

Attachment 1 : Summary of Test Results

The test results in the emission were performed according to the requirements of measurement standard and process. QuieTek Corporation is assumed full responsibility for the accuracy and completeness of these measurements. The test data of the emission are listed as the attached data.

All the tests were carried out with the EUT in normal operation, which was defined as:

- (1) Channel 1
- (2) Channel 6
- (3) Channel 11

The EUT passed all the tests.

The uncertainty is calculated in accordance with NAMAS NIS 81, The total uncertainty for this test is as follows:

➤ **Emission Test**

- Uncertainty in the Conducted Emission Test: $< \pm 2.0 \text{ dB}$
- Uncertainty in the field strength measured: $< \pm 4.0 \text{ dB}$



CONDUCTED EMISSION DATA

Date of Test : APR. 26, 2000 EUT : Wireless Lan Card

Test Mode : Channel 1 Detect Mode : Quasi-Peak

Frequency	Cable	LISN	Reading Level	Measurement Level	Limits
	Loss	Factor	Line1	Line1	
MHz	dB	dB	dBuV	dBuV	dBuV
0.506	0.06	0.10	34.17	34.33	48.00
0.576	0.07	0.10	33.95	34.12	48.00
0.650	0.08	0.10	32.28	32.46	48.00
0.868	0.09	0.10	32.42	32.61	48.00
7.884	0.25	0.19	34.36	34.80	48.00
*14.538	0.32	0.34	37.17	37.83	48.00

Remarks :

1. “ * ” means that this data is the worst emission level.



CONDUCTED EMISSION DATA

Date of Test : APR. 24, 2000 EUT : Wireless Lan Card

Test Mode : Channel 1 Detect Mode : Quasi-Peak

Frequency	Cable	LISN	Reading Level	Measurement Level	Limits
	Loss	Factor	Line2	Line2	
MHz	dB	dB	dBuV	dBuV	dBuV
0.506	0.06	0.10	30.98	31.14	48.00
0.579	0.07	0.10	31.24	31.41	48.00
0.651	0.08	0.10	28.78	28.96	48.00
1.157	0.11	0.11	30.36	30.58	48.00
*9.979	0.28	0.20	33.32	33.80	48.00
14.391	0.32	0.33	34.52	35.17	48.00

Remarks :

1. “ * ” means that this data is the worst emission level.



CONDUCTED EMISSION DATA

Date of Test : APR. 24, 2000 EUT : Wireless Lan Card

Test Mode : Channel 6 Detect Mode : Quasi-Peak

Frequency	Cable	LISN	Reading Level	Measurement Level	Limits
	Loss	Factor	Line1	Line1	
MHz	dB	dB	dBuV	dBuV	dBuV
0.507	0.06	0.10	33.23	33.39	48.00
0.652	0.08	0.10	30.26	30.44	48.00
0.723	0.08	0.10	29.50	29.68	48.00
1.157	0.11	0.11	31.21	31.43	48.00
5.929	0.22	0.18	28.96	29.36	48.00
*14.896	0.32	0.34	33.92	34.59	48.00

Remarks :

1. “ * ” means that this data is the worst emission level.



CONDUCTED EMISSION DATA

Date of Test : APR. 24, 2000 EUT : Wireless Lan Card

Test Mode : Channel 6 Detect Mode : Quasi-Peak

Frequency	Cable	LISN	Reading Level	Measurement Level	Limits
	Loss	Factor	Line2	Line2	
MHz	dB	dB	dBuV	dBuV	dBuV
0.506	0.06	0.10	30.98	31.14	48.00
0.578	0.07	0.10	31.30	31.47	48.00
0.940	0.10	0.10	29.75	29.95	48.00
4.410	0.19	0.16	31.14	31.50	48.00
7.664	0.25	0.19	33.28	33.72	48.00
*14.462	0.32	0.33	34.38	35.03	48.00

Remarks :

1. “ * ” means that this data is the worst emission level.



CONDUCTED EMISSION DATA

Date of Test : APR. 24, 2000 EUT : Wireless Lan Card

Test Mode : Channel 11 Detect Mode : Quasi-Peak

Frequency	Cable	LISN	Reading Level	Measurement Level	Limits
	Loss	Factor	Line1	Line1	
MHz	dB	dB	dBuV	dBuV	dBuV
0.505	0.06	0.10	32.97	33.13	48.00
0.578	0.07	0.10	33.15	33.32	48.00
0.651	0.08	0.10	30.55	30.73	48.00
0.940	0.10	0.10	30.96	31.16	48.00
4.916	0.20	0.17	31.97	32.34	48.00
*14.749	0.32	0.34	33.86	34.52	48.00

Remarks :

1. “ * ” means that this data is the worst emission level.



CONDUCTED EMISSION DATA

Date of Test : APR. 24, 2000 EUT : Wireless Lan Card

Test Mode : Channel 11 Detect Mode : Quasi-Peak

Frequency	Cable	LISN	Reading Level	Measurement Level	Limits
	Loss	Factor	Line2	Line2	
MHz	dB	dB	dBuV	dBuV	dBuV
0.505	0.06	0.10	30.74	30.90	48.00
0.579	0.07	0.10	31.20	31.37	48.00
0.940	0.10	0.10	29.91	30.11	48.00
4.122	0.19	0.16	30.57	30.92	48.00
10.339	0.28	0.21	33.31	33.80	48.00
*14.822	0.32	0.34	34.77	35.43	48.00

Remarks :

1. “ * ” means that this data is the worst emission level.



General Radiated Emission Data

Date of Test	:	APR. 24, 2000	EUT	:	Wireless Lan Card
Test Mode	:	Channel 1	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	Horizontal				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
308.000	3.79	13.66	0.00	8.57	26.02	19.98	46.00	100	150
*323.478	3.87	14.22	0.00	13.06	31.16	14.84	46.00	100	77
334.085	3.93	14.66	0.00	12.35	30.94	15.06	46.00	153	64
352.000	4.02	15.46	0.00	7.35	26.83	19.17	46.00	100	149
388.175	4.21	16.21	0.00	8.01	28.43	17.57	46.00	101	187
396.000	4.26	16.57	0.00	4.82	25.64	20.36	46.00	101	155
528.075	4.94	17.93	0.00	6.64	29.52	16.48	46.00	212	126
572.000	5.17	18.78	0.00	5.26	29.21	16.79	46.00	174	139
615.995	5.40	19.25	0.00	5.48	30.14	15.86	46.00	181	124
659.992	5.62	19.13	0.00	3.41	28.16	17.84	46.00	170	121
660.000	5.64	19.05	0.00	3.55	28.24	17.76	46.00	181	127

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss



General Radiated Emission Data

Date of Test	:	APR. 24, 2000	EUT	:	Wireless Lan Card
Test Mode	:	Channel 1	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	Vertical				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
55.520	1.39	8.10	0.00	12.99	22.49	17.51	40.00	100	15
*258.783	3.35	13.39	0.00	14.35	31.10	14.90	46.00	100	10
323.478	3.87	14.16	0.00	10.49	28.53	17.47	46.00	100	170
334.080	3.93	14.05	0.00	11.92	29.90	16.10	46.00	100	93
388.175	4.21	15.77	0.00	9.67	29.65	16.35	46.00	100	190
432.063	4.44	16.68	0.00	6.45	27.58	18.42	46.00	100	183
528.078	4.94	17.89	0.00	6.27	29.11	16.89	46.00	137	146
601.357	5.32	19.06	0.00	5.42	29.80	16.20	46.00	251	33
734.995	6.02	20.17	0.00	3.59	29.78	16.22	46.00	268	158
748.000	6.09	20.18	0.00	0.30	26.57	19.43	46.00	108	202

