FCC TEST REPORT

REPORT NO.: RF960521L03
MODEL NO.: PAT-601
RECEIVED: May 21, 2007
TESTED: May 21 ~ May 22, 2007
ISSUED: May 24, 2007

APPLICANT: ARC Technology Co., Ltd

ADDRESS: 4F-2.NO.26, WU-CHUN 2 ROAD, HSIN CHUANG CITY, TAIPEI HSIEN, TAIWAN, R.O.C

ISSUED BY: Advance Data Technology Corporation
LAB ADDRESS: No. 47, 14th Ling, Chia Pau Tsuen, Lin Kou Hsiang 244, Taipei Hsien, Taiwan, R.O.C.
TEST LOCATION: No. 19, Hwa Ya 2nd Rd., Wen Hwa Tsuen, Kwei Shan Hsiang, Taoyuan Hsien 333, Taiwan, R.O.C.

ACCREDITED
No. 2177-01

0528

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1 CERTIFICATION

PRODUCT:	Wireless Remote Controller(TX)
MODEL:	PAT-601
BRAND:	ARC
APPLICANT:	ARC Technology Co., Ltd
TESTED:	May 21 ~ May 22, 2007
TEST SAMPLE:	ENGINEERING SAMPLE
STANDARDS:	**FCC Part 15, Subpart C (Section 15.231)**
	ANSI C63.4-2003

The above equipment (model: PAT-601) has 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 : Wendy Liao , **DATE:** May 24, 2007
Wendy Liao / Specialist

TECHNICAL ACCEPTANCE : Long Chen , **DATE:** May 24, 2007
Responsible for RF Long Chen / Senior Engineer

APPROVED BY : Gary Chang , **DATE:** May 24, 2007
Gary Chang / Supervisor

2 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 15, Subpart C; RSS-210 Issue 6			
Standard Section	**Test Type and Limit**	**Result**	**REMARK**
15.207	AC Power Conducted Emission	NA	NA
15.209 15.231(b)	Radiated Emission Test	PASS	Meet the requirement of limit. Minimum passing margin is –2.62dB at 433.94MHz
15.231(c)	Emission Bandwidth Measurement	PASS	Meet the requirement of limit
15.231(a)	De-activation	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 16-4-2:

Measurement	Frequency	Uncertainty
Conducted emissions	9kHz~30MHz	2.55 dB
Radiated emissions	30MHz ~ 200MHz	3.59 dB
	200MHz ~1000MHz	3.61 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

PRODUCT	Wireless Remote Controller(TX)
MODEL NO.	PAT-601
FCC ID	VC6PAT-601
POWER SUPPLY	3Vdc from battery
MODULATION TYPE	ASK
CARRIER FREQUENCY	433.92MHz
NUMBER OF CHANNEL	1
ANTENNA TYPE	coil antenna with 0dBi gain
DATA CABLE	NA
I/O PORTS	NA
ACCESSORY DEVICES	Battery

NOTE: 1. The EUT is only transmitter part.

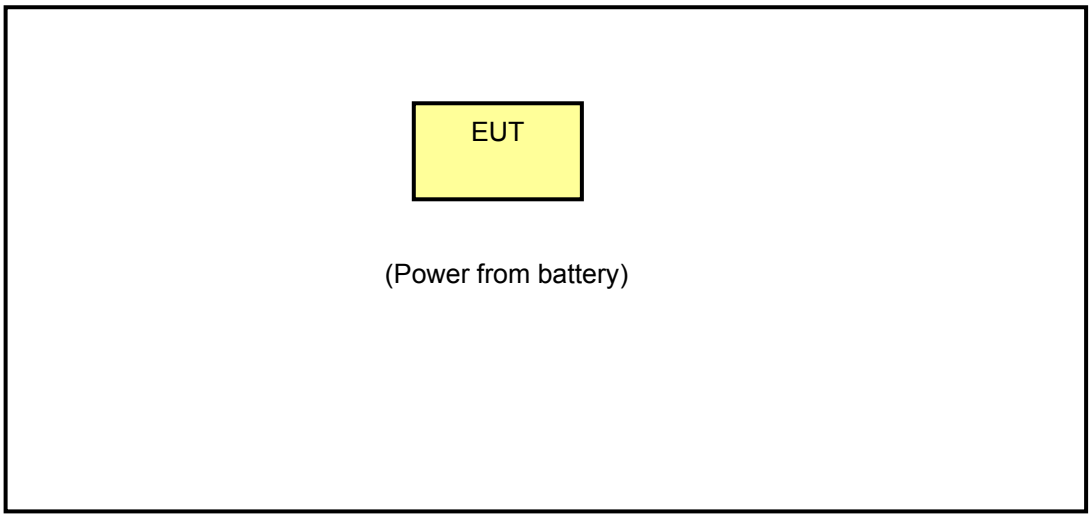
2. The above EUT information was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.

