Test Report

For

Applicant	**:**	**AMBIT Microsystems Corporation**
Equipment Type	**:**	**Wireless High Rate PC Card**
Model	**:**	**T60L198.00**
FCC ID	**:**	**MCLT60198**

Report No. : 00AH023FI

Test Report Certification

QuieTek Corporation

No.75-1, Wang-Yeh Valley, Yung-Hsing, Chiung-Lin,
Hsin-Chu County, Taiwan, R.O.C.
Tel : 886-3-592-8858, Fax: 886-3-592-8859
E-Mail : quietek@ms24.hinet.net

Accredited by NIST(NVLAP), VCCI, BSMI, DNV, TUV

Applicant	:	AMBIT Microsystems Corporation
Address	:	5F-1, 5 Hsin An Rd., Science-Based Industrial Park, Hsin Chu, Taiwan, R.O.C.
Equipment Type	:	Wireless High Rate PC Card
Model	:	T60L198.00
FCC ID.	:	MCLT60198
Measurement Standard	:	FCC Part 15 Subpart C Paragraph 15.247
Measurement Procedure	:	ANSI C63.4 /1992
Operation Voltage	:	DC 3.3V
Test Result	:	Complied
Test Date	:	Oct. 26, 2000
Report No.	:	00AH023FI

NVLAP®

The Test Results relate only to the samples tested.
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This report must not be used to claim product endorsement by NVLAP any agency of the U.S. Government

Documented by: Kim Hung	Test Engineer: Calien Kang	Approved: Kevin Wang

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1. General Information

1.1 EUT Description

Applicant	:	AMBIT Microsystems Corporation
Address	:	5F-1, 5 Hsin An Rd., Science-Based Industrial Park, Hsin Chu, Taiwan, R.O.C.
Equipment Type	:	Wireless High Rate PC Card
Model	:	T60L198.00
FCC ID	:	MCLT60198
Frequency Range	:	2400MHz to 2483.5MHz
Channel Number	:	11
Frequency of Each Channel Working Frequency	:	Channel 01: 2412MHz Channel 02: 2417 MHz Channel 03: 2422 MHz Channel 04: 2427MHz Channel 05: 2432MHz Channel 06: 2437MHz Channel 07: 2442MHz Channel 08: 2447MHz Channel 09: 2452MHz Channel 10: 2457MHz Channel 11: 2462MHz
Type of Modulation	:	Direct Sequence Spread Spectrum
Channel Control	:	By software
Operation Voltage	:	DC 3.3V

Note :

1. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart C Paragraph 15.247 for spread spectrum devices.
2. The receiver part was tested in report ”00AH023F” subjected to Part 15 paragraph 15.5.

1.2 Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

1.2.1 Notebook

Model Number	: Think Pad 570
Manufacturer	: IBM
Serial Number	: 27L8835
FCC ID	: DoC

Wireless High Rate PC Card

Model Number	: T60L198.00
Manufacturer	: AMBIT
Serial Number	: N/A
FCC ID	: MCLT60198
Power Adapter	: IBM, 02K6543
	Cable In : Non-shielded, 1.5m
	Cable Output : Non-shielded, 1.8m

1.2.2 Monitor

Model Number	: CM752ET-311
Serial Number	: T8D003312
FCC ID	: DoC
Manufacturer	: HITACHI
Data Cable	: Shielded, 1.6m
Power Cord	: Shielded, 1.8m

1.2.3 Mouse

Model Number	: M-S34
Serial Number	: LZB75078478
FCC ID	: DZL211029
Manufacturer	: HP
Data Cable	: Shielded, 1.8m

1.2.4 Mouse

Model Number	: M-UE55
Serial Number	: DVT-318
FCC ID	: DoC
Manufacturer	: Logitech
Data Cable	: Shielded, 1.8m

1.2.5 Printer

Model Number	: C2642A
Serial Number	: MY75J1D1D2
FCC ID	: B94C2642X
Manufacturer	: HP
Data Cable	: Shielded, 1.2m
Power Adapter	: NMB, C2175A
	Cable for AC IN: Non-shielded, 0.7m
	Cable for AC Out: Non-shielded, 1.5m

1.2.6 Modem

Model Number	: 1414
Serial Number	: 980033033
FCC ID	: IFAXDM1414
Manufacturer	: ACEEX
Data Cable	: Shielded, 1.5m
Power Adapter	: ACCEX, SCP41-91000A
	Cable Output : Shielded, 1.5m

1.2.7 Speaker

Model Number	: J-009
Serial Number	: 97-C-019790-T
FCC ID	: DoC
Manufacturer	: JS
Data Cable	: Non-shielded, 1.2m

1.2.8 Telephone

Model Number	: ST-206
Serial Number	: N/A
Manufacturer	: SENAO
Data Cable	: Non-shielded, 2m

1.2.9 Video Camera

Model Number	: Vcam 3X
Serial Number	: N/A
FCC ID	: DoC
Manufacturer	: Mustek
Data Cable (USB)	: Shielded, 1.5m

1.2.10 Walkman

Model Number	: TB-21984
Serial Number	: N/A
FCC ID	: DoC
Manufacturer	: TOBISHI
Data Cable	: Non-shielded, 1.6m

1.2.11 Earphone

Model Number	: PH136
Serial Number	: N/A
Manufacturer	: BSD
Data Cable	: Shielded, 1.2m

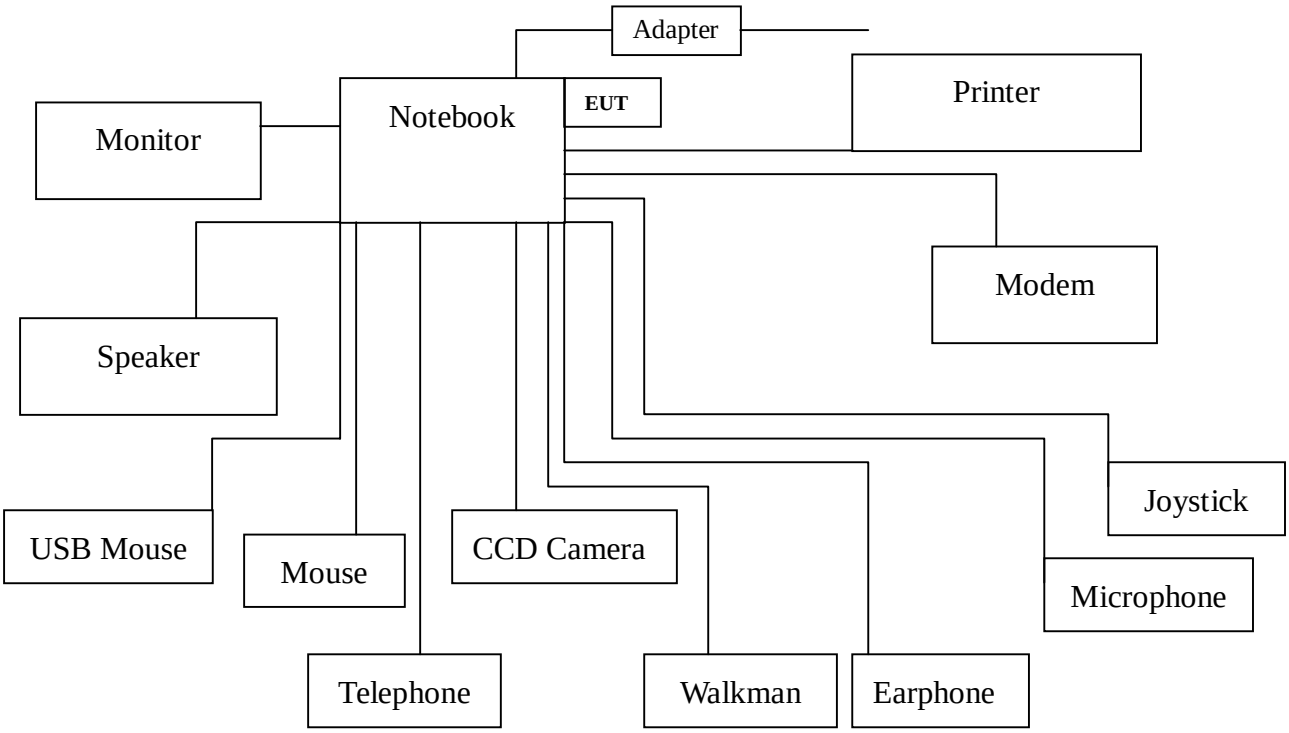
1.2.12 Microphone

Model Number	: CD-8000
Serial Number	: N/A
FCC ID	: DoC
Manufacturer	: AIWA
Data Cable	: Non-shielded, 1m

1.2.13 Joystick

Model Number	: 863132-0000
Serial Number	: ae83701004
FCC ID	: DZLBATMAN
Manufacturer	: Logitech
Data Cable	: Shielded, 2.0m

1.3 EUT Configuration



1.4 EUT Exercise Software

The EUT exercise program used during conducted testing was designed to exercise the EUT in a manner similar to a typical use. The exercise sequence is listed as below:

1.4.1 Setup the EUT and simulators as shown on 1.3.

1.4.2 Turn on the power of all equipment.

1.4.3 Personal Computer reads data from disk.

1.4.4 Data will be transmitted PC through EUT.

1.4.5 The transmission status will be shown on the monitor.

1.4.6 Repeat the above procedure 1.4.4 to 1.4.5

1.5 Test performed

Conducted emissions were invested over the frequency range from **0.45MHz to 30MHz** using a receiver bandwidth of 9kHz.

Radiated emissions were invested over the frequency range from **30MHz to 1000MHz** using a receiver bandwidth of 120kHz and the frequency range from **1GHz to 24GHz** using a receiver bandwidth of 1MHz.

Radiated testing was performed at an antenna to EUT distance of 3 meters.

1.6 Test Facility

Ambient conditions in the laboratory:

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	20-35
Humidity (%RH)	25-75	50-65
Barometric pressure (mbar)	860-1060	950-1000

Site Description: November 3, 1998 File on
Federal Communications Commission
FCC Engineering Laboratory
7435 Oakland Mills Road
Columbia, MD 21046
Reference 31040/SIT1300F2

September 30, 1998 Accreditation on NVLAP
NVLAP Lab Code: 200347-0

February 23, 1999 Accreditation on DNV
Statement No. : 413-99-LAB11

December 8, 1998 Registration on VCCI
Registration No. for No.2 Shielded Room C-858
Registration No. for No.1 Open Area Test Site R-823
Registration No. for No.2 Open Area Test Site R-835

January 04, 1999 Accreditation on TUV Rheinland
Certificate No.: I9865712-9901

Name of firm : QuieTek Corporation

Site location : No.75-1, Wang-Yeh Valley, Yung-Hsing Tsuen,
Chiung-Lin, Hsin-Chu County, Taiwan, R.O.C.

2. Conducted Emission

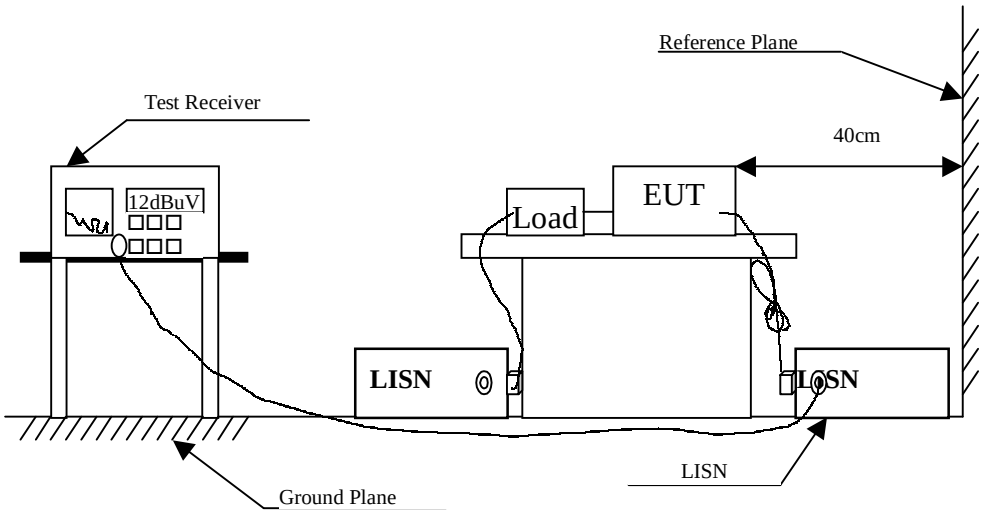
2.1 Test Equipment List

The following test equipment are used during the conducted emission test:

Item	Instrument	Manufacturer	Type No./Serial No	Last Cal.	Remark
1	Test Receiver	R & S	ESCS 30/825442/17	May, 2000	
2	L.I.S.N.	R & S	ESH3-Z5/825016/6	May, 2000	EUT
3	L.I.S.N.	Kyoritsu	KNW-407/8-1420-3	May, 2000	Peripherals
4	Pulse Limiter	R & S	ESH3-Z2	N/A	
5	N0.2 Shielded Room			N/A	

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

2.2 Test Setup



2.3 Limits

FCC Part 15 Paragraph 15.207 (dBuV)		
Frequency	Limits	
MHz	uV	dBuV
0.45 - 30	250	48.0

2.4 Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.)
Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4 /1992 on conducted measurement.
The bandwidth of the field strength meter (R & S Test Receiver ESCS 30) is set at 9kHz.

2.5 Test Results

The conducted emission from the EUT is measured and shown in Attachment 1. The acceptance criterion was met and the EUT passed the test.

3. Radiated Emission

3.1 Test Equipment

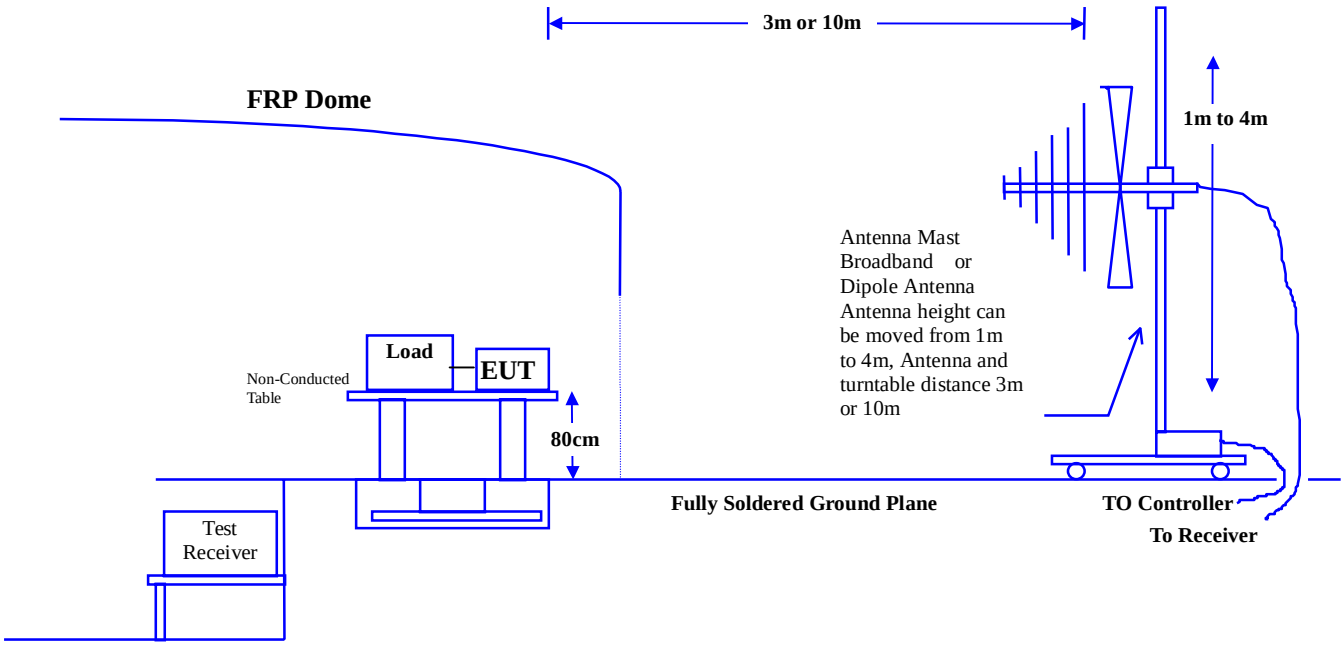
The following test equipment are used during the radiated emission test:

Test Site		Equipment	Manufacturer	Model No./Serial No.	Last Cal.
Site # 1	X	Test Receiver	R & S	ESCS 30 / 825442/14	May, 2000
		Spectrum Analyzer	Advantest	R3261C / 71720140	May, 2000
		Pre-Amplifier	HP	8447D/3307A01812	May, 2000
	X	Bilog Antenna	Chase	CBL6112B / 12452	Sep., 2000
	X	Horn Antenna	EM	EM6917 / 103325	May, 2000
Site # 2	X	Test Receiver	R & S	ESCS 30 / 825442/17	May, 2000
		Spectrum Analyzer	Advantest	R3261C / 71720609	May, 2000
		Pre-Amplifier	HP	8447D/3307A01814	May, 2000
	X	Bilog Antenna	Chase	CBL6112B / 2455	Sep., 2000
	X	Horn Antenna	EM	EM6917 / 103325	May, 2000

Note: 1. All equipment upon which need to calibrated are with calibration period of 1 year.

2.. Mark "X" test instruments are used to measure the final test results.

3.2 Test Setup



Spurious Emissions
(Band Edge Antenna Radiated)

3.3 Test Condition

Standard Temperature and Humidity, Standard Test Voltage

3.4 Limits

➢ General Radiated Emission Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

Frequency MHz	50dB below of the fundamental (dBuV/m @3m)	15.209 Limits (dBuV/m @3m)	General Radiated Limits (dBuV/m @3m)
30-88	40	40	40
88-216	43.5	43.5	43.5
216-960	44	46	46
Above 960	44	54	54

Remarks : 1. RF Line Voltage (dBuV) = 20 log RF Line Voltage (uV)

2. In the Above Table, the tighter limit applies at the band edges.

3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3.5 Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3 meters away from the receiving antenna which is mounted on an antenna tower. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Broadband antenna (calibrated bi-log and horn antenna) are used as a receiving antenna. Both horizontal and vertical polarization of the antenna are set on measurement. And a high frequency preamlifier were used increase the sensitivity of the measuring. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4-1992 on radiated measurement.

