



FCC TEST REPORT

REPORT NO. : RF970612L16

MODEL NO. : PA3674U (refer to item 3.1 for more details)

RECEIVED : Jun. 12, 2008

TESTED : Jun. 17, ~ Jun. 18, 2008

ISSUED : Jun. 23, 2008

APPLICANT : Toshiba Corporation

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ISSUED BY : Advance Data Technology Corporation

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Shan Hsiang, Taoyuan Hsien 333, Taiwan, R.O.C.

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1. CERTIFICATION

PRODUCT: Wireless Presenter (refer to item 3.1 for more details)

MODEL NO.: PA3674U (refer to item 3.1 for more details)

BRAND: TOSHIBA

APPLICANT: Toshiba Corporation

TESTED: Jun. 17, ~ Jun. 18, 2008

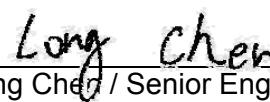
TEST SAMPLE: ENGINEERING SAMPLE

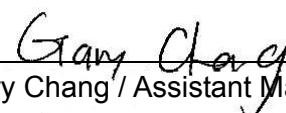
STANDARDS: FCC Part 15, Subpart C (Section 15.249)

ANSI C63.4-2003

The above equipment (model: PA3674U) have been tested by **Advance Data Technology Corporation**, 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 :  , DATE : Jun. 23, 2008
Joanna Wang / Senior Specialist

**TECHNICAL
ACCEPTANCE** :  , DATE : Jun. 23, 2008
Responsible for RF : Long Chen / Senior Engineer

APPROVED BY :  , DATE : Jun. 23, 2008
Gary Chang / Assistant Manager



2. SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 15, Subpart C (Section 15.249)			
STANDARD PARAGRAPH	TEST TYPE	RESULT	REMARK
15.207	Conducted Emission Test	NA	Power supply is 1.5Vdc from battery.
15.209	Radiated Emission Test		
15.249	Band Edge Measurement		Meet the requirement of limit.
15.249 (d)	Limit: 50dB less than the peak value of fundamental frequency or meet radiated emission limit in section 15.209	PASS	Minimum passing margin is -1.56dB at 4810.00MHz.

2.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	FREQUENCY	UNCERTAINTY
Radiated emissions	30MHz ~ 200MHz	3.34 dB
	200MHz ~ 1000MHz	3.35 dB
	1GHz ~ 18GHz	2.26 dB
	18GHz ~ 40GHz	1.94 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

EUT	Wireless Presenter (refer to NOTE 1 for more details)
MODEL NO.	PA3674U (refer to NOTE 1 for more details)
FCC ID	CJ6UPA3674RF
POWER SUPPLY	1.5Vdc form battery
MODULATION TYPE	GFSK
FREQUENCY RANGE	2405 ~ 2477 MHz
NUMBER OF CHANNEL	73
ANTENNA TYPE	Printed antenna with 1.27dBi gain
DATA CABLE	NA
I/O PORT	NA
ACCESSORY DEVICES	NA

NOTE:

1. A set of the EUT include transmitter and receiver. This report covers transmitter only. The receiver is covered in another test report which report no. is FD970612L16.
2. The models as below are identical to each other expect for their model designation and product name due to marketing requirement.

MODEL	PRODUCT NAME	DESCRIPTION
PA3674U	Wireless Presenter	For marketing different
PA3674E	Presenter W10	For marketing different

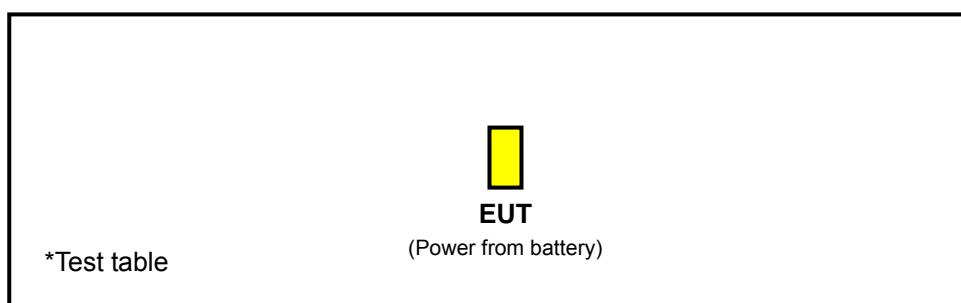
3. The above EUT information was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.

