

FCC TEST REPORT

REPORT NO.: RF940711L09A

MODEL NO.: TEW-601PC

RECEIVED: NA

TESTED: Jul. 13 ~ Jul. 14, 2005

ISSUED: Aug. 16, 2005

APPLICANT : TRENDware International Inc.

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ISSUED BY : Advance Data Technology Corporation

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1 CERTIFICATION

PRODUCT: 108Mbps 802.11g MIMO Wireless PC Card

MODEL: TEW-601PC

BRAND: TRENDnet

APPLICANT: TRENDware International Inc.

TEST SAMPLE: ENGINEERING SAMPLE

STANDARDS: FCC Part 15, Subpart C (Section 15.247)

ANSI C63.4-2003

The above equipment (model no.: TEW-601PC) is identical to model no. WCB-360A which has been tested by **Advance Data Technology Corporation** from Jul. 13 ~ Jul. 14, 2005, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY : Wendy Liao , **DATE :** Aug. 16, 2005
Wendy Liao

TECHNICAL
ACCEPTANCE : Gary Chang , **DATE :** Aug. 16, 2005
Responsible for RF Gary Chang

APPROVED BY : Cody Chang , **DATE :** Aug. 16, 2005
Cody Chang, Deputy Manager

2 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 15, Subpart C			
Standard Section	Test Type and Limit	Result	Remark
15.207	AC Power Conducted Emission	PASS	Meet the requirement of limit. Minimum passing margin is -11.63dB at 0.150MHz.
15.247(a)(2)	Spectrum Bandwidth of a Direct Sequence Spread Spectrum System Limit : min. 500kHz	PASS	Meet the requirement of limit.
15.247(b)	Maximum Peak Output Power Limit: max. 30dBm	PASS	Meet the requirement of limit.
15.247(d)	Transmitter Radiated Emissions Limit: Table 15.209	PASS	Meet the requirement of limit. Minimum passing margin is -1.39dB at 2016.00MHz.
15.247(e)	Power Spectral Density Limit: max. 8dBm	PASS	Meet the requirement of limit.
15.247(d)	Band Edge Measurement Limit: 20 dB less than the peak value of fundamental frequency	PASS	Meet the requirement of limit.

2.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4:

Measurement	Frequency	Uncertainty
Conducted emissions	9kHz ~ 30MHz	2.44 dB
Radiated emissions	30MHz ~ 200MHz	3.47 dB
	200MHz ~ 1000MHz	3.62 dB
	1GHz ~ 18GHz	3.64 dB
	18GHz ~ 40GHz	3.62 dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

3 GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

PRODUCT	108Mbps 802.11g MIMO Wireless PC Card
MODEL NO.	TEW-601PC
POWER SUPPLY	3.3Vdc from host equipment
MODULATION TYPE	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM
MODULATION TECHNOLOGY	DSSS, OFDM
TRANSFER RATE	802.11b: 11/5.5/2/1Mbps 802.11g: 54/48/36/24/18/12/9/6Mbps (Turbo mode: up to 108Mbps)
FREQUENCY RANGE	2412MHz ~ 2462MHz
NUMBER OF CHANNEL	11
MAXIMUM OUTPUT POWER	51.050mW
ANTENNA TYPE	Antenna 1: Print antenna with 0.42dBi gain Antenna 2: Print antenna with 0.95dBi gain
DATA CABLE	NA
I/O PORTS	NA

NOTE:

1. This is a duplicate report of RF940711L09, the difference is changing the model name, brand name, product name and applicant.
2. The EUT is an 108Mbps 802.11g MIMO Wireless PC Card.

The device has capability of receive multi channels.

3. Physically, the card provides two RF chains. The chain 0 complete transmit and receive functions that can be connected to one of two antenna elements via an antenna diversity switch. The chain 1 provides two channels of RF input that only operating in receiving condition.
4. The EUT complies with IEEE 802.11g standards and backwards compatible with IEEE 802.11b products.
5. The EUT operates in the 2.4GHz frequency spectrum with throughput of up to 54Mbps.
6. This EUT is capable of providing data rates of up to 108Mbps in 802.11g Turbo Mode depending upon reception quality.

7. The above EUT information was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.

3.2 DESCRIPTION OF TEST MODES

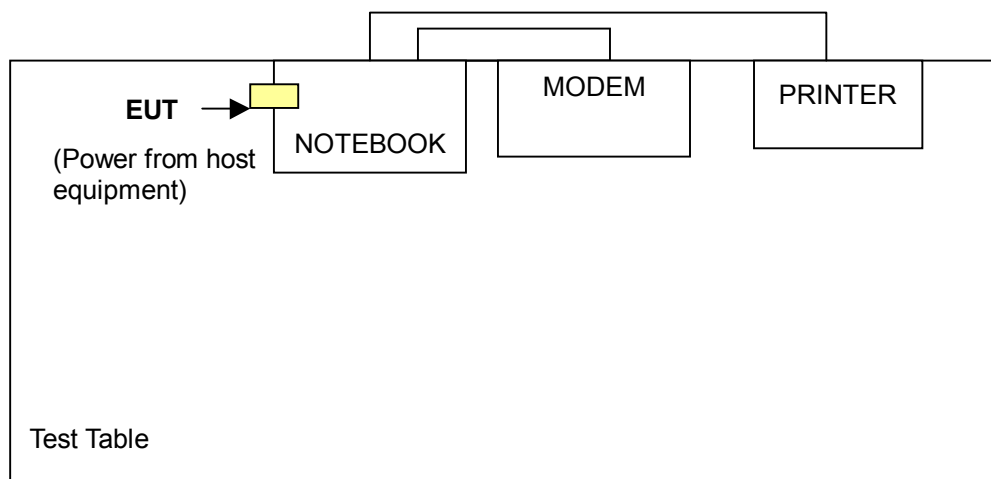
For 802.11b/g: 11 channels are provided to this EUT for normal mode.

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

For 802.11g: 1 channel is provided to this EUT for turbo mode.

Channel	Frequency
6	2437 MHz

3.2.1 CONFIGURATION OF SYSTEM UNDER TEST



3.2.2 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

EUT Configure Mode	Applicable to				Description
	PLC	RE<1G	RE≥1G	APCM	
-	√	√	√	√	-

Where PLC: Power Line Conducted Emission

RE<1G RE: Radiated Emission below 1GHz

RE≥1G: Radiated Emission above 1GHz

APCM: Antenna Port Conducted Measurement

Power Line Conducted Emission Test:

- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11g	1 to 11	1, 6, 11	OFDM	BPSK	6

Radiated Emission Test (Below 1 GHz):

- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11g	1 to 11	11	OFDM	BPSK	6

Radiated Emission Test (Above 1 GHz):

- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11b	1 to 11	1, 6, 11	DSSS	CCK	11
802.11g	1 to 11	1, 6, 11	OFDM	BPSK	6
802.11g Turbo	6	6	OFDM	BPSK	12

Bandedge Measurement:

- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11b	1 to 11	1, 11	DSSS	CCK	11
802.11g	1 to 11	1, 11	OFDM	BPSK	6
802.11g Turbo	6	6	OFDM	BPSK	12

**Antenna Port Conducted Measurement:**

- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11b	1 to 11	1, 6, 11	DSSS	CCK	11
802.11g	1 to 11	1, 6, 11	OFDM	BPSK	6
802.11g Turbo	6	6	OFDM	BPSK	12

3.3 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is an 108Mbps 802.11g MIMO Wireless PC Card. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC Part 15, Subpart C (15.247)
ANSI C63.4-2003

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

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

3.4 DESCRIPTION OF SUPPORT UNITS

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

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	NOTEBOOK COMPUTER	DELL	PP05L	12130898320	E2K24CLNS
2	PRINTER	EPSON	LQ-300+	DCGY047265	FCC DoC Approved
3	MODEM	ACEEX	1414V/3	0401008248	IFAXDM1414

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	NA
2	1.2m shielded cable
3	1.2m shielded cable

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

4 TEST TYPES AND RESULTS

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

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

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

4.1.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
Test Receiver ROHDE & SCHWARZ	ESCS30	100291	Nov. 16, 2005
RF signal cable Woken	5D-FB	Cable-HYC01-01	Jan. 09, 2006
LISN SCHWARZBECK	NNBL 8226-2	8226-142	May. 02, 2006
LISN ROHDE & SCHWARZ	ESH2-Z5	100104	Feb. 15, 2006
Software ADT	ADT_Cond_V3	NA	NA

- NOTE:**
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. The test was performed in HwaYa Shielded Room 1.
 3. The VCCI Site Registration No. is C-2040.



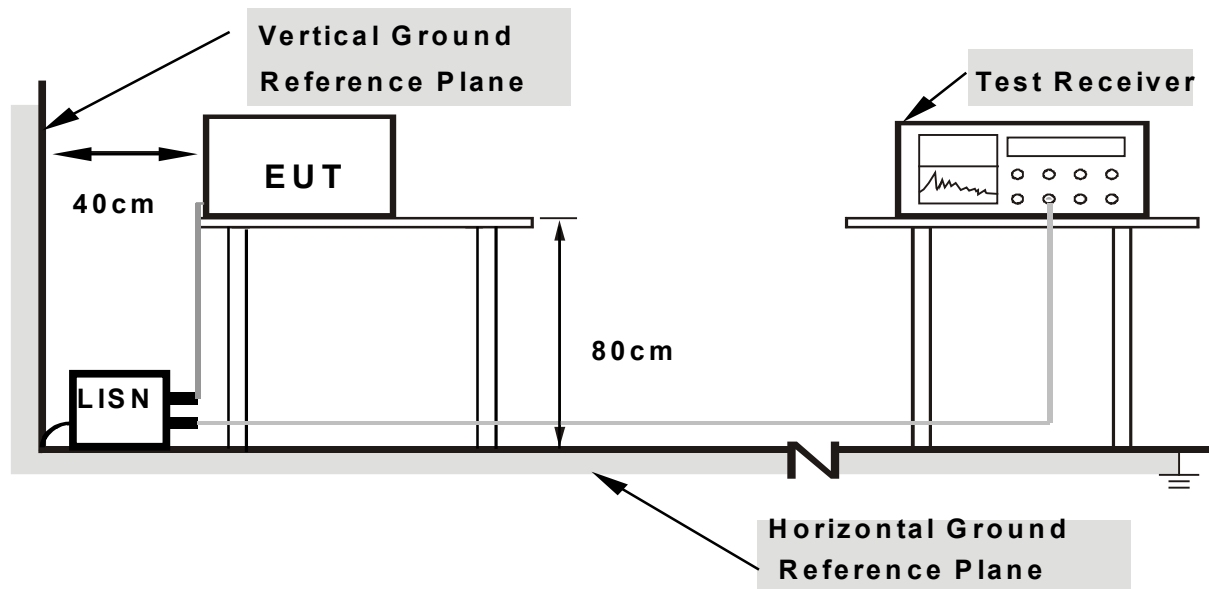
4.1.3 TEST PROCEDURES

- 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 150kHz to 30MHz was searched. Emission levels under Limit - 20dB was not recorded.

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) are 80 cm from EUT and at least 80
from other units and other metal planes**

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



4.1.6 EUT OPERATING CONDITIONS

- a. Plug the EUT into the notebook system placed on the testing table.
- b. The notebook system ran a test program (provided by manufacturer) to enable EUT under transmission/receiving condition continuously at specific channel frequency.
- c. The notebook displayed "H" pattern on its screen.
- d. The notebook sent "H" messages to the printer, and the printer printed them out.
- e. The notebook sent "H" messages to the modem.
- f. Step c ~ e were repeated.

