

FCC CERTIFICATION  
On Behalf of  
Comat Electronic (Shenzhen) Co., Ltd.

2.4G Wireless Mouse  
Model No.: T9G

FCC ID: RTX-T9G

Prepared for : Comat Electronic (Shenzhen) Co., Ltd.  
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China

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APPENDIX I ( TEST CURVES) (28 pages)

## Test Report Certification

Applicant : Comat Electronic (Shenzhen) Co., Ltd.  
Manufacturer : Comat Electronic (Shenzhen) Co., Ltd.  
EUT Description : 2.4G Wireless Mouse  
(A) MODEL NO.: T9G  
(B) POWER SUPPLY: 3V DC (“AAA” batteries 2×)


Measurement Procedure Used:


**FCC Rules and Regulations Part 15 Subpart C Section 15.249**  
**ANSI C63.4: 2009**

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 Section 15.249 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 : August 18-31, 2012

Prepared by :   
( Kitty Chen, Engineer)

Approved & Authorized Signer :   
( Sean Liu, Manager)

## 1. GENERAL INFORMATION

### 1.1. Description of Device (EUT)

EUT	:	2.4G Wireless Mouse
Model Number	:	T9G
Trade Name	:	COMAT
Power Supply	:	3V DC (“AAA” batteries 2×)
Operate Frequency	:	2408.000-2474.000MHz
Applicant	:	Comat Electronic (Shenzhen) Co., Ltd.
Address	:	No.2 Lane 1, Xin’an 3 <sup>rd</sup> 28 District, Baoan, Shenzhen, China
Manufacturer	:	Comat Electronic (Shenzhen) Co., Ltd.
Address	:	No.2 Lane 1, Xin’an 3 <sup>rd</sup> 28 District, Baoan, Shenzhen, China
Date of sample received	:	August 17, 2012
Date of Test	:	August 18-31, 2012

### 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  
(9kHz-30MHz) = 3.08dB, k=2

Radiated emission expanded uncertainty  
(30MHz-1000MHz) = 4.42dB, k=2

Radiated emission expanded uncertainty  
(Above 1GHz) = 4.06dB, k=2

## 2. MEASURING DEVICE AND TEST EQUIPMENT

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

Kind of equipment	Manufacturer	Type	S/N	Calibrated dates	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 8, 2012	Jan. 7, 2013
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 8, 2012	Jan. 7, 2013
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 8, 2012	Jan. 7, 2013
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	Jan. 8, 2012	Jan. 7, 2013
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 8, 2012	Jan. 7, 2013
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 8, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 8, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 8, 2012	Jan. 7, 2013
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 8, 2012	Jan. 7, 2013
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 8, 2012	Jan. 7, 2013

### 3. SUMMARY OF TEST RESULTS

<b>FCC Rules</b>	<b>Description of Test</b>	<b>Result</b>
Section 15.207	Conducted Emission	N/A
Section 15.249(a)	Fundamental and Harmonics Radiated Emission	Compliant
Section 15.249(d)	Spurious Radiated Emission	Compliant
Section 15.249(d)	Band Edge	Compliant
Section 15.203	Antenna Requirement	Compliant

Remark: "N/A" means "Not applicable".

