46	74	-14.54	Peak	181	1.0
1122.08	H	54.74	-5.65	49.09	54	-4.91	Ave	181	1.0
1187.76	H	63.28	-5.19	58.09	74	-15.91	Peak	184	1.1
1187.76	H	54.64	-5.19	49.45	54	-4.55	Ave	184	1.1
1687.48	H	59.33	-1.91	57.42	74	-16.58	Peak	192	1.0
1687.48	H	49.42	-1.91	47.51	54	-6.49	Ave	192	1.0
2088.53	H	50.25	0.03	50.28	54	-3.72	Ave	212	1.0
4924.17	H	49.43	8.51	57.94	74	-16.06	Peak	191	1.0
4924.17	H	33.29	8.51	41.80	54	-12.20	Ave	191	1.0
7386.08	H	---	12.21	---	54	---	Ave	---	---
9848.12	H	---	14.78	---	54	---	Ave	---	---
12310.17	H	---	15.79	---	54	---	Ave	---	---
1060.24	V	64.78	-6.59	58.19	74	-15.81	Peak	186	1.0
1060.24	V	55.54	-6.59	48.95	54	-5.05	Ave	186	1.0
1121.91	V	63.87	-6.15	57.72	74	-16.28	Peak	183	1.0
1121.91	V	54.32	-6.15	48.17	54	-5.83	Ave	183	1.0
1187.63	V	65.37	-5.69	59.68	74	-14.32	Peak	186	1.1
1187.63	V	54.34	-5.69	48.65	54	-5.35	Ave	186	1.1
2088.09	V	52.65	-0.67	51.98	74	-22.02	Peak	209	1.1
2088.09	V	47.91	-0.67	47.24	54	-6.76	Ave	209	1.1
4924.34	V	52.64	7.72	60.36	74	-13.64	Peak	191	1.1
4924.34	V	37.19	7.72	44.91	54	-9.09	Ave	191	1.1
7386.13	V	---	11.23	---	54	---	Ave	---	---
9848.07	V	---	13.75	---	54	---	Ave	---	---
12310.02	V	---	15.44	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Test mode 3: Adaptor Model: 481212003CT

Emission frequencies below 1 GHz Channel HI

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
125.34	H	52.83	-15.28	37.55	43.5	-5.95	Q.P	137	1.0
250.31	H	55.76	-13.69	42.07	46.0	-3.93	Q.P	145	1.0
312.78	H	53.84	-11.29	42.55	46.0	-3.45	Q.P	195	1.0
375.44	H	53.61	-10.10	43.51	46.0	-2.49	Q.P	131	1.0
625.35	H	44.82	-6.08	38.74	46.0	-7.26	Peak	136	1.0
751.28	H	42.33	-4.18	38.15	46.0	-7.85	Peak	145	1.0
937.64	H	45.97	-2.39	43.58	46.0	-2.42	Q.P	186	1.0
125.38	V	52.62	-15.28	37.34	43.5	-6.16	Q.P	129	1.0
250.29	V	57.81	-13.69	44.12	46.0	-1.88	Q.P	136	1.0
312.84	V	52.96	-11.29	41.67	46.0	-4.33	Q.P	145	1.0
375.42	V	52.57	-10.10	42.47	46.0	-3.53	Q.P	127	1.0
501.43	V	50.46	-7.74	42.72	46.0	-3.28	Q.P	134	1.0
625.37	V	45.67	-6.08	39.59	46.0	-6.41	Peak	168	1.0

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11b (11Mbps)

Emission frequencies above 1 GHz Channel LO

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1060.39	H	62.68	-6.09	56.59	74	-17.41	Peak	197	1.1
1060.39	H	51.64	-6.09	45.55	54	-8.45	Ave	197	1.1
1122.18	H	65.06	-5.65	59.41	74	-14.59	Peak	189	1.1
1122.18	H	54.57	-5.65	48.92	54	-5.08	Ave	189	1.1
1187.85	H	63.59	-5.19	58.40	74	-15.60	Peak	179	1.0
1187.85	H	53.93	-5.19	48.74	54	-5.26	Ave	179	1.0
1687.78	H	59.55	-1.91	57.64	74	-16.36	Peak	198	1.1
1687.78	H	49.81	-1.91	47.90	54	-6.10	Ave	198	1.1
4824.69	H	56.52	8.12	64.64	74	-9.36	Peak	199	1.0
4824.69	H	43.38	8.12	51.50	54	-2.50	Ave	199	1.0
7233.47	H	50.49	11.88	62.37	74	-11.63	Peak	186	1.0
7233.47	H	38.16	11.90	50.06	54	-3.94	Ave	186	1.0
9648.32	H	---	14.84	---	54	---	Ave	---	1.1
12060.29	H	---	15.84	---	54	---	Ave	---	1.1
1060.42	V	65.87	-6.59	59.28	74	-14.72	Peak	189	1.0
1060.42	V	56.48	-6.59	49.89	54	-4.11	Ave	189	1.0
1122.23	V	65.08	-6.15	58.93	74	-15.07	Peak	180	1.0
1122.23	V	55.11	-6.15	48.96	54	-5.04	Ave	180	1.0
1187.92	V	66.39	-5.69	60.70	74	-13.30	Peak	185	1.1
1187.92	V	55.26	-5.69	49.57	54	-4.43	Ave	185	1.1
2037.69	V	52.84	-0.67	52.17	74	-21.83	Peak	179	1.0
2037.69	V	44.95	-0.67	44.28	54	-9.72	Ave	179	1.0
4825.43	V	53.38	7.36	60.74	74	-13.26	Peak	194	1.0
4825.43	V	38.73	7.36	46.09	54	-7.91	Ave	194	1.0
7237.35	V	47.12	11.06	58.18	74	-15.82	Peak	185	1.1
7237.35	V	34.32	11.06	45.38	54	-8.62	Ave	185	1.1
9648.57	V	---	13.57	---	54	---	Ave	---	---
12060.47	V	---	15.93	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11b (11Mbps)

Emission frequencies above 1 GHz Channel MID

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1060.58	H	62.92	-6.09	56.83	74	-17.17	Peak	188	1.1
1060.58	H	52.29	-6.09	46.20	54	-7.80	Ave	188	1.1
1122.15	H	65.77	-5.65	60.12	74	-13.88	Peak	201	1.0
1122.15	H	55.06	-5.65	49.41	54	-4.59	Ave	201	1.0
1187.82	H	64.07	-5.19	58.88	74	-15.12	Peak	198	1.0
1187.82	H	54.36	-5.19	49.17	54	-4.83	Ave	198	1.0
1687.93	H	60.12	-1.91	58.21	74	-15.79	Peak	195	1.1
1687.93	H	50.27	-1.91	48.36	54	-5.64	Ave	195	1.1
2064.31	H	53.57	0.12	53.69	74	-20.31	Peak	213	1.1
2064.31	H	48.87	0.12	48.99	54	-5.01	Ave	213	1.1
4974.35	H	52.32	8.32	60.64	74	-13.36	Peak	177	1.0
4974.35	H	36.73	8.32	45.05	54	-8.95	Ave	177	1.0
7311.38	H	---	12.05	---	54	---	Ave	---	---
9748.47	H	---	14.71	---	54	---	Ave	---	---
12185.41	H	---	15.82	---	54	---	Ave	---	---
1060.72	V	66.26	-6.59	59.67	74	-14.33	Peak	198	1.0
1060.72	V	56.76	-6.59	50.17	54	-3.83	Ave	198	1.0
1122.25	V	65.44	-6.15	59.29	74	-17.71	Peak	190	1.1
1122.25	V	55.69	-6.15	49.54	54	-4.46	Ave	190	1.1
1188.12	V	66.85	-5.69	61.16	74	-12.84	Peak	195	1.0
1188.12	V	55.57	-5.69	49.88	54	-4.12	Ave	195	1.0
4872.84	V	53.43	7.54	60.97	74	-13.03	Peak	199	1.1
4872.84	V	38.14	7.54	45.68	54	-8.32	Ave	199	1.1
7310.68	V	48.79	11.14	59.93	74	-14.07	Peak	187	1.1
7310.68	V	35.16	11.14	46.30	54	-7.70	Ave	187	1.1
9748.43	V	---	13.66	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11b (11Mbps)

Emission frequencies above 1 GHz Channel HI

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1060.51	H	63.18	-6.09	57.09	74	-16.91	Peak	191	1.0
1060.51	H	52.37	-6.09	46.28	54	-7.72	Ave	191	1.0
1122.13	H	65.91	-5.65	60.26	74	-13.74	Peak	181	1.0
1122.13	H	55.09	-5.65	49.44	54	-4.56	Ave	181	1.0
1187.91	H	63.98	-5.19	58.79	74	-15.21	Peak	187	1.1
1187.91	H	54.45	-5.19	59.64	54	-4.74	Ave	187	1.1
1687.53	H	60.11	-1.91	58.20	74	-15.80	Peak	175	1.1
1687.53	H	49.87	-1.91	47.96	54	-6.04	Ave	175	1.1
2306.69	H	54.87	0.96	55.83	74	-18.17	Peak	175	1.0
2306.69	H	44.73	0.96	45.69	54	-8.31	Ave	175	1.0
4924.18	H	---	8.51	---	54	---	Ave	---	---
7386.22	H	---	12.21	---	54	---	Ave	---	---
9848.34	H	---	14.78	---	54	---	Ave	---	---
12310.19	H	---	15.79	---	54	---	Ave	---	---
1060.51	V	66.58	-6.59	59.99	74	-14.01	Peak	188	1.1
1060.51	V	56.79	-6.59	50.20	54	-3.80	Ave	188	1.1
1122.35	V	65.27	-6.15	59.12	74	-14.88	Peak	187	1.0
1122.35	V	55.42	-6.15	49.27	54	-4.73	Ave	187	1.0
1187.94	V	66.93	-5.69	61.24	74	-12.76	Peak	194	1.0
1187.94	V	56.33	-5.69	50.64	54	-3.36	Ave	194	1.0
2306.69	V	54.87	0.96	55.83	74	-18.17	Peak	175	1.0
2306.69	V	44.73	0.96	45.69	54	-8.31	Ave	175	1.0
4824.18	V	---	8.51	---	54	---	Ave	---	---
7386.22	V	---	12.21	---	54	---	Ave	---	---
9848.36	V	---	14.78	---	54	---	Ave	---	---
12310.19	V	---	15.79	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11g (54Mbps)