4.1.7 TEST RESULTS

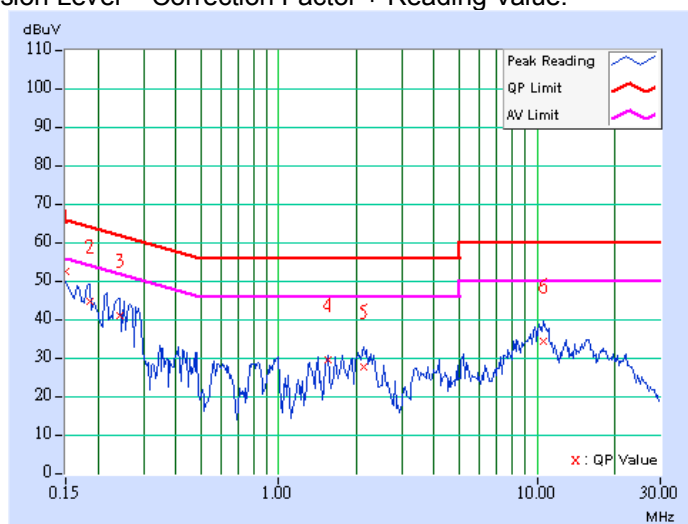
Conducted Worst-Case Data

EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	PHASE	Line 1
CHANNEL	Channel 1	6dB BANDWIDTH	9 kHz
MODULATION TYPE	BPSK	ENVIRONMENTAL CONDITIONS	25 deg. C, 65% RH, 991hPa
TRANSFER RATE	6Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.150	2.20	52.17	30.97	54.37	33.17	66.00	56.00	-11.63	-22.83
2	0.185	1.54	44.24	23.68	45.78	25.22	64.25	54.25	-18.47	-29.03
3	0.244	1.21	40.72	-	41.93	-	61.97	51.97	-20.04	-
4	1.559	0.50	29.22	-	29.72	-	56.00	46.00	-26.28	-
5	2.137	0.46	27.38	-	27.84	-	56.00	46.00	-28.16	-
6	10.645	0.55	33.76	-	34.31	-	60.00	50.00	-25.69	-

*(The test data is in accordance with ADT Report No.: 940711L09.)

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

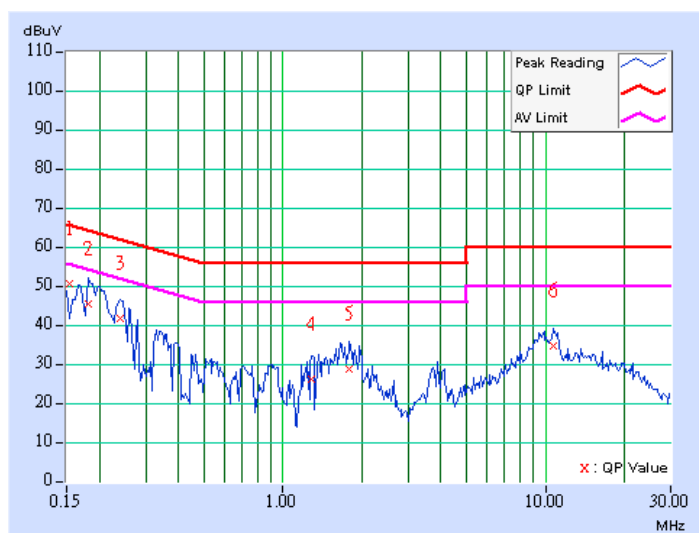


EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	PHASE	Line 2
CHANNEL	Channel 1	6dB BANDWIDTH	9 kHz
MODULATION TYPE	BPSK	ENVIRONMENTAL CONDITIONS	25 deg. C, 65% RH, 991hPa
TRANSFER RATE	6Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.154	2.13	50.16	27.49	52.29	29.62	65.81	55.81	-13.52	-26.19
2	0.181	1.61	45.12	25.00	46.73	26.61	64.43	54.43	-17.70	-27.82
3	0.240	1.21	41.14	22.71	42.35	23.92	62.10	52.10	-19.75	-28.18
4	1.289	0.52	25.69	-	26.21	-	56.00	46.00	-29.79	-
5	1.789	0.48	28.37	-	28.85	-	56.00	46.00	-27.15	-
6	10.773	0.56	34.28	-	34.84	-	60.00	50.00	-25.16	-

*(The test data is in accordance with ADT Report No.: 940711L09.)

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

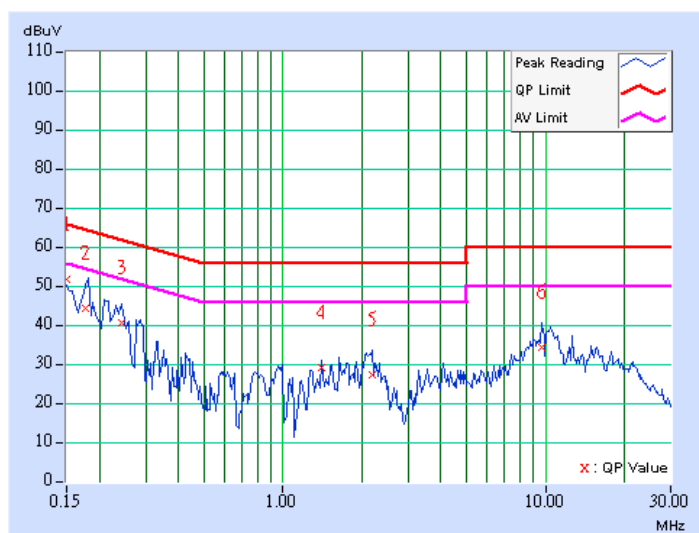


EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	PHASE	Line 1
CHANNEL	Channel 6	6dB BANDWIDTH	9 kHz
MODULATION TYPE	BPSK	ENVIRONMENTAL CONDITIONS	25 deg. C, 65% RH, 991hPa
TRANSFER RATE	6Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.150	2.20	51.25	53.45	53.45	33.36	66.00	56.00	-12.55	-22.64
2	0.177	1.69	43.76	45.45	45.45	24.44	64.62	54.62	-19.17	-30.18
3	0.244	1.21	40.23	-	41.44	-	61.97	51.97	-20.53	-
4	1.406	0.51	28.69	-	29.20	-	56.00	46.00	-26.80	-
5	2.191	0.46	26.74	-	27.20	-	56.00	46.00	-28.80	-
6	9.719	0.54	34.09	-	34.63	-	60.00	50.00	-25.37	-

*(The test data is in accordance with ADT Report No.: 940711L09.)

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



EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	PHASE	Line 2
CHANNEL	Channel 6	6dB BANDWIDTH	9 kHz
MODULATION TYPE	BPSK	ENVIRONMENTAL CONDITIONS	25 deg. C, 65% RH, 991hPa
TRANSFER RATE	6Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.150	2.20	50.29	30.48	52.49	32.68	66.00	56.00	-13.51	-23.32
2	0.193	1.39	36.94	-	38.33	-	63.91	53.91	-25.58	-
3	0.228	1.22	39.77	-	40.99	-	62.52	52.52	-21.52	-
4	1.406	0.51	27.83	-	28.34	-	56.00	46.00	-27.66	-
5	2.016	0.46	28.40	-	28.86	-	56.00	46.00	-27.14	-
6	10.359	0.55	35.19	-	35.74	-	60.00	50.00	-24.26	-

*(The test data is in accordance with ADT Report No.: 940711L09.)

REMARKS: 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.

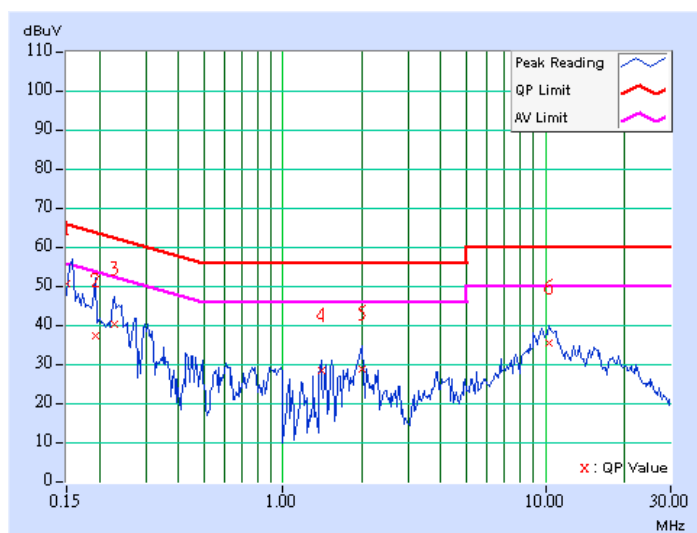
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.

3. The emission levels of other frequencies were very low against the limit.

4. Margin value = Emission level - Limit value

5. Correction factor = Insertion loss + Cable loss

6. Emission Level = Correction Factor + Reading Value.

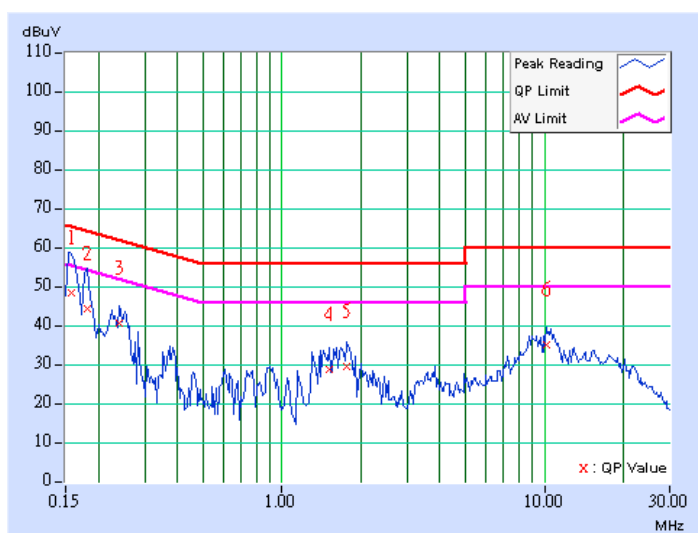


EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	PHASE	Line 1
CHANNEL	Channel 11	6dB BANDWIDTH	9 kHz
MODULATION TYPE	BPSK	ENVIRONMENTAL CONDITIONS	25 deg. C, 65% RH, 991hPa
TRANSFER RATE	6Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.158	2.05	48.13	24.66	50.18	26.71	65.58	55.58	-15.40	-28.87
2	0.181	1.61	43.82	23.39	45.43	25.00	64.43	54.43	-19.00	-29.43
3	0.240	1.21	40.25	-	41.46	-	62.10	52.10	-20.64	-
4	1.512	0.50	28.53	-	29.03	-	56.00	46.00	-26.97	-
5	1.773	0.48	29.05	-	29.53	-	56.00	46.00	-26.47	-
6	10.184	0.54	34.65	-	35.19	-	60.00	50.00	-24.81	-

*(The test data is in accordance with ADT Report No.: 940711L09.)