# 4. FUNDAMENTAL AND HARMONICS RADIATED EMISSION FOR SECTION 15.249(A)

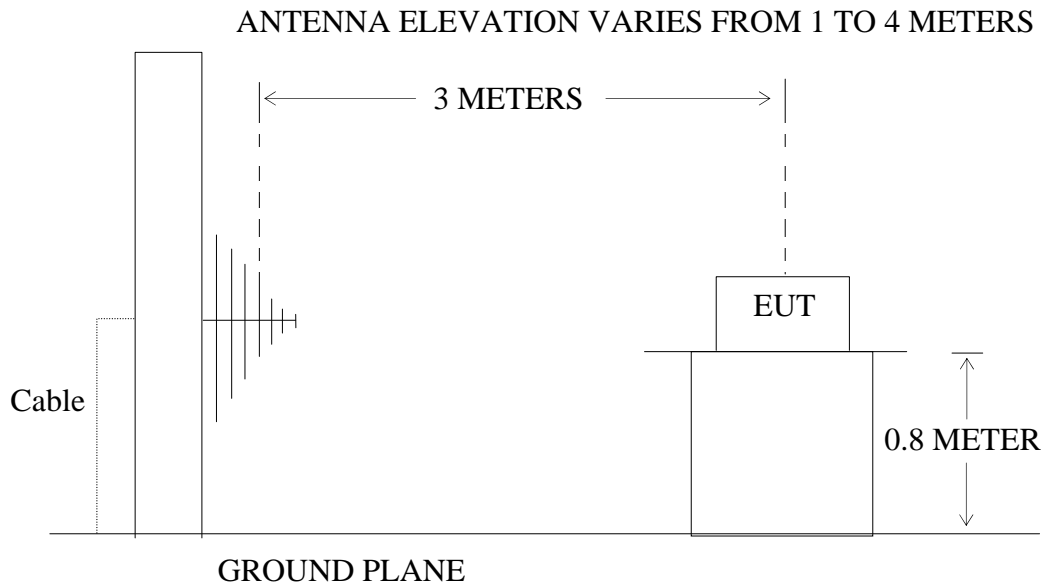
## 4.1. Block Diagram of Test Setup

### 4.1.1. Block diagram of connection between the EUT and simulators



(EUT: 2.4G Wireless Mouse)

### 4.1.2. Semi-Anechoic Chamber Test Setup Diagram



(EUT: 2.4G Wireless Mouse)



## 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 Frequency	Field Strength of Fundamental (millivolts/meter)	Field Strength of harmonics (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 Mouse (EUT)

Model Number : T9G  
 Serial Number : N/A  
 Manufacturer : Comat Electronic (Shenzhen) 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 2408.000 - 2474.000 MHz. We are select 2408.000MHz, 2440.000MHz, 2474.000MHz 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 bi-log 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: 2009 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

The bandwidth of test receiver is set at 120kHz in 30-1000MHz. and set at 1MHz in above 1000MHz.

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

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

Date of Test:	August 20, 2012	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	T9G	Power Supply:	DC 3V
Test Mode:	TX 2408.000MHz	Test Engineer:	Star

#### Fundamental Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2408.000	92.56	97.97	-7.44	85.12	90.53	94.00	114.00	-8.88	-23.47	Vertical
2408.000	98.63	103.79	-7.44	91.19	96.35	94.00	114.00	-8.81	-17.65	Horizontal

#### Harmonics Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
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:

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

$$\text{Where Corrected Factor} = \text{Antenna Factor} + \text{Cable Loss} + \text{High Pass Filter Loss} - \text{Amplifier Gain}$$

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

Date of Test:	<u>August 20, 2012</u>	Temperature:	<u>25°C</u>
EUT:	<u>2.4G Wireless Mouse</u>	Humidity:	<u>50%</u>
Model No.:	<u>T9G</u>	Power Supply:	<u>DC 3V</u>
Test Mode:	<u>TX 2440.000MHz</u>	Test Engineer:	<u>Star</u>

### Fundamental Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2440.000	95.08	101.79	-7.36	87.72	94.43	94.00	114.00	-6.28	-19.57	Vertical
2440.000	97.61	103.94	-7.36	90.25	96.58	94.00	114.00	-3.75	-17.42	Horizontal

### Harmonics Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
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:

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

$$\text{Where Corrected Factor} = \text{Antenna Factor} + \text{Cable Loss} + \text{High Pass Filter Loss} - \text{Amplifier Gain}$$