3.2 DESCRIPTION OF TEST MODES

73 channels are provided to this EUT.

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	2405.00	26	2430.00	51	2455.00
2	2406.00	27	2431.00	52	2456.00
3	2407.00	28	2432.00	53	2457.00
4	2408.00	29	2433.00	54	2458.00
5	2409.00	30	2434.00	55	2459.00
6	2410.00	31	2435.00	56	2460.00
7	2411.00	32	2436.00	57	2461.00
8	2412.00	33	2437.00	58	2462.00
9	2413.00	34	2438.00	59	2463.00
10	2414.00	35	2439.00	60	2464.00
11	2415.00	36	2440.00	61	2465.00
12	2416.00	37	2441.00	62	2466.00
13	2417.00	38	2442.00	63	2467.00
14	2418.00	39	2443.00	64	2468.00
15	2419.00	40	2444.00	65	2469.00
16	2420.00	41	2445.00	66	2470.00
17	2421.00	42	2446.00	67	2471.00
18	2422.00	43	2447.00	68	2472.00
19	2423.00	44	2448.00	69	2473.00
20	2424.00	45	2449.00	70	2474.00
21	2425.00	46	2450.00	71	2475.00
22	2426.00	47	2451.00	72	2476.00
23	2427.00	48	2452.00	73	2477.00
24	2428.00	49	2453.00		
25	2429.00	50	2454.00		

3.2.1 CONFIGURATION OF SYSTEM UNDER TEST





3.2.2 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

EUT CONFIGURE MODE	APPLICABLE TO				DESCRIPTION
	RE \geq 1G	RE $<$ 1G	PLC	BM	
-	✓	✓	NOTE	✓	-

Where **PLC**: Power Line Conducted Emission

RE $<$ 1G: Radiated Emission below 1GHz

RE \geq 1G: Radiated Emission above 1GHz

BM: Bandedge Measurement

NOTE: No need to concern of Conducted Emission due to the EUT is powered by battery.

RADIATED EMISSION TEST (ABOVE 1 GHz):

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

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TYPE	AXIS
1 to 73	1, 43, 73	GFSK	X

RADIATED EMISSION TEST (BELOW 1 GHz):

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

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TYPE	AXIS
1 to 73	73	GFSK	X

BANDEDGE MEASUREMENT:

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

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TYPE
1 to 73	1, 73	GFSK



3.3 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC Part 15, Subpart C (Section 15.249)

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.



4. TEST TYPES AND RESULTS

4.1 RADIATED EMISSION MEASUREMENT

4.1.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209, 15.249 as following:

15.209 Limit		
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

15.249 Limit		
Fundamental Frequency	Field Strength of Fundamental (millivolts/meter)	Field Strength of Harmonics (microvolts/meter)
902 ~ 928 MHz	50	500
2400 ~ 2483.5 MHz	50	500
5725 ~ 5875 MHz	50	500
24 ~ 24.25 GHz	250	2500

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dB_uV/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.



