



FCC TEST REPORT

REPORT NO.: RF911218R01F

MODEL NO.: WPCI810G

RECEIVED: NA

TESTED: Dec. 16 ~ Dec. 18, 2002

APPLICANT: GENERAL INSTRUMENT CORP.

ADDRESS: 101 Tournament Dr. Horsham, PA 19044
United States of America

ISSUED BY: Advance Data Technology Corporation

LAB LOCATION: 47 14th Lin, Chiapau Tsun, Linko, Taipei,
Taiwan, R.O.C.

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0528
ILAC MRA



Lab Code: 200102-0



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1 CERTIFICATION

PRODUCT : Wireless PCI Adapter
MODEL NO. : WPCI810G
BRAND NAME : Motorola
APPLICANT : GENERAL INSTRUMENT CORP.
TEST ITEM : ENGINEERING SAMPLE
STANDARDS : FCC Part 15, Subpart C (Section 15.247),
ANSI C63.4-1992

We, **Advance Data Technology Corporation**, hereby certify that one sample of the designation has been tested in our facility from Dec. 16 ~ Dec. 18, 2002, The test record, data evaluation and Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions herein specified.

PREPARED BY:

Landy Soong
Landy Soong

DATE:

Dec. 15, 2003

APPROVED BY:

Ellis Wu
Ellis Wu /

Technical Manager

DATE:

Dec. 15, 2003

2 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 15, Subpart C			
Standard Section	Test Type and Limit	Result	REMARK
15.207	AC Power Conducted Emission	PASS	Meet the requirement of limit Minimum passing margin is -14.67dB at 1.809MHz
15.247(a)(2)	Spectrum Bandwidth of a Direct Sequence Spread Spectrum System Limit: min. 500kHz	PASS	Meet the requirement of limit
15.247(b)	Maximum Peak Output Power Limit: max. 30dBm	PASS	Meet the requirement of limit
15.247(c)	Transmitter Radiated Emissions Limit: Table 15.209	PASS	Meet the requirement of limit Minimum passing margin is -1.9dB at 2388.70MHz
15.247(d)	Power Spectral Density Limit: max. 8dBm	PASS	Meet the requirement of limit
15.247(c)	Band Edge Measurement Limit: 20 dB less than the peak value of fundamental frequency	PASS	Meet the requirement of limit

Note: The information of measurement uncertainty is available upon the customer's request.

3 GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Wireless PCI Adapter
MODEL NO.	WPCI810G
POWER SUPPLY	3.3VdC from host equipment
MODULATION TYPE	CCK, QPSK, DBPSK, 16QAM, 64QAM
MODULATION TECHNOLOGY	CCK, OFDM
TRANSFER RATE	1/2/5.5/6/9/11/12/18/24/36/48/54Mbps
FREQUENCY RANGE	2412MHz ~ 2462MHz
CHANNEL SPACING	5MHz
NUMBER OF CHANNEL	11
OUTPUT POWER	16.9dBm
ANTENNA TYPE	Dipole Antenna with 4dBi gain
DATA CABLE	NA
I/O PORTS	NA
ASSOCIATED DEVICES	NA

NOTE:

1. This report is issued as a duplicate report of ADT no.: RF911218R01 except its product, model and brand name.
2. The EUT operates in the 2.4GHz frequency spectrum with throughput of up to 54Mbps.
3. The EUT complies with IEEE 802.11g draft standards, and backwards compatible with IEEE 802.11b products.
4. For more detailed features description, please refer to the manufacturer's specifications or User's Manual.

3.2 DESCRIPTION OF TEST MODES

Eleven channels are provided to this EUT.

Channel	Frequency	Channel	Frequency
1	2412 MHz	7	2442 MHz
2	2417 MHz	8	2447 MHz
3	2422 MHz	9	2452 MHz
4	2427 MHz	10	2457 MHz
5	2432 MHz	11	2462 MHz
6	2437 MHz		

NOTE:

1. Below 1 GHz, the channel 1, 6, and 11 were pre-tested in chamber. The channel 11, worst case one, was chosen for final test.
2. Above 1 GHz, the channel 1, 6, and 11 were tested individually.
3. Transfer rate of 11Mbps with CCK technique and 54Mbps with OFDM technique, the worst case, was chosen for final test.
4. Test result A is for 802.11b(DSSS) and test result B is for 802.11g(OFDM).

3.3 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is an Wireless PCI Adapter. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC Part 15, Subpart C. (15.247)
ANSI C63.4 : 1992

All test items have been performed and recorded as per the above standards.

NOTE: The EUT is also considered as a kind of computer peripheral, because the connection to computer is necessary for typical use. It has been verified to comply with the requirements of FCC Part 15, Subpart B, Class B (DoC). The test report has been issued separately.



3.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	PERSONAL COMPUTER	HP	Brio BA410	SG12902751	FCC DoC APPROVED
2	COLOR MONITOR	ADI	CM100	026058T10200611 A	FCC DoC APPROVED
3	PRINTER	EPSON	LQ-300+	DCGY017096	FCC DoC APPROVED
4	PS/2 KEYBOARD	FORWARD	FDA-104GA	FDKB8110117	F4ZDA-104G
5	PS/2 MOUSE	LOGITECH	M-S43	LZE00703207	DZL211106
6	MODEM	ACEEX	1414	980020569	IFAXDM1414

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	NA
2	1.8 m braid shielded wire, terminated with VGA connector via metallic frame, w/o core
3	1.2m braid shielded wire, terminated with DB25 and Centronics connector via metallic frame, w/o core
4	1.5 m foil shielded wire, terminated with PS/2 connector via metallic frame, w/o core.
5	1.8 m foil shielded wire, terminated with PS/2 connector via drain wire, w/o core.
6	1.2 m braid shielded wire, terminated with DB25 and DB9 connector via metallic frame, w/o core.

NOTE: All power cords of the above support units are non shielded (1.8m).

4 TEST TYPES AND RESULTS

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY OF EMISSION (MHz)	CONDUCTED LIMIT (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

- NOTE:**
1. The lower limit shall apply at the transition frequencies.
 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.
 3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

4.1.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED ON
ROHDE & SCHWARZ Test Receiver	ESCS30	847793/022	Mar. 12, 2003
ROHDE & SCHWARZ Artificial Mains Network (for EUT)	ESH2-Z5	828075/003	Jul. 23, 2003
ROHDE & SCHWARZ 200-A Four-line V-Network	ENV4200	830326/018	Oct. 30, 2003
* ROHDE & SCHWARZ 4-wire ISN	ENY41	838119/028	Nov. 29, 2003
* ROHDE & SCHWARZ 2-wire ISN	ENY22	837497/018	Nov. 29, 2003
EMCO-L.I.S.N. (for peripheral)	3825/2	90031627	Jul. 23, 2003
Software	Cond-V2L	NA	NA
RF cable (JYEBAO)	5D-FB	Cable-C05.01	Jul. 23, 2003
LYNICS Terminator (For EMCO LISN)	0900510	E1-01-305	Feb. 20, 2003
LYNICS Terminator (For EMCO LISN)	0900510	E1-01-306	Feb. 20, 2003
Shielded Room	Site 5	ADT-C05	NA
VCCI Site Registration No.	Site 5	C-1093	NA

- NOTE:**
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. “*”: These equipment are used for conducted telecom port test only (if tested).
 3. The test was performed in ADT Open Site No. 5.



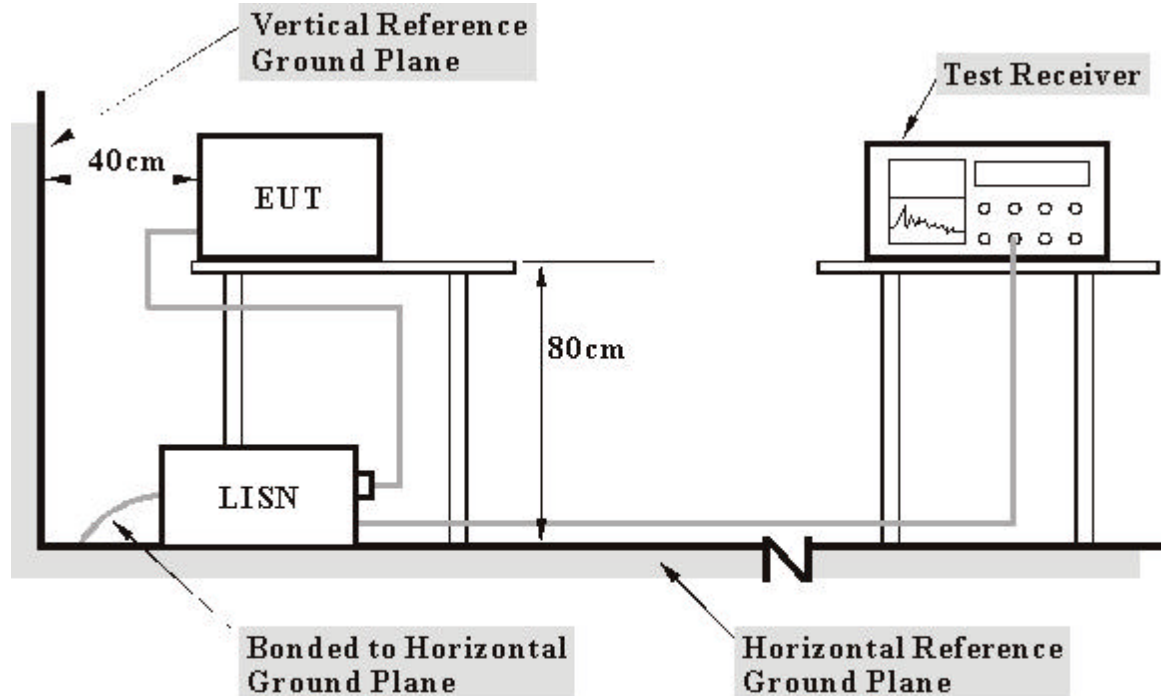
4.1.3 TEST PROCEDURES

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels over 10dB under the prescribed limits could not be reported

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



- Note:**
1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

4.1.6 EUT OPERATING CONDITIONS

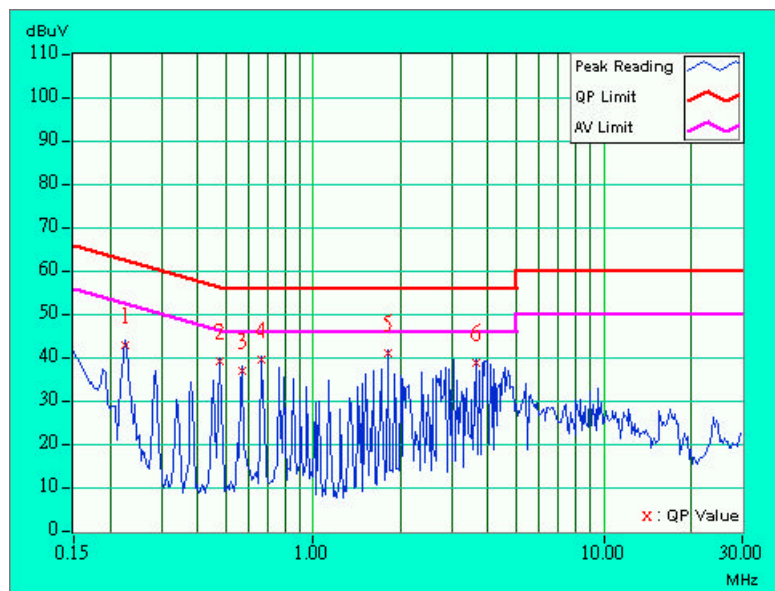
- a. Plug the EUT into a computer system placed on a testing table.
- b. The computer system ran a test program to enable EUT under transmission/receiving condition continuously at specific channel frequency.
- c. The computer system sent "H" messages to its screen.
- d. The computer system sent "H" messages to modem.
- e. The computer system sent "H" messages to printer, and the printer prints them on paper.