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

Date of Test:	<u>August 20, 2012</u>	Temperature:	<u>25°C</u>
EUT:	<u>2.4G Wireless Mouse</u>	Humidity:	<u>50%</u>
Model No.:	<u>T9G</u>	Power Supply:	<u>DC 3V</u>
Test Mode:	<u>TX 2474.000MHz</u>	Test Engineer:	<u>Star</u>

### Fundamental Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2474.000	96.75	102.35	-7.37	89.38	94.98	94.00	114.00	-4.62	-19.02	Vertical
2474.000	95.04	100.72	-7.37	87.67	93.35	94.00	114.00	-6.33	-20.65	Horizontal

### Harmonics Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
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:

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

$$\text{Where Corrected Factor} = \text{Antenna Factor} + \text{Cable Loss} + \text{High Pass Filter Loss} - \text{Amplifier Gain}$$

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

## 5. SPURIOUS RADIATED EMISSION FOR SECTION 15.249(D)

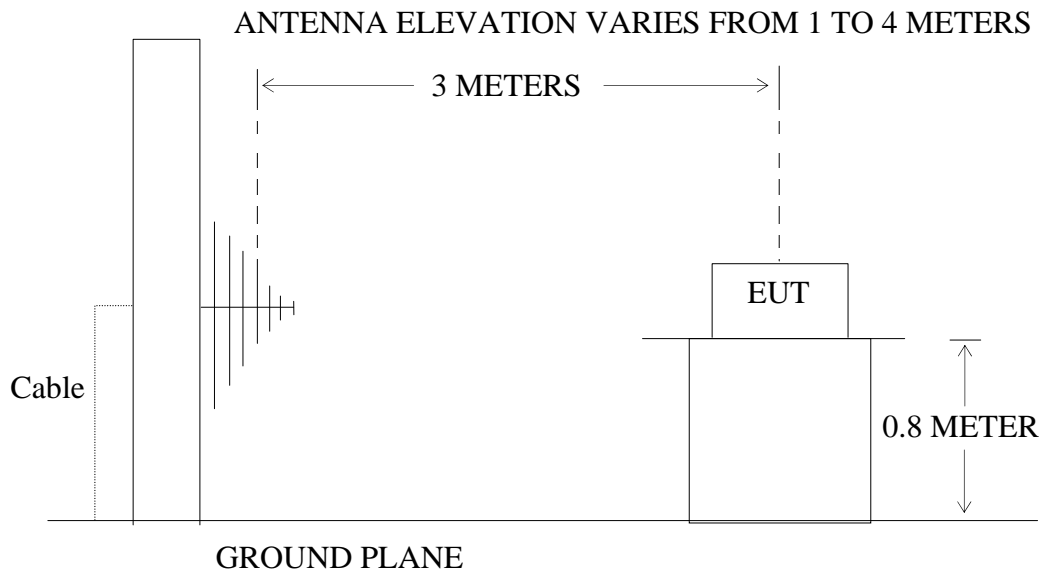
### 5.1. Block Diagram of Test Setup

#### 5.1.1. Block diagram of connection between the EUT and simulators



(EUT: 2.4G Wireless Mouse)

#### 5.1.2. Semi-Anechoic Chamber Test Setup Diagram



(EUT: 2.4G Wireless Mouse)

## 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

Frequency (MHz)	Limit		
	Field Strength (microvolts/meter)	Measurement Distance (meters)	
0.009 – 0.490	2400/F(kHz)	300	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.
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	

## 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 Mouse (EUT)

Model Number : T9G  
 Manufacturer : Comat Electronic (Shenzhen) 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 2408.000 - 2474.000 MHz. We are select 2408.000MHz, 2440.000MHz, and 2474.000MHz 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: 2009 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

The bandwidth of test receiver is set at 9kHz in below 30MHz. and set at 120kHz in 30-1000MHz, and 1MHz in above 1000MHz.