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



EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	PHASE	Line 2
CHANNEL	Channel 11	6dB BANDWIDTH	9 kHz
MODULATION TYPE	BPSK	ENVIRONMENTAL CONDITIONS	25 deg. C, 65% RH, 991hPa
TRANSFER RATE	6Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.150	2.20	49.86	29.05	52.06	31.25	66.00	56.00	-13.94	-24.75
2	0.181	1.61	43.96	25.06	45.57	26.67	64.43	54.43	-18.86	-27.76
3	0.244	1.21	40.11	-	41.32	-	61.97	51.97	-20.65	-
4	1.284	0.52	25.14	-	25.66	-	56.00	46.00	-30.34	-
5	2.066	0.46	26.72	-	27.18	-	56.00	46.00	-28.82	-
6	10.359	0.55	35.25	-	35.80	-	60.00	50.00	-24.20	-

*(The test data is in accordance with ADT Report No.: 940711L09.)

REMARKS: 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.

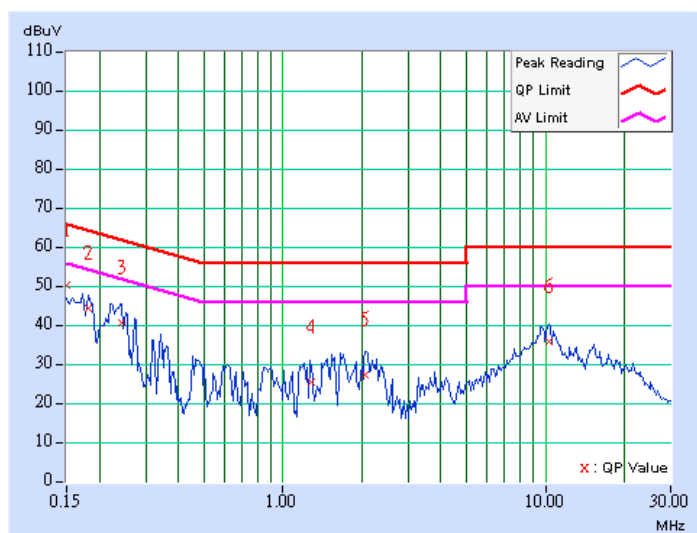
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.

3. The emission levels of other frequencies were very low against the limit.

4. Margin value = Emission level - Limit value

5. Correction factor = Insertion loss + Cable loss

6. Emission Level = Correction Factor + Reading Value.



4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

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

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

NOTE:

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



4.2.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
Test Receiver ROHDE & SCHWARZ	ESMI	839013/007 839379/002	Feb. 03, 2006
Spectrum Analyzer ROHDE & SCHWARZ	FSEK30	100049	Aug. 12, 2005
BILOG Antenna SCHWARZBECK	VULB9163	121	Jun. 01, 2006
HORN Antenna SCHWARZBECK	BBHA 9120D	9120D-407	Jan. 06, 2006
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA 9170242	Jan. 23, 2006
Preamplifier Agilent	8447D	2944A10638	Dec. 21, 2005
Preamplifier Agilent	8449B	3008A01911	Sep. 21, 2005
RF signal cable HUBER+SUHNNER	SUCOFLEX 104	218188/218189 /231134	Apr. 19, 2006
RF signal cable Worken	8D-FB	Cable-HYCH5-02	Apr. 21, 2006
Software ADT.	ADT_Radiated_ V7.6.01	NA	NA
Antenna Tower EMCO	2070/2080	512.835.4684	NA
Antenna Tower Controller EMCO	2090	NA	NA
Turn Table EMCO	2087-2.03	NA	NA
Turn Table Controller EMCO	2090	NA	NA

- NOTE:**
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. The test was performed in HwaYa Chamber 4.
 3. The horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
 4. The IC Site Registration No. is IC4924-4.

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 3 meters semi-anechoic chamber. 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 lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions would be re-tested one by one using peak, quasi-peak method or average method as specified and then reported in data sheet.

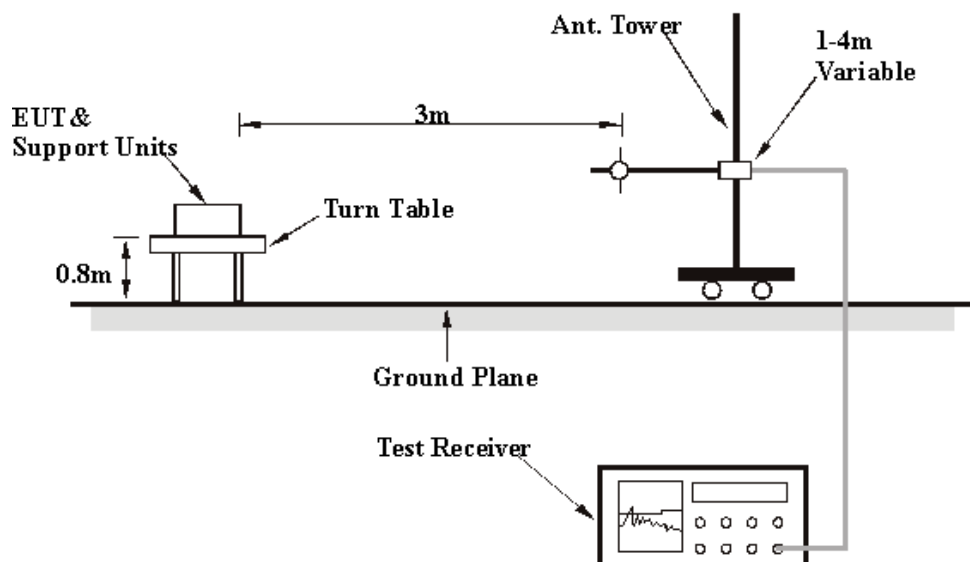
NOTE:

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

4.2.4 DEVIATION FROM TEST STANDARD

No deviation.

4.2.5 TEST SETUP



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

4.2.6 EUT OPERATING CONDITIONS

Same as 4.1.6.

4.2.7 TEST RESULTS

Below 1GHz Worst-Case Data

EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	FREQUENCY RANGE	Below 1000MHz
CHANNEL	Channel 11	DETECTOR FUNCTION	Quasi-Peak
MODULATION TYPE	BPSK	ENVIRONMENTAL CONDITIONS	27deg. C, 65%RH, 991hPa
TRANSFER RATE	6Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	566.73	31.57 QP	46.00	-14.43	1.75 H	40	11.98	19.60
2	603.38	38.82 QP	46.00	-7.18	1.75 H	64	18.24	20.58
3	658.34	31.90 QP	46.00	-14.10	1.25 H	334	10.52	21.38
4	726.24	37.91 QP	46.00	-8.09	1.25 H	328	15.50	22.41
5	851.27	32.86 QP	46.00	-13.14	1.25 H	358	8.20	24.65
6	891.14	33.87 QP	46.00	-12.13	1.25 H	352	9.24	24.63

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)	Correction Factor (dB/m)
1	82.81	29.52 QP	40.00	-10.48	1.00 V	142	19.94	9.57
2	167.96	32.63 QP	43.50	-10.87	1.00 V	256	23.93	8.70
3	214.30	34.23 QP	43.50	-9.27	1.25 V	4	23.04	11.18
4	339.32	38.30 QP	46.00	-7.70	1.50 V	358	22.99	15.31
5	872.82	40.02 QP	46.00	-5.98	1.00 V	322	15.38	24.64
6	905.16	35.61 QP	46.00	-10.39	1.00 V	322	10.88	24.73

*(The test data is in accordance with ADT Report No.: 940711L09.)

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

802.11b DSSS modulation

EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	FREQUENCY RANGE	1 ~ 25GHz
CHANNEL	Channel 1	DETECTOR FUNCTION	Peak(PK) Average (AV)
MODULATION TYPE	CCK	ENVIRONMENTAL CONDITIONS	27deg. C, 65%RH, 991hPa
TRANSFER RATE	11Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2016.00	45.37 PK	74.00	-28.63	1.31 H	0	15.10	30.27
2	2136.00	45.77 PK	74.00	-28.23	1.45 H	84	15.10	30.67
3	2390.00	52.99 PK	74.00	-21.01	1.34 H	97	21.54	31.45
3	2390.00	44.94 AV	54.00	-9.06	1.34 H	97	13.49	31.45
4	*2412.00	111.57 PK			1.34 H	97	80.05	31.52
4	*2412.00	103.52 AV			1.34 H	97	72.00	31.52
5	2688.00	62.28 PK	91.57	-29.29	1.12 H	75	29.68	32.60
5	2688.00	57.77 AV	83.52	-25.75	1.12 H	75	25.17	32.60
6	2808.00	48.05 PK	74.00	-25.95	1.10 H	103	14.90	33.15
7	4824.00	62.37 PK	74.00	-11.63	1.08 H	156	24.74	37.63
7	4824.00	50.52 AV	54.00	-3.48	1.08 H	156	12.89	37.63
8	7236.00	50.02 PK	74.00	-23.98	1.06 H	55	8.58	41.44
8	7236.00	40.32 AV	54.00	-13.68	1.06 H	55	-1.12	41.44

*(The test data is in accordance with ADT Report No.: 940711L09.)

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

EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	FREQUENCY RANGE	1 ~ 25GHz
CHANNEL	Channel 1	DETECTOR FUNCTION	Peak(PK) Average (AV)
MODULATION TYPE	CCK	ENVIRONMENTAL CONDITIONS	27deg. C, 65%RH, 991hPa
TRANSFER RATE	11Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

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)	Correction Factor (dB/m)
1	2016.00	42.05 PK	74.00	-31.95	1.27 V	271	11.78	30.27
2	2136.00	40.77 PK	74.00	-33.23	1.12 V	328	10.10	30.67
3	2390.00	43.90 PK	74.00	-30.10	1.00 V	324	12.45	31.45
4	*2412.00	102.48 PK			1.00 V	324	70.96	31.52
4	*2412.00	94.02 AV			1.00 V	324	62.50	31.52
5	2688.00	53.98 PK	82.48	-28.50	1.17 V	314	21.38	32.60
5	2688.00	49.77 AV	74.02	-24.25	1.17 V	314	17.17	32.60
6	2808.00	45.36 PK	74.00	-28.64	1.33 V	328	12.21	33.15
7	4824.00	60.81 PK	74.00	-13.19	1.07 V	222	23.18	37.63
7	4824.00	49.21 AV	54.00	-4.79	1.07 V	222	11.58	37.63
8	7236.00	50.72 PK	74.00	-23.28	1.55 V	87	9.28	41.44
8	7236.00	41.23 AV	54.00	-12.77	1.55 V	87	-0.21	41.44

*(The test data is in accordance with ADT Report No.: 940711L09.)

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

EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	FREQUENCY RANGE	1 ~ 25GHz
CHANNEL	Channel 6	DETECTOR FUNCTION	Peak(PK) Average (AV)
MODULATION TYPE	CCK	ENVIRONMENTAL CONDITIONS	27deg. C, 65%RH, 991hPa
TRANSFER RATE	11Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2016.00	46.29 PK	74.00	-27.71	1.15 H	120	16.02	30.27
2	2186.00	45.98 PK	74.00	-28.02	1.13 H	341	15.12	30.86
3	*2437.00	112.25 PK			1.32 H	103	80.66	31.59
3	*2437.00	104.13 AV			1.32 H	103	72.54	31.59
4	2688.00	63.87 PK	92.25	-28.38	1.00 H	73	31.27	32.60
4	2688.00	58.06 AV	84.13	-26.07	1.00 H	73	25.46	32.60
5	2858.00	48.62 PK	74.00	-25.38	1.03 H	91	15.30	33.32
6	4874.00	63.24 PK	74.00	-10.76	1.00 H	318	25.49	37.75
6	4874.00	51.75 AV	54.00	-2.25	1.00 H	318	14.00	37.75
7	7311.00	53.09 PK	74.00	-20.91	1.16 H	281	11.44	41.65
7	7311.00	43.84 AV	54.00	-10.16	1.16 H	281	2.19	41.65

*(The test data is in accordance with ADT Report No.: 940711L09.)

