# FCC CERTIFICATION On Behalf of Eastern Times Technology Co., Ltd.

2.4G Wireless MiNi Keyboard Model No.: ET-3702

FCC ID: TUV3702-B

Prepared for : Eastern Times Technology Co., Ltd.

Address : Building 5, Penghua Industry Park, Heping Rd.(W),

Longhua, Shenzhen, Guangdong, China

Prepared by : ACCURATE TECHNOLOGY CO. LTD

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Report Number : ATE20081328

Date of Test : September 1-18, 2008 Date of Report : September 22, 2008

Page

#### TABLE OF CONTENTS

**Test Report Certification** GENERAL INFORMATION ......4 Description of Device (EUT).......4 1.1. 1.2. Description of Test Facility ......4 1.3. Measurement Uncertainty......5 MEASURING DEVICE AND TEST EQUIPMENT ......6 2. 3. SUMMARY OF TEST RESULTS......7 FUNDAMENTAL AND HARMONICS RADIATED EMISSION MEASURMENT......8 4. 4.1. Block Diagram of Test Setup......8 4.2. The Emission Limit ......9 Configuration of EUT on Measurement ......9 4.3. 4.4. Operating Condition of EUT ......9 4.5. 4.6.

RADIATED EMISSION FOR FCC PART 15 SECTION 15.249(D)......14

Block Diagram of Test Setup......14

The Requirement ......20

Test Procedure 20

ANTENNA REQUIREMENT......23

APPENDIX I (TEST CURVES) (22 pages)

Description

5.

6.

7.

5.1.

5.2.

5.3.

5.4. 5.5.

5.6.

6.1.

6.2. 6.3.

6.4.

6.5.

7.1.

7.2.

# **Test Report Certification**

Applicant : Eastern Times Technology Co., Ltd.Manufacturer : Eastern Times Technology Co., Ltd.

EUT Description : 2.4G Wireless MiNi Keyboard

(A) MODEL NO.: ET-3702

(B) SERIAL NO.: N/A

(C) POWER SUPPLY: 3.0V DC ("AAA" batteries  $2\times$ )

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Section 15.249:2007 & ANSI C63.4: 2003

The device described above is tested by ACCURATE TECHNOLOGY CO. LTD to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C Section15.249 limits. The measurement results are contained in this test report and ACCURATE TECHNOLOGY CO. LTD is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of ACCURATE TECHNOLOGY CO. LTD.

Date of Test:	September 1-18, 2008	
Prepared by :	sky wang	
	(Engineer)	
Approved & Authorized Signer:	Secul-	
	(Manager)	

#### 1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT : 2.4G Wireless MiNi Keyboard

Model Number : ET-3702

Power Supply : 3.0V DC ("AAA" batteries  $2\times$ )

Operate Frequency : 2405.2-2477.2MHz

Applicant : Eastern Times Technology Co., Ltd.

Address : Building 5, Penghua Industry Park, Heping Rd.(W),

Longhua, Shenzhen, Guangdong, China

Manufacturer : Eastern Times Technology Co., Ltd.

Address : Building 5, Penghua Industry Park, Heping Rd.(W),

Longhua, Shenzhen, Guangdong, China

Date of sample received: August 30, 2008

Date of Test : September 1-18, 2008

1.2.Description of Test Facility

EMC Lab : Accredited by TUV Rheinland Shenzhen

Listed by FCC

The Registration Number is 752051

Listed by Industry Canada

The Registration Number is 5077A-2

Accredited by China National Accreditation Committee

for Laboratories

The Certificate Registration Number is L3193

Name of Firm : ACCURATE TECHNOLOGY CO. LTD

Site Location : F1, Bldg. A, Changyuan New Material Port, Keyuan Rd.

Science & Industry Park, Nanshan, Shenzhen, Guangdong

P.R. China

# 1.3. Measurement Uncertainty

Conducted Emission Expanded Uncertainty = 2.23dB, k=2

Radiated emission expanded uncertainty = 3.08dB, k=2

(9kHz-30MHz)

Radiated emission expanded uncertainty = 4.42dB, k=2

(30MHz-1000MHz)

Radiated emission expanded uncertainty = 4.06dB, k=2

(Above 1GHz)

# 2. MEASURING DEVICE AND TEST EQUIPMENT

**Table 1: List of Test and Measurement Equipment** 

Kind of equipment	Manufacturer	Type	S/N	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	03.29.2009
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	03.29.2009
Spectrum Analyzer	Agilent	E7405A	MY45115511	03.29.2009
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	03.31.2009
Loop Antenna	Schwarzbeck	FMZB1516	1516131	03.28.2009
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	03.29.2009
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	12.20.2008
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	10.10.2008
LISN	Rohde&Schwarz	ESH3-Z5	100305	03.29.2009
LISN	Schwarzbeck	NLSK8126	8126431	03.29.2009

# 3. SUMMARY OF TEST RESULTS

FCC Rules	<b>Description of Test</b>	Result
Section 15.207	Conducted Emission	N/A
Section 15.249(d)	Radiated Emission	Compliant
Section 15.249(a)	The fundamental field strength and the harmonics	Compliant
Section 15.249(d)	Band Edge	Compliant

# 4. FUNDAMENTAL AND HARMONICS RADIATED EMISSION MEASURMENT

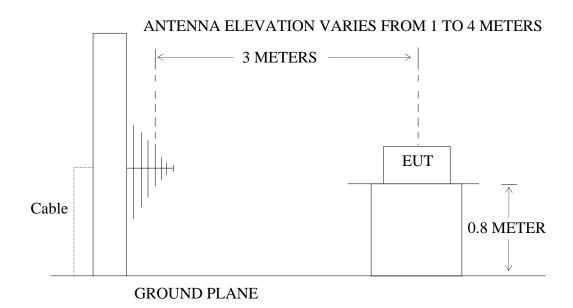
# 4.1.Block Diagram of Test Setup

4.1.1.Block diagram of connection between the EUT and simulators

EUT

(EUT: 2.4G Wireless MiNi Keyboard)

4.1.2. Anechoic Chamber Test Setup Diagram



(EUT: 2.4G Wireless MiNi Keyboard)

#### 4.2. The Emission Limit

4.2.1.For intentional radiators, According to section 15.249(a), Operation within the frequency band of 2.4 to 2.4835GHz, The fundamental field strength shall not exceed 94 dB $\mu$ V/m and the harmonics shall not exceed 54 dB $\mu$ V/m.

Fundamental	Field Strength of Fundamental	Field Strength of harmonics
Frequency	(millivolts/meter)	(microvolts/meter)
902-928MHz	50	500
2400-2483.5MHz	50	500
5725-5875MHz	50	500
24.0-24.25GHz	250	2500

4.2.2.According to section 15.249(e), as shown in section 15.35(b), the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

# 4.3. Configuration of EUT on Measurement

The following equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

4.3.1. 2.4G Wireless MiNi Keyboard (EUT)

Model Number : ET-3702 Serial Number : N/A

Manufacturer : Eastern Times Technology Co., Ltd.