The frequency range from 9kHz to 25GHz 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:	<u>August 20, 2012</u>	Temperature:	<u>25°C</u>
EUT:	<u>2.4G Wireless Mouse</u>	Humidity:	<u>50%</u>
Model No.:	<u>T9G</u>	Power Supply:	<u>DC 3V</u>
Test Mode:	<u>TX 2408.000MHz</u>	Test Engineer:	<u>Star</u>

Below 30MHz

Frequency (MHz)	Reading (dB $\mu$ V/m)	Factor(dB) Corr.	Result (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

30MHz-25GHz

Frequency (MHz)	Reading (dB $\mu$ V/m)	Factor(dB) Corr.	Result (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
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:

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

$$\text{Where Corrected Factor} = \text{Antenna Factor} + \text{Cable Loss} + \text{High Pass Filter Loss} - \text{Amplifier Gain}$$

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

Date of Test:	August 20, 2012	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	T9G	Power Supply:	DC 3V
Test Mode:	TX 2440.000MHz	Test Engineer:	Star

## Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

## 30MHz-25GH

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	Horizontal

## Note:

- Emissions attenuated more than 20 dB below the permissible value are not reported.
- 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:  

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

$$\text{Where Corrected Factor} = \text{Antenna Factor} + \text{Cable Loss} + \text{High Pass Filter Loss} - \text{Amplifier Gain}$$
- The spectral diagrams in appendix I display the measurement of peak values.

Date of Test:	August 20, 2012	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	T9G	Power Supply:	DC 3V
Test Mode:	TX 2474.000MHz	Test Engineer:	Star

## Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

## 30MHz-25GH

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	Horizontal

## Note:

- Emissions attenuated more than 20 dB below the permissible value are not reported.
- 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:  

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

$$\text{Where Corrected Factor} = \text{Antenna Factor} + \text{Cable Loss} + \text{High Pass Filter Loss} - \text{Amplifier Gain}$$
- The spectral diagrams in appendix I display the measurement of peak values.

## 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 Mouse (EUT)

Model Number : T9G  
 Serial Number : N/A  
 Manufacturer : Comat Electronic (Shenzhen) 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 2408.000-2474.000MHz MHz. We are select 2408.000MHz, 2474.000MHz 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:	<u>August 20, 2012</u>	Temperature:	<u>25°C</u>
EUT:	<u>2.4G Wireless Mouse</u>	Humidity:	<u>50%</u>
Model No.:	<u>T9G</u>	Power Supply:	<u>DC 3V</u>
Test Mode:	<u>TX 2408.000MHz</u>	Test Engineer:	<u>Star</u>

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2310.000	36.04	44.64	-7.81	28.23	36.83	54.00	74.00	-25.77	-37.17	Vertical
2384.445	42.55	51.16	-7.56	34.99	43.60	54.00	74.00	-19.01	-30.40	Vertical
2390.000	37.48	45.64	-7.53	29.95	38.11	54.00	74.00	-24.05	-35.89	Vertical
2310.000	36.58	44.75	-7.81	28.77	36.94	54.00	74.00	-25.23	-37.06	Horizontal
2384.163	47.68	56.20	-7.62	40.12	48.64	54.00	74.00	-13.88	-25.36	Horizontal
2390.000	38.17	46.60	-7.53	30.64	39.07	54.00	74.00	-23.36	-34.93	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
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:  

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

$$\text{Where Corrected Factor} = \text{Antenna Factor} + \text{Cable Loss} + \text{High Pass Filter Loss} - \text{Amplifier Gain}$$
3. The spectral diagrams in appendix I display the measurement of peak values.