4.1.7 TEST RESULTS

EUT	Wireless PCI Adapter	MODEL	WPCI810G
MODE	Channel 1	6dB BANDWIDTH	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	24deg. C, 66%RH, 1005 hPa	TESTED BY: Cody Chang	

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.224	0.10	42.47	-	42.57	-	62.66	52.66	-20.09	-
2	0.474	0.11	38.91	-	39.02	-	56.44	46.44	-17.42	-
3	0.572	0.13	36.63	-	36.76	-	56.00	46.00	-19.24	-
4	0.666	0.14	39.12	-	39.26	-	56.00	46.00	-16.74	-
5	1.809	0.20	40.89	-	41.09	-	56.00	46.00	-14.91	-
6	3.617	0.36	38.58	-	38.94	-	56.00	46.00	-17.06	-

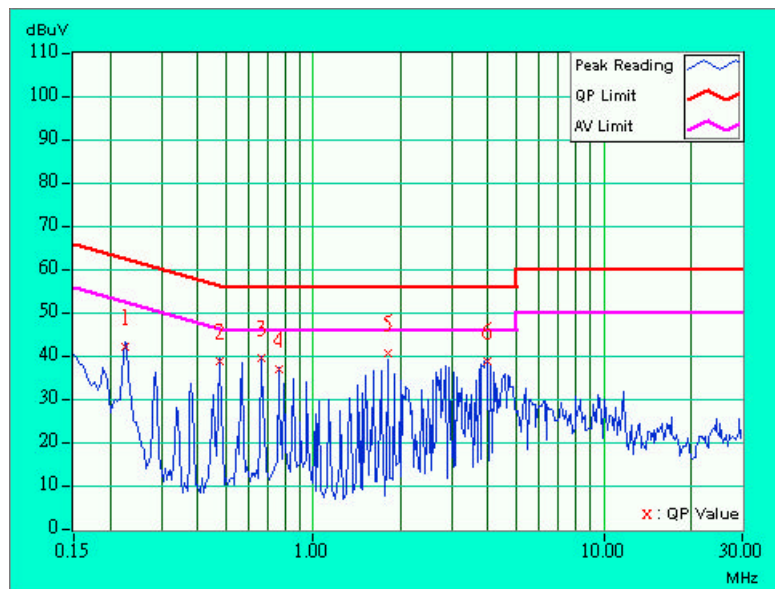
- REMARKS:** 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Correction factor = Insertion loss + Cable loss
6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless PCI Adapter	MODEL	WPCI810G
MODE	Channel 1	6dB BANDWIDTH	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	24deg. C, 66%RH, 1005 hPa	TESTED BY: Cody Chang	

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.224	0.10	42.08	-	42.18	-	62.66	52.66	-20.48	-
2	0.474	0.11	38.56	-	38.67	-	56.44	46.44	-17.77	-
3	0.666	0.14	39.30	-	39.44	-	56.00	46.00	-16.56	-
4	0.759	0.16	36.74	-	36.90	-	56.00	46.00	-19.10	-
5	1.809	0.20	40.49	-	40.69	-	56.00	46.00	-15.31	-
6	3.996	0.30	38.49	-	38.79	-	56.00	46.00	-17.21	-

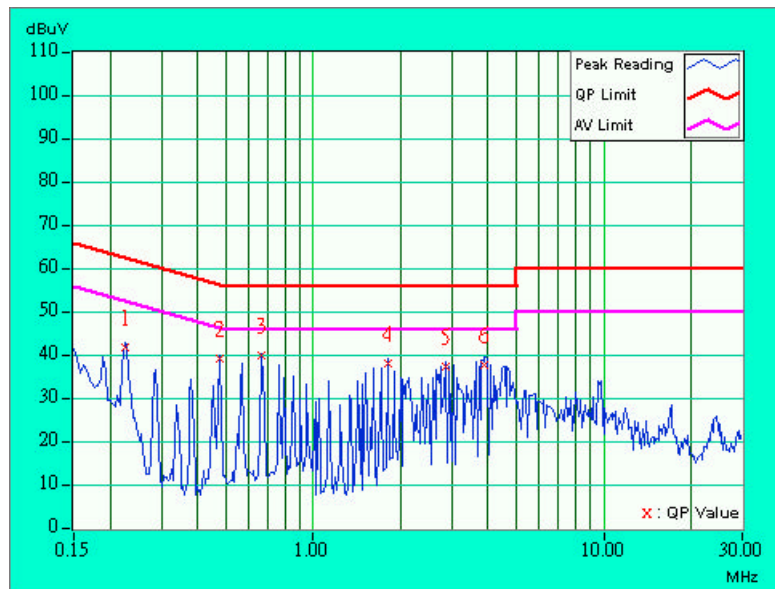
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 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless PCI Adapter	MODEL	WPCI810G
MODE	Channel 6	6dB BANDWIDTH	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	24deg. C, 66%RH, 1005 hPa	TESTED BY: Cody Chang	

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.224	0.10	41.58	-	41.68	-	62.66	52.66	-20.98	-
2	0.474	0.11	38.70	-	38.81	-	56.44	46.44	-17.63	-
3	0.666	0.14	39.46	-	39.60	-	56.00	46.00	-16.40	-
4	1.805	0.20	37.80	-	38.00	-	56.00	46.00	-18.00	-
5	2.855	0.29	37.09	-	37.38	-	56.00	46.00	-18.62	-
6	3.898	0.39	37.40	-	37.79	-	56.00	46.00	-18.21	-

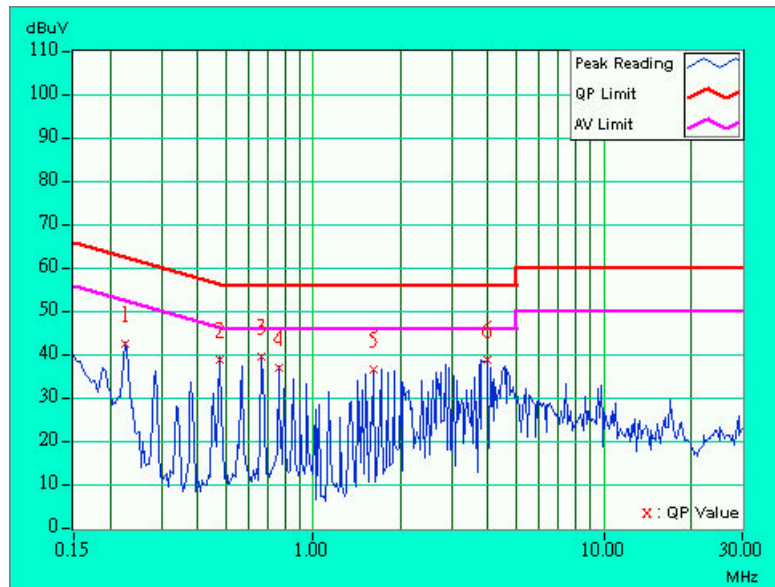
- REMARKS:**
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 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless PCI Adapter	MODEL	WPCI810G
MODE	Channel 6	6dB BANDWIDTH	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	24deg. C, 66%RH, 1005 hPa	TESTED BY: Cody Chang	

No	Freq.	Corr. Factor	Reading Value [dB (Uv)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.224	0.10	42.14	-	42.24	-	62.66	52.66	-20.42	-
2	0.474	0.11	38.56	-	38.67	-	56.44	46.44	-17.77	-
3	0.666	0.14	39.28	-	39.42	-	56.00	46.00	-16.58	-
4	0.759	0.16	36.72	-	36.88	-	56.00	46.00	-19.12	-
5	1.617	0.20	36.24	-	36.44	-	56.00	46.00	-19.56	-
6	3.996	0.30	38.45	-	38.75	-	56.00	46.00	-17.25	-

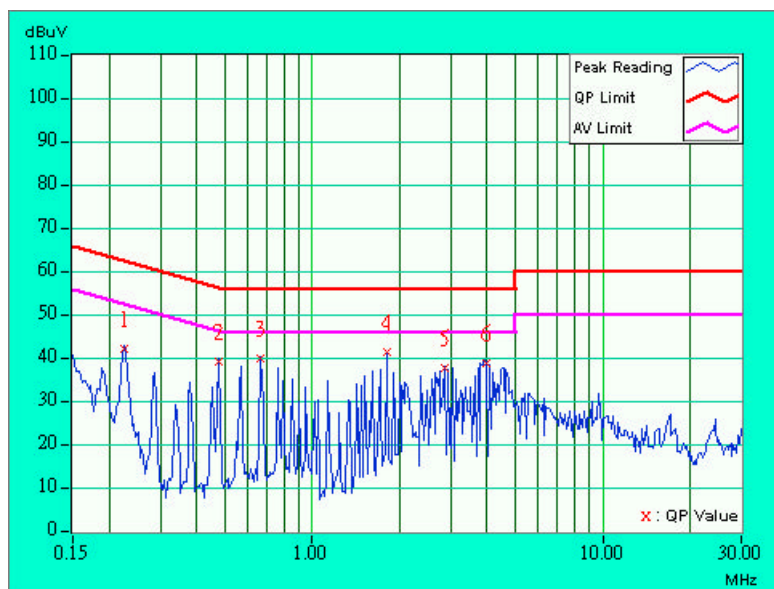
- REMARKS:**
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 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless PCI Adapter	MODEL	WPCI810G
MODE	Channel 11	6dB BANDWIDTH	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	24deg. C, 66%RH, 1005 hPa	TESTED BY: Cody Chang	