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

EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	FREQUENCY RANGE	1 ~ 25GHz
CHANNEL	Channel 6	DETECTOR FUNCTION	Peak(PK) Average (AV)
MODULATION TYPE	CCK	ENVIRONMENTAL CONDITIONS	27deg. C, 65%RH, 991hPa
TRANSFER RATE	11Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

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)	Correction Factor (dB/m)
1	2016.00	43.94 PK	74.00	-30.06	1.16 V	308	13.67	30.27
2	2186.00	42.87 PK	74.00	-31.13	1.12 V	254	12.01	30.86
3	*2437.00	102.41 PK			1.00 V	319	70.82	31.59
3	*2437.00	94.22 AV			1.00 V	319	62.63	31.59
4	2688.00	54.29 PK	80.41	-26.12	1.02 V	329	21.69	32.60
4	2688.00	50.08 AV	74.22	-24.14	1.02 V	329	17.48	32.60
5	2858.00	45.39 PK	74.00	-28.61	1.09 V	325	12.07	33.32
6	4874.00	61.80 PK	74.00	-12.20	1.00 V	319	24.05	37.75
6	4874.00	50.15 AV	54.00	-3.85	1.00 V	319	12.40	37.75
7	7311.00	52.66 PK	74.00	-21.34	1.55 V	92	11.01	41.65
7	7311.00	43.45 AV	54.00	-10.55	1.55 V	92	1.80	41.65

*(The test data is in accordance with ADT Report No.: 940711L09.)

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

EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	FREQUENCY RANGE	1 ~ 25GHz
CHANNEL	Channel 11	DETECTOR FUNCTION	Peak(PK) Average (AV)
MODULATION TYPE	CCK	ENVIRONMENTAL CONDITIONS	27deg. C, 65%RH, 991hPa
TRANSFER RATE	11Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2016.00	44.62 PK	74.00	-29.38	1.23 H	243	14.35	30.27
2	2236.00	47.23 PK	74.00	-26.77	1.13 H	109	16.23	31.00
3	*2462.00	112.47 PK			1.31 H	99	80.80	31.67
3	*2462.00	104.33 AV			1.31 H	99	72.66	31.67
4	2483.50	53.49 PK	74.00	-20.51	1.31 H	99	21.76	31.73
4	2483.50	45.35 AV	54.00	-8.65	1.31 H	99	13.62	31.73
5	2688.00	62.47 PK	92.47	-30.00	1.12 H	79	29.87	32.60
5	2688.00	60.03 AV	84.33	-24.30	1.12 H	79	27.43	32.60
6	2908.00	45.47 PK	74.00	-28.53	1.10 H	107	11.97	33.50
7	4924.00	62.64 PK	74.00	-11.36	1.52 H	171	24.75	37.89
7	4924.00	51.22 AV	54.00	-2.78	1.52 H	171	13.33	37.89
8	7386.00	54.92 PK	74.00	-19.08	1.33 H	11	13.02	41.90
8	7386.00	44.84 AV	54.00	-9.16	1.33 H	11	2.94	41.90

*(The test data is in accordance with ADT Report No.: 940711L09.)

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

EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	FREQUENCY RANGE	1 ~ 25GHz
CHANNEL	Channel 11	DETECTOR FUNCTION	Peak(PK) Average (AV)
MODULATION TYPE	CCK	ENVIRONMENTAL CONDITIONS	27deg. C, 65%RH, 991hPa
TRANSFER RATE	11Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

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)	Correction Factor (dB/m)
1	2016.00	55.89 PK	74.00	-18.11	1.00 V	314	25.62	30.27
1	2016.00	52.61 AV	54.00	-1.39	1.00 V	314	22.34	30.27
2	2236.00	42.96 PK	74.00	-31.04	1.13 V	300	11.96	31.00
3	*2462.00	102.10 PK			1.00 V	321	70.43	31.67
3	*2462.00	94.30 AV			1.00 V	321	62.63	31.67
4	2483.50	43.12 PK	82.10	-38.98	1.00 V	321	11.39	31.73
5	2908.00	42.27 PK	74.30	-32.03	1.00 V	298	8.77	33.50
6	4924.00	61.02 PK	74.00	-12.98	1.15 V	184	23.13	37.89
6	4924.00	49.85 AV	54.00	-4.15	1.15 V	184	11.96	37.89
7	7386.00	53.20 PK	74.00	-20.80	1.78 V	319	11.30	41.90
7	7386.00	43.16 AV	54.00	-10.84	1.78 V	319	1.26	41.90

*(The test data is in accordance with ADT Report No.: 940711L09.)

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

802.11g OFDM modulation

EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	FREQUENCY RANGE	1 ~ 25GHz
CHANNEL	Channel 1	DETECTOR FUNCTION	Peak(PK) Average (AV)
MODULATION TYPE	BPSK	ENVIRONMENTAL CONDITIONS	27deg. C, 65%RH, 991hPa
TRANSFER RATE	6Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2016.00	46.38 PK	74.00	-27.62	1.12 H	203	16.11	30.27
2	2136.00	44.20 PK	74.00	-29.80	1.02 H	120	13.53	30.67
3	2390.00	56.00 PK	74.00	-18.00	1.34 H	101	24.55	31.45
3	2390.00	45.59 AV	54.00	-8.41	1.34 H	101	14.14	31.45
4	*2412.00	108.37 PK			1.34 H	101	76.85	31.52
4	*2412.00	97.96 AV			1.34 H	101	66.44	31.52
5	2688.00	63.62 PK	88.37	-24.75	1.13 H	109	31.02	32.60
5	2688.00	58.26 AV	77.96	-19.70	1.13 H	109	25.66	32.60
6	2808.00	46.24 PK	74.00	-27.76	1.10 H	102	13.09	33.15
7	4824.00	58.20 PK	74.00	-15.80	1.20 H	189	20.57	37.63
7	4824.00	45.60 AV	54.00	-8.40	1.20 H	189	7.97	37.63
8	7236.00	52.31 PK	74.00	-21.69	1.14 H	103	10.87	41.44
8	7236.00	41.06 AV	54.00	-12.94	1.14 H	103	-0.38	41.44

*(The test data is in accordance with ADT Report No.: 940711L09.)

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

EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	FREQUENCY RANGE	1 ~ 25GHz
CHANNEL	Channel 1	DETECTOR FUNCTION	Peak(PK) Average (AV)
MODULATION TYPE	BPSK	ENVIRONMENTAL CONDITIONS	27deg. C, 65%RH, 991hPa
TRANSFER RATE	6Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

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)	Correction Factor (dB/m)
1	2016.00	43.25 PK	74.00	-30.75	1.10 V	259	12.98	30.27
2	2136.00	42.91 PK	74.00	-31.09	1.25 V	329	12.24	30.67
3	2390.00	45.76 PK	74.00	-28.24	1.00 V	318	14.31	31.45
4	*2412.00	98.13 PK			1.00 V	318	66.61	31.52
4	*2412.00	88.56 AV			1.00 V	318	57.04	31.52
5	2688.00	59.81 PK	78.13	-18.32	1.16 V	339	27.21	32.60
5	2688.00	53.47 AV	68.56	-15.09	1.16 V	339	20.87	32.60
6	2808.00	42.98 PK	74.00	-31.02	1.53 V	296	9.83	33.15
7	4824.00	55.87 PK	74.00	-18.13	1.19 V	20	18.24	37.63
7	4824.00	42.66 AV	54.00	-11.34	1.19 V	20	5.03	37.63
8	7236.00	51.06 PK	74.00	-22.94	1.13 V	346	9.62	41.44
8	7236.00	40.29 AV	54.00	-13.71	1.13 V	346	-1.15	41.44

*(The test data is in accordance with ADT Report No.: 940711L09.)

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

EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	FREQUENCY RANGE	1 ~ 25GHz
CHANNEL	Channel 6	DETECTOR FUNCTION	Peak(PK) Average (AV)
MODULATION TYPE	BPSK	ENVIRONMENTAL CONDITIONS	27deg. C, 65%RH, 991hPa
TRANSFER RATE	6Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2016.00	45.20 PK	74.00	-28.80	1.15 H	81	14.93	30.27
2	2186.00	45.90 PK	74.00	-28.10	1.01 H	297	15.04	30.86
3	*2437.00	108.94 PK			1.28 H	80	77.35	31.59
3	*2437.00	98.19 AV			1.28 H	80	66.60	31.59
4	2688.00	62.81 PK	88.94	-26.13	1.12 H	78	30.21	32.60
4	2688.00	60.14 AV	78.19	-18.05	1.12 H	78	27.54	32.60
5	2858.00	47.63 PK	74.00	-26.37	1.13 H	29	14.31	33.32
6	4874.00	58.31 PK	74.00	-15.69	1.13 H	189	20.56	37.75
6	4874.00	44.30 AV	54.00	-9.70	1.13 H	189	6.55	37.75
7	7311.00	52.68 PK	74.00	-21.32	1.00 H	82	11.03	41.65
7	7311.00	42.06 AV	54.00	-11.94	1.00 H	82	0.41	41.65

*(The test data is in accordance with ADT Report No.: 940711L09.)

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

EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	FREQUENCY RANGE	1 ~ 25GHz
CHANNEL	Channel 6	DETECTOR FUNCTION	Peak(PK) Average (AV)
MODULATION TYPE	BPSK	ENVIRONMENTAL CONDITIONS	27deg. C, 65%RH, 991hPa
TRANSFER RATE	6Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

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)	Correction Factor (dB/m)
1	2016.00	42.92 PK	74.00	-31.08	1.15 V	309	12.65	30.27
2	2186.00	43.92 PK	74.00	-30.08	1.08 V	312	13.06	30.86
3	*2437.00	97.56 PK			1.02 V	330	65.97	31.59
3	*2437.00	88.84 AV			1.02 V	330	57.25	31.59
4	2688.00	56.69 PK	77.56	-20.87	1.12 V	208	24.09	32.60
4	2688.00	53.81 AV	68.84	-15.03	1.12 V	208	21.21	32.60
5	2858.00	45.09 PK	74.00	-28.91	1.12 V	334	11.77	33.32
6	4874.00	55.94 PK	74.00	-18.06	1.00 V	0	18.19	37.75
6	4874.00	42.67 AV	54.00	-11.33	1.00 V	0	4.92	37.75
7	7311.00	51.63 PK	74.00	-22.37	1.42 V	319	9.98	41.65
7	7311.00	40.28 AV	54.00	-13.72	1.42 V	319	-1.37	41.65

*(The test data is in accordance with ADT Report No.: 940711L09.)

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

EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	FREQUENCY RANGE	1 ~ 25GHz
CHANNEL	Channel 11	DETECTOR FUNCTION	Peak(PK) Average (AV)
MODULATION TYPE	BPSK	ENVIRONMENTAL CONDITIONS	27deg. C, 65%RH, 991hPa
TRANSFER RATE	6Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2016.00	46.87 PK	74.00	-27.13	1.25 H	92	16.60	30.27
2	2236.00	46.51 PK	74.00	-27.49	1.10 H	260	15.51	31.00
3	*2462.00	109.55 PK			1.25 H	81	77.88	31.67
3	*2462.00	98.89 AV			1.25 H	81	67.22	31.67
4	2483.50	58.75 PK	74.00	-15.25	1.25 H	81	27.02	31.73
4	2483.50	48.09 AV	54.00	-5.91	1.25 H	81	16.36	31.73
5	2688.00	63.03 PK	89.55	-26.52	1.12 H	79	30.43	32.60
5	2688.00	61.79 AV	78.89	-17.10	1.12 H	79	29.19	32.60
6	2908.00	43.60 PK	74.00	-30.40	1.02 H	76	10.10	33.50
7	4924.00	58.80 PK	74.00	-15.20	1.23 H	173	20.91	37.89
7	4924.00	45.35 AV	54.00	-8.65	1.23 H	173	7.46	37.89
8	7386.00	51.86 PK	74.00	-22.14	1.21 H	13	9.96	41.90
8	7386.00	40.26 AV	54.00	-13.74	1.21 H	13	-1.64	41.90

*(The test data is in accordance with ADT Report No.: 940711L09.)