Date of Test:	August 20, 2012	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	T9G	Power Supply:	DC 3.0V
Test Mode:	TX 2474.000MHz	Test Engineer:	Star

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	49.28	57.92	-7.37	41.91	50.55	54.00	74.00	-12.09	-23.45	Vertical
2487.349	55.18	64.08	-7.38	47.80	56.70	54.00	74.00	-6.20	-17.30	Vertical
2500.000	39.47	47.64	-7.40	32.07	40.24	54.00	74.00	-21.93	-33.76	Vertical
2483.500	54.28	61.00	-7.37	46.91	53.63	54.00	74.00	-7.09	-20.37	Horizontal
2487.349	53.88	65.91	-7.38	46.50	58.53	54.00	74.00	-7.50	-15.47	Horizontal
2500.000	40.25	48.44	-7.40	32.85	41.04	54.00	74.00	-21.15	-32.96	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
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:  

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

$$\text{Where Corrected Factor} = \text{Antenna Factor} + \text{Cable Loss} + \text{High Pass Filter Loss} - \text{Amplifier Gain}$$
3. The spectral diagrams in appendix I display the measurement of peak values.

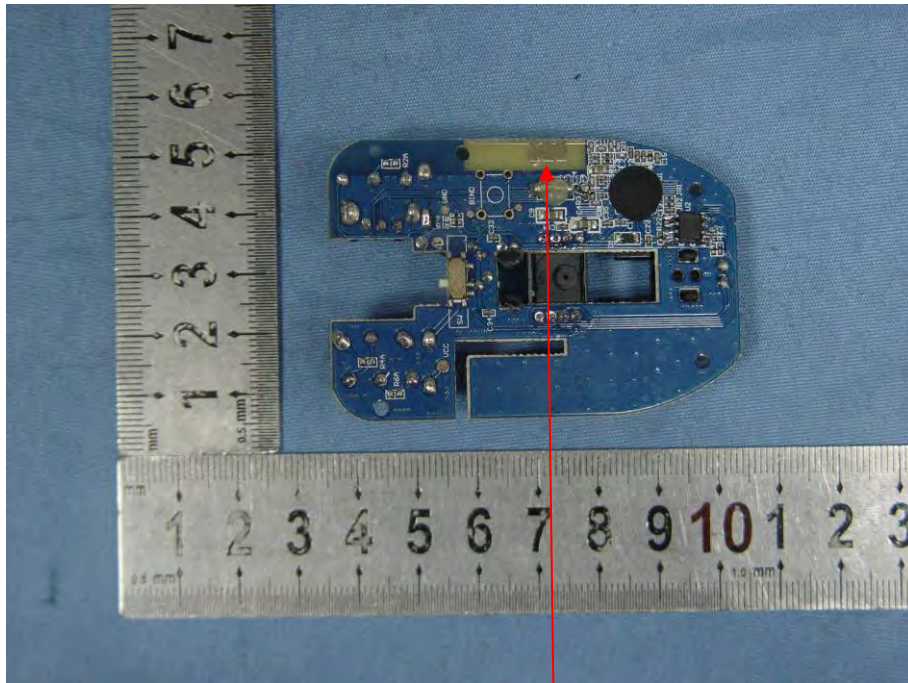
## 7. ANTENNA REQUIREMENT

### 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)





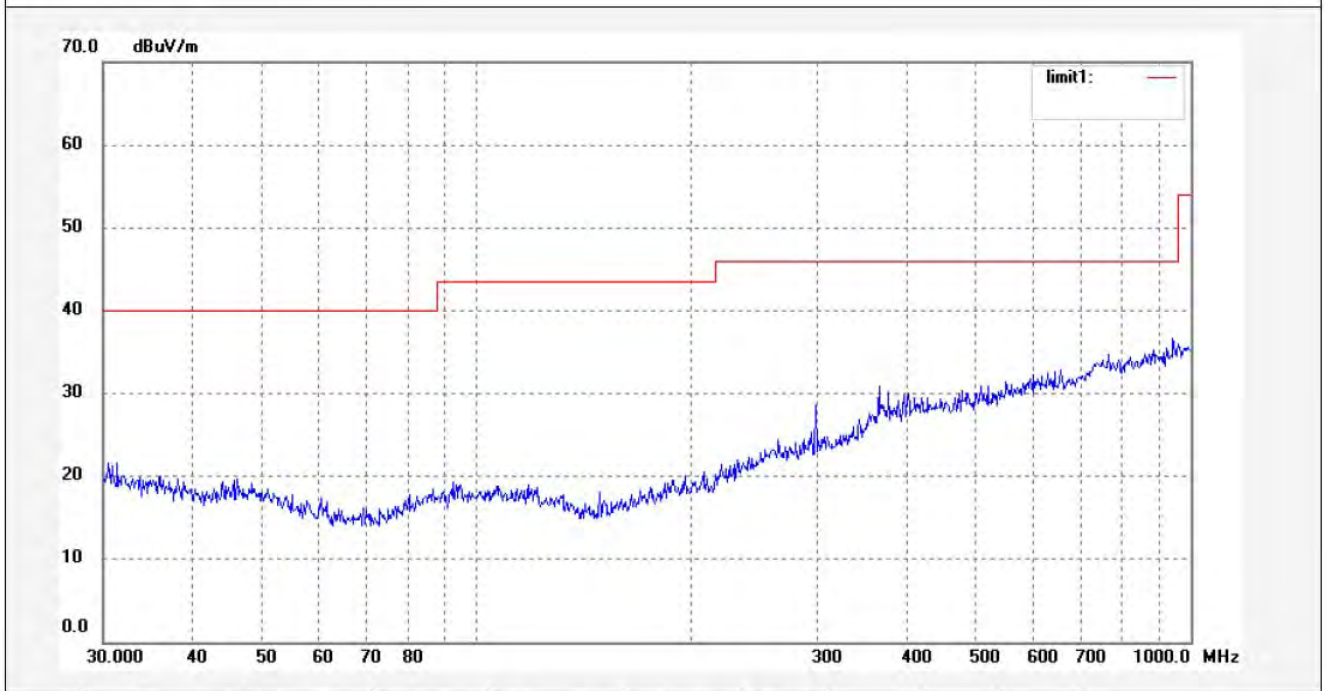
**ACCURATE TECHNOLOGY CO., LTD.**

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.: STAR #2037	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/08/18/
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 8/45/47
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2408MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	-------------	------------------	-------------	-----------------	----------------	-------------	----------	-------------	---------------	--------



