FCC TEST REPORT

REPORT NO.: RF910807R01
MODEL NO.: GL5054MP-AA0
RECEIVED: Aug. 7, 2002
TESTED: Aug. 8 ~ Aug. 26, 2002

APPLICANT: GLOBAL SUN TECHNOLOGY, INC.

ADDRESS: No. 13, Tung Yuan Rd., Jung Li Industrial Park, Jung Li City, Tao Yuan Hsien, Taiwan, R.O.C.

ISSUED BY: Advance Data Technology Corporation

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

0528
ILAC MRA

Lab Code: 200102-0

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1 CERTIFICATION

PRODUCT :	Wireless 54Mbps MiniPCI Card
BRAND NAME :	GLOBAL SUN
MODEL NO. :	GL5054MP-AA0
APPLICANT :	GLOBAL SUN TECHNOLOGY, INC.
STANDARDS :	47 CFR Part 15, Subpart E (Section 15.407) and Subpart B, ANSI C63.4-1992

We, **Advance Data Technology Corporation**, hereby certify that one sample of the designation has been tested in our facility from Aug. 8, 2002 to Aug. 26, 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.

CHECKED BY : Rennie Wang , DATE : August 28, 2002

Rennie Wang

APPROVED BY : , DATE : August 28, 2002

Dr. Alan Lane, Manager

2 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: 47 CFR Part 15, Subpart E and Subpart B			
Standard Section	**Test Type**	**Result**	**REMARK**
15.407(b)(5)	AC Power Conducted Emission	PASS	Meet the requirement of limit Minimum passing margin is –14.58dBuV at 0.173MHz
15.407(b)(5)	Electric Field Strength Spurious Emissions, 30 MHz – 40000 MHz (Transmitting)	PASS	Meet the requirement of limit Minimum passing margin is –2. 0dBuV at 10640.0MHz
15.407(a/1/2/3)	Peak Transmit Power	PASS	Meet the requirement of limit
15.407(a)(6)	Peak Power Excursion	PASS	Meet the requirement of limit
15.407(a/1/2/3)	Peak Power Spectral Density	PASS	Meet the requirement of limit
15.407(b1/2/3)	Effective Isotropic Radiated Power Spurious Emissions, 1 GHz – 40 GHz	PASS	Meet the requirement of limit Minimum passing margin is –2.0dBm at 5835.0MHz
15.407(g)	Frequency Stability	PASS	Meet the requirement of limit

3 GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Wireless 54Mbps MiniPCI Card
MODEL NO.	GL5054MP-AA0
POWER SUPPLY	3.3VDC from host equipment
MODULATION TYPE	OFDM
TRANSFER RATE	6 to 54Mbps (Turbo mode: up to 108Mbps *see note 1)
FREQUENCY RANGE	5.15~5.85GHz
BAND WIDTH OF EACH CHANNEL	20MHz (Normal mode) 40MHz (Turbo mode)
NUMBER OF CHANNEL	12
OUTPUT POWER	15.76dBm
ANTENNA TYPE	Dipole Antenna, Inverted F Antenna *see note 2
DATA CABLE	NA
I/O PORTS	NA
ASSOCIATED DEVICES	NA

NOTE:

1. This EUT is capable of providing data rates of up to 108Mbps in Turbo Mode depending upon reception quality.
2. Five types of antenna were provided to this EUT,

NO.	ANTENNA TYPE	CONNECTOR	REMARK
1	Dipole	MMCX or detachable	Gain=2.0dBi
2	Inverted F	MMCX or detachable	Gain=1.5dBi
3	Dipole & Inverted F	MMCX or detachable	Gain=2.0dBi
4	Dipole	MMCX or detachable	Gain=3.0dBi
5	Dipole	MMCX or detachable	Gain=3.5dBi

3. Antenna # 1, 2 and 5 were chosen for final test.
4. For more detailed features description, please refer to the manufacturer's specifications or User's Manual.

3.2 DESCRIPTION OF TEST MODES

Twelve channels are provided to this EUT for Normal Mode.

Channel	Frequency	Channel	Frequency
1	5180 MHz	7	5300 MHz
2	5200 MHz	8	5320 MHz
3	5220 MHz	9	5745 MHz
4	5240 MHz	10	5765 MHz
5	5260 MHz	11	5785 MHz
6	5280 MHz	12	5805 MHz

Five channels are provided to this EUT for Turbo Mode.

Channel	Frequency	Channel	Frequency
1	5210 MHz	4	5760 MHz
2	5250 MHz	5	5800 MHz
3	5290 MHz		

NOTE:

1. The EUT was transmitting at full power on the specified channel with a duty cycle of 99% (maximum allowed). The EUT was tested in both normal mode (channel bandwidth of approximately 30MHz) and turbo mode (channel bandwidth of approximately 60MHz).
2. “Normal Mode” allows data rates of up to 54Mbps. The device was, therefore, tested in Normal mode at the data rate that produced the highest output power for normal mode (6Mbps).
3. “Turbo Mode” allows data rates of up to 108Mbps. At data rates higher than 12Mbps the PA gain is reduced to improve signal fidelity. The device was, therefore, tested in turbo mode at the data rate that produced the highest output power for turbo mode (12Mbps).
4. Channel 1, 4, 5, 8, 9, 12 are the closest frequencies to the band edge, were chosen for final test of Normal Mode.
5. Test result (A) is for antenna 1, test result (B) is for antenna 2 and test result (C) is for antenna 5 which mentioned on page 7, note 2.

3.3 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a Wireless 54Mbps MiniPCI Card. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC CFR 47 Part 15, Subpart E (15.407) and Subpart B.

ANSI C63.4 : 1992

All tests 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	NOTEBOOK	DELL	PP01L	TW-09C748-12800-19O-B220	FCC DoC APPROVED
2	PRINTER	EPSON	LQ-300+	DCGY017096	FCC DoC APPROVED
3	MODEM	ACEEX	1414	980020503	IFAXDM1414

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	NA
2	1.2m braid shielded wire, terminated with DB25 and Centronics connector via metallic frame, w/o core
3	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 0.5-5 5-30	66 to 56 56 60	56 to 46 46 50

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. All emanations from a class 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 UNTIL
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. 25, 2002
* ROHDE & SCHWARZ 4-wire ISN	ENY41	838119/028	Dec. 2, 2002
* ROHDE & SCHWARZ 2-wire ISN	ENY22	837497/018	Dec. 2, 2002
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 measurement uncertainty is less than +/- 2.6dB, which is calculated as per the NAMAS document NIS81.

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

3. "*": These equipment are used for conducted telecom port test only (if tested).

4. 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.

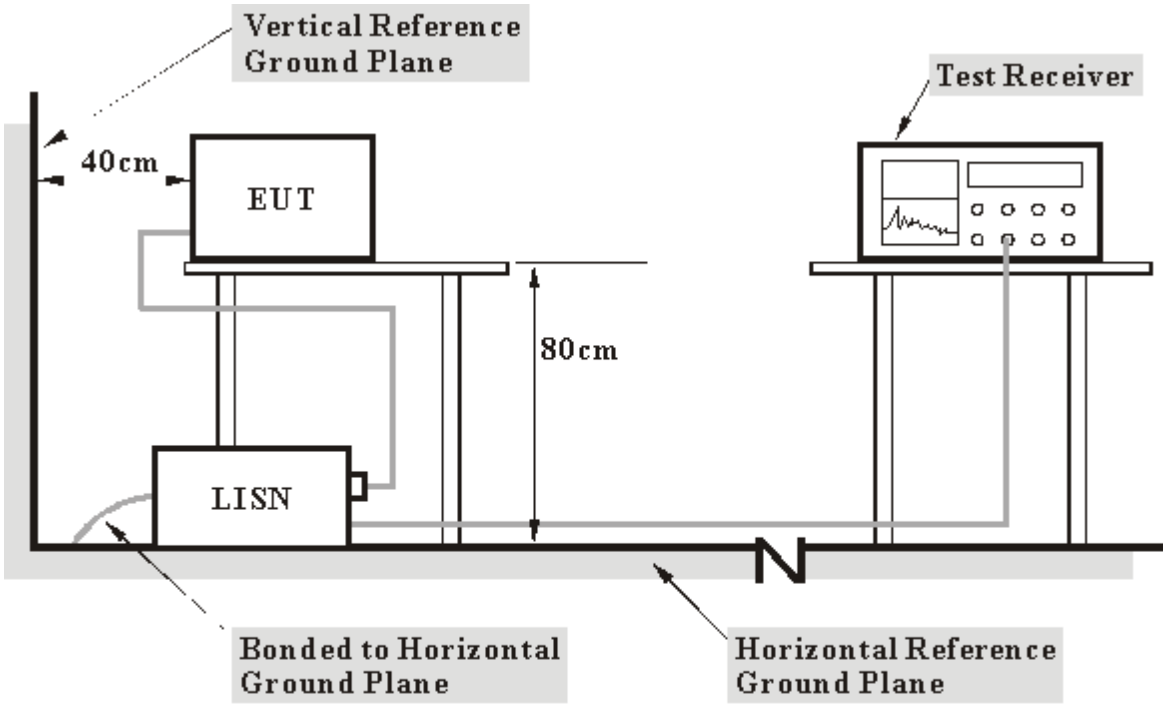
b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

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. Connected the EUT to 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.

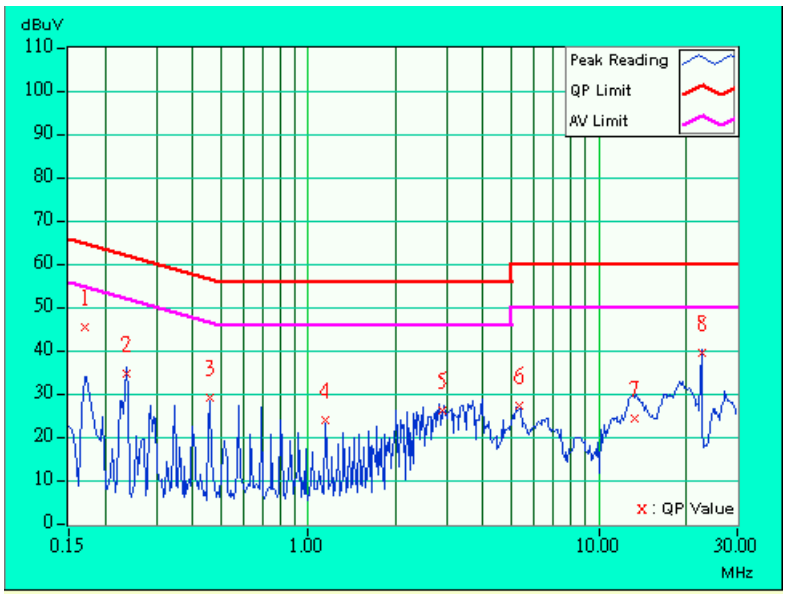
4.1.7 TEST RESULTS (A) (TRANSMITTING)

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Line (L)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.170	0.10	44.60	-	44.70	-	64.98	54.98	-20.28	-
2	0.236	0.10	33.59	-	33.69	-	62.24	52.24	-28.55	-
3	0.459	0.11	28.04	-	28.15	-	56.72	46.72	-28.57	-
4	1.152	0.20	22.99	-	23.19	-	56.00	46.00	-32.81	-
5	2.879	0.29	25.18	-	25.47	-	56.00	46.00	-30.53	-
6	5.301	0.44	26.19	-	26.63	-	60.00	50.00	-33.37	-
7	13.238	0.66	23.23	-	23.89	-	60.00	50.00	-36.11	-
8	22.570	1.10	38.67	-	39.77	-	60.00	50.00	-20.23	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

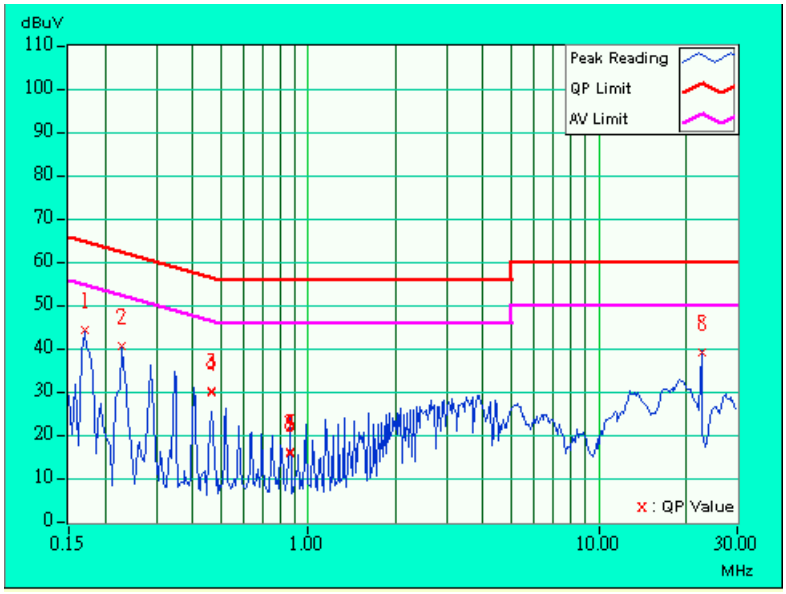


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Neutral (N)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.170	0.10	43.53	-	43.63	-	64.98	54.98	-21.35	-
2	0.228	0.10	39.90	-	40.00	-	62.52	52.52	-22.52	-
3	0.463	0.11	29.54	-	29.65	-	56.64	46.64	-26.99	-
4	0.463	0.11	29.30	-	29.41	-	56.64	46.64	-27.23	-
5	0.861	0.18	15.36	-	15.54	-	56.00	46.00	-40.46	-
6	0.861	0.18	15.22	-	15.40	-	56.00	46.00	-40.60	-
7	0.861	0.18	15.38	-	15.56	-	56.00	46.00	-40.44	-
8	22.570	0.75	38.52	-	39.27	-	60.00	50.00	-20.73	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

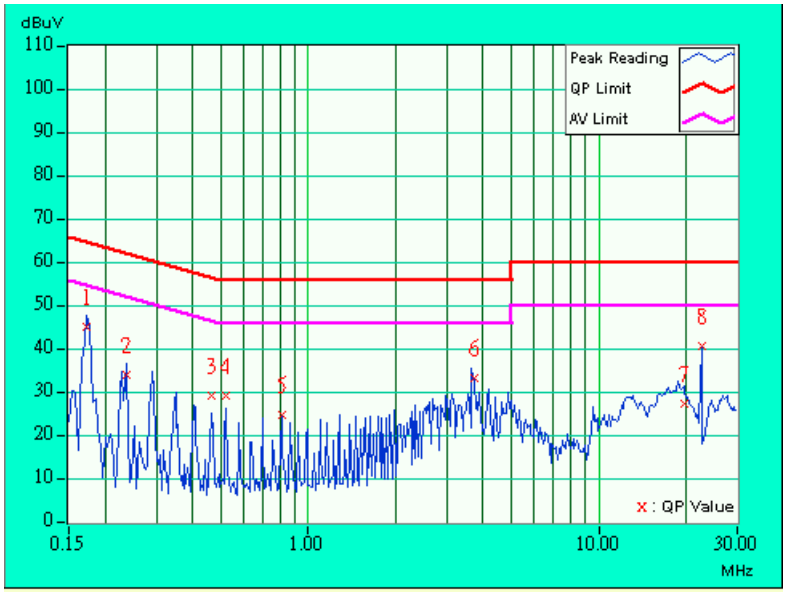


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Line (L)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.173	0.10	44.12	-	44.22	-	64.79	54.79	-20.57	-
2	0.236	0.10	33.11	-	33.21	-	62.24	52.24	-29.03	-
3	0.463	0.11	28.25	-	28.36	-	56.65	46.65	-28.29	-
4	0.521	0.12	28.10	-	28.22	-	56.00	46.00	-27.78	-
5	0.810	0.17	23.74	-	23.91	-	56.00	46.00	-32.09	-
6	3.715	0.37	32.20	-	32.57	-	56.00	46.00	-23.43	-
7	19.629	0.98	26.29	-	27.27	-	60.00	50.00	-32.73	-
8	22.570	1.10	39.63	-	40.73	-	60.00	50.00	-19.27	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

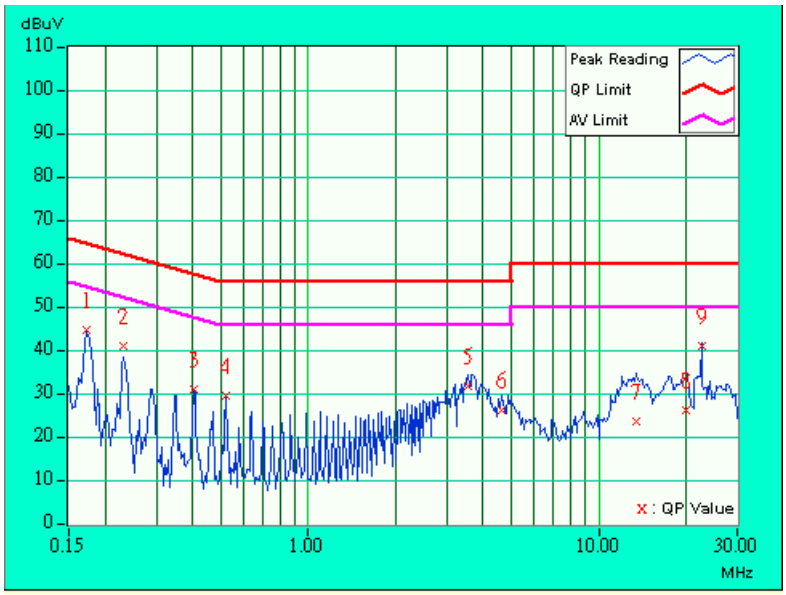


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Neutral (N)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.173	0.10	44.24	-	44.34	-	64.79	54.79	-20.45	-
2	0.232	0.10	40.34	-	40.44	-	62.38	52.38	-21.94	-
3	0.404	0.10	30.46	-	30.56	-	57.77	47.77	-27.21	-
4	0.521	0.12	28.78	-	28.90	-	56.00	46.00	-27.10	-
5	3.535	0.28	31.05	-	31.33	-	56.00	46.00	-24.67	-
6	4.637	0.31	25.56	-	25.87	-	56.00	46.00	-30.13	-
7	13.402	0.47	22.83	-	23.30	-	60.00	50.00	-36.70	-
8	19.898	0.79	25.73	-	26.52	-	60.00	50.00	-33.48	-
9	22.570	0.75	40.46	-	41.21	-	60.00	50.00	-18.79	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.



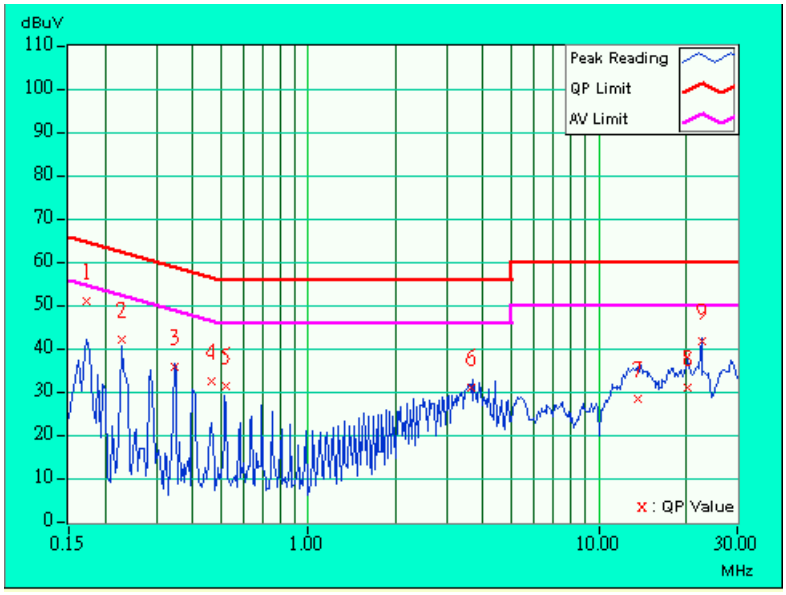
4.1.8 TEST RESULTS (B) (TRANSMITTING)

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Line (L)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.173	0.10	50.11	-	50.21	-	64.79	54.79	-14.58	-
2	0.228	0.10	41.07	-	41.17	-	62.52	52.52	-21.35	-
3	0.345	0.10	34.95	-	35.05	-	59.07	49.07	-24.02	-
4	0.463	0.11	31.54	-	31.65	-	56.65	46.65	-25.00	-
5	0.521	0.12	30.43	-	30.55	-	56.00	46.00	-25.45	-
6	3.645	0.36	30.05	-	30.41	-	56.00	46.00	-25.59	-
7	13.594	0.67	27.42	-	28.09	-	60.00	50.00	-31.91	-
8	20.152	1.01	30.16	-	31.17	-	60.00	50.00	-28.83	-
9	22.570	1.10	40.63	-	41.73	-	60.00	50.00	-18.27	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

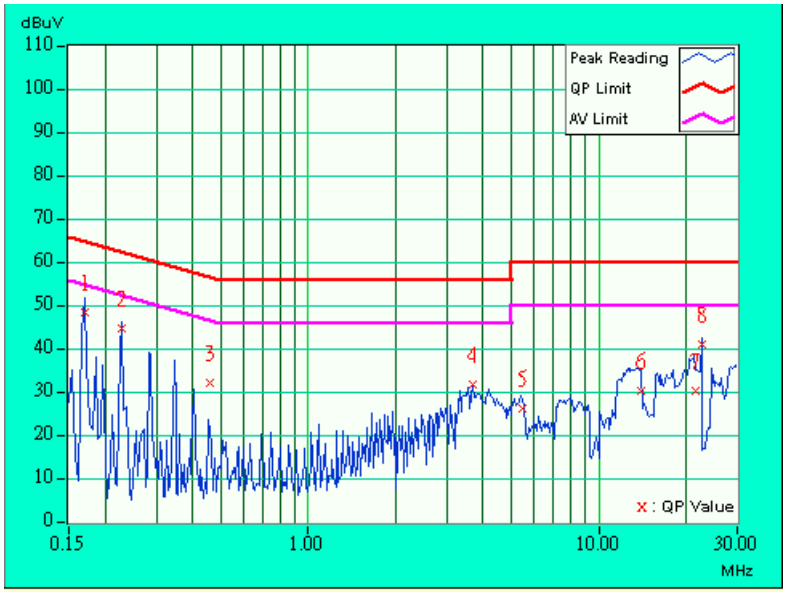


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Neutral (N)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.170	0.10	47.80	-	47.90	-	64.98	54.98	-17.08	-
2	0.229	0.10	43.90	-	44.00	-	62.47	52.47	-18.47	-
3	0.460	0.11	31.54	-	31.65	-	56.70	46.70	-25.05	-
4	3.695	0.28	31.08	-	31.36	-	56.00	46.00	-24.64	-
5	5.434	0.32	25.42	-	25.74	-	60.00	50.00	-34.26	-
6	13.965	0.48	29.44	-	29.92	-	60.00	50.00	-30.08	-
7	21.676	0.77	29.73	-	30.50	-	60.00	50.00	-29.50	-
8	22.570	0.75	40.36	-	41.11	-	60.00	50.00	-18.89	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