4.1.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
Test Receiver ROHDE & SCHWARZ	ESCI	100424	Jul. 27, 2008
Spectrum Analyzer Agilent	E4446A	MY44360128	Dec. 06, 2008
BILOG Antenna SCHWARZBECK	VULB9168	9168-160	May 01, 2009
HORN Antenna SCHWARZBECK	9120D	9120D-209	Jun. 28, 2008
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170243	Dec. 24, 2008
Preamplifier Agilent	8447D	2944A10633	Oct. 28, 2008
Preamplifier Agilent	8449B	3008A01964	Oct. 23, 2008
RF signal cable HUBER+SUHNNER	SUCOFLEX 104	283402/4	Dec. 06, 2008
RF signal cable HUBER+SUHNNER	SUCOFLEX 104	251644/4	Dec. 06, 2008
Software ADT.	ADT_Radiated_V7.6	NA	NA
Antenna Tower inn-co GmbH	MA 4000	013303	NA
Antenna Tower Controller inn-co GmbH	CO2000	017303	NA
Turn Table ADT.	TT100.	TT93021703	NA
Turn Table Controller ADT.	SC100.	SC93021703	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 3.
3. The horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
4. The FCC Site Registration No. is 988962.
5. The IC Site Registration No. is IC3789B-3.



4.1.3 TEST PROCEDURES

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter 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 or average method as specified and then reported in a data sheet.

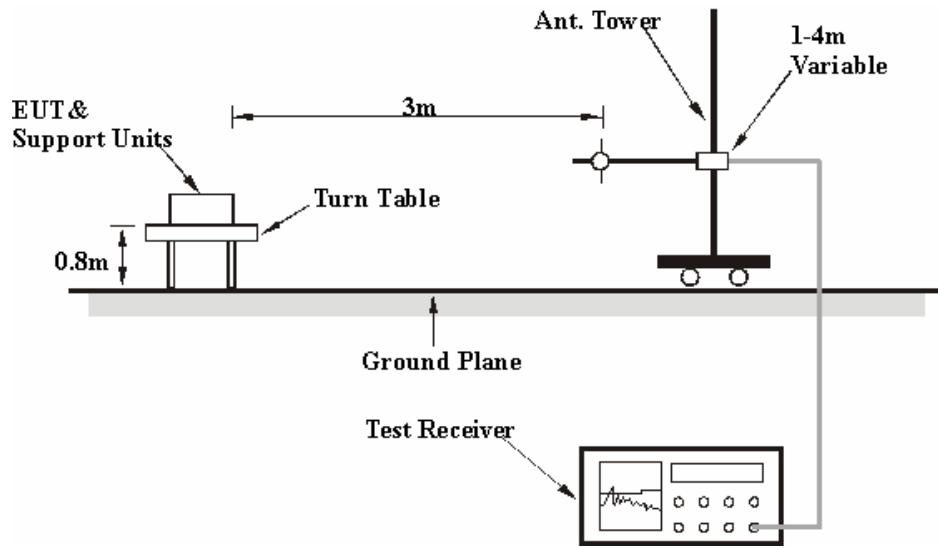
NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
3. All modes of operation were investigated and the worst-case emissions are reported.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation.

4.1.5 TEST SETUP



For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.1.6 EUT OPERATING CONDITIONS

Set the EUT under transmission condition continuously at specific channel frequency.



4.1.7 TEST RESULTS

ABOVE 1GHz WORST-CASE DATA

EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 1	FREQUENCY RANGE	1 ~ 25GHz
MODULATION TYPE	GFSK	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 70%RH, 1008hPa	TESTED BY	Mark Liao

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	2390.00	41.59 PK	74.00	-32.41	1.40 H	126	9.86	31.73
2	2390.00	27.14 AV	54.00	-26.86	1.40 H	126	-4.59	31.73
3	2400.00	34.44 PK	74.00	-39.56	1.40 H	126	2.67	31.77
4	2400.00	34.44 AV	54.00	-19.56	1.40 H	126	2.67	31.77
5	*2405.00	92.08 PK	114.00	-21.92	1.40 H	126	60.29	31.79
6	*2405.00	92.08 AV	94.00	-1.92	1.40 H	126	60.29	31.79
7	4810.00	55.42 PK	74.00	-18.58	1.35 H	188	17.36	38.06
8	4810.00	52.44 AV	54.00	-1.56	1.35 H	188	14.38	38.06