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.224	0.10	41.70	-	41.80	-	62.66	52.66	-20.86	-
2	0.474	0.11	38.70	-	38.81	-	56.44	46.44	-17.63	-
3	0.666	0.14	39.54	-	39.68	-	56.00	46.00	-16.32	-
4	1.809	0.20	41.13	-	41.33	-	56.00	46.00	-14.67	-
5	2.855	0.29	37.24	-	37.53	-	56.00	46.00	-18.47	-
6	3.996	0.40	38.39	-	38.79	-	56.00	46.00	-17.21	-

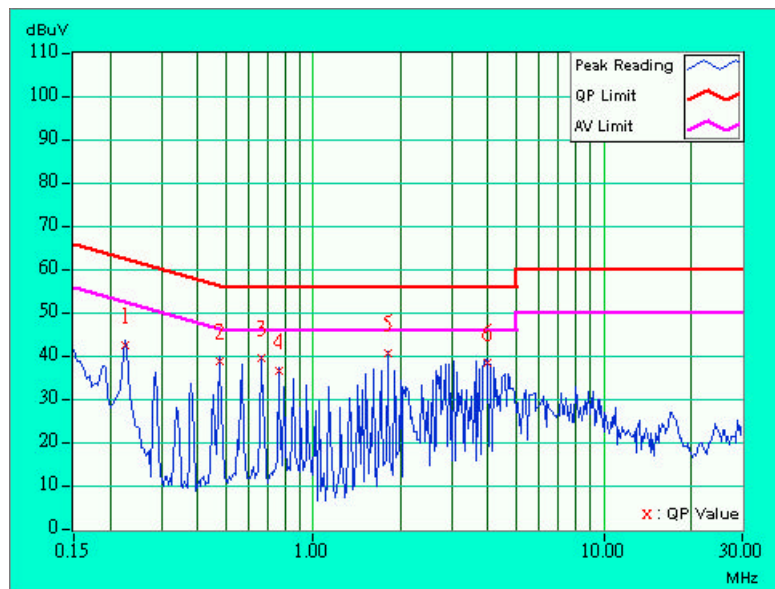
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



EUT	Wireless PCI Adapter	MODEL	WPCI810G
MODE	Channel 11	6dB BANDWIDTH	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	24deg. C, 66%RH, 1005 hPa	TESTED BY: Cody Chang	

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.224	0.10	42.18	-	42.28	-	62.66	52.66	-20.38	-
2	0.474	0.11	38.54	-	38.65	-	56.44	46.44	-17.79	-
3	0.666	0.14	39.30	-	39.44	-	56.00	46.00	-16.56	-
4	0.763	0.16	36.42	-	36.58	-	56.00	46.00	-19.42	-
5	1.809	0.20	40.57	-	40.77	-	56.00	46.00	-15.23	-
6	3.996	0.30	38.31	-	38.61	-	56.00	46.00	-17.39	-

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.





4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

Frequencies (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

4.2.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED ON
* HP Spectrum Analyzer	8590L	3544A01176	May 13, 2003
* HP Preamplifier	8447D	2944A08485	Apr. 29, 2003
* HP Preamplifier	8449B	3008A01201	Dec. 01, 2003
* ROHDE & SCHWARZ TEST RECEIVER	ESMI	839013/007 839379/002	Jan. 27, 2003
SCHAFFNER Tunable Dipole Antenna SCHWARZBECK Tunable Dipole Antenna	VHBA 9123 UHA 9105	459 977	Nov. 22, 2003
* CHASE BILOG Antenna	CBL6112A	2221	Aug. 02, 2003
* EMCO Horn Antenna	3115	9312-4192	Apr. 09, 2003
* EMCO Turn Table	1060	1115	NA
* SHOSHIN Tower	AP-4701	A6Y005	NA
* Software	AS61D4	NA	NA
* ANRITSU RF Switches	MP59B	M35046	Jan. 25, 2003
* TIMES RF cable	LMR-600	CABLE-ST5-01	Jul. 12, 2003
Open Field Test Site	Site 5	ADT-R05	Jul. 19, 2003
VCCI Site Registration No.	Site 5	R-1039	NA
Site Registration No.	FCC: 90422 Canada IC: IC 3789 VCCI: R-1039		

- NOTE:** 1. The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to NML/ROC and NIST/USA.
2. "*" = These equipment are used for the final measurement.
3. The horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
4. The test was performed in ADT Open Site No. 5.



4.2.3 TEST PROCEDURES

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10 dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10 dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

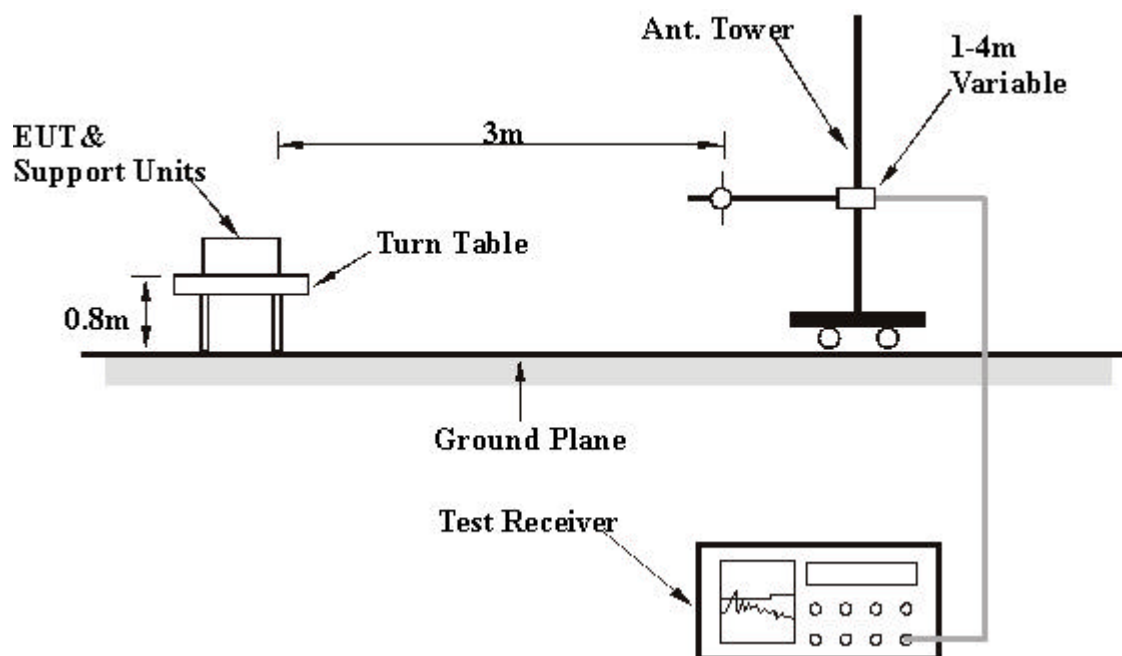
NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Peak detection (PK) and Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz for Peak detection at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 10 Hz for Average detection (AV) at frequency above 1GHz.

4.2.4 DEVIATION FROM TEST STANDARD

No deviation

4.2.5 TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

4.2.6 EUT OPERATING CONDITIONS

Same as 4.1.6

4.2.7 TEST RESULTS

EUT	Wireless PCI Adapter	MODEL	WPCI810G
MODE	Channel 11	FREQUENCY RANGE	Below 1000 MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	25 deg. C, 60 % RH, 1050 hPa	TESTED BY: Gary Chang	

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	120.00	27.0 QP	43.50	-16.50	1.28 H	61	11.70	15.30
2	160.00	28.2 QP	43.50	-15.30	1.46 H	213	15.30	12.90
3	166.20	27.2 QP	43.50	-16.30	1.28 H	124	14.40	12.80
4	200.00	27.5 QP	43.50	-16.00	1.39 H	308	14.30	13.20
5	240.00	30.0 QP	46.00	-16.00	1.28 H	314	12.60	17.40
6	299.80	28.2 QP	46.00	-17.80	1.64 H	225	8.30	19.90
7	360.00	29.0 QP	46.00	-17.00	1.20 H	142	7.30	21.70
8	720.00	28.5 QP	46.00	-17.50	1.61 H	232	-0.10	28.60
9	880.00	32.5 QP	46.00	-13.50	1.24 H	352	1.20	31.30

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	80.00	27.7 QP	40.00	-12.30	1.28 V	324	18.50	9.20
2	120.00	34.8 QP	43.50	-8.70	1.09 V	115	19.50	15.30
3	160.00	30.6 QP	43.50	-12.90	1.28 V	241	17.70	12.90
4	166.78	28.0 QP	43.50	-15.50	1.12 V	302	15.20	12.80
5	200.00	35.0 QP	43.50	-8.50	1.22 V	145	21.80	13.20
6	240.00	28.5 QP	46.00	-17.50	1.45 V	124	11.10	17.40
7	299.50	29.5 QP	46.00	-16.50	1.03 V	205	9.60	19.90
8	720.00	30.2 QP	46.00	-15.80	1.14 V	133	1.60	28.60
9	829.00	31.2 QP	46.00	-14.80	1.12 V	214	0.30	30.90
10	960.00	35.0 QP	46.00	-11.00	1.33 V	75	3.30	31.70

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.