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss



General Radiated Emission Data

Date of Test	:	APR. 24, 2000	EUT	:	Wireless Lan Card
Test Mode	:	Channel 6	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	Horizontal				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
66.768	1.50	6.31	0.00	13.03	20.85	19.15	40.00	282	203
395.995	4.26	16.57	0.00	5.06	25.88	20.12	46.00	100	142
571.995	5.17	18.78	0.00	4.38	28.33	17.67	46.00	169	141
615.995	5.40	19.25	0.00	3.78	28.44	17.56	46.00	172	119
695.995	5.82	19.07	0.00	2.85	27.74	18.26	46.00	172	127
*747.995	6.09	20.29	0.00	7.22	33.60	12.40	46.00	126	187
835.995	6.55	20.54	0.00	0.56	27.65	18.35	46.00	132	48

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss



General Radiated Emission Data

Date of Test	:	APR. 24, 2000	EUT	:	Wireless Lan Card
Test Mode	:	Channel 6	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	Vertical				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
44.000	1.28	11.54	0.00	2.35	15.17	24.83	40.00	267	130
110.000	1.93	11.36	0.00	7.69	20.98	22.52	43.50	249	60
154.010	2.35	10.38	0.00	5.74	18.46	25.04	43.50	176	202
307.995	3.79	14.04	0.00	3.32	21.15	24.85	46.00	169	186
395.995	4.26	16.19	0.00	0.74	21.18	24.82	46.00	141	142
483.995	4.71	17.34	0.00	1.86	23.91	22.09	46.00	132	203
*528.083	4.94	17.89	0.00	6.35	29.19	16.81	46.00	140	179
747.990	6.09	20.18	0.00	0.32	26.59	19.41	46.00	119	73

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss



General Radiated Emission Data

Date of Test	:	APR. 24, 2000	EUT	:	Wireless Lan Card
Test Mode	:	Channel 11	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	Horizontal				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
439.992	4.48	16.99	0.00	0.04	21.51	24.49	46.00	100	140
493.992	4.77	17.96	0.00	2.70	25.42	20.58	46.00	100	27
505.992	4.83	17.79	0.00	-0.44	22.18	23.82	46.00	100	137
528.078	4.94	17.93	0.00	1.76	24.64	21.36	46.00	100	99
615.992	5.40	19.25	0.00	4.10	28.76	17.24	46.00	164	115
659.992	5.62	19.13	0.00	2.46	27.21	18.79	46.00	150	202
*747.992	6.09	20.29	0.00	4.37	30.75	15.25	46.00	121	120
835.992	6.55	20.54	0.00	1.64	28.73	17.27	46.00	125	47

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss



General Radiated Emission Data

Date of Test	:	APR. 24, 2000	EUT	:	Wireless Lan Card
Test Mode	:	Channel 11	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	Vertical				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
44.000	1.28	11.54	0.00	3.11	15.93	24.07	40.00	102	203
483.992	4.71	17.34	0.00	2.46	24.51	21.49	46.00	140	162
615.992	5.40	19.42	0.00	0.84	25.67	20.33	46.00	100	203
*703.992	5.86	19.84	0.00	3.20	28.90	17.10	46.00	100	68
747.992	6.09	20.18	0.00	-0.02	26.25	19.75	46.00	100	203
857.960	6.66	20.80	0.00	1.26	28.72	17.28	46.00	254	202
968.000	7.24	22.08	0.00	-2.48	26.84	27.16	54.00	147	203

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss



Peak Power Output Data

Date of Test : APR. 24, 2000 EUT : [Wireless](#) Lan Card
Test Mode : Normal Test Site : Open Site 2

HORIZONTAL

Channel No.	Frequency(MHz)	Measurement	Required Limit	Result
1	2414.4	-13.72dBm	1 Watt	Pass
6	2436.7	-10.04dBm	1 Watt	Pass
11	2463.7	-10.43dBm	1 Watt	Pass

VERTICAL

Channel No.	Frequency(MHz)	Measurement	Required Limit	Result
1	2413.6	-11.36dBm	1 Watt	Pass
6	2436.7	-9.56dBm	1 Watt	Pass
11	2462.5	-8.71dBm	1 Watt	Pass

REMARK:

$$P = E^2 R^2 / 30G = E^2 3^2 / 30G$$

P= the equivalent isotropic radiated power in watts

E= the maximum measured field strength in V/m

R= the measurement range (3 meters)

G= the numeric gain of the transmit antenna in relation to an isotropic radiator



Harmonic Radiated Emission Data

Date of Test	:	APR. 24, 2000	EUT	:	Wireless Lan Card
Test Mode	:	Channel 1	Test Site	:	Open Site 2

Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Horizontal	Margin	Limit	Ant	Turn
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg

Peak

4824.200	6.27	33.50	34.47	50.63	55.94	18.06	74.00	0	0
7237.700	8.32	36.24	34.70	40.09	<49.95	24.05	74.00	0	0
9650.900	10.18	37.43	35.17	41.89	<54.33	19.67	74.00	0	0
12063.49	11.91	39.13	34.52	41.95	<58.46	15.54	74.00	0	0

Average

4825.800	6.27	33.50	34.47	31.38	36.69	17.31	54.00	0	0
7239.560	8.32	36.24	34.70	27.81	37.67	16.33	54.00	0	0
9650.792	10.18	37.43	35.17	30.48	<42.92	11.08	54.00	0	0
12063.49	11.91	39.13	34.52	30.05	<46.56	7.44	54.00	0	0

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss
4. The average measurement was not performed when the peak measured data under the limit of average detection.



Harmonic Radiated Emission Data

Date of Test	:	APR. 24, 2000	EUT	:	Wireless Lan Card
Test Mode	:	Channel 1	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	Vertical				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
Peak									
4824.100	6.27	33.50	34.47	50.48	55.79	18.21	74.00	0	0
7236.800	8.32	36.24	34.70	39.23	<49.09	24.91	74.00	0	0
9649.600	10.18	37.43	35.17	41.51	<53.95	20.05	74.00	0	0
12063.48	11.91	39.13	34.52	41.09	<57.60	16.40	74.00	0	0
Average									
4825.850	6.27	33.50	34.47	37.20	42.51	11.49	54.00	0	0
7236.800	8.32	36.24	34.70	27.80	37.66	16.34	54.00	0	0
9650.788	10.18	37.43	35.17	30.52	<42.96	11.04	54.00	0	0
12063.48	11.91	39.13	34.52	30.09	<46.60	7.40	54.00	0	0

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss
4. The average measurement was not performed when the peak measured data under the limit of average detection.



Harmonic Radiated Emission Data

Date of Test	:	APR. 24, 2000	EUT	:	Wireless Lan Card
Test Mode	:	Channel 6	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	Horizontal				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
Peak									
4874.200	6.32	33.56	34.48	46.09	51.49	22.51	74.00	0	0
7312.200	8.38	36.31	34.73	39.85	<49.80	24.20	74.00	0	0
9750.000	10.25	37.45	35.15	41.91	<54.47	19.53	74.00	0	0
12188.00	11.99	39.17	34.40	40.64	<57.41	16.59	74.00	0	0
Average									
9751.000	10.25	37.45	35.15	30.97	<43.53	10.47	54.00	0	0
12188.80	11.99	39.17	34.40	29.96	<46.73	7.27	54.00	0	0

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss
4. The average measurement was not performed when the peak measured data under the limit of average detection.