Emission frequencies above 1 GHz Channel LO

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBUV)	Corrected Factor (dB)	Result@3m (dBUV/m)	Limit@3m (dBUV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1060.42	H	61.53	-6.09	55.44	74	-18.56	Peak	190	1.1
1060.42	H	50.66	-6.09	44.57	54	-9.43	Ave	190	1.1
1122.28	H	64.81	-5.65	59.16	74	-14.84	Peak	186	1.0
1122.28	H	53.95	-5.65	48.30	54	-5.70	Ave	186	1.0
1187.92	H	63.02	-5.19	57.83	74	-16.17	Peak	197	1.0
1187.92	H	53.47	-5.19	48.28	54	-5.72	Ave	197	1.0
1687.74	H	59.07	-1.91	57.16	74	-16.84	Peak	190	1.1
1687.74	H	49.12	-1.91	47.21	54	-6.79	Ave	190	1.1
2038.16	H	49.46	0.03	49.49	54	-4.51	Ave	178	1.0
4822.63	H	49.19	8.12	57.31	74	-16.69	Peak	187	1.0
4822.63	H	33.35	8.12	41.47	54	-12.53	Ave	187	1.0
7236.43	H	---	11.89	---	54	---	Ave	---	---
9648.29	H	---	14.84	---	54	---	Ave	---	---
12060.18	H	---	15.84	---	54	---	Ave	---	---
1060.51	V	65.71	-6.59	59.12	74	-14.88	Peak	175	1.0
1060.51	V	55.93	-6.59	49.34	54	-4.66	Ave	175	1.0
1122.33	V	64.58	-6.15	58.43	74	-15.57	Peak	196	1.1
1122.33	V	54.71	-6.15	48.56	54	-5.44	Ave	196	1.1
1187.95	V	66.02	-5.69	60.33	74	-13.67	Peak	186	1.1
1187.95	V	54.75	-5.69	49.06	54	-4.94	Ave	186	1.1
4826.14	V	53.08	7.37	60.45	74	-13.55	Peak	194	1.1
4826.14	V	36.82	7.37	44.19	54	-9.81	Ave	194	1.1
7237.53	V	48.53	11.06	59.59	74	-14.41	Peak	189	1.1
7237.53	V	33.27	11.06	44.33	54	-9.67	Ave	189	1.1
9648.22	V	---	13.57	---	54	---	Ave	---	---
12060.17	V	---	15.93	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11g (54Mbps)

Emission frequencies above 1 GHz Channel MID

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1060.54	H	62.78	-6.09	56.69	74	-17.31	Peak	196	1.1
1060.54	H	51.64	-6.09	45.55	54	-8.45	Ave	196	1.1
1122.16	H	64.85	-5.65	59.20	74	-14.80	Peak	190	1.1
1122.16	H	53.93	-5.65	48.28	54	-5.72	Ave	190	1.1
1187.88	H	63.28	-5.19	58.09	74	-15.91	Peak	185	1.0
1187.88	H	53.66	-5.19	48.47	54	-5.53	Ave	185	1.0
1687.59	H	59.12	-1.91	57.21	74	-16.79	Peak	187	1.0
1687.59	H	49.32	-1.91	47.41	54	-6.59	Ave	187	1.0
2063.48	H	52.16	0.12	52.28	74	-21.72	Peak	185	1.0
2063.48	H	44.95	0.12	45.07	54	-8.93	Ave	185	1.0
4875.33	H	50.33	8.32	58.65	74	-15.35	Peak	187	1.0
4875.33	H	33.41	8.32	41.73	54	-12.27	Ave	187	1.0
7311.18	H	---	12.05	---	54	---	Ave	---	---
9748.35	H	---	14.71	---	54	---	Ave	---	---
12185.21	H	---	15.82	---	54	---	Ave	---	---
1060.53	V	66.39	-6.59	59.80	74	-14.20	Peak	183	1.0
1060.53	V	56.75	-6.59	50.16	54	-3.84	Ave	183	1.0
1122.05	V	64.78	-6.15	58.72	74	-15.28	Peak	198	1.0
1122.05	V	54.69	-6.15	48.54	54	-5.46	Ave	198	1.0
1187.77	V	65.91	-5.69	60.22	74	-13.78	Peak	185	1.0
1187.77	V	55.14	-5.69	49.45	54	-4.55	Ave	185	1.0
2063.38	V	53.08	-0.58	52.50	74	-21.50	Peak	187	1.1
2063.38	V	45.73	-0.58	45.15	54	-8.85	Ave	187	1.1
4872.79	V	51.43	7.54	58.97	74	-15.03	Peak	178	1.1
4872.79	V	34.87	7.54	42.41	54	-11.59	Ave	178	1.1
7311.42	V	---	11.14	---	54	---	Ave	---	---
9748.27	V	---	13.66	---	54	---	Ave	---	---
12185.41	V	---	15.68	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

Modulation Standard: IEEE 802.11g (54Mbps)

Emission frequencies above 1 GHz Channel HI

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032mmHg

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1060.42	H	64.01	-6.09	57.92	74	-16.08	Peak	187	1.0
1060.42	H	52.94	-6.09	46.85	54	-7.15	Ave	187	1.0
1121.94	H	65.37	-5.65	59.72	74	-14.28	Peak	184	1.1
1121.94	H	54.88	-5.65	49.23	54	-4.77	Ave	184	1.1
1187.84	H	63.39	-5.19	58.20	74	-15.80	Peak	187	1.1
1187.84	H	54.64	-5.19	49.45	54	-4.55	Ave	187	1.1
1687.63	H	59.66	-1.91	57.75	74	-16.25	Peak	193	1.0
1687.63	H	49.77	-1.91	47.86	54	-6.14	Ave	193	1.0
2088.57	H	50.43	0.33	50.46	54	-3.54	Ave	212	1.0
4924.32	H	49.53	8.51	58.04	74	-15.96	Peak	194	1.0
4924.32	H	33.32	8.51	41.83	54	-12.17	Ave	194	1.0
7386.21	H	---	12.21	---	54	---	Ave	---	---
9848.12	H	---	14.78	---	54	---	Ave	---	---
12310.27	H	---	15.79	---	54	---	Ave	---	---
1060.43	V	65.05	-6.59	58.46	74	-15.54	Peak	189	1.1
1060.43	V	55.81	-6.59	49.22	54	-4.78	Ave	189	1.1
1122.11	V	63.98	-6.15	57.83	74	-16.17	Peak	184	1.0
1122.11	V	54.53	-6.15	48.38	54	-5.62	Ave	184	1.0
1187.85	V	65.69	-5.69	60.00	74	-14.00	Peak	187	1.0
1187.85	V	54.62	-5.69	48.93	54	-5.07	Ave	187	1.0
2088.11	V	52.89	-0.67	52.22	74	-21.78	Peak	212	1.0
2088.11	V	48.26	-0.67	47.59	54	-6.41	Ave	212	1.0
4924.63	V	53.28	7.72	61.00	74	-13.00	Peak	194	1.1
4924.63	V	37.91	7.72	45.63	54	-8.37	Ave	194	1.1
7386.15	V	---	11.23	---	54	---	Ave	---	---
9848.26	V	---	13.75	---	54	---	Ave	---	---
12310.09	V	---	15.44	---	54	---	Ave	---	---

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz and video bandwidth is 300 kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.