4.2.8 TEST RESULTS (A)

EUT	Wireless PCI Adapter	MODEL	WPCI810G
MODE	Channel 1	FREQUENCY RANGE	Above 1000 MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25 deg. C, 60 % RH, 1050 hPa	TESTED BY: Gary Chang	

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1608.00	37.2 PK	74.00	-36.80	1.24 H	245	9.70	27.40
2	2345.00	44.0 PK	74.00	-30.00	1.11 H	320	14.90	29.20
3	*2412.00	96.1 PK			1.64 H	291	66.40	29.70
3	*2412.00	87.1 AV			1.64 H	291	57.30	27.40
4	3216.00	41.9 PK	74.00	-32.10	1.39 H	42	9.50	32.40
5	4824.00	45.1 PK	74.00	-28.90	1.20 H	281	9.70	35.40

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1608.00	38.5 PK	74.00	-35.50	1.33 V	108	11.00	27.40
2	2388.70	63.5 PK	74.00	-10.50	1.02 V	220	34.00	29.50
2	2388.70	52.1 AV	54.00	-1.90	1.02 V	220	22.60	27.40
3	*2412.00	105.9 PK			1.02 V	220	76.20	29.70
3	*2412.00	96.8 AV			1.02 V	220	67.10	29.50
4	3216.00	45.5 PK	74.00	-28.50	1.27 V	314	13.10	32.40
5	4824.00	48.1 PK	74.00	-25.90	1.23 V	247	12.70	35.40

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * ” : Fundamental frequency.
 6. The other emission levels were very low against the limit.



EUT	Wireless PCI Adapter	MODEL	WPCI810G
MODE	Channel 6	FREQUENCY RANGE	Above 1000 MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25 deg. C, 60 % RH, 1050 hPa	TESTED BY: Gary Chang	

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1624.00	40.1 PK	74.00	-33.90	1.17 H	243	12.70	27.40
2	*2437.00	94.0 PK			1.49 H	211	64.10	29.90
2	*2437.00	85.8 AV			1.49 H	211	55.80	27.40
3	3648.00	42.4 PK	74.00	-31.60	1.48 H	192	9.30	33.10
4	4874.00	44.7 PK	74.00	-29.30	1.23 H	141	9.20	35.50

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1824.00	37.1 PK	74.00	-36.90	1.08 V	309	10.20	26.90
2	*2437.00	102.0 PK			1.00 V	207	72.10	29.90
2	*2437.00	94.0 AV			1.00 V	207	64.10	26.90
3	3248.90	43.3 PK	74.00	-30.70	1.27 V	151	10.90	32.40
4	4874.00	46.5 PK	74.00	-27.50	1.37 V	142	11.00	35.50

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * ” : Fundamental frequency.
 6. The other emission levels were very low against the limit.



EUT	Wireless PCI Adapter	MODEL	WPCI810G
MODE	Channel 11	FREQUENCY RANGE	Above 1000 MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25 deg. C, 60 % RH, 1050 hPa	TESTED BY: Gary Chang	

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1641.00	36.9 PK	74.00	-37.10	1.15 H	322	9.50	27.40
2	*2463.00	94.4 PK			1.18 H	231	64.30	30.10
2	*2463.00	85.8 AV			1.18 H	231	55.70	27.40
3	2492.00	40.6 PK	74.00	-33.40	1.50 H	256	10.30	30.40
4	3282.00	41.9 PK	74.00	-32.10	1.20 H	141	9.40	32.50
5	4924.00	45.8 PK	74.00	-28.20	1.33 H	23	10.20	35.60

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1641.00	38.9 PK	74.00	-35.10	1.57 V	241	11.50	27.40
2	*2463.00	103.7 PK			1.01 V	187	73.60	30.10
2	*2463.00	95.9 AV			1.01 V	187	65.80	27.40
3	2497.00	43.2 PK	74.00	-30.80	1.38 V	51	12.80	30.40
4	3282.00	43.4 PK	74.00	-30.60	1.18 V	152	10.90	32.50
5	4924.00	44.4 PK	74.00	-29.60	1.60 V	142	8.80	35.60

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * ” : Fundamental frequency.
 6. The other emission levels were very low against the limit.

4.2.9 TEST RESULTS (B)

EUT	Wireless PCI Adapter	MODEL	WPCI810G
MODE	Channel 1	FREQUENCY RANGE	Above 1000 MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25 deg. C, 60 % RH, 1050 hPa	TESTED BY: Gary Chang	

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1608.00	37.2 PK	74.00	-36.80	1.37 H	247	9.70	27.40
2	2351.00	47.1 PK	74.00	-26.90	1.23 H	241	17.90	29.20
3	*2412.00	98.8 PK			1.11 H	227	69.10	29.70
3	*2412.00	83.0 AV			1.11 H	227	53.30	27.40
4	3216.00	41.5 PK	74.00	-32.50	1.21 H	15	9.10	32.40
5	4824.00	44.8 PK	74.00	-29.20	1.26 H	327	9.40	35.40

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1608.00	37.0 PK	74.00	-37.00	1.37 V	92	9.50	27.40
2	2389.00	59.0 PK	74.00	-15.00	1.13 V	131	29.50	29.50
2	2389.00	50.3 AV	54.00	-3.70	1.13 V	131	20.80	27.40
3	*2412.00	107.6 PK			1.34 V	237	77.90	29.70
3	*2412.00	87.2 AV			1.34 V	237	57.50	29.50
4	3216.00	45.2 PK	74.00	-28.80	1.13 V	204	12.90	32.40
5	4824.00	45.6 PK	74.00	-28.40	1.39 V	17	10.20	35.40

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * ” : Fundamental frequency.
 6. The other emission levels were very low against the limit.

EUT	Wireless PCI Adapter	MODEL	WPCI810G
MODE	Channel 6	FREQUENCY RANGE	Above 1000 MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25 deg. C, 60 % RH, 1050 hPa	TESTED BY: Gary Chang	

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1624.70	38.4 PK	74.00	-35.60	1.19 H	241	11.00	27.40
2	*2437.00	95.8 PK			1.46 H	210	65.90	29.90
2	*2437.00	90.8 AV			1.46 H	210	60.80	27.40
3	3248.00	42.5 PK	74.00	-31.50	1.32 H	324	10.10	32.40
4	4874.00	44.9 PK	74.00	-29.10	1.24 H	11	9.40	35.50

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1624.50	38.9 PK	74.00	-35.10	1.45 V	172	11.50	27.40
2	*2437.00	100.7 PK			1.04 V	215	70.80	29.90
2	*2437.00	89.6 AV			1.04 V	215	59.70	27.40
3	3248.00	45.0 PK	74.00	-29.00	1.31 V	73	12.60	32.40
4	4874.00	46.9 PK	74.00	-27.10	1.16 V	72	11.40	35.50

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * ” : Fundamental frequency.
 6. The other emission levels were very low against the limit.



EUT	Wireless PCI Adapter	MODEL	WPCI810G
MODE	Channel 11	FREQUENCY RANGE	Above 1000 MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25 deg. C, 60 % RH, 1050 hPa	TESTED BY: Gary Chang	

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1641.00	38.4 PK	74.00	-35.60	1.52 H	19	11.00	27.40
2	*2463.00	94.2 PK			1.52 H	206	64.10	30.10
2	*2463.00	78.1 AV			1.52 H	206	48.00	27.40
3	2497.00	39.9 PK	74.00	-34.10	1.33 H	328	9.50	30.40
4	3282.00	42.1 PK	74.00	-31.90	1.50 H	10	9.60	32.50
5	4924.00	45.5 PK	74.00	-28.50	1.37 H	75	9.90	35.60

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1641.00	40.1 PK	74.00	-33.90	1.32 V	252	12.70	27.40
2	*2463.00	100.5 PK			1.12 V	133	70.40	30.10
2	*2463.00	84.0 AV			1.12 V	133	53.90	27.40
3	2492.00	42.2 PK	74.00	-31.80	1.35 V	142	11.90	30.40
4	3282.00	42.7 PK	74.00	-31.30	1.37 V	75	10.20	32.50
5	4924.00	44.8 PK	74.00	-29.20	1.19 V	235	9.20	35.60

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * ” : Fundamental frequency.
 6. The other emission levels were very low against the limit.

4.3 6dB BANDWIDTH MEASUREMENT

4.3.1 LIMITS OF 6dB BANDWIDTH MEASUREMENT

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

4.3.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated On
SPECTRUM ANALYZER	FSEK30	100049	July 24, 2003

NOTE: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

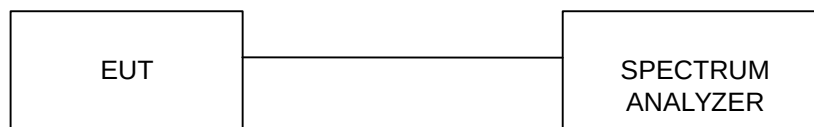
4.3.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with 100 kHz RBW and 100 kHz VBW. The 6 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6 dB.

4.3.4 DEVIATION FROM TEST STANDARD

No deviation

4.3.5 TEST SETUP



For the actual test configuration, please refer to the related Item – Photographs of the Test Configuration.