The additional latch filter below 1GHz was used to measure the level of harmonics radiated emission during field dtrength of harmonics measurement.

The bandwidth below 1GHz setting on the field strength meter (R&S Test Receiver ESCS 30) is 120 kHz, above 1GHz are 1 MHz.

The frequency range from **30MHz to 10th harminics** is checked.

3.6 Test Results

The radiated emission from the EUT is measured and shown in Attachment 1. The acceptance criterion was met and the EUT passed the test.

4. Occupied Bandwidth

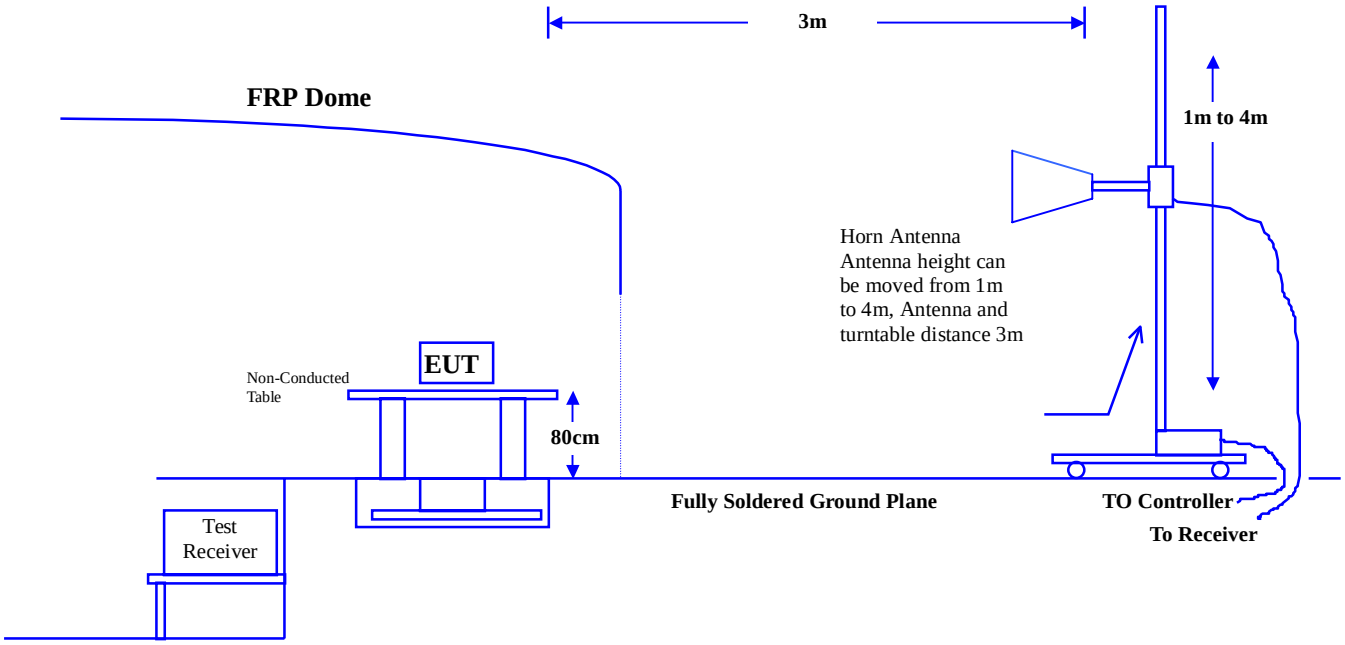
4.1 Test Equipment

The following test equipments are used during the radiated emission tests:

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Spectrum Analyzer	Advantest	R3272 / 72421194	May, 2000
X	Horn Antenna	EM	EM6917 / 103325	May, 2000

Note: 1. All equipment upon which need to calibrated are with calibration period of 1 year.
2. Mark "X" test instruments are used to measure the final test results.

4.2 Test Setup



4.3 Test Condition

Standard Temperature and Humidity, Standard Test Voltage

4.4 Standard Reqirement

The minimum bandwidth shall be at least 500kHz.

4.5 Occupied Bandwidth Data

See attached Attachment 1.

5. Peak Power Output

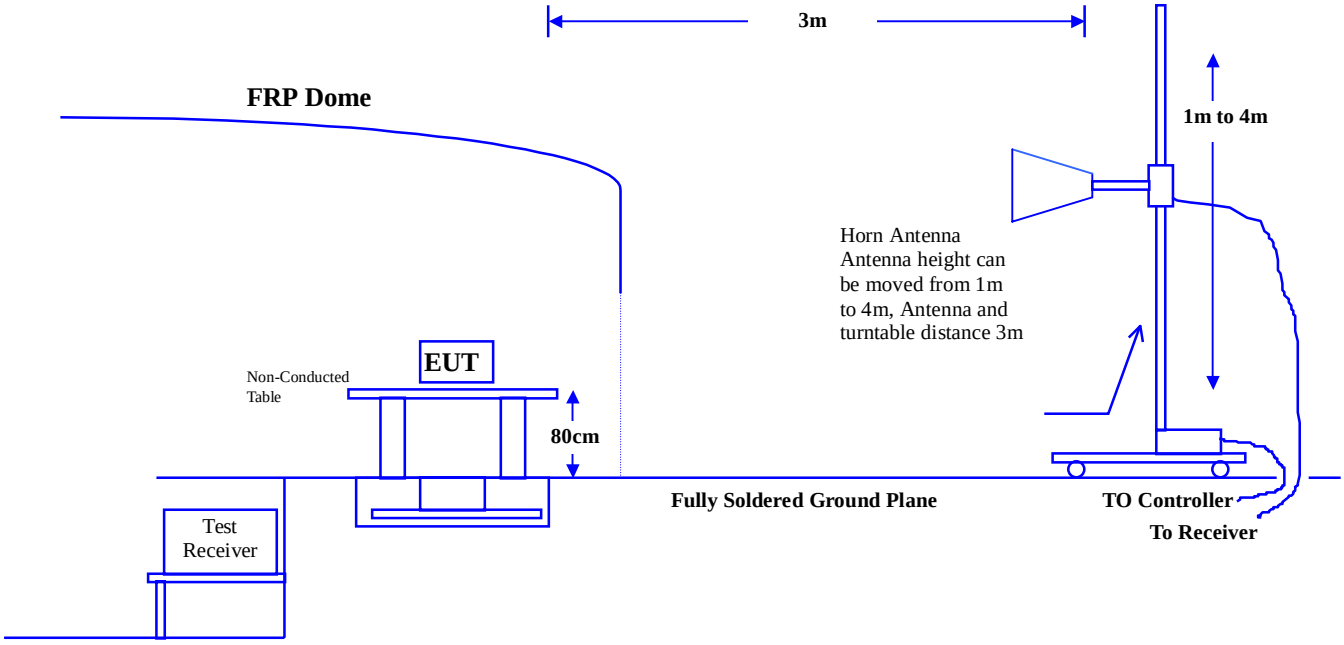
5.1 Test Equipment

The following test equipments are used during the radiated emission tests:

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Spectrum Analyzer	Advantest	R3272 / 72421194	May, 2000
X	Attenuator	HP		May, 2000
X	Horn Antenna	EM	EM6917 / 103325	May, 2000

Note: 1. All equipment upon which need to calibrated are with calibration period of 1 year.
2. Mark "X" test instruments are used to measure the final test results.

5.2 Test Setup



5.3 Test Condition

Standard Temperature and Humidity, Standard Test Voltage

5.4 Standard Reqirement

The maximum peak power shall be less 1 Watt.

5.5 Peak Power Output Data

See attached Attachment 1.

6. Transmitter Power Density

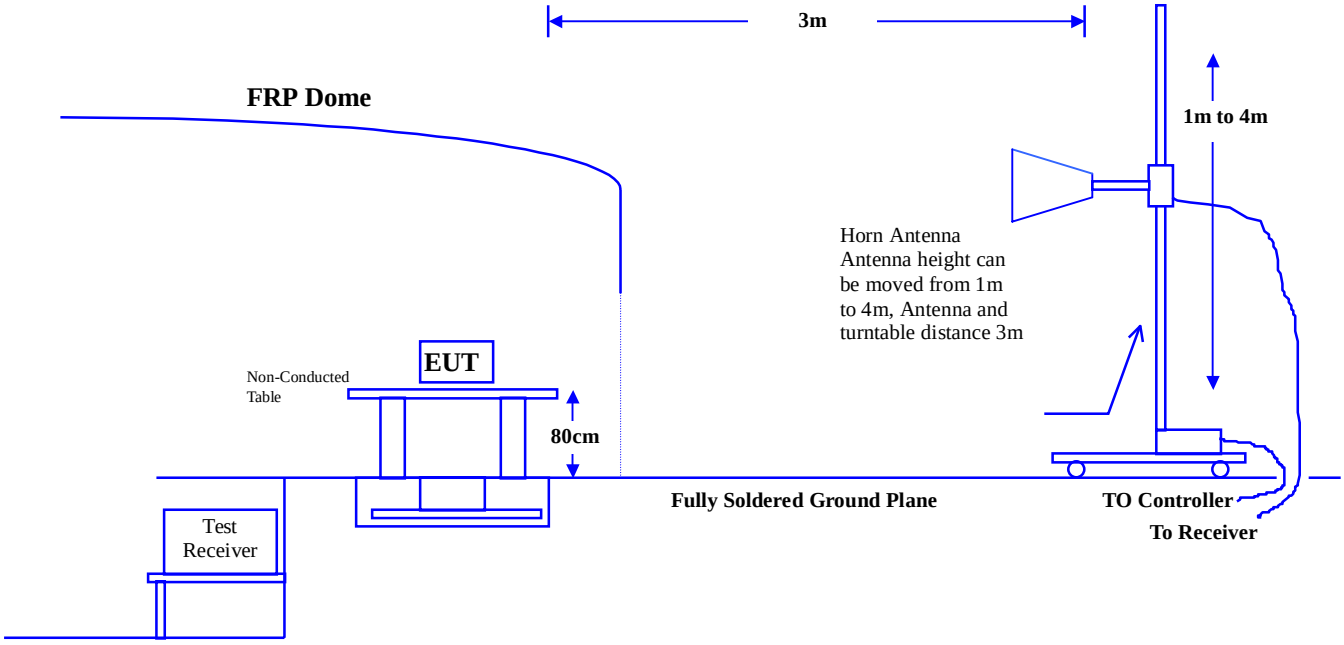
6.1 Test Equipment

The following test equipments are used during the radiated emission tests:

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Spectrum Analyzer	Advantest	R3272 / 72421194	May, 2000
X	Attenuator	HP		May, 2000
X	Horn Antenna	EM	EM6917 / 103325	May, 2000

Note: 1. All equipment upon which need to calibrated are with calibration period of 1 year.
2. Mark "X" test instruments are used to measure the final test results.

6.2 Test Setup



6.3 Test Condition

Standard Temperature and Humidity, Standard Test Voltage

6.4 Standard Reqirement

The transmitted power density averaged over any 1 second interval shall not be greater +8dBm in any 3kHz bandwidth.

6.5 Transmitter Power Density Data

See attached Attachment 1.

7. Processing Gain

7.1 Test Condition

Standard Temperature and Humidity, Standard Test Voltage

7.2 Minimum Standard

The processing gain shall be at least 10 dB.

7.3 Method of Measurement

The processing gain of this spread spectrum was measured the CW jamming method. The Section9.1 illustrates the measurement setup. The output power of the spread spectrum transmitter is fixed and the output power of jammed is adjustable. The frequency of iammer was stopped through the pass band of nominal channel in 50kHz steps. In each frequency step of the jammed, the output power of rammed is adjusted to cause the Bit Error Rate (BER) to be 1.0*10e-6. The power levels are recorded to calculate the J/S as shown in Table 1.

7.4 Calculation of Processing Gain:

The processing gain was determined by measuring the jamming margin of the EUT and using the following formula:

Gp = (S/N)o + Mj + Lsys

Where (S/N)o is the required signal to noise ratio at the receiver output
Mj is the jammer to signal ratio (J/S)
Lsys is the system loss

The (S/N)o is calculated from:

Pe = 1/2exp(-1/2(S/N)o) ; Pe = probability of error (BER)

For the Pe(BER) = 1.0*10e-6, the required (S/N)o is 14.2dB

From Measurement, the minimum J/S(Mj) is –3.4dB
We assume the system loss is 1dB.
Therefore the processing gain is calculated below:

Gp = (S/N)o + Mj + Lsys = 14.2 + (-3.4) + 1 = 11.8 (dB)

7.5 Processing Gain Data

See attached Attachment 1.

8. EMI Reduction Method During Compliance Testing

No modification was made during testing.

9. Attachment

Attachment 1: Summary of Test Results	Number of Pages: 51
Attachment 2: EUT Test Photographs	Number of Pages: 3
Attachment 3: EUT Detailed Photographs	Number of Pages: 5

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: < ± 2.0 dB
- Uncertainty in the field strength measured: < ± 4.0 dB

CONDUCTED EMISSION DATA

Date of Test	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 1	Detect Mode	:	Quasi-Peak

Frequency	Cable Loss	LISN Factor	Reading Level Line1	Measurement Level Line1	Limits
MHz	dB	dB	dBuV	dBuV	dBuV
0.465	0.06	0.10	34.50	34.66	48.00
0.595	0.07	0.10	31.47	31.64	48.00
0.595	0.07	0.10	31.79	31.96	48.00
0.727	0.08	0.10	30.55	30.73	48.00
4.369	0.19	0.16	38.71	39.07	48.00
5.563	0.21	0.17	35.08	35.47	48.00
*15.416	0.33	0.36	39.13	39.81	48.00

Frequency	Cable Loss	LISN Factor	Reading Level Line2	Measurement Level Line2	Limits
MHz	dB	dB	dBuV	dBuV	dBuV
0.462	0.06	0.10	29.03	29.19	48.00
0.595	0.07	0.10	27.20	27.37	48.00
0.727	0.08	0.10	26.77	26.95	48.00
4.368	0.19	0.16	35.03	35.39	48.00
5.364	0.21	0.17	31.30	31.68	48.00
*16.911	0.34	0.39	31.71	32.44	48.00

Remarks :

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

General Radiated Emission Data

Date of Test	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC 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
175.997	2.85	10.54	0.00	-1.56	11.82	31.68	43.50	139	88
219.991	3.30	10.18	0.00	10.66	24.14	21.86	46.00	200	114
396.010	4.71	16.57	0.00	2.66	23.94	22.06	46.00	217	166
484.006	5.17	17.62	0.00	6.26	29.05	16.95	46.00	285	188
571.996	5.74	18.78	0.00	-2.56	21.96	24.04	46.00	275	56
*747.999	6.78	20.29	0.00	2.68	29.75	16.25	46.00	275	171

Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Vertical	Margin	Limit	Ant	Turn
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
176.010	2.85	10.54	0.00	6.00	19.38	24.12	43.50	100	171
219.994	3.30	10.18	0.00	12.16	25.64	20.36	46.00	100	203
307.998	4.05	14.04	0.00	0.16	18.24	27.76	46.00	163	64
395.994	4.71	16.19	0.00	-1.26	19.64	26.36	46.00	163	118
484.001	5.17	17.34	0.00	4.64	27.15	18.85	46.00	117	77
571.987	5.74	19.15	0.00	3.56	28.45	17.55	46.00	100	110
659.987	6.14	19.32	0.00	2.14	27.60	18.40	46.00	100	73
*748.006	6.78	20.18	0.00	3.88	30.84	15.16	46.00	182	43

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	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 6	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
132.540	2.39	12.64	0.00	4.10	19.13	24.37	43.50	398	159
175.989	2.85	10.54	0.00	11.72	25.10	18.40	43.50	116	133
*219.993	3.30	10.18	0.00	21.28	34.76	11.24	46.00	140	95
255.210	3.49	13.31	0.00	7.52	24.32	21.68	46.00	157	96
364.899	4.59	16.10	0.00	8.40	29.09	16.91	46.00	157	33
484.001	5.17	17.62	0.00	3.90	26.69	19.31	46.00	361	56
528.059	5.42	17.93	0.00	5.20	28.55	17.45	46.00	282	103
747.974	6.78	20.29	0.00	4.30	31.37	14.63	46.00	269	102

Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Vertical	Margin	Limit	Ant	Turn
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
175.986	2.85	8.27	0.00	2.84	13.96	29.54	43.50	99	164
220.009	3.30	9.91	0.00	11.52	24.73	21.27	46.00	99	203
308.001	4.05	14.04	0.00	1.28	19.36	26.64	46.00	99	203
483.986	5.17	17.34	0.00	4.92	27.43	18.57	46.00	116	117
528.061	5.42	17.89	0.00	5.88	29.19	16.81	46.00	132	1
571.999	5.74	19.15	0.00	0.64	25.53	20.47	46.00	116	203
*747.977	6.78	20.18	0.00	3.42	30.38	15.62	46.00	153	123

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	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 11	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
176.000	2.85	10.54	0.00	-1.58	11.80	31.70	43.50	116	144
*220.000	3.30	10.18	0.00	22.70	36.18	9.82	46.00	151	91
264.056	3.57	13.79	0.00	5.84	23.20	22.80	46.00	153	149
308.001	4.05	13.66	0.00	5.78	23.49	22.51	46.00	100	47
395.989	4.71	16.57	0.00	4.50	25.78	20.22	46.00	100	151
483.990	5.17	17.62	0.00	6.12	28.91	17.09	46.00	300	172
528.054	5.42	17.93	0.00	7.02	30.37	15.63	46.00	237	133
748.001	6.78	20.29	0.00	3.10	30.17	15.83	46.00	278	175

Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Vertical	Margin	Limit	Ant	Turn
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
131.996	2.38	11.50	0.00	5.22	19.10	24.40	43.50	100	203
175.999	2.85	8.27	0.00	3.40	14.52	28.98	43.50	100	17
219.997	3.30	9.91	0.00	8.56	21.77	24.23	46.00	101	203
308.006	4.05	14.04	0.00	-0.50	17.58	28.42	46.00	100	14
483.983	5.17	17.34	0.00	6.14	28.65	17.35	46.00	127	85
528.076	5.42	17.89	0.00	1.04	24.35	21.65	46.00	127	160
571.993	5.74	19.15	0.00	2.14	27.03	18.97	46.00	126	127
*747.996	6.78	20.18	0.00	4.54	31.50	14.50	46.00	186	49