Harmonic Radiated Emission Data

Date of Test	:	APR. 24, 2000	EUT	:	Wireless Lan Card
Test Mode	:	Channel 6	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	Vertical				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
Peak									
4874.200	6.32	33.56	34.48	49.84	55.24	18.76	74.00	0	0
7313.310	8.38	36.31	34.73	40.45	<50.40	23.60	74.00	0	0
9751.200	10.25	37.45	35.15	42.28	<54.84	19.16	74.00	0	0
12188.94	11.99	39.17	34.40	41.85	<58.62	15.38	74.00	0	0
Average									
4875.810	6.32	33.56	34.48	36.32	<41.72	12.28	54.00	0	0
9751.160	10.25	37.45	35.15	30.95	<43.51	10.49	54.00	0	0
12188.96	11.99	39.17	34.40	29.89	<46.66	7.34	54.00	0	0

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss
4. The average measurement was not performed when the peak measured data under the limit of average detection.



Harmonic Radiated Emission Data

Date of Test	:	APR. 24, 2000	EUT	:	Wireless Lan Card
Test Mode	:	Channel 11	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	Horizontal				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
Peak									
4924.300	6.37	33.62	34.49	45.80	51.30	22.70	74.00	0	0
7387.700	8.45	36.39	34.76	40.05	<50.12	23.88	74.00	0	0
9851.200	10.33	37.47	35.13	42.59	<55.26	18.74	74.00	0	0
12314.50	12.07	39.22	34.27	41.98	<59.01	14.99	74.00	0	0
Average									
9852.850	10.33	37.47	35.13	31.27	<43.94	10.06	54.00	0	0
12315.95	12.08	39.23	34.27	30.20	<47.24	6.76	54.00	0	0

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss
4. The average measurement was not performed when the peak measured data under the limit of average detection.



Harmonic Radiated Emission Data

Date of Test	:	APR. 24, 2000	EUT	:	Wireless Lan Card
Test Mode	:	Channel 11	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	Vertical				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
Peak									
4923.900	6.37	33.62	34.49	49.16	54.66	19.34	74.00	0	0
7387.100	8.45	36.39	34.76	39.87	<49.94	24.06	74.00	0	0
9850.100	10.32	37.47	35.13	42.76	<55.42	18.58	74.00	0	0
12313.30	12.07	39.22	34.27	41.08	<58.11	15.89	74.00	0	0
Average									
4922.100	6.37	33.62	34.49	34.49	<39.99	14.01	54.00	0	0
9850.350	10.32	37.47	35.13	31.28	<43.94	10.06	54.00	0	0
12313.45	12.07	39.22	34.27	30.12	<47.15	6.85	54.00	0	0

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss
4. The average measurement was not performed when the peak measured data under the limit of average detection.

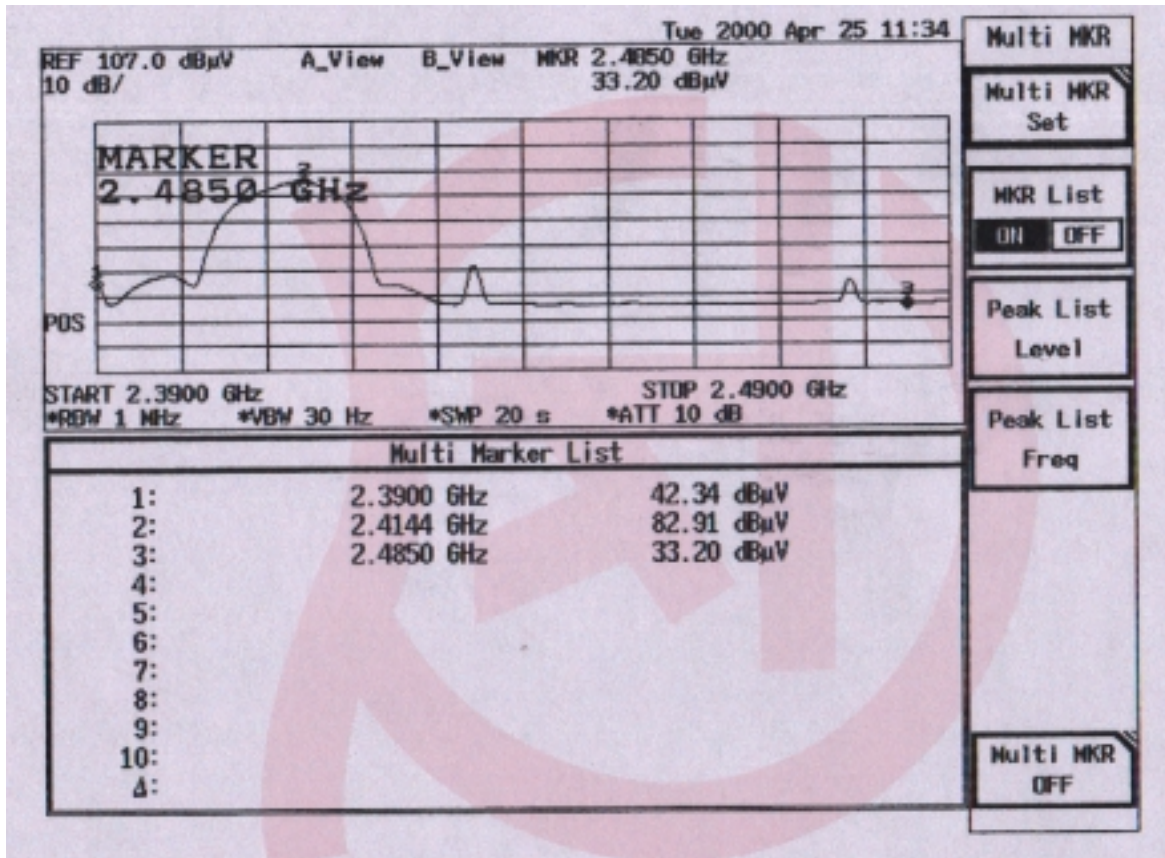


Band Edge Data

Date of Test : APR. 24, 2000 EUT : [Wireless Lan Card](#)
 Test Mode : Channel 1 Test Site : Open Site 2

Figure (Horizontal):

Channel No.	Frequency (MHz)	Measurement Frequency (MHz)	Measurement level (dBc)	Required Limit (dBc)	Result
1	<2400	2390.0	40.57	>20	Pass
1	>2483.5	2485.0	49.71	>20	Pass