4.3.6 EUT OPERATING CONDITIONS

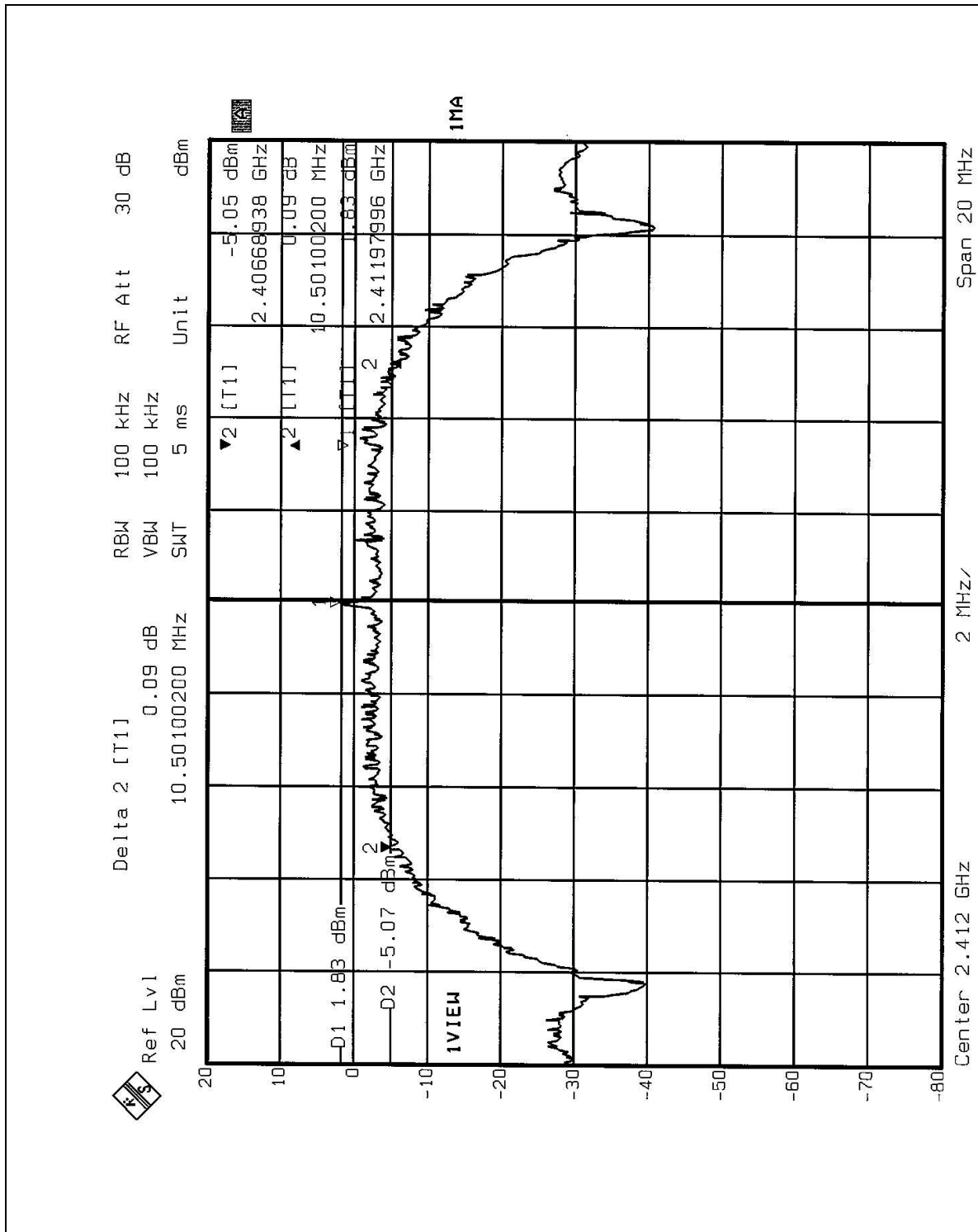
The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.3.7 TEST RESULTS (A)

EUT	Wireless PCI Adapter	MODEL	WPCI810G
INPUT POWER (SYSTEM)	120Vac, 60 Hz	ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 1005 hPa
TESTED BY: Bunny Yao			

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	10.501	0.5	PASS
6	2437	10.821	0.5	PASS
11	2462	10.621	0.5	PASS

CH1



The image shows a spectrum analyzer display with a grid. The horizontal axis represents frequency, with a center frequency of 2.437 GHz and a span of 20 MHz. The vertical axis represents power in dBm, ranging from -80 to 20. A prominent peak is visible at the center frequency, reaching approximately -40 dBm. The display includes a trace and various measurement parameters.

Parameters shown on the left side of the display:

- Ref Lvl: 20 dBm
- Delta 2 [T1]: 0.68 dB
- RBW: 100 kHz
- VBW: 100 kHz
- SWT: 5 ms
- Unit: dBm

Parameters shown on the right side of the display:

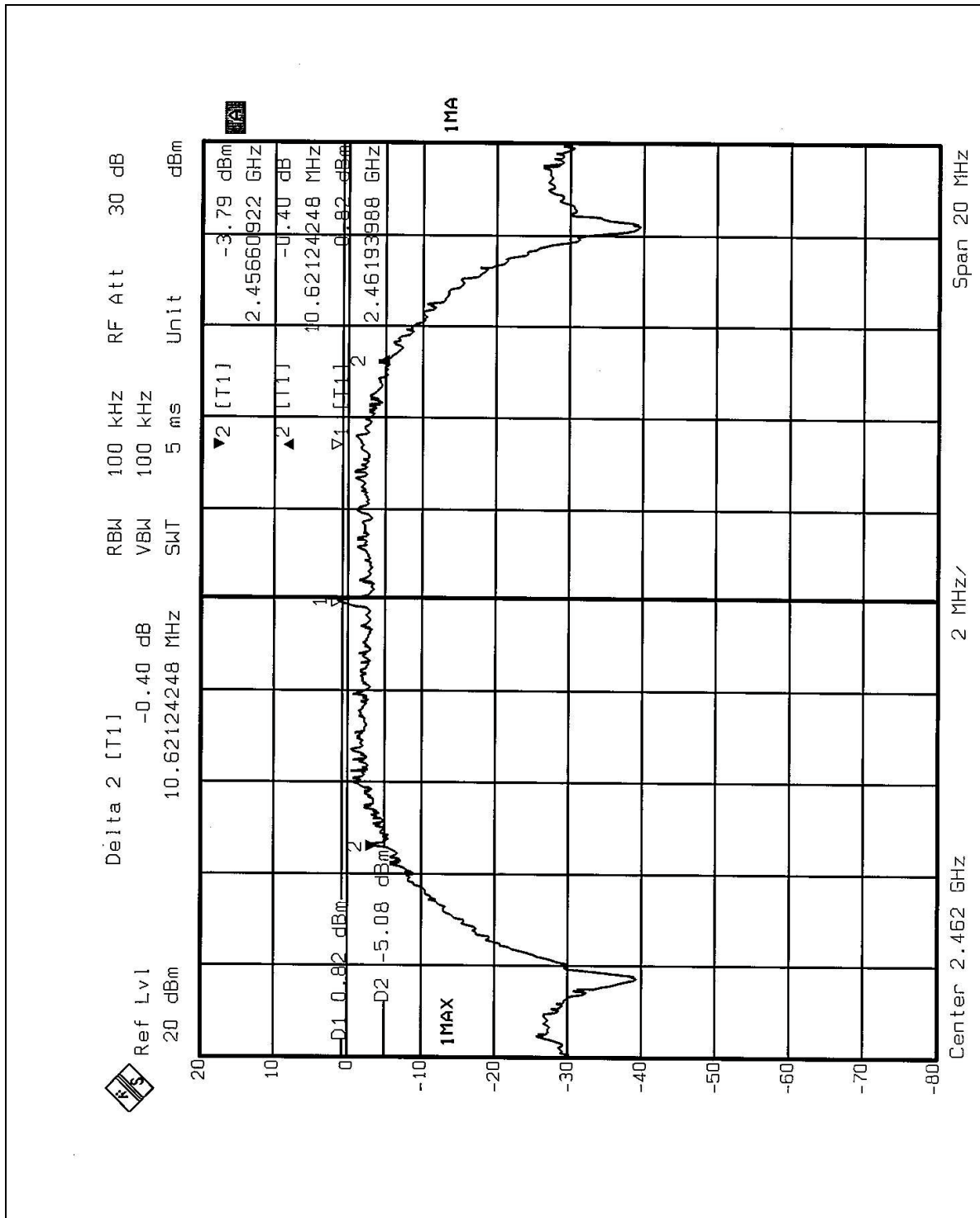
- RF Att: 30 dB
- Span: 20 MHz
- Center: 2.437 GHz

Measurement data shown on the right side of the display:

Marker	Frequency (GHz)	Power (dBm)
1	2.43184970	-5.50
2	2.43689980	-5.74

The display also shows a trace of the spectrum, with a peak at the center frequency. The trace is labeled "1VIEW".