#### 4.4. Operating Condition of EUT

- 4.4.1. Setup the EUT and simulator as shown as Section 4.1.
- 4.4.2. Turn on the power of all equipment.
- 4.4.3. Let the EUT work in TX modes measure it. The transmit frequency are 2405.2-2477.2MHz. We are select 2405.2MHz, 2438.8MHz, 2477.2MHz TX frequency to transmit.

#### 4.5.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement.

The bandwidth of test receiver (R&S ESI26) is set at 1MHz.

# 4.6. The Field Strength of Radiation Emission Measurement Results **PASS.**

Date of Test: September 1-2, 2008 Temperature: 25°C

EUT: 2.4G Wireless MiNi Keyboard Humidity: 52%

Model No.: ET-3702 Power Supply: 3.0V DC ("AAA" batteries 2×)

Test Mode: TX 2405.2MHz Test Engineer: Feng

#### **Fundamental Radiated Emissions**

Frequency	Reading(	dBμV/m)	Factor(dB)	Result(dBµV/m) Li		Limit(dBµV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
2405.199	81.65	94.75	-7.45	74.20	87.30	94	114	-19.80	-26.70	Vertical
2405.199	87.75	101.96	-7.45	80.30	94.51	94	114	-13.70	-19.49	Horizontal

#### **Harmonics Radiated Emissions**

Frequency	Reading(c	dBμV/m)	Factor(dB)	Result(dBµV/m)		Limit(dBµV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
4810.397	48.55	56.28	-0.26	48.29	56.02	54	74	-5.71	-17.98	Vertical
4810.397	51.66	62.74	-0.26	51.40	62.48	54	74	-2.60	-11.52	Horizontal

The spectral diagrams in appendix I display the measurement of peak values.

#### Note:

- 1. The emission emitted by the EUT is too low to be measured except the emission listed above.
- 2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

Result = Reading + Corrected Factor

Date of Test:September 1-2, 2008Temperature:25°CEUT:2.4G Wireless MiNi KeyboardHumidity:52%Model No.:ET-3702Power Supply:3.0V DC ("AAA" batteries 2×)

Test Mode: TX 2438.8MHz Test Engineer: Feng

#### **Fundamental Radiated Emissions**

Frequency	Reading(	dBμV/m)	Factor(dB)	) Result(dB\(\mu\rangle\rangle\rangle\rangle\rangle)		Limit(dBµV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
2438.798	81.96	95.16	-7.36	74.60	87.80	94	114	-19.40	-26.20	Vertical
2438.798	87.76	101.18	-7.36	80.40	93.82	94	114	-13.60	-20.18	Horizontal

#### **Harmonics Radiated Emissions**

Frequency	Reading(c	dBμV/m)	Factor(dB)	Result(dBμV/m)		Limit(dBµV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
4877.595	47.69	54.52	0.11	47.80	54.63	54	74	-6.20	-19.37	Vertical
4877.595	45.49	52.52	0.11	45.60	52.63	54	74	-8.40	-21.37	Horizontal

The spectral diagrams in appendix I display the measurement of peak values.

#### Note:

- 1. The emission emitted by the EUT is too low to be measured except the emission listed above.
- 2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

Result = Reading + Corrected Factor

Date of Test: September 1-2, 2008 Temperature: 25°C

EUT: 2.4G Wireless MiNi Keyboard Humidity: 52%

Model No.: ET-3702 Power Supply: 3.0V DC ("AAA" batteries  $2\times$ )

Test Mode: TX 2477.2MHz Test Engineer: Feng

#### **Fundamental Radiated Emissions**

Frequency	Reading(	dBμV/m)	Factor(dB)	Result(dBµV/m)		Limit(dBµV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
2477.198	82.87	95.63	-7.37	75.50	88.26	94	114	-18.50	-25.74	Vertical
2477.198	95.97	100.09	-7.37	88.60	92.72	94	114	-5.40	-21.28	Horizontal

#### **Harmonics Radiated Emissions**

Frequency	Reading(c	dBμV/m)	Factor(dB)	Result(dBµV/m)		Limit(dBµV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
4954.398	44.82	50.86	0.48	45.30	51.34	54	74	-8.70	-22.66	Vertical
4954.398	49.62	59.87	0.48	50.10	60.35	54	74	-3.90	-13.65	Horizontal

The spectral diagrams in appendix I display the measurement of peak values.

#### Note:

- 1. The emission emitted by the EUT is too low to be measured except the emission listed above.
- 2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

Result = Reading + Corrected Factor

# 5. RADIATED EMISSION FOR FCC PART 15 SECTION 15.249(D)

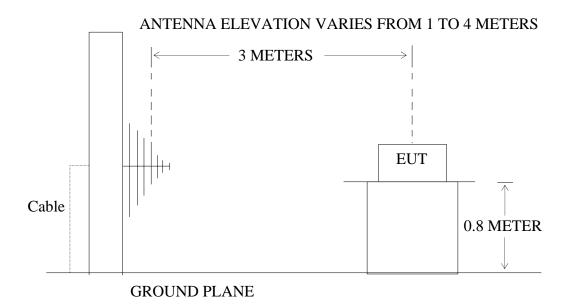
# 5.1.Block Diagram of Test Setup

5.1.1.Block diagram of connection between the EUT and simulators

EUT

(EUT: 2.4G Wireless MiNi Keyboard)

5.1.2. Anechoic Chamber Test Setup Diagram



(EUT: 2.4G Wireless MiNi Keyboard)

#### 5.2. The Emission Limit For Section 15.249(d)

5.2.1.Emission radiated outside of the specified frequency bands, except for harmonics, shall be comply with the general radiated emission limits in Section 15.209.

Radiation Emission Measurement Limits According to Section 15.209

<del></del>			
		Limit	
Frequency (MHz)	Field Strength of Quasi-peak Value (microvolts/m)	Field Strength of Quasi-peak Value (dBµV/m)	The final measurement in band 9-90kHz, 110-490kHz and above 1000MHz is
30 - 88	100	40	performed with Average detector.
88 - 216	150	43.5	Except those frequency bands mention above, the
216 - 960	200	46	final measurement for frequencies below
Above 960	500	54	1000MHz is performed with Quasi Peak detector.

#### 5.3.EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

5.3.1. 2.4G Wireless MiNi Keyboard (EUT)

Model Number : ET-3702 Serial Number : N/A

Manufacturer : Eastern Times Technology Co., Ltd.

#### 5.4. Operating Condition of EUT

- 5.4.1. Setup the EUT and simulator as shown as Section 5.1.
- 5.4.2. Turn on the power of all equipment.
- 5.4.3. Let the EUT work in TX modes measure it. The transmit frequency are 2405.2-2477.2MHz. We are select 2405.2MHz, 2438.8MHz, 2477.2MHz TX frequency to transmit.