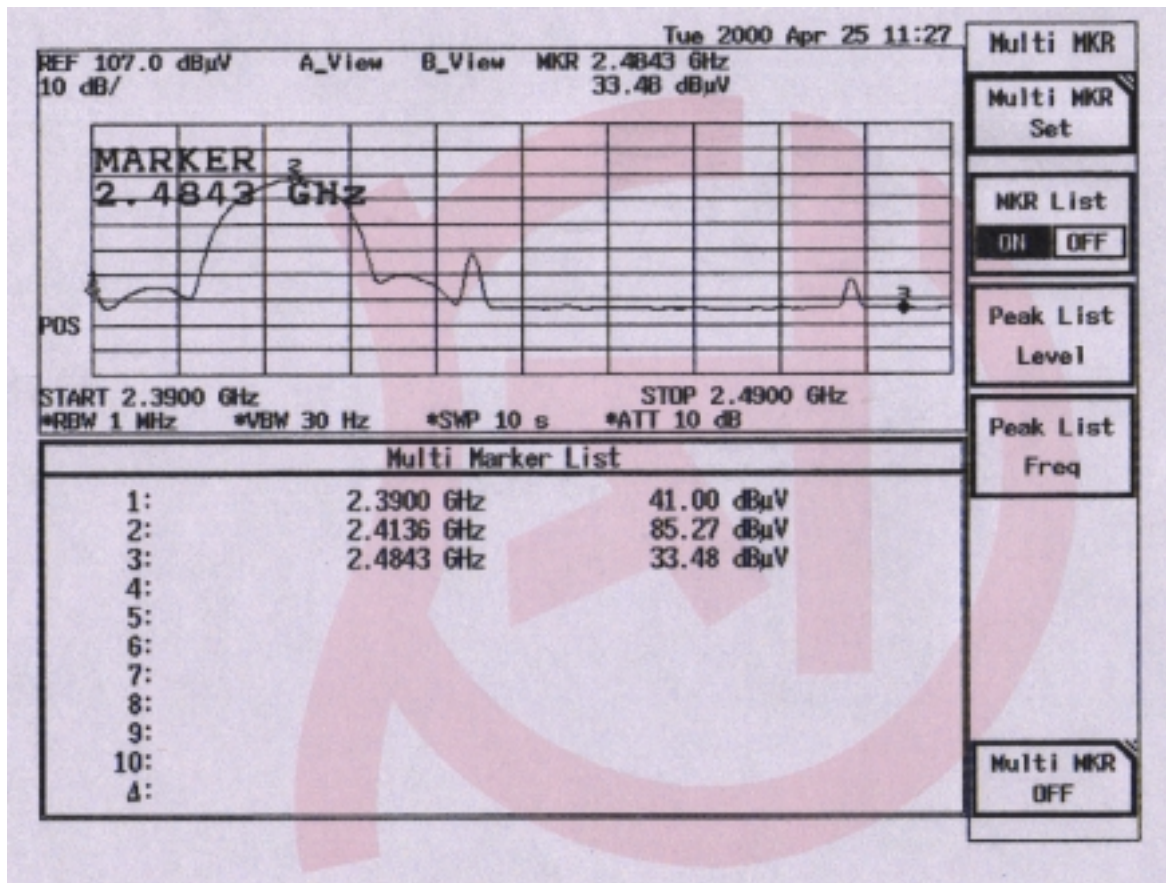


Band Edge Data

Date of Test : APR. 24, 2000 EUT : [Wireless Lan Card](#)
 Test Mode : Channel 1 Test Site : Open Site 2

Figure (Vertical):

Channel No.	Frequency (MHz)	Measurement Frequency (MHz)	Measurement level (dBc)	Required Limit (dBc)	Result
1	<2400	2390.0	44.27	>20	Pass
1	>2483.5	2484.3	51.79	>20	Pass

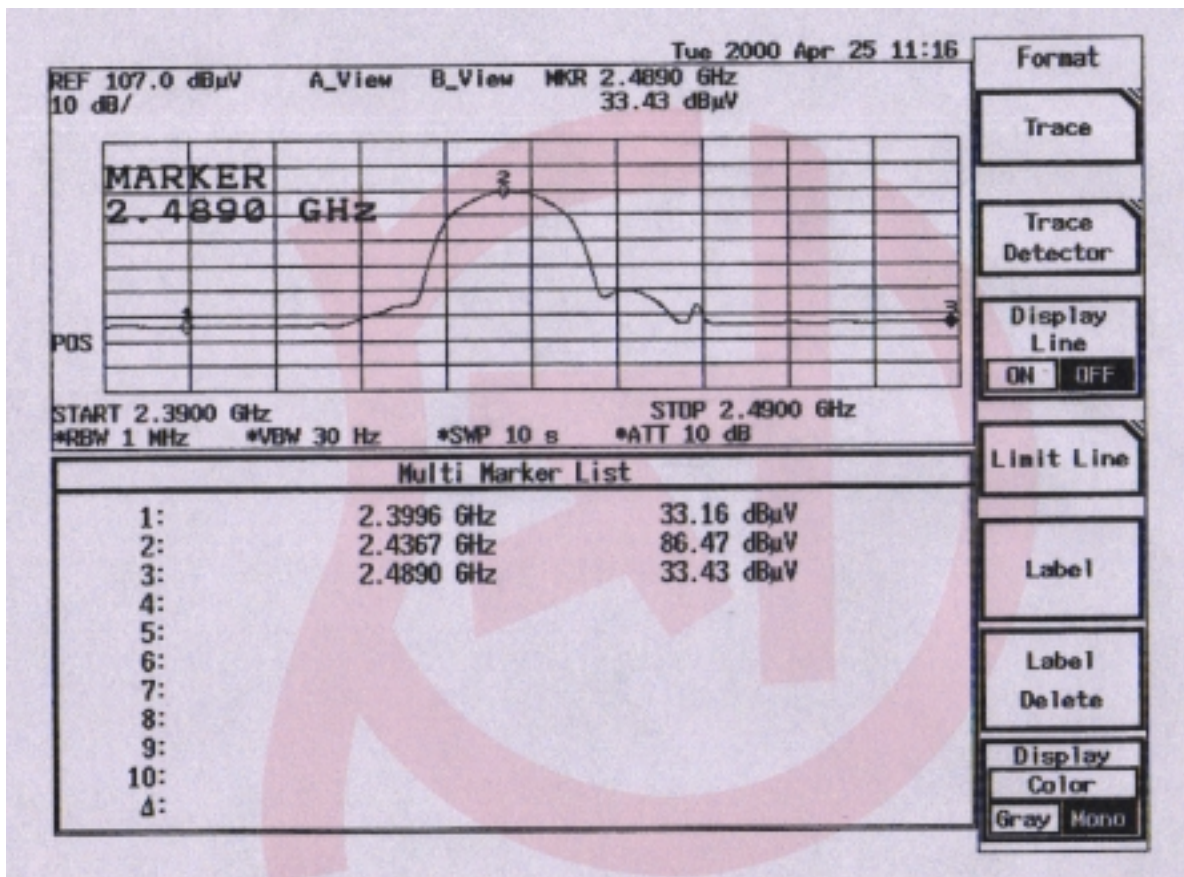


Band Edge Data

Date of Test : APR. 24, 2000 EUT : [Wireless Lan Card](#)
 Test Mode : Channel 6 Test Site : Open Site 2

Figure (Horizontal):

Channel No.	Frequency (MHz)	Measurement Frequency (MHz)	Measurement level (dBc)	Required Limit (dBc)	Result
6	<2400	2399.6	53.31	>20	Pass
6	>2483.5	2489.0	53.04	>20	Pass