CH11

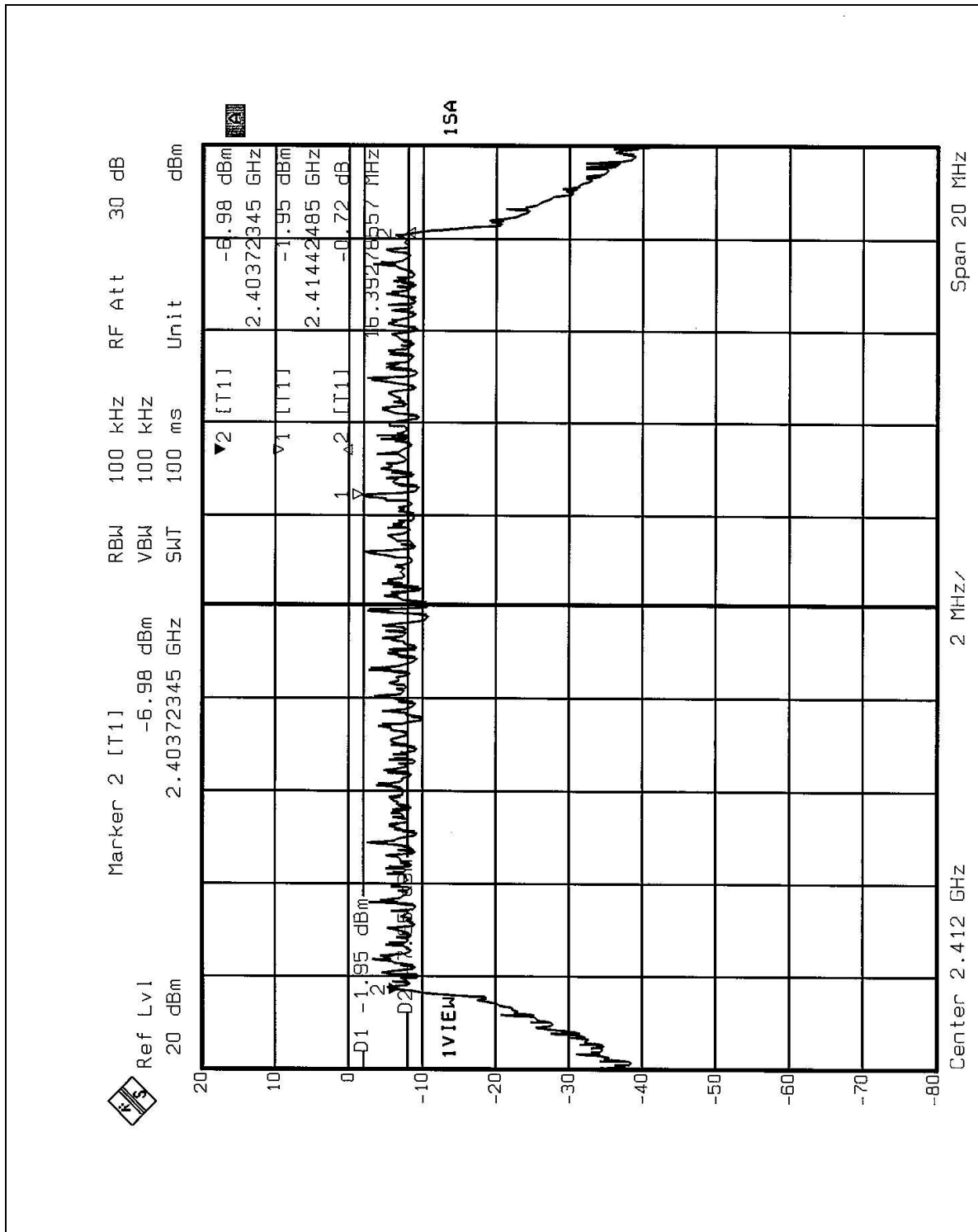


4.3.8 TEST RESULTS (B)

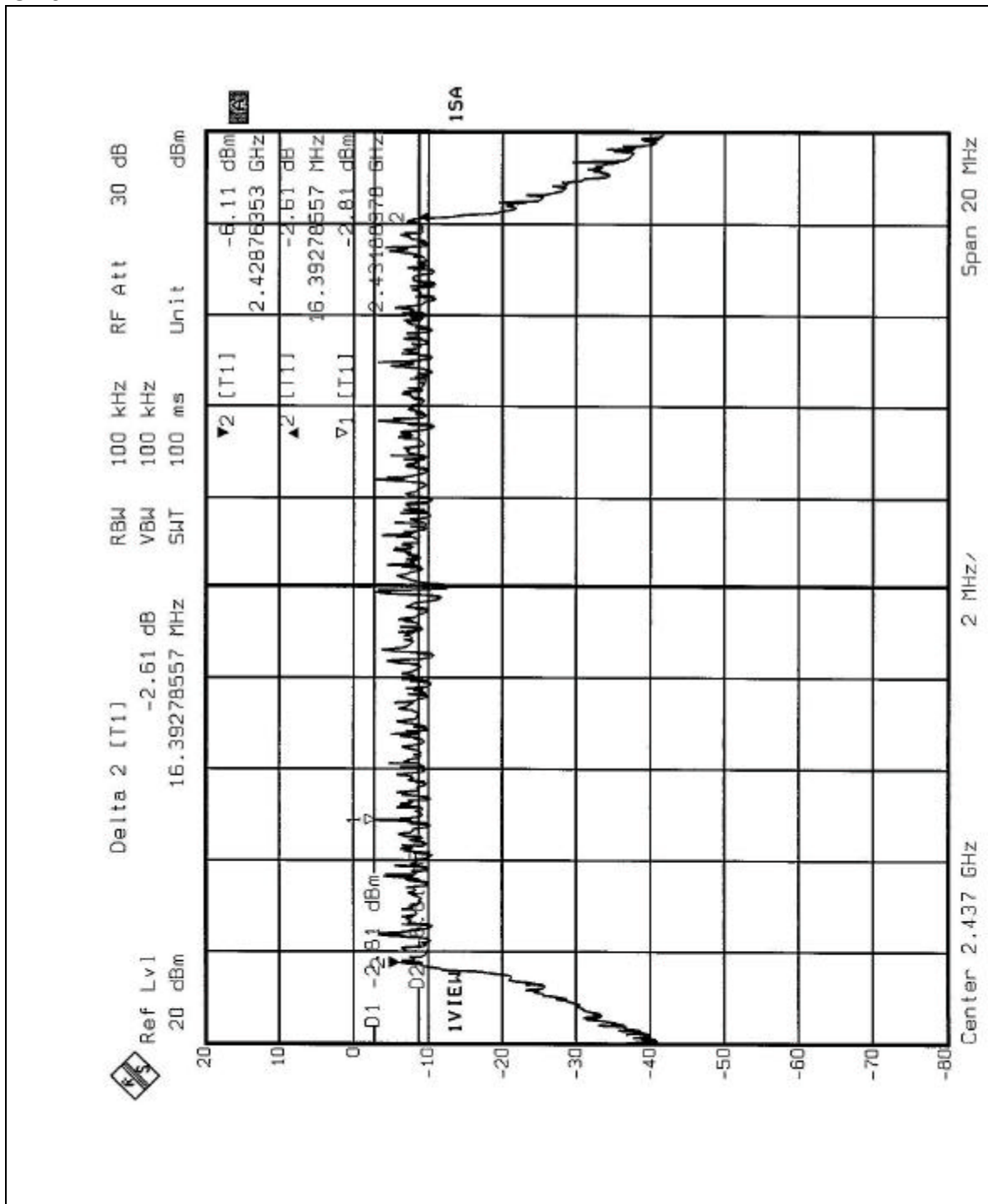
EUT	Wireless PCI Adapter	MODEL	WPCI810G
INPUT POWER (SYSTEM)	120Vac, 60 Hz	ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 1005 hPa
TESTED BY: Bunny Yao			

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	16.3927	0.5	PASS
6	2437	16.3927	0.5	PASS
11	2462	16.4329	0.5	PASS

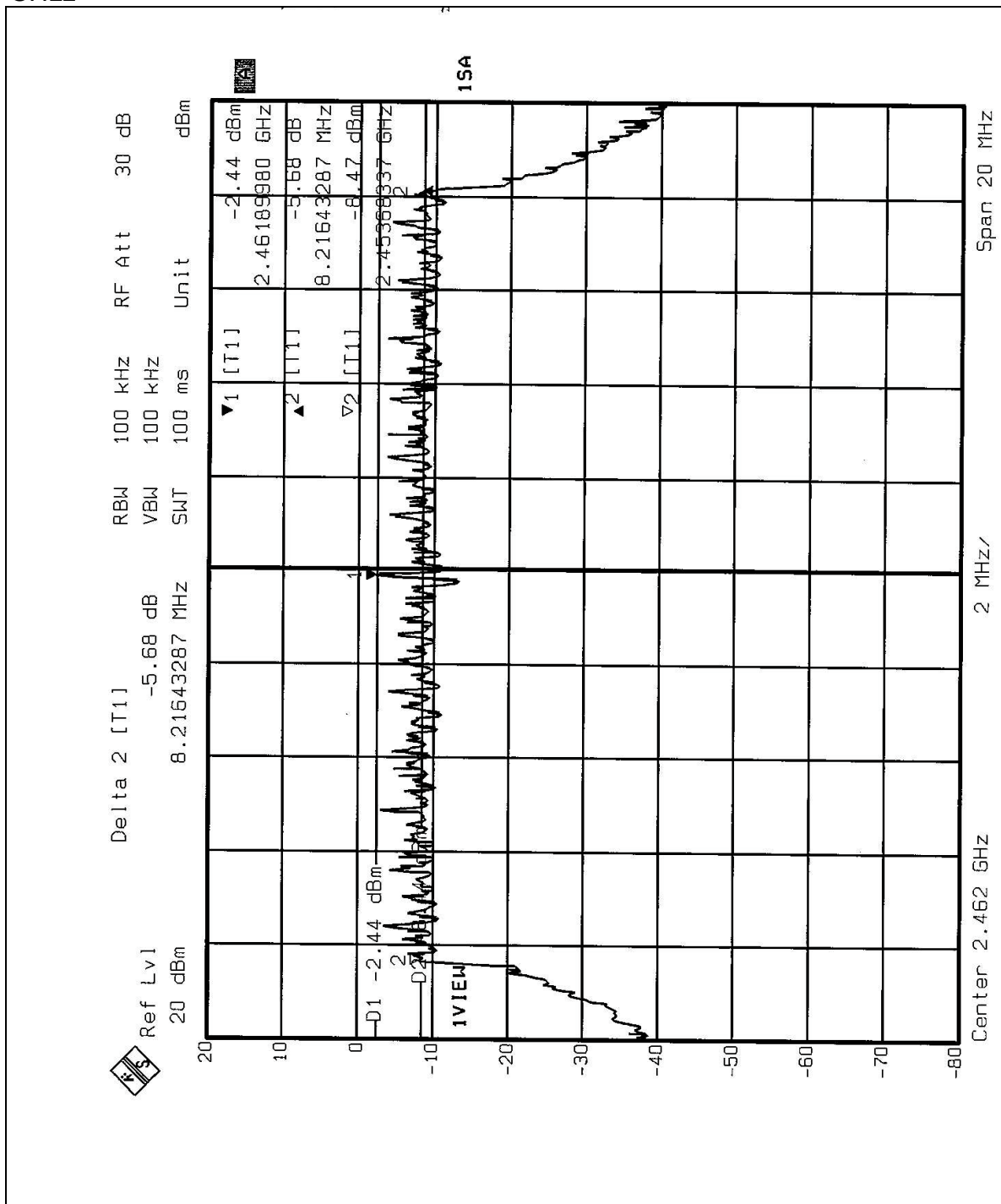
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4.4 MAXIMUM PEAK OUTPUT POWER

4.4.1 LIMITS OF MAXIMUM PEAK OUTPUT POWER MEASUREMENT

The Maximum Peak Output Power Measurement is 30dBm.

4.4.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated On
R&S SPECTRUM ANALYZER	FSEK30	100049	Aug. 12, 2003
R&S SIGNAL GENERATOR	SMP04	100011	May 28, 2003
TEKTRONIX OSCILLOSCOPE	TDS 220	B048470	Mar. 05, 2003
NARDA DETECTOR	4503A	FSCM99899	NA

NOTE: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA..

4.4.3 TEST PROCEDURES

1. A detector was used on the output port of the EUT. An oscilloscope was used to read the response of the detector.
2. Replaced the EUT by the signal generator. The center frequency of the S.G was adjusted to the center frequency of the measured channel.
3. Adjusted the power to have the same reading on oscilloscope. Record the power level.

4.4.4 DEVIATION FROM TEST STANDARD

No deviation

4.4.5 TEST SETUP



4.4.6 EUT OPERATING CONDITIONS

Same as Item 4.3.6

4.4.7 TEST RESULTS (A)

EUT	Wireless PCI Adapter	MODEL	WPCI810G
INPUT POWER (SYSTEM)	120Vac, 60 Hz	ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 1005 hPa
TESTED BY: Bunny Yao			

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	15.30	30	PASS
6	2437	14.59	30	PASS
11	2462	14.24	30	PASS

4.4.8 TEST RESULTS (B)

EUT	Wireless PCI Adapter	MODEL	WPCI810G
INPUT POWER (SYSTEM)	120Vac, 60 Hz	ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 1005 hPa
TESTED BY: Bunny Yao			

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	16.9	30	PASS
6	2437	16.8	30	PASS
11	2462	15.3	30	PASS

4.5 POWER SPECTRAL DENSITY MEASUREMENT

4.5.1 LIMITS OF POWER SPECTRAL DENSITY MEASUREMENT

The Maximum of Power Spectral Density Measurement is 8dBm.