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

Harmonic Radiated Emission Data

Date of Test	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC 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	34.77	42.89	47.89	26.11	74.00	0	0
7238.300	8.32	36.24	34.90	39.86	<49.52	24.48	74.00	0	0
9652.000	10.18	37.43	35.10	40.55	<53.06	20.94	74.00	0	0
12067.20	11.91	39.13	34.65	40.92	<57.31	16.69	74.00	0	0
Average									
12064.91	11.91	39.13	34.65	27.16	<43.55	10.45	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	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 1	Test Site	:	Open Site 2

Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Vertical	Margin	Limit	Ant	Turn
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
Peak									
4825.000	6.27	33.50	34.77	43.20	48.20	25.80	74.00	0	0
7239.100	8.32	36.24	34.90	39.69	<49.35	24.65	74.00	0	0
9649.100	10.18	37.43	35.10	41.47	<53.98	20.02	74.00	0	0
12065.20	11.91	39.13	34.65	40.19	<56.58	17.42	74.00	0	0
Average									
12064.91	11.91	39.13	34.65	27.14	<43.53	10.47	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	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 6	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									
4873.000	6.32	33.56	34.75	41.12	46.25	27.75	74.00	0	0
7313.200	8.38	36.31	34.90	39.05	<48.83	25.17	74.00	0	0
9752.600	10.25	37.45	35.10	41.09	<53.69	20.31	74.00	0	0
12191.40	11.99	39.17	34.55	40.13	<56.75	17.25	74.00	0	0
Average									
12190.71	11.99	39.17	34.55	27.02	<43.64	10.36	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	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 6	Test Site	:	Open Site 2

Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Vertical	Margin	Limit	Ant	Turn
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
Peak									
4874.000	6.32	33.56	34.75	41.52	46.65	27.35	74.00	0	0
7312.400	8.38	36.31	34.90	38.98	<48.76	25.24	74.00	0	0
9752.000	10.25	37.45	35.10	39.45	<52.05	21.95	74.00	0	0
12191.20	11.99	39.17	34.55	40.65	<57.27	16.73	74.00	0	0
Average									
12190.61	11.99	39.17	34.55	26.90	<43.52	10.48	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	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 11	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									
4927.100	6.37	33.62	34.73	40.21	45.47	28.53	74.00	0	0
7386.300	8.45	36.39	34.90	39.04	<48.98	25.02	74.00	0	0
9850.000	10.32	37.47	35.10	40.00	<52.68	21.32	74.00	0	0
12312.20	12.07	39.22	34.46	39.36	<56.20	17.80	74.00	0	0
Average									
12312.36	12.07	39.22	34.46	27.26	<44.10	9.90	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	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 11	Test Site	:	Open Site 2

Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Vertical	Margin	Limit	Ant	Turn
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
Peak									
4926.500	6.37	33.62	34.73	39.75	45.01	28.99	74.00	0	0
7389.600	8.45	36.39	34.90	39.34	<49.28	24.72	74.00	0	0
9848.200	10.32	37.47	35.10	40.05	<52.73	21.27	74.00	0	0
12310.60	12.07	39.22	34.46	39.76	<56.60	17.40	74.00	0	0
Average									
12311.56	12.07	39.22	34.46	27.06	<43.90	10.10	54.00	0	0

Remarks:

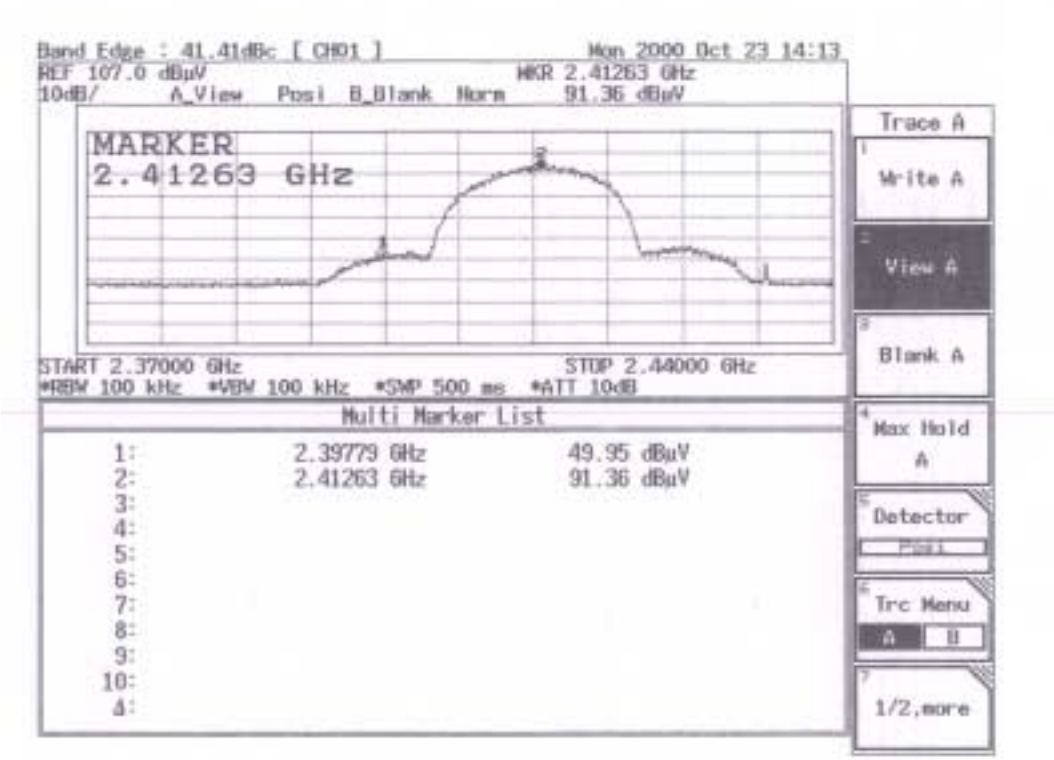
1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss
4. The average measurement was not performed when the peak measured data under the limit of average detection.

Band Edge Data

Date of Test	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 1	Test Site	:	Open Site 2

Channel No.	Frequency (MHz)	Measurement Frequency (MHz)	Measurement level (dBc)	Required Limit (dBc)	Result
1	<2400	2397.79	41.41	>20	Pass

Figure:

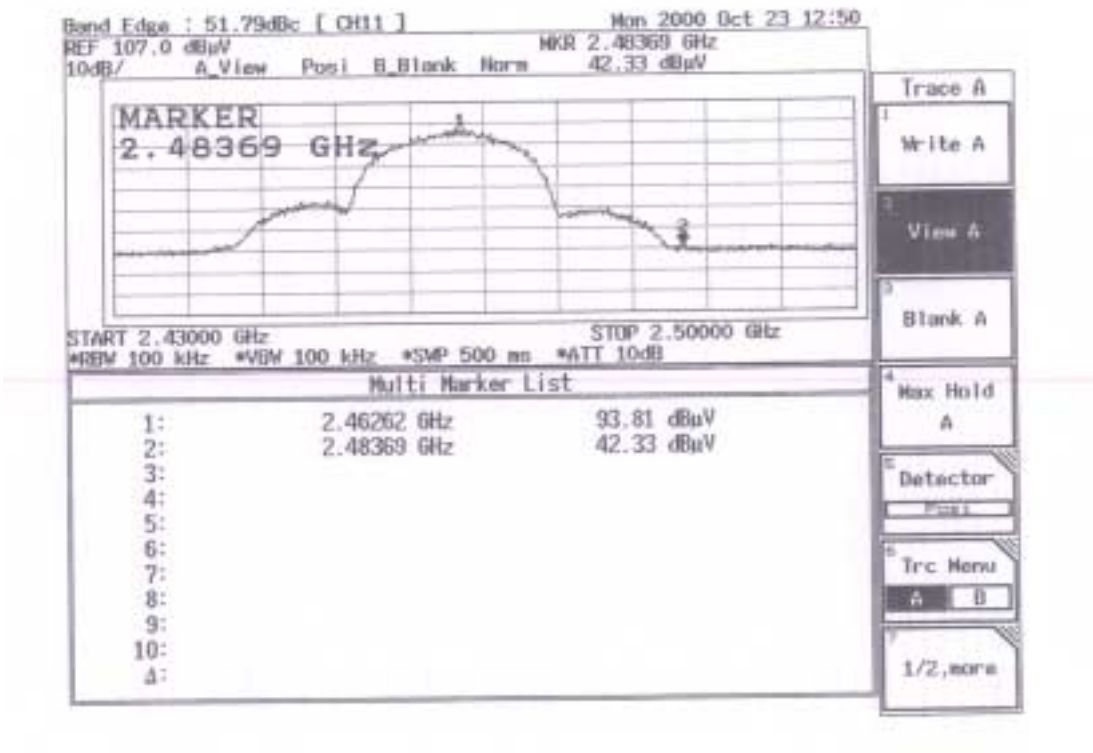


Band Edge Data

Date of Test	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 11	Test Site	:	Open Site 2

Channel No.	Frequency (MHz)	Measurement Frequency (MHz)	Measurement level (dBc)	Required Limit (dBc)	Result
11	>2483.5	2483.69	42.33	>20	Pass

Figure:

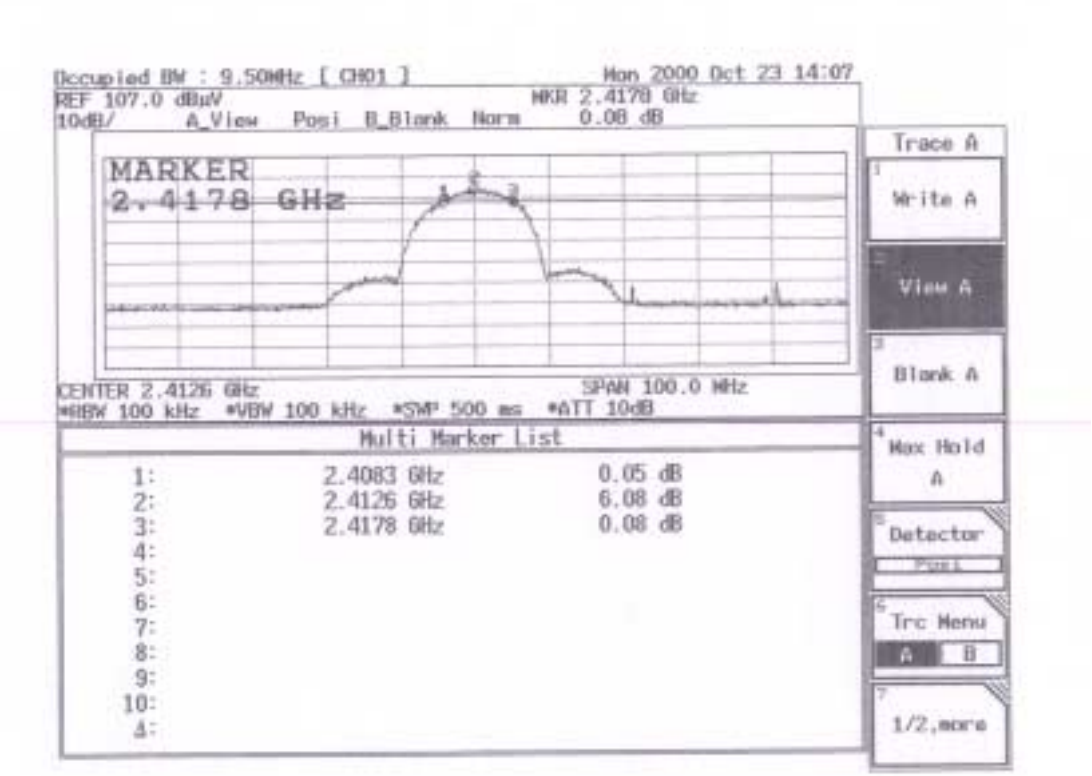


Occupied Bandwidth Data

Date of Test	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 1	Test Site	:	Open Site 2

Channel No.	Frequency (MHz)	Measurement Level (KHz)	Required Limit (KHz)	Result
1	2412.6	9500	>500	Pass

Figure Channel 1:

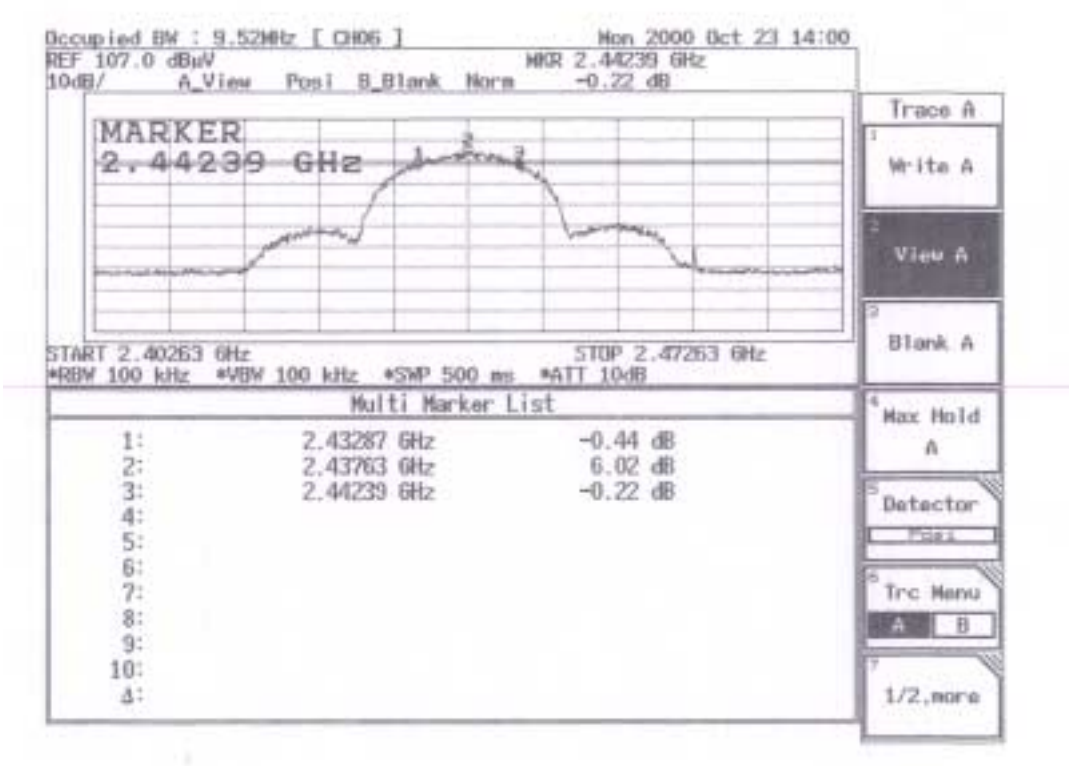


Occupied Bandwidth Data

Date of Test	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 6	Test Site	:	Open Site 2

Channel No.	Frequency (MHz)	Measurement Level (KHz)	Required Limit (KHz)	Result
6	2437.63	9520	>500	Pass

Figure Channel 6:

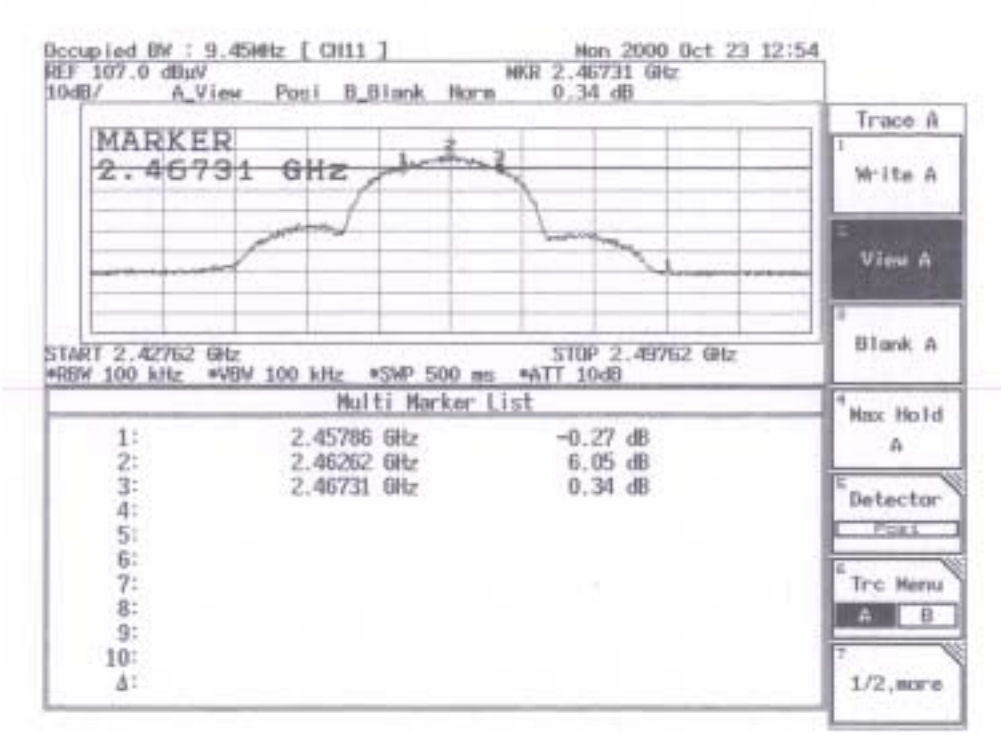


Occupied Bandwidth Data

Date of Test	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 11	Test Site	:	Open Site 2

Channel No.	Frequency (MHz)	Measurement Level (KHz)	Required Limit (KHz)	Result
11	2462.62	9450	>500	Pass

Figure Channel 11:



Peak Power Output Data

Date of Test	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Normal	Test Site	:	Open Site 2

HORIZONTAL

Channel No.	Frequency(MHz)	Measurement	Required Limit	Result
1	2413.00	5.85 dBm	1Watt= 30 dBm	Pass
6	2438.70	4.26 dBm	1Watt= 30 dBm	Pass
11	2463.00	3.14 dBm	1Watt= 30 dBm	Pass