3.2 DESCRIPTION OF TEST MODES

One channel was provided to this EUT.

Channel	Frequency
1	433.92MHz

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	EB	DT	
-	-	v	v	v	v	-

Where **PLC:** Power Line Conducted Emission **RE<1G:** Radiated Emission below 1GHz
RE≥1G: Radiated Emission above 1GHz **EB:** 20dB Bandwidth measurement
DT: Deactivation Time measurement

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

RADIATED EMISSION TEST (BELOW 1 GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations and XYZ axis.

☒ Following channel(s) was (were) selected for the final test as listed below.

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TYPE	AXIS
1	1	ASK	Z

RADIATED EMISSION TEST (ABOVE 1 GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations and XYZ axis.

☒ Following channel(s) was (were) selected for the final test as listed below.

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TYPE	AXIS
1	1	ASK	Z

EMISSION BANDWIDTH MEASUREMENT:

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations.

☒ Following channel(s) was (were) selected for the final test as listed below.

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TYPE
1	1	ASK

DEACTIVATION TIME MEASUREMENT:

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations.

☒ Following channel(s) was (were) selected for the final test as listed below.

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TYPE
1	1	ASK

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 (15.231)
ANSI C63.4-2003

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

3.4 DESCRIPTION OF SUPPORT UNITS

NA

4 TEST PROCEDURE AND RESULT

4.1 CONDUCTED EMISSION MEASUREMENT

NA

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

According to 15.231 the field strength of emissions from intentional radiators operated under these frequencies bands shall not exceed the following:

Fundamental Frequency (MHz)	Field Strength of Fundamental		Field Strength of Spurious	
	uV/meter	dBuV/meter	uV/meter	dBuV/meter
40.66 ~ 40.70	2250	67.04	225	48.04
70 ~ 130	1250	61.94	125	41.94
130 ~ 174	1250 ~ 3750	61.94 ~ 71.48	125 ~ 375	41.94 ~ 51.48
174 ~ 260	3750	71.48	75	37.50
260 ~ 470	3750 ~ 12500	71.48 ~ 81.94	375 ~ 1250	51.48 ~ 61.94
Above 470	12500	81.94	1250	61.94

NOTE:

1. Where F is the frequency in MHz, the formula for calculating the maximum permitted fundamental field strengths are as follows: for the band 130-174 MHz, uV/m at 3 meters = 56.81818(F)-6136.3636; for the band 260-470 MHz, uV/m at 3 meters = 41.6667(F)- 7083.3333. The maximum permitted unwanted emission level is 20 dB below the maximum permitted fundamental level.

2. The above field strength limits are specified at a distance of 3meters. The tighter limits apply at the band edges.

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 INSTRUMENT

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
Test Receiver ROHDE & SCHWARZ	ESCI	100424	Aug. 04, 2007
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100269	Aug. 07, 2007
BILOG Antenna SCHWARZBECK	VULB9168	9168-153	Jan. 04, 2008
HORN Antenna SCHWARZBECK	BBHA 9120 D	9120D-563	Jul. 26, 2007
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170242	Jan. 16, 2008
Preamplifier Agilent	8449B	3008A01911	Sep. 13, 2007
Preamplifier Agilent	8447D	2944A10638	Dec. 20, 2007
RF signal cable HUBER+SUHNNER	SUCOFLEX 104	218188/218189	Nov. 14, 2007
RF signal cable Worken	8D-FB	Cable-HYCH9-01	Aug. 16, 2007
Software	ADT_Radiated_V7.6	NA	NA
Antenna Tower EMCO	2070/2080	512.835.4684	NA
Turn Table EMCO	2087-2.03	NA	NA
Antenna Tower &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 9.

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 IC3789B-9.