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

EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	FREQUENCY RANGE	1 ~ 25GHz
CHANNEL	Channel 11	DETECTOR FUNCTION	Peak(PK) Average (AV)
MODULATION TYPE	BPSK	ENVIRONMENTAL CONDITIONS	27deg. C, 65%RH, 991hPa
TRANSFER RATE	6Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

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)	Correction Factor (dB/m)
1	2016.00	43.29 PK	74.00	-30.71	1.13 V	238	13.02	30.27
2	2236.00	42.98 PK	74.00	-31.02	1.00 V	322	11.98	31.00
3	*2462.00	98.93 PK			1.00 V	320	67.26	31.67
3	*2462.00	88.97 AV			1.00 V	320	57.30	31.67
4	2483.50	48.13 PK	74.00	-25.87	1.00 V	320	16.40	31.73
5	2688.00	57.82 PK	78.93	-21.11	1.00 V	329	25.22	32.60
5	2688.00	54.43 AV	68.97	-14.54	1.00 V	329	21.83	32.60
6	2908.00	42.06 PK	74.00	-31.94	1.12 V	315	8.56	33.50
7	4924.00	56.51 PK	74.00	-17.49	1.13 V	8	18.62	37.89
7	4924.00	43.29 AV	54.00	-10.71	1.13 V	8	5.40	37.89
8	7386.00	51.02 PK	74.00	-22.98	1.16 V	309	9.12	41.90
8	7386.00	39.14 AV	54.00	-14.86	1.16 V	309	-2.76	41.90

*(The test data is in accordance with ADT Report No.: 940711L09.)

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

802.11g Turbo OFDM modulation

EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	FREQUENCY RANGE	1 ~ 25GHz
CHANNEL	Channel 6	DETECTOR FUNCTION	Peak(PK) Average (AV)
MODULATION TYPE	BPSK	ENVIRONMENTAL CONDITIONS	27deg. C, 65%RH, 991hPa
TRANSFER RATE	12Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2016.00	48.76 PK	74.00	-25.24	1.15 H	67	18.49	30.27
2	2168.00	43.26 PK	74.00	-30.74	1.13 H	309	12.47	30.79
3	2390.00	52.49 PK	74.00	-21.51	1.27 H	68	21.04	31.45
3	2390.00	41.61 AV	54.00	-12.39	1.27 H	68	10.16	31.45
4	*2437.00	101.94 PK			1.27 H	68	70.35	31.59
4	*2437.00	92.60 AV			1.27 H	68	61.01	31.59
5	2483.50	50.95 PK	74.00	-23.05	1.27 H	68	19.22	31.73
5	2483.50	41.61 AV	54.00	-12.39	1.27 H	68	9.88	31.73
6	2688.00	63.59 PK	81.94	-18.35	1.14 H	75	30.99	32.60
6	2688.00	59.84 AV	72.60	-12.76	1.14 H	75	27.24	32.60
7	2858.00	43.33 PK	74.00	-30.67	1.10 H	62	10.01	33.32
8	4874.00	51.21 PK	74.00	-22.79	1.07 H	181	13.46	37.75
8	4874.00	36.54 AV	54.00	-17.46	1.07 H	181	-1.21	37.75
9	7311.00	54.98 PK	74.00	-19.02	1.12 H	61	13.33	41.65
9	7311.00	35.79 AV	54.00	-18.21	1.12 H	61	-5.86	41.65

*(The test data is in accordance with ADT Report No.: 940711L09.)

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



EUT	108Mbps 802.11g MIMO Wireless PC Card	MEASUREMENT DETAIL	
MODEL	TEW-601PC	FREQUENCY RANGE	1 ~ 25GHz
CHANNEL	Channel 6	DETECTOR FUNCTION	Peak(PK) Average (AV)
MODULATION TYPE	BPSK	ENVIRONMENTAL CONDITIONS	27deg. C, 65%RH, 991hPa
TRANSFER RATE	12Mbps	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Long Chen		

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)	Correction Factor (dB/m)
1	2016.00	43.83 PK	74.00	-30.17	1.10 V	265	13.56	30.27
2	2186.00	41.07 PK	74.00	-32.93	1.36 V	339	10.21	30.86
3	2390.00	42.16 PK	74.00	-31.84	1.00 V	320	10.71	31.45
4	*2437.00	91.61 PK			1.00 V	320	60.02	31.59
4	*2437.00	81.70 AV			1.00 V	320	50.11	31.59
5	2483.50	40.62 PK	74.00	-33.38	1.00 V	320	8.89	31.73
6	2688.00	59.87 PK	71.61	-11.74	1.06 V	330	27.27	32.60
6	2688.00	54.32 AV	61.70	-7.38	1.06 V	330	21.72	32.60
7	2858.00	40.20 PK	74.00	-33.80	1.23 V	341	6.88	33.32
8	4874.00	49.36 PK	74.00	-24.64	1.12 V	336	11.61	37.75
9	7311.00	53.26 PK	74.00	-20.74	1.00 V	351	11.61	41.65
9	7311.00	34.91 AV	54.00	-19.09	1.00 V	351	-6.74	41.65

*(The test data is in accordance with ADT Report No.: 940711L09.)

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

4.3 6dB BANDWIDTH MEASUREMENT

4.3.1 LIMITS OF 6dB BANDWIDTH MEASUREMENT

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

4.3.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
SPECTRUM ANALYZER	FSEK30	100049	Aug. 12, 2005

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

4.3.3 TEST PROCEDURE

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

4.3.4 DEVIATION FROM TEST STANDARD

No deviation.

4.3.5 TEST SETUP



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

4.3.6 EUT OPERATING CONDITIONS

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

4.3.7 TEST RESULTS

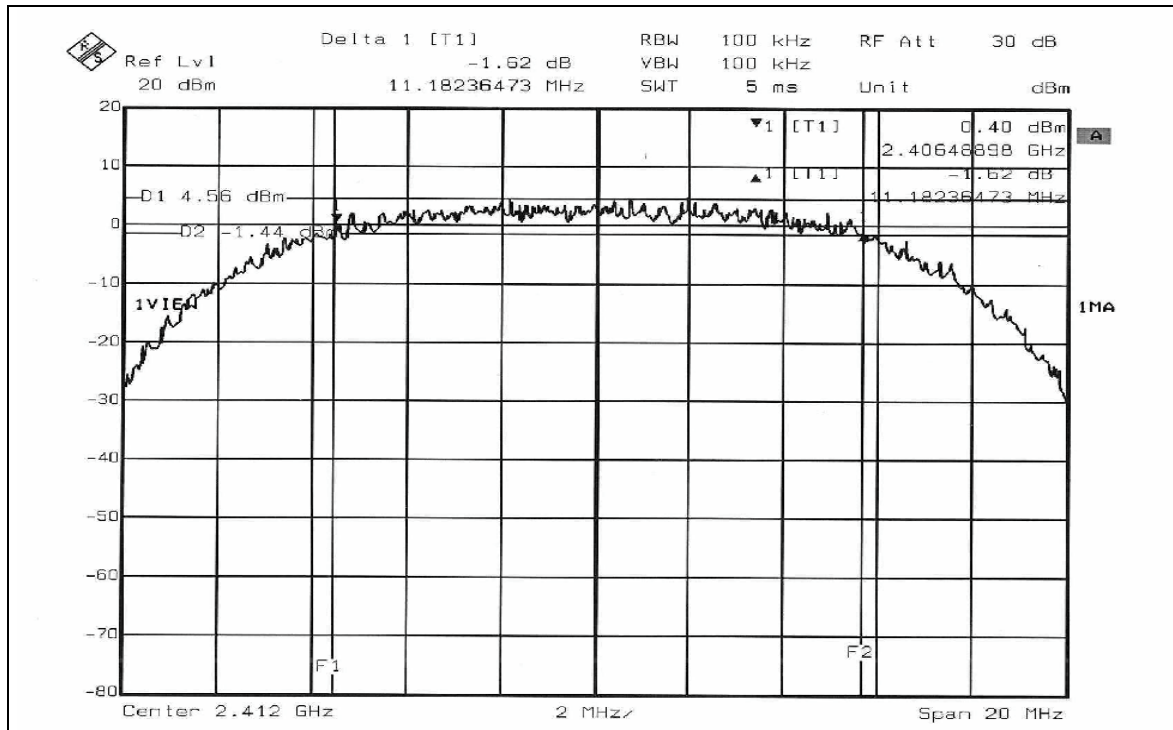
802.11b DSSS modulation

EUT	108Mbps 802.11g MIMO Wireless PC Card	MODEL	TEW-601PC
MODULATION TYPE	CCK	TRANSFER RATE	11Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	ENVIRONMENTAL CONDITIONS	27deg. C, 63%RH, 991hPa
TESTED BY	Long Chen		

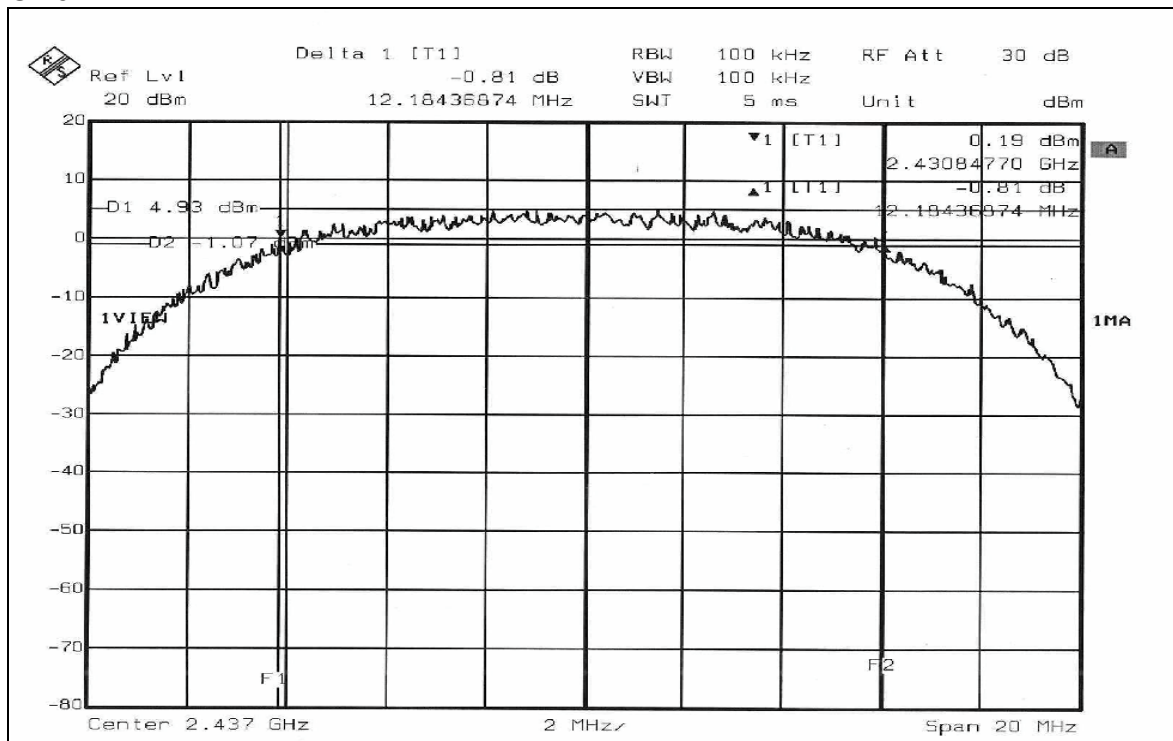
CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	11.18	0.5	PASS
6	2437	12.18	0.5	PASS
11	2462	11.86	0.5	PASS

*(The test data is in accordance with ADT Report No.: 940711L09.)