VERTICAL

Channel No.	Frequency(MHz)	Measurement	Required Limit	Result
1	2413.00	7.16 dBm	1Watt= 30 dBm	Pass
6	2437.90	5.17 dBm	1Watt= 30 dBm	Pass
11	2463.10	4.86 dBm	1Watt= 30 dBm	Pass

REMARK:

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

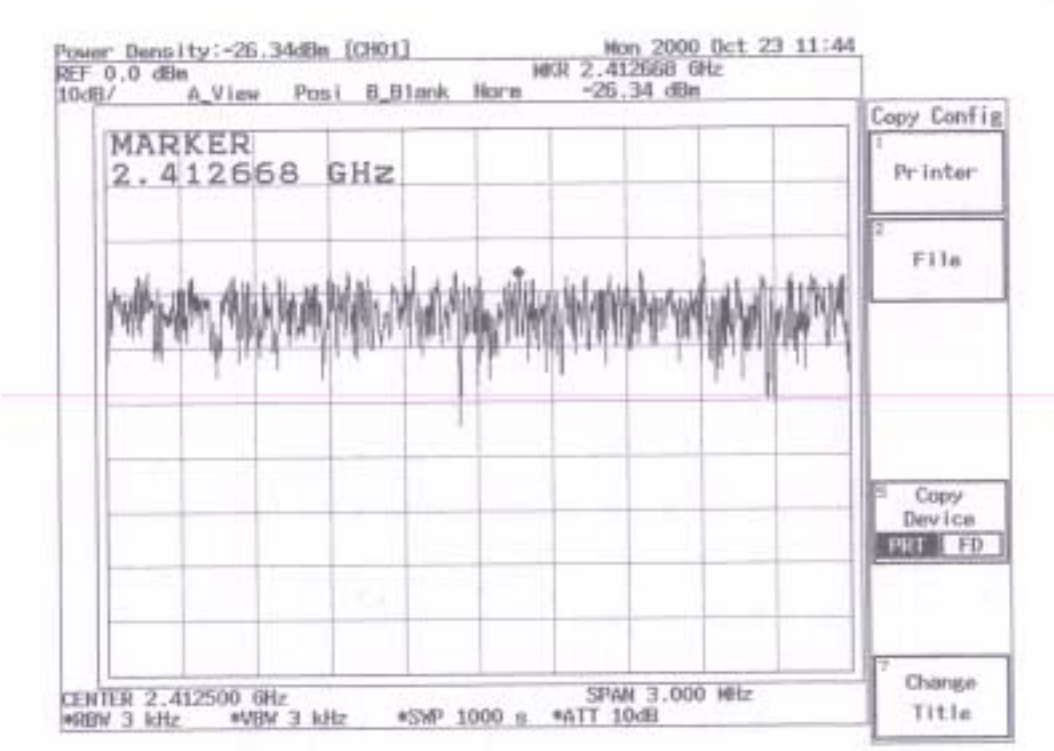
P= the equivalent isotropic radiated power in watts
E= the maximum measured field strength in V/m
R= the measurement range (3 meters)
G= the numeric gain of the transmit antenna relates to an isotropic radiator

Transmitter Power Density Data

Date of Test	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 1	Test Site	:	Open Site 2

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
1	2412.668	-26.34	<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)

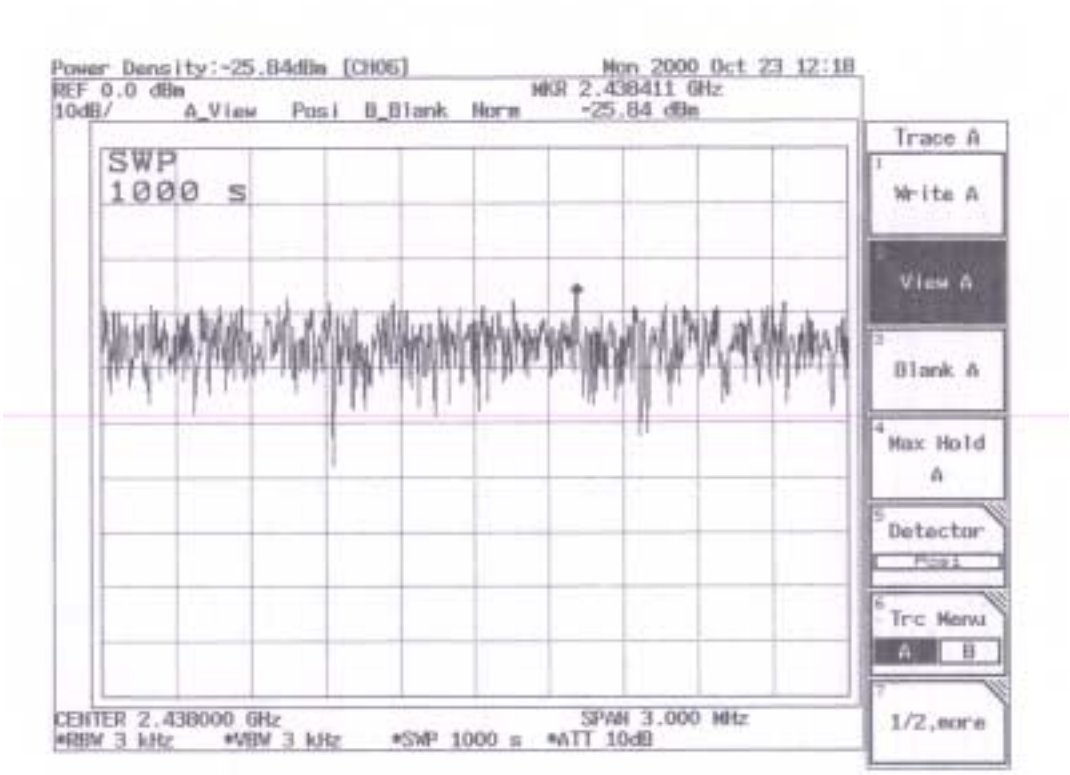
G= the numeric gain of the transmit antenna in relation to an isotropic radiator

Transmitter Power Density Data

Date of Test	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 6	Test Site	:	Open Site 2

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6	2438	-25.84	<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)

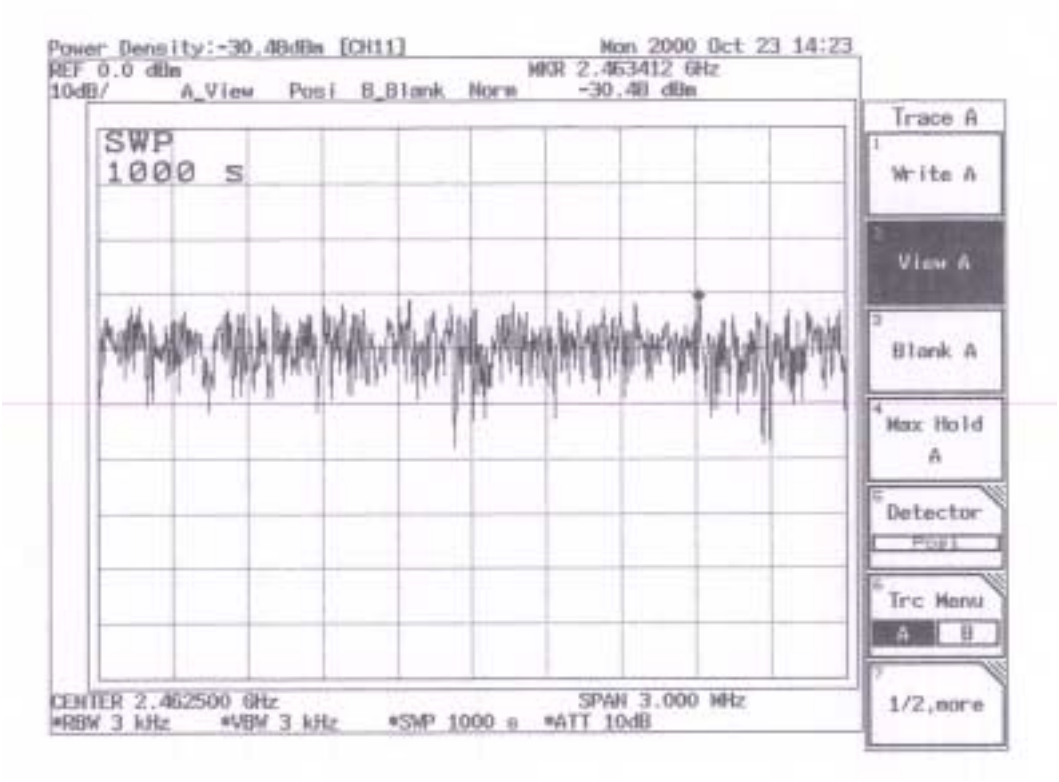
G= the numeric gain of the transmit antenna in relation to an isotropic radiator

Transmitter Power Density Data

Date of Test	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC 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

Processing Gain Data

Date of Test	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 1	Test Site	:	Open Site 2

Freq (GHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	LVL (dBm)	FER
2.4035	19.4	16.4	1	2	-39	7.4	6.2
2.40355	19	16.4	0.6	2	-39.4	7	5.2
2.4036	19.1	16.4	0.7	2	-39.3	7.1	5.5
2.40365	19.3	16.4	0.9	2	-39.1	7.3	6.1
2.4037	19.7	16.4	1.3	2	-38.7	7.7	7.1
2.40375	19.6	16.4	1.2	2	-38.8	7.6	6.9
2.4038	19.7	16.4	1.3	2	-38.7	7.7	7.2
2.40385	19.2	16.4	0.8	2	-39.2	7.2	5.8
2.4039	19.6	16.4	1.2	2	-38.8	7.6	6.9
2.40395	19.5	16.4	1.1	2	-38.9	7.5	6.7
2.404	19.4	16.4	1	2	-39	7.4	6.4
2.40405	19.6	16.4	1.2	2	-38.8	7.6	6.8
2.4041	19.9	16.4	1.5	2	-38.5	7.9	7.9
2.40415	19	16.4	0.6	2	-39.4	7	5
2.4042	19.9	16.4	1.5	2	-38.5	7.9	7.8
2.40425	19.4	16.4	1	2	-39	7.4	6.2
2.4043	18.5	16.4	0.1	2	-39.9	6.5	6.7
2.40435	18	16.4	-0.4	2	-40.4	6	5.2
2.4044	18.7	16.4	0.3	2	-39.7	6.7	7.1
2.40445	18.3	16.4	-0.1	2	-40.1	6.3	5.9
2.4045	18.2	16.4	-0.2	2	-40.2	6.2	5.8
2.40455	18.7	16.4	0.3	2	-39.7	6.7	7.3
2.4046	18.4	16.4	0	2	-40	6.4	6.4
2.40465	18.7	16.4	0.3	2	-39.7	6.7	7.3
2.4047	18.6	16.4	0.2	2	-39.8	6.6	6.8
2.40475	18.1	16.4	-0.3	2	-40.3	6.1	5.5
2.4048	18.8	16.4	0.4	2	-39.6	6.8	7.4
2.40485	18.5	16.4	0.1	2	-39.9	6.5	6.7

Freq (GHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	LVL (dBm)	FER
2.4049	18.2	16.4	-0.2	2	-40.2	6.2	5.7
2.40495	18.6	16.4	0.2	2	-39.8	6.6	7
2.405	18.6	16.4	0.2	2	-39.8	6.6	6.9
2.40505	18.5	16.4	0.1	2	-39.9	6.5	6.6
2.4051	18.3	16.4	-0.1	2	-40.1	6.3	6
2.40515	18.1	16.4	-0.3	2	-40.3	6.1	5.4
2.4052	18.2	16.4	-0.2	2	-40.2	6.2	5.8
2.40525	17.8	16.4	-0.6	2	-40.6	5.8	7.5
2.4053	17.6	16.4	-0.8	2	-40.8	5.6	7
2.40535	17.4	16.4	-1	2	-41	5.4	6.2
2.4054	17.8	16.4	-0.6	2	-40.6	5.8	7.4
2.40545	17.2	16.4	-1.2	2	-41.2	5.2	5.7
2.4055	17.1	16.4	-1.3	2	-41.3	5.1	5.4
2.40555	17.1	16.4	-1.3	2	-41.3	5.1	5.4
2.4056	17.8	16.4	-0.6	2	-40.6	5.8	7.6
2.40565	17	16.4	-1.4	2	-41.4	5	5
2.4057	17.9	16.4	-0.5	2	-40.5	5.9	7.7
2.40575	16.9	16.4	-1.5	2	-41.5	4.9	7.7
2.4058	16.1	16.4	-2.3	2	-42.3	4.1	5.4
2.40585	16.8	16.4	-1.6	2	-41.6	4.8	7.6
2.4059	16.8	16.4	-1.6	2	-41.6	4.8	7.5
2.40595	16	16.4	-2.4	2	-42.4	4	5.2
2.406	16.9	16.4	-1.5	2	-41.5	4.9	7.7
2.40605	16.3	16.4	-2.1	2	-42.1	4.3	6.1
2.4061	16.1	16.4	-2.3	2	-42.3	4.1	5.3
2.40615	16.3	16.4	-2.1	2	-42.1	4.3	6
2.4062	16.8	16.4	-1.6	2	-41.6	4.8	7.4
2.40625	16.7	16.4	-1.7	2	-41.7	4.7	7.2
2.4063	16.4	16.4	-2	2	-42	4.4	6.2
2.40635	15.8	16.4	-2.6	2	-42.6	3.8	7.5
2.4064	15.1	16.4	-3.3	2	-43.3	3.1	5.3
2.40645	15.9	16.4	-2.5	2	-42.5	3.9	7.8
2.4065	15.9	16.4	-2.5	2	-42.5	3.9	7.7

2.40655	15.7	16.4	-2.7	2	-42.7	3.7	7.1
Freq (GHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	LVL (dBm)	FER
2.4066	15.5	16.4	-2.9	2	-42.9	3.5	6.7
2.40665	15.3	16.4	-3.1	2	-43.1	3.3	6.1
2.4067	15	16.4	-3.4	2	-43.4	3	5.1
2.40675	15.7	16.4	-2.7	2	-42.7	3.7	7.3
2.4068	15.7	16.4	-2.7	2	-42.7	3.7	7.3
2.40685	15.4	16.4	-3	2	-43	3.4	6.3
2.4069	15.6	16.4	-2.8	2	-42.8	3.6	6.9
2.40695	14.4	16.4	-4	2	-44	2.4	6.4
2.407	14.1	16.4	-4.3	2	-44.3	2.1	5.4
2.40705	14.3	16.4	-4.1	2	-44.1	2.3	6.1
2.4071	14.4	16.4	-4	2	-44	2.4	6.3
2.40715	14	16.4	-4.4	2	-44.4	2	5
2.4072	14.8	16.4	-3.6	2	-43.6	2.8	7.5
2.40725	14.5	16.4	-3.9	2	-43.9	2.5	6.7
2.4073	14.1	16.4	-4.3	2	-44.3	2.1	5.4
2.40735	14.5	16.4	-3.9	2	-43.9	2.5	6.6
2.4074	14.9	16.4	-3.5	2	-43.5	2.9	7.9
2.40745	13.9	16.4	-4.5	2	-44.5	1.9	7.7
2.4075	13	16.4	-5.4	2	-45.4	1	5.1
2.40755	13.4	16.4	-5	2	-45	1.4	6.2
2.4076	13.2	16.4	-5.2	2	-45.2	1.2	5.6
2.40765	13.5	16.4	-4.9	2	-44.9	1.5	6.5
2.4077	13.4	16.4	-5	2	-45	1.4	6.2
2.40775	13.6	16.4	-4.8	2	-44.8	1.6	6.9
2.4078	13	16.4	-5.4	2	-45.4	1	5.1
2.40785	13.7	16.4	-4.7	2	-44.7	1.7	7.1
2.4079	13.1	16.4	-5.3	2	-45.3	1.1	5.4
2.40795	13.1	16.4	-5.3	2	-45.3	1.1	5.3
2.408	12.3	16.4	-6.1	2	-46.1	0.3	5.9
2.40805	12.2	16.4	-6.2	2	-46.2	0.2	5.8
2.4081	12.6	16.4	-5.8	2	-45.8	0.6	7
2.40815	12	16.4	-6.4	2	-46.4	0	5

2.4082	12.3	16.4	-6.1	2	-46.1	0.3	6
2.40825	12.8	16.4	-5.6	2	-45.6	0.8	7.5
Freq	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	LVL	FER
(GHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(dBm)	
2.4083	12.1	16.4	-6.3	2	-46.3	0.1	5.3
2.40835	12	16.4	-6.4	2	-46.4	0	5.2
2.4084	12.7	16.4	-5.7	2	-45.7	0.7	7.3
2.40845	12.9	16.4	-5.5	2	-45.5	0.9	7.7
2.4085	12.3	16.4	-6.1	2	-46.1	0.3	6.1
2.40855	12.9	16.4	-5.5	2	-45.5	0.9	7.7
2.4086	12	16.4	-6.4	2	-46.4	0	5.1
2.40865	12.1	16.4	-6.3	2	-46.3	0.1	5.4
2.4087	12.4	16.4	-6	2	-46	0.4	6.3
2.40875	12.2	16.4	-6.2	2	-46.2	0.2	5.7
2.4088	12.1	16.4	-6.3	2	-46.3	0.1	5.4
2.40885	12.7	16.4	-5.7	2	-45.7	0.7	7.3
2.4089	12	16.4	-6.4	2	-46.4	0	5.2
2.40895	12.7	16.4	-5.7	2	-45.7	0.7	7.1
2.409	11.7	16.4	-6.7	2	-46.7	-0.3	7.2
2.40905	11.1	16.4	-7.3	2	-47.3	-0.9	5.3
2.4091	11	16.4	-7.4	2	-47.4	-1	5
2.40915	11.2	16.4	-7.2	2	-47.2	-0.8	5.6
2.4092	11.2	16.4	-7.2	2	-47.2	-0.8	5.7
2.40925	11.6	16.4	-6.8	2	-46.8	-0.4	6.8
2.4093	11.5	16.4	-6.9	2	-46.9	-0.5	6.7
2.40935	11	16.4	-7.4	2	-47.4	-1	5
2.4094	11.6	16.4	-6.8	2	-46.8	-0.4	7
2.40945	11.4	16.4	-7	2	-47	-0.6	6.2
2.4095	11	16.4	-7.4	2	-47.4	-1	5.2
2.40955	11.2	16.4	-7.2	2	-47.2	-0.8	5.8
2.4096	11.8	16.4	-6.6	2	-46.6	-0.2	7.6
2.40965	11.1	16.4	-7.3	2	-47.3	-0.9	5.3
2.4097	11.1	16.4	-7.3	2	-47.3	-0.9	5.4
2.40975	11.1	16.4	-7.3	2	-47.3	-0.9	5.5
2.4098	11.8	16.4	-6.6	2	-46.6	-0.2	7.6