4.2.3 TEST PROCEDURE

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.

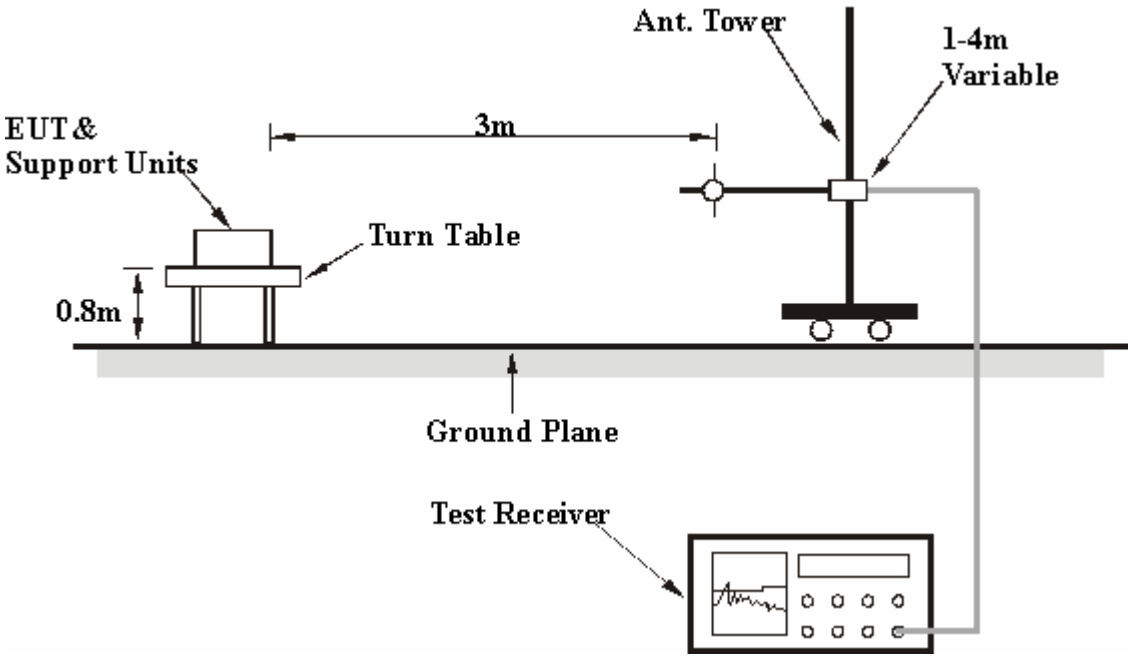
e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. If the emission level of the EUT in peak mode was 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 the quasi-peak method or average method as specified and then reported in Data sheet peak mode and QP mode.

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 of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.

4.2.4 TEST SETUP



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

4.2.5 EUT OPERATING CONDITION

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

4.2.6 TEST RESULTS

Below 1GHz Worst-Case Data

EUT TEST CONDITION		MEASUREMENT DETAIL	
FREQUENCY RANGE	Below 1000MHz	**DETECTOR FUNCTION**	Quasi-Peak / Peak / Average
INPUT POWER	3Vdc	**ENVIRONMENTAL CONDITIONS**	24deg. C, 64%RH, 1000.4hPa
TESTED BY	Match Tsui		

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	173.85	24.52 QP	43.50	-18.98	1.50 H	13	12.06	12.46
2	350.74	19.08 QP	46.00	-26.92	1.00 H	274	4.50	14.58
3	*433.94	82.63 PK	100.80	-18.17	1.24 H	351	65.90	16.73
4	*433.94	72.04 AV	80.80	-8.76	1.24 H	351	55.31	16.73
5	434.33	30.12 QP	46.00	-15.88	1.50 H	175	13.38	16.74
6	543.19	25.63 QP	46.00	-20.37	1.00 H	10	5.87	19.77
7	599.56	25.36 QP	46.00	-20.64	1.50 H	28	4.28	21.09
8	698.70	33.49 QP	46.00	-12.51	2.00 H	199	11.51	21.98
9	867.88	42.58 PK	80.80	-38.22	1.00 H	191	17.56	25.01
10	867.88	31.99 AV	60.80	-28.81	1.00 H	191	6.97	25.01

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:

$$20\log(\text{Duty cycle}) = 20\log\frac{0.441\text{ms}}{1.493\text{ms}} = -10.59\text{dB}$$

Please see page 17 for plotted duty.