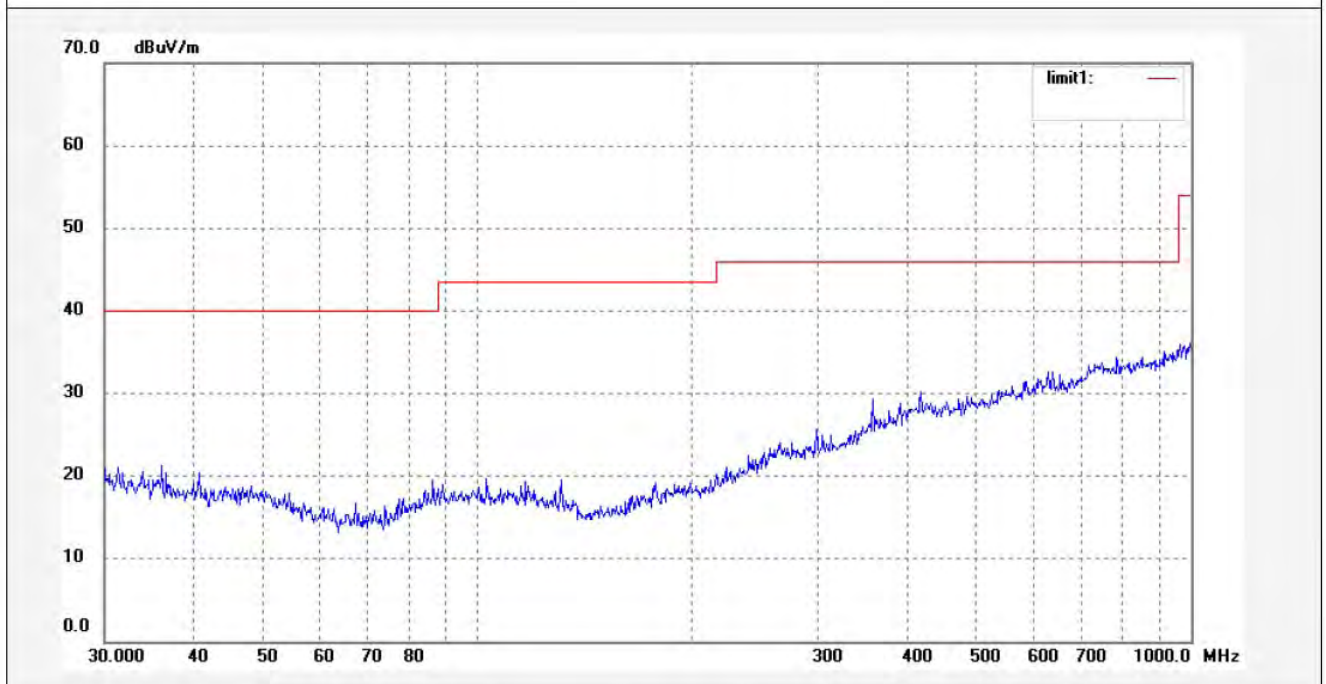
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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: STAR #2038	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/08/18/
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 8/46/32
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2408MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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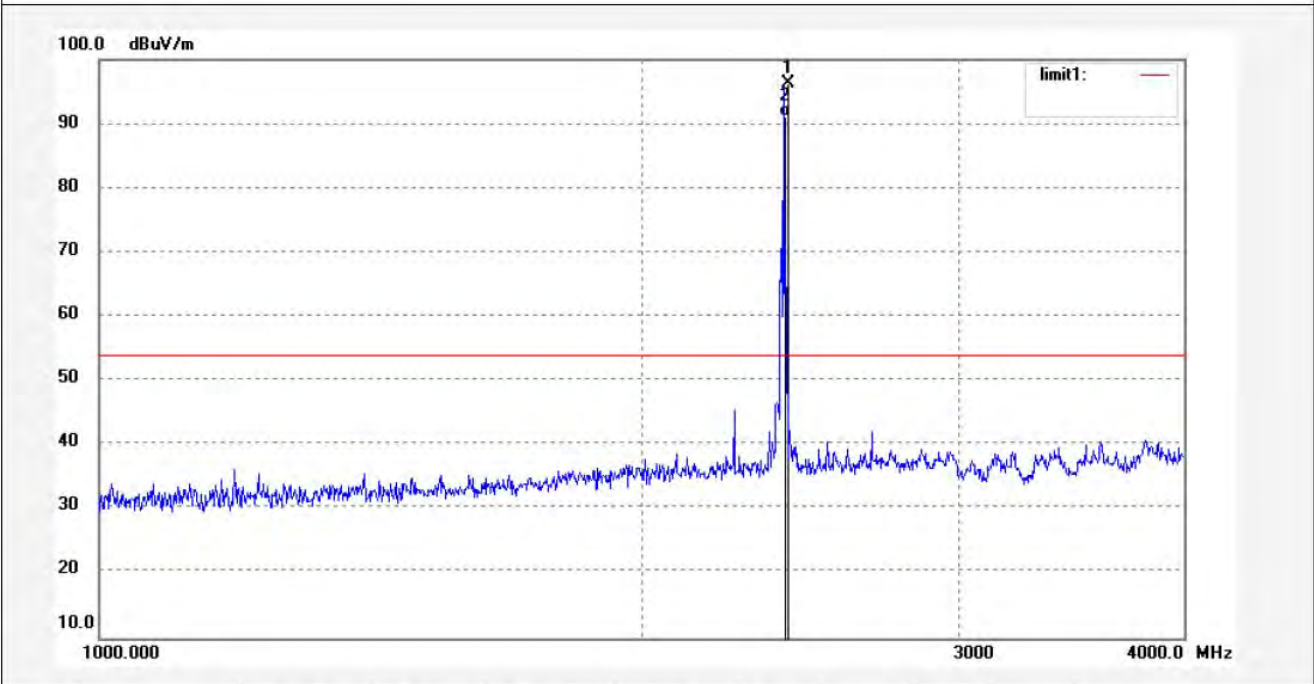
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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: STAR #2082	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/08/20/
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 11/24/29
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2408MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2408.000	103.79	-7.44	96.35	114.00	-17.65	peak			
2	2408.000	98.63	-7.44	91.19	94.00	-2.81	AVG			