2.40985	11.6	16.4	-6.8	2	-46.8	-0.4	6.8
2.4099	11.7	16.4	-6.7	2	-46.7	-0.3	7.3
2.40995	11.5	16.4	-6.9	2	-46.9	-0.5	6.5
Freq	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	LVL	FER
(GHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(dBm)	
2.41	11.3	16.4	-7.1	2	-47.1	-0.7	6
2.41005	11.2	16.4	-7.2	2	-47.2	-0.8	5.7
2.4101	11.9	16.4	-6.5	2	-46.5	-0.1	7.9
2.41015	11.2	16.4	-7.2	2	-47.2	-0.8	5.7
2.4102	11.2	16.4	-7.2	2	-47.2	-0.8	5.6
2.41025	11.1	16.4	-7.3	2	-47.3	-0.9	5.3
2.4103	11.9	16.4	-6.5	2	-46.5	-0.1	7.7
2.41035	11.3	16.4	-7.1	2	-47.1	-0.7	6.1
2.4104	11.4	16.4	-7	2	-47	-0.6	6.3
2.41045	11.9	16.4	-6.5	2	-46.5	-0.1	7.7
2.4105	11.9	16.4	-6.5	2	-46.5	-0.1	7.8
2.41055	11.8	16.4	-6.6	2	-46.6	-0.2	7.6
2.4106	11.9	16.4	-6.5	2	-46.5	-0.1	7.7
2.41065	11.1	16.4	-7.3	2	-47.3	-0.9	5.3
2.4107	11.4	16.4	-7	2	-47	-0.6	6.3
2.41075	11.5	16.4	-6.9	2	-46.9	-0.5	6.6
2.4108	11.9	16.4	-6.5	2	-46.5	-0.1	7.9
2.41085	11.7	16.4	-6.7	2	-46.7	-0.3	7.1
2.4109	11.8	16.4	-6.6	2	-46.6	-0.2	7.5
2.41095	11.9	16.4	-6.5	2	-46.5	-0.1	7.8
2.411	11	16.4	-7.4	2	-47.4	-1	5.1
2.41105	11.8	16.4	-6.6	2	-46.6	-0.2	7.6
2.4111	11	16.4	-7.4	2	-47.4	-1	5.1
2.41115	11.3	16.4	-7.1	2	-47.1	-0.7	5.9
2.4112	11.7	16.4	-6.7	2	-46.7	-0.3	7.1
2.41125	11.1	16.4	-7.3	2	-47.3	-0.9	5.3
2.4113	11.2	16.4	-7.2	2	-47.2	-0.8	5.6
2.41135	11.3	16.4	-7.1	2	-47.1	-0.7	6
2.4114	11.3	16.4	-7.1	2	-47.1	-0.7	6.1
2.41145	11.9	16.4	-6.5	2	-46.5	-0.1	7.9

2.4115	11.6	16.4	-6.8	2	-46.8	-0.4	6.8
2.41155	11	16.4	-7.4	2	-47.4	-1	5
2.4116	11.9	16.4	-6.5	2	-46.5	-0.1	7.8
2.41165	11	16.4	-7.4	2	-47.4	-1	5
Freq	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	LVL	FER
(GHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(dBm)	
2.4117	11.8	16.4	-6.6	2	-46.6	-0.2	7.5
2.41175	11.1	16.4	-7.3	2	-47.3	-0.9	5.3
2.4118	11.4	16.4	-7	2	-47	-0.6	6.4
2.41185	11.4	16.4	-7	2	-47	-0.6	6.2
2.4119	11.5	16.4	-6.9	2	-46.9	-0.5	6.7
2.41195	11.5	16.4	-6.9	2	-46.9	-0.5	6.5
2.412	11.6	16.4	-6.8	2	-46.8	-0.4	7
2.41205	11.8	16.4	-6.6	2	-46.6	-0.2	7.5
2.4121	11	16.4	-7.4	2	-47.4	-1	5
2.41215	11.9	16.4	-6.5	2	-46.5	-0.1	7.8
2.4122	11.5	16.4	-6.9	2	-46.9	-0.5	6.5
2.41225	11.5	16.4	-6.9	2	-46.9	-0.5	6.5
2.4123	11.1	16.4	-7.3	2	-47.3	-0.9	5.4
2.41235	11.4	16.4	-7	2	-47	-0.6	6.4
2.4124	11.5	16.4	-6.9	2	-46.9	-0.5	6.5
2.41245	11.5	16.4	-6.9	2	-46.9	-0.5	6.6
2.4125	11.1	16.4	-7.3	2	-47.3	-0.9	5.5
2.41255	11.1	16.4	-7.3	2	-47.3	-0.9	5.4
2.4126	11.1	16.4	-7.3	2	-47.3	-0.9	5.3
2.41265	11.6	16.4	-6.8	2	-46.8	-0.4	6.9
2.4127	11.2	16.4	-7.2	2	-47.2	-0.8	5.7
2.41275	11.3	16.4	-7.1	2	-47.1	-0.7	6
2.4128	11.2	16.4	-7.2	2	-47.2	-0.8	5.7
2.41285	11.5	16.4	-6.9	2	-46.9	-0.5	6.5
2.4129	11.2	16.4	-7.2	2	-47.2	-0.8	5.7
2.41295	11.9	16.4	-6.5	2	-46.5	-0.1	7.7
2.413	11.8	16.4	-6.6	2	-46.6	-0.2	7.4
2.41305	11.1	16.4	-7.3	2	-47.3	-0.9	5.5
2.4131	11.8	16.4	-6.6	2	-46.6	-0.2	7.6

2.41315	11.3	16.4	-7.1	2	-47.1	-0.7	6
2.4132	11.4	16.4	-7	2	-47	-0.6	6.4
2.41325	11.5	16.4	-6.9	2	-46.9	-0.5	6.6
2.4133	11.2	16.4	-7.2	2	-47.2	-0.8	5.8
2.41335	11.6	16.4	-6.8	2	-46.8	-0.4	6.9
Freq (GHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	LVL (dBm)	FER
2.4134	11.8	16.4	-6.6	2	-46.6	-0.2	7.6
2.41345	11.5	16.4	-6.9	2	-46.9	-0.5	6.6
2.4135	11.1	16.4	-7.3	2	-47.3	-0.9	5.5
2.41355	11.8	16.4	-6.6	2	-46.6	-0.2	7.4
2.4136	11.9	16.4	-6.5	2	-46.5	-0.1	7.9
2.41365	11.5	16.4	-6.9	2	-46.9	-0.5	6.7
2.4137	11.6	16.4	-6.8	2	-46.8	-0.4	6.9
2.41375	11.7	16.4	-6.7	2	-46.7	-0.3	7.1
2.4138	11.3	16.4	-7.1	2	-47.1	-0.7	5.9
2.41385	11.2	16.4	-7.2	2	-47.2	-0.8	5.8
2.4139	11.3	16.4	-7.1	2	-47.1	-0.7	6
2.41395	11.6	16.4	-6.8	2	-46.8	-0.4	7
2.414	11.9	16.4	-6.5	2	-46.5	-0.1	7.7
2.41405	11.6	16.4	-6.8	2	-46.8	-0.4	7
2.4141	11.8	16.4	-6.6	2	-46.6	-0.2	7.6
2.41415	11.5	16.4	-6.9	2	-46.9	-0.5	6.5
2.4142	11	16.4	-7.4	2	-47.4	-1	5.1
2.41425	11.1	16.4	-7.3	2	-47.3	-0.9	5.4
2.4143	11.7	16.4	-6.7	2	-46.7	-0.3	7.3
2.41435	11.4	16.4	-7	2	-47	-0.6	6.3
2.4144	11	16.4	-7.4	2	-47.4	-1	5.1
2.41445	11.4	16.4	-7	2	-47	-0.6	6.3
2.4145	11.3	16.4	-7.1	2	-47.1	-0.7	5.9
2.41455	11.3	16.4	-7.1	2	-47.1	-0.7	6.1
2.4146	11.4	16.4	-7	2	-47	-0.6	6.4
2.41465	11.8	16.4	-6.6	2	-46.6	-0.2	7.4
2.4147	11.1	16.4	-7.3	2	-47.3	-0.9	5.3
2.41475	11.7	16.4	-6.7	2	-46.7	-0.3	7.3

2.4148	11.1	16.4	-7.3	2	-47.3	-0.9	5.4
2.41485	11.7	16.4	-6.7	2	-46.7	-0.3	7.3
2.4149	11	16.4	-7.4	2	-47.4	-1	5.2
2.41495	11.5	16.4	-6.9	2	-46.9	-0.5	6.5
2.415	11.4	16.4	-7	2	-47	-0.6	6.3
2.41505	11.7	16.4	-6.7	2	-46.7	-0.3	7.3
Freq	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	LVL	FER
(GHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(dBm)	
2.4151	11	16.4	-7.4	2	-47.4	-1	5.2
2.41515	12.3	16.4	-6.1	2	-46.1	0.3	6.1
2.4152	12.2	16.4	-6.2	2	-46.2	0.2	5.8
2.41525	12.6	16.4	-5.8	2	-45.8	0.6	6.9
2.4153	12	16.4	-6.4	2	-46.4	0	5
2.41535	12.9	16.4	-5.5	2	-45.5	0.9	7.9
2.4154	12.5	16.4	-5.9	2	-45.9	0.5	6.6
2.41545	12.9	16.4	-5.5	2	-45.5	0.9	7.9
2.4155	12.7	16.4	-5.7	2	-45.7	0.7	7.3
2.41555	12.4	16.4	-6	2	-46	0.4	6.4
2.4156	12.4	16.4	-6	2	-46	0.4	6.3
2.41565	12	16.4	-6.4	2	-46.4	0	5
2.4157	12.4	16.4	-6	2	-46	0.4	6.4
2.41575	12.4	16.4	-6	2	-46	0.4	6.3
2.4158	12.2	16.4	-6.2	2	-46.2	0.2	5.8
2.41585	12.4	16.4	-6	2	-46	0.4	6.2
2.4159	12.7	16.4	-5.7	2	-45.7	0.7	7.2
2.41595	12.2	16.4	-6.2	2	-46.2	0.2	5.7
2.416	12.8	16.4	-5.6	2	-45.6	0.8	7.6
2.41605	12.8	16.4	-5.6	2	-45.6	0.8	7.4
2.4161	12.2	16.4	-6.2	2	-46.2	0.2	5.7
2.41615	12.5	16.4	-5.9	2	-45.9	0.5	6.6
2.4162	13.2	16.4	-5.2	2	-45.2	1.2	5.7
2.41625	13.1	16.4	-5.3	2	-45.3	1.1	5.5
2.4163	13.2	16.4	-5.2	2	-45.2	1.2	5.6
2.41635	13	16.4	-5.4	2	-45.4	1	5
2.4164	13.5	16.4	-4.9	2	-44.9	1.5	6.6

2.41645	13.4	16.4	-5	2	-45	1.4	6.2
2.4165	13.2	16.4	-5.2	2	-45.2	1.2	5.6
2.41655	13.2	16.4	-5.2	2	-45.2	1.2	5.7
2.4166	13.1	16.4	-5.3	2	-45.3	1.1	5.5
2.41665	13.3	16.4	-5.1	2	-45.1	1.3	6
2.4167	13.9	16.4	-4.5	2	-44.5	1.9	7.7
2.41675	13	16.4	-5.4	2	-45.4	1	5
Freq (GHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	LVL (dBm)	FER
2.4168	13.4	16.4	-5	2	-45	1.4	6.3
2.41685	13.6	16.4	-4.8	2	-44.8	1.6	7
2.4169	13.1	16.4	-5.3	2	-45.3	1.1	5.3
2.41695	14.7	16.4	-3.7	2	-43.7	2.7	7.2
2.417	14.3	16.4	-4.1	2	-44.1	2.3	5.9
2.41705	14	16.4	-4.4	2	-44.4	2	5
2.4171	14.1	16.4	-4.3	2	-44.3	2.1	5.5
2.41715	14.1	16.4	-4.3	2	-44.3	2.1	5.3
2.4172	14.5	16.4	-3.9	2	-43.9	2.5	6.5
2.41725	14.1	16.4	-4.3	2	-44.3	2.1	5.3
2.4173	15.9	16.4	-2.5	2	-42.5	3.9	7.8
2.41735	15	16.4	-3.4	2	-43.4	3	5.1
2.4174	15.9	16.4	-2.5	2	-42.5	3.9	7.9
2.41745	15.6	16.4	-2.8	2	-42.8	3.6	6.9
2.4175	15.9	16.4	-2.5	2	-42.5	3.9	7.9
2.41755	15.1	16.4	-3.3	2	-43.3	3.1	5.3
2.4176	15.9	16.4	-2.5	2	-42.5	3.9	7.7
2.41765	15.4	16.4	-3	2	-43	3.4	6.2
2.4177	15.3	16.4	-3.1	2	-43.1	3.3	5.9
2.41775	16.5	16.4	-1.9	2	-41.9	4.5	6.5
2.4178	16.9	16.4	-1.5	2	-41.5	4.9	7.9
2.41785	16.8	16.4	-1.6	2	-41.6	4.8	7.4
2.4179	16.7	16.4	-1.7	2	-41.7	4.7	7.2
2.41795	16.2	16.4	-2.2	2	-42.2	4.2	5.8
2.418	16.1	16.4	-2.3	2	-42.3	4.1	5.4
2.41805	16.3	16.4	-2.1	2	-42.1	4.3	6

2.4181	16.9	16.4	-1.5	2	-41.5	4.9	7.7
2.41815	16	16.4	-2.4	2	-42.4	4	5.2
2.4182	16.8	16.4	-1.6	2	-41.6	4.8	7.4
2.41825	16.7	16.4	-1.7	2	-41.7	4.7	7.3
2.4183	16	16.4	-2.4	2	-42.4	4	5.2
2.41835	16.6	16.4	-1.8	2	-41.8	4.6	7
2.4184	17.3	16.4	-1.1	2	-41.1	5.3	5.9
2.41845	17.1	16.4	-1.3	2	-41.3	5.1	5.5
Freq	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	LVL	FER
(GHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(dBm)	
2.4185	17.9	16.4	-0.5	2	-40.5	5.9	7.8
2.41855	17.8	16.4	-0.6	2	-40.6	5.8	7.4
2.4186	17.2	16.4	-1.2	2	-41.2	5.2	5.6
2.41865	17	16.4	-1.4	2	-41.4	5	5
2.4187	17.7	16.4	-0.7	2	-40.7	5.7	7.2
2.41875	17.4	16.4	-1	2	-41	5.4	6.3
2.4188	17.5	16.4	-0.9	2	-40.9	5.5	6.5
2.41885	18.4	16.4	0	2	-40	6.4	6.3
2.4189	18.7	16.4	0.3	2	-39.7	6.7	7.2
2.41895	18.6	16.4	0.2	2	-39.8	6.6	6.8
2.419	18.8	16.4	0.4	2	-39.6	6.8	7.6
2.41905	18.5	16.4	0.1	2	-39.9	6.5	6.7
2.4191	18.2	16.4	-0.2	2	-40.2	6.2	5.8
2.41915	18.2	16.4	-0.2	2	-40.2	6.2	5.7
2.4192	18.9	16.4	0.5	2	-39.5	6.9	7.8
2.41925	18.7	16.4	0.3	2	-39.7	6.7	7.2
2.4193	18.3	16.4	-0.1	2	-40.1	6.3	6
2.41935	18.8	16.4	0.4	2	-39.6	6.8	7.6
2.4194	18.5	16.4	0.1	2	-39.9	6.5	6.6
2.41945	18.6	16.4	0.2	2	-39.8	6.6	7
2.4195	18.1	16.4	-0.3	2	-40.3	6.1	5.3
2.41955	18	16.4	-0.4	2	-40.4	6	5
2.4196	18.9	16.4	0.5	2	-39.5	6.9	7.8
2.41965	18.8	16.4	0.4	2	-39.6	6.8	7.5
2.4197	18.8	16.4	0.4	2	-39.6	6.8	7.5

2.41975	18.2	16.4	-0.2	2	-40.2	6.2	5.8
2.4198	18.7	16.4	0.3	2	-39.7	6.7	7.1
2.41985	18.1	16.4	-0.3	2	-40.3	6.1	5.3
2.4199	18.4	16.4	0	2	-40	6.4	6.2
2.41995	18.8	16.4	0.4	2	-39.6	6.8	7.5
2.42	18.7	16.4	0.3	2	-39.7	6.7	7.1
2.42005	18.6	16.4	0.2	2	-39.8	6.6	6.9
2.4201	18	16.4	-0.4	2	-40.4	6	5.2
2.42015	18.7	16.4	0.3	2	-39.7	6.7	7.2
Freq (GHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	LVL (dBm)	FER
2.4202	18.1	16.4	-0.3	2	-40.3	6.1	5.4
2.42025	18.4	16.4	0	2	-40	6.4	6.4
2.4203	18.7	16.4	0.3	2	-39.7	6.7	7.2
2.42035	18	16.4	-0.4	2	-40.4	6	5
2.4204	18.8	16.4	0.4	2	-39.6	6.8	7.4
2.42045	18.7	16.4	0.3	2	-39.7	6.7	7.1
2.4205	18.2	16.4	-0.2	2	-40.2	6.2	5.8

Processing Gain(dB) @ 20th percentile= **11.4** dB

Transmitter signal level at Rx= - 40dBm

Processing Gain Data

Date of Test	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 6	Test Site	:	Open Site 2