#### 5.5.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement.

The bandwidth of test receiver (R&S ESI26) is set at 120kHz in 30-1000MHz. and set at 1MHz in above 1000MHz.

The frequency range from 30MHz to 25000MHz is checked.

The final measurement in band 9-90kHz, 110-490kHz and above 1000MHz is performed with Average detector. Except those frequency bands mention above, the final measurement for frequencies below 1000MHz is performed with Quasi Peak detector.

#### 5.6. The Emission Measurement Result

#### PASS.

Date of Test: September 1-2, 2008

EUT: 2.4G Wireless MiNi Keyboard

Model No.: ET-3702

Test Mode: TX 2405.2MHz

Temperature: 25°C

Humidity: 52%

Power Supply: 3.0V DC ("AAA" batteries 2×)

Test Engineer: Feng

	1			1		1
Frequency	Reading	Factor(dB)	Result	Limit	Margin	Polarization
(MHz)	(dBµV/m)	Corr.	$(dB\mu V/m)$	(dBµV/m)	(dB)	
	QP		QP	QP	QP	
33.6880	4.75	16.82	21.57	40.00	-18.43	Vertical
110.8580	6.81	14.06	20.87	43.50	-22.63	Vertical
114.4197	11.43	14.24	25.67	43.50	-17.83	Vertical
118.5113	9.25	14.56	23.81	43.50	-19.69	Vertical
424.2998	6.64	23.10	29.74	46.00	-16.26	Vertical
841.8396	5.11	28.36	33.47	46.00	-12.53	Vertical
366.0865	12.48	21.48	33.96	46.00	-12.04	Horizontal
383.1960	14.29	21.64	35.93	46.00	-10.07	Horizontal
399.6981	15.75	22.19	37.94	46.00	-8.06	Horizontal
411.0923	15.64	22.90	38.54	46.00	-7.46	Horizontal
418.3783	14.13	23.15	37.28	46.00	-8.72	Horizontal
431.8197	13.45	22.96	36.41	46.00	-9.59	Horizontal

The spectral diagrams in appendix I display the measurement of peak values.

#### Note:

- 1. The emission emitted by the EUT is too low to be measured except the emission listed above
- 2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

Result = Reading + Corrected Factor

Date of Test: September 1-2, 2008 Temperature: 25°C

EUT: 2.4G Wireless MiNi Keyboard Humidity: 52%

Model No.: ET-3702 Power Supply: 3.0V DC ("AAA" batteries  $2\times$ )

Test Mode: TX 2438.8MHz Test Engineer: Feng

Frequency	Reading	Factor(dB)	Result	Limit	Margin	Polarization
(MHz)	(dBµV/m)	Corr.	$(dB\mu V/m)$	(dBµV/m)	(dB)	
	QP		QP	QP	QP	
37.6970	4.63	16.08	20.71	40.00	-19.29	Vertical
111.2483	6.47	14.07	20.54	43.50	-22.96	Vertical
117.6814	10.99	14.49	25.48	43.50	-18.02	Vertical
126.6931	5.85	15.01	20.86	43.50	-22.64	Vertical
422.8116	5.76	23.13	28.89	46.00	-17.11	Vertical
776.4849	5.79	27.84	33.63	46.00	-12.37	Vertical
371.2679	13.30	21.52	34.82	46.00	-11.18	Horizontal
377.8480	14.16	21.54	35.70	46.00	-10.30	Horizontal
392.7375	14.51	21.98	36.49	46.00	-9.51	Horizontal
411.0924	15.04	22.90	37.94	46.00	-8.06	Horizontal
431.8197	13.57	22.96	36.53	46.00	-9.47	Horizontal
437.9316	12.17	22.89	35.06	46.00	-10.94	Horizontal

The spectral diagrams in appendix I display the measurement of peak values.

#### Note:

- 1. The emission emitted by the EUT is too low to be measured except the emission listed above
- 2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

Result = Reading + Corrected Factor

Date of Test: September 1-2, 2008 Temperature: 25°C

EUT: 2.4G Wireless MiNi Keyboard Humidity: 52%

Model No.: ET-3702 Power Supply: 3.0V DC ("AAA" batteries 2×)

Test Mode: TX 2477.2MHz Test Engineer: Feng

Frequency (MHz)	Reading (dBµV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
33.8066	4.55	16.81	21.36	40.00	-18.64	Vertical
110.8580	5.12	14.06	19.18	43.50	-24.32	Vertical
117.2687	9.40	14.45	23.85	43.50	-19.65	Vertical
154.7856	5.84	14.56	20.40	43.50	-23.10	Vertical
448.8360	5.65	22.94	28.59	46.00	-17.41	Vertical
741.8155	5.07	27.53	32.60	46.00	-13.40	Vertical
383.1960	13.95	21.64	35.59	46.00	-10.41	Horizontal
389.9873	14.44	21.88	36.32	46.00	-9.68	Horizontal
411.0924	14.77	22.90	37.67	46.00	-8.33	Horizontal
424.2998	13.60	23.10	36.70	46.00	-9.30	Horizontal
437.9316	13.30	22.89	36.19	46.00	-9.81	Horizontal
445.6931	12.54	22.91	35.45	46.00	-10.55	Horizontal

The spectral diagrams in appendix I display the measurement of peak values.

#### Note:

- 1. The emission emitted by the EUT is too low to be measured except the emission listed above
- 2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

Result = Reading + Corrected Factor

#### 6. BAND EDGES

#### 6.1.The Requirement

6.1.1.Band Edge from 2400MHz to 2483.5MHz. Emission radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

#### 6.2.EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

6.2.1. 2.4G Wireless MiNi Keyboard (EUT)

Model Number : ET-3702 Serial Number : N/A

Manufacturer : Eastern Times Technology Co., Ltd.

#### 6.3. Operating Condition of EUT

- 6.3.1. Setup the EUT and simulator as shown as Section 4.1.
- 6.3.2. Turn on the power of all equipment.
- 6.3.3. Let the EUT work in TX modes measure it. The transmit frequency are 2405.2-2477.2MHz. We are select 2405.2MHz, 2477.2MHz TX frequency to transmit.

#### 6.4. Test Procedure

- 1. The EUT is placed on a turntable, which is 0.8m above the ground plane and worked at highest radiated power.
- 2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
- 3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
- 4. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:

RBW=1MHz, VBW=1MHz

#### 6.5. The Measurement Result

#### Pass.

Date of Test:September 18, 2008Temperature:25°CEUT:2.4G Wireless MiNi KeyboardHumidity:53%Model No.:ET-3702Power Supply:3.0V DC ("AAA" batteries 2×)Test Mode:TX 2405.2MHzTest Engineer:Feng

Frequency	Reading(c	Reading(dBµV/m) Factor(dI		Result(dBµV/m)		Limit(dBµV/m)		Margi	Polarization	
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
2397.315	46.03	63.40	-7.48	38.55	55.92	54.00	74.00	-15.45	-18.08	
2398.456	45.15	61.82	-7.47	37.68	54.35	54.00	74.00	-16.32	-19.65	Vertical
2400.000	45.23	62.28	-7.46	37.77	54.82	54.00	74.00	-16.23	-19.18	
2397.315	44.71	62.34	-7.48	37.23	54.86	54.00	74.00	-16.77	-19.14	
2398.456	47.11	63.85	-7.47	39.64	56.38	54.00	74.00	-14.36	-17.62	Horizontal
2400.000	45.41	62.90	-7.46	37.95	55.44	54.00	74.00	-16.05	-18.56	

The spectral diagrams in appendix I display the measurement of peak values.