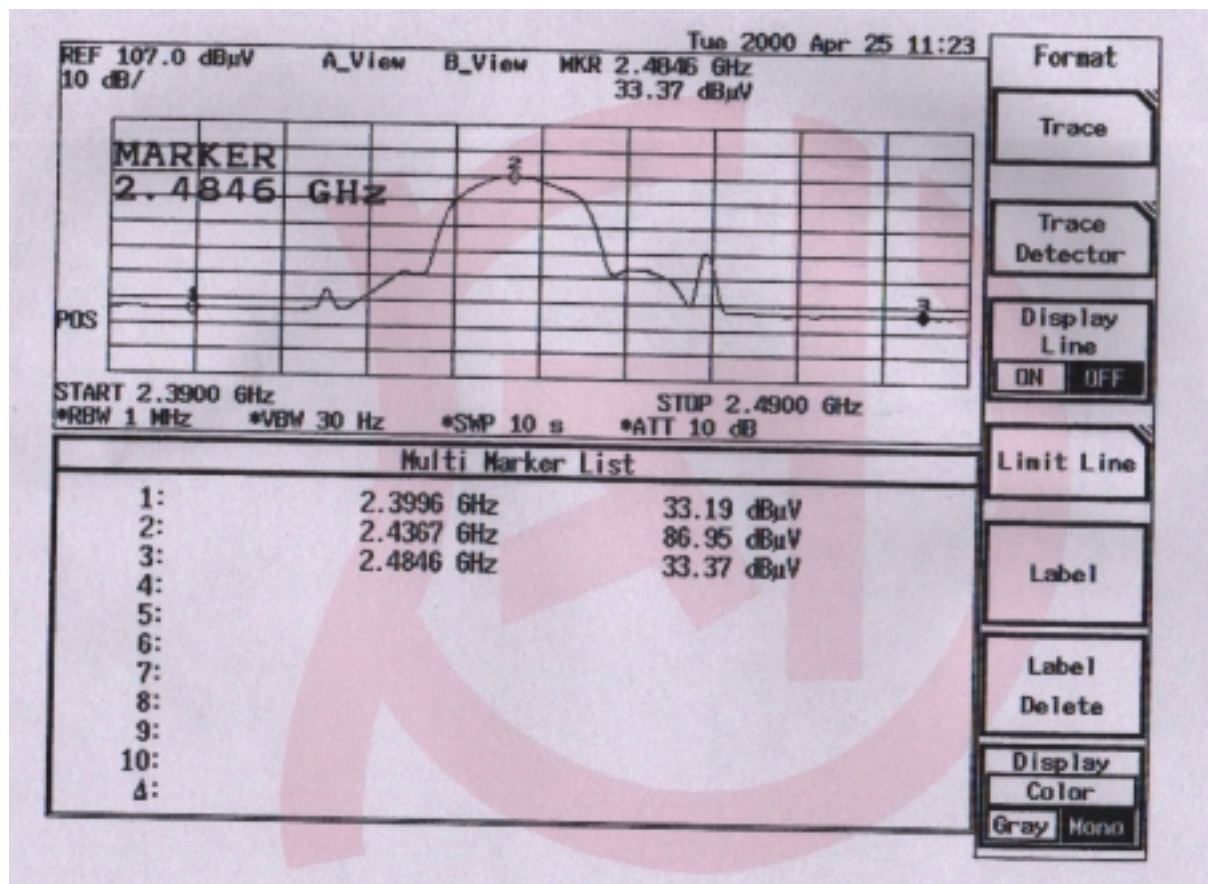


Band Edge Data

Date of Test : APR. 24, 2000 EUT : [Wireless Lan Card](#)
 Test Mode : Channel 6 Test Site : Open Site 2

Figure (Vertical):

Channel No.	Frequency (MHz)	Measurement Frequency (MHz)	Measurement level (dBc)	Required Limit (dBc)	Result
6	<2400	2399.6	53.76	>20	Pass
6	>2483.5	2484.6	53.58	>20	Pass

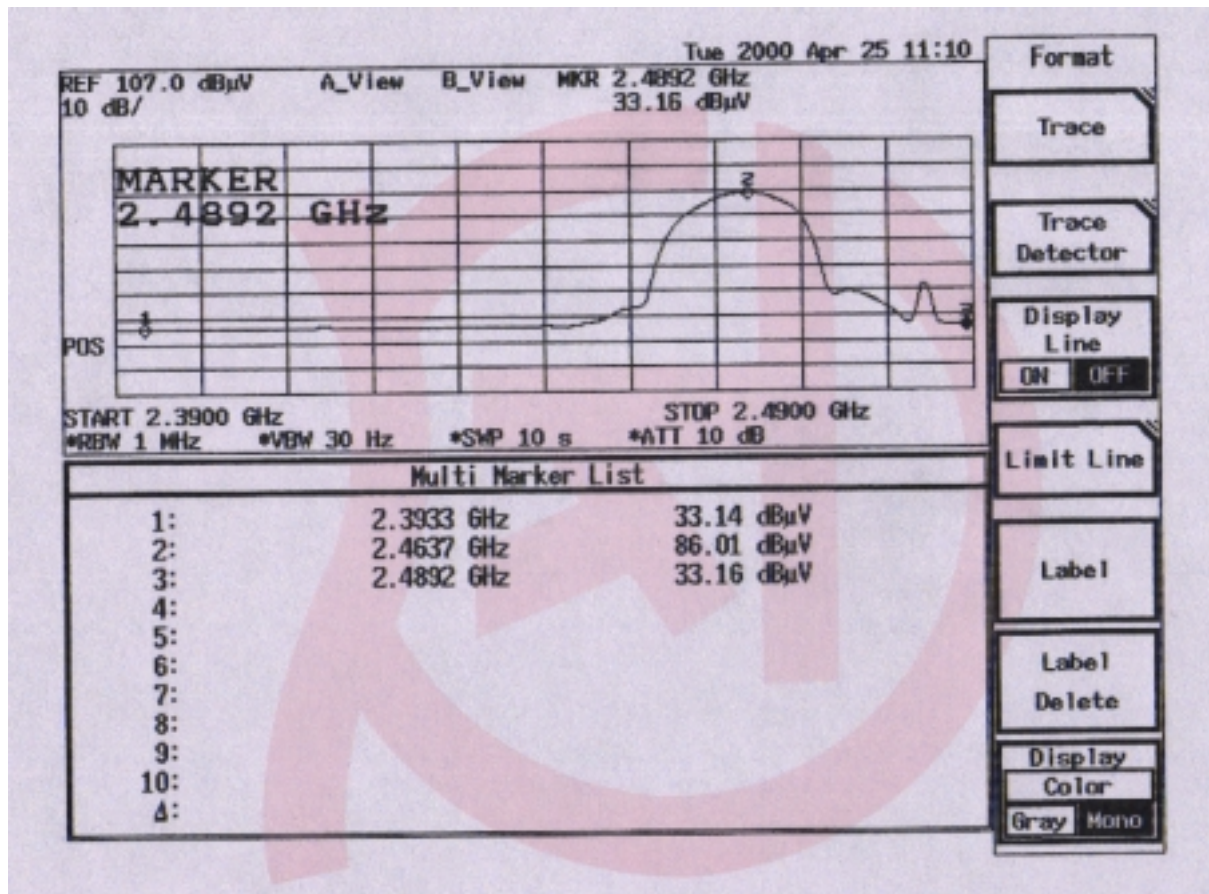


Band Edge Data

Date of Test : APR. 24, 2000 EUT : [Wireless Lan Card](#)
 Test Mode : Channel 11 Test Site : Open Site 2

Figure (Horizontal):

Channel No.	Frequency (MHz)	Measurement Frequency (MHz)	Measurement level (dBc)	Required Limit (dBc)	Result
11	<2400	2393.3	52.87	>20	Pass
11	>2483.5	2489.2	52.85	>20	Pass