Freq (GHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	LVL (dBm)	FER
2.4285	15.8	13.3	0.5	2	-39.5	3.8	6.6
2.42855	15.3	13.3	0	2	-40	3.3	5.1
2.4286	15	13.3	-0.3	2	-40.3	3	6.7
2.42865	15.1	13.3	-0.2	2	-40.2	3.1	7.5
2.4287	15.6	13.3	0.3	2	-39.7	3.6	5.5
2.42875	15.7	13.3	0.4	2	-39.6	3.7	6.1
2.4288	15.6	13.3	0.3	2	-39.7	3.6	7.4
2.42885	15	13.3	-0.3	2	-40.3	3	7.5
2.4289	15.1	13.3	-0.2	2	-40.2	3.1	6.1
2.42895	15.9	13.3	0.6	2	-39.4	3.9	5
2.429	15	13.3	-0.3	2	-40.3	3	6.5
2.42905	15.5	13.3	0.2	2	-39.8	3.5	5.7
2.4291	15.6	13.3	0.3	2	-39.7	3.6	5.4
2.42915	15.3	13.3	0	2	-40	3.3	5.1
2.4292	15.9	13.3	0.6	2	-39.4	3.9	7.9
2.42925	14.5	13.3	-0.8	2	-40.8	2.5	6.6
2.4293	14.5	13.3	-0.8	2	-40.8	2.5	7.3
2.42935	14.8	13.3	-0.5	2	-40.5	2.8	6.2
2.4294	14.9	13.3	-0.4	2	-40.4	2.9	5.7
2.42945	14.7	13.3	-0.6	2	-40.6	2.7	6.6
2.4295	14	13.3	-1.3	2	-41.3	2	6.8
2.42955	14	13.3	-1.3	2	-41.3	2	6.2
2.4296	14	13.3	-1.3	2	-41.3	2	6.7
2.42965	14.1	13.3	-1.2	2	-41.2	2.1	7.2
2.4297	14.1	13.3	-1.2	2	-41.2	2.1	7
2.42975	14.1	13.3	-1.2	2	-41.2	2.1	7.1
2.4298	14.9	13.3	-0.4	2	-40.4	2.9	5.4
2.42985	14	13.3	-1.3	2	-41.3	2	6.1

Freq (GHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	LVL (dBm)	FER
2.4299	14.9	13.3	-0.4	2	-40.4	2.9	5.9
2.42995	14.5	13.3	-0.8	2	-40.8	2.5	6.9
2.43	14.1	13.3	-1.2	2	-41.2	2.1	7.5
2.43005	14.3	13.3	-1	2	-41	2.3	5.7
2.4301	14.2	13.3	-1.1	2	-41.1	2.2	6.4
2.43015	14.7	13.3	-0.6	2	-40.6	2.7	6.3
2.4302	14.8	13.3	-0.5	2	-40.5	2.8	7
2.43025	14.1	13.3	-1.2	2	-41.2	2.1	6.5
2.4303	14.8	13.3	-0.5	2	-40.5	2.8	5.3
2.43035	14.3	13.3	-1	2	-41	2.3	5.7
2.4304	14.6	13.3	-0.7	2	-40.7	2.6	5.6
2.43045	14.8	13.3	-0.5	2	-40.5	2.8	5.5
2.4305	14.3	13.3	-1	2	-41	2.3	5.1
2.43055	14.9	13.3	-0.4	2	-40.4	2.9	5
2.4306	14.8	13.3	-0.5	2	-40.5	2.8	6
2.43065	14.3	13.3	-1	2	-41	2.3	5.4
2.4307	14.3	13.3	-1	2	-41	2.3	5.7
2.43075	13	13.3	-2.3	2	-42.3	1	6.3
2.4308	13.9	13.3	-1.4	2	-41.4	1.9	5
2.43085	13.1	13.3	-2.2	2	-42.2	1.1	6.3
2.4309	13.4	13.3	-1.9	2	-41.9	1.4	5.4
2.43095	13.9	13.3	-1.4	2	-41.4	1.9	7.5
2.431	13.7	13.3	-1.6	2	-41.6	1.7	5.1
2.43105	13.9	13.3	-1.4	2	-41.4	1.9	5.7
2.4311	13.9	13.3	-1.4	2	-41.4	1.9	7
2.43115	13.9	13.3	-1.4	2	-41.4	1.9	5
2.4312	13.6	13.3	-1.7	2	-41.7	1.6	6.9
2.43125	14.5	13.3	-0.8	2	-40.8	2.5	6.5
2.4313	14.4	13.3	-0.9	2	-40.9	2.4	7.1
2.43135	15.5	13.3	0.2	2	-39.8	3.5	7.5
2.4314	16.4	13.3	1.1	2	-38.9	4.4	6.2
2.43145	16.5	13.3	1.2	2	-38.8	4.5	5.6
2.4315	16.4	13.3	1.1	2	-38.9	4.4	7.7

2.43155	17.1	13.3	1.8	2	-38.2	5.1	5.7
Freq (GHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	LVL (dBm)	FER
2.4316	17.1	13.3	1.8	2	-38.2	5.1	5.9
2.43165	17.4	13.3	2.1	2	-37.9	5.4	7.8
2.4317	17.8	13.3	2.5	2	-37.5	5.8	7.6
2.43175	17	13.3	1.7	2	-38.3	5	5.2
2.4318	15.6	13.3	0.3	2	-39.7	3.6	5
2.43185	15.9	13.3	0.6	2	-39.4	3.9	6.9
2.4319	13.2	13.3	-2.1	2	-42.1	1.2	7.9
2.43195	13.4	13.3	-1.9	2	-41.9	1.4	6.6
2.432	13.4	13.3	-1.9	2	-41.9	1.4	6.8
2.43205	13.7	13.3	-1.6	2	-41.6	1.7	5.7
2.4321	13.9	13.3	-1.4	2	-41.4	1.9	6.5
2.43215	13.6	13.3	-1.7	2	-41.7	1.6	5.2
2.4322	12.3	13.3	-3	2	-43	0.3	7.6
2.43225	12.5	13.3	-2.8	2	-42.8	0.5	5.2
2.4323	12	13.3	-3.3	2	-43.3	0	5.7
2.43235	12.8	13.3	-2.5	2	-42.5	0.8	5.8
2.4324	12.9	13.3	-2.4	2	-42.4	0.9	5.5
2.43245	12	13.3	-3.3	2	-43.3	0	5.7
2.4325	13	13.3	-2.3	2	-42.3	1	6.3
2.43255	13.3	13.3	-2	2	-42	1.3	5.6
2.4326	13.1	13.3	-2.2	2	-42.2	1.1	6.3
2.43265	13.7	13.3	-1.6	2	-41.6	1.7	5.4
2.4327	13.3	13.3	-2	2	-42	1.3	6.5
2.43275	13.5	13.3	-1.8	2	-41.8	1.5	5.7
2.4328	13.7	13.3	-1.6	2	-41.6	1.7	7.3
2.43285	13.6	13.3	-1.7	2	-41.7	1.6	5.1
2.4329	13.4	13.3	-1.9	2	-41.9	1.4	5.4
2.43295	13.5	13.3	-1.8	2	-41.8	1.5	6.3
2.433	13.1	13.3	-2.2	2	-42.2	1.1	6.1
2.43305	13.1	13.3	-2.2	2	-42.2	1.1	6.5
2.4331	12	13.3	-3.3	2	-43.3	0	7.2
2.43315	12.8	13.3	-2.5	2	-42.5	0.8	5.9

2.4332	12.8	13.3	-2.5	2	-42.5	0.8	6.6
2.43325	12.1	13.3	-3.2	2	-43.2	0.1	5.1
Freq	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	LVL	FER
(GHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(dBm)	
2.4333	12.8	13.3	-2.5	2	-42.5	0.8	5.9
2.43335	12.4	13.3	-2.9	2	-42.9	0.4	5.2
2.4334	12.8	13.3	-2.5	2	-42.5	0.8	6.3
2.43345	12.8	13.3	-2.5	2	-42.5	0.8	6.4
2.4335	12.2	13.3	-3.1	2	-43.1	0.2	5.3
2.43355	12.5	13.3	-2.8	2	-42.8	0.5	6.6
2.4336	12.8	13.3	-2.5	2	-42.5	0.8	6.5
2.43365	12.8	13.3	-2.5	2	-42.5	0.8	5.8
2.4337	12.3	13.3	-3	2	-43	0.3	6.5
2.43375	12.4	13.3	-2.9	2	-42.9	0.4	7
2.4338	12.1	13.3	-3.2	2	-43.2	0.1	6.7
2.43385	13.3	13.3	-2	2	-42	1.3	6.8
2.4339	13.3	13.3	-2	2	-42	1.3	7.4
2.43395	13.8	13.3	-1.5	2	-41.5	1.8	7.5
2.434	13.5	13.3	-1.8	2	-41.8	1.5	6.7
2.43405	13.2	13.3	-2.1	2	-42.1	1.2	5.5
2.4341	13.9	13.3	-1.4	2	-41.4	1.9	6.1
2.43415	12.1	13.3	-3.2	2	-43.2	0.1	5.2
2.4342	12.8	13.3	-2.5	2	-42.5	0.8	6.3
2.43425	12.4	13.3	-2.9	2	-42.9	0.4	5.1
2.4343	12.1	13.3	-3.2	2	-43.2	0.1	7.8
2.43435	12.3	13.3	-3	2	-43	0.3	6.9
2.4344	12.2	13.3	-3.1	2	-43.1	0.2	7.8
2.43445	12.2	13.3	-3.1	2	-43.1	0.2	5
2.4345	12	13.3	-3.3	2	-43.3	0	5.7
2.43455	12.5	13.3	-2.8	2	-42.8	0.5	7.7
2.4346	12	13.3	-3.3	2	-43.3	0	7.9
2.43465	12.7	13.3	-2.6	2	-42.6	0.7	5.7
2.4347	12.5	13.3	-2.8	2	-42.8	0.5	6.8
2.43475	12.7	13.3	-2.6	2	-42.6	0.7	6.8
2.4348	12.8	13.3	-2.5	2	-42.5	0.8	7.1

2.43485	12.1	13.3	-3.2	2	-43.2	0.1	6.2
2.4349	12.1	13.3	-3.2	2	-43.2	0.1	5.4
2.43495	12.6	13.3	-2.7	2	-42.7	0.6	5.2
Freq (GHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	LVL (dBm)	FER
2.435	12.1	13.3	-3.2	2	-43.2	0.1	6.3
2.43505	12.6	13.3	-2.7	2	-42.7	0.6	5.2
2.4351	12.6	13.3	-2.7	2	-42.7	0.6	5.3
2.43515	12.2	13.3	-3.1	2	-43.1	0.2	6.7
2.4352	12.4	13.3	-2.9	2	-42.9	0.4	7.6
2.43525	12.5	13.3	-2.8	2	-42.8	0.5	7.8
2.4353	12.5	13.3	-2.8	2	-42.8	0.5	7.8
2.43535	12.1	13.3	-3.2	2	-43.2	0.1	5.7
2.4354	12.7	13.3	-2.6	2	-42.6	0.7	5.7
2.43545	12.9	13.3	-2.4	2	-42.4	0.9	7
2.4355	11.3	13.3	-4	2	-44	-0.7	6.4
2.43555	11.5	13.3	-3.8	2	-43.8	-0.5	5.1
2.4356	11	13.3	-4.3	2	-44.3	-1	5.6
2.43565	11.6	13.3	-3.7	2	-43.7	-0.4	7.4
2.4357	11.6	13.3	-3.7	2	-43.7	-0.4	6.6
2.43575	11.8	13.3	-3.5	2	-43.5	-0.2	5.2
2.4358	12.5	13.3	-2.8	2	-42.8	0.5	7.3
2.43585	12.5	13.3	-2.8	2	-42.8	0.5	5.7
2.4359	12.3	13.3	-3	2	-43	0.3	7.9
2.43595	12.2	13.3	-3.1	2	-43.1	0.2	5
2.436	12	13.3	-3.3	2	-43.3	0	7.2
2.43605	12.6	13.3	-2.7	2	-42.7	0.6	6
2.4361	12.4	13.3	-2.9	2	-42.9	0.4	6.2
2.43615	12	13.3	-3.3	2	-43.3	0	6.5
2.4362	12.6	13.3	-2.7	2	-42.7	0.6	6
2.43625	12	13.3	-3.3	2	-43.3	0	7.8
2.4363	12.4	13.3	-2.9	2	-42.9	0.4	6.4
2.43635	11.8	13.3	-3.5	2	-43.5	-0.2	7.1
2.4364	11.1	13.3	-4.2	2	-44.2	-0.9	7.1
2.43645	11	13.3	-4.3	2	-44.3	-1	6.9

2.4365	11.6	13.3	-3.7	2	-43.7	-0.4	5.2
2.43655	11.4	13.3	-3.9	2	-43.9	-0.6	6.6
2.4366	12.3	13.3	-3	2	-43	0.3	6.4
2.43665	12.8	13.3	-2.5	2	-42.5	0.8	7.9
Freq	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	LVL	FER
(GHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(dBm)	
2.4367	12.3	13.3	-3	2	-43	0.3	6.8
2.43675	13.5	13.3	-1.8	2	-41.8	1.5	5.9
2.4368	13.6	13.3	-1.7	2	-41.7	1.6	5.5
2.43685	13.2	13.3	-2.1	2	-42.1	1.2	7.9
2.4369	13	13.3	-2.3	2	-42.3	1	5.6
2.43695	14	13.3	-1.3	2	-41.3	2	7.4
2.437	14.1	13.3	-1.2	2	-41.2	2.1	6
2.43705	14.2	13.3	-1.1	2	-41.1	2.2	7.4
2.4371	15.9	13.3	0.6	2	-39.4	3.9	5.1
2.43715	15.7	13.3	0.4	2	-39.6	3.7	7.1
2.4372	15.8	13.3	0.5	2	-39.5	3.8	6.2
2.43725	15.3	13.3	0	2	-40	3.3	6
2.4373	14.7	13.3	-0.6	2	-40.6	2.7	6
2.43735	14.2	13.3	-1.1	2	-41.1	2.2	5
2.4374	14.5	13.3	-0.8	2	-40.8	2.5	5.2
2.43745	13.7	13.3	-1.6	2	-41.6	1.7	6.1
2.4375	13.1	13.3	-2.2	2	-42.2	1.1	6.9
2.43755	13.6	13.3	-1.7	2	-41.7	1.6	7
2.4376	12	13.3	-3.3	2	-43.3	0	6.5
2.43765	12.6	13.3	-2.7	2	-42.7	0.6	6.7
2.4377	12.8	13.3	-2.5	2	-42.5	0.8	6
2.43775	12.3	13.3	-3	2	-43	0.3	7.7
2.4378	12.2	13.3	-3.1	2	-43.1	0.2	6.4
2.43785	11.4	13.3	-3.9	2	-43.9	-0.6	7.1
2.4379	11.5	13.3	-3.8	2	-43.8	-0.5	7.3
2.43795	11.4	13.3	-3.9	2	-43.9	-0.6	7.1
2.438	11.7	13.3	-3.6	2	-43.6	-0.3	7.1
2.43805	11.6	13.3	-3.7	2	-43.7	-0.4	7.2
2.4381	12.4	13.3	-2.9	2	-42.9	0.4	6.5

2.43815	12	13.3	-3.3	2	-43.3	0	7.9
2.4382	12.7	13.3	-2.6	2	-42.6	0.7	5.2
2.43825	12.4	13.3	-2.9	2	-42.9	0.4	6.3
2.4383	12.6	13.3	-2.7	2	-42.7	0.6	5.7
2.43835	12.5	13.3	-2.8	2	-42.8	0.5	7.7
Freq (GHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	LVL (dBm)	FER
2.4384	12.4	13.3	-2.9	2	-42.9	0.4	7.9
2.43845	12.4	13.3	-2.9	2	-42.9	0.4	7.4
2.4385	11.7	13.3	-3.6	2	-43.6	-0.3	6.2
2.43855	11.7	13.3	-3.6	2	-43.6	-0.3	5.1
2.4386	11.7	13.3	-3.6	2	-43.6	-0.3	7.6
2.43865	11.6	13.3	-3.7	2	-43.7	-0.4	7.4
2.4387	11	13.3	-4.3	2	-44.3	-1	7.8
2.43875	12.4	13.3	-2.9	2	-42.9	0.4	5.8
2.4388	12.4	13.3	-2.9	2	-42.9	0.4	7.4
2.43885	12.6	13.3	-2.7	2	-42.7	0.6	7.4
2.4389	12.5	13.3	-2.8	2	-42.8	0.5	5.1
2.43895	12.2	13.3	-3.1	2	-43.1	0.2	5.1
2.439	12.4	13.3	-2.9	2	-42.9	0.4	6.9
2.43905	12.3	13.3	-3	2	-43	0.3	5.6
2.4391	12.1	13.3	-3.2	2	-43.2	0.1	6.5
2.43915	12.2	13.3	-3.1	2	-43.1	0.2	7.7
2.4392	12.7	13.3	-2.6	2	-42.6	0.7	7.9
2.43925	12.1	13.3	-3.2	2	-43.2	0.1	7.3
2.4393	12	13.3	-3.3	2	-43.3	0	5.1
2.43935	12.7	13.3	-2.6	2	-42.6	0.7	6.9
2.4394	12.8	13.3	-2.5	2	-42.5	0.8	6.1
2.43945	12.8	13.3	-2.5	2	-42.5	0.8	6.7
2.4395	12.8	13.3	-2.5	2	-42.5	0.8	6.4
2.43955	12.5	13.3	-2.8	2	-42.8	0.5	7.2
2.4396	12.2	13.3	-3.1	2	-43.1	0.2	7.4
2.43965	12.7	13.3	-2.6	2	-42.6	0.7	6.8
2.4397	12	13.3	-3.3	2	-43.3	0	7.2
2.43975	12.6	13.3	-2.7	2	-42.7	0.6	7.2