4.5.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated On
SPECTRUM ANALYZER	FSEK30	100049	July 24, 2003

NOTE: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

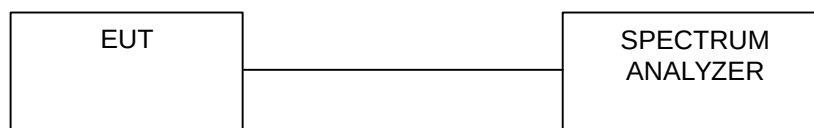
4.5.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer through an attenuator, the bandwidth of the fundamental frequency was measured with the spectrum analyzer using 3 kHz RBW and 30 kHz VBW, set sweep time=span/3kHz. The power spectral density was measured and recorded. The sweep time is allowed to be longer than span/3KHz for a full response of the mixer in the spectrum analyzer.

4.5.4 DEVIATION FROM TEST STANDARD

No deviation

4.5.5 TEST SETUP



4.5.6 EUT OPERATING CONDITIONS

Same as 4.3.6

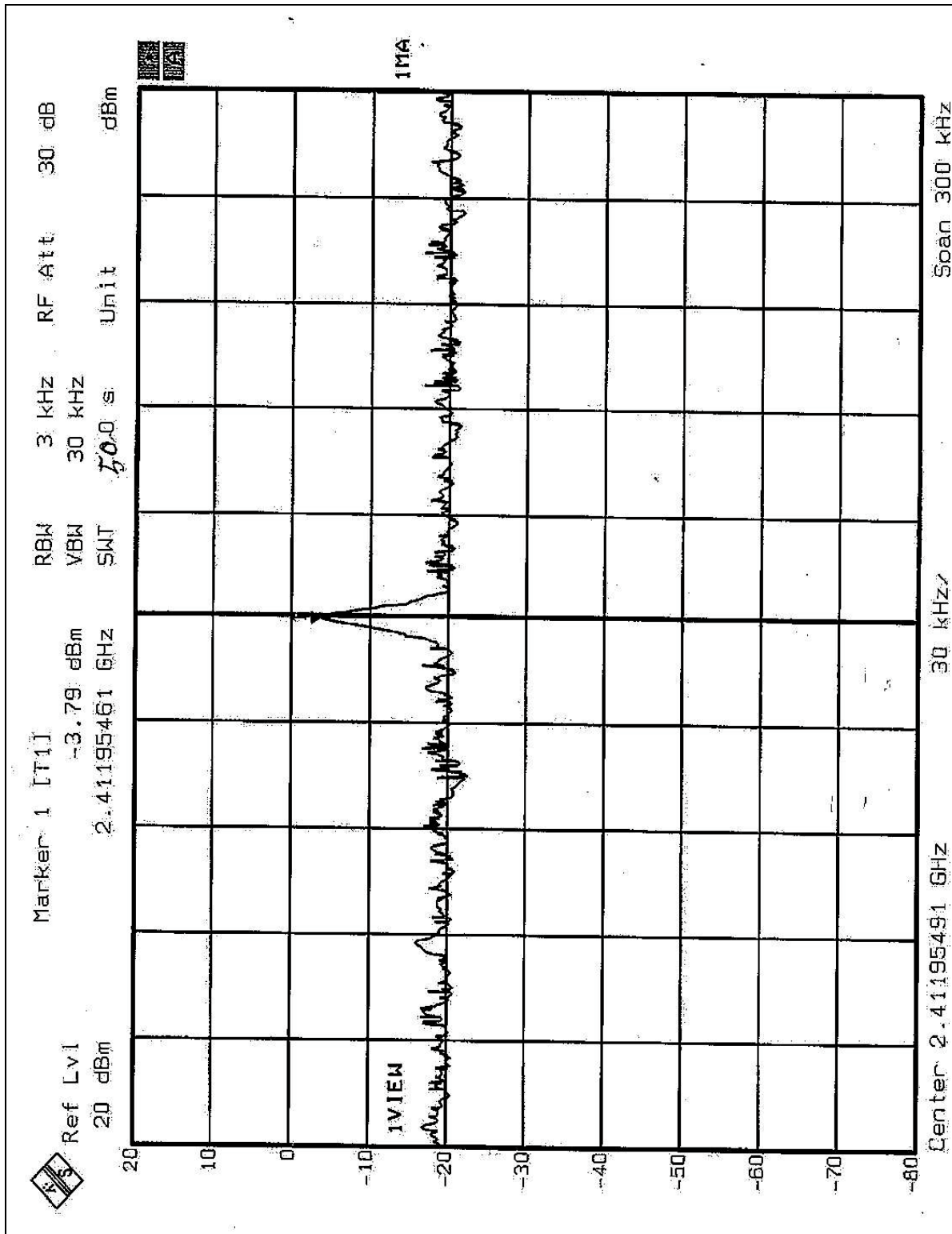


4.5.7 TEST RESULTS (A)

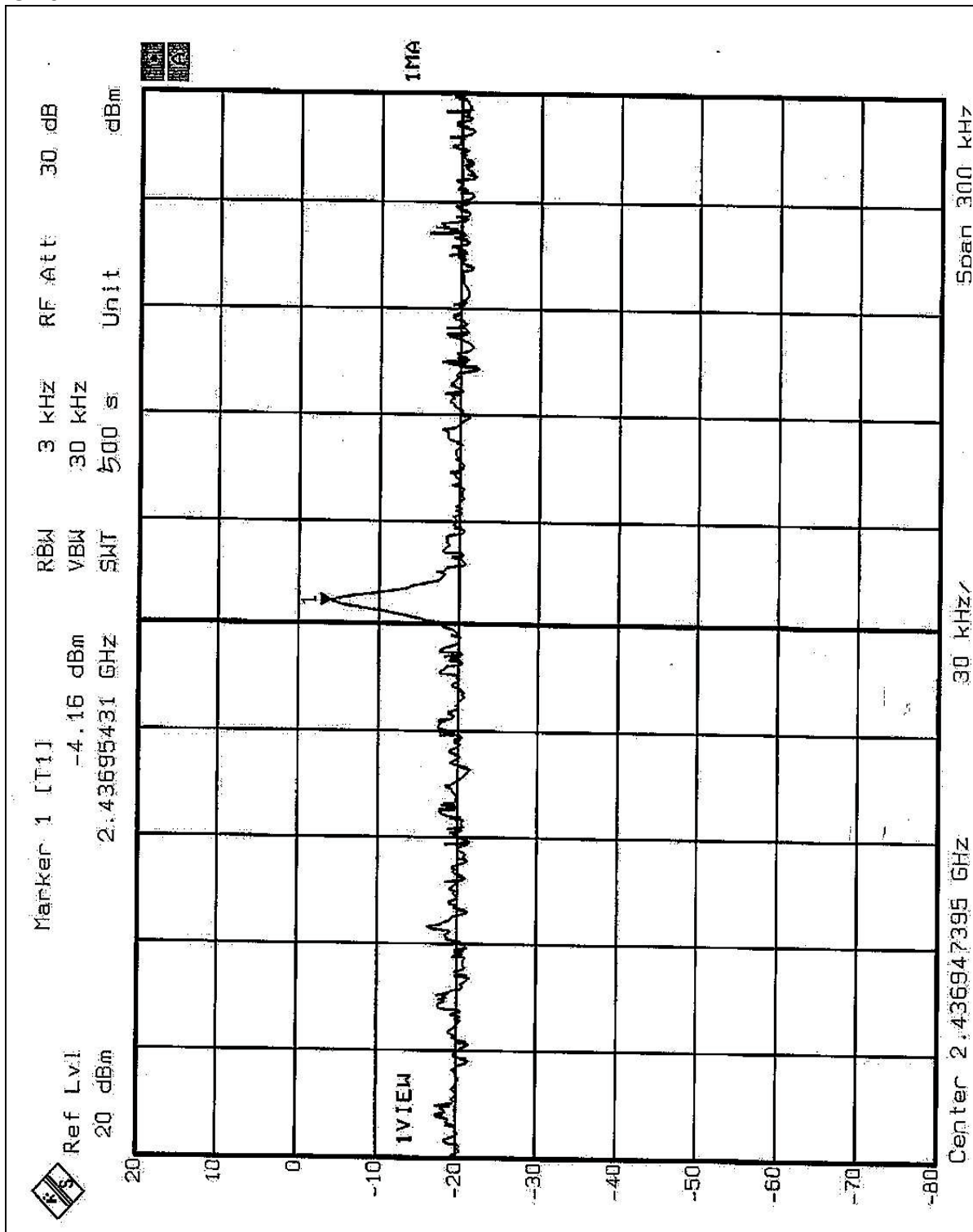
EUT	Wireless PCI Adapter	MODEL	WPCI810G
INPUT POWER (SYSTEM)	120Vac, 60 Hz	ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 1005 hPa
TESTED BY: Bunny Yao			

CHANNEL	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3 KHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS/FAIL
1	2412	-3.79	8	PASS
6	2437	-4.16	8	PASS
11	2462	-3.97	8	PASS