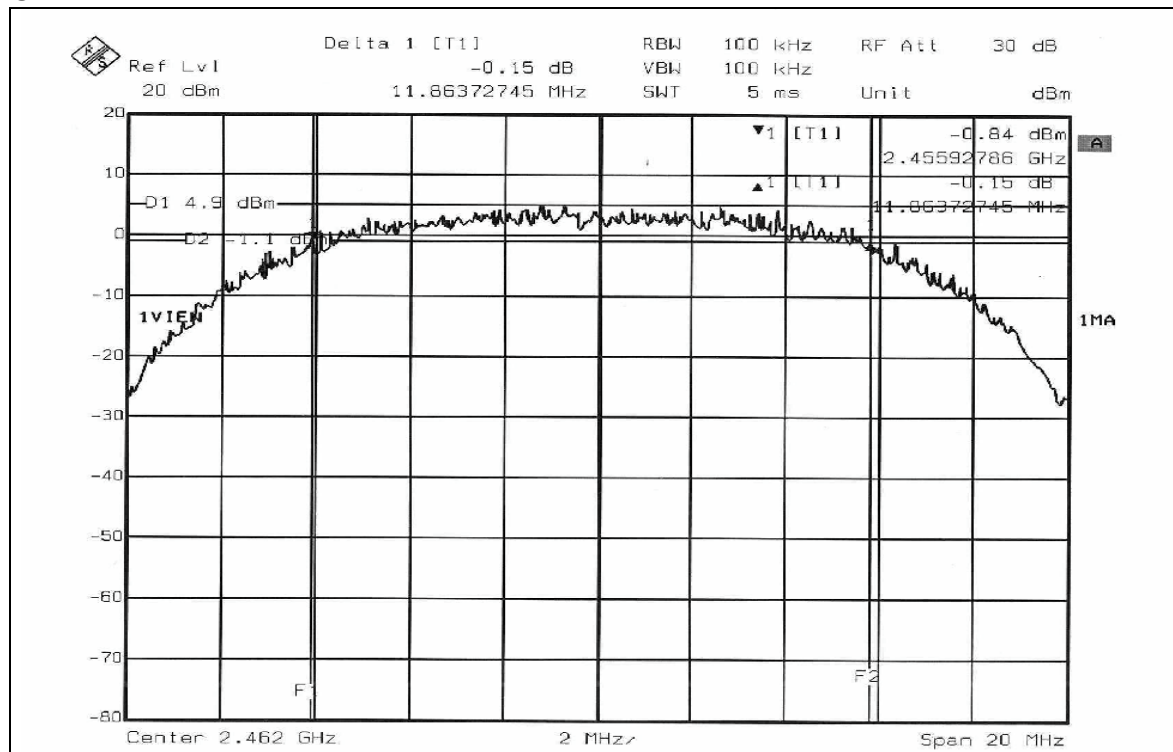
CH1



CH6



CH11



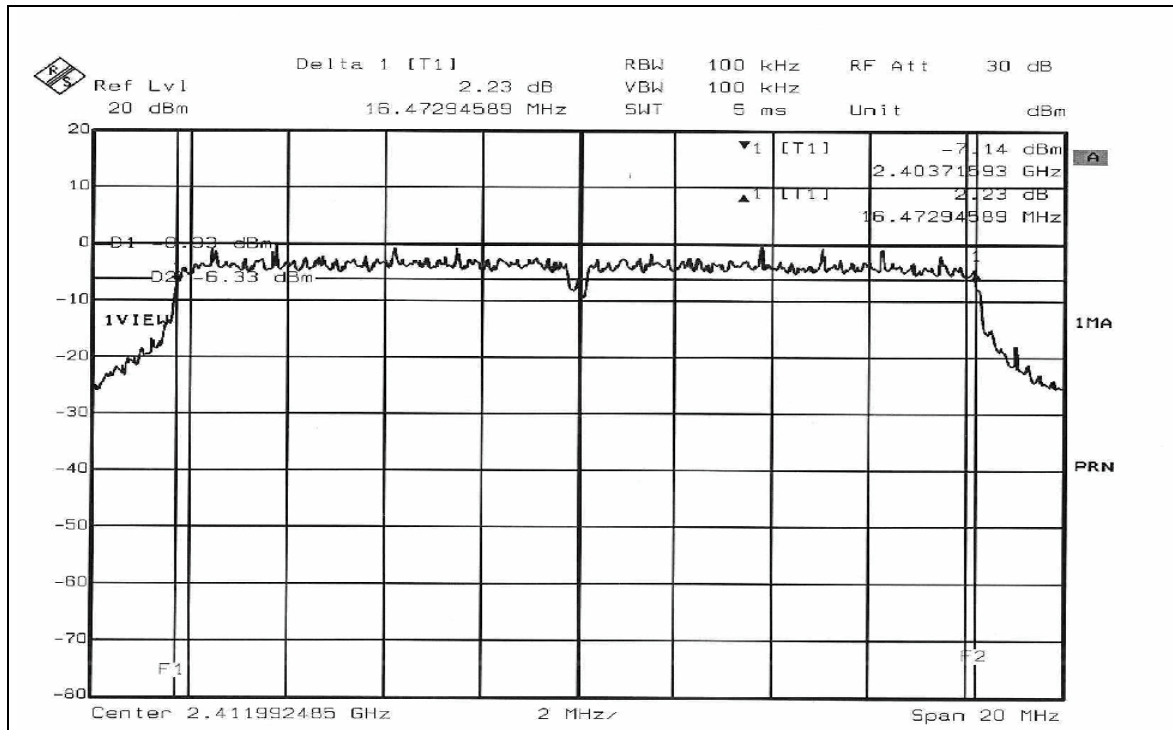
**802.11g OFDM modulation**

EUT	108Mbps 802.11g MIMO Wireless PC Card	MODEL	TEW-601PC
MODULATION TYPE	BPSK	TRANSFER RATE	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	ENVIRONMENTAL CONDITIONS	27deg. C, 63%RH, 991hPa
TESTED BY	Long Chen		

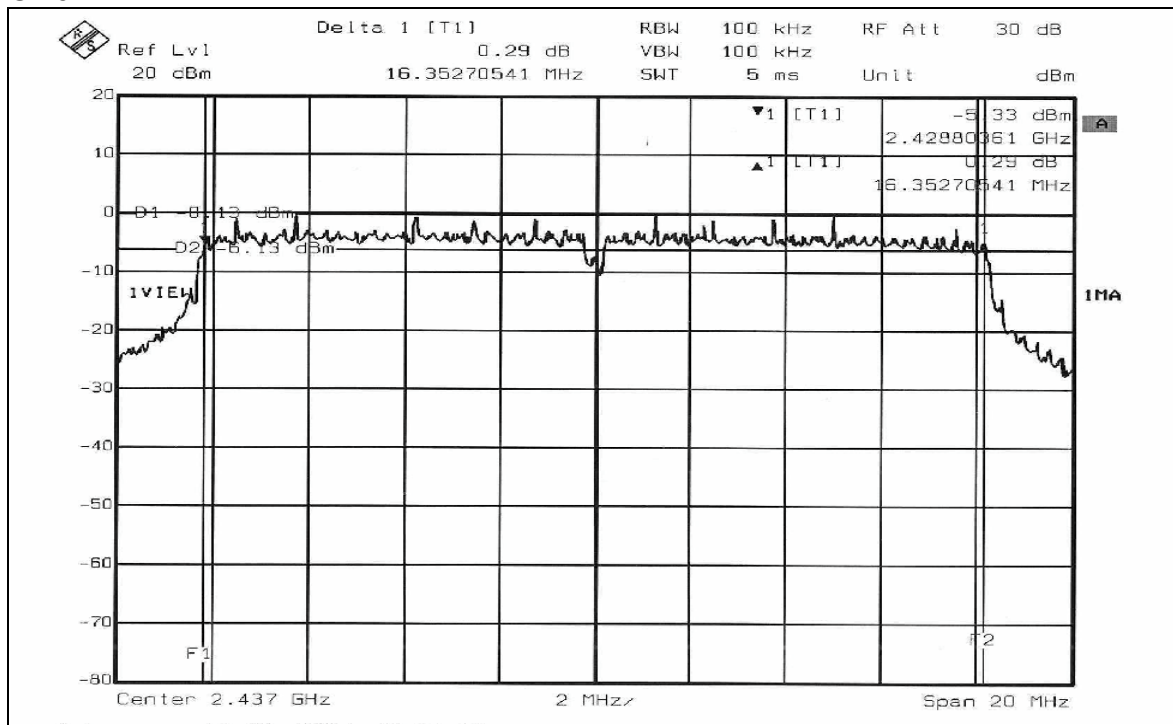
CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	16.47	0.5	PASS
6	2437	16.35	0.5	PASS
11	2462	16.35	0.5	PASS

*(The test data is in accordance with ADT Report No.: 940711L09.)