#### Note:

- 1. The emission emitted by the EUT is too low to be measured except the emission listed above.
- 2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

Result = Reading + Corrected Factor

Date of Test: September 18, 2008 Temperature: 25°C

EUT: 2.4G Wireless MiNi Keyboard Humidity: 53%

Model No.: ET-3702 Power Supply: 3.0V DC ("AAA" batteries 2×)

Test Mode: TX 2477.2MHz Test Engineer: Feng

Frequency	Reading(c	dBμV/m)	Factor(dB)	Result(dBµV/m)		Limit(dBµV/m)		Margi	Polarization	
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	38.92	56.04	-7.37	31.55	48.67	54.00	74.00	-22.45	-25.33	
2483.871	42.19	59.70	-7.38	34.81	52.32	54.00	74.00	-19.19	-21.68	Vertical
2486.562	40.94	59.21	-7.38	33.56	51.83	54.00	74.00	-20.44	-22.17	
2483.500	38.33	56.14	-7.37	30.96	48.77	54.00	74.00	-23.04	-25.23	
2483.991	45.09	61.72	-7.38	37.71	54.34	54.00	74.00	-16.29	-19.66	Horizontal
2486.562	42.70	59.85	-7.38	35.32	52.47	54.00	74.00	-18.68	-21.53	

The spectral diagrams in appendix I display the measurement of peak values.

#### Note:

- 1. The emission emitted by the EUT is too low to be measured except the emission listed above.
- 2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

Result = Reading + Corrected Factor

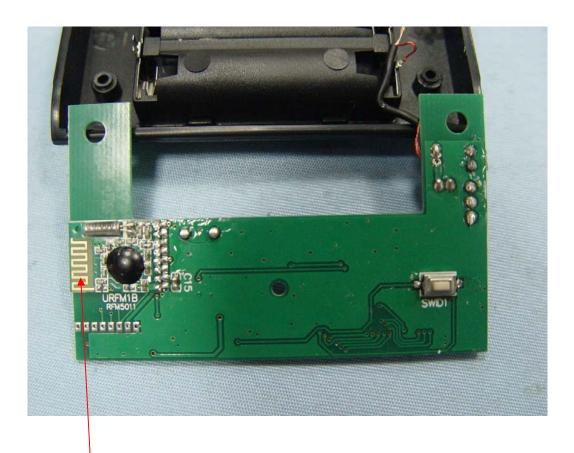
# 7. ANTENNA REQUIREMENT

# 7.1.The Requirement

7.1.1. According to Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

# 7.2. Antenna Construction

The antenna is PCB Layout antenna, no consideration of replacement.



Antenna

# APPENDIX I (Test Curves)



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Polarization:

Date: 08/09/01/

Time: 9/10/36

Distance: 3m

Power Source: DC 3V

Engineer Signature:

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Horizontal

Job No.: RTTE #396

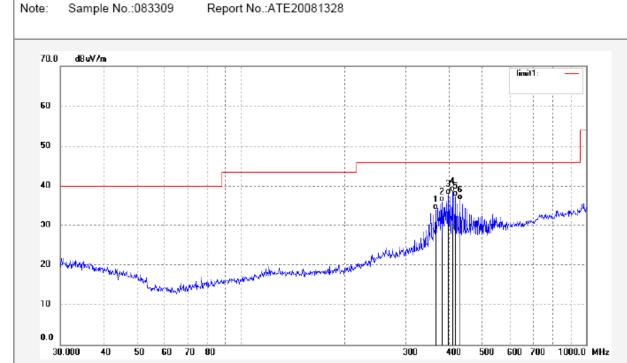
Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 52 % EUT: 2.4GWireless Mini Keyboard

Mode: TX 2405.2MHz Model: ET-3702

Manufacturer: Eastern Times



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	(dBuV/m)	Margin (dB)	Detector	Remark
1	366.0865	12.48	21.48	33.96	46.00	-12.04	QP	
2	383.1960	14.29	21.64	35.93	46.00	-10.07	QP	
3	399.6981	15.75	22.19	37.94	46.00	-8.06	QP	
4	411.0923	15.64	22.90	38.54	46.00	-7.46	QP	
5	418.3783	14.13	23.15	37.28	46.00	-8.72	QP	
6	431.8197	13.45	22.96	36.41	46.00	-9.59	QP	



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: RTTE #397

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 52 % EUT: 2.4GWireless Mini Keyboard

Sample No.:083309

Mode: TX 2405.2MHz Model: ET-3702

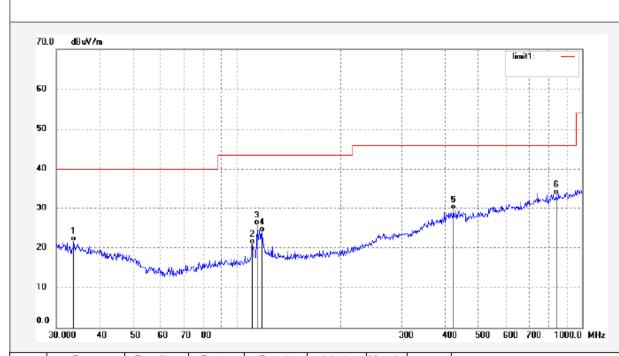
Note:

Manufacturer: Eastern Times

Polarization: Vertical Power Source: DC 3V

Date: 08/09/01/ Time: 9/13/23 Engineer Signature:

Distance: 3m



Report No.:ATE20081328

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	33.6880	4.75	16.82	21.57	40.00	-18.43	QP	
2	110.8580	6.81	14.06	20.87	43.50	-22.63	QP	
3	114.4197	11.43	14.24	25.67	43.50	-17.83	QP	
4	118.5113	9.25	14.56	23.81	43.50	-19.69	QP	
5	424.2998	6.64	23.10	29.74	46.00	-16.26	QP	
6	841.8396	5.11	28.36	33.47	46.00	-12.53	QP	



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Polarization:

Date: 08/09/01/

Time: 9/31/53

Distance: 3m

Power Source: DC 3V

Engineer Signature:

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Horizontal

Job No.: RTTE #403

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

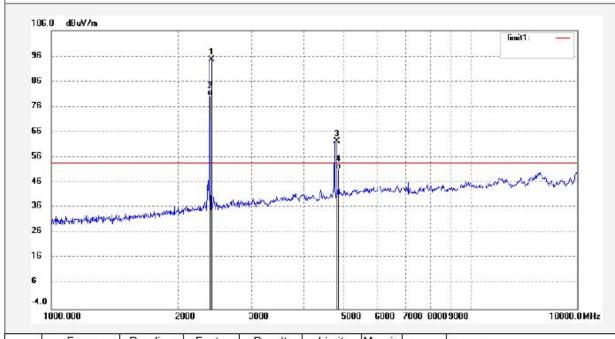
Temp.( C)/Hum.(%) 25 C / 52 % EUT: 2.4GWireless Mini Keyboard

Mode: TX 2405.2MHz Model: ET-3702

Manufacturer: Eastern Times

Note:

Sample No.:083309 Report No.:ATE20081328



No.	Freq. (MHz)	(dBuV/m)	Factor (dB)	(dBuV/m)	(dBuV/m)	(dB)	Detector	Remark
1	2405.199	101.96	-7.45	94.51	114.00	-19.49	peak	
2	2405.199	87.75	-7.45	80.30	94.00	-13.70	AVG	
3	4810.397	62.74	-0.26	62.48	74.00	-11.52	peak	
4	4810.397	51.66	-0.26	51.40	54.00	-2.60	AVG	



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: RTTE #402

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 52 % EUT: 2.4GWireless Mini Keyboard

Mode: TX 2405.2MHz

Model: ET-3702

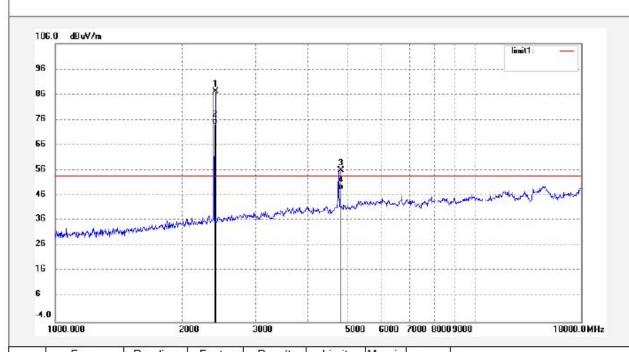
Manufacturer: Eastern Times

Note: Sample No.:083309 Report No.:ATE20081328



Polarization: Vertical

Power Source: DC 3V



No.	Freq. (MHz)	(dBuV/m)	Factor (dB)	(dBuV/m)	(dBuV/m)	(dB)	Detector	Remark
1	2405.199	94.75	-7.45	87.30	114.00	-26.70	peak	
2	2405.199	81.65	-7.45	74.20	94.00	-19.80	AVG	
3	4810.397	56.28	-0.26	56.02	74.00	-17.98	peak	
4	4810.397	48.55	-0.26	48.29	54.00	-5.71	AVG	



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China

Polarization:

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Horizontal

Job No.: RTTE #412

Standard: FCC Class B 3M Radiated Power Source: DC 3V Date: 08/09/02/ Test item: Radiation Test Temp.( C)/Hum.(%) 25 C / 52 % Time: 10/15/44 EUT: 2.4GWireless Mini Keyboard Engineer Signature: Mode: TX 2405.2MHz Distance: 3m Model: ET-3702 Manufacturer: Eastern Times Note: Sample No.:083309 Report No.:ATE20081328 70.0 dBuV/m limit1 50 40 30 20 10 0.0 18000.000 20000 25000.0 MHz

No. Freq. Reading Factor Result Limit Margin (MHz) (dBuV/m) (dB) (dBuV/m) (dBuV/m) (dBuV/m) Detector Remark



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: RTTE #413

Standard: FCC Class B 3M Radiated

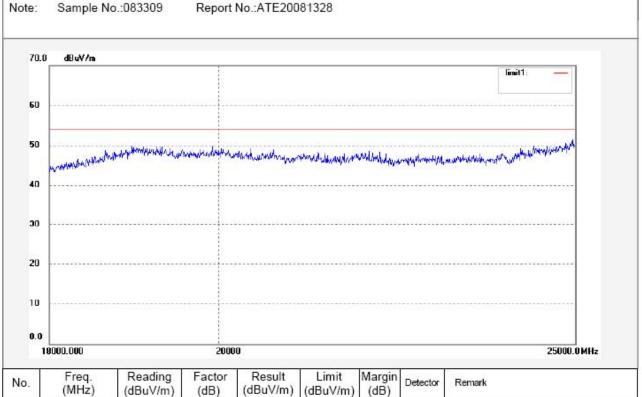
Test item: Radiation Test Temp.( C)/Hum.(%) 25 C / 52 % EUT: 2.4GWireless Mini Keyboard

Mode: TX 2405.2MHz Model: ET-3702

Manufacturer: Eastern Times

Note: Sample No.:083309 Polarization: Vertical Power Source: DC 3V

Date: 08/09/02/ Time: 10/16/34 Engineer Signature: Distance: 3m





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Polarization:

Date: 08/09/01/

Time: 9/15/15

Distance: 3m

Power Source: DC 3V

Engineer Signature:

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Horizontal

Job No.: RTTE #399

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 52 % EUT: 2.4GWireless Mini Keyboard

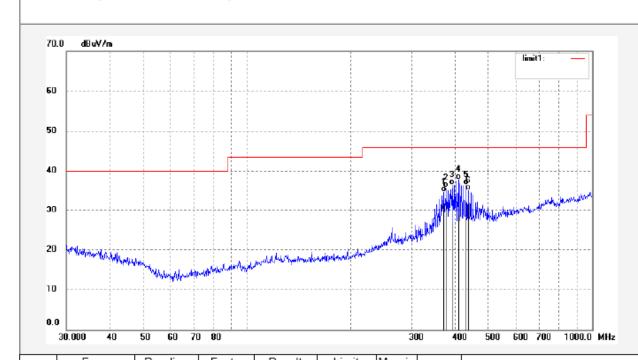
Sample No.:083309

Mode: TX 2438.8MHz Model: ET-3702

Note:

Manufacturer: Eastern Times

Report No.:ATE20081328



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	(dBuV/m)	Margin (dB)	Detector	Remark
1	371.2679	13.30	21.52	34.82	46.00	-11.18	QP	
2	377.8480	14.16	21.54	35.70	46.00	-10.30	QP	
3	392.7375	14.51	21.98	36.49	46.00	-9.51	QP	
4	411.0924	15.04	22.90	37.94	46.00	-8.06	QP	
5	431.8197	13.57	22.96	36.53	46.00	-9.47	QP	
6	437.9316	12.17	22.89	35.06	46.00	-10.94	QP	



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: RTTE #398

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 52 % EUT: 2.4GWireless Mini Keyboard

Sample No.:083309

Mode: TX 2438.8MHz Model: ET-3702

Note:

Manufacturer: Eastern Times

Polarization: Vertical Power Source: DC 3V

Date: 08/09/01/ Time: 9/14/19 Engineer Signature:

Distance: 3m

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50													
40												6	
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Report No.:ATE20081328