4.3.1. Photographs of Radiated Emission Test

Front View



Rear View



4.4. 6dB Bandwidth Measurement Data

(1) Modulation Standard: IEEE 802.11b (11Mbps)

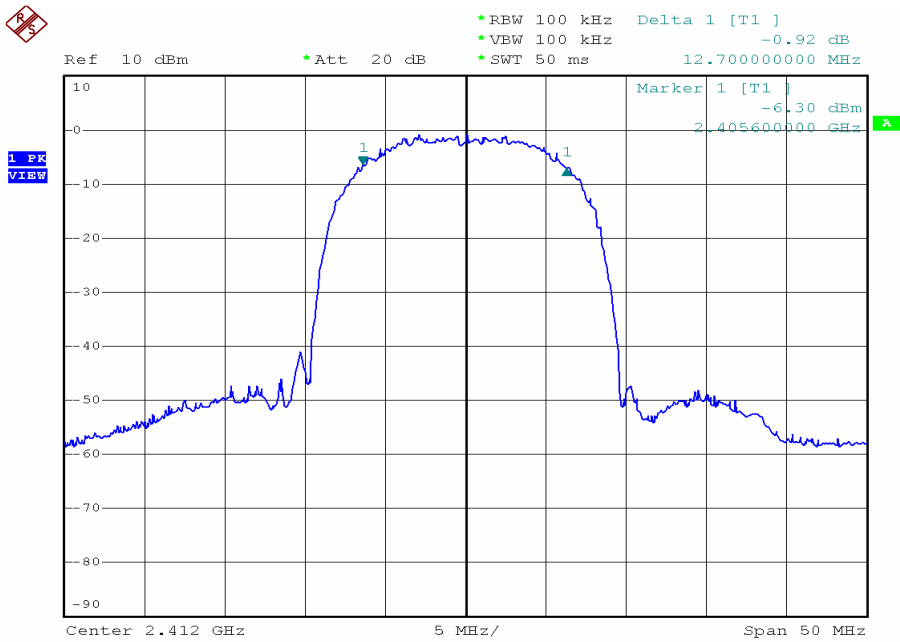
Test Date: Feb. 25, 2005 Temperature: 23 Humidity: 69% Atmospheric pressure: 1024mmHg

Channel	Frequency (MHz)	6dB Bandwidth (MHz)
01	2412	12.7
06	2437	12.7
11	2462	12.7

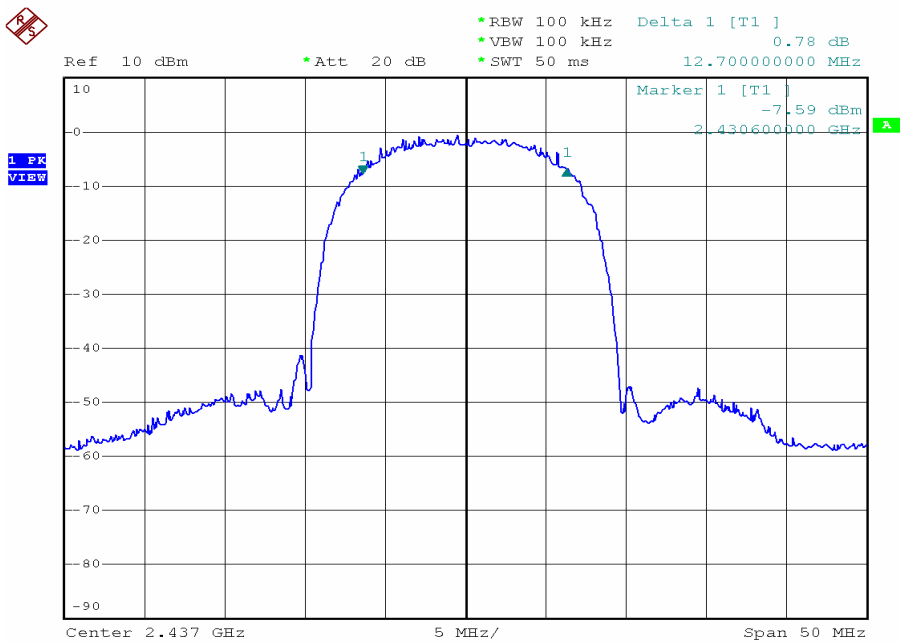
(2) Modulation Standard: IEEE 802.11g (6Mbps)

Test Date: Feb. 25, 2005 Temperature: 23 Humidity: 69% Atmospheric pressure: 1024mmHg

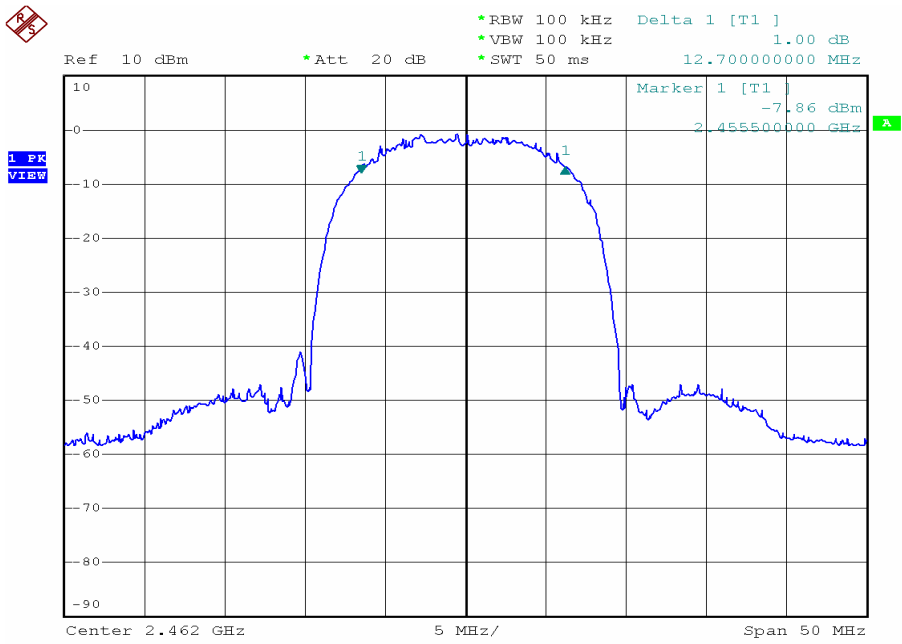
Channel	Frequency (MHz)	6dB Bandwidth (MHz)
01	2412	16.6
06	2437	16.6
11	2462	16.6