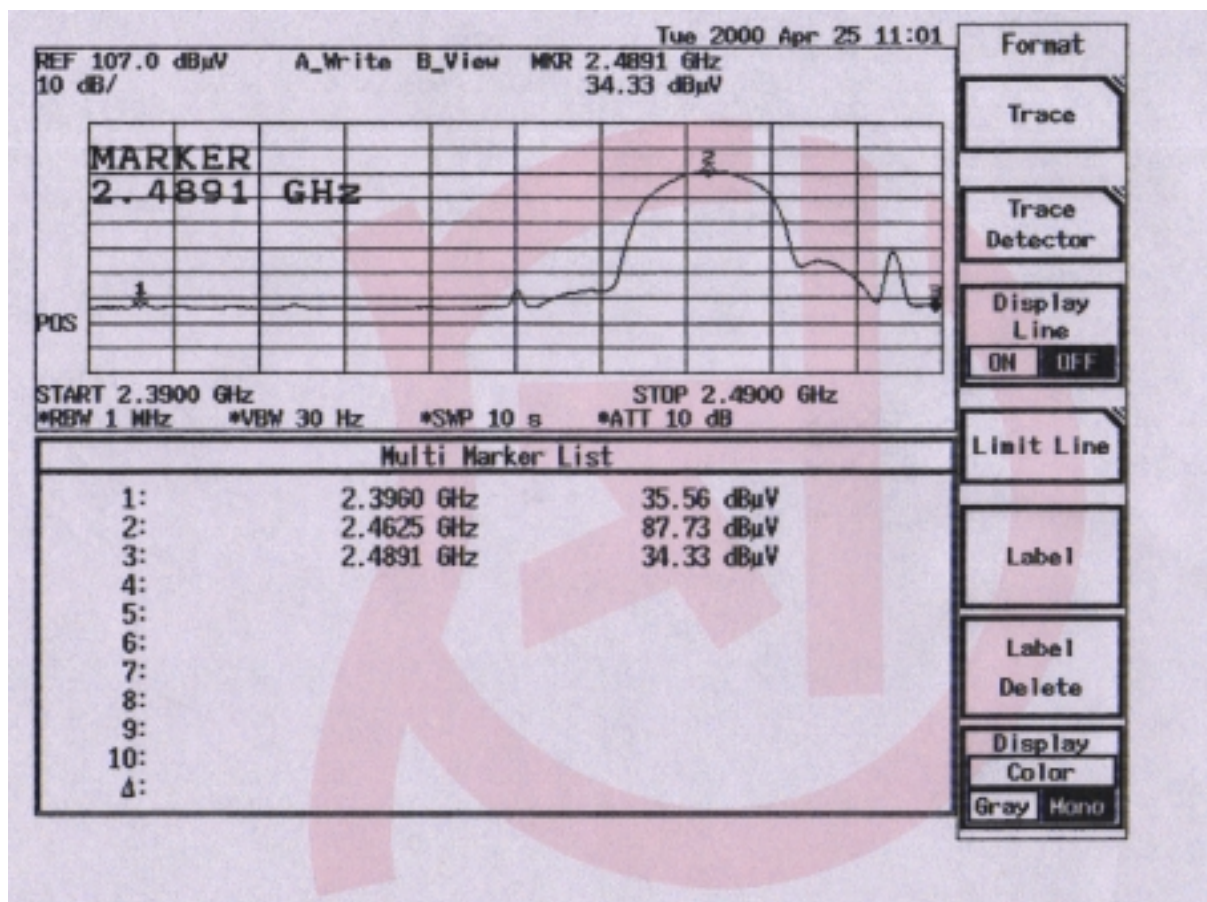


Band Edge Data

Date of Test : APR. 24, 2000 EUT : [Wireless Lan Card](#)
 Test Mode : Channel 11 Test Site : Open Site 2

Figure (Vertical):

Channel No.	Frequency (MHz)	Measurement Frequency (MHz)	Measurement level (dBc)	Required Limit (dBc)	Result
11	<2400	2396.0	52.17	>20	Pass
11	>2483.5	2489.1	53.40	>20	Pass



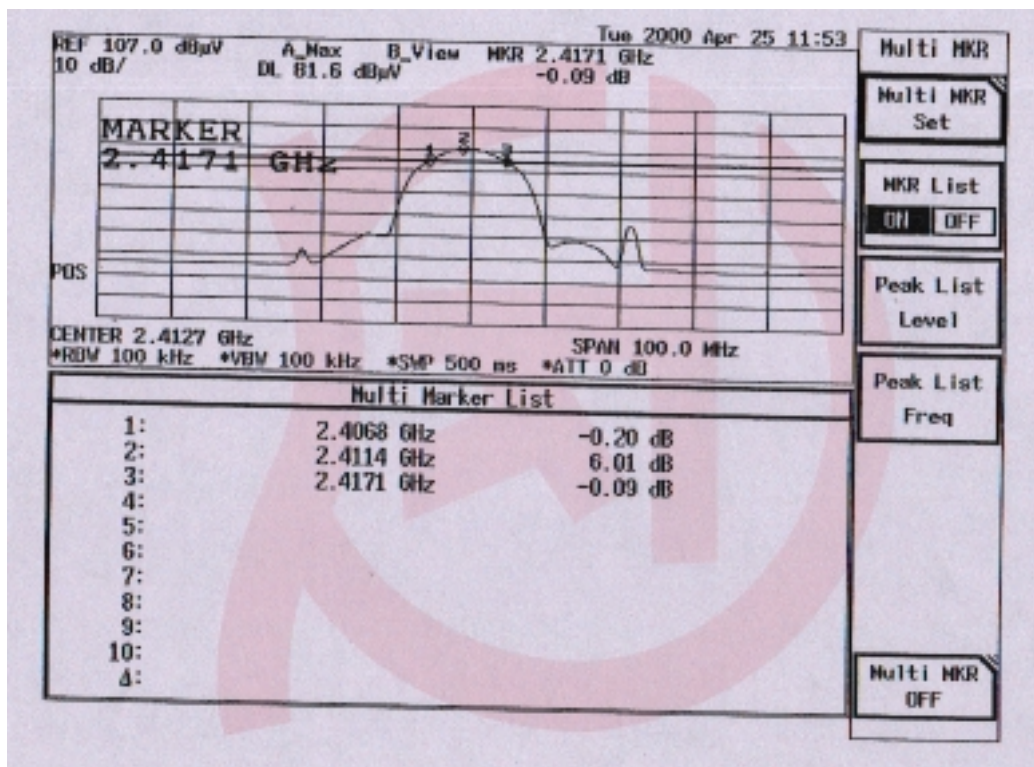
Occupied Bandwidth Data

Date of Test : APR. 24, 2000 EUT : Wireless Lan Card

Test Mode : Channel 1 Test Site : Open Site 2

Channel No.	Frequency (MHz)	Measurement Level (KHz)	Required Limit (KHz)	Result
1	2411.4	10300	>500	Pass

Figure Channel 1:

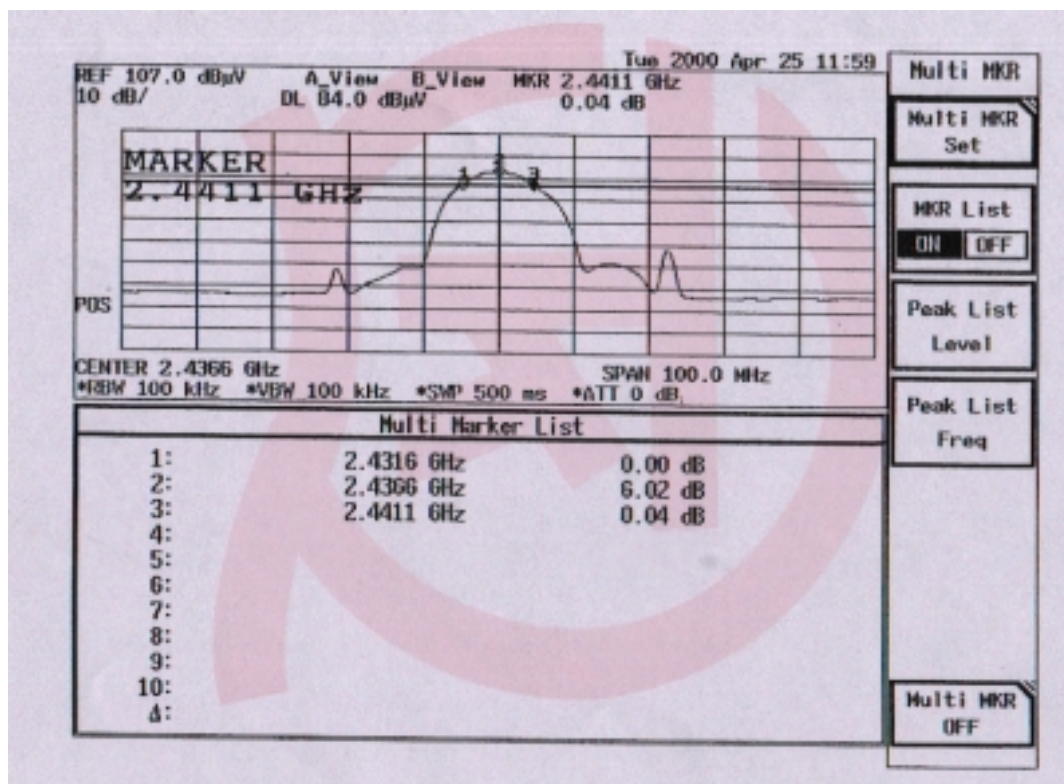


Occupied Bandwidth Data

Date of Test : APR. 24, 2000 EUT : Wireless Lan Card
 Test Mode : Channel 6 Test Site : Open Site 2

Channel No.	Frequency (MHz)	Measurement Level (KHz)	Required Limit (KHz)	Result
6	2436.6	9500	>500	Pass

Figure Channel 6:

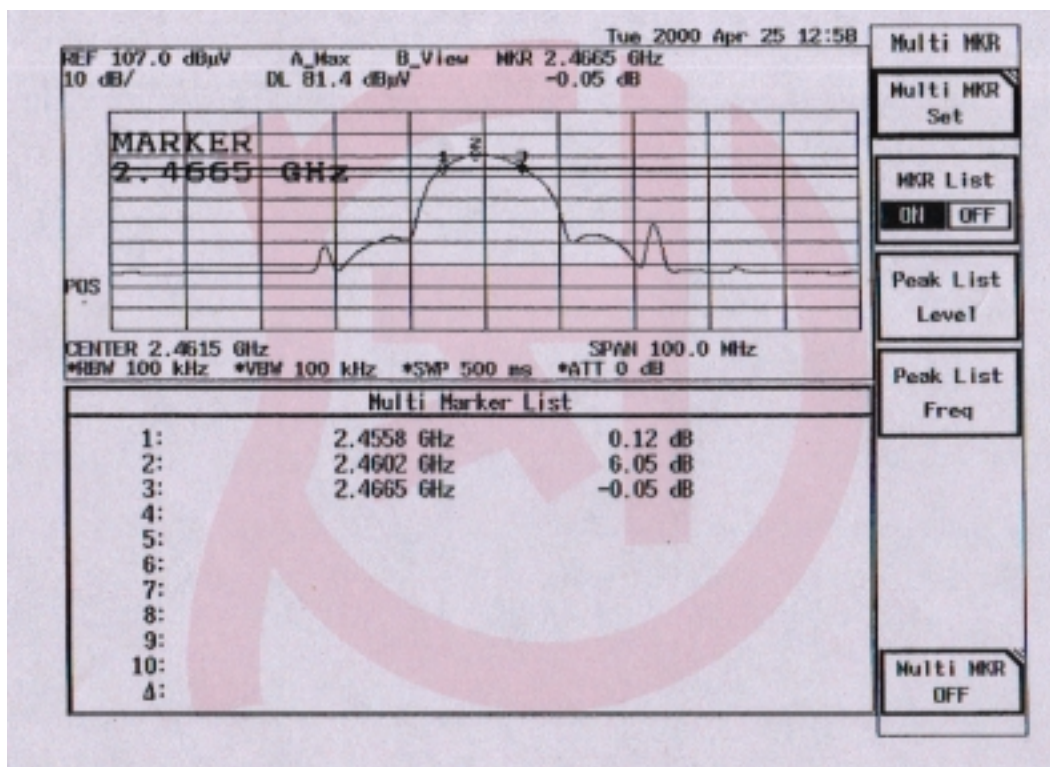


Occupied Bandwidth Data

Date of Test : APR. 24, 2000 EUT : Wireless Lan Card
 Test Mode : Channel 11 Test Site : Open Site 2

Channel No.	Frequency (MHz)	Measurement Level (KHz)	Required Limit (KHz)	Result
11	2460.2	10700	>500	Pass

Figure Channel 11:

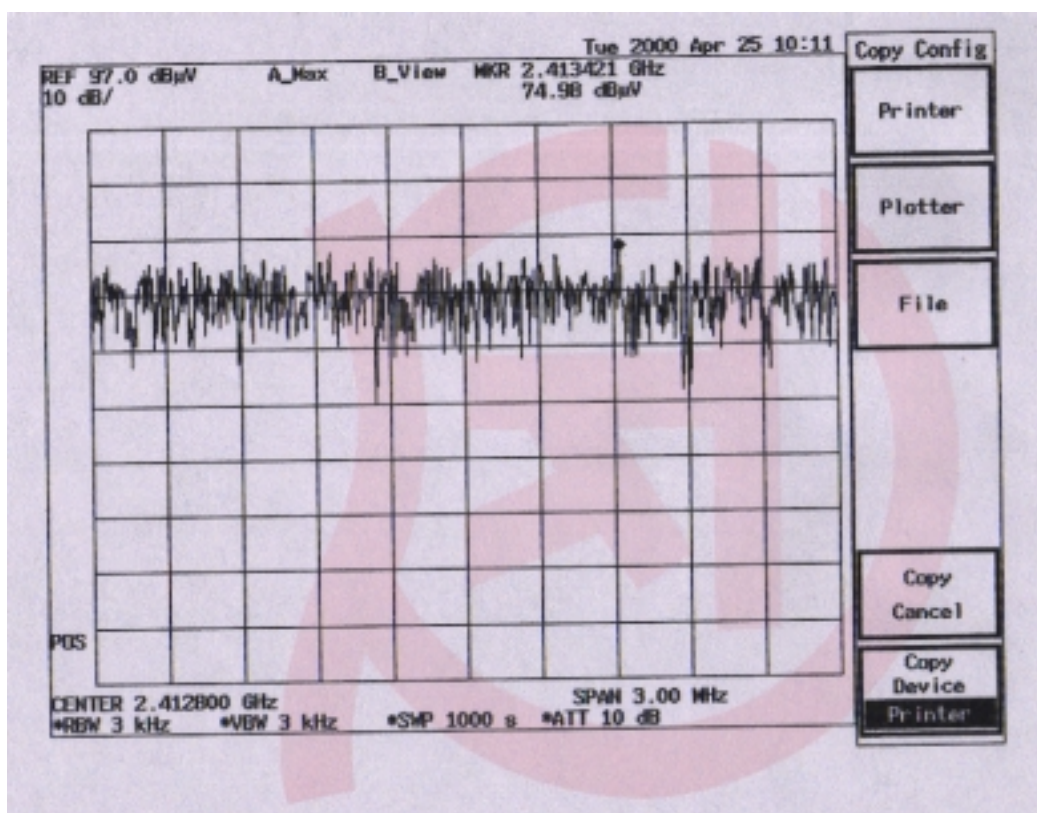


Transmitter Power Density Data

Date of Test : APR. 24, 2000 EUT : Wireless Lan Card
 Test Mode : Channel 1 Test Site : Open Site 2