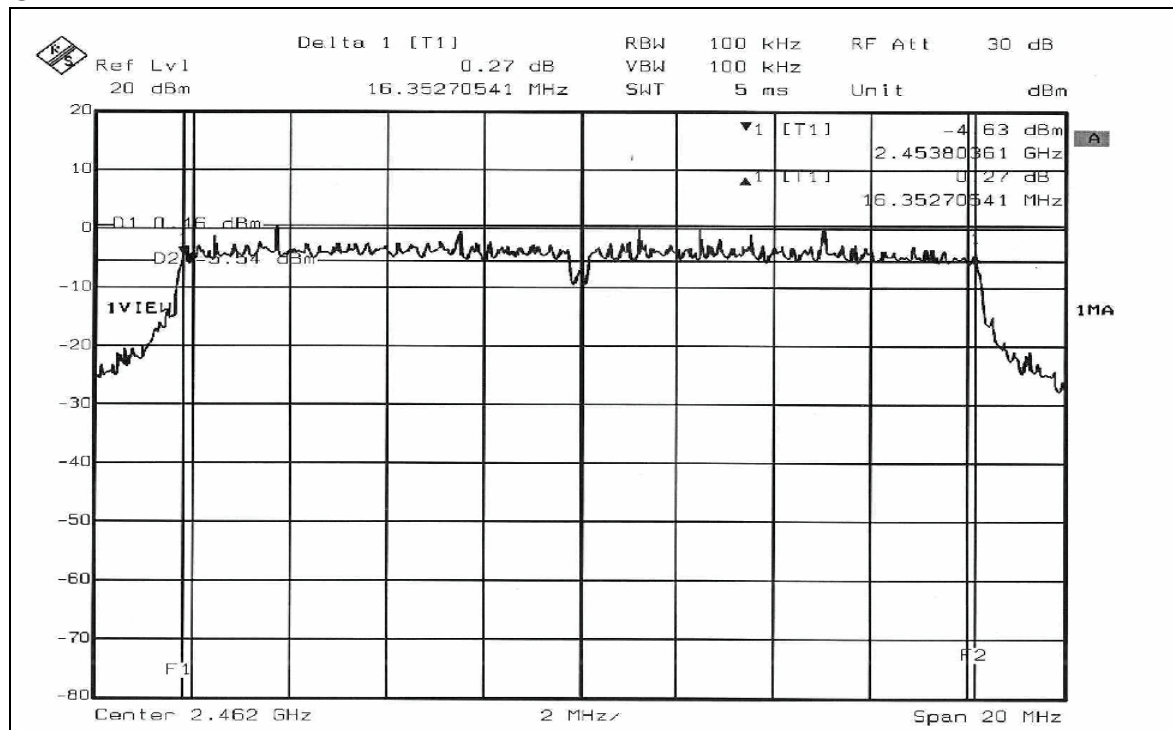
CH1



CH6



CH11



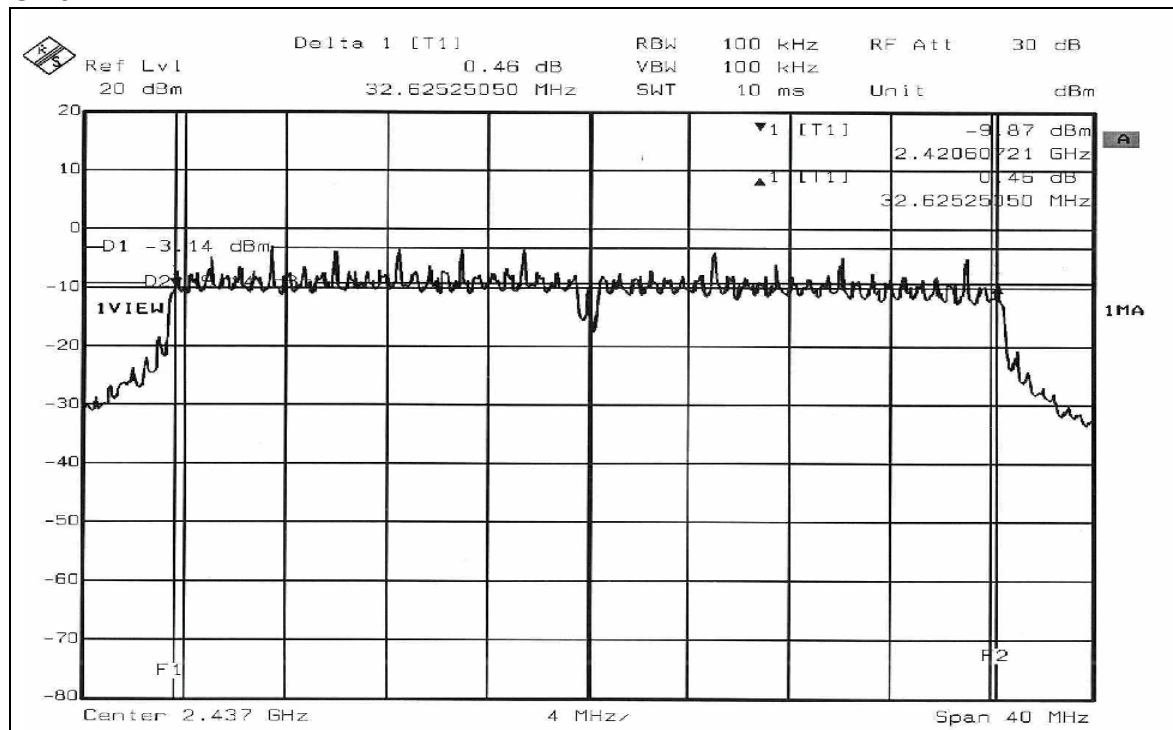
**802.11g Turbo OFDM modulation**

EUT	108Mbps 802.11g MIMO Wireless PC Card	MODEL	TEW-601PC
MODULATION TYPE	BPSK	TRANSFER RATE	12Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	ENVIRONMENTAL CONDITIONS	27deg. C, 63%RH, 991hPa
TESTED BY	Long Chen		

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
6	2437	32.63	0.5	PASS

*(The test data is in accordance with ADT Report No.: 940711L09.)

CH6



4.4 MAXIMUM PEAK OUTPUT POWER

4.4.1 LIMITS OF MAXIMUM PEAK OUTPUT POWER MEASUREMENT

The Maximum Peak Output Power Measurement is 30dBm.

4.4.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
R&S SPECTRUM ANALYZER	FSEK30	100049	Aug. 12, 2005
AGILENT SIGNAL GENERATOR	E8257C	MY43320668	Dec. 06, 2005
TEKTRONIX OSCILLOSCOPE	TDS 220	C019167	Feb. 01, 2006
NARDA DETECTOR	4503A	FSCM99899	NA

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

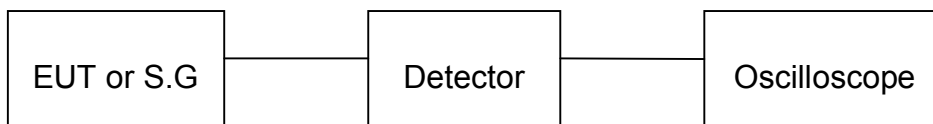
4.4.3 TEST PROCEDURES

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

4.4.4 DEVIATION FROM TEST STANDARD

No deviation.

4.4.5 TEST SETUP



4.4.6 EUT OPERATING CONDITIONS

Same as Item 4.3.6.

4.4.7 TEST RESULTS

802.11b DSSS modulation

EUT	108Mbps 802.11g MIMO Wireless PC Card	MODEL	TEW-601PC
MODULATION TYPE	CCK	TRANSFER RATE	11Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	ENVIRONMENTAL CONDITIONS	27deg. C, 63%RH, 991hPa
TESTED BY	Long Chen		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	50.699	17.05	30	PASS
6	2437	50.234	17.01	30	PASS
11	2462	50.350	17.02	30	PASS

*(The test data is in accordance with ADT Report No.: 940711L09.)

802.11g OFDM modulation

EUT	108Mbps 802.11g MIMO Wireless PC Card	MODEL	TEW-601PC
MODULATION TYPE	BPSK	TRANSFER RATE	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	ENVIRONMENTAL CONDITIONS	27deg. C, 63%RH, 991hPa
TESTED BY	Long Chen		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	50.816	17.06	30	PASS
6	2437	51.050	17.08	30	PASS
11	2462	50.699	17.05	30	PASS

*(The test data is in accordance with ADT Report No.: 940711L09.)

802.11g Turbo OFDM modulation

EUT	108Mbps 802.11g MIMO Wireless PC Card	MODEL	TEW-601PC
MODULATION TYPE	BPSK	TRANSFER RATE	12Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	ENVIRONMENTAL CONDITIONS	27deg. C, 63%RH, 991hPa
TESTED BY	Long Chen		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
6	2437	50.699	17.05	30	PASS

*(The test data is in accordance with ADT Report No.: 940711L09.)

4.5 POWER SPECTRAL DENSITY MEASUREMENT

4.5.1 LIMITS OF POWER SPECTRAL DENSITY MEASUREMENT

The Maximum of Power Spectral Density Measurement is 8dBm.

4.5.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
SPECTRUM ANALYZER	FSEK30	100049	Aug. 12, 2005

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

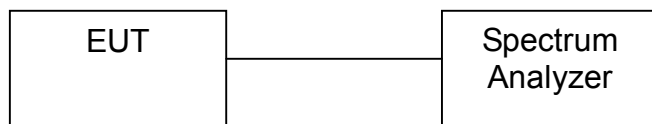
4.5.3 TEST PROCEDURE

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

4.5.4 DEVIATION FROM TEST STANDARD

No deviation.

4.5.5 TEST SETUP



4.5.6 EUT OPERATING CONDITIONS

Same as 4.3.6.

4.5.7 TEST RESULTS

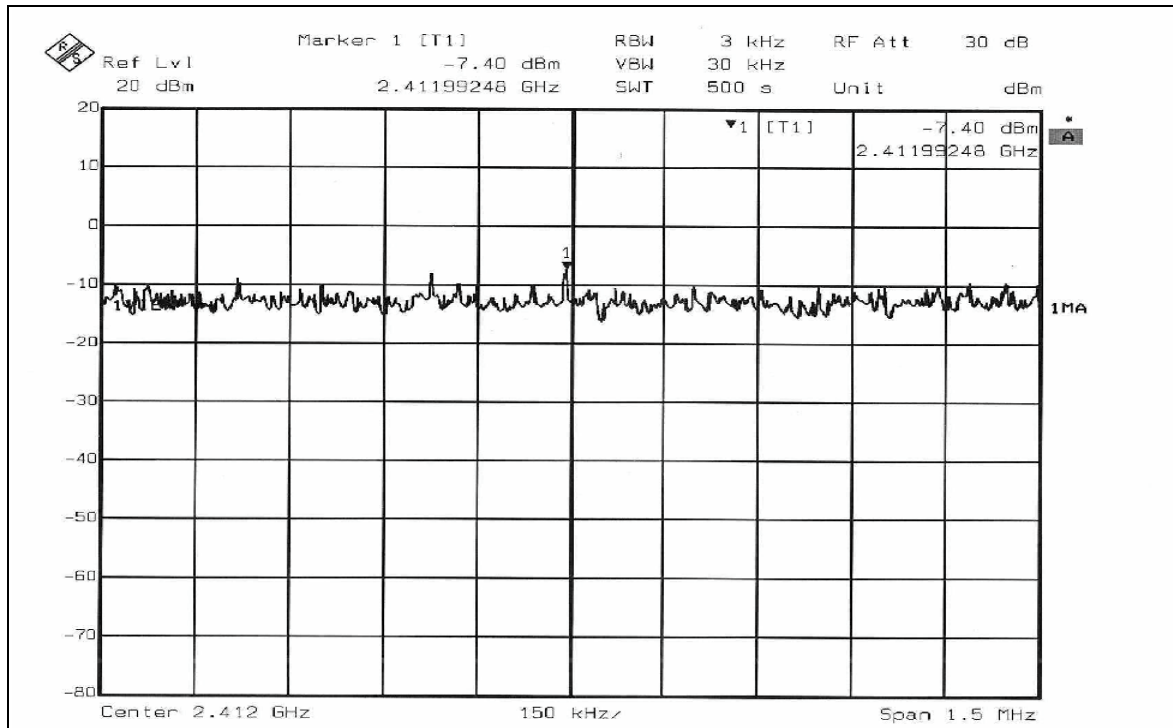
802.11b DSSS modulation

EUT	108Mbps 802.11g MIMO Wireless PC Card	MODEL	TEW-601PC
MODULATION TYPE	CCK	TRANSFER RATE	11Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	ENVIRONMENTAL CONDITIONS	27deg. C, 63%RH, 991hPa
TESTED BY	Long Chen		