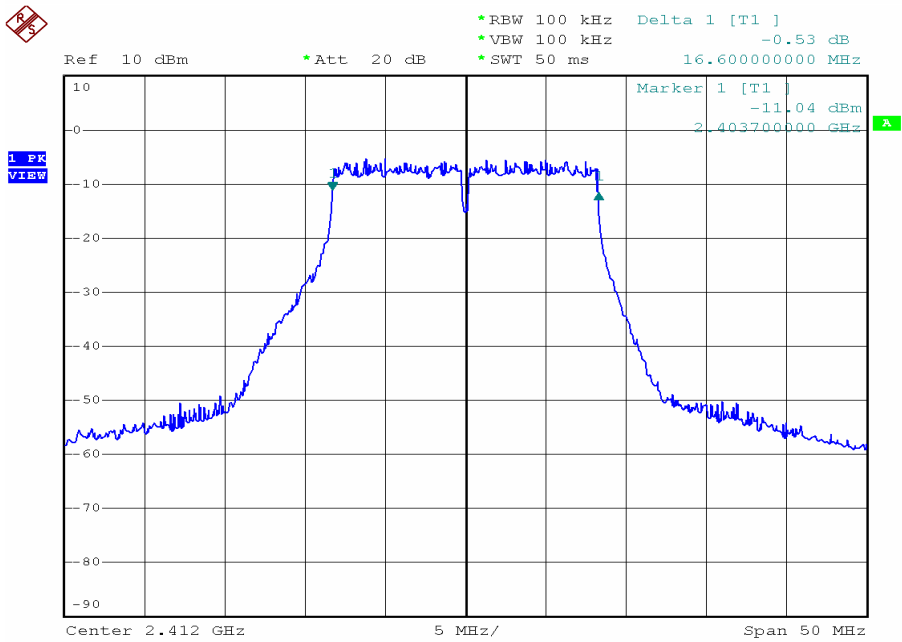
Date: 25.FEB.2005 11:44:57



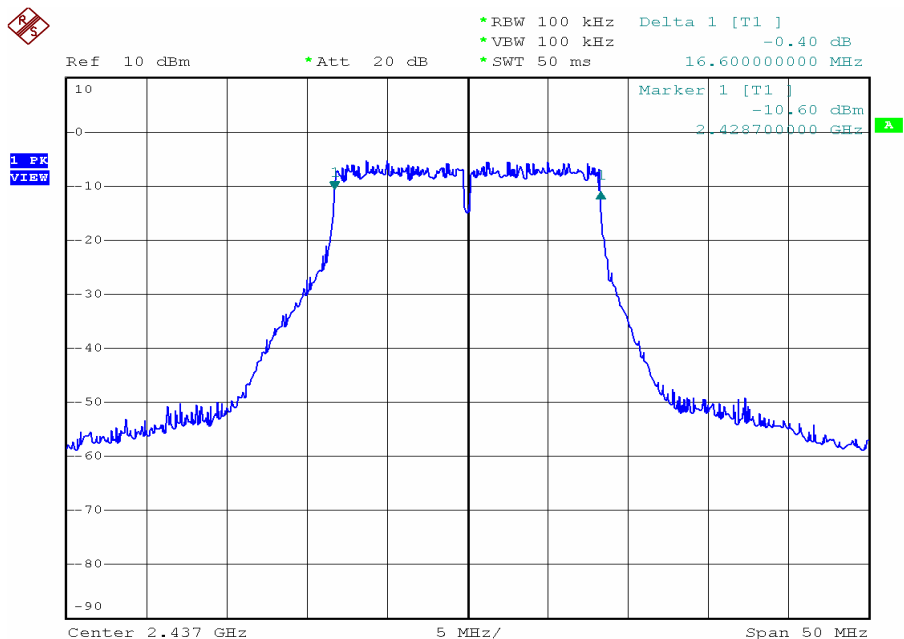
Date: 25.FEB.2005 11:47:30



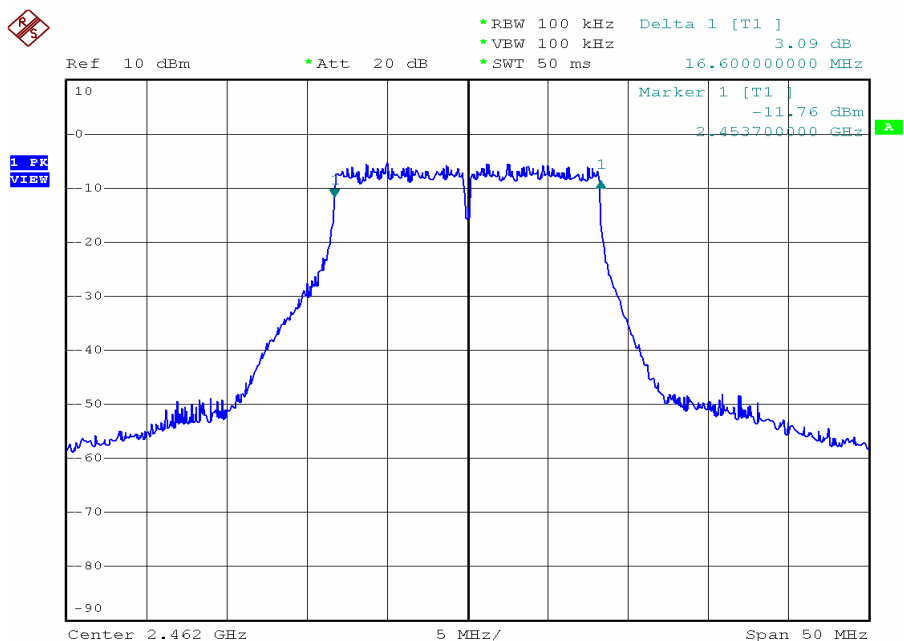
Date: 25.FEB.2005 11:50:47



Date: 25.FEB.2005 11:53:14



Date: 25.FEB.2005 11:56:18



Date: 25.FEB.2005 11:59:03

4.5. Peak Output Power Measurement Data

(1) Modulation Standard: IEEE 802.11b (11Mbps)

Test Date: Feb. 25, 2005 Temperature: 23 Humidity: 69% Atmospheric pressure: 1024mmHg

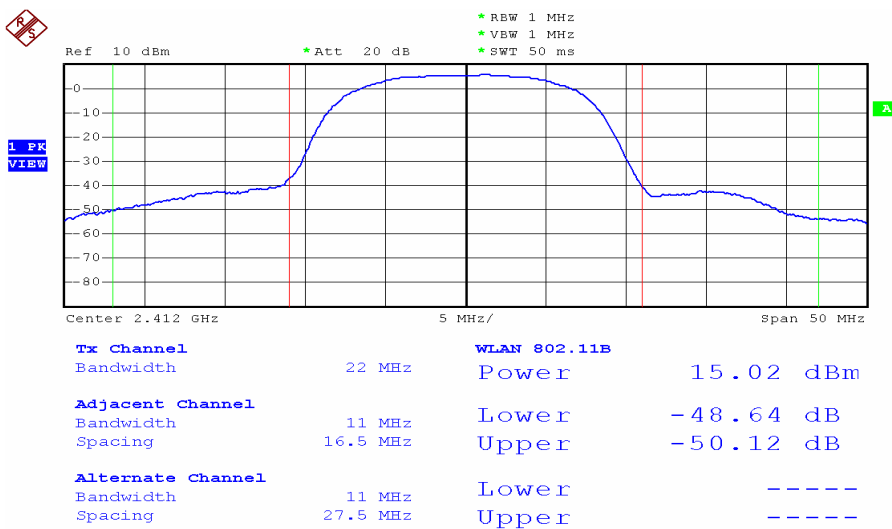
Channel	Frequency (MHz)	Peak Power Output (dBm)	Peak Power Output (mW)
01	2412	15.02	31.769
06	2437	15.08	32.211
11	2462	15.17	32.885

(2) Modulation Standard: IEEE 802.11g (6Mbps)

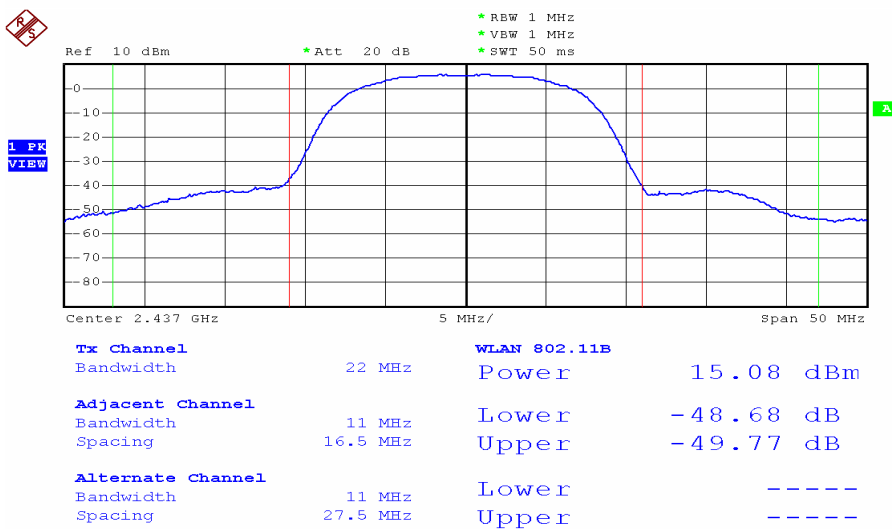
Test Date: Feb. 25, 2005 Temperature: 23 Humidity: 69% Atmospheric pressure: 1024mmHg

Channel	Frequency (MHz)	Peak Power Output (dBm)	Peak Power Output (mW)
01	2412	15.41	34.754
06	2437	15.47	35.237
11	2462	15.49	35.400

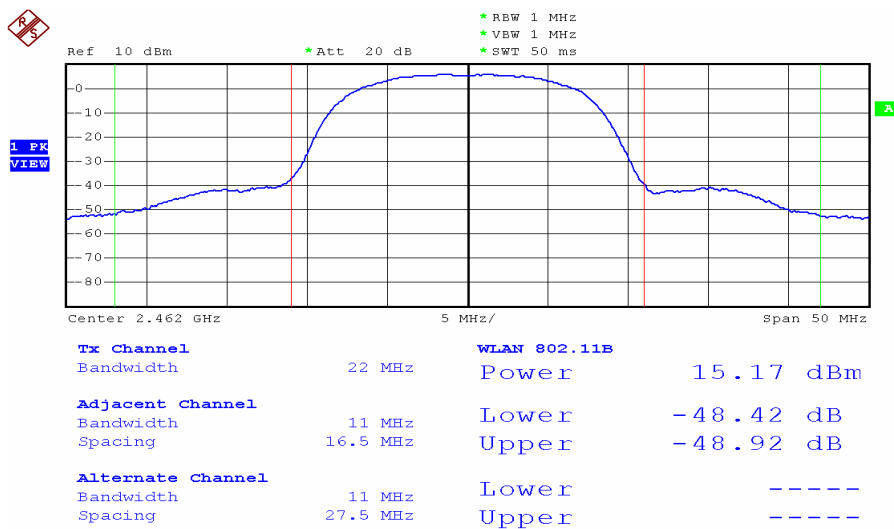
Note: Conducted Power = Reading Value + Cable Loss