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	2390.00	40.74 PK	74.00	-33.26	1.41 V	178	9.01	31.73
2	2390.00	27.18 AV	54.00	-26.82	1.41 V	178	-4.55	31.73
3	2400.00	33.38 PK	74.00	-40.62	1.41 V	178	1.61	31.77
4	2400.00	33.38 AV	54.00	-20.62	1.41 V	178	1.61	31.77
5	*2405.00	83.87 PK	114.00	-30.13	1.41 V	178	52.08	31.79
6	*2405.00	83.87 AV	94.00	-10.13	1.41 V	178	52.08	31.79
7	4810.00	52.72 PK	74.00	-21.28	1.38 V	258	14.66	38.06
8	4810.00	47.44 AV	54.00	-6.56	1.38 V	258	9.38	38.06

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
6. The average value of fundamental frequency is: Average = Peak value + 20log(Duty cycle) Where the duty factor is calculated from following formula:
20log(Duty cycle) = 20log(100%) = 0dB
Please see page 16 for plotted duty



EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 43	FREQUENCY RANGE	1 ~ 25GHz
MODULATION TYPE	GFSK	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 70%RH, 1008hPa	TESTED BY	Mark Liao

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	*2447.00	91.46 PK	114.00	-22.54	1.38 H	130	59.52	31.94
2	*2447.00	91.46 AV	94.00	-2.54	1.38 H	130	59.52	31.94
3	4894.00	56.30 PK	74.00	-17.70	1.34 H	7	18.03	38.27
4	4894.00	51.69 AV	54.00	-2.31	1.34 H	7	13.42	38.27

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	*2447.00	85.09 PK	114.00	-28.91	1.40 V	208	53.15	31.94
2	*2447.00	85.09 AV	94.00	-8.91	1.40 V	208	53.15	31.94
3	4894.00	52.25 PK	74.00	-21.75	1.39 V	44	13.98	38.27
4	4894.00	44.75 AV	54.00	-9.25	1.39 V	44	6.48	38.27

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
6. The average value of fundamental frequency is: Average = Peak value + $20\log(\text{Duty cycle})$ Where the duty factor is calculated from following formula:
 $20\log(\text{Duty cycle}) = 20\log(100\%) = 0\text{dB}$
Please see page 16 for plotted duty



EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 73	FREQUENCY RANGE	1 ~ 25GHz
MODULATION TYPE	GFSK	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 70%RH, 1008hPa	TESTED BY	Mark Liao