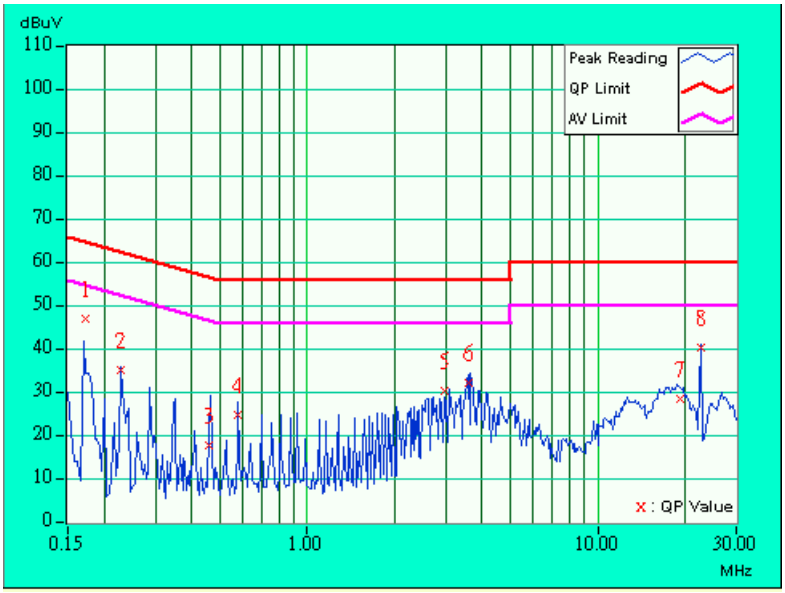


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Line (L)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.173	0.10	46.10	-	46.20	-	64.79	54.79	-18.59	-
2	0.228	0.10	34.01	-	34.11	-	62.52	52.52	-28.41	-
3	0.459	0.11	16.59	-	16.70	-	56.72	46.72	-40.02	-
4	0.580	0.13	23.71	-	23.84	-	56.00	46.00	-32.16	-
5	2.961	0.30	29.20	-	29.50	-	56.00	46.00	-26.50	-
6	3.602	0.36	31.29	-	31.65	-	56.00	46.00	-24.35	-
7	19.273	0.96	27.24	-	28.20	-	60.00	50.00	-31.80	-
8	22.570	1.10	39.39	-	40.49	-	60.00	50.00	-19.51	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

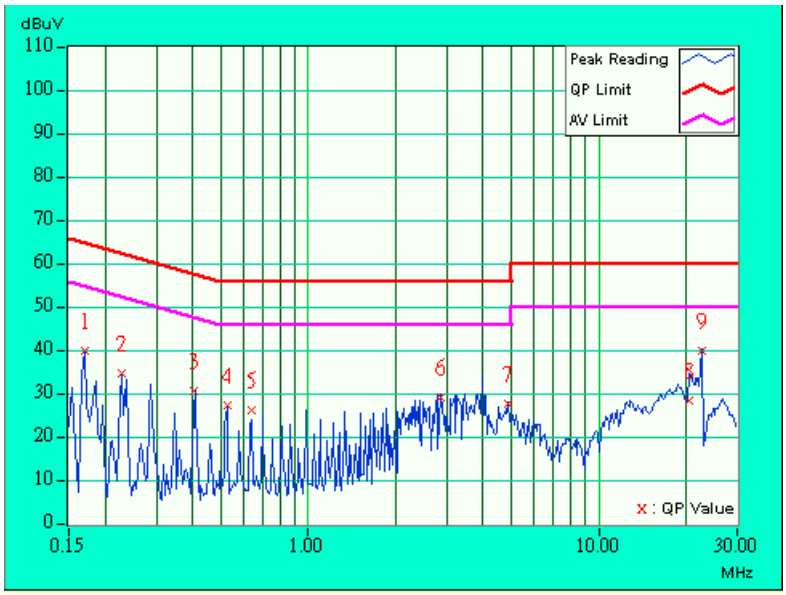


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Neutral (N)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.170	0.10	39.09	-	39.19	-	64.98	54.98	-25.79	-
2	0.228	0.10	34.15	-	34.25	-	62.52	52.52	-28.27	-
3	0.404	0.10	29.93	-	30.03	-	57.77	47.77	-27.74	-
4	0.525	0.12	26.58	-	26.70	-	56.00	46.00	-29.30	-
5	0.638	0.14	25.44	-	25.58	-	56.00	46.00	-30.42	-
6	2.844	0.24	28.53	-	28.77	-	56.00	46.00	-27.23	-
7	4.875	0.31	27.05	-	27.36	-	56.00	46.00	-28.64	-
8	20.516	0.79	27.80	-	28.59	-	60.00	50.00	-31.41	-
9	22.570	0.75	39.43	-	40.18	-	60.00	50.00	-19.82	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.



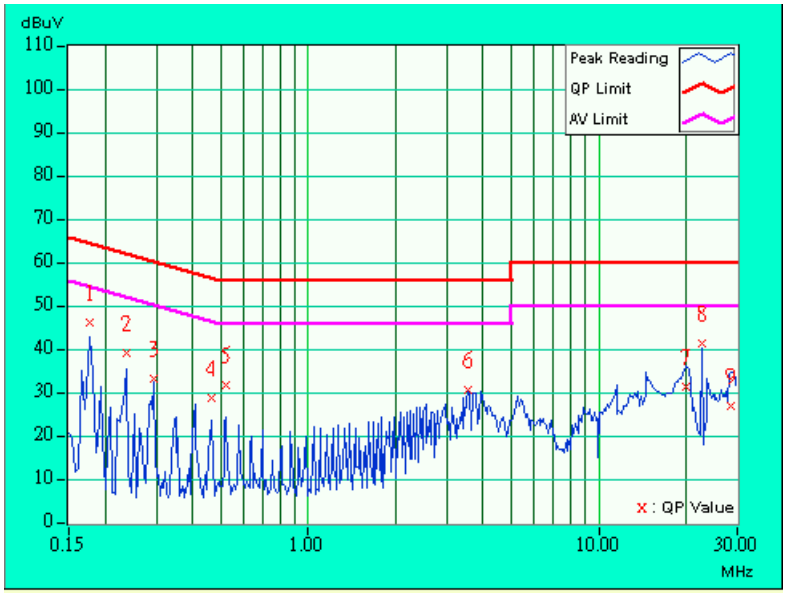
4.1.9 TEST RESULTS (C) (TRANSMITTING)

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Line (L)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.177	0.10	44.86	-	44.96	-	64.61	54.61	-19.65	-
2	0.236	0.10	38.16	-	38.26	-	62.24	52.24	-23.98	-
3	0.295	0.10	32.02	-	32.12	-	60.40	50.40	-28.28	-
4	0.463	0.11	27.72	-	27.83	-	56.65	46.65	-28.82	-
5	0.521	0.12	30.44	-	30.56	-	56.00	46.00	-25.44	-
6	3.535	0.35	29.44	-	29.79	-	56.00	46.00	-26.21	-
7	19.887	0.99	30.34	-	31.33	-	60.00	50.00	-28.67	-
8	22.570	1.10	40.06	-	41.16	-	60.00	50.00	-18.84	-
9	28.582	1.27	25.62	-	26.89	-	60.00	50.00	-33.11	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

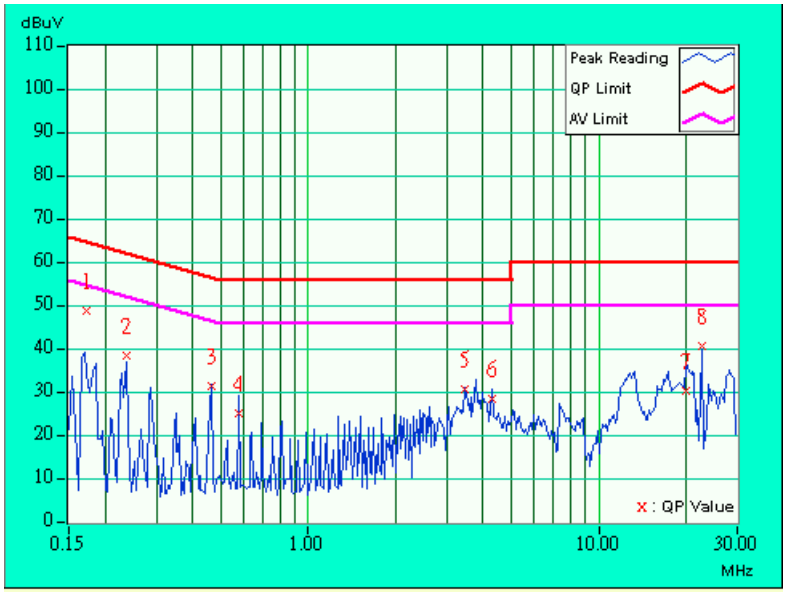


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Neutral (N)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.172	0.10	48.31	-	48.41	-	64.86	54.86	-16.45	-
2	0.236	0.10	37.92	-	38.02	-	62.24	52.24	-24.22	-
3	0.463	0.11	30.79	-	30.90	-	56.65	46.65	-25.75	-
4	0.576	0.13	24.60	-	24.73	-	56.00	46.00	-31.27	-
5	3.477	0.27	29.91	-	30.18	-	56.00	46.00	-25.82	-
6	4.289	0.30	27.72	-	28.02	-	56.00	46.00	-27.98	-
7	20.090	0.80	29.54	-	30.34	-	60.00	50.00	-29.66	-
8	22.570	0.75	40.02	-	40.77	-	60.00	50.00	-19.23	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

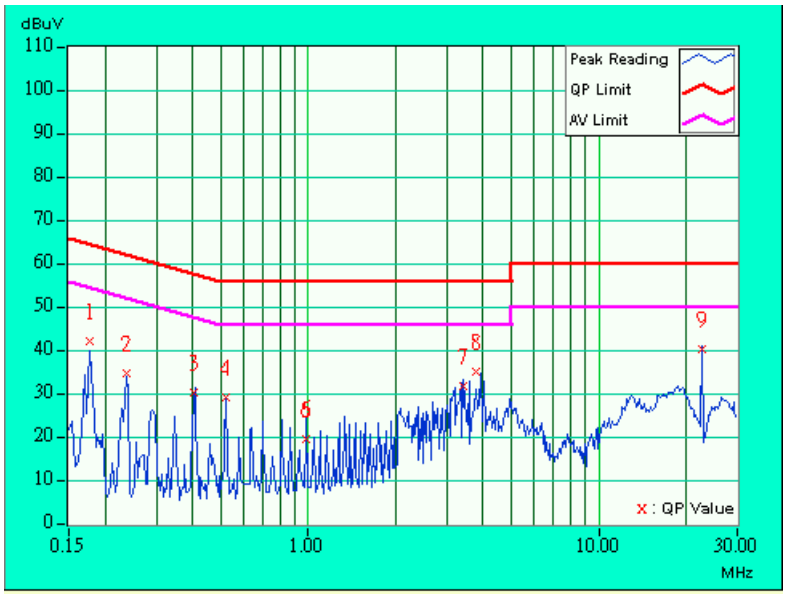


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Line (L)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.177	0.10	41.12	-	41.22	-	64.61	54.61	-23.39	-
2	0.236	0.10	33.66	-	33.76	-	62.24	52.24	-28.48	-
3	0.404	0.10	29.43	-	29.53	-	57.77	47.77	-28.24	-
4	0.521	0.12	28.19	-	28.31	-	56.00	46.00	-27.69	-
5	0.982	0.20	18.65	-	18.85	-	56.00	46.00	-37.15	-
6	0.982	0.20	18.40	-	18.60	-	56.00	46.00	-37.40	-
7	3.426	0.34	30.88	-	31.22	-	56.00	46.00	-24.78	-
8	3.773	0.38	34.07	-	34.45	-	56.00	46.00	-21.55	-
9	22.570	1.10	39.41	-	40.51	-	60.00	50.00	-19.49	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

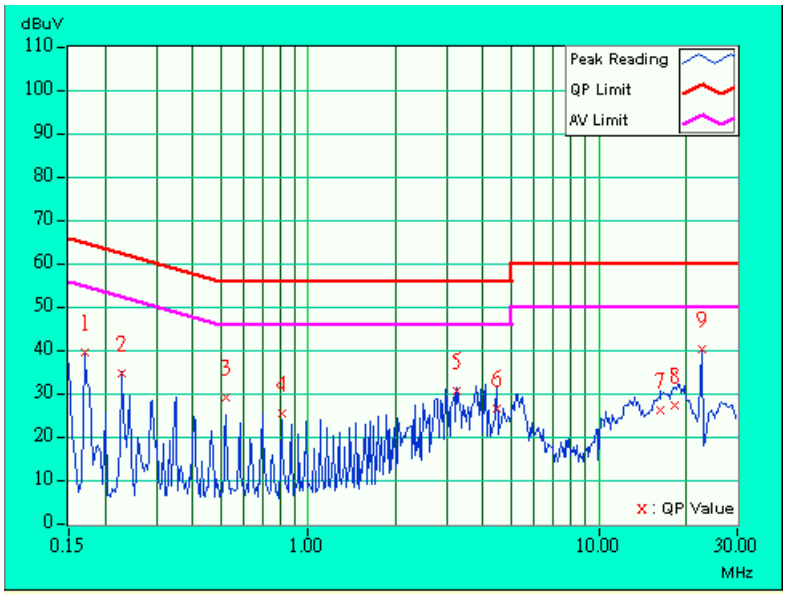


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Neutral (N)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.170	0.10	38.81	-	38.91	-	64.98	54.98	-26.07	-
2	0.228	0.10	33.93	-	34.03	-	62.52	52.52	-28.49	-
3	0.521	0.12	28.38	-	28.50	-	56.00	46.00	-27.50	-
4	0.814	0.17	24.86	-	25.03	-	56.00	46.00	-30.97	-
5	3.250	0.26	29.84	-	30.10	-	56.00	46.00	-25.90	-
6	4.473	0.31	25.79	-	26.10	-	56.00	46.00	-29.90	-
7	16.293	0.58	25.59	-	26.17	-	60.00	50.00	-33.83	-
8	18.301	0.70	26.80	-	27.50	-	60.00	50.00	-32.50	-
9	22.570	0.75	39.47	-	40.22	-	60.00	50.00	-19.78	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.



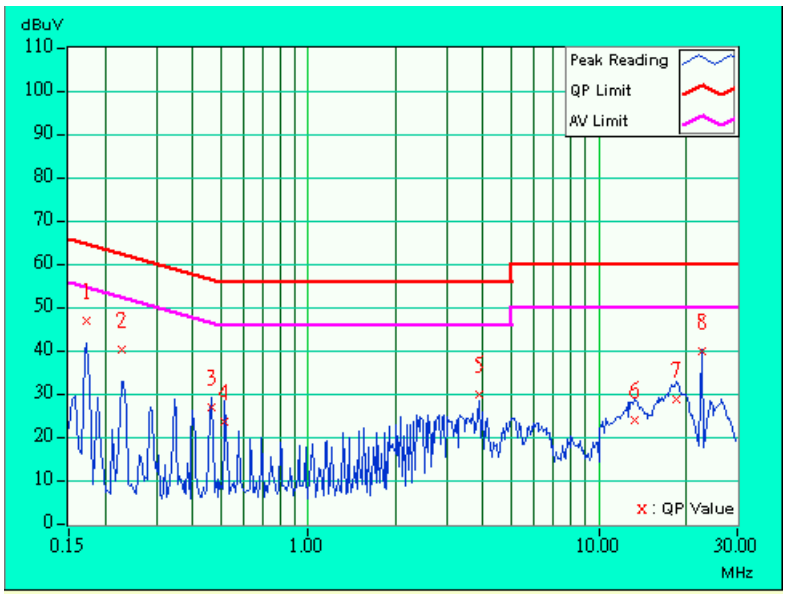
4.1.10 TEST RESULTS (A) (RECEIVING)

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Line (L)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.173	0.10	46.00	-	46.10	-	64.79	54.79	-18.69	-
2	0.228	0.10	39.19	-	39.29	-	62.52	52.52	-23.23	-
3	0.463	0.11	25.82	-	25.93	-	56.65	46.65	-30.72	-
4	0.513	0.12	22.50	-	22.62	-	56.00	46.00	-33.38	-
5	3.863	0.39	28.97	-	29.36	-	56.00	46.00	-26.64	-
6	13.266	0.67	22.93	-	23.60	-	60.00	50.00	-36.40	-
7	18.457	0.91	27.87	-	28.78	-	60.00	50.00	-31.22	-
8	22.570	1.10	38.95	-	40.05	-	60.00	50.00	-19.95	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

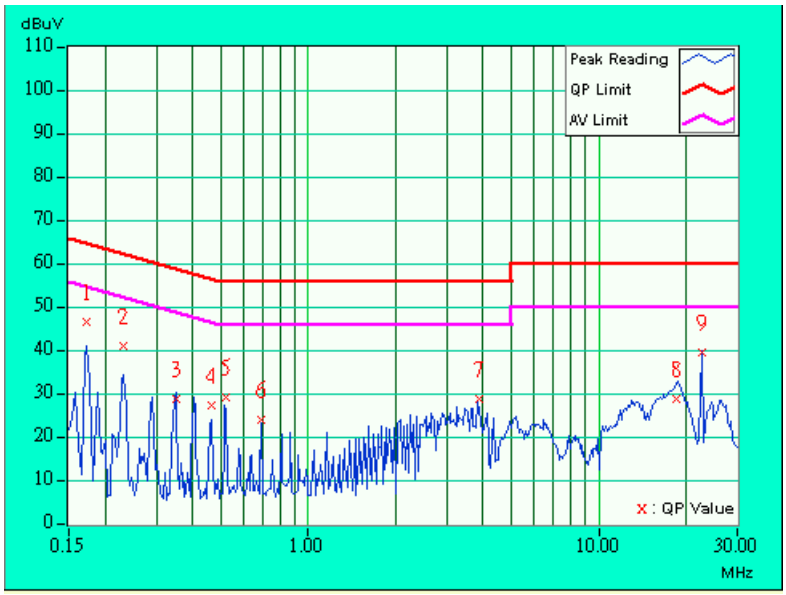


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Neutral (N)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.173	0.10	45.98	-	46.08	-	64.79	54.79	-18.71	-
2	0.232	0.10	40.30	-	40.40	-	62.38	52.38	-21.98	-
3	0.349	0.10	28.20	-	28.30	-	58.98	48.98	-30.68	-
4	0.463	0.11	26.83	-	26.94	-	56.65	46.65	-29.71	-
5	0.521	0.12	28.34	-	28.46	-	56.00	46.00	-27.54	-
6	0.693	0.15	23.35	-	23.50	-	56.00	46.00	-32.50	-
7	3.864	0.29	28.31	-	28.60	-	56.00	46.00	-27.40	-
8	18.457	0.71	28.17	-	28.88	-	60.00	50.00	-31.12	-
9	22.570	0.75	39.05	-	39.80	-	60.00	50.00	-20.20	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

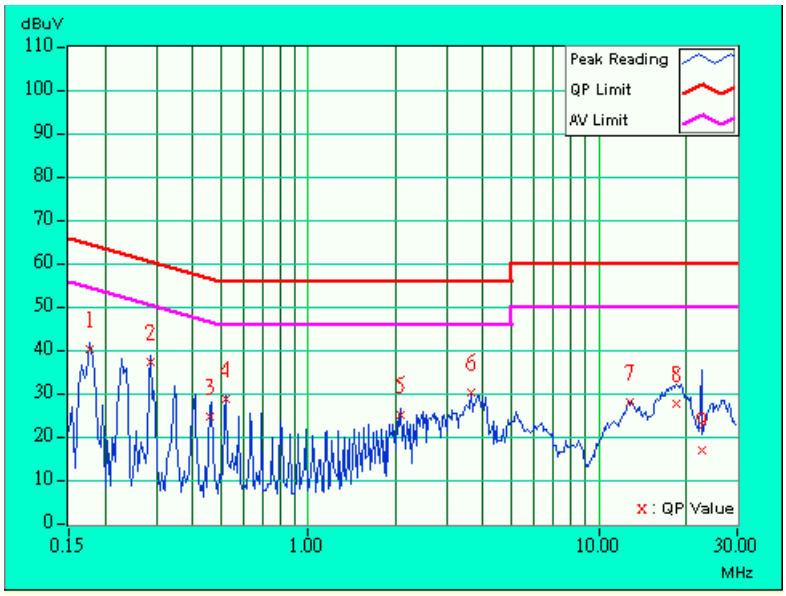


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Line (L)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.177	0.10	39.22	-	39.32	-	64.61	54.61	-25.29	-
2	0.287	0.10	36.13	-	36.23	-	60.62	50.62	-24.39	-
3	0.459	0.11	23.76	-	23.87	-	56.72	46.72	-32.85	-
4	0.521	0.12	27.82	-	27.94	-	56.00	46.00	-28.06	-
5	2.078	0.21	24.04	-	24.25	-	56.00	46.00	-31.75	-
6	3.637	0.36	29.09	-	29.45	-	56.00	46.00	-26.55	-
7	12.758	0.66	27.16	-	27.82	-	60.00	50.00	-32.18	-
8	18.566	0.91	26.86	-	27.77	-	60.00	50.00	-32.23	-
9	22.570	1.10	16.07	-	17.17	-	60.00	50.00	-42.83	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

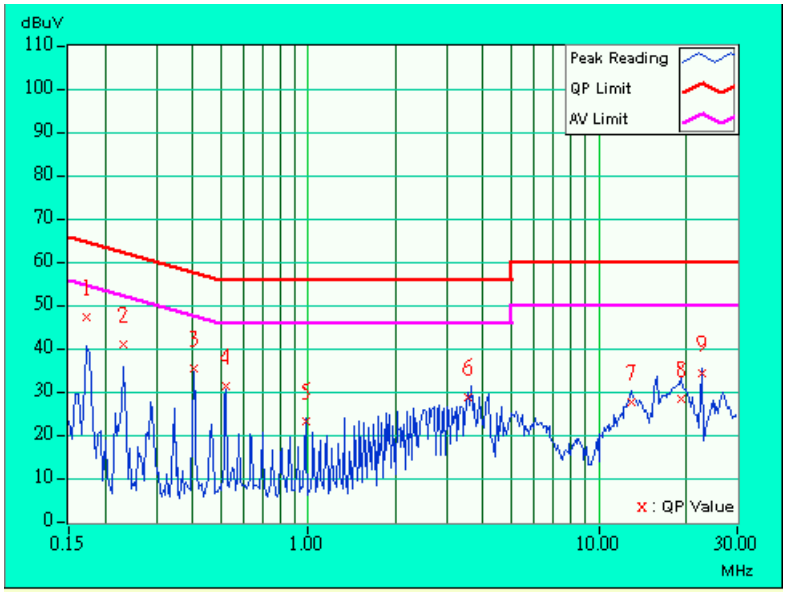


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Neutral (N)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.173	0.10	46.70	-	46.80	-	64.79	54.79	-17.99	-
2	0.232	0.10	40.32	-	40.42	-	62.38	52.38	-21.96	-
3	0.404	0.10	34.67	-	34.77	-	57.77	47.77	-23.00	-
4	0.521	0.12	30.74	-	30.86	-	56.00	46.00	-25.14	-
5	0.982	0.20	22.69	-	22.89	-	56.00	46.00	-33.11	-
6	3.527	0.28	28.09	-	28.37	-	56.00	46.00	-27.63	-
7	12.949	0.46	27.15	-	27.61	-	60.00	50.00	-32.39	-
8	19.234	0.75	27.95	-	28.70	-	60.00	50.00	-31.30	-
9	22.570	0.75	33.71	-	34.46	-	60.00	50.00	-25.54	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.