EUT TEST CONDITION		MEASUREMENT DETAIL	
FREQUENCY RANGE	Below 1000MHz	**DETECTOR FUNCTION**	Quasi-Peak / Peak / Average
INPUT POWER	3Vdc	**ENVIRONMENTAL CONDITIONS**	24deg. C, 64%RH, 1000.4hPa
TESTED BY	Match Tsui		

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	173.85	24.00 QP	43.50	-19.50	2.00 V	133	11.54	12.46
2	187.45	20.54 QP	43.50	-22.96	1.50 V	10	9.15	11.39
3	350.74	18.18 QP	46.00	-27.82	1.00 V	253	3.60	14.58
4	*433.94	88.77 PK	100.80	-12.03	1.23 V	91	72.04	16.73
5	***433.94**	**78.18 AV**	**80.80**	**-2.62**	**1.23 V**	**91**	**61.45**	**16.73**
6	434.33	33.69 QP	46.00	-12.31	1.00 V	103	16.94	16.74
7	700.64	34.18 QP	46.00	-11.82	1.50 V	229	12.17	22.01
8	799.78	25.44 QP	46.00	-20.56	1.50 V	265	1.08	24.36
9	867.88	43.48 PK	80.80	-37.32	1.14 H	296	18.47	25.01
10	867.88	32.89 AV	60.80	-27.91	1.14 H	296	7.88	25.01

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:

$$20\log(\text{Duty cycle}) = 20\log\frac{0.441\text{ms}}{1.493\text{ms}} = -10.59\text{dB}$$

Please see page 17 for plotted duty.

Above 1GHz Worst-Case Data

EUT TEST CONDITION		MEASUREMENT DETAIL	
FREQUENCY RANGE	1 ~ 10GHz	DETECTOR FUNCTION	Peak (PK) Average (AV)
INPUT POWER	3Vdc	ENVIRONMENTAL CONDITIONS	24deg. C, 64%RH, 1000.4hPa
TESTED BY	Morgan Chen		

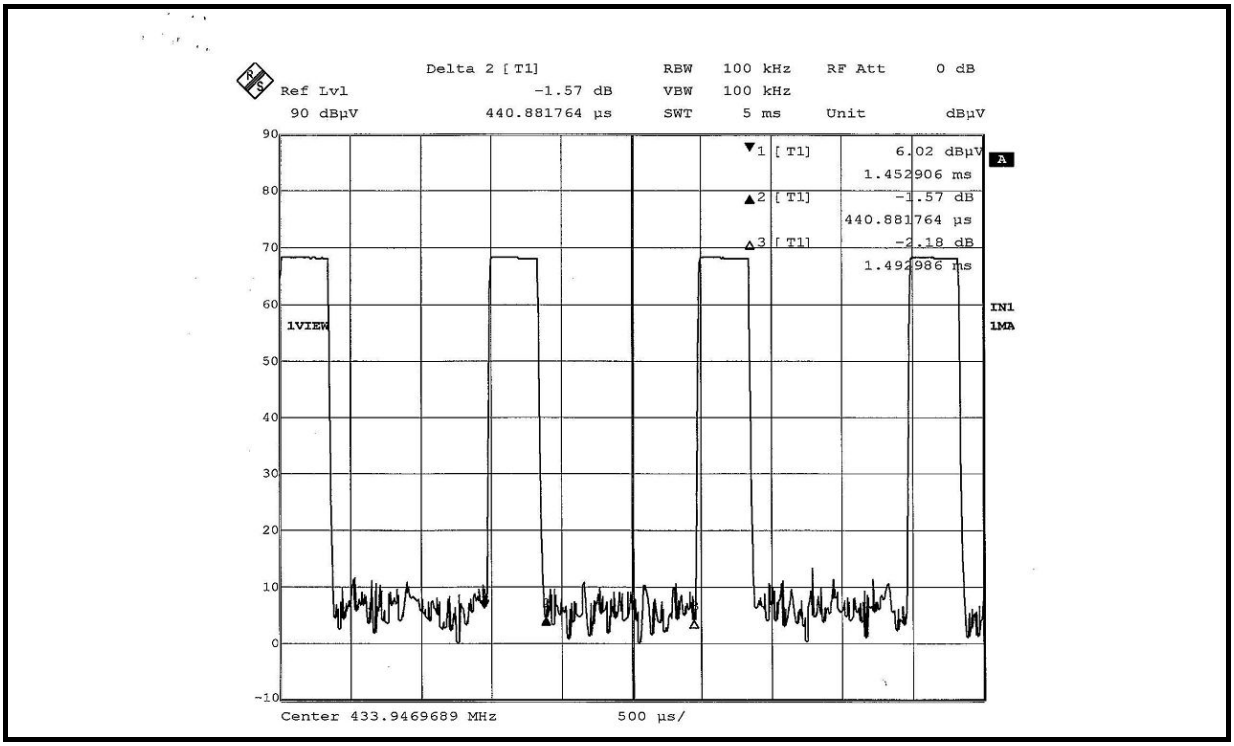
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1302.00	51.25 PK	74.00	-22.75	1.00 H	3	23.77	27.48
2	1302.00	40.66 AV	54.00	-13.34	1.00 H	3	13.18	27.48
3	1736.00	55.18 PK	74.00	-18.82	1.00 H	30	26.53	28.65
4	1736.00	44.59 AV	54.00	-9.41	1.00 H	30	15.94	28.65
5	2169.00	43.11 PK	74.00	-30.89	1.01 H	111	13.28	29.83
6	2169.00	32.52 AV	54.00	-21.48	1.01 H	111	2.69	29.83
7	2603.70	47.43 PK	74.00	-26.57	1.00 H	88	16.22	31.21
8	2603.70	36.84 AV	54.00	-17.16	1.00 H	88	5.63	31.21
9	3037.50	44.08 PK	74.00	-29.92	1.08 H	15	11.90	32.18
10	3037.50	33.49 AV	54.00	-20.51	1.08 H	15	1.31	32.18