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
1	2413.421	-21.65	<8dBm	Pass

Figure Channel 1:



REMARK:

$$E = (30PG)^{1/2} / R$$

P= the equivalent isotropic radiated power in watts

E= the maximum measured field strength in V/m

R= the measurement range (3 meters)

G= the numeric gain of the transmit antenna in relation to an isotropic radiator

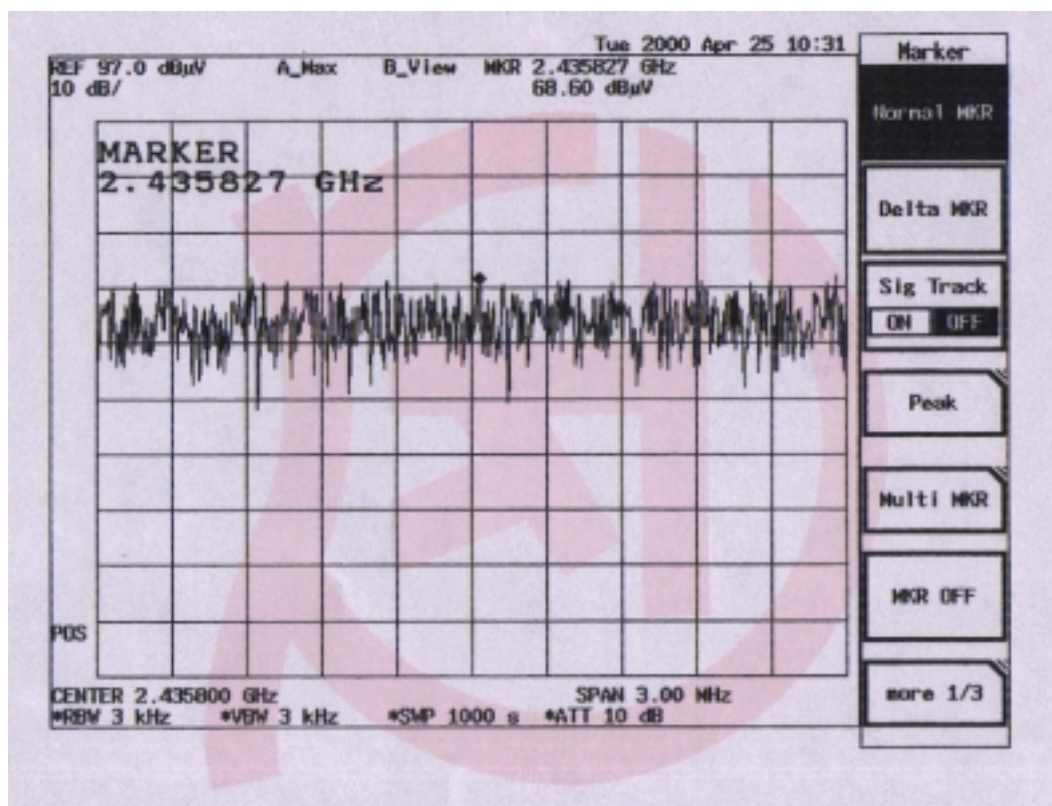


Transmitter Power Density Data

Date of Test : APR. 24, 2000 EUT : Wireless Lan Card
 Test Mode : Channel 6 Test Site : Open Site 2

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6	2435.827	-27.97	<8dBm	Pass

Figure Channel 6:



REMARK:

$$E = (30PG)^{1/2} / R$$

P= the equivalent isotropic radiated power in watts

E= the maximum measured field strength in V/m

R= the measurement range (3 meters)

G= the numeric gain of the transmit antenna in relation to an isotropic radiator

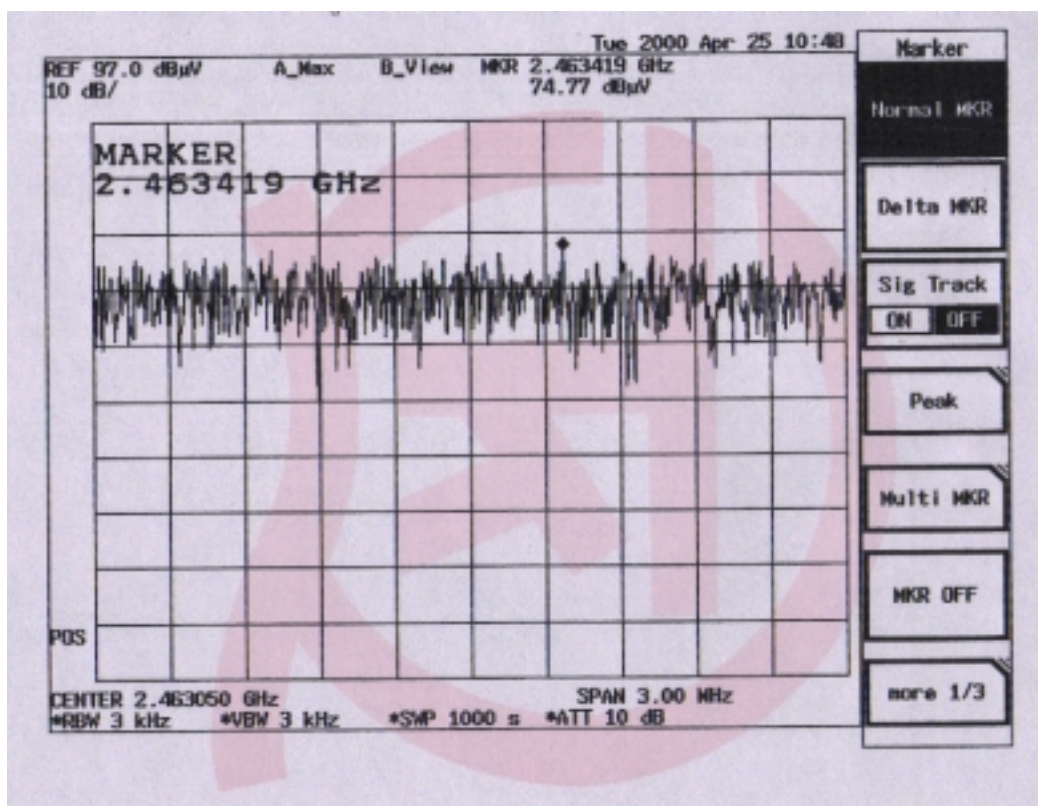


Transmitter Power Density Data

Date of Test : APR. 24, 2000 EUT : Wireless Lan Card
 Test Mode : Channel 11 Test Site : Open Site 2

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
11	2463.419	-21.67	<8dBm	Pass

Figure Channel 11:



REMARK:

$$E = (30PG)^{1/2} / R$$

P= the equivalent isotropic radiated power in watts

E= the maximum measured field strength in V/m

R= the measurement range (3 meters)

G= the numeric gain of the transmit antenna in relation to an isotropic radiator