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	37.6970	4.63	16.08	20.71	40.00	-19.29	QP	
2	111.2483	6.47	14.07	20.54	43.50	-22.96	QP	
3	117.6814	10.99	14.49	25.48	43.50	-18.02	QP	
4	126.6931	5.85	15.01	20.86	43.50	-22.64	QP	
5	422.8116	5.76	23.13	28.89	46.00	-17.11	QP	
6	776.4849	5.79	27.84	33.63	46.00	-12.37	QP	



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: RTTE #404

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 52 % EUT: 2.4GWireless Mini Keyboard

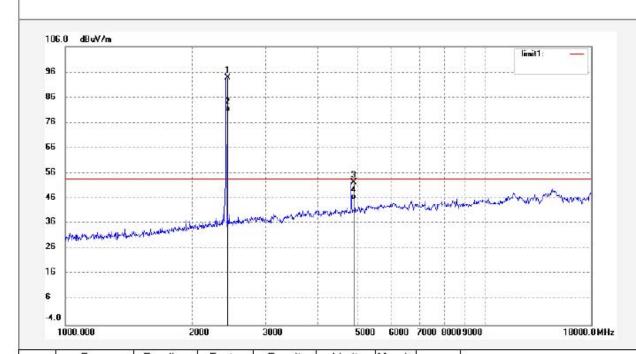
Mode: TX 2438.8MHz Model: ET-3702

Manufacturer: Eastern Times

Note: Sample No.:083309 Report No.:ATE20081328

Polarization: Horizontal
Power Source: DC 3V

Date: 08/09/01/ Time: 9/42/38 Engineer Signature: Distance: 3m



No.	Freq. (MHz)	(dBuV/m)	Factor (dB)	(dBuV/m)	(dBuV/m)	(dB)	Detector	Remark
1	2438.798	101.18	-7.36	93.82	114.00	-20.18	peak	
2	2438.798	87.76	-7.36	80.40	94.00	-13.60	AVG	
3	4877.595	52.52	0.11	52.63	74.00	-21.37	peak	
4	4877.595	45.49	0.11	45.60	54.00	-8.40	AVG	



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: RTTE #405

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 52 % EUT: 2.4GWireless Mini Keyboard

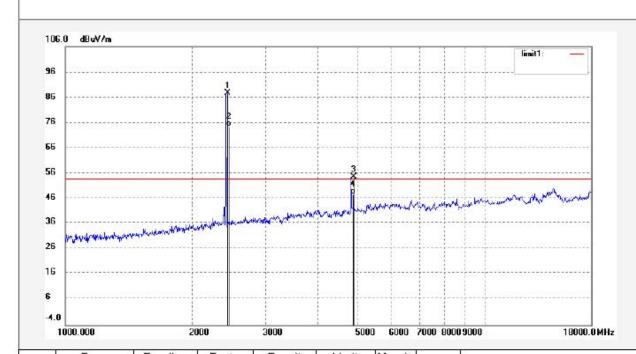
Mode: TX 2438.8MHz Model: ET-3702

Manufacturer: Eastern Times

Note: Sample No.:083309 Report No.:ATE20081328

Polarization: Vertical Power Source: DC 3V

Date: 08/09/01/ Time: 9/44/27 Engineer Signature: Distance: 3m



No.	Freq. (MHz)	(dBuV/m)	Factor (dB)	(dBuV/m)	(dBuV/m)	(dB)	Detector	Remark
1	2438.798	95.16	-7.36	87.80	114.00	-26.20	peak	
2	2438.798	81.96	-7.36	74.60	94.00	-19.40	AVG	
3	4877.595	54.52	0.11	54.63	74.00	-19.37	peak	
4	4877.595	47.69	0.11	47.80	54.00	-6.20	AVG	



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Horizontal

Job No.: RTTE #411

Standard: FCC Class B 3M Radiated

Test item: Radiation Test Temp.( C)/Hum.(%) 25 C / 52 % EUT: 2.4GWireless Mini Keyboard

Mode: TX 2438.8MHz

Model: ET-3702

Manufacturer: Eastern Times

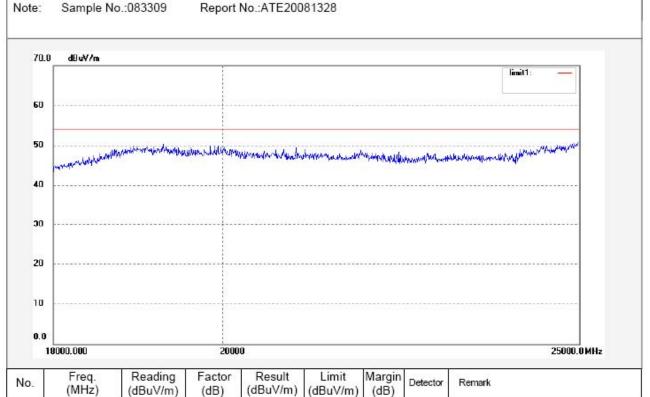
Time: 10/14/39 Engineer Signature:

Date: 08/09/02/

Polarization:

Power Source: DC 3V

Distance: 3m





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

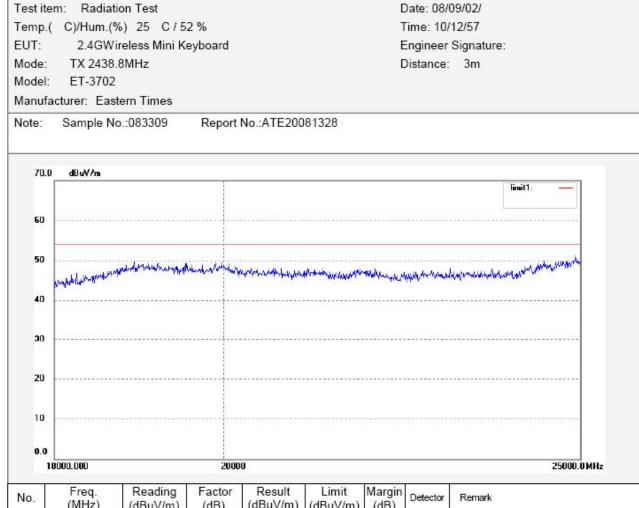
Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Polarization: Vertical

Power Source: DC 3V

Job No.: RTTE #410

Standard: FCC Class B 3M Radiated



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark	



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Polarization:

Date: 08/09/01/

Time: 9/16/06

Distance: 3m

Power Source: DC 3V

Engineer Signature:

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Horizontal

Job No.: RTTE #400

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 52 % EUT: 2.4GWireless Mini Keyboard