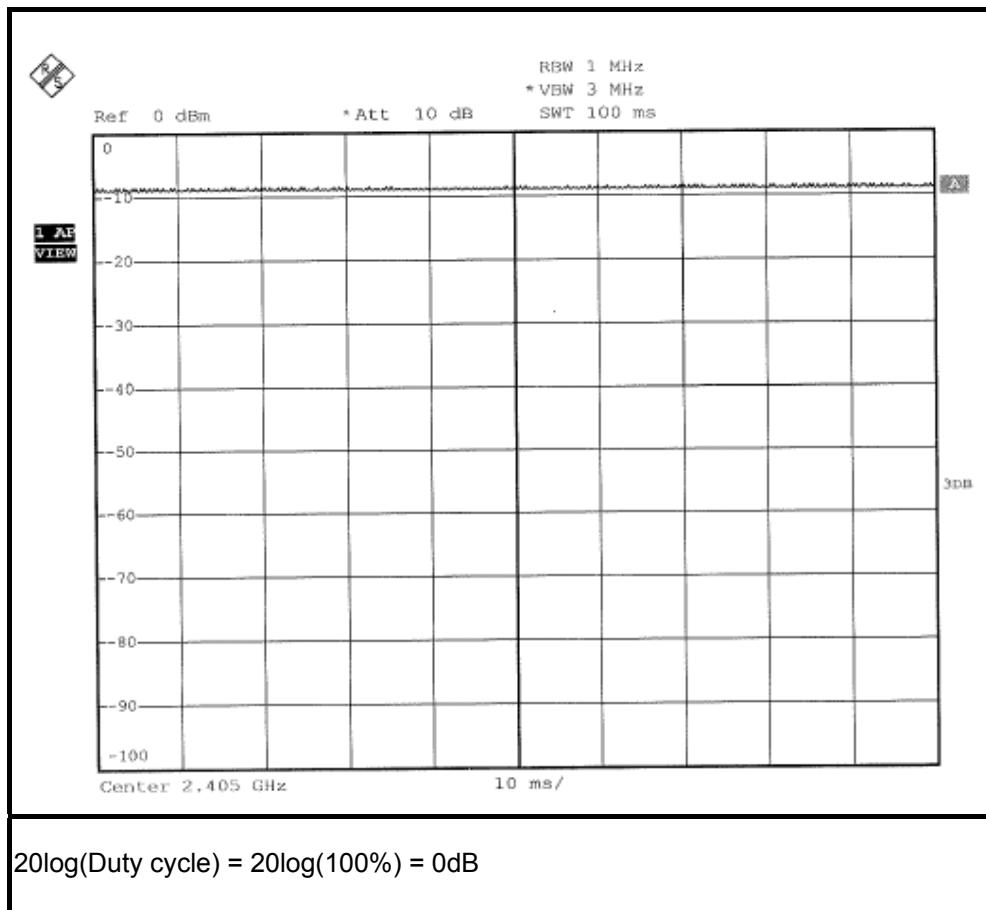
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2477.00	92.15 PK	114.00	-21.85	1.36 H	136	60.10	32.05
2	*2477.00	92.15 AV	94.00	-1.85	1.36 H	136	60.10	32.05
3	2483.50	32.23 PK	74.00	-41.77	1.36 H	136	0.16	32.07
4	2483.50	32.23 AV	54.00	-21.77	1.36 H	136	0.16	32.07
5	4954.00	55.51 PK	74.00	-18.49	1.05 H	334	17.07	38.44
6	4954.00	52.23 AV	54.00	-1.77	1.05 H	334	13.79	38.44

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	*2477.00	85.41 PK	114.00	-28.59	1.39 V	198	53.36	32.05
2	*2477.00	85.41 AV	94.00	-8.59	1.39 V	198	53.36	32.05
3	2483.50	30.91 PK	74.00	-43.09	1.39 V	198	-1.16	32.07
4	2483.50	30.91 AV	54.00	-23.09	1.39 V	198	-1.16	32.07
5	4954.00	53.35 PK	74.00	-20.65	1.47 V	222	14.91	38.44
6	4954.00	48.67 AV	54.00	-5.33	1.47 V	222	10.23	38.44

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
6. The average value of fundamental frequency is: Average = Peak value + 20log(Duty cycle) Where the duty factor is calculated from following formula:

$$20\log(\text{Duty cycle}) = 20\log(100\%) = 0\text{dB}$$
Please see page 16 for plotted duty



**RADIATED WORST-CASE DATA: BELOW 1GHz**

EUT TEST CONDITION		MEASUREMENT DETAIL		
CHANNEL		Channel 73		FREQUENCY RANGE
MODULATION TYPE		GFSK		DETECTOR FUNCTION
ENVIRONMENTAL CONDITIONS		25deg. C, 65%RH, 1006hPa		TESTED BY
				Brad Wu

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	358.48	20.21 QP	46.00	-25.79	2.00 H	46	3.54	16.67
2	457.64	20.98 QP	46.00	-25.02	1.50 H	298	1.44	19.54
3	562.64	22.06 QP	46.00	-23.94	2.00 H	166	0.51	21.56
4	659.85	26.03 QP	46.00	-19.97	1.00 H	85	2.32	23.71
5	722.07	24.91 QP	46.00	-21.09	1.00 H	175	0.07	24.84
6	780.40	25.97 QP	46.00	-20.03	1.00 H	103	0.17	25.79