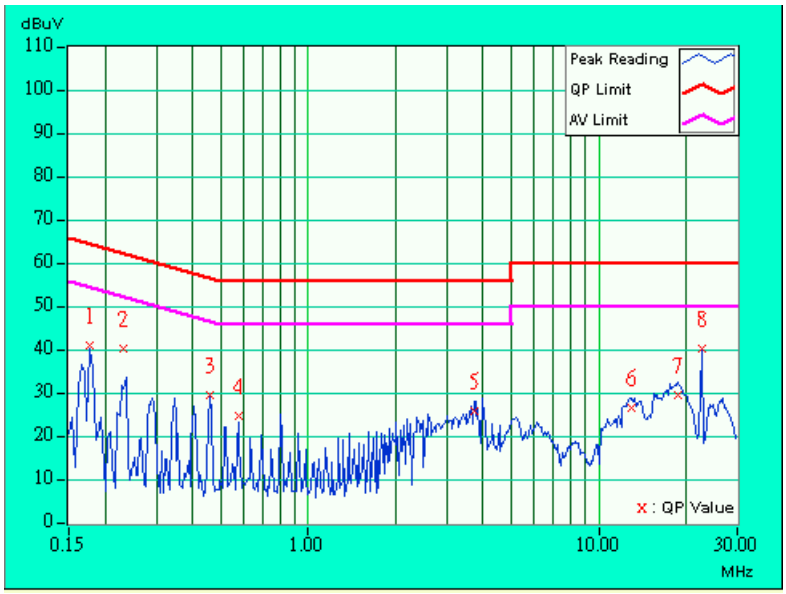
4.1.11 TEST RESULTS (B) (RECEIVING)

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Line (L)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.177	0.10	40.10	-	40.20	-	64.61	54.61	-24.41	-
2	0.232	0.10	39.43	-	39.53	-	62.36	52.36	-22.83	-
3	0.459	0.11	28.50	-	28.61	-	56.72	46.72	-28.11	-
4	0.576	0.13	23.67	-	23.80	-	56.00	46.00	-32.20	-
5	3.746	0.37	24.88	-	25.25	-	56.00	46.00	-30.75	-
6	13.012	0.66	25.72	-	26.38	-	60.00	50.00	-33.62	-
7	18.715	0.92	28.69	-	29.61	-	60.00	50.00	-30.39	-
8	22.570	1.10	39.17	-	40.27	-	60.00	50.00	-19.73	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

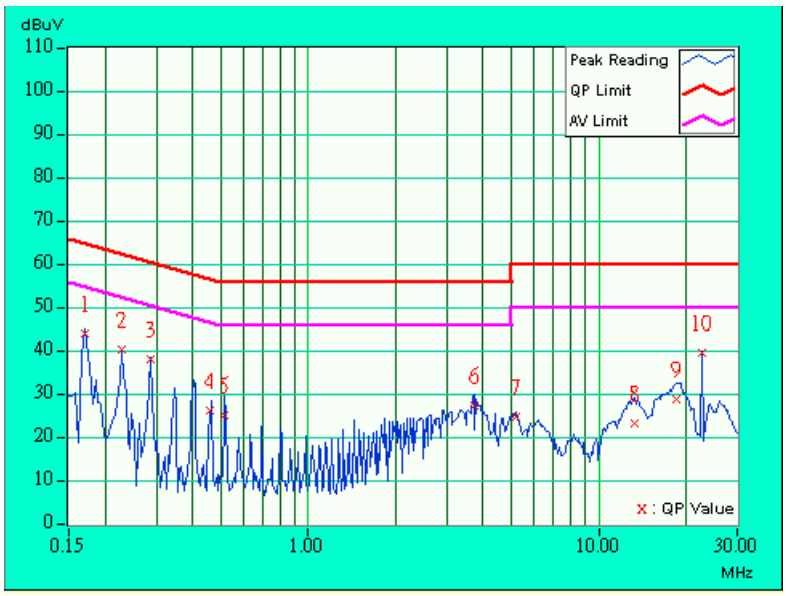


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Neutral (N)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.170	0.10	43.49	-	43.59	-	64.98	54.98	-21.39	-
2	0.228	0.10	39.65	-	39.75	-	62.52	52.52	-22.77	-
3	0.287	0.10	37.54	-	37.64	-	60.62	50.62	-22.98	-
4	0.459	0.11	25.47	-	25.58	-	56.72	46.72	-31.14	-
5	0.513	0.12	24.42	-	24.54	-	56.00	46.00	-31.46	-
6	3.746	0.29	26.73	-	27.02	-	56.00	46.00	-28.98	-
7	5.184	0.32	24.12	-	24.44	-	60.00	50.00	-35.56	-
8	13.371	0.47	22.44	-	22.91	-	60.00	50.00	-37.09	-
9	18.555	0.71	28.32	-	29.03	-	60.00	50.00	-30.97	-
10	22.570	0.75	38.85	-	39.60	-	60.00	50.00	-20.40	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

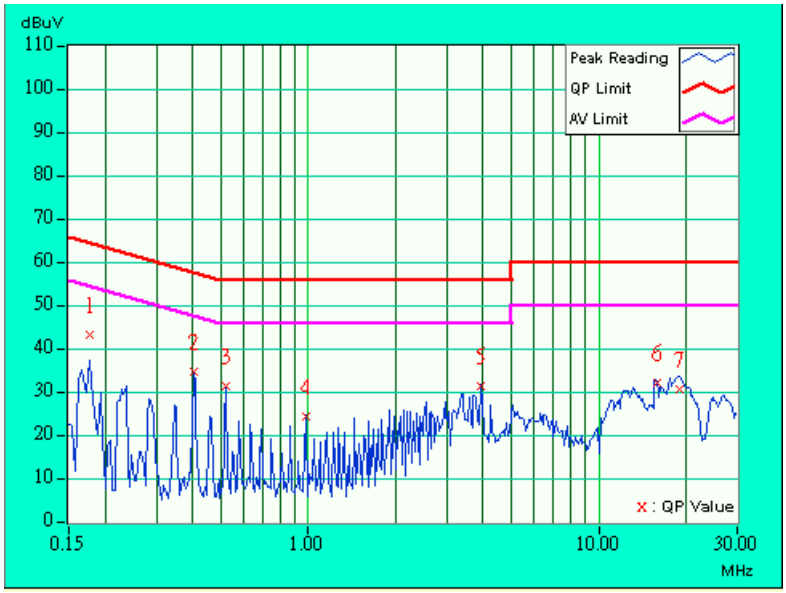


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Line (L)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.177	0.10	42.53	-	42.63	-	64.61	54.61	-21.98	-
2	0.404	0.10	33.82	-	33.92	-	57.77	47.77	-23.85	-
3	0.521	0.12	30.46	-	30.58	-	56.00	46.00	-25.42	-
4	0.982	0.20	23.42	-	23.62	-	56.00	46.00	-32.38	-
5	3.935	0.39	30.60	-	30.99	-	56.00	46.00	-25.01	-
6	15.879	0.75	31.11	-	31.86	-	60.00	50.00	-28.14	-
7	19.102	0.95	29.79	-	30.74	-	60.00	50.00	-29.26	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

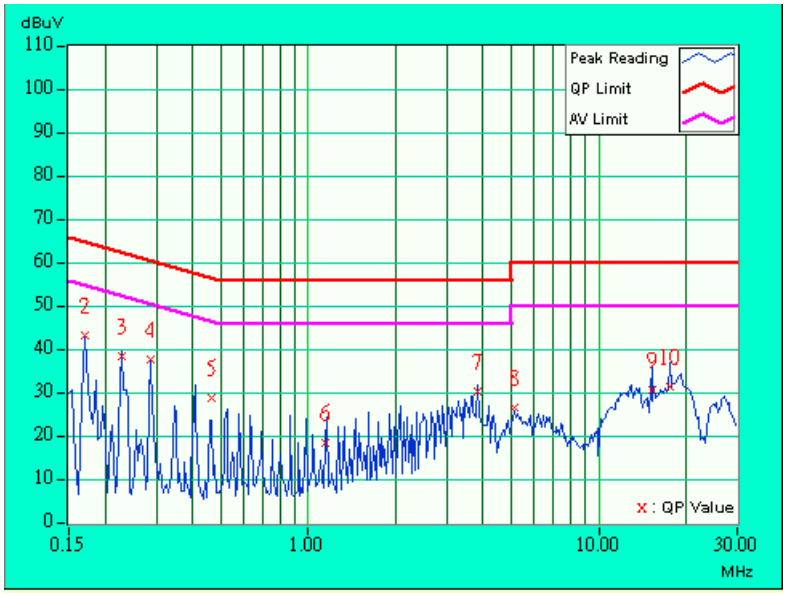


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Neutral (N)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.100	0.10	33.84	43.14	33.94	43.24	NA	NA	NA	NA
2	0.170	0.10	42.65	-	42.75	-	64.98	54.98	-22.23	-
3	0.228	0.10	37.82	-	37.92	-	62.52	52.52	-24.60	-
4	0.287	0.10	37.25	-	37.35	-	60.62	50.62	-23.27	-
5	0.463	0.11	28.13	-	28.24	-	56.65	46.65	-28.41	-
6	1.152	0.20	18.02	-	18.22	-	56.00	46.00	-37.78	-
7	3.820	0.29	29.59	-	29.88	-	56.00	46.00	-26.12	-
8	5.148	0.32	25.88	-	26.20	-	60.00	50.00	-33.80	-
9	15.258	0.52	30.12	-	30.64	-	60.00	50.00	-29.36	-
10	17.566	0.65	30.91	-	31.56	-	60.00	50.00	-28.44	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.



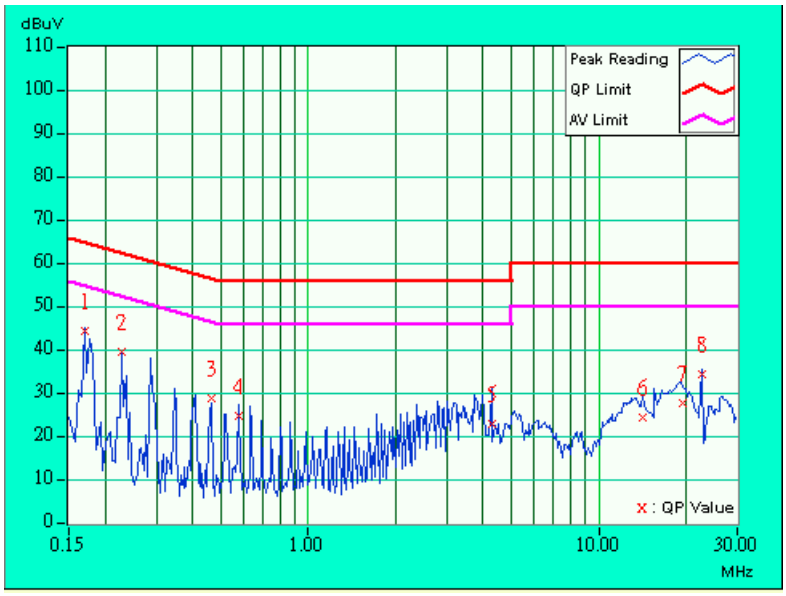
4.1.12 TEST RESULTS (C) (RECEIVING)

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Line (L)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.170	0.10	43.23	-	43.33	-	64.98	54.98	-21.65	-
2	0.228	0.10	38.50	-	38.60	-	62.52	52.52	-23.92	-
3	0.463	0.11	27.76	-	27.87	-	56.65	46.65	-28.78	-
4	0.576	0.13	23.71	-	23.84	-	56.00	46.00	-32.16	-
5	4.273	0.41	21.90	-	22.31	-	56.00	46.00	-33.69	-
6	14.211	0.68	23.19	-	23.87	-	60.00	50.00	-36.13	-
7	19.461	0.97	26.85	-	27.82	-	60.00	50.00	-32.18	-
8	22.570	1.10	33.49	-	34.59	-	60.00	50.00	-25.41	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

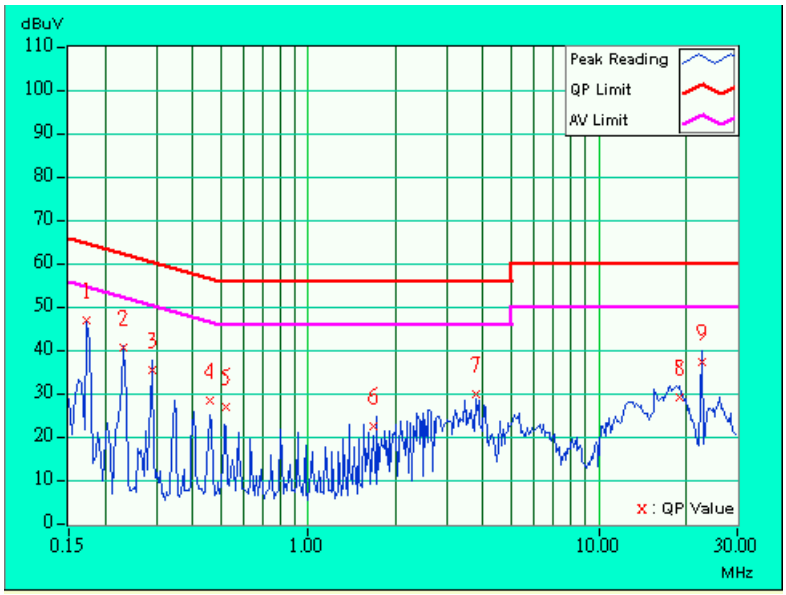


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Neutral (N)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.173	0.10	46.20	-	46.30	-	64.79	54.79	-18.49	-
2	0.232	0.10	40.04	-	40.14	-	62.38	52.38	-22.24	-
3	0.291	0.10	34.88	-	34.98	-	60.51	50.51	-25.53	-
4	0.459	0.11	27.67	-	27.78	-	56.72	46.72	-28.94	-
5	0.521	0.12	26.18	-	26.30	-	56.00	46.00	-29.70	-
6	1.668	0.20	21.77	-	21.97	-	56.00	46.00	-34.03	-
7	3.797	0.29	29.18	-	29.47	-	56.00	46.00	-26.53	-
8	18.879	0.73	28.54	-	29.27	-	60.00	50.00	-30.73	-
9	22.570	0.75	36.49	-	37.24	-	60.00	50.00	-22.76	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

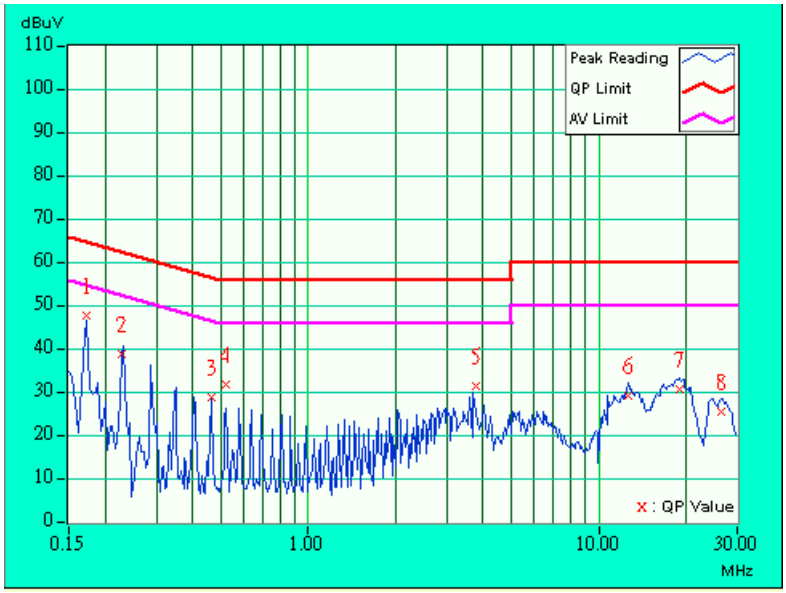


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Line (L)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.173	0.10	46.50	-	46.60	-	64.79	54.79	-18.19	-
2	0.228	0.10	37.60	-	37.70	-	62.52	52.52	-24.82	-
3	0.463	0.11	27.78	-	27.89	-	56.65	46.65	-28.76	-
4	0.521	0.12	30.48	-	30.60	-	56.00	46.00	-25.40	-
5	3.764	0.38	30.38	-	30.76	-	56.00	46.00	-25.24	-
6	12.680	0.65	27.90	-	28.55	-	60.00	50.00	-31.45	-
7	18.922	0.94	29.52	-	30.46	-	60.00	50.00	-29.54	-
8	26.285	1.23	24.19	-	25.42	-	60.00	50.00	-34.58	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.

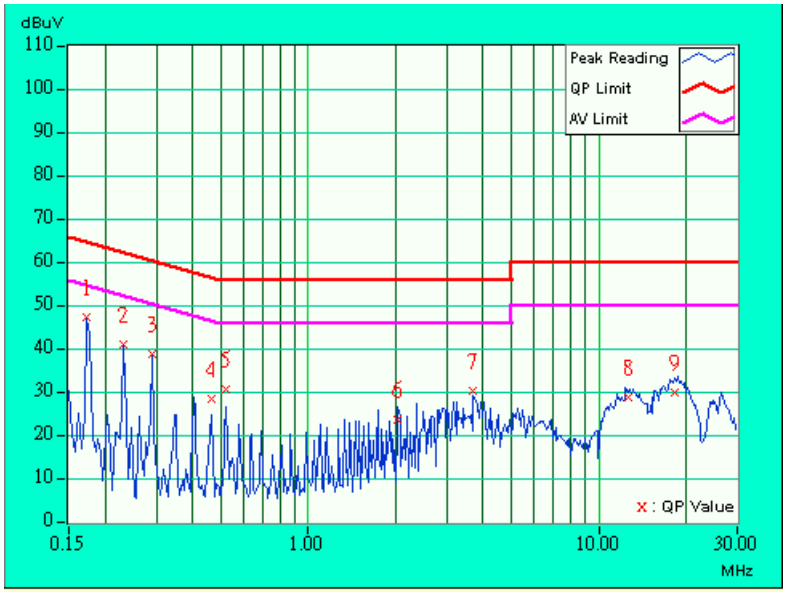


EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo	**6dB BANDWIDTH**	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**PHASE**	Neutral (N)
ENVIRONMENTAL CONDITIONS	30 deg. C, 50%RH, 1005 hPa	**TESTED BY**: Bunny Yao	

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	0.173	0.10	46.78	-	46.88	-	64.79	54.79	-17.91	-
2	0.232	0.10	40.51	-	40.61	-	62.38	52.38	-21.77	-
3	0.291	0.10	38.20	-	38.30	-	60.51	50.51	-22.21	-
4	0.464	0.11	27.95	-	28.06	-	56.63	46.63	-28.57	-
5	0.521	0.12	30.19	-	30.31	-	56.00	46.00	-25.69	-
6	2.023	0.20	23.17	-	23.37	-	56.00	46.00	-32.63	-
7	3.707	0.29	29.75	-	30.04	-	56.00	46.00	-25.96	-
8	12.621	0.45	28.10	-	28.55	-	60.00	50.00	-31.45	-
9	18.352	0.70	29.15	-	29.85	-	60.00	50.00	-30.15	-

NOTE:

1. QP. and AV. are abbreviations of quasi-peak and average individually.
2. "-": NA
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Emission level - Limit value
5. Emission Level = Reading Value + Correction Factor.



4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Field strength limits are at the distance of 3 meters, emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

Frequencies (MHz)	Field Strength of Fundamental	
	uV/m	dBuV/m
30-88	100	40.0
88-216	150	43.5
216-960	200	46.0
Above 960	500	54.0

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 UNTIL
* HP Spectrum Analyzer	8590L	3544A01176	May 13, 2003
* HP Preamplifier	8447D	2944A08485	Oct. 30, 2002
* HP Preamplifier	8449B	3008A01201	Dec. 06, 2002
* HP Preamplifier	8449B	3008A01292	Aug. 7, 2003
* ROHDE & SCHWARZ TEST RECEIVER	ESMI	839013/007 839379/002	Jan. 27, 2003
SCHWARZBECK Tunable Dipole Antenna	VHA 9103 UHA 9105	E101051 E101055	Nov. 23, 2002
* CHASE BILOG Antenna	CBL6112A	2221	Aug. 2, 2003
* SCHWARZBECK Horn Antenna	BBHA9120-D1	D130	Jul. 3, 2003
* EMCO Horn Antenna	3115	9312-4192	Apr. 9, 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

NOTE: 1. The measurement uncertainty is less than +/- 3.0dB, which is calculated as per the NAMAS document NIS81.

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

3. "*" = These equipment are used for the final measurement.

4. The horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.

5. 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.

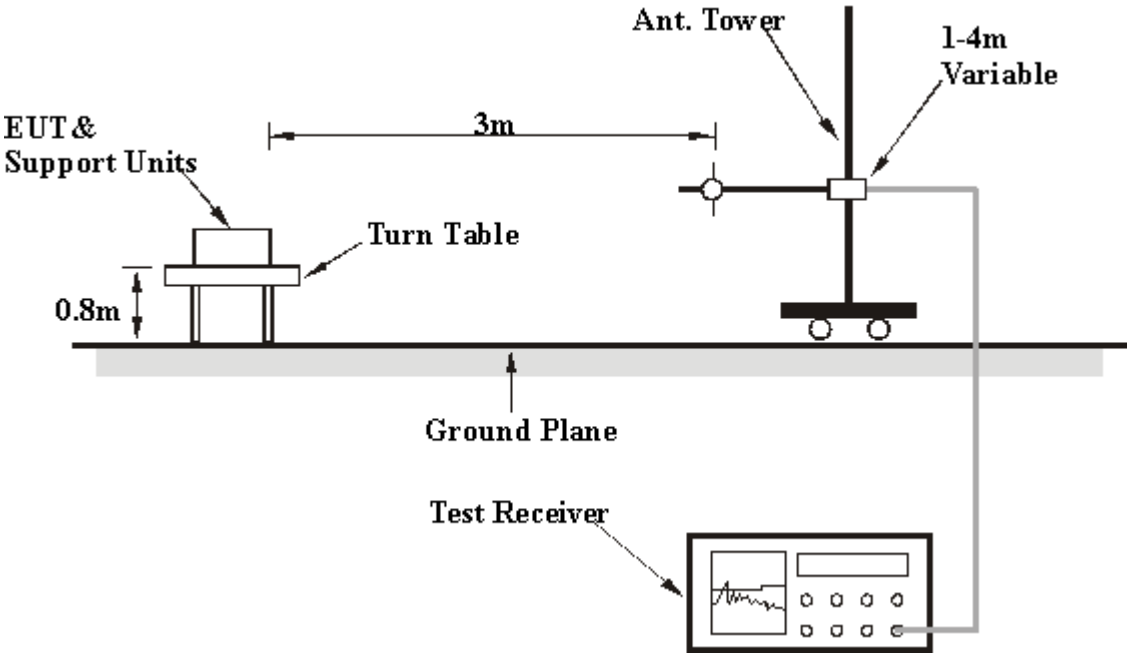
NOTE:

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 300 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 4.1.5.