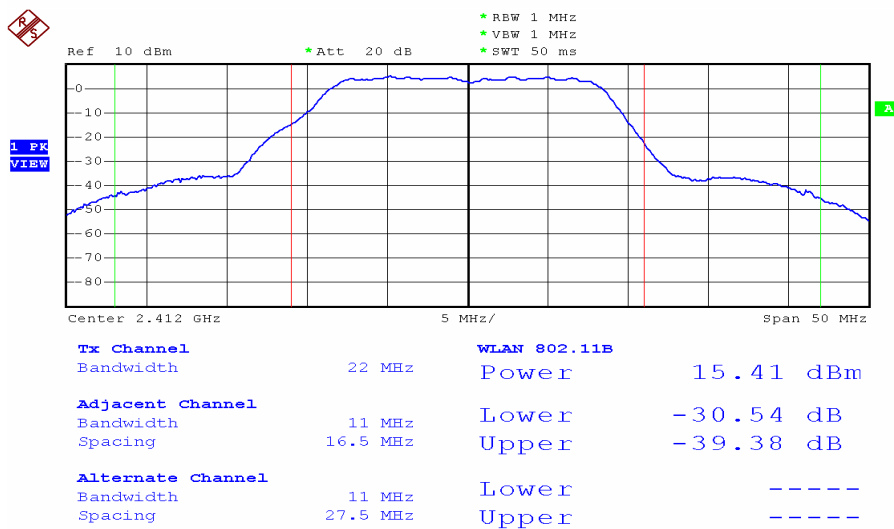
Date: 25.FEB.2005 15:38:49



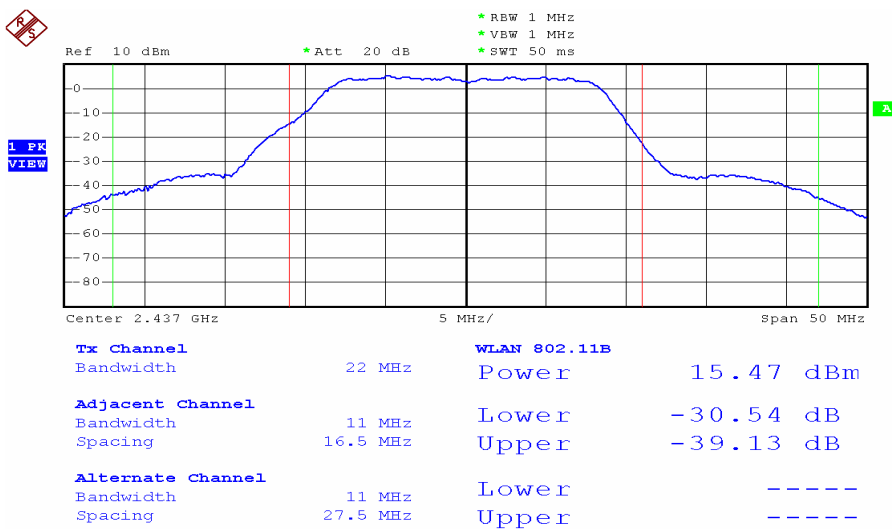
Date: 25.FEB.2005 15:40:45



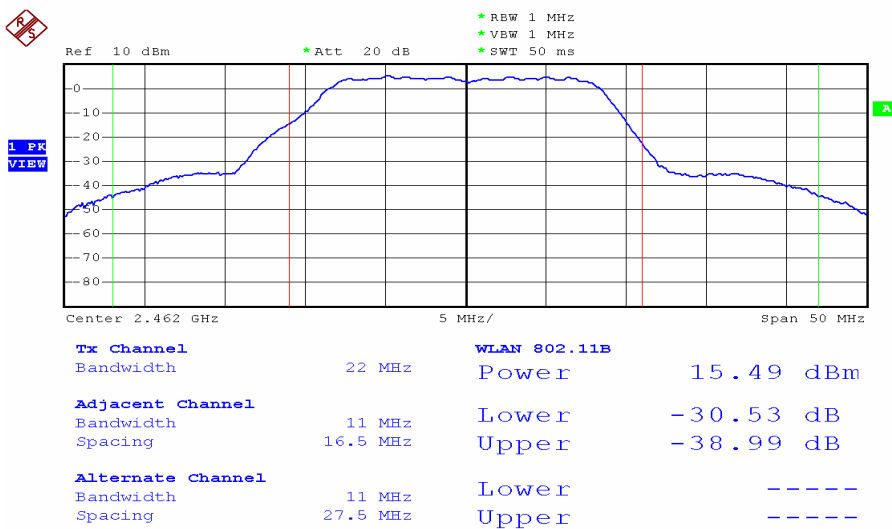
Date: 25.FEB.2005 15:44:04



Date: 25.FEB.2005 15:47:48



Date: 25.FEB.2005 15:50:13



Date: 25.FEB.2005 15:53:10

4.6. Band Edges Measurement Data

(1) Modulation Standard: IEEE 802.11b (11Mbps)

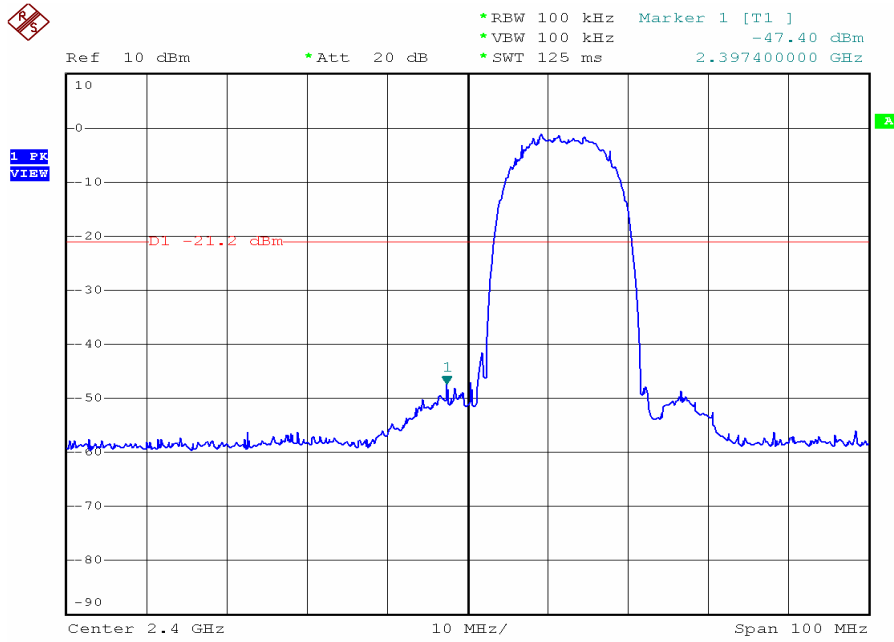
Test Date: Feb. 25, 2005 Temperature: 23 Humidity: 69% Atmospheric pressure: 1024mmHg

Channel	Frequency	maximum value in frequency (MHz)	maximum value is (dBm)
01	2412	2397.4	-47.40
11	2462	2590.0	-54.26

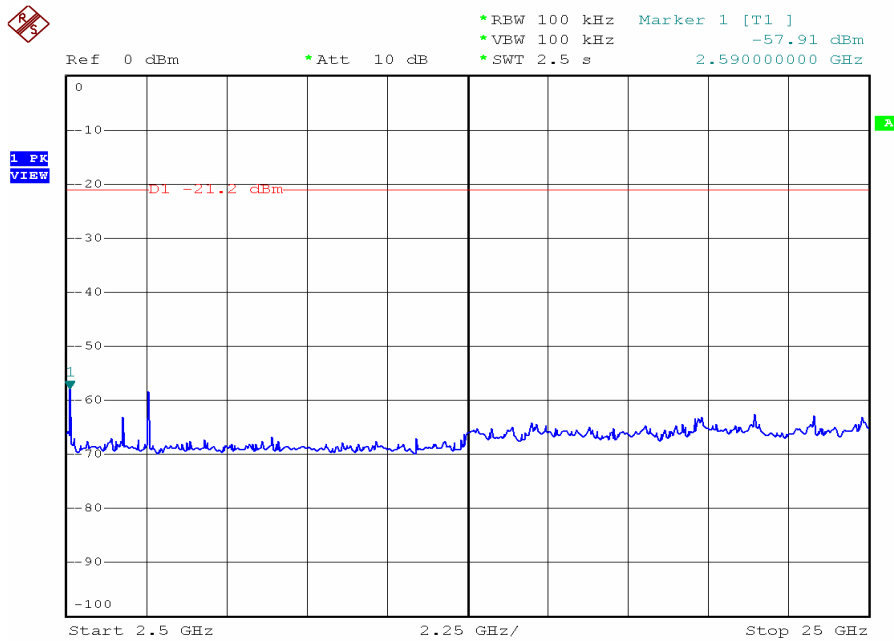
(2) Modulation Standard: IEEE 802.11g (6Mbps)

Test Date: Feb. 25, 2005 Temperature: 23 Humidity: 69% Atmospheric pressure: 1024mmHg

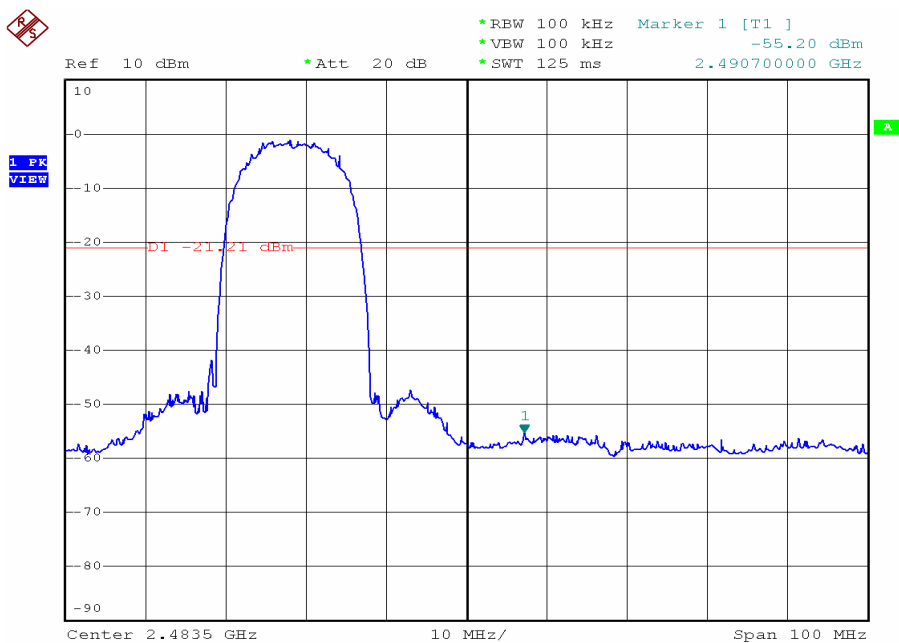
Channel	Frequency	maximum value in frequency (MHz)	maximum value is (dBm)
01	2412	2400.0	-37.28
11	2462	2483.5	-55.61