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	1302.00	52.36 PK	74.00	-21.64	1.35 V	168	24.88	27.48
2	1302.00	41.77 AV	54.00	-12.23	1.35 V	168	14.29	27.48
3	1736.00	56.26 PK	74.00	-17.74	1.25 V	101	27.61	28.65
4	1736.00	45.67 AV	54.00	-8.33	1.25 V	101	17.02	28.65
5	2169.00	44.20 PK	74.00	-29.80	1.03 V	103	14.37	29.83
6	2169.00	33.61 AV	54.00	-20.39	1.03 V	103	3.78	29.83
7	2603.70	48.55 PK	74.00	-25.45	1.00 V	107	17.34	31.21
8	2603.70	37.96 AV	54.00	-16.04	1.00 V	107	6.75	31.21
9	3037.50	45.17 PK	74.00	-28.83	1.15 V	137	12.99	32.18
10	3037.50	34.58 AV	54.00	-19.42	1.15 V	137	2.40	32.18

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:

$$20\log(\text{Duty cycle}) = 20\log\frac{0.441\text{ms}}{1.493\text{ms}} = -10.59\text{dB}$$

Please see page 17 for plotted duty.



$$20\log(\text{Duty cycle}) = 20\log\frac{0.441\text{ms}}{1.493\text{ms}} = -10.59\text{dB}$$

4.3 20dB OCCUPIED BANDWIDTH MEASUREMENT

4.3.1 LIMITS OF EMISSION BANDWIDTH MEASUREMENT

The bandwidth of the emission shall be no wider than 0.25% of the center frequency for device operating above 70 MHz and below 900 MHz.

Fundamental Frequency (MHz)	Limit of Emission Bandwidth(kHz)
433.92	1084.80

4.3.2 TEST INSTRUMENT

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
SPECTRUM ANALYZER	FSP40	100040	Jun. 07, 2007

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

a. The EUT was placed on the turn table.

b. The signal was coupled to the spectrum analyzer through an antenna.