2.4398	12.1	13.3	-3.2	2	-43.2	0.1	6.4
2.43985	12	13.3	-3.3	2	-43.3	0	7
2.4399	12.8	13.3	-2.5	2	-42.5	0.8	6.2
2.43995	12.4	13.3	-2.9	2	-42.9	0.4	6
2.44	12.5	13.3	-2.8	2	-42.8	0.5	5.9
2.44005	12.6	13.3	-2.7	2	-42.7	0.6	7.6
Freq	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	LVL	FER
(GHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(dBm)	
2.4401	12.9	13.3	-2.4	2	-42.4	0.9	7.6
2.44015	12.8	13.3	-2.5	2	-42.5	0.8	6.6
2.4402	12.7	13.3	-2.6	2	-42.6	0.7	7
2.44025	12.9	13.3	-2.4	2	-42.4	0.9	7.5
2.4403	12.7	13.3	-2.6	2	-42.6	0.7	6.1
2.44035	12.4	13.3	-2.9	2	-42.9	0.4	5.3
2.4404	12.6	13.3	-2.7	2	-42.7	0.6	5
2.44045	12.3	13.3	-3	2	-43	0.3	7.2
2.4405	12.3	13.3	-3	2	-43	0.3	6.4
2.44055	12	13.3	-3.3	2	-43.3	0	7.1
2.4406	12.1	13.3	-3.2	2	-43.2	0.1	5.7
2.44065	12.5	13.3	-2.8	2	-42.8	0.5	6.2
2.4407	12.6	13.3	-2.7	2	-42.7	0.6	5.1
2.44075	12.8	13.3	-2.5	2	-42.5	0.8	6.1
2.4408	12.9	13.3	-2.4	2	-42.4	0.9	7.4
2.44085	12.6	13.3	-2.7	2	-42.7	0.6	5.4
2.4409	12.7	13.3	-2.6	2	-42.6	0.7	7.2
2.44095	12.4	13.3	-2.9	2	-42.9	0.4	7.7
2.441	12.2	13.3	-3.1	2	-43.1	0.2	6.7
2.44105	13	13.3	-2.3	2	-42.3	1	6.4
2.4411	13.3	13.3	-2	2	-42	1.3	7.5
2.44115	13.4	13.3	-1.9	2	-41.9	1.4	7.7
2.4412	13	13.3	-2.3	2	-42.3	1	5.4
2.44125	13.7	13.3	-1.6	2	-41.6	1.7	7.3
2.4413	13.1	13.3	-2.2	2	-42.2	1.1	7.3
2.44135	13.9	13.3	-1.4	2	-41.4	1.9	6
2.4414	13.2	13.3	-2.1	2	-42.1	1.2	6.3

2.44145	13.8	13.3	-1.5	2	-41.5	1.8	6.6
2.4415	13.5	13.3	-1.8	2	-41.8	1.5	7.4
2.44155	13.2	13.3	-2.1	2	-42.1	1.2	5.5
2.4416	13.9	13.3	-1.4	2	-41.4	1.9	5.5
2.44165	13.7	13.3	-1.6	2	-41.6	1.7	7.2
2.4417	13.5	13.3	-1.8	2	-41.8	1.5	6
2.44175	13.6	13.3	-1.7	2	-41.7	1.6	7.3
Freq	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	LVL	FER
(GHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(dBm)	
2.4418	12.7	13.3	-2.6	2	-42.6	0.7	7.3
2.44185	12.1	13.3	-3.2	2	-43.2	0.1	5.8
2.4419	12.5	13.3	-2.8	2	-42.8	0.5	7.7
2.44195	12.2	13.3	-3.1	2	-43.1	0.2	5.2
2.442	13.3	13.3	-2	2	-42	1.3	7
2.44205	13.6	13.3	-1.7	2	-41.7	1.6	7
2.4421	13.6	13.3	-1.7	2	-41.7	1.6	5.7
2.44215	13.7	13.3	-1.6	2	-41.6	1.7	6.7
2.4422	14.8	13.3	-0.5	2	-40.5	2.8	7.2
2.44225	14.4	13.3	-0.9	2	-40.9	2.4	5.3
2.4423	14.6	13.3	-0.7	2	-40.7	2.6	5.3
2.44235	16.8	13.3	1.5	2	-38.5	4.8	7.1
2.4424	16	13.3	0.7	2	-39.3	4	7.6
2.44245	16.8	13.3	1.5	2	-38.5	4.8	7.8
2.4425	17.8	13.3	2.5	2	-37.5	5.8	7.5
2.44255	17	13.3	1.7	2	-38.3	5	5.4
2.4426	17.9	13.3	2.6	2	-37.4	5.9	5.1
2.44265	19.7	13.3	4.4	2	-35.6	7.7	7.4
2.4427	19.8	13.3	4.5	2	-35.5	7.8	6.4
2.44275	19.3	13.3	4	2	-36	7.3	7.1
2.4428	18.7	13.3	3.4	2	-36.6	6.7	6.5
2.44285	18.8	13.3	3.5	2	-36.5	6.8	5.9
2.4429	18.2	13.3	2.9	2	-37.1	6.2	7.4
2.44295	16	13.3	0.7	2	-39.3	4	7.2
2.443	16.6	13.3	1.3	2	-38.7	4.6	5
2.44305	15.4	13.3	0.1	2	-39.9	3.4	5.1

2.4431	15.1	13.3	-0.2	2	-40.2	3.1	6.3
2.44315	15.2	13.3	-0.1	2	-40.1	3.2	7.4
2.4432	15.4	13.3	0.1	2	-39.9	3.4	5.3
2.44325	14.8	13.3	-0.5	2	-40.5	2.8	5.8
2.4433	14.7	13.3	-0.6	2	-40.6	2.7	6
2.44335	14.6	13.3	-0.7	2	-40.7	2.6	5.9
2.4434	14.6	13.3	-0.7	2	-40.7	2.6	5.3
2.44345	13.1	13.3	-2.2	2	-42.2	1.1	6.6
2.4435	13.8	13.3	-1.5	2	-41.5	1.8	7.4
2.44355	13	13.3	-2.3	2	-42.3	1	6
2.4436	13.5	13.3	-1.8	2	-41.8	1.5	6.4
2.44365	15.3	13.3	0	2	-40	3.3	7.3
2.4437	15.6	13.3	0.3	2	-39.7	3.6	6.3
2.44375	15.8	13.3	0.5	2	-39.5	3.8	7.4
2.4438	15.6	13.3	0.3	2	-39.7	3.6	7.9
2.44385	14.6	13.3	-0.7	2	-40.7	2.6	7
2.4439	14	13.3	-1.3	2	-41.3	2	5.3
2.44395	14.4	13.3	-0.9	2	-40.9	2.4	7.7
2.444	14.3	13.3	-1	2	-41	2.3	7.9
2.44405	14.3	13.3	-1	2	-41	2.3	5.9
2.4441	14.1	13.3	-1.2	2	-41.2	2.1	5.1
2.44415	14.7	13.3	-0.6	2	-40.6	2.7	6.2
2.4442	14.7	13.3	-0.6	2	-40.6	2.7	6.9
2.44425	14.6	13.3	-0.7	2	-40.7	2.6	7.1
2.4443	15.9	13.3	0.6	2	-39.4	3.9	6.2
2.44435	15.7	13.3	0.4	2	-39.6	3.7	7.5
2.4444	15.9	13.3	0.6	2	-39.4	3.9	5.2
2.44445	15.5	13.3	0.2	2	-39.8	3.5	5.9
2.4445	15.4	13.3	0.1	2	-39.9	3.4	6.3
2.44455	15.1	13.3	-0.2	2	-40.2	3.1	5.2
2.4446	16.1	13.3	0.8	2	-39.2	4.1	6.5
2.44465	16.5	13.3	1.2	2	-38.8	4.5	5.9
2.4447	16.2	13.3	0.9	2	-39.1	4.2	5.1
2.44475	16.1	13.3	0.8	2	-39.2	4.1	7.9
2.4448	16.3	13.3	1	2	-39	4.3	7.3

2.44485	16.2	13.3	0.9	2	-39.1	4.2	5
2.4449	16.8	13.3	1.5	2	-38.5	4.8	6.9
2.44495	16.1	13.3	0.8	2	-39.2	4.1	6.4
2.445	16.4	13.3	1.1	2	-38.9	4.4	5.7
2.44505	16.9	13.3	1.6	2	-38.4	4.9	5.4
2.4451	16.9	13.3	1.6	2	-38.4	4.9	6.6
2.44515	15.4	13.3	0.1	2	-39.9	3.4	7.3
2.4452	15.6	13.3	0.3	2	-39.7	3.6	6.2
2.44525	15.3	13.3	0	2	-40	3.3	5.3
Freq (GHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	LVL (dBm)	FER
2.4453	15.1	13.3	-0.2	2	-40.2	3.1	7.2
2.44535	15.6	13.3	0.3	2	-39.7	3.6	7.1
2.4454	16.2	13.3	0.9	2	-39.1	4.2	5
2.44545	16.9	13.3	1.6	2	-38.4	4.9	5.4
2.4455	16.8	13.3	1.5	2	-38.5	4.8	7

Processing Gain(dB) @ 20th percentile= **12.4** dB

Transmitter signal level at Rx= - 40dBm

Processing Gain Data

Date of Test	:	Oct. 26, 2000	EUT	:	Wireless High Rate PC Card
Test Mode	:	Channel 11	Test Site	:	Open Site 2

Freq (GHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	LVL (dBm)	FER
2.4535	19.8	16.4	1.4	2	-38.6	7.8	7.6
2.45355	19.9	16.4	1.5	2	-38.5	7.9	7.9
2.4536	19.7	16.4	1.3	2	-38.7	7.7	7.2
2.45365	19.5	16.4	1.1	2	-38.9	7.5	6.5
2.4537	19.9	16.4	1.5	2	-38.5	7.9	7.9
2.45375	19.3	16.4	0.9	2	-39.1	7.3	5.9
2.4538	19	16.4	0.6	2	-39.4	7	5.2
2.45385	19.7	16.4	1.3	2	-38.7	7.7	7.1
2.4539	19.1	16.4	0.7	2	-39.3	7.1	5.3
2.45395	19	16.4	0.6	2	-39.4	7	5.1
2.454	19.2	16.4	0.8	2	-39.2	7.2	5.8
2.45405	19.4	16.4	1	2	-39	7.4	6.4
2.4541	19.6	16.4	1.2	2	-38.8	7.6	7
2.45415	19.5	16.4	1.1	2	-38.9	7.5	6.5
2.4542	19.2	16.4	0.8	2	-39.2	7.2	5.7
2.45425	19	16.4	0.6	2	-39.4	7	5
2.4543	18.2	16.4	-0.2	2	-40.2	6.2	5.6
2.45435	18.3	16.4	-0.1	2	-40.1	6.3	5.9
2.4544	18.4	16.4	0	2	-40	6.4	6.2
2.45445	18.8	16.4	0.4	2	-39.6	6.8	7.4
2.4545	18.6	16.4	0.2	2	-39.8	6.6	6.8
2.45455	18.5	16.4	0.1	2	-39.9	6.5	6.7
2.4546	18.4	16.4	0	2	-40	6.4	6.3
2.45465	18.8	16.4	0.4	2	-39.6	6.8	7.6
2.4547	18.2	16.4	-0.2	2	-40.2	6.2	5.7
2.45475	18	16.4	-0.4	2	-40.4	6	5.2
2.4548	18.5	16.4	0.1	2	-39.9	6.5	6.5
2.45485	18.1	16.4	-0.3	2	-40.3	6.1	5.5
2.4549	18.8	16.4	0.4	2	-39.6	6.8	7.4
2.45495	18.4	16.4	0	2	-40	6.4	6.2
2.455	18.6	16.4	0.2	2	-39.8	6.6	6.9
2.45505	18.8	16.4	0.4	2	-39.6	6.8	7.6
2.4551	18.5	16.4	0.1	2	-39.9	6.5	6.6

2.45515	18.9	16.4	0.5	2	-39.5	6.9	7.9
2.4552	18.4	16.4	0	2	-40	6.4	6.2
Freq	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	LVL	FER
(GHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(dBm)	
2.45525	17.8	16.4	-0.6	2	-40.6	5.8	7.5
2.4553	17.3	16.4	-1.1	2	-41.1	5.3	6
2.45535	17.5	16.4	-0.9	2	-40.9	5.5	6.7
2.4554	17.5	16.4	-0.9	2	-40.9	5.5	6.5
2.45545	17.6	16.4	-0.8	2	-40.8	5.6	7
2.4555	17.2	16.4	-1.2	2	-41.2	5.2	5.6
2.45555	17.6	16.4	-0.8	2	-40.8	5.6	6.8
2.4556	17.5	16.4	-0.9	2	-40.9	5.5	6.5
2.45565	17.4	16.4	-1	2	-41	5.4	6.4
2.4557	17.3	16.4	-1.1	2	-41.1	5.3	6
2.45575	16.4	16.4	-2	2	-42	4.4	6.2
2.4558	16.2	16.4	-2.2	2	-42.2	4.2	5.8
2.45585	16.2	16.4	-2.2	2	-42.2	4.2	5.6
2.4559	16.8	16.4	-1.6	2	-41.6	4.8	7.5
2.45595	16.7	16.4	-1.7	2	-41.7	4.7	7.1
2.456	16	16.4	-2.4	2	-42.4	4	5.2
2.45605	16	16.4	-2.4	2	-42.4	4	5.1
2.4561	16.4	16.4	-2	2	-42	4.4	6.3
2.45615	16.6	16.4	-1.8	2	-41.8	4.6	6.8
2.4562	16	16.4	-2.4	2	-42.4	4	5.2
2.45625	16.6	16.4	-1.8	2	-41.8	4.6	7
2.4563	16.1	16.4	-2.3	2	-42.3	4.1	5.4
2.45635	15.9	16.4	-2.5	2	-42.5	3.9	7.9
2.4564	15.7	16.4	-2.7	2	-42.7	3.7	7.1
2.45645	15.7	16.4	-2.7	2	-42.7	3.7	7.2
2.4565	15.9	16.4	-2.5	2	-42.5	3.9	7.7
2.45655	15.2	16.4	-3.2	2	-43.2	3.2	5.8
2.4566	15.6	16.4	-2.8	2	-42.8	3.6	6.8
2.45665	15.6	16.4	-2.8	2	-42.8	3.6	6.8
2.4567	15.9	16.4	-2.5	2	-42.5	3.9	7.8
2.45675	15.6	16.4	-2.8	2	-42.8	3.6	6.8
2.4568	15.8	16.4	-2.6	2	-42.6	3.8	7.4
2.45685	15.2	16.4	-3.2	2	-43.2	3.2	5.8
2.4569	15.7	16.4	-2.7	2	-42.7	3.7	7.1
2.45695	14.3	16.4	-4.1	2	-44.1	2.3	5.9
2.457	14.1	16.4	-4.3	2	-44.3	2.1	5.4
2.45705	14	16.4	-4.4	2	-44.4	2	5
2.4571	14.9	16.4	-3.5	2	-43.5	2.9	7.8
2.45715	14.4	16.4	-4	2	-44	2.4	6.2

2.4572	14.6	16.4	-3.8	2	-43.8	2.6	6.8
2.45725	14.7	16.4	-3.7	2	-43.7	2.7	7.1
2.4573	14.6	16.4	-3.8	2	-43.8	2.6	7
Freq (GHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	LVL (dBm)	FER
2.45735	14.8	16.4	-3.6	2	-43.6	2.8	7.6
2.4574	14.5	16.4	-3.9	2	-43.9	2.5	6.6
2.45745	13.9	16.4	-4.5	2	-44.5	1.9	7.8
2.4575	13.2	16.4	-5.2	2	-45.2	1.2	5.7
2.45755	13	16.4	-5.4	2	-45.4	1	5.2
2.4576	13.2	16.4	-5.2	2	-45.2	1.2	5.8
2.45765	13.4	16.4	-5	2	-45	1.4	6.2
2.4577	13.6	16.4	-4.8	2	-44.8	1.6	6.8
2.45775	13.5	16.4	-4.9	2	-44.9	1.5	6.7
2.4578	13.7	16.4	-4.7	2	-44.7	1.7	7.2
2.45785	13.9	16.4	-4.5	2	-44.5	1.9	7.8
2.4579	13.8	16.4	-4.6	2	-44.6	1.8	7.4
2.45795	13.2	16.4	-5.2	2	-45.2	1.2	5.8
2.458	12.3	16.4	-6.1	2	-46.1	0.3	5.9
2.45805	12	16.4	-6.4	2	-46.4	0	5.1
2.4581	12.9	16.4	-5.5	2	-45.5	0.9	7.8
2.45815	12.2	16.4	-6.2	2	-46.2	0.2	5.6
2.4582	12.2	16.4	-6.2	2	-46.2	0.2	5.6
2.45825	12.6	16.4	-5.8	2	-45.8	0.6	6.9
2.4583	12.7	16.4	-5.7	2	-45.7	0.7	7.1
2.45835	12	16.4	-6.4	2	-46.4	0	5.2
2.4584	12.5	16.4	-5.9	2	-45.9	0.5	6.5
2.45845	12	16.4	-6.4	2	-46.4	0	5
2.4585	12.7	16.4	-5.7	2	-45.7	0.7	7.3
2.45855	12.4	16.4	-6	2	-46	0.4	6.3
2.4586	12.6	16.4	-5.8	2	-45.8	0.6	6.9
2.45865	12.3	16.4	-6.1	2	-46.1	0.3	6.1
2.4587	12.7	16.4	-5.7	2	-45.7	0.7	7.3
2.45875	12.6	16.4	-5.8	2	-45.8	0.6	6.9
2.4588	12.5	16.4	-5.9	2	-45.9	0.5	6.6
2.45885	12.3	16.4	-6.1	2	-46.1	0.3	6
2.4589	12.7	16.4	-5.7	2	-45.7	0.7	7.2
2.45895	12.8	16.4	-5.6	2	-45.6	0.8	7.6
2.459	11.4	16.4	-7	2	-47	-0.6	6.2
2.45905	11.2	16.4	-7.2	2	-47.2	-0.8	5.7
2.4591	11.3	16.4	-7.1	2	-47.1	-0.7	6
2.45915	11.4	16.4	-7	2	-47	-0.6	6.4
2.4592	11.3	16.4	-7.1	2	-47.1	-0.7	5.9