4.2.7 TEST RESULTS (A) (TRANSMITTING)

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
FREQUENCY RANGE	30-1000 MHz	**DETECTOR FUNCTION**	Quasi-Peak
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	160.00	33.5 QP	43.50	-10.00	1.33H	245	21.03	9.62	2.85	0.00	-12.47
2	224.00	26.8 QP	46.00	-19.20	1.33H	137	12.48	10.41	3.92	0.00	-14.32
3	256.00	27.6 QP	46.00	-18.40	1.43H	51	10.67	12.56	4.33	0.00	-16.89
4	288.00	33.5 QP	46.00	-12.50	1.16H	1	15.80	12.88	4.81	0.00	-17.71
5	384.00	28.7 QP	46.00	-17.30	1.15H	106	7.13	15.50	6.06	0.00	-21.56
6	480.00	27.2 QP	46.00	-18.80	1.42H	61	2.97	16.92	7.30	0.00	-24.22
7	608.00	29.8 QP	46.00	-16.20	1.46H	204	2.50	18.70	8.58	0.00	-27.28
8	672.00	31.8 QP	46.00	-14.20	1.22H	315	3.15	19.27	9.39	0.00	-28.65
9	736.00	32.4 QP	46.00	-13.60	1.13H	276	2.42	19.93	10.05	0.00	-29.98
10	800.00	37.1 QP	46.00	-8.90	1.06H	180	6.60	20.69	9.82	0.00	-30.51

NTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	160.00	28.5 QP	43.50	-15.00	1.04V	265	16.03	9.62	2.85	0.00	-12.47
2	256.00	20.3 QP	46.00	-25.70	1.11V	72	3.41	12.56	4.33	0.00	-16.90
3	288.00	25.6 QP	46.00	-20.40	1.32V	4	7.90	12.88	4.81	0.00	-17.71
4	320.00	27.9 QP	46.00	-18.10	1.52V	50	9.03	13.62	5.24	0.00	-18.88
5	352.00	32.6 QP	46.00	-13.40	1.61V	145	12.59	14.31	5.68	0.00	-19.99
6	384.00	25.6 QP	46.00	-20.40	1.36V	229	4.08	15.50	6.06	0.00	-21.57
7	512.00	26.4 QP	46.00	-19.60	1.30V	281	1.35	17.42	7.63	0.00	-25.06
8	608.00	31.3 QP	46.00	-14.70	1.30V	186	4.03	18.70	8.58	0.00	-27.29
9	800.00	31.4 QP	46.00	-14.60	1.33V	89	0.90	20.69	9.82	0.00	-30.51

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	1
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5150.00	41.7 AV	54.00	-12.30	1.70H	128	1.80	31.87	8.01	0.00	-39.88
2	5150.00	56.2 PK	74.00	-17.80	1.70H	128	16.30	31.87	8.01	0.00	-39.88.
3	*5180.00	78.2 AV			1.70H	128	38.30	31.87	8.01	0.00	-39.89
4	*5180.00	87.0 PK			1.70H	128	47.12	31.87	8.01	0.00	-39.89
5	10360.00	47.4 AV	54.00	-6.60	1.10H	171	31.00	39.16	11.92	34.65	-16.42
6	10360.00	57.9 PK	74.00	-16.10	1.10H	171	41.43	39.16	11.92	34.65	-16.42.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5150.00	46.3 AV	54.00	-7.70	1.33V	199	6.40	31.87	8.01	0.00	-39.88
2	5150.00	66.2 PK	74.00	-7.80	1.33V	199	26.30	31.87	8.01	0.00	-39.89
3	*5180.00	89.6 AV			1.35V	193	49.70	31.87	8.01	0.00	-39.89
4	*5180.00	101.7 PK			1.35V	193	61.80	31.87	8.01	0.00	-39.89
5	10360.00	46.8 AV	54.00	-7.20	1.10V	55	30.33	39.16	11.92	34.65	-16.42
6	10360.00	57.2 PK	74.00	-16.80	1.10V	59	40.80	39.16	11.92	34.65	-16.42.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5240.00	79.2 AV			1.56H	127	39.10	31.90	8.22	0.00	-40.11
2	*5240.00	90.2 PK			1.56H	127	50.10	31.90	8.22	0.00	-40.11
3	10480.00	49.4 AV	54.00	-4.60	1.56H	232	31.80	39.36	12.73	34.52	-17.57
4	10480.00	59.6 PK	74.00	-14.40	1.56H	232	42.00	39.36	12.73	34.52	-17.57.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5240.00	88.6 AV			1.18V	194	48.50	31.90	8.22	0.00	-40.11
2	*5240.00	100.0 PK			1.18V	194	59.89	31.90	8.22	0.00	-40.11
3	10480.00	48.5 AV	54.00	-5.50	1.56V	142	30.90	39.36	12.73	34.52	-17.57
4	10480.00	59.1 PK	74.00	-14.90	1.56V	142	41.53	39.36	12.73	34.52	-17.57.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	5
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5260.00	77.0 AV			1.18H	142	36.90	31.90	8.22	0.00	-40.11
2	*5260.00	85.4 PK			1.18H	142	45.30	31.90	8.22	0.00	-40.11
3	10520.00	60.2 PK	74.00	-13.80	1.47H	155	42.30	39.43	12.92	34.48	-17.86
4	10520.00	49.2 AV	54.00	-4.80	1.47H	155	31.30	39.43	12.92	34.48	-17.86

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5260.00	88.7 AV			1.18V	51	48.59	31.90	8.22	0.00	-40.11
2	*5260.00	98.8 PK			1.18V	51	58.70	31.90	8.22	0.00	-40.11
3	10520.00	49.8 AV	54.00	-4.20	1.04V	34	31.90	39.43	12.92	34.48	-17.86
4	10520.00	59.6 PK	74.00	-14.40	1.04V	34	41.70	39.43	12.92	34.48	-17.86.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	8
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5320.00	73.0 AV			1.07H	0	32.89	31.93	8.16	0.00	-40.10
2	*5320.00	83.0 PK			1.07H	0	42.90	31.93	8.16	0.00	-40.10
3	5350.00	41.4 AV	54.00	-12.60	1.07H	14	1.30	31.93	8.16	0.00	-40.10
4	5350.00	55.7 PK	74.00	-18.30	1.07H	14	15.60	31.93	8.16	0.00	-40.10.
5	10640.00	51.5 AV	54.00	-2.50	1.04H	62	33.50	39.61	12.77	34.38	-17.99
6	10640.00	61.8 PK	74.00	-12.20	1.04H	62	43.80	39.61	12.77	34.38	-17.99.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5320.00	81.0 AV			1.48V	104	40.89	31.93	8.16	0.00	-40.10
2	*5320.00	90.3 PK			1.48V	104	50.24	31.93	8.16	0.00	-40.10
3	5350.00	43.5 AV	54.00	-10.50	1.48V	104	3.40	31.93	8.16	0.00	-40.10
4	5350.00	59.0 PK	74.00	-15.00	1.48V	104	18.90	31.93	8.16	0.00	-40.10.
5	10640.00	60.9 PK	74.00	-13.10	1.27V	88	42.90	39.61	12.77	34.38	-17.99
6	10640.00	51.0 AV	54.00	-3.00	1.27V	88	33.00	39.61	12.77	34.38	-17.99

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	9
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5745.00	71.0 AV			1.71H	67	30.50	32.31	8.22	0.00	-40.54
2	*5745.00	81.7 PK			1.71H	67	41.20	32.31	8.22	0.00	-40.54
3	11490.00	50.7 AV	54.00	-3.30	1.50H	89	33.00	40.00	11.90	34.20	-17.70
4	11490.00	61.2 PK	74.00	-12.80	1.50H	89	43.45	40.00	11.90	34.20	-17.70.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5745.00	74.3 AV			1.07V	38	33.80	32.31	8.22	0.00	-40.54
2	*5745.00	85.2 PK			1.07V	38	44.70	32.31	8.22	0.00	-40.54
3	11490.00	60.5 PK	74.00	-13.50	1.30V	69	42.80	40.00	11.90	34.20	-17.70
4	11490.00	49.1 AV	54.00	-4.90	1.30V	69	31.40	40.00	11.90	34.20	-17.70

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	12
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5805.00	70.7 AV			1.30H	143	30.00	32.36	8.35	0.00	-40.71
2	*5805.00	81.4 PK			1.30H	143	40.65	32.36	8.35	0.00	-40.71
3	11610.00	50.4 AV	54.00	-3.60	1.30H	11	32.80	39.83	12.02	34.30	-17.55
4	11610.00	61.1 PK	74.00	-12.90	1.30H	11	43.50	39.83	12.02	34.30	-17.55.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5805.00	83.5 AV			1.28V	135	42.80	32.36	8.35	0.00	-40.71
2	*5805.00	91.7 PK			1.28V	135	51.00	32.36	8.35	0.00	-40.71
3	11610.00	50.0 AV	54.00	-4.00	1.30V	95	32.40	39.83	12.02	34.30	-17.55
4	11610.00	60.4 PK	74.00	-13.60	1.30V	95	42.80	39.83	12.02	34.30	-17.55.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	1
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5150.00	41.9 AV	54.00	-12.10	1.10H	9	2.00	31.87	8.01	0.00	-39.88
2	5150.00	53.4 PK	74.00	-20.60	1.10H	9	13.50	31.87	8.01	0.00	-39.88
3	*5210.00	70.9 AV			1.17H	117	30.89	31.88	8.15	0.00	-40.03
4	*5210.00	81.9 PK			1.17H	117	41.89	31.88	8.15	0.00	-40.03
5	10420.00	59.2 PK	74.00	-14.80	1.40H	38	42.10	39.30	12.34	34.56	-17.07
6	10420.00	48.7 AV	54.00	-5.30	1.40H	38	31.58	39.30	12.34	34.56	-17.07

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5150.00	49.1 AV	54.00	-4.90	1.18V	161	9.20	31.87	8.01	0.00	-39.88
2	5150.00	63.4 PK	74.00	-10.60	1.18V	161	23.50	31.87	8.01	0.00	-39.89
3	*5210.00	93.8 PK			1.18V	161	53.80	31.88	8.15	0.00	-40.04
4	*5210.00	83.0 AV			1.18V	161	42.96	31.88	8.15	0.00	-40.04
5	10420.00	48.3 AV	54.00	-5.70	1.18V	212	31.20	39.30	12.34	34.56	-17.07
6	10420.00	59.9 PK	74.00	-14.10	1.18V	212	42.80	39.30	12.34	34.56	-17.07.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	2
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5250.00	74.6 AV			1.44H	175	34.50	31.90	8.22	0.00	-40.11
2	*5250.00	85.2 PK			1.44H	175	45.10	31.90	8.22	0.00	-40.11
3	10500.00	58.4 PK	74.00	-15.60	1.38H	158	40.50	39.43	12.92	34.48	-17.86
4	10500.00	47.7 AV	54.00	-6.30	1.38H	158	29.80	39.43	12.92	34.48	-17.86

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5150.00	41.1 AV	54.00	-12.90	1.21V	225	1.26	31.87	8.01	0.00	-39.88
2	5150.00	54.2 PK	74.00	-19.80	1.21V	225	14.30	31.87	8.01	0.00	-39.88.
3	*5250.00	81.3 AV			1.21V	225	41.20	31.90	8.22	0.00	-40.12
4	*5250.00	91.0 PK			1.21V	225	50.90	31.90	8.22	0.00	-40.12
5	10500.00	47.9 AV	54.00	-6.10	1.04V	207	30.00	39.43	12.92	34.48	-17.86
6	10500.00	59.4 PK	74.00	-14.60	1.04V	207	41.50	39.43	12.92	34.48	-17.86.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	3
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5290.00	65.2 AV			1.34H	217	25.00	31.92	8.28	0.00	-40.20
2	*5290.00	74.4 PK			1.34H	217	34.20	31.92	8.28	0.00	-40.20
3	5350.00	41.9 AV	54.00	-12.10	1.48H	175	1.80	31.93	8.16	0.00	-40.10
4	5350.00	54.4 PK	74.00	-19.60	1.48H	175	14.30	31.93	8.16	0.00	-40.10.
5	10580.00	50.5 AV	54.00	-3.50	1.42H	223	32.60	39.49	12.86	34.45	-17.90
6	10580.00	59.9 PK	74.00	-14.10	1.42H	223	42.00	39.49	12.86	34.45	-17.90.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5290.00	79.1 AV			1.22V	120	38.90	31.92	8.28	0.00	-40.20
2	*5290.00	90.0 PK			1.22V	120	49.80	31.92	8.28	0.00	-40.20
3	5350.00	48.2 AV	54.00	-5.80	1.22V	120	8.10	31.93	8.16	0.00	-40.10
4	5350.00	60.1 PK	74.00	-13.90	1.22V	120	20.00	31.93	8.16	0.00	-40.10
5	10580.00	48.4 AV	54.00	-5.60	1.42V	223	30.50	39.49	12.86	34.45	-17.90
6	10580.00	59.1 PK	74.00	-14.90	1.42V	223	41.24	39.49	12.86	34.45	-17.90.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5760.00	68.7 AV			1.49H	159	28.20	32.31	8.22	0.00	-40.54
2	*5760.00	79.4 PK			1.49H	159	38.90	32.31	8.22	0.00	-40.54
3	11520.00	59.8 PK	74.00	-14.20	1.49H	172	42.20	39.94	11.94	34.23	-17.65
4	11520.00	49.0 AV	54.00	-5.00	1.49H	172	31.40	39.94	11.94	34.23	-17.65

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5760.00	75.9 AV			1.22V	187	35.40	32.31	8.22	0.00	-40.54
2	*5760.00	86.5 PK			1.22V	187	46.00	32.31	8.22	0.00	-40.54
3	11520.00	50.1 AV	54.00	-3.90	1.62V	207	32.50	39.94	11.94	34.23	-17.65
4	11520.00	61.1 PK	74.00	-12.90	1.62V	207	43.50	39.94	11.94	34.23	-17.65.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	5
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5800.00	66.3 AV			1.19H	96	25.60	32.36	8.35	0.00	-40.71
2	*5800.00	77.5 PK			1.19H	96	36.80	32.36	8.35	0.00	-40.71
3	11600.00	50.1 AV	54.00	-3.90	1.19H	81	32.50	39.88	11.97	34.27	-17.59
4	11600.00	60.5 PK	74.00	-13.50	1.19H	81	42.90	39.88	11.97	34.27	-17.59.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5800.00	76.6 AV			1.38V	220	35.90	32.36	8.35	0.00	-40.71
2	*5800.00	85.6 PK			1.38V	204	44.87	32.36	8.35	0.00	-40.71
3	11600.00	51.2 AV	54.00	-2.80	1.38V	143	33.58	39.88	11.97	34.27	-17.59
4	11600.00	60.7 PK	74.00	-13.30	1.38V	143	43.10	39.88	11.97	34.27	-17.59.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

4.2.8 TEST RESULTS (B) (TRANSMITTING)

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
FREQUENCY RANGE	30-1000 MHz	**DETECTOR FUNCTION**	Quasi-Peak
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	160.00	25.6 QP	43.50	-17.90	1.32H	102	13.13	9.62	2.85	0.00	-12.47
2	224.00	26.8 QP	46.00	-19.20	1.32H	224	12.46	10.41	3.92	0.00	-14.32
3	256.00	32.0 QP	46.00	-14.00	1.32H	3	15.11	12.56	4.33	0.00	-16.89
4	288.00	32.0 QP	46.00	-14.00	1.47H	317	14.30	12.88	4.81	0.00	-17.70
5	320.00	28.9 QP	46.00	-17.10	1.51H	213	10.03	13.62	5.24	0.00	-18.87
6	352.00	27.6 QP	46.00	-18.40	1.34H	80	7.61	14.31	5.68	0.00	-20.00
7	384.00	24.3 QP	46.00	-21.70	1.47H	5	2.74	15.50	6.06	0.00	-21.57
8	512.00	26.8 QP	46.00	-19.20	1.50H	87	1.75	17.42	7.63	0.00	-25.06
9	608.00	29.5 QP	46.00	-16.50	1.36H	184	2.22	18.70	8.58	0.00	-27.29
10	672.00	29.7 QP	46.00	-16.30	1.43H	291	1.05	19.27	9.39	0.00	-28.66
11	736.00	37.5 QP	46.00	-8.50	1.40H	312	7.52	19.93	10.05	0.00	-29.99
12	800.00	35.8 QP	46.00	-10.20	1.57H	165	5.30	20.69	9.82	0.00	-30.51

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	64.00	21.0 QP	40.00	-19.00	1.01V	62	42.58	5.74	1.39	28.71	21.58
2	128.00	24.0 QP	43.50	-19.50	1.13V	153	10.35	11.37	2.33	0.00	-13.69
3	256.00	22.8 QP	46.00	-23.20	1.31V	3	5.91	12.56	4.33	0.00	-16.90
4	288.00	25.9 QP	46.00	-20.10	1.49V	269	8.20	12.88	4.81	0.00	-17.71
5	352.00	31.0 QP	46.00	-15.00	1.09V	158	11.01	14.31	5.68	0.00	-19.99
6	384.00	27.6 QP	46.00	-18.40	1.24V	255	6.04	15.50	6.06	0.00	-21.57
7	608.00	23.0 QP	46.00	-23.00	1.25V	281	-4.28	18.70	8.58	0.00	-27.28
8	736.00	33.2 QP	46.00	-12.80	1.55V	286	3.20	19.93	10.05	0.00	-29.98
9	768.00	32.0 QP	46.00	-14.00	1.52V	174	1.59	20.36	10.05	0.00	-30.41
10	800.00	34.1 QP	46.00	-11.90	1.53V	3	3.60	20.69	9.82	0.00	-30.50

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	1
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5150.00	41.1 AV	54.00	-12.90	1.35H	57	1.20	31.87	8.01	0.00	-39.88
2	5150.00	53.4 PK	74.00	-20.60	1.35H	57	13.50	31.87	8.01	0.00	-39.88
3	*5180.00	79.4 AV			1.35H	57	39.50	31.87	8.01	0.00	-39.89
4	*5180.00	89.8 PK			1.35H	57	49.89	31.87	8.01	0.00	-39.89
5	10360.00	59.9 PK	74.00	-14.10	1.35H	355	43.52	39.16	11.92	34.65	-16.42
6	10360.00	50.2 AV	54.00	-3.80	1.35H	355	33.80	39.16	11.92	34.65	-16.42

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5148.00	57.2 PK	74.00	-16.80	1.48V	110	17.30	31.87	8.01	0.00	-39.88
2	5148.00	46.9 AV	54.00	-7.10	1.48V	110	7.00	31.87	8.01	0.00	-39.88
3	*5180.00	89.3 AV			1.48V	110	49.40	31.87	8.01	0.00	-39.89
4	*5180.00	98.6 PK			1.48V	110	58.68	31.87	8.01	0.00	-39.89
5	10360.00	48.9 AV	54.00	-5.10	1.48V	173	32.50	39.16	11.92	34.65	-16.42
6	10360.00	59.2 PK	74.00	-14.80	1.48V	173	42.80	39.16	11.92	34.65	-16.42.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5240.00	79.0 AV			1.20H	99	38.90	31.90	8.22	0.00	-40.11
2	*5240.00	88.6 PK			1.20H	99	48.45	31.90	8.22	0.00	-40.11
3	10480.00	61.1 PK	74.00	-12.90	1.12H	144	43.51	39.36	12.73	34.52	-17.57
4	10480.00	51.2 AV	54.00	-2.80	1.12H	144	33.58	39.36	12.73	34.52	-17.57

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5144.00	43.4 AV	54.00	-10.60	1.42V	113	3.50	31.87	8.01	0.00	-39.88
2	5144.00	54.4 PK	74.00	-19.60	1.42V	113	14.52	31.87	8.01	0.00	-39.88.
3	*5240.00	93.2 AV			1.42V	113	53.10	31.90	8.22	0.00	-40.12
4	*5240.00	103.9 PK			1.42V	113	63.80	31.90	8.22	0.00	-40.12
5	10480.00	59.9 PK	74.00	-14.10	1.06V	110	42.30	39.36	12.73	34.52	-17.58
6	10480.00	50.5 AV	54.00	-3.50	1.06V	110	32.89	39.36	12.73	34.52	-17.57