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	144.61	15.70 QP	43.50	-27.80	1.50 V	157	1.77	13.93
2	228.22	15.49 QP	46.00	-30.51	2.00 V	157	2.97	12.52
3	286.55	18.08 QP	46.00	-27.92	1.50 V	151	3.25	14.83
4	358.48	17.35 QP	46.00	-28.65	2.50 V	91	0.68	16.67
5	529.58	21.04 QP	46.00	-24.96	1.50 V	295	0.19	20.86
6	792.06	25.90 QP	46.00	-20.10	1.00 V	253	0.06	25.85

REMARKS:

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



4.2 CONDUCTED EMISSION MEASUREMENT

NA

4.3 BAND EDGES MEASUREMENT

4.3.1 LIMITS OF BAND EDGES MEASUREMENT

Below –50dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).

4.3.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
SPECTRUM ANALYZER	FSP40	100040	Jun. 28, 2008

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 via a low loss cable. Set both RBW and VBW of spectrum analyzer to 100 kHz and 100 kHz with suitable frequency span including 100 MHz bandwidth from band edge. The band edges was measured and recorded.

The spectrum plots are attached on the following pages.

4.3.4 DEVIATION FROM TEST STANDARD

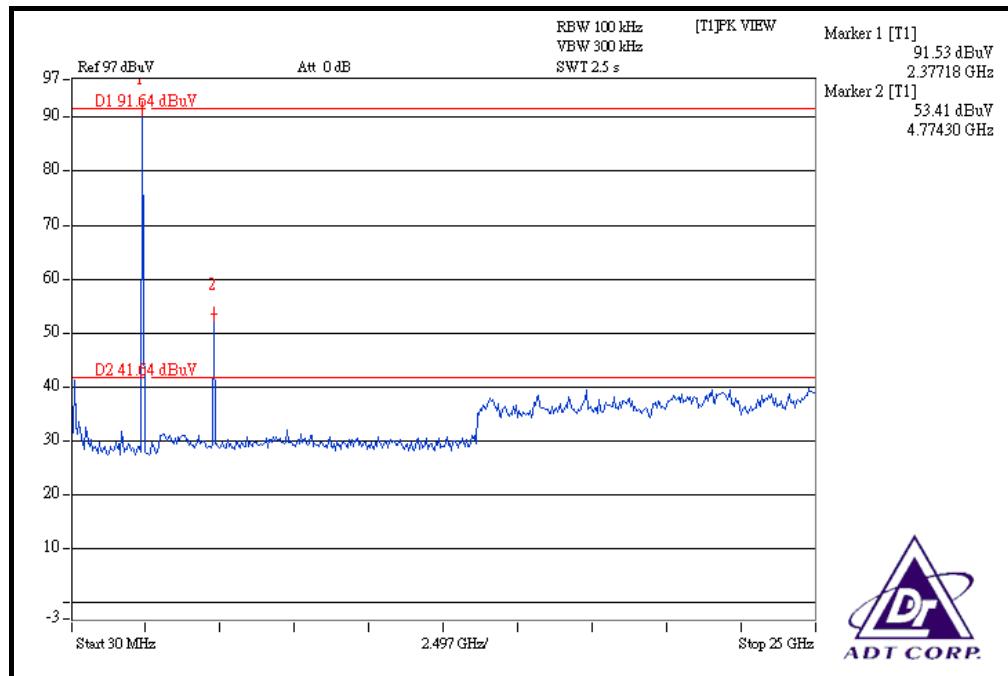
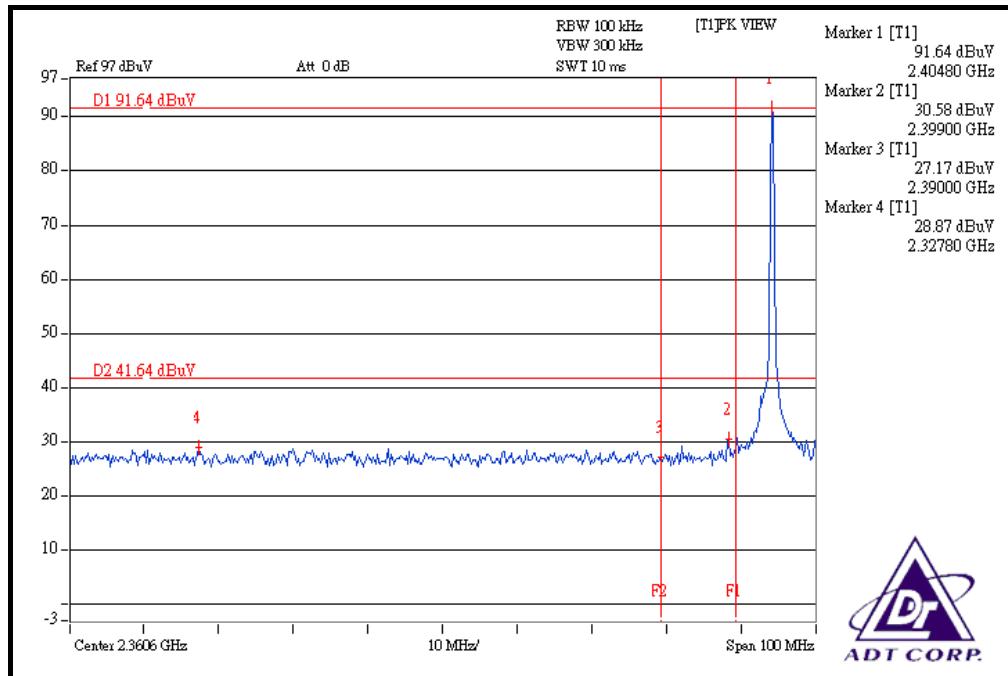
No deviation.