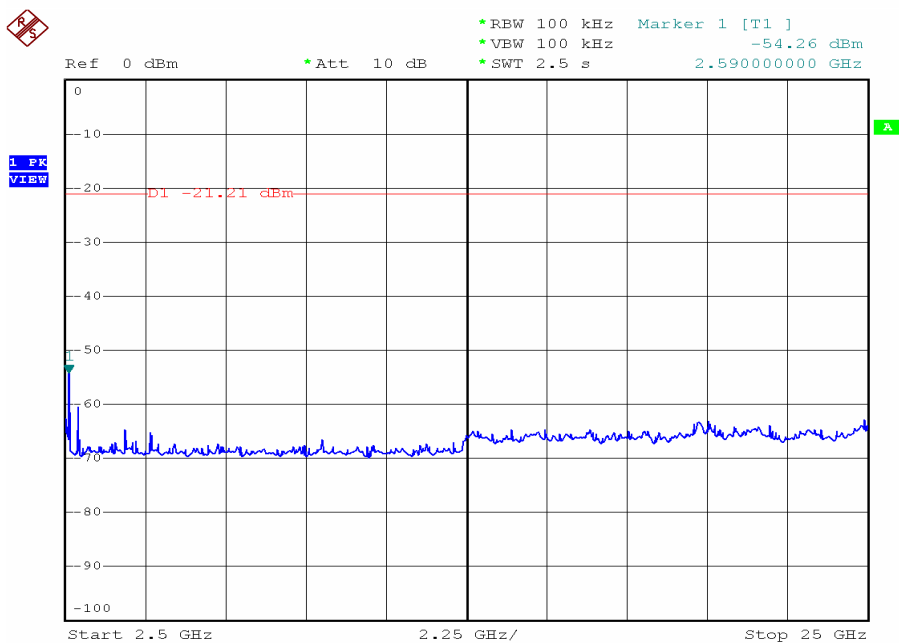
Date: 25.FEB.2005 12:02:25



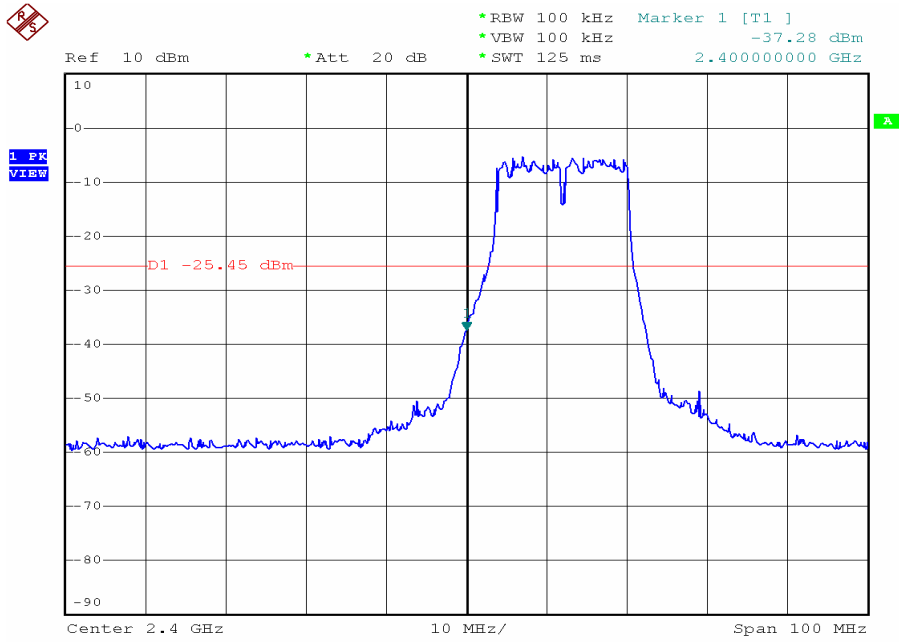
Date: 25.FEB.2005 12:03:41



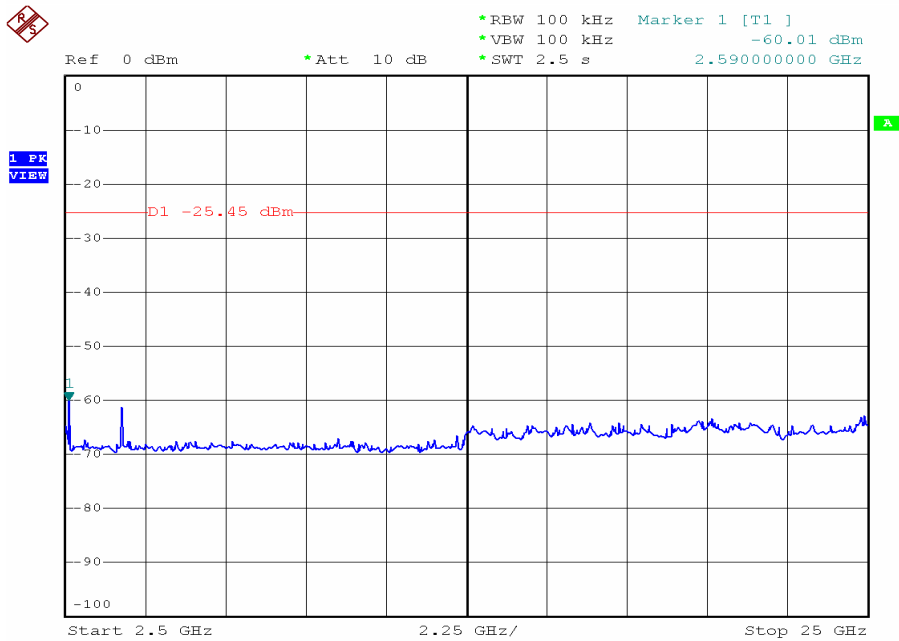
Date: 25.FEB.2005 12:09:10



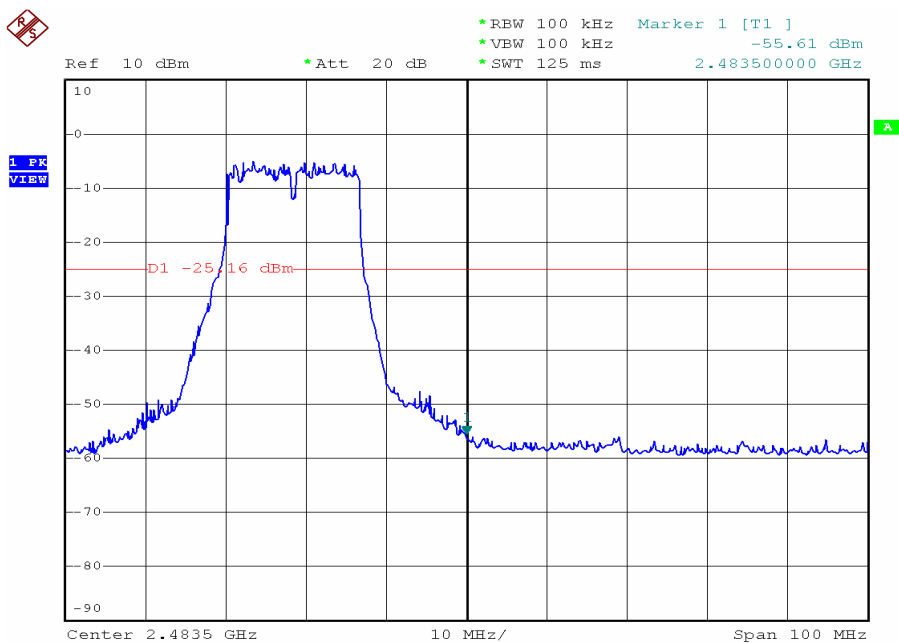
Date: 25.FEB.2005 12:11:44



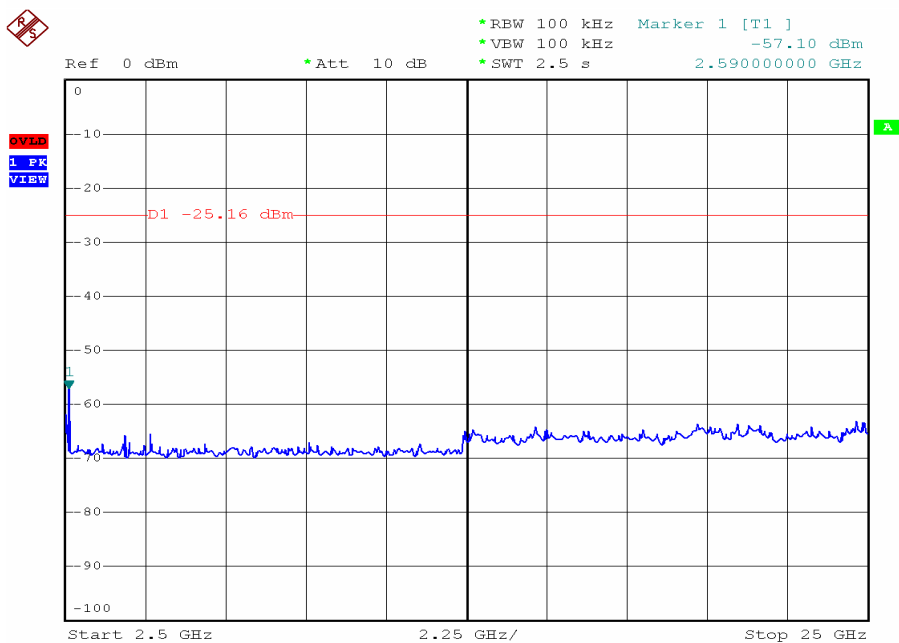
Date: 25.FEB.2005 12:05:53



Date: 25.FEB.2005 12:07:04



Date: 25.FEB.2005 12:17:05



Date: 25.FEB.2005 12:18:26

4.7. Restrict band emission Measurement Data

Test mode 1: Adaptor Model: AD-121A2

Modulation Standard: IEEE 802.11b (11Mbps)

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032 mmHg

a) Channel 1

Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2389.644	H	50.72	1.25	51.97	Peak	74	54	-22.03	145	1.1
2389.644	H	37.11	1.25	38.36	Ave.	74	54	-15.64	145	1.1
2389.412	V	51.85	0.55	52.40	Peak	74	54	-21.60	153	1.1
2389.412	V	39.26	0.55	39.81	Ave.	74	54	-14.19	153	1.1

b) Channel 11

Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2483.425	H	---	1.57	---	Peak	74	54	---	---	---
2483.425	H	49.35	1.57	50.92	Ave.	74	54	-3.08	151	1.0
2483.357	V	51.32	0.87	52.19	Peak	74	54	-21.81	159	1.1
2483.357	V	37.94	0.87	38.81	Ave.	74	54	-15.19	159	1.1

Modulation Standard: IEEE 802.11g (54Mbps)