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	5
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5260.00	89.3 PK			1.49H	186	49.20	31.90	8.22	0.00	-40.11
2	*5260.00	79.0 AV			1.49H	186	38.90	31.90	8.22	0.00	-40.11
3	10520.00	49.4 AV	54.00	-4.60	1.59H	144	31.50	39.43	12.92	34.48	-17.86
4	10520.00	60.2 PK	74.00	-13.80	1.59H	144	42.30	39.43	12.92	34.48	-17.86.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5163.00	41.8 AV	54.00	-12.20	1.43V	132	1.89	31.87	8.01	0.00	-39.88
2	5163.00	52.9 PK	74.00	-21.10	1.43V	132	13.00	31.87	8.01	0.00	-39.88
3	*5260.00	89.8 AV			1.43V	132	49.70	31.90	8.22	0.00	-40.12
4	*5260.00	98.8 PK			1.43V	132	58.69	31.90	8.22	0.00	-40.12
5	10520.00	48.4 AV	54.00	-5.60	1.30V	295	30.58	39.43	12.92	34.48	-17.86
6	10520.00	58.8 PK	74.00	-15.20	1.30V	295	40.89	39.43	12.92	34.48	-17.86.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	8
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5320.00	75.9 AV			1.60H	346	35.80	31.93	8.16	0.00	-40.10
2	*5320.00	86.1 PK			1.60H	346	46.00	31.93	8.16	0.00	-40.10
3	10640.00	50.5 AV	54.00	-3.50	1.16H	265	32.50	39.61	12.77	34.38	-17.99
4	10640.00	61.1 PK	74.00	-12.90	1.16H	265	43.10	39.61	12.77	34.38	-17.99.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5320.00	86.6 AV			1.30V	328	46.50	31.93	8.16	0.00	-40.10
2	*5320.00	95.9 PK			1.30V	328	55.80	31.93	8.16	0.00	-40.10
3	5352.00	43.5 AV	54.00	-10.50	1.30V	328	3.40	31.93	8.16	0.00	-40.10
4	5352.00	56.1 PK	74.00	-17.90	1.30V	328	16.00	31.93	8.16	0.00	-40.10.
5	10640.00	50.6 AV	54.00	-3.40	1.14V	284	32.58	39.61	12.77	34.38	-17.99
6	10640.00	61.1 PK	74.00	-12.90	1.14V	284	43.10	39.61	12.77	34.38	-17.99.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	9
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5745.00	76.3 AV			1.22H	150	35.80	32.31	8.22	0.00	-40.54
2	*5745.00	85.7 PK			1.22H	150	45.20	32.31	8.22	0.00	-40.54
3	11490.00	51.7 AV	54.00	-2.30	1.40H	248	34.00	40.00	11.90	34.20	-17.70
4	11490.00	61.3 PK	74.00	-12.70	1.40H	248	43.58	40.00	11.90	34.20	-17.70.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5745.00	84.7 AV			1.37V	61	44.20	32.31	8.22	0.00	-40.54
2	*5745.00	94.5 PK			1.37V	61	54.00	32.31	8.22	0.00	-40.54
3	11490.00	49.7 AV	54.00	-4.30	1.02V	109	32.00	40.00	11.90	34.20	-17.70
4	11490.00	61.0 PK	74.00	-13.00	1.02V	109	43.30	40.00	11.90	34.20	-17.70.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	12
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5805.00	75.5 AV			1.65H	199	34.78	32.36	8.35	0.00	-40.71
2	*5805.00	85.3 PK			1.65H	199	44.58	32.36	8.35	0.00	-40.71
3	11610.00	51.3 AV	54.00	-2.70	1.41H	173	33.70	39.83	12.02	34.30	-17.55
4	11610.00	61.0 PK	74.00	-13.00	1.41H	173	43.40	39.83	12.02	34.30	-17.55.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5805.00	87.5 AV			1.30V	131	46.80	32.36	8.35	0.00	-40.71
2	*5805.00	97.7 PK			1.30V	131	57.00	32.36	8.35	0.00	-40.71
3	11610.00	51.0 AV	54.00	-3.00	1.30V	196	33.40	39.83	12.02	34.30	-17.55
4	11610.00	61.1 PK	74.00	-12.90	1.30V	196	43.58	39.83	12.02	34.30	-17.55.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	1
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5150.00	42.0 AV	54.00	-12.00	1.38H	56	2.10	31.87	8.01	0.00	-39.88
2	5150.00	55.2 PK	74.00	-18.80	1.38H	56	15.30	31.87	8.01	0.00	-39.88.
3	*5210.00	79.2 AV			1.39H	53	39.20	31.88	8.15	0.00	-40.04
4	*5210.00	90.0 PK			1.39H	53	50.00	31.88	8.15	0.00	-40.04
5	10420.00	47.6 AV	54.00	-6.40	1.44H	142	30.50	39.30	12.34	34.56	-17.07
6	10420.00	59.6 PK	74.00	-14.40	1.44H	142	42.52	39.30	12.34	34.56	-17.07.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5150.00	47.7 AV	54.00	-6.30	1.12V	22	7.80	31.87	8.01	0.00	-39.89
2	5150.00	60.4 PK	74.00	-13.60	1.12V	22	20.50	31.87	8.01	0.00	-39.89
3	*5210.00	89.9 AV			1.00V	20	49.90	31.88	8.15	0.00	-40.04
4	*5210.00	99.2 PK			1.00V	20	59.20	31.88	8.15	0.00	-40.04
5	10420.00	49.4 AV	54.00	-4.60	1.36V	50	32.30	39.30	12.34	34.56	-17.07
6	10420.00	59.0 PK	74.00	-15.00	1.36V	50	41.90	39.30	12.34	34.56	-17.07.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	2
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5250.00	74.4 AV			1.10H	223	34.30	31.90	8.22	0.00	-40.11
2	*5250.00	86.3 PK			1.10H	223	46.20	31.90	8.22	0.00	-40.11
3	10500.00	50.8 AV	54.00	-3.20	1.32H	180	32.90	39.43	12.92	34.48	-17.86
4	10500.00	60.9 PK	74.00	-13.10	1.32H	180	43.00	39.43	12.92	34.48	-17.86.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5150.00	47.4 AV	54.00	-6.60	1.32V	180	7.55	31.87	8.01	0.00	-39.88
2	5150.00	59.1 PK	74.00	-14.90	1.32V	180	19.20	31.87	8.01	0.00	-39.89
3	*5250.00	89.0 AV			1.33V	145	48.90	31.90	8.22	0.00	-40.12
4	*5250.00	98.7 PK			1.33V	145	58.60	31.90	8.22	0.00	-40.12
5	5350.00	44.9 AV	54.00	-9.10	1.32V	152	4.80	31.93	8.16	0.00	-40.10
6	5350.00	57.9 PK	74.00	-16.10	1.32V	152	17.82	31.93	8.16	0.00	-40.10
7	10500.00	48.9 AV	54.00	-5.10	1.32V	231	31.00	39.43	12.92	34.48	-17.86
8	10500.00	59.2 PK	74.00	-14.80	1.32V	231	41.36	39.43	12.92	34.48	-17.86.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	3
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5238.00	44.0 AV	54.00	-10.00	1.87H	165	3.89	31.90	8.22	0.00	-40.11
2	5238.00	56.6 PK	74.00	-17.40	1.87H	165	16.50	31.90	8.22	0.00	-40.11.
3	*5290.00	75.3 AV			1.95H	169	35.10	31.92	8.28	0.00	-40.20
4	*5290.00	86.5 PK			1.95H	169	46.30	31.92	8.28	0.00	-40.20
5	5350.00	45.4 AV	54.00	-8.60	1.67H	168	5.35	31.93	8.16	0.00	-40.10
6	5350.00	58.8 PK	74.00	-15.20	1.67H	168	18.69	31.93	8.16	0.00	-40.10
7	10580.00	50.8 AV	54.00	-3.20	1.26H	153	32.90	39.49	12.86	34.45	-17.90
8	10580.00	61.0 PK	74.00	-13.00	1.26H	153	43.10	39.49	12.86	34.45	-17.90.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5290.00	85.6 AV			1.28V	140	45.40	31.92	8.28	0.00	-40.20
2	*5290.00	95.5 PK			1.28V	140	55.30	31.92	8.28	0.00	-40.20
3	5350.00	50.1 AV	54.00	-3.90	1.28V	136	10.00	31.93	8.16	0.00	-40.10
4	5350.00	64.0 PK	74.00	-10.00	1.28V	136	23.90	31.93	8.16	0.00	-40.10
5	10580.00	51.4 AV	54.00	-2.60	1.15V	142	33.50	39.49	12.86	34.45	-17.90
6	10580.00	61.1 PK	74.00	-12.90	1.15V	142	43.23	39.49	12.86	34.45	-17.90.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5760.00	73.0 AV			1.19H	151	32.50	32.31	8.22	0.00	-40.54
2	*5760.00	84.2 PK			1.19H	151	43.70	32.31	8.22	0.00	-40.54
3	11520.00	50.2 AV	54.00	-3.80	1.31H	196	32.60	39.94	11.94	34.23	-17.65
4	11520.00	60.0 PK	74.00	-14.00	1.31H	196	42.40	39.94	11.94	34.23	-17.65.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5760.00	96.7 PK			1.01V	42	56.20	32.31	8.22	0.00	-40.54
2	*5760.00	86.4 AV			1.01V	42	45.90	32.31	8.22	0.00	-40.54
3	11520.00	50.8 AV	54.00	-3.20	1.31V	203	33.20	39.94	11.94	34.23	-17.65
4	11520.00	60.6 PK	74.00	-13.40	1.31V	203	42.94	39.94	11.94	34.23	-17.65.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	5
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5800.00	70.7 AV			1.91H	226	30.00	32.36	8.35	0.00	-40.71
2	*5800.00	80.2 PK			1.91H	226	39.50	32.36	8.35	0.00	-40.71
3	11600.00	49.2 AV	54.00	-4.80	1.30H	185	31.59	39.88	11.97	34.27	-17.59
4	11600.00	59.4 PK	74.00	-14.60	1.30H	185	41.84	39.88	11.97	34.27	-17.59.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5800.00	81.3 AV			1.04V	190	40.56	32.36	8.35	0.00	-40.71
2	*5800.00	91.6 PK			1.04V	190	50.84	32.36	8.35	0.00	-40.71
3	11600.00	50.2 AV	54.00	-3.80	1.29V	146	32.60	39.88	11.97	34.27	-17.59
4	11600.00	60.3 PK	74.00	-13.70	1.29V	146	42.73	39.88	11.97	34.27	-17.59.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

4.2.9 TEST RESULTS (C) (TRANSMITTING)

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
FREQUENCY RANGE	30-1000 MHz	**DETECTOR FUNCTION**	Quasi-Peak
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	160.00	27.6 QP	43.50	-15.90	1.34H	101	15.13	9.62	2.85	0.00	-12.47
2	224.00	30.4 QP	46.00	-15.60	1.24H	193	16.08	10.41	3.92	0.00	-14.32
3	256.00	36.0 QP	46.00	-10.00	1.26H	285	19.09	12.56	4.33	0.00	-16.89
4	288.00	30.9 QP	46.00	-15.10	1.52H	74	13.21	12.88	4.81	0.00	-17.71
5	320.00	28.6 QP	46.00	-17.40	1.49H	157	9.73	13.62	5.24	0.00	-18.88
6	352.00	36.0 QP	46.00	-10.00	1.45H	231	16.01	14.31	5.68	0.00	-19.99
7	384.00	35.9 QP	46.00	-10.10	1.30H	8	14.35	15.50	6.06	0.00	-21.56
8	480.00	28.8 QP	46.00	-17.20	1.66H	269	4.55	16.92	7.30	0.00	-24.22
9	480.00	28.8 QP	46.00	-17.20	1.66H	245	4.55	16.92	7.30	0.00	-24.22
10	544.00	28.5 QP	46.00	-17.50	1.51H	140	2.61	17.86	8.04	0.00	-25.91
11	672.00	30.6 QP	46.00	-15.40	1.30H	20	1.94	19.27	9.39	0.00	-28.65
12	736.00	40.1 QP	46.00	-5.90	1.31H	178	10.12	19.93	10.05	0.00	-29.98
13	768.00	31.0 QP	46.00	-15.00	1.50H	195	0.59	20.36	10.05	0.00	-30.41
14	800.00	34.0 QP	46.00	-12.00	1.39H	50	3.54	20.69	9.82	0.00	-30.50

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
FREQUENCY RANGE	30-1000 MHz	**DETECTOR FUNCTION**	Quasi-Peak
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
TESTED BY	Bunny Yao		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	256.00	25.7 QP	46.00	-20.30	1.32V	236	8.85	12.56	4.33	0.00	-16.89
2	288.00	25.7 QP	46.00	-20.30	1.36V	114	8.00	12.88	4.81	0.00	-17.70
3	320.00	27.6 QP	46.00	-18.40	1.82V	98	8.69	13.62	5.24	0.00	-18.87
4	352.00	30.5 QP	46.00	-15.50	1.54V	120	10.51	14.31	5.68	0.00	-19.99
5	384.00	27.9 QP	46.00	-18.10	1.44V	78	6.34	15.50	6.06	0.00	-21.57
6	480.00	26.5 QP	46.00	-19.50	1.40V	191	2.29	16.92	7.30	0.00	-24.22
7	544.00	25.6 QP	46.00	-20.40	1.56V	197	-0.30	17.86	8.04	0.00	-25.90
8	608.00	28.9 QP	46.00	-17.10	1.36V	64	1.62	18.70	8.58	0.00	-27.29
9	672.00	28.9 QP	46.00	-17.10	1.51V	8	0.25	19.27	9.39	0.00	-28.66
10	736.00	33.5 QP	46.00	-12.50	1.66V	176	3.53	19.93	10.05	0.00	-29.98
11	800.00	32.0 QP	46.00	-14.00	1.66V	114	1.50	20.69	9.82	0.00	-30.51

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	1
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5150.00	47.7 AV	54.00	-6.30	1.00H	54	7.85	31.87	8.01	0.00	-39.88
2	5150.00	65.7 PK	74.00	-8.30	1.00H	54	25.80	31.87	8.01	0.00	-39.89
3	*5180.00	84.8 AV			1.00H	54	44.90	31.87	8.01	0.00	-39.89
4	*5180.00	95.3 PK			1.00H	54	55.40	31.87	8.01	0.00	-39.89
5	10360.00	57.0 PK	74.00	-17.00	1.89H	282	40.56	39.16	11.92	34.65	-16.42
6	10360.00	47.0 AV	54.00	-7.00	1.89H	282	30.59	39.16	11.92	34.65	-16.42

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5150.00	66.9 PK	74.00	-7.10	1.28V	100	27.00	31.87	8.01	0.00	-39.88
2	5150.00	50.2 AV	54.00	-3.80	1.28V	100	10.30	31.87	8.01	0.00	-39.88
3	*5180.00	86.5 AV			1.58V	106	46.60	31.87	8.01	0.00	-39.89
4	*5180.00	97.1 PK			1.58V	106	57.20	31.87	8.01	0.00	-39.89
5	10360.00	50.2 AV	54.00	-3.80	1.76V	136	33.80	39.16	11.92	34.65	-16.42
6	10360.00	59.3 PK	74.00	-14.70	1.76V	136	42.90	39.16	11.92	34.65	-16.42.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5240.00	87.2 AV			1.00H	55	47.05	31.90	8.22	0.00	-40.11
2	*5240.00	98.6 PK			1.00H	55	58.50	31.90	8.22	0.00	-40.11
3	10480.00	61.1 PK	74.00	-12.90	1.00H	61	43.50	39.36	12.73	34.52	-17.57
4	10480.00	50.0 AV	54.00	-4.00	1.00H	61	32.40	39.36	12.73	34.52	-17.57

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5240.00	91.1 AV			1.12V	122	51.00	31.90	8.22	0.00	-40.11
2	*5240.00	102.1 PK			1.12V	122	62.00	31.90	8.22	0.00	-40.11
3	10480.00	51.6 AV	54.00	-2.40	1.04V	66	34.00	39.36	12.73	34.52	-17.57
4	10480.00	60.8 PK	74.00	-13.20	1.04V	66	43.20	39.36	12.73	34.52	-17.57.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	5
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5260.00	95.4 PK			1.01H	132	55.30	31.90	8.22	0.00	-40.11
2	*5260.00	84.7 AV			1.01H	132	44.60	31.90	8.22	0.00	-40.11
3	10520.00	50.3 AV	54.00	-3.70	1.20H	109	32.40	39.43	12.92	34.48	-17.86
4	10520.00	59.8 PK	74.00	-14.20	1.20H	109	41.89	39.43	12.92	34.48	-17.86.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5260.00	102.7 PK			1.21V	122	62.60	31.90	8.22	0.00	-40.11
2	*5260.00	91.9 AV			1.21V	122	51.80	31.90	8.22	0.00	-40.11
3	10520.00	60.6 PK	74.00	-13.40	1.21V	122	42.70	39.43	12.92	34.48	-17.86
4	10520.00	51.3 AV	54.00	-2.70	1.21V	122	33.40	39.43	12.92	34.48	-17.86

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	8
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5320.00	81.0 AV			1.41H	46	40.90	31.93	8.16	0.00	-40.10
2	*5320.00	89.8 PK			1.41H	46	49.70	31.93	8.16	0.00	-40.10
3	5350.00	41.1 AV	54.00	-12.90	1.42H	46	1.00	31.93	8.16	0.00	-40.10
4	5350.00	55.9 PK	74.00	-18.10	1.42H	46	15.80	31.93	8.16	0.00	-40.10.
5	10640.00	52.0 AV	54.00	-2.00	1.03H	122	34.00	39.61	12.77	34.38	-17.99
6	10640.00	61.7 PK	74.00	-12.30	1.03H	122	43.70	39.61	12.77	34.38	-17.99.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5287.00	60.9 PK	74.00	-13.10	1.11V	114	20.70	31.92	8.28	0.00	-40.20
2	5287.00	45.0 AV	54.00	-9.00	1.11V	114	4.80	31.92	8.28	0.00	-40.20
3	*5320.00	88.1 AV			1.21V	121	48.00	31.93	8.16	0.00	-40.10
4	*5320.00	98.4 PK			1.21V	121	58.30	31.93	8.16	0.00	-40.10
5	5352.00	44.4 AV	54.00	-9.60	1.21V	121	4.30	31.93	8.16	0.00	-40.10
6	5352.00	61.1 PK	74.00	-12.90	1.21V	121	21.00	31.93	8.16	0.00	-40.10
7	10640.00	51.5 AV	54.00	-2.50	1.11V	92	33.50	39.61	12.77	34.38	-17.99
8	10640.00	60.8 PK	74.00	-13.20	1.11V	92	42.78	39.61	12.77	34.38	-17.99.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	9
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5745.00	73.4 AV			1.80H	209	32.90	32.31	8.22	0.00	-40.54
2	*5745.00	85.3 PK			1.80H	209	44.80	32.31	8.22	0.00	-40.54
3	11490.00	52.0 AV	54.00	-2.00	1.36H	60	34.30	40.00	11.90	34.20	-17.70
4	11490.00	61.5 PK	74.00	-12.50	1.01H	60	43.80	40.00	11.90	34.20	-17.70.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5745.00	81.4 AV			1.01V	110	40.90	32.31	8.22	0.00	-40.54
2	*5745.00	90.8 PK			1.01V	110	50.30	32.31	8.22	0.00	-40.54
3	11490.00	51.7 AV	54.00	-2.30	1.21V	69	34.00	40.00	11.90	34.20	-17.70
4	11490.00	60.1 PK	74.00	-13.90	1.21V	69	42.40	40.00	11.90	34.20	-17.70.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	12
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5805.00	87.2 PK			1.38H	157	46.50	32.36	8.35	0.00	-40.71
2	*5805.00	75.2 AV			1.38H	157	34.50	32.36	8.35	0.00	-40.71
3	11610.00	49.9 AV	54.00	-4.10	1.12H	41	32.30	39.83	12.02	34.30	-17.55
4	11610.00	60.3 PK	74.00	-13.70	1.12H	41	42.70	39.83	12.02	34.30	-17.55.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5805.00	76.5 AV			1.24V	101	35.82	32.36	8.35	0.00	-40.71
2	*5805.00	87.4 PK			1.24V	101	46.70	32.36	8.35	0.00	-40.71
3	11610.00	61.1 PK	74.00	-12.90	1.81V	38	43.50	39.83	12.02	34.30	-17.55
4	11610.00	50.3 AV	54.00	-3.70	1.81V	38	32.70	39.83	12.02	34.30	-17.55

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	1
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5150.00	42.2 AV	54.00	-11.80	1.90H	160	2.30	31.87	8.01	0.00	-39.88
2	5150.00	59.1 PK	74.00	-14.90	1.90H	160	19.20	31.87	8.01	0.00	-39.88.
3	*5210.00	79.6 AV			1.88H	162	39.58	31.88	8.15	0.00	-40.04
4	*5210.00	87.9 PK			1.88H	162	47.90	31.88	8.15	0.00	-40.04
5	10420.00	48.1 AV	54.00	-5.90	1.47H	139	31.00	39.30	12.34	34.56	-17.07
6	10420.00	58.2 PK	74.00	-15.80	1.47H	139	41.10	39.30	12.34	34.56	-17.07.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5150.00	43.3 AV	54.00	-10.70	1.63V	86	3.46	31.87	8.01	0.00	-39.88
2	5150.00	57.9 PK	74.00	-16.10	1.63V	27	18.00	31.87	8.01	0.00	-39.88.
3	*5210.00	88.2 AV			1.55V	96	48.20	31.88	8.15	0.00	-40.04
4	*5210.00	97.0 PK			1.55V	96	56.99	31.88	8.15	0.00	-40.04
5	5307.00	41.3 AV	54.00	-12.70	1.55V	96	1.10	31.92	8.28	0.00	-40.20
6	5307.00	52.2 PK	74.00	-21.80	1.55V	96	12.00	31.92	8.28	0.00	-40.20
7	10420.00	47.7 AV	54.00	-6.30	1.46V	92	30.58	39.30	12.34	34.56	-17.07
8	10420.00	58.3 PK	74.00	-15.70	1.46V	92	41.26	39.30	12.34	34.56	-17.07.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	2
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5250.00	80.4 AV			1.20H	118	40.30	31.90	8.22	0.00	-40.11
2	*5250.00	90.9 PK			1.20H	118	50.78	31.90	8.22	0.00	-40.11
3	5350.00	42.1 AV	54.00	-11.90	1.20H	118	2.00	31.93	8.16	0.00	-40.10
4	5350.00	54.4 PK	74.00	-19.60	1.20H	118	14.30	31.93	8.16	0.00	-40.10.
5	10500.00	48.3 AV	54.00	-5.70	1.42H	132	30.40	39.43	12.92	34.48	-17.86
6	10500.00	51.6 PK	74.00	-22.40	1.42H	132	33.70	39.43	12.92	34.48	-17.86

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	5150.00	41.0 AV	54.00	-13.00	1.50V	85	1.10	31.87	8.01	0.00	-39.88
2	5150.00	55.4 PK	74.00	-18.60	1.50V	85	15.48	31.87	8.01	0.00	-39.88.
3	*5250.00	87.9 AV			1.50V	85	47.80	31.90	8.22	0.00	-40.12
4	*5250.00	98.5 PK			1.50V	85	58.35	31.90	8.22	0.00	-40.12
5	5350.00	43.8 AV	54.00	-10.20	1.50V	85	3.70	31.93	8.16	0.00	-40.10
6	5350.00	60.6 PK	74.00	-13.40	1.50V	85	20.50	31.93	8.16	0.00	-40.10.
7	10500.00	48.6 AV	54.00	-5.40	1.42V	27	30.78	39.43	12.92	34.48	-17.86
8	10500.00	59.3 PK	74.00	-14.70	1.42V	27	41.40	39.43	12.92	34.48	-17.86.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	3
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5290.00	77.5 AV			1.21H	102	37.30	31.92	8.28	0.00	-40.20
2	*5290.00	87.4 PK			1.21H	102	47.20	31.92	8.28	0.00	-40.20
3	5350.00	42.4 AV	54.00	-11.60	1.21H	102	2.30	31.93	8.16	0.00	-40.10
4	5350.00	55.0 PK	74.00	-19.00	1.21H	102	14.90	31.93	8.16	0.00	-40.10.
5	10580.00	49.5 AV	54.00	-4.50	1.35H	37	31.60	39.49	12.86	34.45	-17.90
6	10580.00	59.9 PK	74.00	-14.10	1.35H	37	42.00	39.49	12.86	34.45	-17.90.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5290.00	88.2 AV			1.42V	168	48.00	31.92	8.28	0.00	-40.20
2	*5290.00	99.5 PK			1.42V	168	59.30	31.92	8.28	0.00	-40.20
3	5350.00	47.0 AV	54.00	-7.00	1.42V	168	6.90	31.93	8.16	0.00	-40.10
4	5350.00	59.1 PK	74.00	-14.90	1.42V	168	19.00	31.93	8.16	0.00	-40.10
5	10580.00	48.7 AV	54.00	-5.30	1.23V	130	30.80	39.49	12.86	34.45	-17.90
6	10580.00	59.1 PK	74.00	-14.90	1.23V	130	41.20	39.49	12.86	34.45	-17.90.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5760.00	82.1 PK			1.48H	23	41.59	32.31	8.22	0.00	-40.54
2	*5760.00	72.0 AV			1.48H	23	31.50	32.31	8.22	0.00	-40.54
3	11520.00	61.7 PK	74.00	-12.30	1.28H	56	44.10	39.94	11.94	34.23	-17.65
4	11520.00	51.4 AV	54.00	-2.60	1.28H	56	33.80	39.94	11.94	34.23	-17.65

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5760.00	77.0 AV			1.01V	129	36.50	32.31	8.22	0.00	-40.54
2	*5760.00	87.0 PK			1.01V	129	46.50	32.31	8.22	0.00	-40.54
3	11520.00	51.0 AV	54.00	-3.00	1.01V	112	33.40	39.94	11.94	34.23	-17.65
4	11520.00	60.9 PK	74.00	-13.10	1.01V	112	43.30	39.94	11.94	34.23	-17.65.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	5
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5800.00	70.5 AV			1.85H	123	29.74	32.36	8.35	0.00	-40.71
2	*5800.00	80.5 PK			1.85H	123	39.74	32.36	8.35	0.00	-40.71
3	11600.00	50.4 AV	54.00	-3.60	1.53H	106	32.80	39.88	11.97	34.27	-17.59
4	11600.00	60.4 PK	74.00	-13.60	1.53H	106	42.80	39.88	11.97	34.27	-17.59.