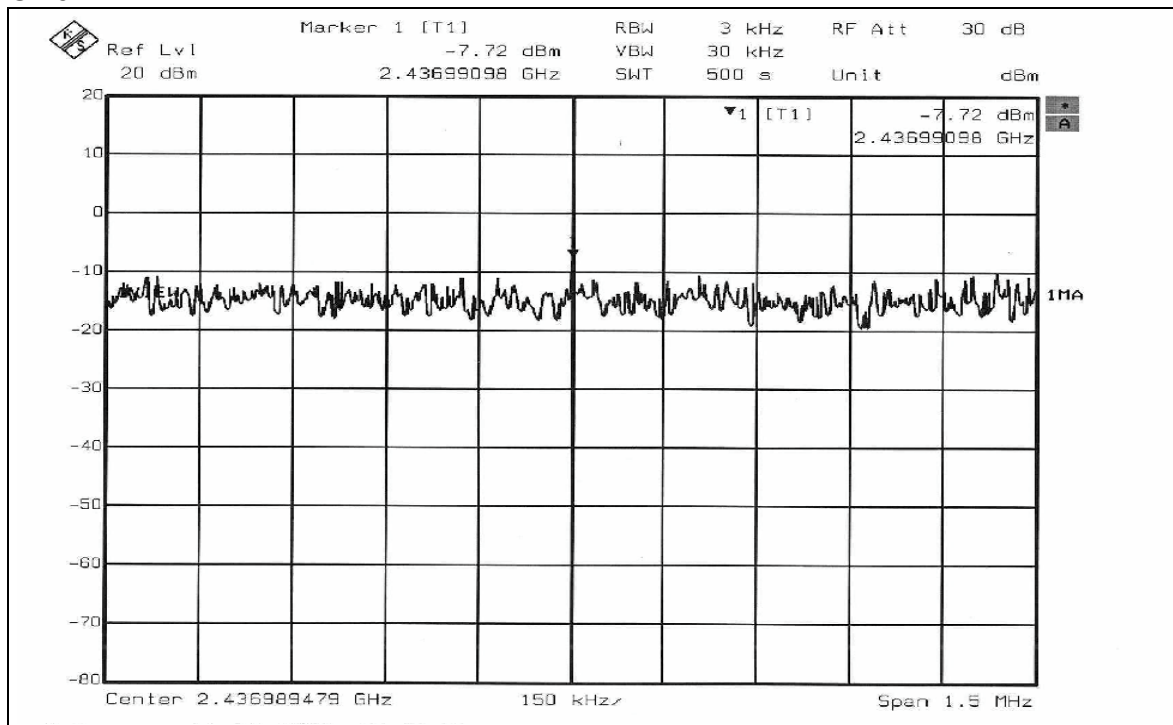
CHANNEL	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3 kHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS/FAIL
1	2412	-7.40	8	PASS
6	2437	-7.72	8	PASS
11	2462	-7.42	8	PASS

*(The test data is in accordance with ADT Report No.: 940711L09.)

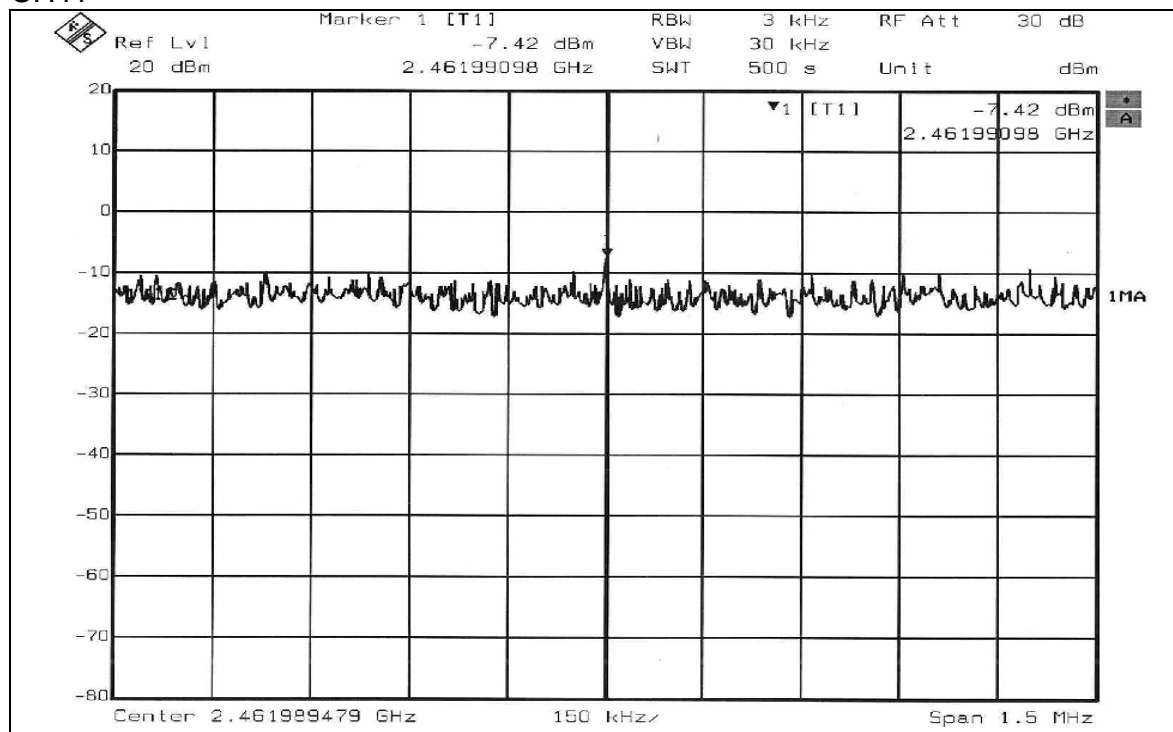
CH1



CH6



CH11



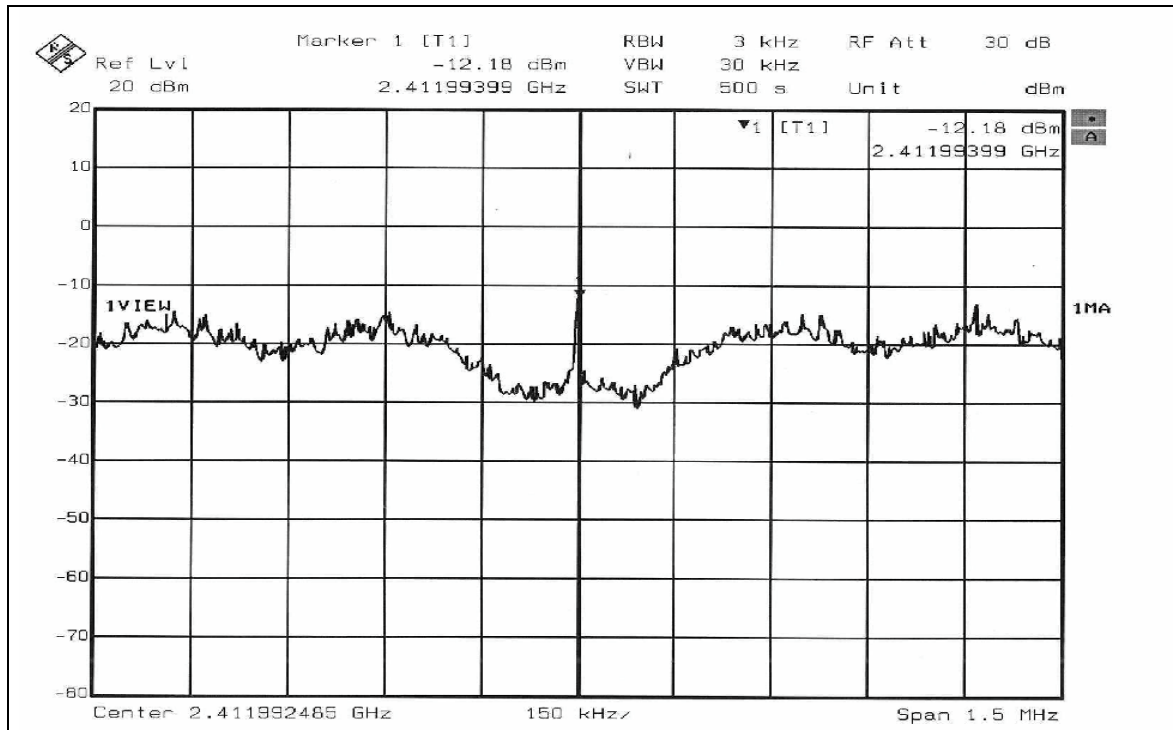
802.11g OFDM modulation

EUT	108Mbps 802.11g MIMO Wireless PC Card	MODEL	TEW-601PC
MODULATION TYPE	BPSK	TRANSFER RATE	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	ENVIRONMENTAL CONDITIONS	27deg. C, 63%RH, 991hPa
TESTED BY	Long Chen		

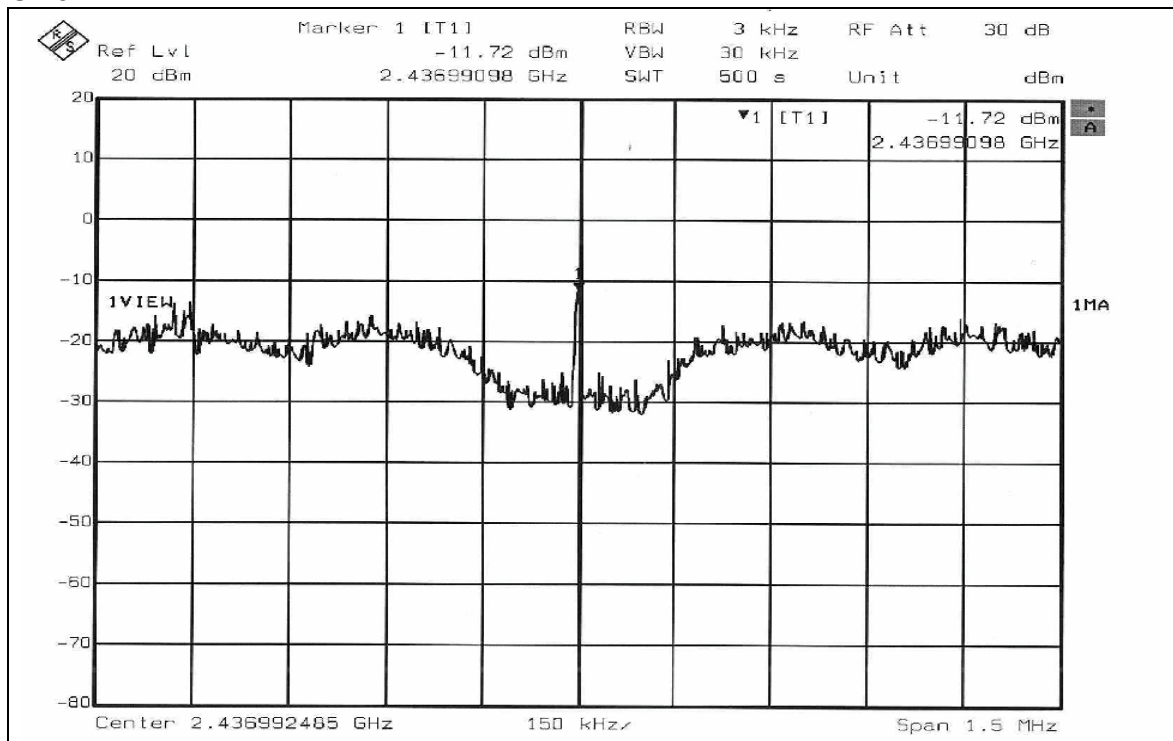
CHANNEL	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3 kHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS/FAIL
1	2412	-12.18	8	PASS
6	2437	-11.72	8	PASS
11	2462	-12.01	8	PASS

*(The test data is in accordance with ADT Report No.: 940711L09.)

CH1



CH6



CH11