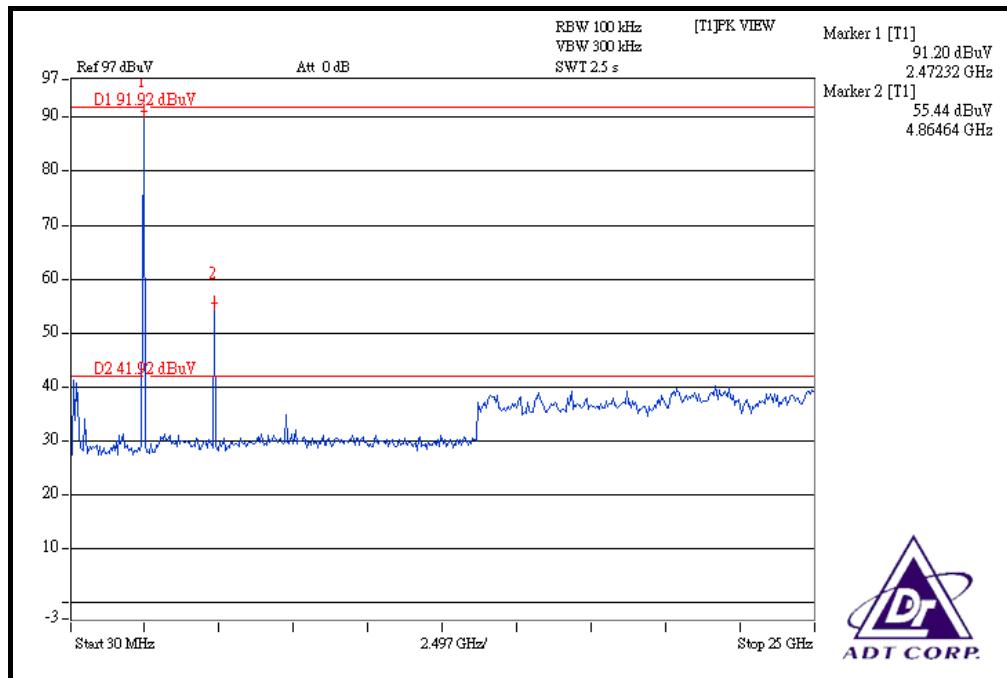
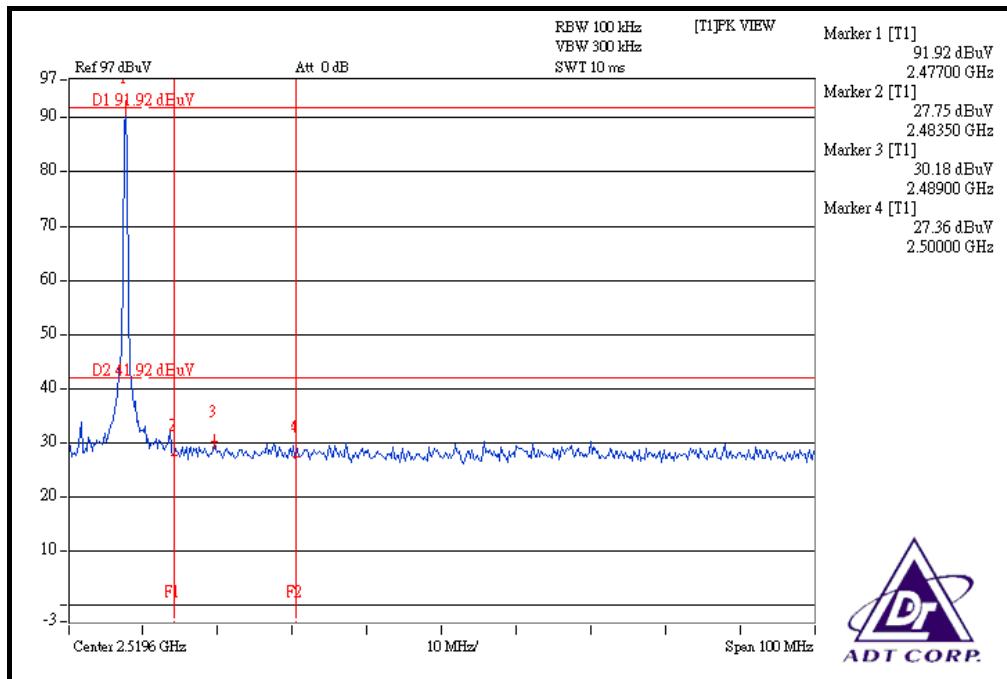
4.3.5 EUT OPERATING CONDITION