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032 mmHg

a) Channel 1

Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2389.587	H	55.87	1.25	57.12	Peak	74	54	-16.88	151	1.1
2389.587	H	37.79	1.25	39.04	Ave.	74	54	-14.96	151	1.1
2389.372	V	62.44	0.55	62.99	Peak	74	54	-11.01	159	1.0
2389.372	V	40.88	0.55	41.43	Ave.	74	54	-12.57	159	1.0

b) Channel 11

Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2483.346	H	55.03	1.57	56.60	Peak	74	54	-17.40	161	1.1
2483.346	H	37.82	1.57	38.85	Ave.	74	54	-15.15	161	1.1
2483.412	V	55.89	0.87	56.76	Peak	74	54	-17.24	155	1.0
2483.412	V	37.17	0.87	38.04	Ave.	74	54	-15.96	155	1.0

Notes:

1. Result = Meter Reading + Factor
2. Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.

Test mode 2: Adaptor Model: DV-151A-1

Modulation Standard: IEEE 802.11b (11Mbps)

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032 mmHg

a) Channel 1

Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2389.984	H	51.02	1.25	52.27	Peak	74	54	-21.73	144	1.0
2389.984	H	37.46	1.25	38.71	Ave.	74	54	-15.29	144	1.0
2389.671	V	52.18	0.55	52.73	Peak	74	54	-21.27	155	1.1
2389.671	V	39.63	0.55	40.18	Ave.	74	54	-13.82	155	1.1

b) Channel 11

Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2483.718	H	---	1.57	---	Peak	74	54	---	---	---
2483.718	H	49.89	1.57	51.46	Ave.	74	54	-2.54	151	1.1
2483.639	V	51.49	0.87	52.36	Peak	74	54	-21.64	161	1.0
2483.639	V	38.23	0.87	39.10	Ave.	74	54	-14.90	161	1.0

Modulation Standard: IEEE 802.11g (54Mbps)

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032 mmHg

a) Channel 1

Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2389.987	H	56.09	1.25	57.34	Peak	74	54	-16.66	151	1.1
2389.987	H	38.07	1.25	39.32	Ave.	74	54	-14.68	151	1.1
2389.673	V	62.69	0.55	63.24	Peak	74	54	-10.76	161	1.0
2389.673	V	41.05	0.55	41.60	Ave.	74	54	-12.40	161	1.0

b) Channel 11

Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2483.643	H	55.41	1.57	56.98	Peak	74	54	-17.02	163	1.0
2483.643	H	37.72	1.57	39.39	Ave.	74	54	-14.61	163	1.0
2483.721	V	56.08	0.87	56.95	Peak	74	54	-17.05	157	1.1
2483.721	V	37.52	0.87	38.39	Ave.	74	54	-15.61	157	1.1

Notes:

1. Result = Meter Reading + Factor
2. Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.

Test mode 3: Adaptor Model: 481212003CT

Modulation Standard: IEEE 802.11b (11Mbps)

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032 mmHg

a) Channel 1

Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2390.078	H	51.38	1.25	52.63	Peak	74	54	-21.37	148	1.0
2390.078	H	37.65	1.25	38.90	Ave.	74	54	-15.10	148	1.0
2390.049	V	52.42	0.55	52.97	Peak	74	54	-21.03	155	1.1
2390.049	V	39.85	0.55	40.40	Ave.	74	54	-13.60	155	1.1

b) Channel 11

Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2483.879	H	---	1.57	---	Peak	74	54	---	---	---
2483.879	H	50.11	1.57	51.68	Ave.	74	54	-2.32	154	1.1
2483.734	V	51.59	0.87	52.46	Peak	74	54	-21.54	161	1.0
2483.734	V	38.75	0.87	39.62	Ave.	74	54	-14.38	161	1.0

Modulation Standard: IEEE 802.11g (54Mbps)

Test Date: Mar. 01, 2005 Temperature: 22 Humidity: 58% Atmospheric pressure: 1032 mmHg

a) Channel 1

Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2390.081	H	56.36	1.25	57.61	Peak	74	54	-16.39	154	1.1
2390.081	H	38.43	1.25	39.68	Ave.	74	54	-14.32	154	1.1
2390.052	V	62.98	0.55	62.53	Peak	74	54	-10.47	162	1.0
2390.052	V	41.43	0.55	41.98	Ave.	74	54	-12.02	162	1.0

b) Channel 11

Frequency (MHz)	Ant-Pol H/V	Meter Reading	Corrected Factor	Result (dBuV/m)	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table (Deg.)	Ant High (m)
						Peak	Ave.			
2483.882	H	55.87	1.57	57.44	Peak	74	54	-16.56	164	1.0
2483.882	H	38.21	1.57	39.78	Ave.	74	54	-14.22	164	1.0
2483.763	V	56.39	0.87	57.26	Peak	74	54	-16.74	158	1.0
2483.763	V	37.74	0.87	38.61	Ave.	74	54	-15.39	158	1.0

Notes:

1. Result = Meter Reading + Factor
2. Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.

4.8. Power Spectral Density Measurement Data

(1) Modulation Standard: IEEE 802.11b (11Mbps)

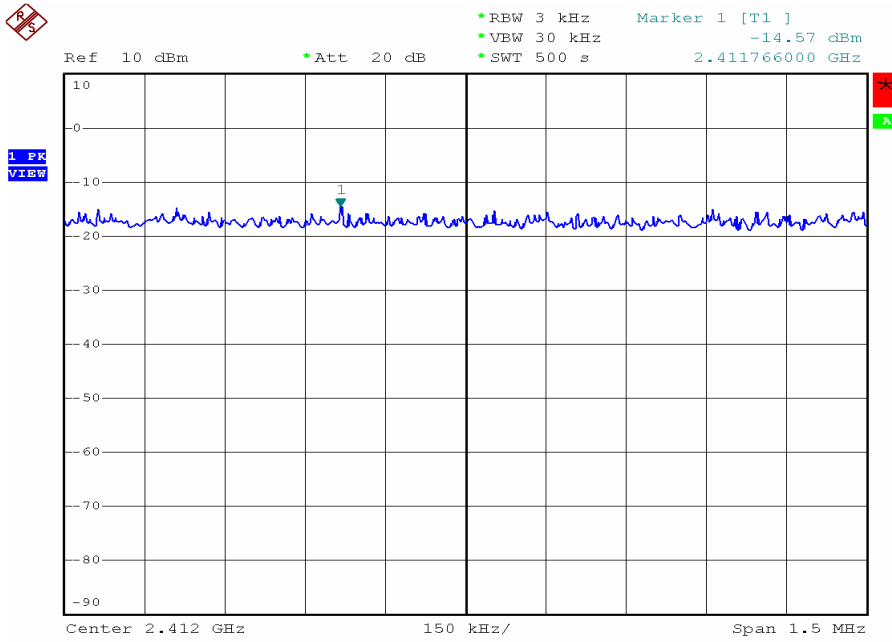
Test Date: Feb. 25, 2005 Temperature: 23 Humidity: 69% Atmospheric pressure: 1024mmHg

Channel	Frequency	Maximum Power Density of 3 kHz Bandwidth (dBm)
01	2412	-14.57
06	2437	-14.56
11	2462	-14.38

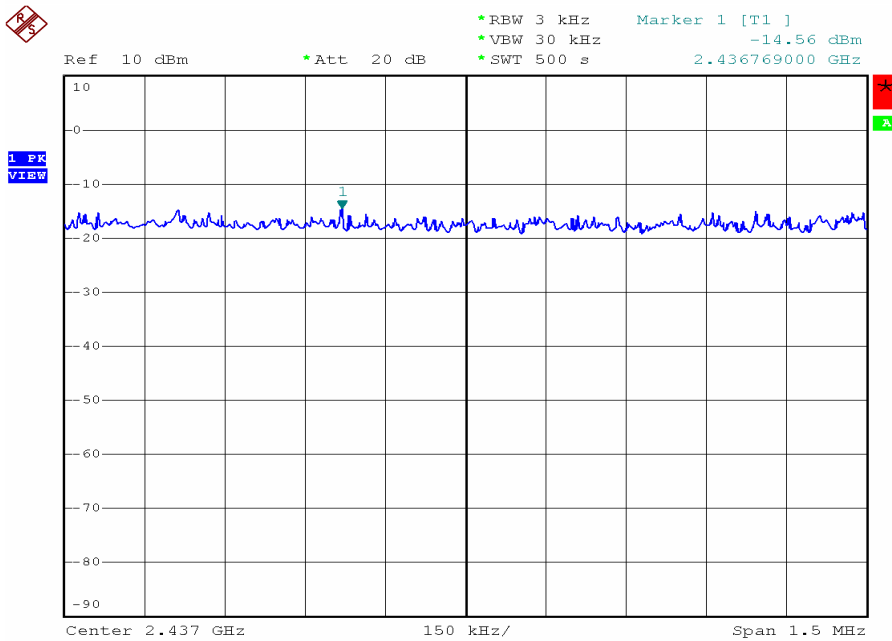
(2) Modulation Standard: IEEE 802.11g (6Mbps)

Test Date: Feb. 25, 2005 Temperature: 23 Humidity: 69% Atmospheric pressure: 1024mmHg