2.45925	11.1	16.4	-7.3	2	-47.3	-0.9	5.3
2.4593	11.4	16.4	-7	2	-47	-0.6	6.3
2.45935	11.2	16.4	-7.2	2	-47.2	-0.8	5.7
2.4594	11.5	16.4	-6.9	2	-46.9	-0.5	6.5
Freq (GHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	LVL (dBm)	FER
2.45945	11.4	16.4	-7	2	-47	-0.6	6.2
2.4595	11.7	16.4	-6.7	2	-46.7	-0.3	7.2
2.45955	11.2	16.4	-7.2	2	-47.2	-0.8	5.8
2.4596	11.4	16.4	-7	2	-47	-0.6	6.3
2.45965	11.8	16.4	-6.6	2	-46.6	-0.2	7.6
2.4597	11.8	16.4	-6.6	2	-46.6	-0.2	7.4
2.45975	11.6	16.4	-6.8	2	-46.8	-0.4	6.9
2.4598	11	16.4	-7.4	2	-47.4	-1	5.1
2.45985	11.3	16.4	-7.1	2	-47.1	-0.7	5.9
2.4599	11.5	16.4	-6.9	2	-46.9	-0.5	6.6
2.45995	11.8	16.4	-6.6	2	-46.6	-0.2	7.4
2.46	11.1	16.4	-7.3	2	-47.3	-0.9	5.5
2.46005	11.1	16.4	-7.3	2	-47.3	-0.9	5.5
2.4601	11	16.4	-7.4	2	-47.4	-1	5
2.46015	11.7	16.4	-6.7	2	-46.7	-0.3	7.2
2.4602	11.7	16.4	-6.7	2	-46.7	-0.3	7.1
2.46025	11.7	16.4	-6.7	2	-46.7	-0.3	7.1
2.4603	11.1	16.4	-7.3	2	-47.3	-0.9	5.5
2.46035	11.5	16.4	-6.9	2	-46.9	-0.5	6.6
2.4604	11.1	16.4	-7.3	2	-47.3	-0.9	5.4
2.46045	11.5	16.4	-6.9	2	-46.9	-0.5	6.6
2.4605	11.9	16.4	-6.5	2	-46.5	-0.1	7.9
2.46055	11.8	16.4	-6.6	2	-46.6	-0.2	7.6
2.4606	11.9	16.4	-6.5	2	-46.5	-0.1	7.9
2.46065	11.5	16.4	-6.9	2	-46.9	-0.5	6.5
2.4607	11.3	16.4	-7.1	2	-47.1	-0.7	6
2.46075	11.2	16.4	-7.2	2	-47.2	-0.8	5.7
2.4608	11.6	16.4	-6.8	2	-46.8	-0.4	6.9
2.46085	11.2	16.4	-7.2	2	-47.2	-0.8	5.7
2.4609	11.3	16.4	-7.1	2	-47.1	-0.7	5.9
2.46095	11.2	16.4	-7.2	2	-47.2	-0.8	5.6
2.461	11.4	16.4	-7	2	-47	-0.6	6.4
2.46105	11.3	16.4	-7.1	2	-47.1	-0.7	5.9
2.4611	11.2	16.4	-7.2	2	-47.2	-0.8	5.6
2.46115	11.5	16.4	-6.9	2	-46.9	-0.5	6.6
2.4612	11.1	16.4	-7.3	2	-47.3	-0.9	5.5
2.46125	11	16.4	-7.4	2	-47.4	-1	5.2

2.4613	11.9	16.4	-6.5	2	-46.5	-0.1	7.9
2.46135	11.9	16.4	-6.5	2	-46.5	-0.1	7.8
2.4614	11.3	16.4	-7.1	2	-47.1	-0.7	6
2.46145	11	16.4	-7.4	2	-47.4	-1	5.1
2.4615	11.2	16.4	-7.2	2	-47.2	-0.8	5.8
Freq	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	LVL	FER
(GHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(dBm)	
2.46155	11.6	16.4	-6.8	2	-46.8	-0.4	6.9
2.4616	11.6	16.4	-6.8	2	-46.8	-0.4	6.9
2.46165	11.5	16.4	-6.9	2	-46.9	-0.5	6.7
2.4617	11.9	16.4	-6.5	2	-46.5	-0.1	7.7
2.46175	11.5	16.4	-6.9	2	-46.9	-0.5	6.6
2.4618	11.9	16.4	-6.5	2	-46.5	-0.1	7.8
2.46185	11	16.4	-7.4	2	-47.4	-1	5.1
2.4619	11.3	16.4	-7.1	2	-47.1	-0.7	6.1
2.46195	11.5	16.4	-6.9	2	-46.9	-0.5	6.6
2.462	11	16.4	-7.4	2	-47.4	-1	5
2.46205	11.6	16.4	-6.8	2	-46.8	-0.4	6.8
2.4621	11	16.4	-7.4	2	-47.4	-1	5.1
2.46215	11.1	16.4	-7.3	2	-47.3	-0.9	5.3
2.4622	11	16.4	-7.4	2	-47.4	-1	5.2
2.46225	11.4	16.4	-7	2	-47	-0.6	6.4
2.4623	11.5	16.4	-6.9	2	-46.9	-0.5	6.6
2.46235	11.3	16.4	-7.1	2	-47.1	-0.7	6.1
2.4624	11.7	16.4	-6.7	2	-46.7	-0.3	7.3
2.46245	11.9	16.4	-6.5	2	-46.5	-0.1	7.8
2.4625	11.6	16.4	-6.8	2	-46.8	-0.4	7
2.46255	11.1	16.4	-7.3	2	-47.3	-0.9	5.5
2.4626	11.9	16.4	-6.5	2	-46.5	-0.1	7.9
2.46265	11.4	16.4	-7	2	-47	-0.6	6.4
2.4627	11.6	16.4	-6.8	2	-46.8	-0.4	6.8
2.46275	11.1	16.4	-7.3	2	-47.3	-0.9	5.4
2.4628	11	16.4	-7.4	2	-47.4	-1	5.1
2.46285	11.9	16.4	-6.5	2	-46.5	-0.1	7.7
2.4629	11.6	16.4	-6.8	2	-46.8	-0.4	7
2.46295	11.3	16.4	-7.1	2	-47.1	-0.7	6.1
2.463	11.5	16.4	-6.9	2	-46.9	-0.5	6.6
2.46305	11.9	16.4	-6.5	2	-46.5	-0.1	7.7
2.4631	11.8	16.4	-6.6	2	-46.6	-0.2	7.6
2.46315	11.2	16.4	-7.2	2	-47.2	-0.8	5.8
2.4632	11.9	16.4	-6.5	2	-46.5	-0.1	7.9
2.46325	11.6	16.4	-6.8	2	-46.8	-0.4	7
2.4633	11	16.4	-7.4	2	-47.4	-1	5.1

2.46335	11.4	16.4	-7	2	-47	-0.6	6.2
2.4634	11.4	16.4	-7	2	-47	-0.6	6.2
2.46345	11.8	16.4	-6.6	2	-46.6	-0.2	7.6
2.4635	11.3	16.4	-7.1	2	-47.1	-0.7	6
2.46355	11	16.4	-7.4	2	-47.4	-1	5.1
2.4636	11.9	16.4	-6.5	2	-46.5	-0.1	7.7
Freq	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	LVL	FER
(GHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(dBm)	
2.46365	11.4	16.4	-7	2	-47	-0.6	6.4
2.4637	11.5	16.4	-6.9	2	-46.9	-0.5	6.7
2.46375	11.6	16.4	-6.8	2	-46.8	-0.4	7
2.4638	11.8	16.4	-6.6	2	-46.6	-0.2	7.5
2.46385	11.1	16.4	-7.3	2	-47.3	-0.9	5.3
2.4639	11.7	16.4	-6.7	2	-46.7	-0.3	7.3
2.46395	11.3	16.4	-7.1	2	-47.1	-0.7	6
2.464	11.8	16.4	-6.6	2	-46.6	-0.2	7.4
2.46405	11.1	16.4	-7.3	2	-47.3	-0.9	5.4
2.4641	11.1	16.4	-7.3	2	-47.3	-0.9	5.5
2.46415	11	16.4	-7.4	2	-47.4	-1	5.1
2.4642	11.2	16.4	-7.2	2	-47.2	-0.8	5.7
2.46425	11.9	16.4	-6.5	2	-46.5	-0.1	7.9
2.4643	11.1	16.4	-7.3	2	-47.3	-0.9	5.4
2.46435	11.5	16.4	-6.9	2	-46.9	-0.5	6.6
2.4644	11.5	16.4	-6.9	2	-46.9	-0.5	6.7
2.46445	11.2	16.4	-7.2	2	-47.2	-0.8	5.6
2.4645	11	16.4	-7.4	2	-47.4	-1	5.2
2.46455	11.5	16.4	-6.9	2	-46.9	-0.5	6.7
2.4646	11.3	16.4	-7.1	2	-47.1	-0.7	6
2.46465	11.3	16.4	-7.1	2	-47.1	-0.7	6
2.4647	11	16.4	-7.4	2	-47.4	-1	5.1
2.46475	11.7	16.4	-6.7	2	-46.7	-0.3	7.1
2.4648	11.3	16.4	-7.1	2	-47.1	-0.7	5.9
2.46485	11.6	16.4	-6.8	2	-46.8	-0.4	6.9
2.4649	11.1	16.4	-7.3	2	-47.3	-0.9	5.4
2.46495	11	16.4	-7.4	2	-47.4	-1	5.1
2.465	11.9	16.4	-6.5	2	-46.5	-0.1	7.7
2.46505	11.8	16.4	-6.6	2	-46.6	-0.2	7.6
2.4651	11.6	16.4	-6.8	2	-46.8	-0.4	7
2.46515	12.4	16.4	-6	2	-46	0.4	6.2
2.4652	12.5	16.4	-5.9	2	-45.9	0.5	6.6
2.46525	12.1	16.4	-6.3	2	-46.3	0.1	5.4
2.4653	12.7	16.4	-5.7	2	-45.7	0.7	7.3
2.46535	12.9	16.4	-5.5	2	-45.5	0.9	7.7

2.4654	12.8	16.4	-5.6	2	-45.6	0.8	7.6
2.46545	12.8	16.4	-5.6	2	-45.6	0.8	7.4
2.4655	12.8	16.4	-5.6	2	-45.6	0.8	7.5
2.46555	12.8	16.4	-5.6	2	-45.6	0.8	7.4
2.4656	12.6	16.4	-5.8	2	-45.8	0.6	6.8
2.46565	12.4	16.4	-6	2	-46	0.4	6.4
2.4657	12.9	16.4	-5.5	2	-45.5	0.9	7.7
Freq (GHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	LVL (dBm)	FER
2.46575	12.1	16.4	-6.3	2	-46.3	0.1	5.5
2.4658	12.4	16.4	-6	2	-46	0.4	6.4
2.46585	12	16.4	-6.4	2	-46.4	0	5.1
2.4659	12.7	16.4	-5.7	2	-45.7	0.7	7.2
2.46595	12.2	16.4	-6.2	2	-46.2	0.2	5.7
2.466	12	16.4	-6.4	2	-46.4	0	5
2.46605	12.5	16.4	-5.9	2	-45.9	0.5	6.5
2.4661	12.4	16.4	-6	2	-46	0.4	6.4
2.46615	12.7	16.4	-5.7	2	-45.7	0.7	7.2
2.4662	13.8	16.4	-4.6	2	-44.6	1.8	7.6
2.46625	13.1	16.4	-5.3	2	-45.3	1.1	5.3
2.4663	13	16.4	-5.4	2	-45.4	1	5.1
2.46635	13.4	16.4	-5	2	-45	1.4	6.4
2.4664	13.3	16.4	-5.1	2	-45.1	1.3	5.9
2.46645	13.6	16.4	-4.8	2	-44.8	1.6	6.8
2.4665	13.6	16.4	-4.8	2	-44.8	1.6	6.8
2.46655	13.4	16.4	-5	2	-45	1.4	6.4
2.4666	13.2	16.4	-5.2	2	-45.2	1.2	5.6
2.46665	13.7	16.4	-4.7	2	-44.7	1.7	7.3
2.4667	13.8	16.4	-4.6	2	-44.6	1.8	7.5
2.46675	13.4	16.4	-5	2	-45	1.4	6.3
2.4668	13.9	16.4	-4.5	2	-44.5	1.9	7.7
2.46685	13.4	16.4	-5	2	-45	1.4	6.3
2.4669	13.7	16.4	-4.7	2	-44.7	1.7	7.3
2.46695	14.3	16.4	-4.1	2	-44.1	2.3	6.1
2.467	14.2	16.4	-4.2	2	-44.2	2.2	5.6
2.46705	14.1	16.4	-4.3	2	-44.3	2.1	5.3
2.4671	14.7	16.4	-3.7	2	-43.7	2.7	7.1
2.46715	14.7	16.4	-3.7	2	-43.7	2.7	7.1
2.4672	14.9	16.4	-3.5	2	-43.5	2.9	7.7
2.46725	14.3	16.4	-4.1	2	-44.1	2.3	6.1
2.4673	15.3	16.4	-3.1	2	-43.1	3.3	5.9
2.46735	15.3	16.4	-3.1	2	-43.1	3.3	5.9
2.4674	15.4	16.4	-3	2	-43	3.4	6.2

2.46745	15.3	16.4	-3.1	2	-43.1	3.3	6
2.4675	15.4	16.4	-3	2	-43	3.4	6.2
2.46755	15.7	16.4	-2.7	2	-42.7	3.7	7.2
2.4676	15.4	16.4	-3	2	-43	3.4	6.4
2.46765	15.9	16.4	-2.5	2	-42.5	3.9	7.7
2.4677	15	16.4	-3.4	2	-43.4	3	5.2
2.46775	16.5	16.4	-1.9	2	-41.9	4.5	6.6
2.4678	16.9	16.4	-1.5	2	-41.5	4.9	7.9
Freq	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	LVL	FER
(GHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(dBm)	
2.46785	16.8	16.4	-1.6	2	-41.6	4.8	7.6
2.4679	16.9	16.4	-1.5	2	-41.5	4.9	7.8
2.46795	16.8	16.4	-1.6	2	-41.6	4.8	7.6
2.468	16.9	16.4	-1.5	2	-41.5	4.9	7.7
2.46805	16	16.4	-2.4	2	-42.4	4	5
2.4681	16.1	16.4	-2.3	2	-42.3	4.1	5.4
2.46815	16.2	16.4	-2.2	2	-42.2	4.2	5.8
2.4682	16.4	16.4	-2	2	-42	4.4	6.2
2.46825	16.2	16.4	-2.2	2	-42.2	4.2	5.7
2.4683	16.4	16.4	-2	2	-42	4.4	6.2
2.46835	16.2	16.4	-2.2	2	-42.2	4.2	5.6
2.4684	17.4	16.4	-1	2	-41	5.4	6.3
2.46845	17.6	16.4	-0.8	2	-40.8	5.6	6.9
2.4685	17.2	16.4	-1.2	2	-41.2	5.2	5.6
2.46855	17.2	16.4	-1.2	2	-41.2	5.2	5.6
2.4686	17.2	16.4	-1.2	2	-41.2	5.2	5.6
2.46865	17	16.4	-1.4	2	-41.4	5	5.2
2.4687	17.9	16.4	-0.5	2	-40.5	5.9	7.7
2.46875	17.8	16.4	-0.6	2	-40.6	5.8	7.4
2.4688	17.7	16.4	-0.7	2	-40.7	5.7	7.1
2.46885	18.4	16.4	0	2	-40	6.4	6.2
2.4689	18.4	16.4	0	2	-40	6.4	6.3
2.46895	18.5	16.4	0.1	2	-39.9	6.5	6.7
2.469	18.4	16.4	0	2	-40	6.4	6.3
2.46905	18.3	16.4	-0.1	2	-40.1	6.3	5.9
2.4691	18	16.4	-0.4	2	-40.4	6	5.1
2.46915	18.9	16.4	0.5	2	-39.5	6.9	7.7
2.4692	18.6	16.4	0.2	2	-39.8	6.6	6.9
2.46925	18.1	16.4	-0.3	2	-40.3	6.1	5.5
2.4693	18.2	16.4	-0.2	2	-40.2	6.2	5.6
2.46935	18.3	16.4	-0.1	2	-40.1	6.3	6.1
2.4694	18.2	16.4	-0.2	2	-40.2	6.2	5.6
2.46945	18.1	16.4	-0.3	2	-40.3	6.1	5.5

2.4695	18.9	16.4	0.5	2	-39.5	6.9	7.9
2.46955	18.7	16.4	0.3	2	-39.7	6.7	7.2
2.4696	18	16.4	-0.4	2	-40.4	6	5.2
2.46965	18.2	16.4	-0.2	2	-40.2	6.2	5.8
2.4697	18.3	16.4	-0.1	2	-40.1	6.3	6
2.46975	18.7	16.4	0.3	2	-39.7	6.7	7.2
2.4698	18.2	16.4	-0.2	2	-40.2	6.2	5.6
2.46985	18	16.4	-0.4	2	-40.4	6	5
2.4699	18	16.4	-0.4	2	-40.4	6	5.1
Freq	Gp	(S/N)o	Mj=J/S	Lsys	Jammer	LVL	FER
(GHz)	(dB)	(dB)	(dB)	(dB)	(dBm)	(dBm)	
2.46995	18.9	16.4	0.5	2	-39.5	6.9	7.7
2.47	18.7	16.4	0.3	2	-39.7	6.7	7.3
2.47005	18.6	16.4	0.2	2	-39.8	6.6	6.8
2.4701	18	16.4	-0.4	2	-40.4	6	5.2
2.47015	18.2	16.4	-0.2	2	-40.2	6.2	5.7
2.4702	18	16.4	-0.4	2	-40.4	6	5.1
2.47025	18.4	16.4	0	2	-40	6.4	6.4
2.4703	18.8	16.4	0.4	2	-39.6	6.8	7.6
2.47035	18	16.4	-0.4	2	-40.4	6	5.1
2.4704	18.9	16.4	0.5	2	-39.5	6.9	7.7
2.47045	18.5	16.4	0.1	2	-39.9	6.5	6.6
2.4705	18.9	16.4	0.5	2	-39.5	6.9	7.8

Processing Gain(dB) @ 20th percentile= **12.1** dB

Transmitter signal level at Rx= - 40dBm