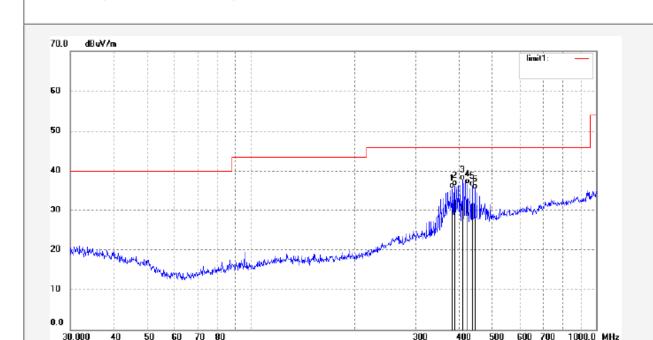
Sample No.:083309

Mode: TX 2477.2MHz Model: ET-3702

Note:

Manufacturer: Eastern Times

Report No.:ATE20081328



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	383.1960	13.95	21.64	35.59	46.00	-10.41	QP	
2	389.9873	14.44	21.88	36.32	46.00	-9.68	QP	
3	411.0924	14.77	22.90	37.67	46.00	-8.33	QP	
4	424.2998	13.60	23.10	36.70	46.00	-9.30	QP	
5	437.9316	13.30	22.89	36.19	46.00	-9.81	QP	
6	445.6931	12.54	22.91	35.45	46.00	-10.55	QP	



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: RTTE #401

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 52 % EUT: 2.4GWireless Mini Keyboard

Sample No.:083309

Mode: TX 2477.2MHz Model: ET-3702

Note:

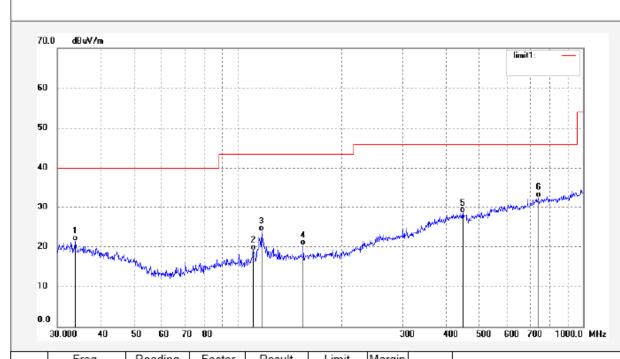
Manufacturer: Eastern Times

Power Source: DC 3V

Polarization:

Date: 08/09/01/ Time: 9/17/00 Engineer Signature:

Distance: 3m



Report No.:ATE20081328

No.	Freq. (MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	Detector	Remark
1	33.8066	4.55	16.81	21.36	40.00	-18.64	QP	
2	110.8580	5.12	14.06	19.18	43.50	-24.32	QP	
3	117.2687	9.40	14.45	23.85	43.50	-19.65	QP	
4	154.7856	5.84	14.56	20.40	43.50	-23.10	QP	
5	448.8360	5.65	22.94	28.59	46.00	-17.41	QP	
6	741.8155	5.07	27.53	32.60	46.00	-13.40	QP	



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: RTTE #407

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 52 % EUT: 2.4GWireless Mini Keyboard

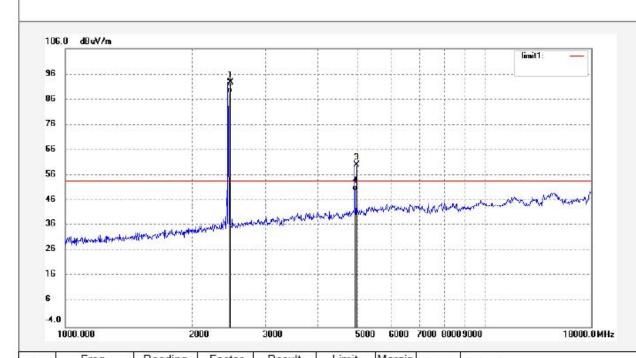
Mode: TX 2477.2MHz Model: ET-3702

Manufacturer: Eastern Times

Note: Sample No.:083309 Report No.:ATE20081328

Polarization: Horizontal Power Source: DC 3V Date: 08/09/01/

Time: 9/47/12
Engineer Signature:
Distance: 3m



No.	Freq. (MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	Detector	Remark
1	2477.198	100.09	-7.37	92.72	114.00	-21.28	peak	
2	2477.198	95.97	-7.37	88.60	94.00	-5.40	AVG	
3	4954.398	59.87	0.48	60.35	74.00	-13.65	peak	
4	4954.398	49.62	0.48	50.10	54.00	-3.90	AVG	



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: RTTE #406

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 52 % EUT: 2.4GWireless Mini Keyboard

Mode: TX 2477.2MHz

Model: ET-3702

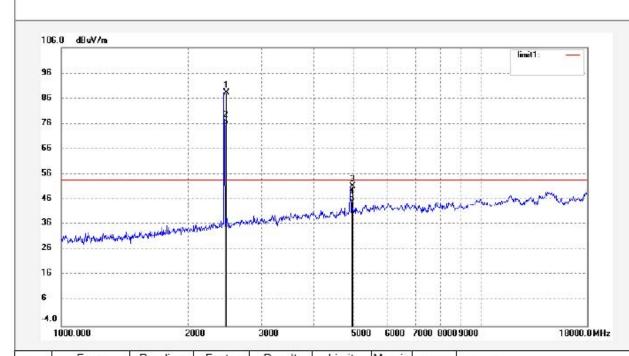
Manufacturer: Eastern Times

Note: Sample No.:083309 Report No.:ATE20081328

Power Source: DC 3V Date: 08/09/01/ Time: 9/45/48 Engineer Signature:

Polarization: Vertical

Distance: 3m



No.	Freq. (MHz)	(dBuV/m)	Factor (dB)	(dBuV/m)	(dBuV/m)	(dB)	Detector	Remark
1	2477.198	95.63	-7.37	88.26	114.00	-25.74	peak	
2	2477.198	82.87	-7.37	75.50	94.00	-18.50	AVG	
3	4954.398	50.86	0.48	51.34	74.00	-22.66	peak	
4	4954.398	44.82	0.48	45.30	54.00	-8.70	AVG	



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: RTTE #408

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 52 % EUT: 2.4GWireless Mini Keyboard

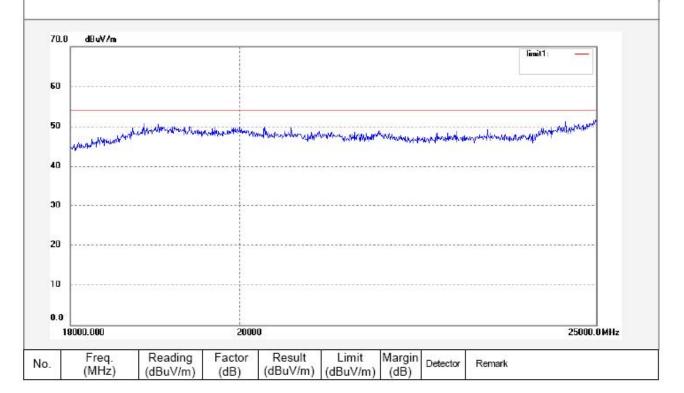
Mode: TX 2477.2MHz Model: ET-3702

Manufacturer: Eastern Times

Note: Sample No.:083309 Report No.:ATE20081328

Polarization: Horizontal Power Source: DC 3V

Date: 08/09/02/ Time: 10/10/12 Engineer Signature: Distance: 3m





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Polarization: Vertical

Job No.: RTTE #409

Standard: FCC Class B 3M Radiated

Power Source: DC 3V Date: 08/09/02/ Test item: Radiation Test Temp.( C)/Hum.(%) 25 C / 52 % Time: 10/11/50 EUT: 2.4GWireless Mini Keyboard Engineer Signature: Mode: TX 2477.2MHz Distance: 3m Model: ET-3702 Manufacturer: Eastern Times Note: Sample No.:083309 Report No.:ATE20081328 70.0 dBuV/m limit1 50 40 30 20 10 0.0 18000.000 20000 25000.0 MHz