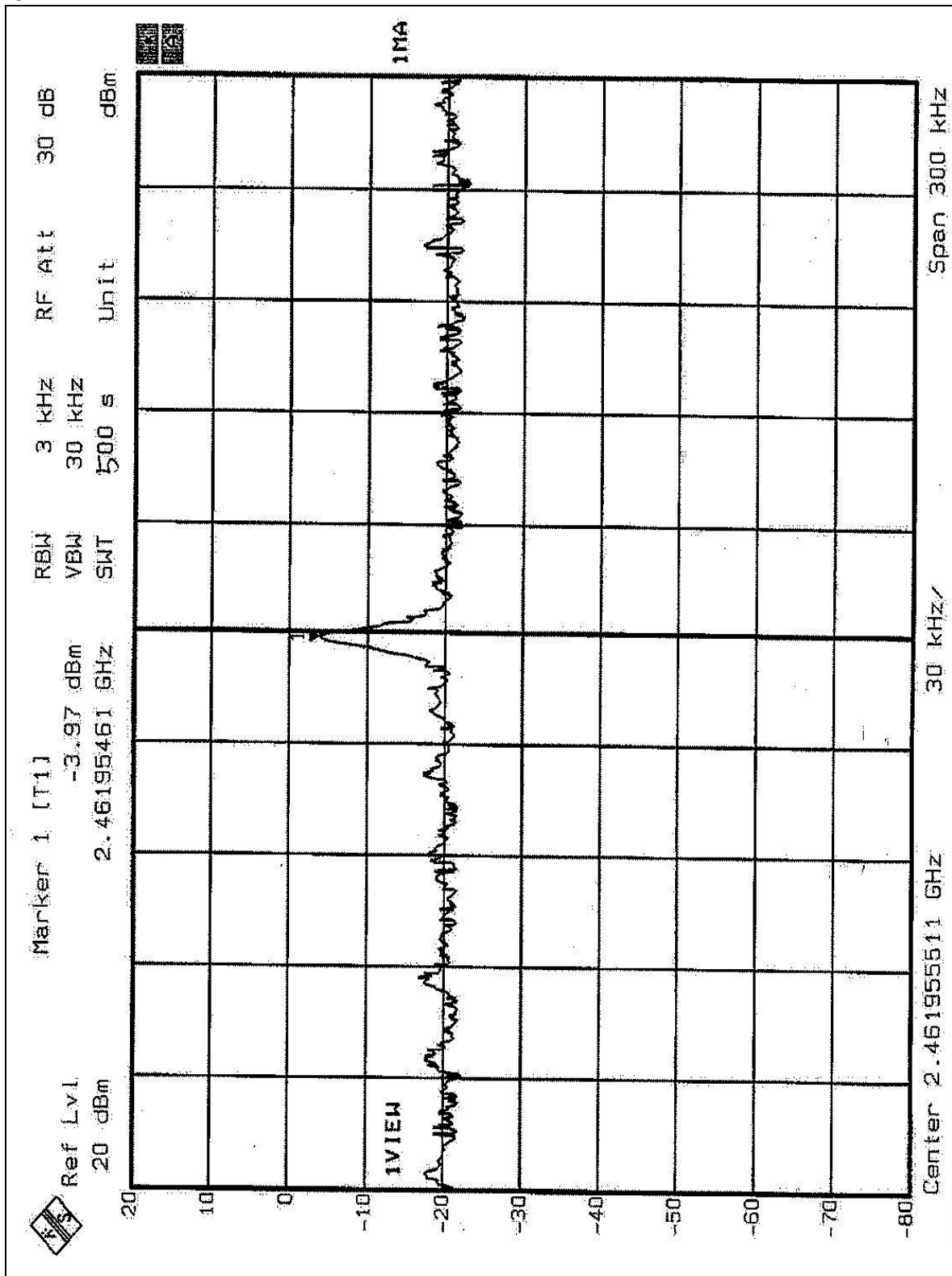
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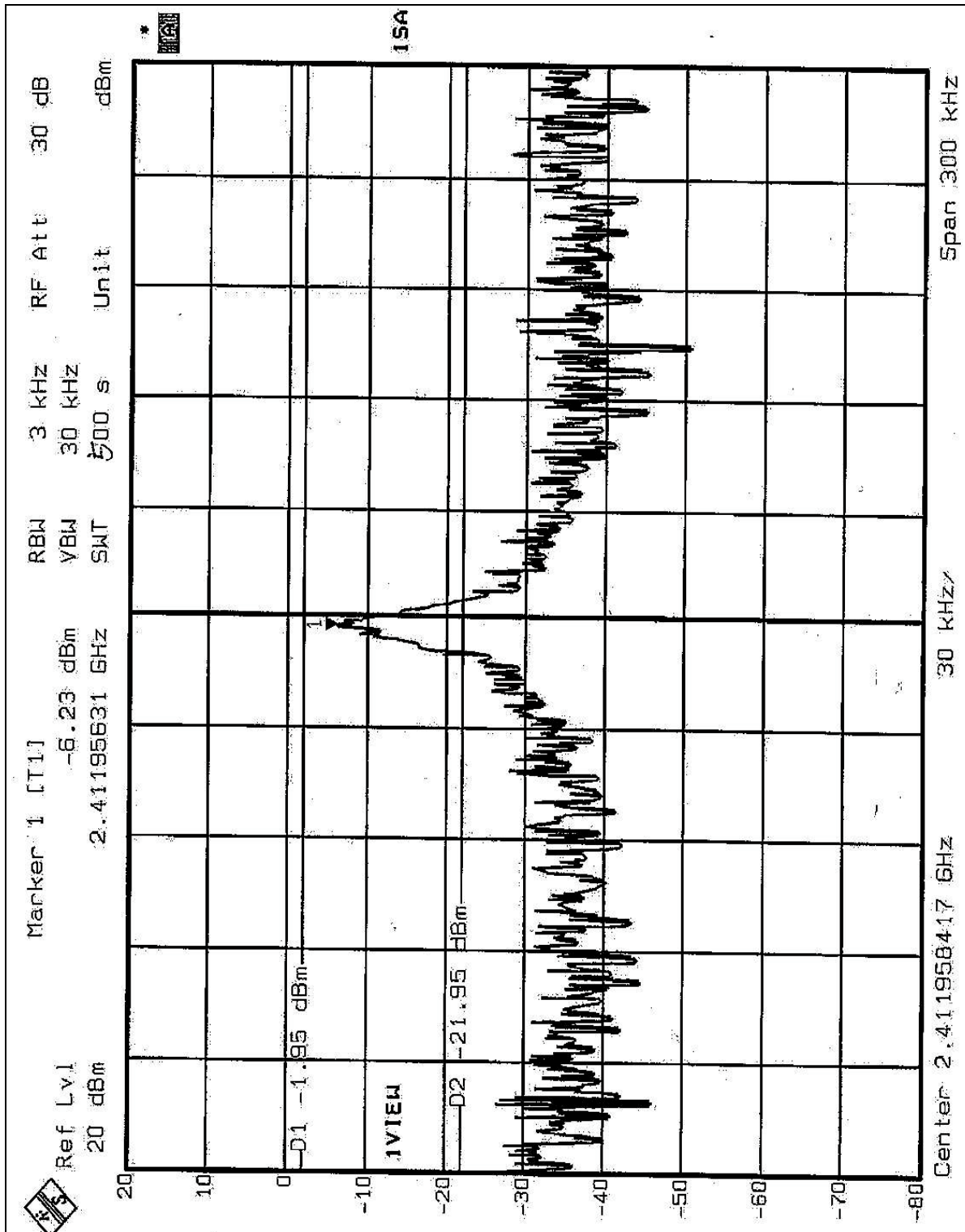


4.5.8 TEST RESULTS (B)

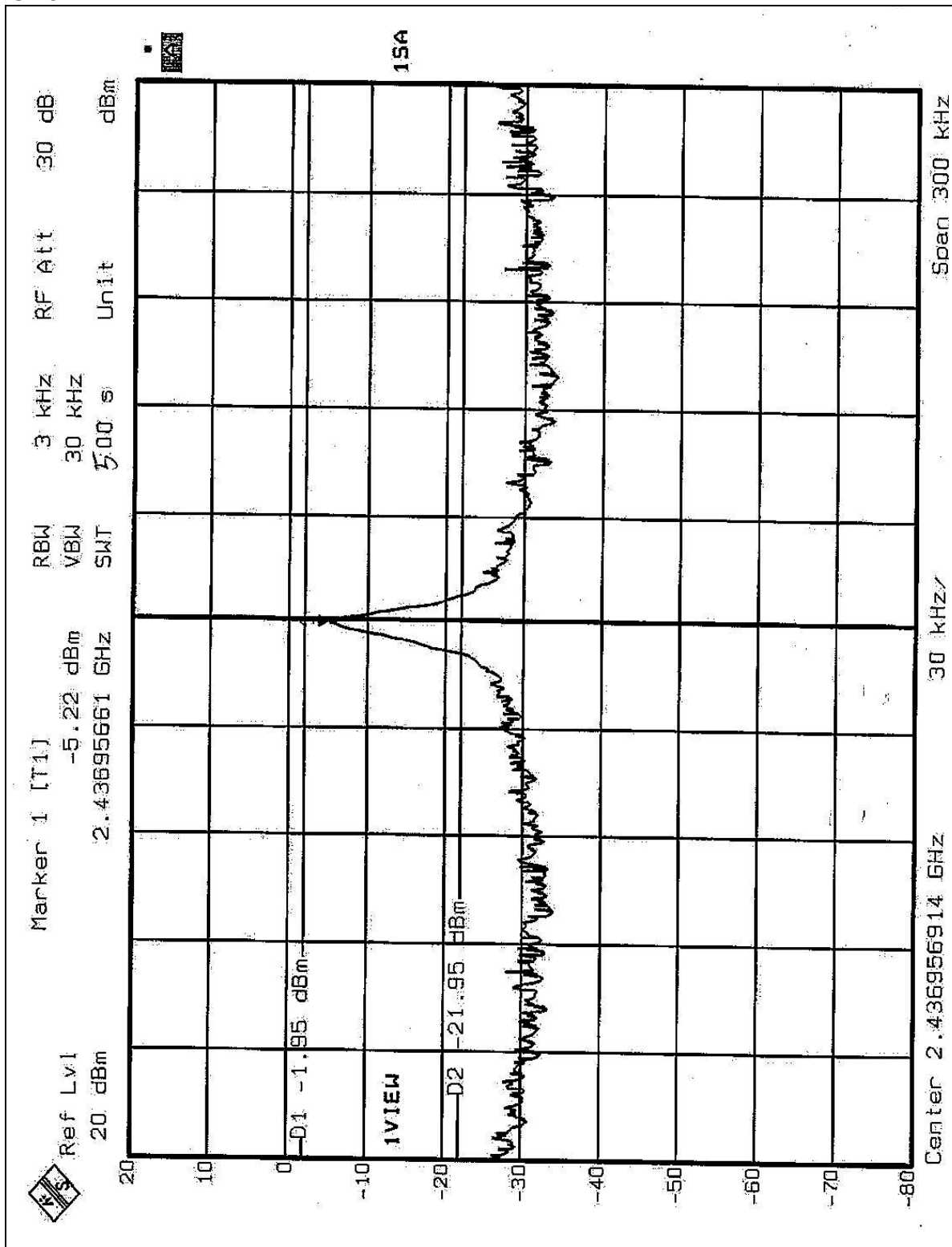
EUT	Wireless PCI Adapter	MODEL	WPCI810G
INPUT POWER (SYSTEM)	120Vac, 60 Hz	ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 1005 hPa
TESTED BY: Bunny Yao			

CHANNEL	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3 KHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS/FAIL
1	2412	-6.23	8	PASS
6	2437	-5.22	8	PASS
11	2462	-5.52	8	PASS

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