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	*5800.00	81.5 PK			1.27V	28	40.74	32.36	8.35	0.00	-40.71
2	*5800.00	71.9 AV			1.27V	28	31.20	32.36	8.35	0.00	-40.71
3	11600.00	58.8 PK	74.00	-15.20	1.05V	2	41.20	39.88	11.97	34.27	-17.59
4	11600.00	49.1 AV	54.00	-4.90	1.05V	2	31.50	39.88	11.97	34.27	-17.59

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

4.2.10 TEST RESULTS (A) (RECEIVING)

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
FREQUENCY RANGE	30-1000 MHz	**DETECTOR FUNCTION**	Quasi-Peak
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	160.00	30.3 QP	43.50	-13.20	1.26H	115	17.85	9.62	2.85	0.00	-12.47
2	256.00	30.1 QP	46.00	-15.90	1.18H	104	13.20	12.56	4.33	0.00	-16.89
3	288.00	34.9 QP	46.00	-11.10	1.26H	3	17.17	12.88	4.81	0.00	-17.70
4	320.00	29.4 QP	46.00	-16.60	1.49H	298	10.58	13.62	5.24	0.00	-18.87
5	352.00	32.3 QP	46.00	-13.70	1.40H	182	12.32	14.31	5.68	0.00	-19.99
6	384.00	23.5 QP	46.00	-22.50	1.66H	37	1.92	15.50	6.06	0.00	-21.57
7	512.00	28.6 QP	46.00	-17.40	1.52H	85	3.58	17.42	7.63	0.00	-25.06
8	544.00	29.6 QP	46.00	-16.40	1.47H	166	3.70	17.86	8.04	0.00	-25.91
9	576.00	29.1 QP	46.00	-16.90	1.38H	270	2.51	18.28	8.31	0.00	-26.60
10	608.00	34.0 QP	46.00	-12.00	1.66H	314	6.69	18.70	8.58	0.00	-27.29
11	736.00	33.8 QP	46.00	-12.20	1.55H	151	3.86	19.93	10.05	0.00	-29.98
12	800.00	36.8 QP	46.00	-9.20	1.24H	34	6.30	20.69	9.82	0.00	-30.50.

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
FREQUENCY RANGE	30-1000 MHz	**DETECTOR FUNCTION**	Quasi-Peak
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
TESTED BY	Bunny Yao		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	160.00	20.0 QP	43.50	-23.50	1.38V	115	7.53	9.62	2.85	0.00	-12.47
2	224.00	22.3 QP	46.00	-23.70	1.32V	41	7.98	10.41	3.92	0.00	-14.32
3	256.00	24.9 QP	46.00	-21.10	1.57V	66	8.00	12.56	4.33	0.00	-16.89
4	288.00	24.2 QP	46.00	-21.80	1.73V	157	6.50	12.88	4.81	0.00	-17.70
5	352.00	29.8 QP	46.00	-16.20	1.45V	177	9.85	14.31	5.68	0.00	-19.99
6	384.00	26.9 QP	46.00	-19.10	1.45V	113	5.31	15.50	6.06	0.00	-21.56
7	512.00	30.1 QP	46.00	-15.90	1.63V	23	5.10	17.42	7.63	0.00	-25.06
8	608.00	30.1 QP	46.00	-15.90	1.63V	222	2.87	18.70	8.58	0.00	-27.28
9	736.00	36.8 QP	46.00	-9.20	1.44V	28	6.82	19.93	10.05	0.00	-29.99
10	800.00	34.5 QP	46.00	-11.50	1.55V	101	4.00	20.69	9.82	0.00	-30.50

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	1
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4144.00	29.7 AV	54.00	-24.30	1.13H	329	27.06	30.50	6.70	34.56	-2.64
2	4144.00	40.1 PK	74.00	-33.90	1.13H	329	37.48	30.50	6.70	34.56	-2.64

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4144.00	39.6 PK	74.00	-34.40	1.22V	156	37.00	30.50	6.70	34.56	-2.64
2	4144.00	30.1 AV	54.00	-23.90	1.22V	156	27.43	30.50	6.70	34.56	-2.64

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4192.00	40.5 PK	74.00	-33.50	1.45H	87	37.84	30.56	6.68	34.58	-2.66
2	4192.00	30.0 AV	54.00	-24.00	1.45H	87	27.36	30.56	6.68	34.58	-2.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4192.00	31.3 AV	54.00	-22.70	1.32V	125	28.59	30.56	6.68	34.58	-2.66
2	4192.00	41.5 PK	74.00	-32.50	1.32V	125	38.86	30.56	6.68	34.58	-2.66

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	5
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4208.00	29.9 AV	54.00	-24.10	1.19H	95	27.26	30.56	6.68	34.58	-2.66
2	4208.00	39.8 PK	74.00	-34.20	1.19H	95	37.18	30.56	6.68	34.58	-2.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4208.00	41.0 PK	74.00	-33.00	1.42V	9	38.36	30.56	6.68	34.58	-2.66
2	4208.00	30.2 AV	54.00	-23.80	1.42V	9	27.49	30.56	6.68	34.58	-2.66

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	8
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4256.00	41.7 PK	74.00	-32.30	1.40H	187	38.86	30.68	6.75	34.61	-2.82
2	4256.00	31.6 AV	54.00	-22.40	1.40H	187	28.80	30.68	6.75	34.61	-2.82

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4256.00	29.7 AV	54.00	-24.30	1.61V	69	26.88	30.68	6.75	34.61	-2.82
2	4256.00	40.2 PK	74.00	-33.80	1.61V	69	37.42	30.68	6.75	34.61	-2.82

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	9
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4596.00	42.6 PK	74.00	-31.40	1.43H	224	38.46	31.18	7.64	34.68	-4.14
2	4596.00	31.9 AV	54.00	-22.10	1.43H	224	27.78	31.18	7.64	34.68	-4.14

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4596.00	32.0 AV	54.00	-22.00	1.23V	142	27.90	31.18	7.64	34.68	-4.14
2	4596.00	41.6 PK	74.00	-32.40	1.23V	142	37.49	31.18	7.64	34.68	-4.14

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	12
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4644.00	32.2 AV	54.00	-21.80	1.53H	175	28.08	31.25	7.54	34.67	-4.12
2	4644.00	42.0 PK	74.00	-32.00	1.53H	175	37.86	31.25	7.54	34.67	-4.12

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4644.00	33.0 AV	54.00	-21.00	1.09V	134	28.88	31.25	7.54	34.67	-4.12
2	4644.00	42.9 PK	74.00	-31.10	1.09V	134	38.76	31.25	7.54	34.67	-4.12

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	1
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4168.00	41.1 PK	74.00	-32.90	1.50H	204	38.40	30.56	6.68	34.58	-2.66
2	4168.00	30.9 AV	54.00	-23.10	1.50H	204	28.21	30.56	6.68	34.58	-2.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4168.00	30.2 AV	54.00	-23.80	1.32V	142	27.58	30.56	6.68	34.58	-2.66
2	4168.00	40.7 PK	74.00	-33.30	1.32V	142	38.00	30.56	6.68	34.58	-2.66

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	2
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4200.00	31.1 AV	54.00	-22.90	1.26H	276	28.40	30.56	6.68	34.58	-2.66
2	4200.00	40.7 PK	74.00	-33.30	1.26H	276	38.00	30.56	6.68	34.58	-2.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4200.00	40.4 PK	74.00	-33.60	1.02V	194	37.74	30.56	6.68	34.58	-2.66
2	4200.00	30.5 AV	54.00	-23.50	1.02V	194	27.86	30.56	6.68	34.58	-2.66

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	3
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4232.00	30.8 AV	54.00	-23.20	1.49H	185	28.07	30.62	6.70	34.59	-2.73
2	4232.00	41.3 PK	74.00	-32.70	1.49H	185	38.59	30.62	6.70	34.59	-2.73

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4232.00	30.9 AV	54.00	-23.10	1.34V	262	28.15	30.62	6.70	34.59	-2.73
2	4232.00	40.7 PK	74.00	-33.30	1.34V	262	37.94	30.62	6.70	34.59	-2.73

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4608.00	42.0 PK	74.00	-32.00	1.35H	147	37.82	31.18	7.64	34.68	-4.14
2	4608.00	31.5 AV	54.00	-22.50	1.35H	147	27.36	31.18	7.64	34.68	-4.14

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4608.00	31.1 AV	54.00	-22.90	1.08V	80	26.93	31.18	7.64	34.68	-4.14
2	4608.00	41.6 PK	74.00	-32.40	1.08V	80	37.41	31.18	7.64	34.68	-4.14

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	5
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4608.00	31.9 AV	54.00	-22.10	1.24H	225	27.73	31.18	7.64	34.68	-4.14
2	4608.00	42.4 PK	74.00	-31.60	1.24H	225	38.26	31.18	7.64	34.68	-4.14

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4608.00	42.9 PK	74.00	-31.10	1.24V	134	38.80	31.18	7.64	34.68	-4.14
2	4608.00	32.6 AV	54.00	-21.40	1.24V	134	28.50	31.18	7.64	34.68	-4.14

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

4.2.11 TEST RESULTS (B) (RECEIVING)

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
FREQUENCY RANGE	30-1000 MHz	**DETECTOR FUNCTION**	Quasi-Peak
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	160.00	24.3 QP	43.50	-19.20	1.30H	77	11.83	9.62	2.85	0.00	-12.47
2	224.00	28.9 QP	46.00	-17.10	1.48H	10	14.58	10.41	3.92	0.00	-14.32
3	288.00	31.8 QP	46.00	-14.20	1.28H	110	14.07	12.88	4.81	0.00	-17.70
4	320.00	27.8 QP	46.00	-18.20	1.51H	102	8.88	13.62	5.24	0.00	-18.87
5	384.00	23.9 QP	46.00	-22.10	1.65H	20	2.33	15.50	6.06	0.00	-21.57
6	480.00	27.9 QP	46.00	-18.10	1.28H	115	3.65	16.92	7.30	0.00	-24.21
7	512.00	29.8 QP	46.00	-16.20	1.61H	9	4.75	17.42	7.63	0.00	-25.05
8	544.00	30.5 QP	46.00	-15.50	1.39H	23	4.60	17.86	8.04	0.00	-25.90
9	608.00	31.5 QP	46.00	-14.50	1.49H	137	4.22	18.70	8.58	0.00	-27.28
10	672.00	30.8 QP	46.00	-15.20	1.36H	121	2.15	19.27	9.39	0.00	-28.65
11	736.00	38.1 QP	46.00	-7.90	1.09H	94	8.12	19.93	10.05	0.00	-29.98
12	800.00	34.5 QP	46.00	-11.50	1.57H	8	4.00	20.69	9.82	0.00	-30.51

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
FREQUENCY RANGE	30-1000 MHz	**DETECTOR FUNCTION**	Quasi-Peak
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
TESTED BY	Bunny Yao		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	224.00	24.3 QP	46.00	-21.70	1.19V	174	9.98	10.41	3.92	0.00	-14.32
2	256.00	23.8 QP	46.00	-22.20	1.27V	252	6.91	12.56	4.33	0.00	-16.89
3	288.00	23.4 QP	46.00	-22.60	1.46V	220	5.70	12.88	4.81	0.00	-17.70
4	320.00	26.8 QP	46.00	-19.20	1.39V	152	7.93	13.62	5.24	0.00	-18.87
5	352.00	29.8 QP	46.00	-16.20	1.47V	68	9.81	14.31	5.68	0.00	-20.00
6	384.00	27.3 QP	46.00	-18.70	1.15V	80	5.74	15.50	6.06	0.00	-21.57
7	480.00	25.0 QP	46.00	-21.00	1.46V	281	0.79	16.92	7.30	0.00	-24.21
8	608.00	26.3 QP	46.00	-19.70	1.27V	262	-0.98	18.70	8.58	0.00	-27.28
9	736.00	32.5 QP	46.00	-13.50	1.38V	179	2.52	19.93	10.05	0.00	-29.98
10	800.00	30.6 QP	46.00	-15.40	1.38V	107	0.07	20.69	9.82	0.00	-30.51

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	1
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4144.00	41.6 PK	74.00	-32.40	1.30H	100	39.00	30.50	6.70	34.56	-2.64
2	4144.00	31.1 AV	54.00	-22.90	1.30H	100	28.42	30.50	6.70	34.56	-2.64

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4144.00	30.3 AV	54.00	-23.70	1.13V	69	27.67	30.50	6.70	34.56	-2.64
2	4144.00	39.9 PK	74.00	-34.10	1.13V	69	37.28	30.50	6.70	34.56	-2.64

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4192.00	31.8 AV	54.00	-22.20	1.36H	66	29.10	30.56	6.68	34.58	-2.66
2	4192.00	41.4 PK	74.00	-32.60	1.36H	66	38.76	30.56	6.68	34.58	-2.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4192.00	31.0 AV	54.00	-23.00	1.57V	16	28.36	30.56	6.68	34.58	-2.66
2	4192.00	40.8 PK	74.00	-33.20	1.57V	16	38.10	30.56	6.68	34.58	-2.66

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	5
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4208.00	30.0 AV	54.00	-24.00	1.22H	99	27.38	30.56	6.68	34.58	-2.66
2	4208.00	40.0 PK	74.00	-34.00	1.22H	99	37.30	30.56	6.68	34.58	-2.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4208.00	30.0 AV	54.00	-24.00	1.22H	99	27.38	30.56	6.68	34.58	-2.66
2	4208.00	40.0 PK	74.00	-34.00	1.22H	99	37.30	30.56	6.68	34.58	-2.66

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	8
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4256.00	30.6 AV	54.00	-23.40	1.31H	297	27.82	30.68	6.75	34.61	-2.82
2	4256.00	40.5 PK	74.00	-33.50	1.31H	297	37.63	30.68	6.75	34.61	-2.82

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4256.00	31.1 AV	54.00	-22.90	1.44V	181	28.24	30.68	6.75	34.61	-2.82
2	4256.00	40.8 PK	74.00	-33.20	1.44V	181	38.00	30.68	6.75	34.61	-2.82

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	9
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4596.00	42.6 PK	74.00	-31.40	1.16H	210	38.41	31.18	7.64	34.68	-4.14
2	4596.00	32.2 AV	54.00	-21.80	1.16H	210	28.09	31.18	7.64	34.68	-4.14

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4596.00	33.0 AV	54.00	-21.00	1.05V	279	28.90	31.18	7.64	34.68	-4.14
2	4596.00	43.2 PK	74.00	-30.80	1.05V	279	39.04	31.18	7.64	34.68	-4.14

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	12
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4644.00	31.0 AV	54.00	-23.00	1.53H	60	26.86	31.25	7.54	34.67	-4.12
2	4644.00	41.1 PK	74.00	-32.90	1.53H	60	37.00	31.25	7.54	34.67	-4.12

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4644.00	41.5 PK	74.00	-32.50	1.22V	200	37.37	31.25	7.54	34.67	-4.12
2	4644.00	31.4 AV	54.00	-22.60	1.22V	200	27.29	31.25	7.54	34.67	-4.12

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	1
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4168.00	39.5 PK	74.00	-34.50	1.48H	131	36.84	30.56	6.68	34.58	-2.66
2	4168.00	29.5 AV	54.00	-24.50	1.48H	131	26.87	30.56	6.68	34.58	-2.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4168.00	29.6 AV	54.00	-24.40	1.30V	30	26.89	30.56	6.68	34.58	-2.66
2	4168.00	40.3 PK	74.00	-33.70	1.30V	30	37.59	30.56	6.68	34.58	-2.66

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	2
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4200.00	40.7 PK	74.00	-33.30	1.24H	232	38.04	30.56	6.68	34.58	-2.66
2	4200.00	30.1 AV	54.00	-23.90	1.24H	232	27.43	30.56	6.68	34.58	-2.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4200.00	30.7 AV	54.00	-23.30	1.62V	75	28.00	30.56	6.68	34.58	-2.66
2	4200.00	40.8 PK	74.00	-33.20	1.62V	75	38.17	30.56	6.68	34.58	-2.66

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	3
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4232.00	41.4 PK	74.00	-32.60	1.32H	262	38.70	30.62	6.70	34.59	-2.73
2	4232.00	30.6 AV	54.00	-23.40	1.32H	262	27.90	30.62	6.70	34.59	-2.73

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4232.00	29.6 AV	54.00	-24.40	1.48V	326	26.84	30.62	6.70	34.59	-2.73
2	4232.00	40.1 PK	74.00	-33.90	1.48V	326	37.40	30.62	6.70	34.59	-2.73

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4608.00	31.1 AV	54.00	-22.90	1.35H	229	27.00	31.18	7.64	34.68	-4.14
2	4608.00	51.0 PK	74.00	-23.00	1.35H	229	46.90	31.18	7.64	34.68	-4.14

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4608.00	32.6 AV	54.00	-21.40	1.16V	278	28.46	31.18	7.64	34.68	-4.14
2	4608.00	42.3 PK	74.00	-31.70	1.16V	278	38.20	31.18	7.64	34.68	-4.14

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	5
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4640.00	32.1 AV	54.00	-21.90	1.18H	133	28.00	31.25	7.54	34.67	-4.12
2	4640.00	42.9 PK	74.00	-31.10	1.18H	133	38.74	31.25	7.54	34.67	-4.12

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4640.00	31.5 AV	54.00	-22.50	1.65V	64	27.39	31.25	7.54	34.67	-4.12
2	4640.00	41.8 PK	74.00	-32.20	1.65V	64	37.64	31.25	7.54	34.67	-4.12

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency

4.2.12 TEST RESULTS (C) (RECEIVING)

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
FREQUENCY RANGE	30-1000 MHz	**DETECTOR FUNCTION**	Quasi-Peak
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	224.00	26.3 QP	46.00	-19.70	1.36H	220	11.98	10.41	3.92	0.00	-14.32
2	256.00	34.8 QP	46.00	-11.20	1.35H	168	17.91	12.56	4.33	0.00	-16.89
3	352.00	31.7 QP	46.00	-14.30	1.43H	33	11.71	14.31	5.68	0.00	-20.00
4	384.00	30.7 QP	46.00	-15.30	1.48H	129	9.14	15.50	6.06	0.00	-21.57
5	480.00	28.6 QP	46.00	-17.40	1.56H	221	4.39	16.92	7.30	0.00	-24.22
6	544.00	29.0 QP	46.00	-17.00	1.37H	15	3.10	17.86	8.04	0.00	-25.90
7	576.00	29.3 QP	46.00	-16.70	1.56H	3	2.71	18.28	8.31	0.00	-26.60
8	608.00	27.6 QP	46.00	-18.40	1.52H	169	0.32	18.70	8.58	0.00	-27.29
9	736.00	37.9 QP	46.00	-8.10	1.46H	86	7.92	19.93	10.05	0.00	-29.99
10	768.00	35.2 QP	46.00	-10.80	1.40H	26	4.79	20.36	10.05	0.00	-30.42
11	800.00	35.3 QP	46.00	-10.70	1.45H	246	4.80	20.69	9.82	0.00	-30.51

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
FREQUENCY RANGE	30-1000 MHz	**DETECTOR FUNCTION**	Quasi-Peak
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
TESTED BY	Bunny Yao		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	224.00	27.6 QP	46.00	-18.40	1.20V	110	13.24	10.41	3.92	0.00	-14.32
2	256.00	22.6 QP	46.00	-23.40	1.52V	229	5.67	12.56	4.33	0.00	-16.89
3	288.00	26.5 QP	46.00	-19.50	1.72V	3	8.80	12.88	4.81	0.00	-17.70
4	320.00	27.1 QP	46.00	-18.90	1.44V	311	8.23	13.62	5.24	0.00	-18.87
5	384.00	30.0 QP	46.00	-16.00	1.66V	124	8.44	15.50	6.06	0.00	-21.56
6	480.00	28.4 QP	46.00	-17.60	1.50V	58	4.19	16.92	7.30	0.00	-24.22
7	544.00	25.3 QP	46.00	-20.70	1.31V	179	-0.60	17.86	8.04	0.00	-25.90
8	608.00	24.3 QP	46.00	-21.70	1.39V	77	-2.98	18.70	8.58	0.00	-27.28
9	736.00	35.2 QP	46.00	-10.80	1.37V	194	5.18	19.93	10.05	0.00	-29.98
10	768.00	31.3 QP	46.00	-14.70	1.34V	38	0.89	20.36	10.05	0.00	-30.42
11	800.00	33.4 QP	46.00	-12.60	1.27V	8	2.90	20.69	9.82	0.00	-30.50

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	1
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4144.00	39.0 PK	74.00	-35.00	1.59H	157	36.36	30.50	6.70	34.56	-2.64
2	4144.00	29.6 AV	54.00	-24.40	1.59H	157	27.00	30.50	6.70	34.56	-2.64

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4144.00	30.2 AV	54.00	-23.80	1.18V	76	27.59	30.50	6.70	34.56	-2.64
2	4144.00	41.5 PK	74.00	-32.50	1.18V	76	38.84	30.50	6.70	34.56	-2.64