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

4.3.6 TEST RESULTS

The spectrum plots are attached on the following 4 images. D1 line indicates the highest level, and D2 line indicates the 50dB offset below D1. It shows compliance with the requirement in part 15.249 (d).







5. PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).



6. INFORMATION ON THE TESTING LABORATORIES

We, ADT Corp., were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

USA	FCC, UL, A2LA
Germany	TUV Rheinland
Japan	VCCI
Norway	NEMKO
Canada	INDUSTRY CANADA, CSA
R.O.C.	TAF, BSMI, NCC
Netherlands	Telefication
Singapore	GOST-ASIA(MOU)
Russia	CERTIS(MOU)

Copies of accreditation certificates of our laboratories obtained from approval agencies can be downloaded from our web site: www.adt.com.tw/index.5/phtml. If you have any comments, please feel free to contact us at the following:

Linko EMC/RF Lab
Tel: 886-2-26052180
Fax: 886-2-26051924

Hsin Chu EMC/RF Lab
Tel: 886-3-5935343
Fax: 886-3-5935342

Hwa Ya EMC/RF/Safety Telecom Lab
Tel: 886-3-3183232
Fax: 886-3-3185050

Web Site: www.adt.com.tw

The address and road map of all our labs can be found in our web site also



7. APPENDIX A - MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

---END---