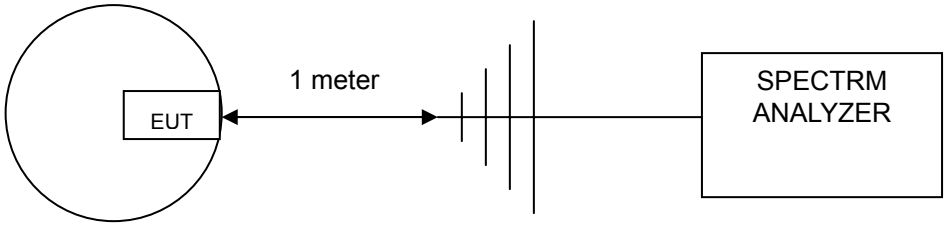
c. Set the resolution bandwidth to 10 kHz and video bandwidth to 30 kHz then select Peak function to scan the channel frequency.

d. The emission bandwidth was measured and recorded.

4.3.4 DEVIATION FROM TEST STANDARD

No deviation.

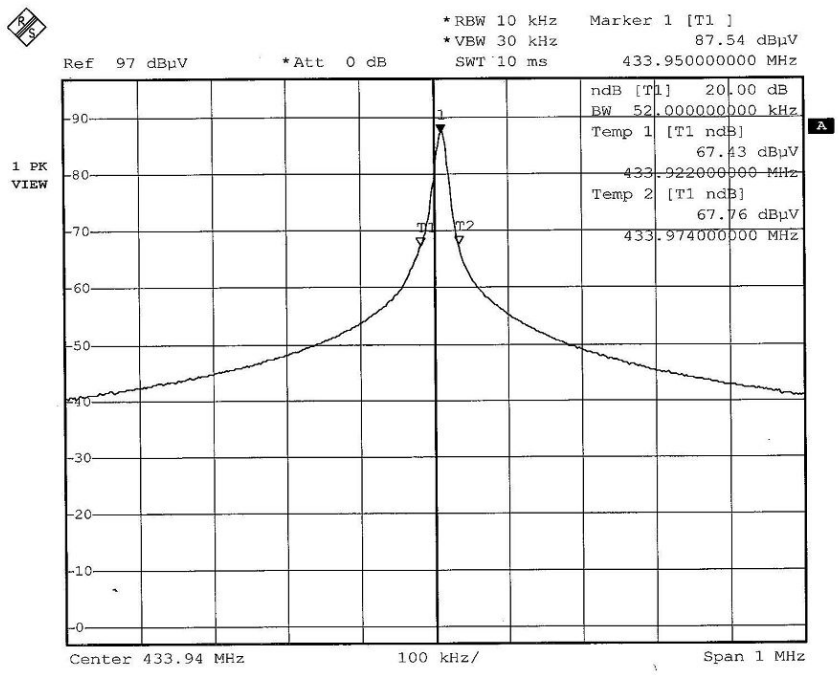
4.3.5 TEST SETUP



4.3.6 TEST RESULTS

Frequency (MHz)	20dB Bandwidth (kHz)	Maximum Limit (kHz)	PASS/FAIL
433.92	52.00	1084.80	PASS

The plot of test result is attached as below.


*RBW 10 kHz
*VBW 30 kHz
SWT 10 ms
Marker 1 [T1]
87.54 dBµV
433.950000000 MHz
Ref 97 dBµV
*Att 0 dB
ndB [T1] 20.00 dB
BW 52.000000000 kHz
Temp 1 [T1 ndB]
67.43 dBµV
433.922000000 MHz
Temp 2 [T1 ndB]
67.76 dBµV
433.974000000 MHz
1 PK
VIEW
T1
T2
Center 433.94 MHz
100 kHz/
Span 1 MHz

4.4 DEACTIVATION TIME

4.4.1 LIMITS OF DEACTIVATION TIME MEASUREMENT

A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

4.4.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
SPECTRUM ANALYZER	FSP40	100040	Jun. 07, 2007

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

a. The EUT was placed on the turning table.

b. The signal was coupled to the spectrum analyzer through an antenna.

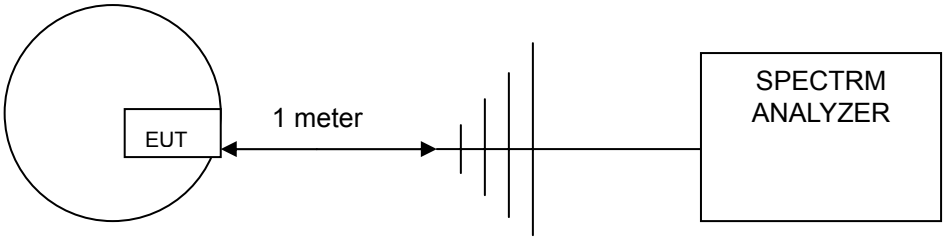
c. Set the resolution bandwidth to 100kHz and video bandwidth to 100kHz. The spectrum analyser was turned to the centre frequency of the transmitter's and the analyser's marker function was used to determine the duration of transmission.

d. The transmission duration was measured and recorded.