Limit Reading Result Margin Freq. Factor Detector Remark No. (MHz) (dBuV/m) (dBuV/m) (dB) (dBuV/m) (dB)



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: RTTE #437

Standard: FCC Part 15 PEAK 2.4G

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 52 % EUT: 2.4G Wireless Mini Keyboard

Mode: TX 2405.2MHz Model: ET-3702

Manufacturer: Eastern Times

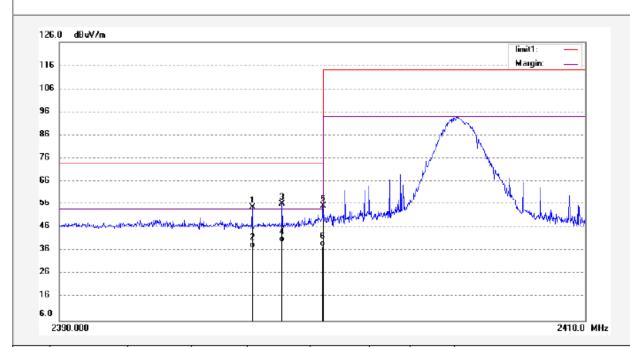
Date: 08/09/18/ Time: 9/18/28 Engineer Signature: Distance: 3m

Polarization:

Power Source: DC 3V

Horizontal

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	2397.315	62.34	-7.48	54.86	74.00	-19.14	peak	
2	2397.315	44.71	-7.48	37.23	54.00	-16.77	AVG	
3	2398.456	63.85	-7.47	56.38	74.00	-17.62	peak	
4	2398.456	47.11	-7.47	39.64	54.00	-14.36	AVG	
5	2400.000	62.90	-7.46	55.44	74.00	-18.56	peak	
6	2400.000	45.41	-7.46	37.95	54.00	-16.05	AVG	



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: RTTE #438

Standard: FCC Part 15 PEAK 2.4G

Test item: Radiation Test Temp.( C)/Hum.(%) 25 C / 52 %

EUT: 2.4G Wireless Mini Keyboard

Mode: TX 2405.2MHz Model: ET-3702

Manufacturer: Eastern Times

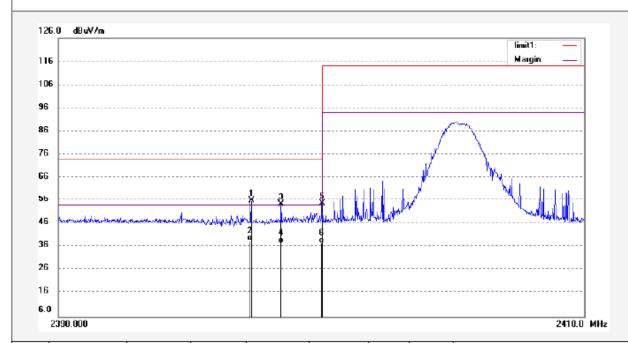
Time: 9/27/29 Engineer Signature: Distance: 3m

Polarization: Vertical

Power Source: DC 3V

Date: 08/09/18/

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	2397.315	63.40	-7.48	55.92	74.00	-18.08	peak	
2	2397.315	46.03	-7.48	38.55	54.00	-15.45	AVG	
3	2398.456	61.82	-7.47	54.35	74.00	-19.65	peak	
4	2398.456	45.15	-7.47	37.68	54.00	-16.32	AVG	
5	2400.000	62.28	-7.46	54.82	74.00	-19.18	peak	
6	2400.000	45.23	-7.46	37.77	54.00	-16.23	AVG	



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Job No.: RTTE #439

Standard: FCC Part 15 PEAK 2.4G

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 52 %

EUT: 2.4G Wireless Mini Keyboard

Mode: TX 2477.2MHz Model: ET-3702

Manufacturer: Eastern Times

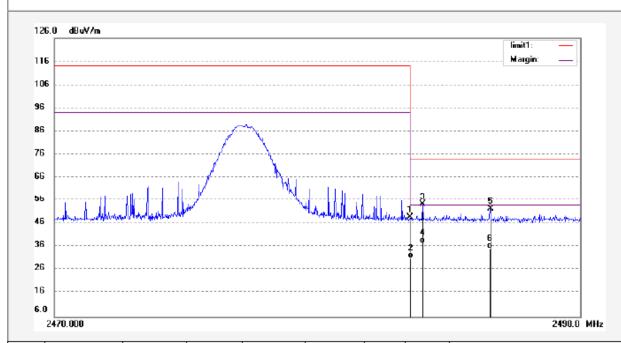
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Polarization: Horizontal Power Source: DC 3V

Date: 08/09/18/ Time: 9/38/05 Engineer Signature:

Distance: 3m





No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	2483.500	56.14	-7.37	48.77	74.00	-25.23	peak	
2	2483.500	38.33	-7.37	30.96	54.00	-23.04	AVG	
3	2483.991	61.72	-7.38	54.34	74.00	-19.66	peak	
4	2483.991	45.09	-7.38	37.71	54.00	-16.29	AVG	
5	2486.562	59.85	-7.38	52.47	74.00	-21.53	peak	
6	2486.562	42.70	-7.38	35.32	54.00	-18.68	AVG	



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Job No.: RTTE #440

Standard: FCC Part 15 PEAK 2.4G

Test item: Radiation Test

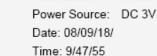
Temp.( C)/Hum.(%) 25 C / 52 %

EUT: 2.4G Wireless Mini Keyboard

Mode: TX 2477.2MHz Model: ET-3702

Manufacturer: Eastern Times

Note:



Polarization: Vertical

Engineer Signature: Distance: 3m

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No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	2483.500	56.04	-7.37	48.67	74.00	-25.33	peak	
2	2483.500	38.92	-7.37	31.55	54.00	-22.45	AVG	
3	2483.871	59.70	-7.38	52.32	74.00	-21.68	peak	
4	2483.871	42.19	-7.38	34.81	54.00	-19.19	AVG	
5	2486.562	59.21	-7.38	51.83	74.00	-22.17	peak	
6	2486.562	40.94	-7.38	33.56	54.00	-20.44	AVG	