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4192.00	30.1 AV	54.00	-23.90	1.26H	136	27.46	30.56	6.68	34.58	-2.66
2	4192.00	39.9 PK	74.00	-34.10	1.26H	136	37.25	30.56	6.68	34.58	-2.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4192.00	41.0 PK	74.00	-33.00	1.43V	6	38.30	30.56	6.68	34.58	-2.66
2	4192.00	31.2 AV	54.00	-22.80	1.43V	6	28.55	30.56	6.68	34.58	-2.66

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	5
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4208.00	31.2 AV	54.00	-22.80	1.39H	157	28.56	30.56	6.68	34.58	-2.66
2	4208.00	41.6 PK	74.00	-32.40	1.39H	157	38.98	30.56	6.68	34.58	-2.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4208.00	39.5 PK	74.00	-34.50	1.19V	99	36.88	30.56	6.68	34.58	-2.66
2	4208.00	29.7 AV	54.00	-24.30	1.19V	99	26.99	30.56	6.68	34.58	-2.66

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	8
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4256.00	50.2 PK	74.00	-23.80	1.56H	166	47.38	30.68	6.75	34.61	-2.82
2	4256.00	30.3 AV	54.00	-23.70	1.56H	166	27.47	30.68	6.75	34.61	-2.82

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4256.00	29.4 AV	54.00	-24.60	1.42V	102	26.56	30.68	6.75	34.61	-2.82
2	4256.00	49.5 PK	74.00	-24.50	1.42V	102	46.70	30.68	6.75	34.61	-2.82

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	9
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4596.00	31.5 AV	54.00	-22.50	1.41H	106	27.36	31.18	7.64	34.68	-4.14
2	4596.00	41.4 PK	74.00	-32.60	1.41H	106	37.30	31.18	7.64	34.68	-4.14

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4596.00	42.3 PK	74.00	-31.70	1.30V	180	38.11	31.18	7.64	34.68	-4.14
2	4596.00	32.9 AV	54.00	-21.10	1.30V	180	28.80	31.18	7.64	34.68	-4.14

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal Mode	**CHANNEL**	12
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4644.00	31.5 AV	54.00	-22.50	1.55H	145	27.36	31.25	7.54	34.67	-4.12
2	4644.00	43.5 PK	74.00	-30.50	1.55H	145	39.40	31.25	7.54	34.67	-4.12

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4644.00	41.0 PK	74.00	-33.00	1.38V	198	36.84	31.25	7.54	34.67	-4.12
2	4644.00	30.9 AV	54.00	-23.10	1.38V	198	26.78	31.25	7.54	34.67	-4.12

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	1
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4168.00	41.1 PK	74.00	-32.90	1.57H	89	38.45	30.56	6.68	34.58	-2.66
2	4168.00	30.6 AV	54.00	-23.40	1.57H	89	27.89	30.56	6.68	34.58	-2.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4168.00	41.1 PK	74.00	-32.90	1.65V	271	38.40	30.56	6.68	34.58	-2.66
2	4168.00	30.8 AV	54.00	-23.20	1.65V	271	28.10	30.56	6.68	34.58	-2.66

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	2
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4200.00	40.9 PK	74.00	-33.10	1.77H	162	38.20	30.56	6.68	34.58	-2.66
2	4200.00	29.7 AV	54.00	-24.30	1.77H	162	27.00	30.56	6.68	34.58	-2.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4200.00	29.4 AV	54.00	-24.60	1.57V	255	26.74	30.56	6.68	34.58	-2.66
2	4200.00	40.5 PK	74.00	-33.50	1.57V	255	37.80	30.56	6.68	34.58	-2.66

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	3
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4232.00	41.2 PK	74.00	-32.80	1.06H	88	38.42	30.62	6.70	34.59	-2.73
2	4232.00	32.7 AV	54.00	-21.30	1.06H	88	30.00	30.62	6.70	34.59	-2.73

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4232.00	40.7 PK	74.00	-33.30	1.39V	57	38.00	30.62	6.70	34.59	-2.73
2	4232.00	30.3 AV	54.00	-23.70	1.39V	57	27.56	30.62	6.70	34.59	-2.73

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4608.00	41.0 PK	74.00	-33.00	1.33H	212	36.90	31.18	7.64	34.68	-4.14
2	4608.00	31.0 AV	54.00	-23.00	1.33H	212	26.87	31.18	7.64	34.68	-4.14

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4608.00	32.5 AV	54.00	-21.50	1.17V	343	28.40	31.18	7.64	34.68	-4.14
2	4608.00	41.7 PK	74.00	-32.30	1.17V	343	37.59	31.18	7.64	34.68	-4.14

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo Mode	**CHANNEL**	5
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	35 deg. C, 70%RH, 1050 hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Bunny Yao		

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)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4640.00	32.0 AV	54.00	-22.00	1.01H	292	27.86	31.25	7.54	34.67	-4.12
2	4640.00	41.4 PK	74.00	-32.60	1.01H	292	37.26	31.25	7.54	34.67	-4.12

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)	Cable Factor (dB)	Pre-Amp. Factor (dB)	Correction Factor (dB)
1	4640.00	31.5 AV	54.00	-22.50	1.29V	325	27.40	31.25	7.54	34.67	-4.12
2	4640.00	41.6 PK	74.00	-32.40	1.29V	325	37.49	31.25	7.54	34.67	-4.12

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
   (Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency

4.3 PEAK TRANSMIT POWER MEASUREMENT

4.3.1 LIMITS OF PEAK TRANSMIT POWER MEASUREMENT

Frequency Band	Limit
5.15 – 5.25 GHz	The lesser of 50mW (17dBm) or 4dBm + 10logB
5.25 – 5.35 GHz	The lesser of 250mW (24dBm) or 11dBm + 10logB
5.725 – 5.825 GHz	The lesser of 1W (30dBm) or 17dBm + 10logB

Note: Where B is the 26 dB emission bandwidth in MHz.

4.3.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
ROHDE&SCHWARZ SINGLE CHANNEL POWER METER	NRVS	100026	Mar. 21, 2003
ROHDE&SCHWARZ PEAK POWER METER CHANNEL POWER METER	NRV-Z32	100013	Mar. 21, 2003

NOTE:

1. The measurement uncertainty is less than +/- 2.6dB, which is calculated as per the NAMAS document NIS81.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

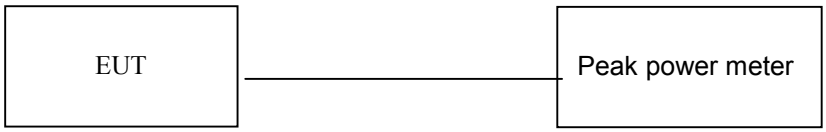
4.3.3 TEST PROCEDURE

The transmitter output was connected to the peak power senser.

4.3.4 DEVIATION FROM TEST STANDARD

No deviation

4.3.5 TEST SETUP



4.3.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.

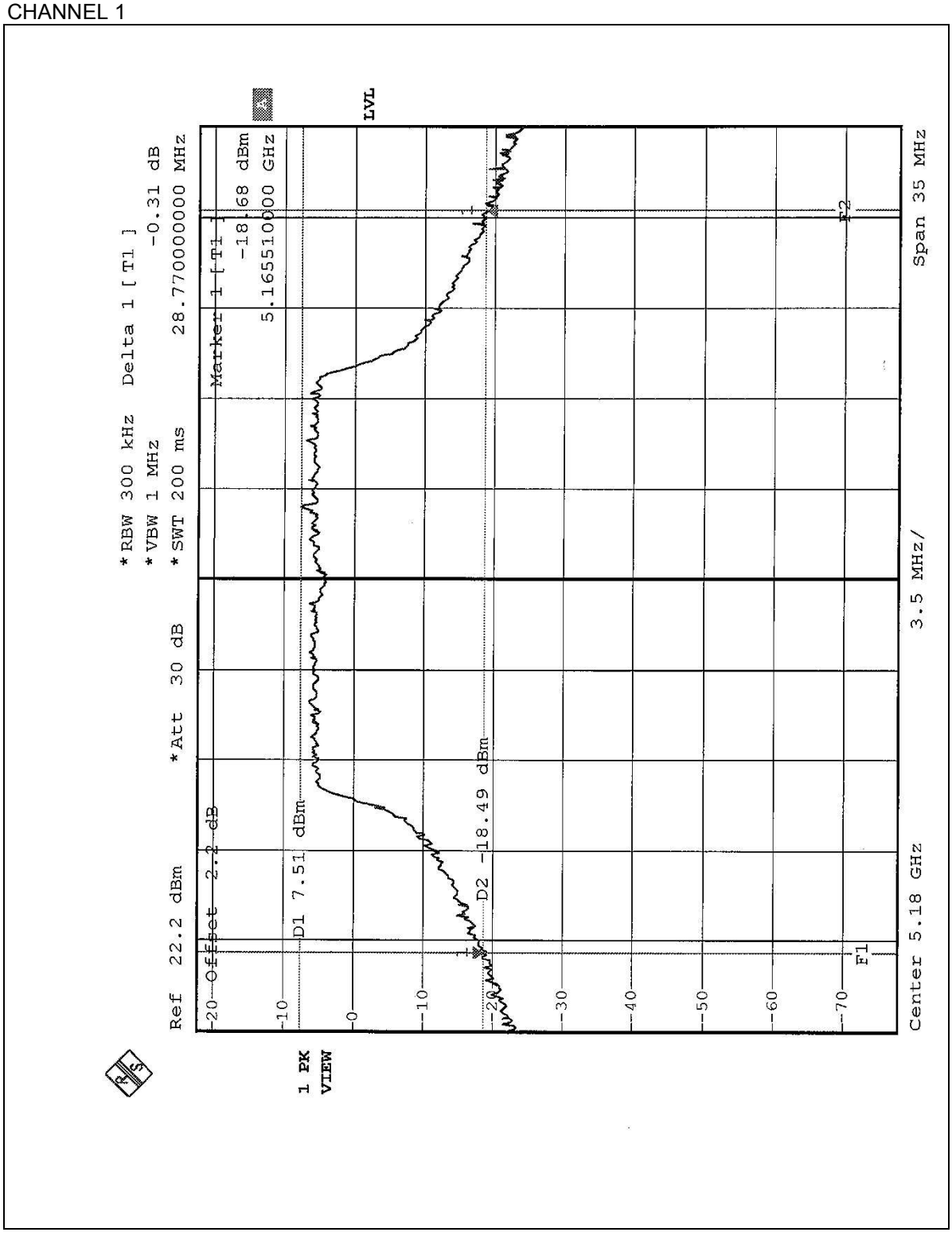
4.3.7 TEST RESULTS

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Normal	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	29 deg. C, 54%RH, 1005 hPa	**TESTED BY**	Steven Lu

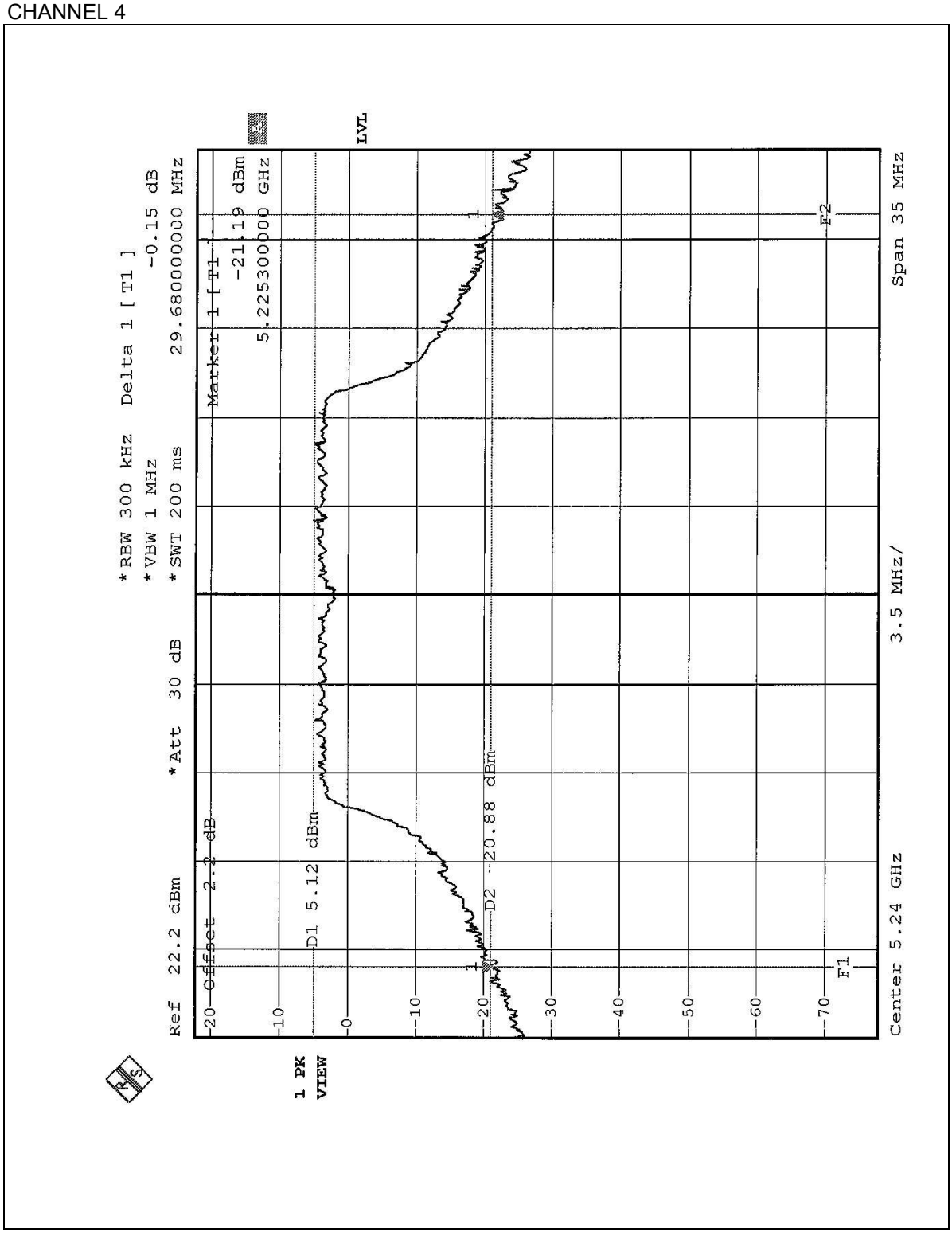
CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	26dBc Occupied Bandwidth (MHz)	PASS/FAIL
1	5180	15.09	17.00	28.77	PASS
4	5240	13.97	17.00	29.68	PASS
5	5260	15.38	24.00	30.52	PASS
8	5320	15.76	24.00	30.03	PASS
9	5745	13.45	30.00	29.96	PASS
12	5805	10.54	30.00	29.75	PASS

NOTE: The 26dBc Occupied Bandwidth plot, please refer to next 6 pages.

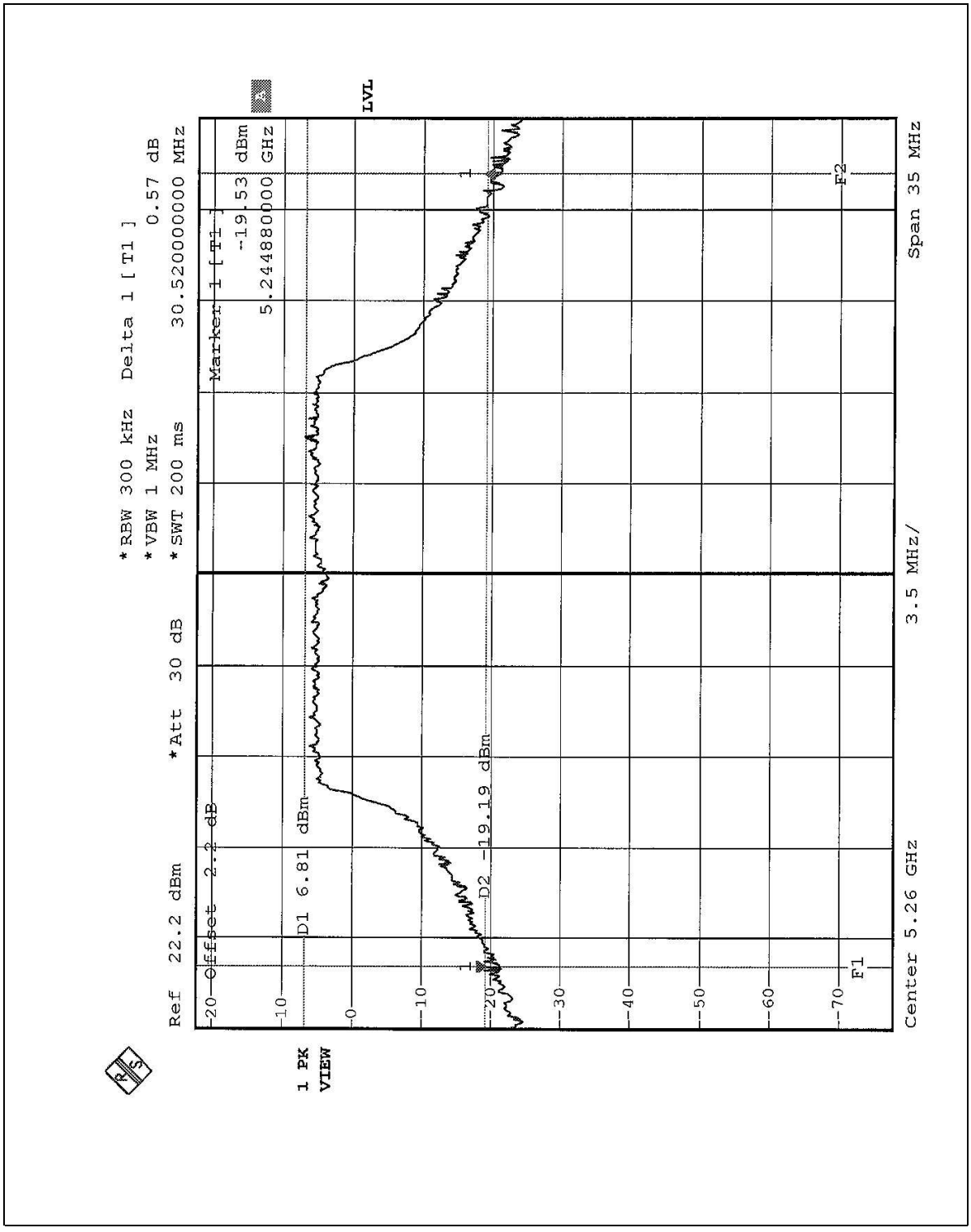
CHANNEL 1


Ref 22.2 dBm
Offset 2.2 dB
*Att 30 dB
*SWT 200 ms
*VBW 1 MHz
*RBW 300 kHz
Delta 1 [T1]
-0.31 dB
28.770000000 MHz
Marker 1 [T1]
-18.68 dBm
5.165510000 GHz
D1 7.51 dBm
D2 -18.49 dBm
LVL
1 PK
VIEW
Center 5.18 GHz
3.5 MHz/
Span 35 MHz
F1
F2

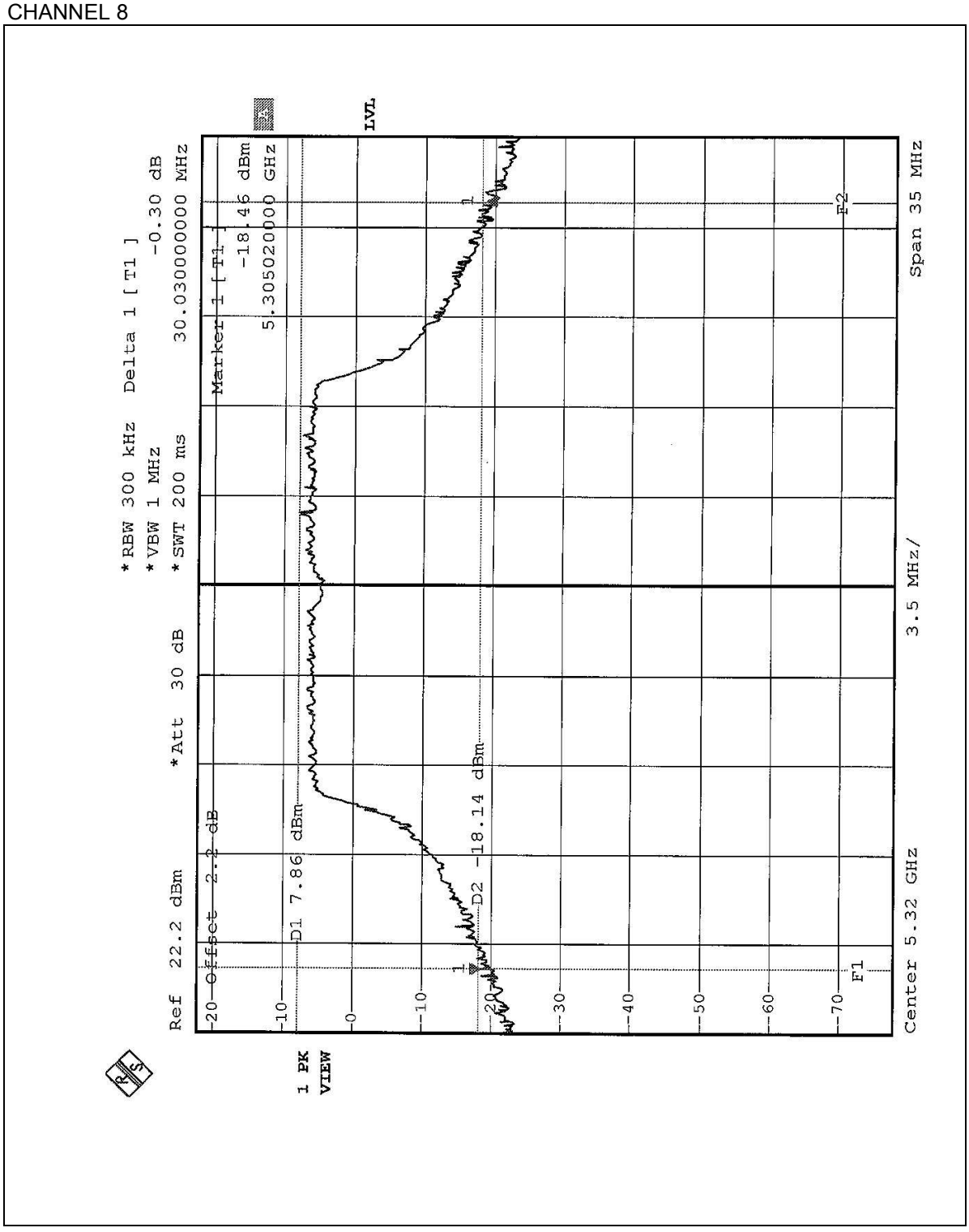
CHANNEL 4


RBW 300 kHz
VBW 1 MHz
SWT 200 ms
Delta 1 [T1]
-0.15 dB
29.680000000 MHz
Marker 1 [T1]
-21.19 dBm
5.225300000 GHz
Ref 22.2 dBm
Offset 2.2 dB
Att 30 dB
D1 5.12 dBm
D2 -20.88 dBm
Center 5.24 GHz
3.5 MHz/
Span 35 MHz
1 PK
VIEW
LVL