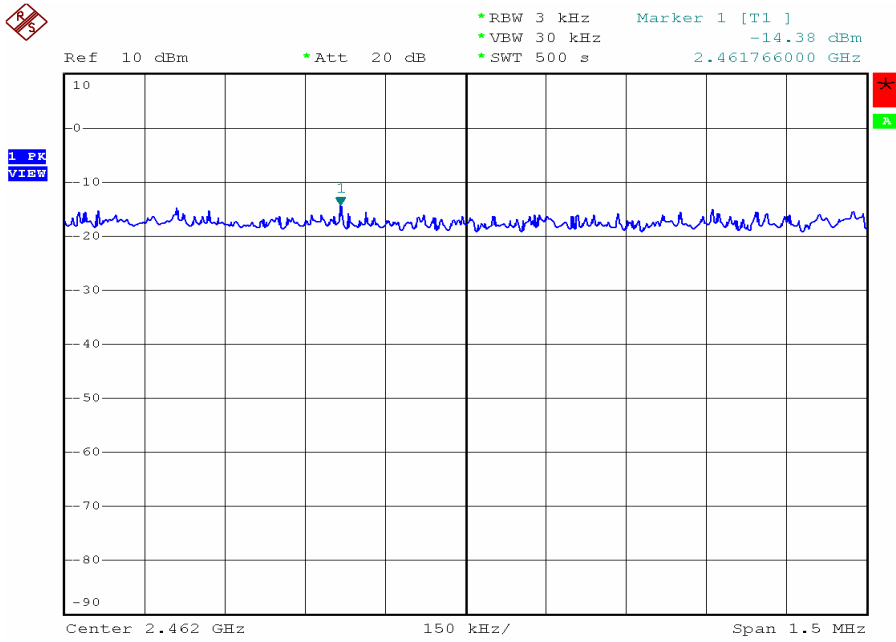
Channel	Frequency	Maximum Power Density of 3 kHz Bandwidth (dBm)
01	2412	-18.49
06	2437	-18.07
11	2462	-18.33



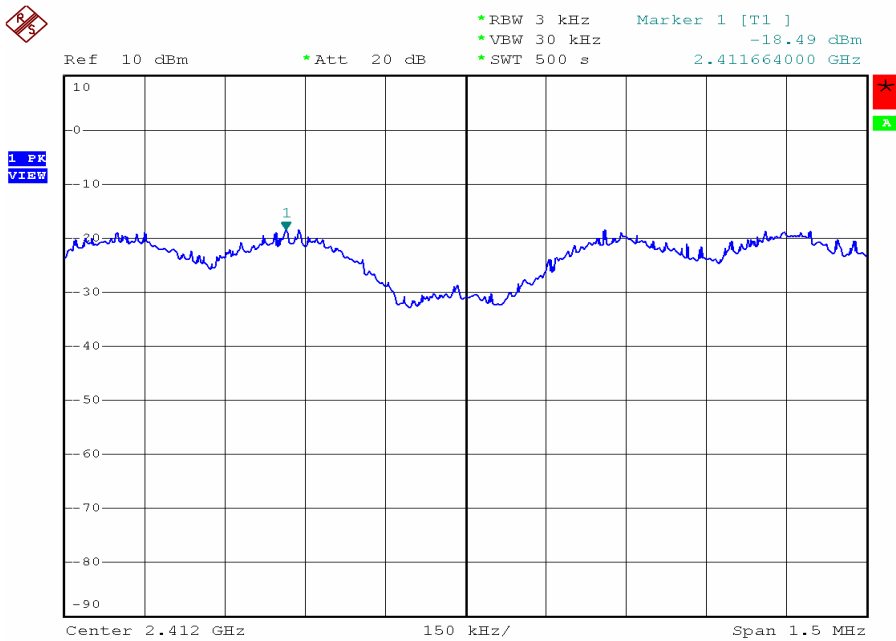
Date: 25.FEB.2005 12:34:43



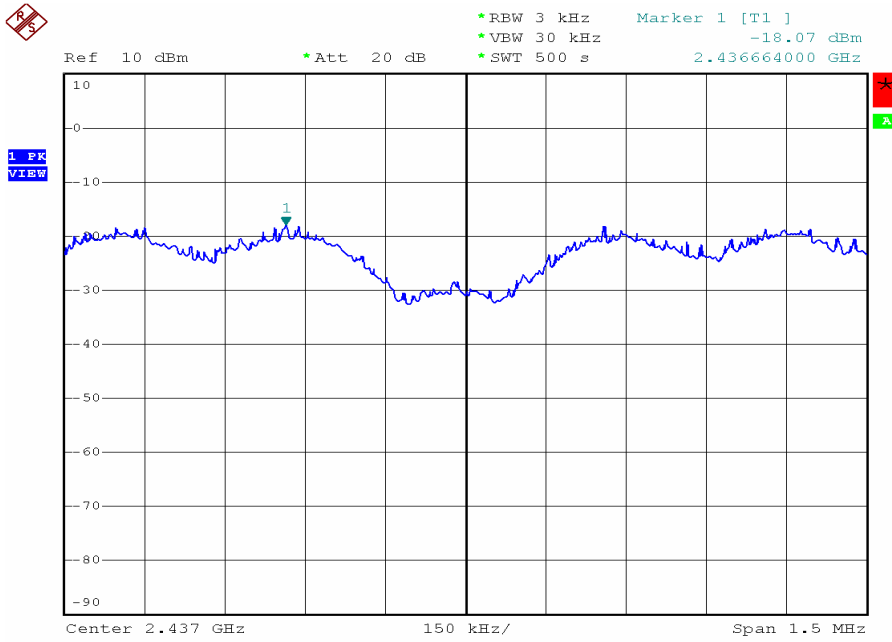
Date: 25.FEB.2005 12:49:44



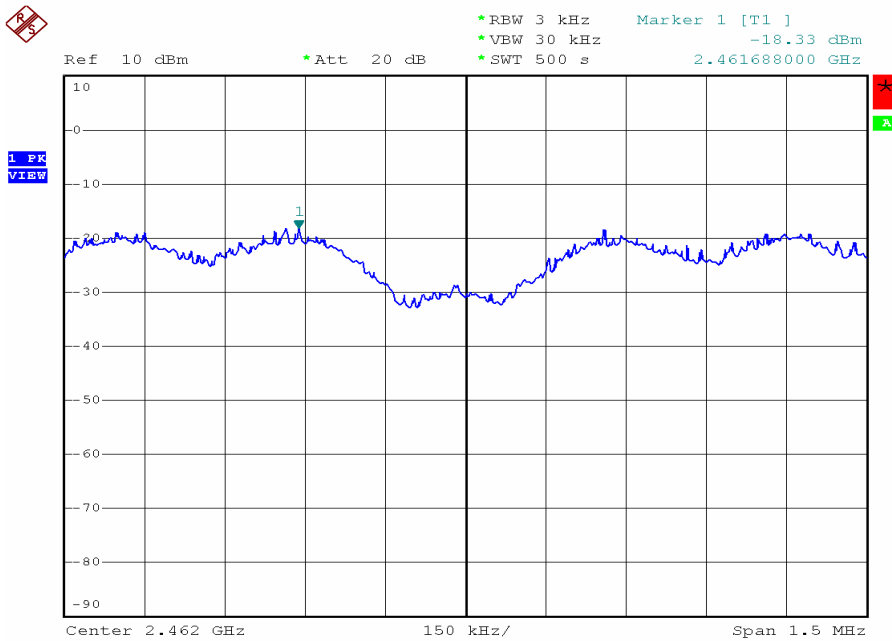
Date: 25.FEB.2005 13:01:18



Date: 25.FEB.2005 14:58:38



Date: 25.FEB.2005 14:51:25



Date: 25.FEB.2005 15:10:38

5. List of Measuring Equipment Used

No	Instrument/Ancillary	Type	Manufacturer	Serial No.	Valid Date.
1	BILOG ANTENNA	CBL6112B	SCHAFFNER	2840	2005/04/08
2	PREAMPLIFIER	RFP4002	SCHAFFNER	010	2005/11/03
3	RECEIVER	SCR3501	SCHAFFNER	437	2005/11/03
4	SIGNAL GENERATOR	8648B	HP	3629U00612	2006/02/08
5	AMPLIFIER	8447D	AGILENT	2443A04650	2006/02/14
6	AMPLIFIER	8447D	AGILENT	2944A10531	2005/06/30
7	SERIES POWER METER	E4416A	AGILENT	GB41292146	2005/10/11
8	POWER SENSOR	E9327A	AGILENT	US40441392	2005/10/11
9	DIPOLE ANTENNA	AD-100	COM-POWER	721011	2005/12/02
10	DIPOLE ANTENNA	AD-100	COM-POWER	721010	2005/12/02
11	SPECTRUM ANALYZER	FSP40	R&S	100047	2005/12/28
12	PREAMPLIFIER	8449B	AGILENT	3008A01954	2005/12/27
13	HORN ANTENNA	3115	EMCO	31601	2006/02/21
14	HORN ANTENNA	3115	EMCO	31589	2006/01/31
15	HORN ANTENNA	3116	EMCO	31970	2006/01/30
16	HORN ANTENNA	3116	EMCO	31974	2006/02/21
17	EMI RECEIVER	8546A	HP	3807A00454	2006/02/25
18	RF FILTER SECTION	85460A	HP	3704A00386	2006/02/25
19	SIGNAL GENERATOR	83640A	HP	2927A00107	2006/03/16
20	ATTENUATOR	8491B	AGILENT	50703	2006/03/07
21	ATTENUATOR	8491B	AGILENT	50705	2006/03/07
22	TEMPERATURE CHAMBER	TMJ-9712	T MACHINE	T-12-040111	2006/02/21
23	HIGH PASS FILTER	84300-80038	HP	002	N/A
24	HIGH PASS FILTER	84300-80038	HP	006	N/A
25	DC Power Supply	GPD-3030	GM	7020936	N/A
26	AC POWER CONVERTER	AFC-11005	APC	F103120008	N/A