4.4.4 DEVIATION FROM TEST STANDARD

No deviation

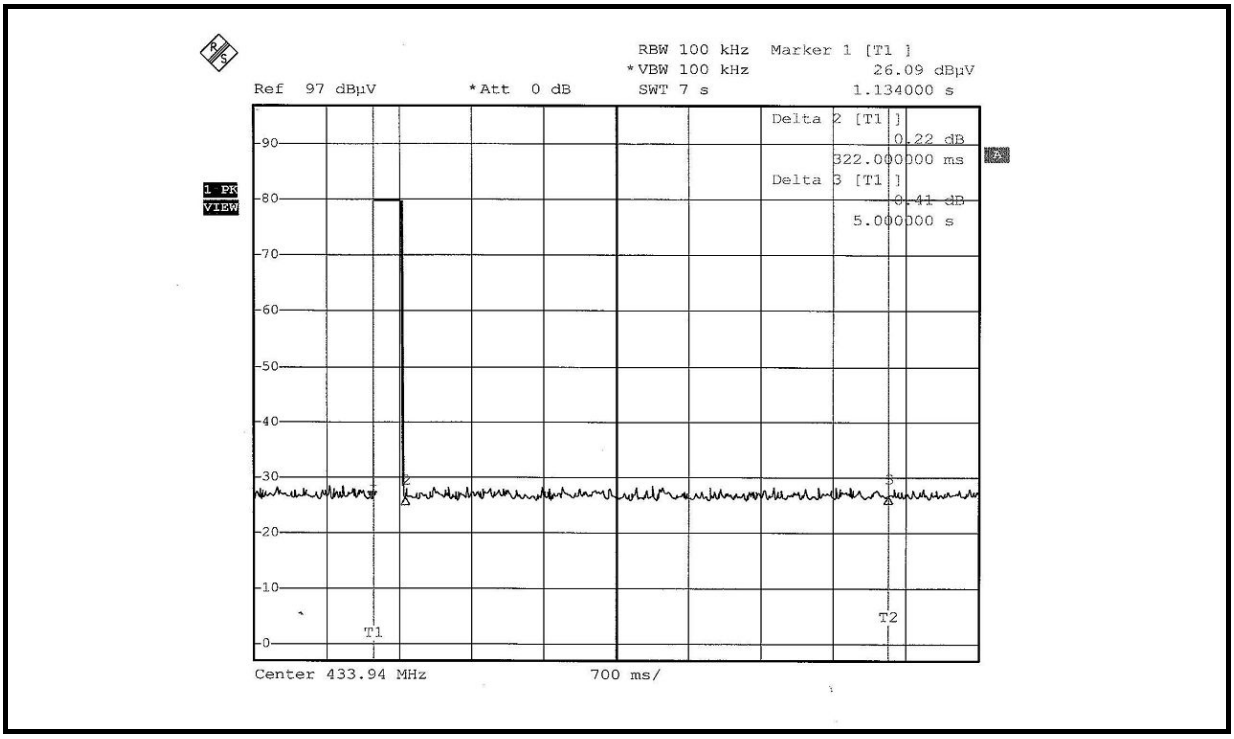
4.4.5 TEST SETUP



4.4.6 TEST RESULTS

Push button	Frequency (MHz)	Maximum limit (sec)	PASS/FAIL
1	433.94	5	PASS

The plot of test results are attached as below.


RBW 100 kHz
*VBW 100 kHz
SWT 7 s
Marker 1 [T1]
26.09 dBµV
1.134000 s
Ref 97 dBµV
*Att 0 dB
Delta 2 [T1]
0.22 dB
322.000000 ms
Delta 3 [T1]
0.41 dB
5.000000 s
1 PK
VIEW
90
80
70
60
50
40
30
20
10
0
T1
T2
Center 433.94 MHz
700 ms/

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.	CNLA, BSMI, DGT
Netherlands	Telefication
Singapore	PSB , 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.

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.