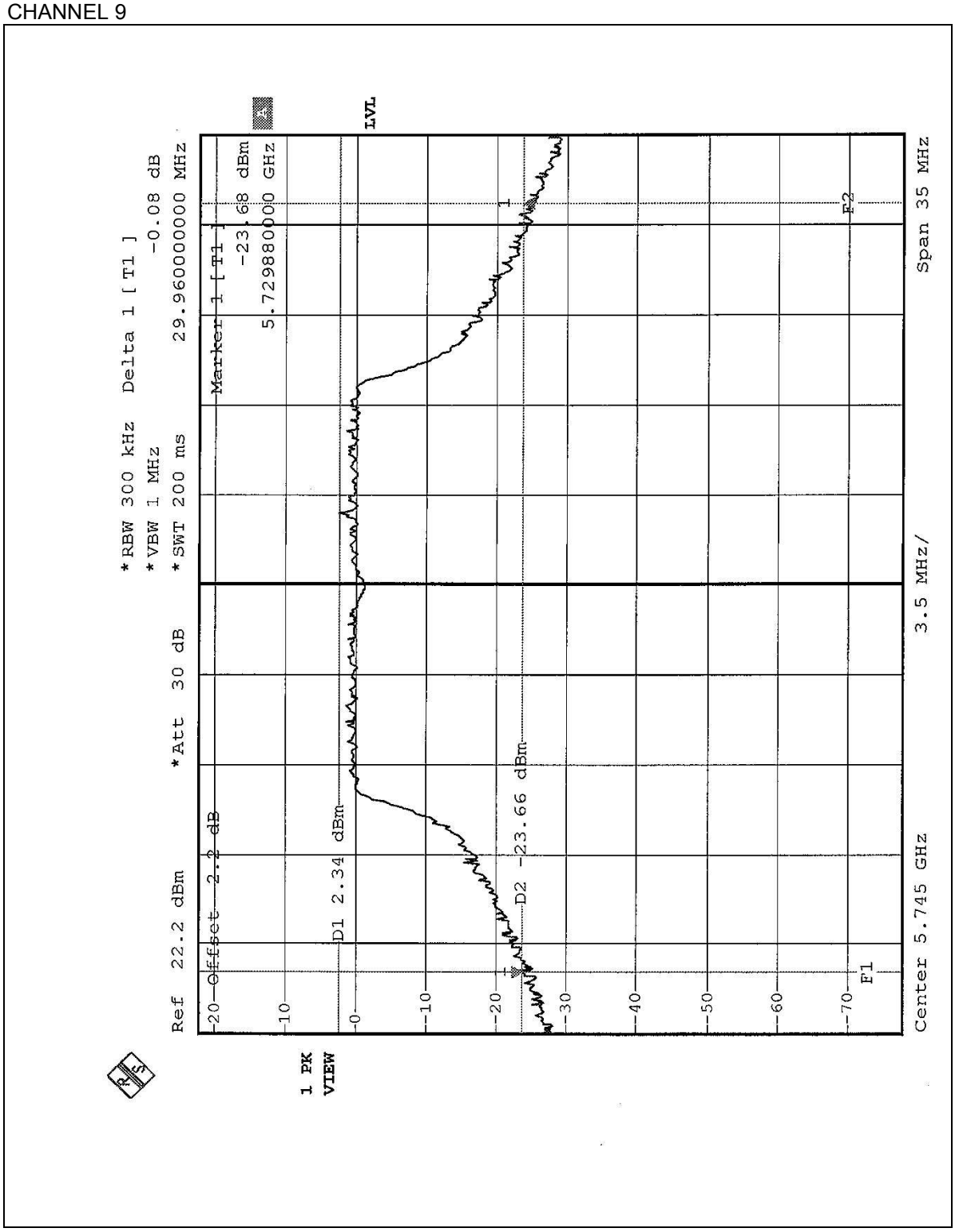
CHANNEL 5


RBW 300 kHz
VBW 1 MHz
SWT 200 ms
Delta 1 [T1]
0.57 dB
30.520000000 MHz
Marker 1 [T1]
-19.53 dBm
5.244880000 GHz
Ref 22.2 dBm
Offset 2.2 dB
Att 30 dB
LVL
D1 6.81 dBm
D2 -19.19 dBm
Center 5.26 GHz
3.5 MHz/
Span 35 MHz
1 PK
VIEW

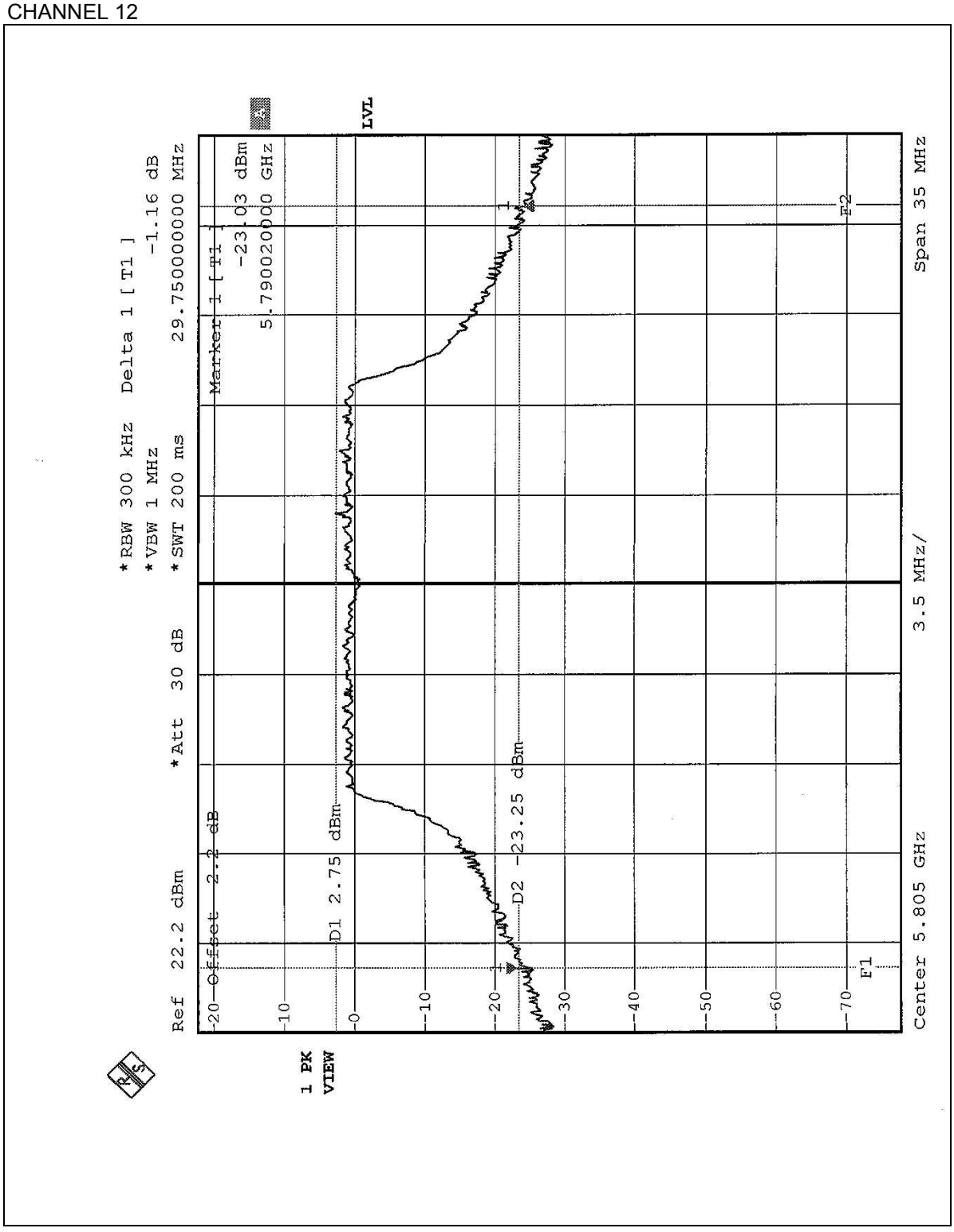
CHANNEL 8


*RBW 300 kHz
*VBW 1 MHz
*SWT 200 ms
Delta 1 [T1]
-0.30 dB
30.03000000 MHz
*Att 30 dB
Marker 1 [T1]
-18.46 dBm
5.30502000 GHz
Ref 22.2 dBm
Offset 2.2 dB
D1 7.86 dBm
D2 -18.14 dBm
LVL
1 PK
VIEW
Center 5.32 GHz
3.5 MHz/
Span 35 MHz
F1
F2

CHANNEL 9


*RBW 300 kHz
*VBW 1 MHz
*SWT 200 ms
Delta 1 [T1]
-0.08 dB
29.960000000 MHz
Marker 1 [T1]
-23.68 dBm
5.729880000 GHz
Ref 22.2 dBm
Offset 2.2 dB
*Att 30 dB
LVL
D1 2.34 dBm
D2 -23.66 dBm
1 PK
VIEW
Center 5.745 GHz
3.5 MHz/
Span 35 MHz
F1
F2

CHANNEL 12

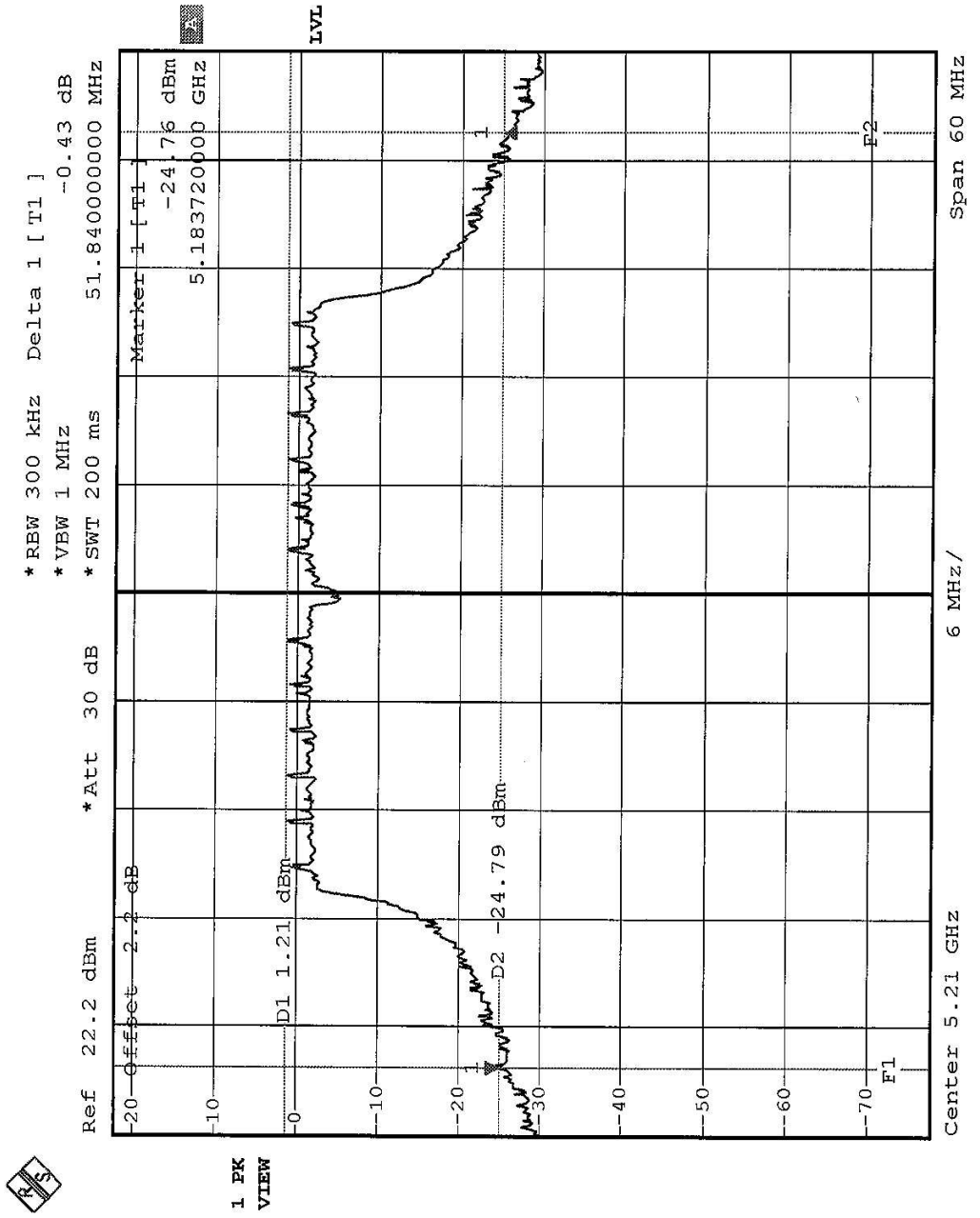

RBW 300 kHz
VBW 1 MHz
SWT 200 ms
Delta 1 [T1]
-1.16 dB
29.750000000 MHz
Marker 1 [T1]
-23.03 dBm
5.790020000 GHz
Ref 22.2 dBm
Offset 2.2 dB
Att 30 dB
D1 2.75 dBm
D2 -23.25 dBm
1 PK
VIEW
Center 5.805 GHz
3.5 MHz/
Span 35 MHz

EUT	Wireless 54Mbps MiniPCI Card	**MODEL**	GL5054MP-AA0
MODE	Turbo	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	29 deg. C, 54%RH, 1005 hPa	**TESTED BY**	Steven Lu

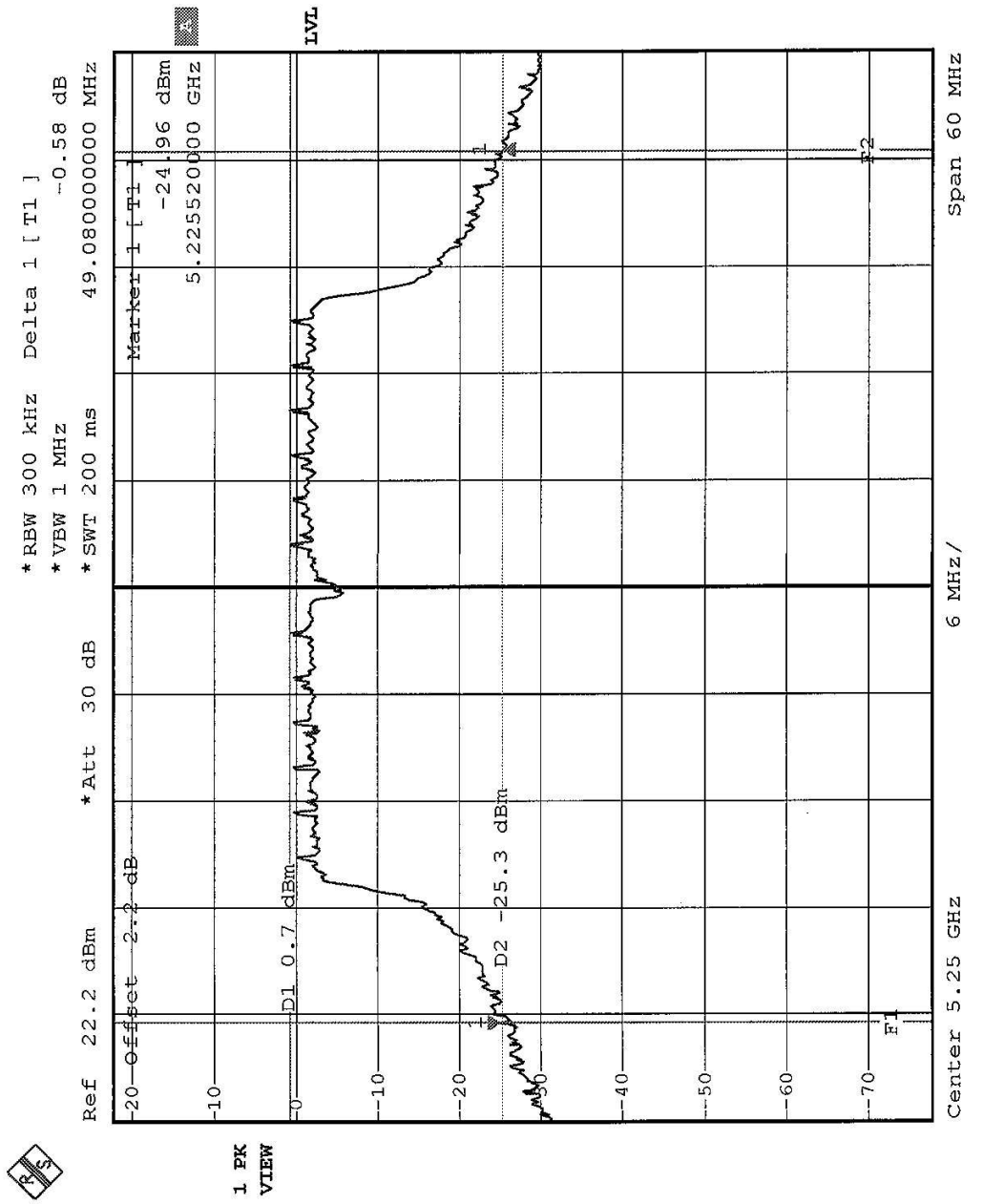
CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	26dBc Occupied Bandwidth (MHz)	PASS/FAIL
1	5210	12.13	17.00	51.84	PASS
2	5250	12.24	17.00	49.08	PASS
3	5290	13.29	24.00	49.44	PASS
4	5760	11.34	30.00	53.16	PASS
5	5800	11.67	30.00	53.16	PASS

NOTE: The 26dBc Occupied Bandwidth plot, please refer to next 5 pages.

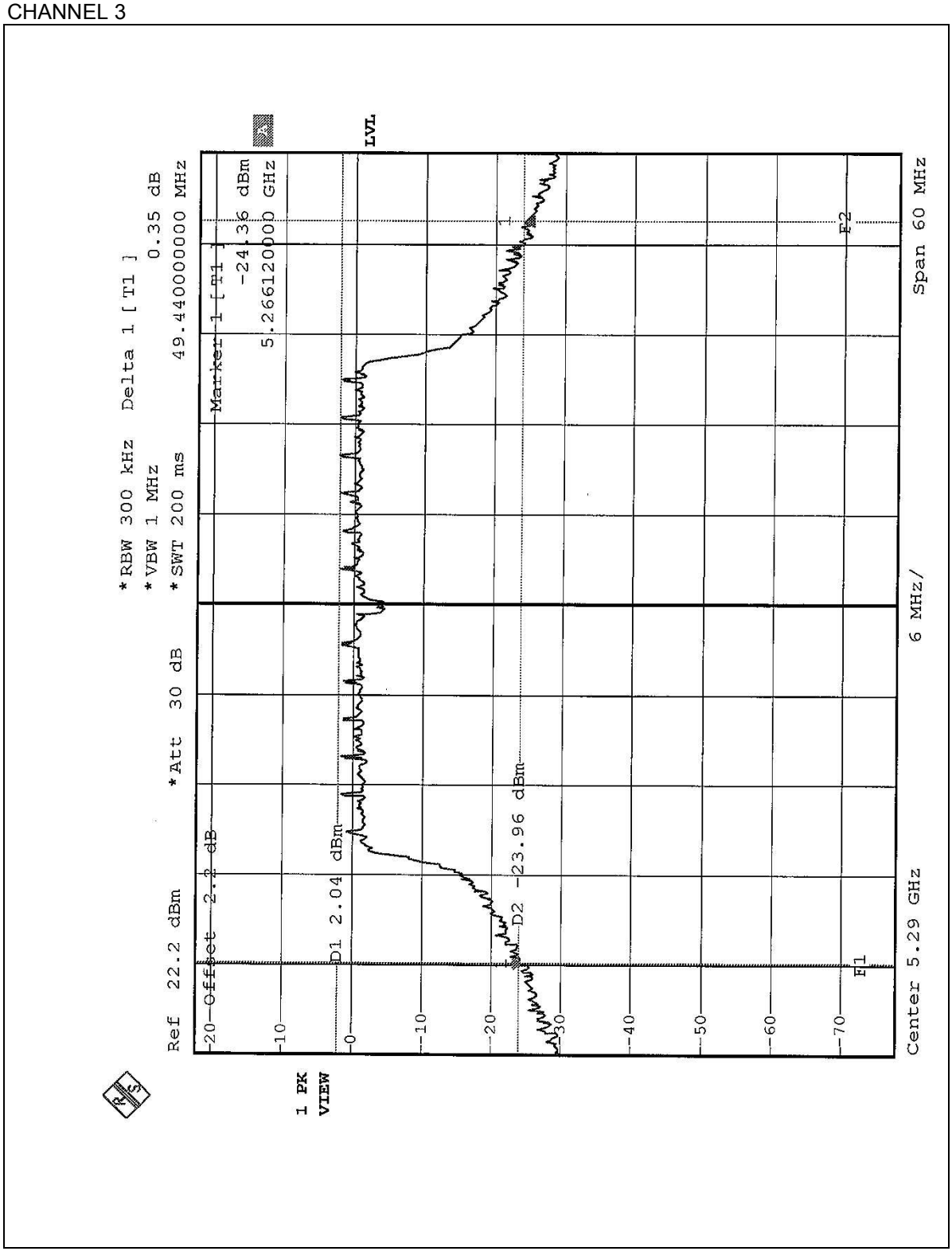
CHANNEL 1


RBW 300 kHz
VBW 1 MHz
SWT 200 ms
Delta 1 [T1]
-0.43 dB
51.840000000 MHz
Marker 1 [T1]
-24.76 dBm
5.183720000 GHz
Ref 22.2 dBm
Offset 2.2 dB
Att 30 dB
D1 1.21 dBm
D2 -24.79 dBm
Center 5.21 GHz
6 MHz/
Span 60 MHz
1 PK
VIEW
LVL

CHANNEL 2


RBW 300 kHz
VBW 1 MHz
SWT 200 ms
Delta 1 [T1]
-0.58 dB
49.080000000 MHz
Marker 1 [T1]
-24.96 dBm
5.225520000 GHz
Ref 22.2 dBm
Offset 2.2 dB
Att 30 dB
D1 0.7 dBm
D2 -25.3 dBm
Center 5.25 GHz
6 MHz/
Span 60 MHz
1 PK
VIEW
MAXH
F1
F2

CHANNEL 3


RBW 300 kHz
VBW 1 MHz
SWT 200 ms
Delta 1 [T1]
0.35 dB
49.44000000 MHz
Marker 1 [T1]
-24.36 dBm
5.26612000 GHz
Ref 22.2 dBm
Offset 2.2 dB
Att 30 dB
D1 2.04 dBm
D2 -23.96 dBm
Center 5.29 GHz
6 MHz/
Span 60 MHz
1 PK
VIEW