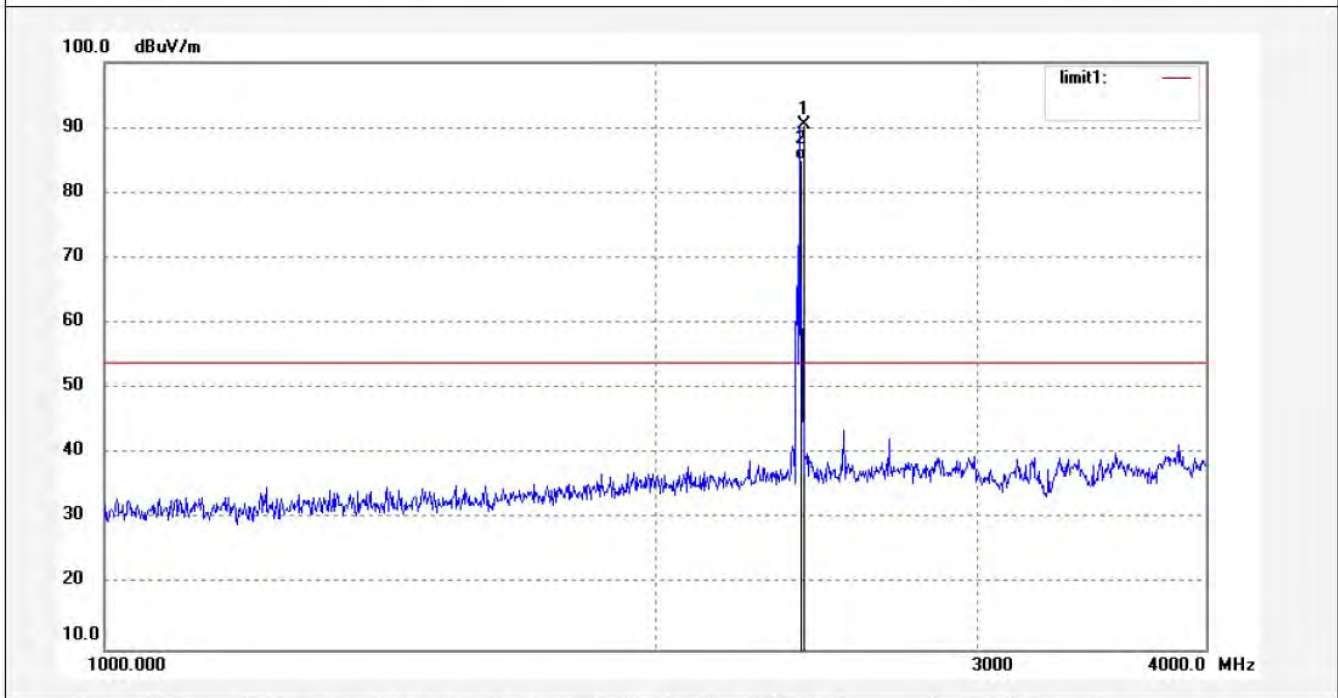
**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: STAR #2081	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/08/20/
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 11/22/51
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2408MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2408.000	97.97	-7.44	90.53	114.00	-23.47	peak			
2	2408.000	92.56	-7.44	85.12	94.00	-8.88	AVG			



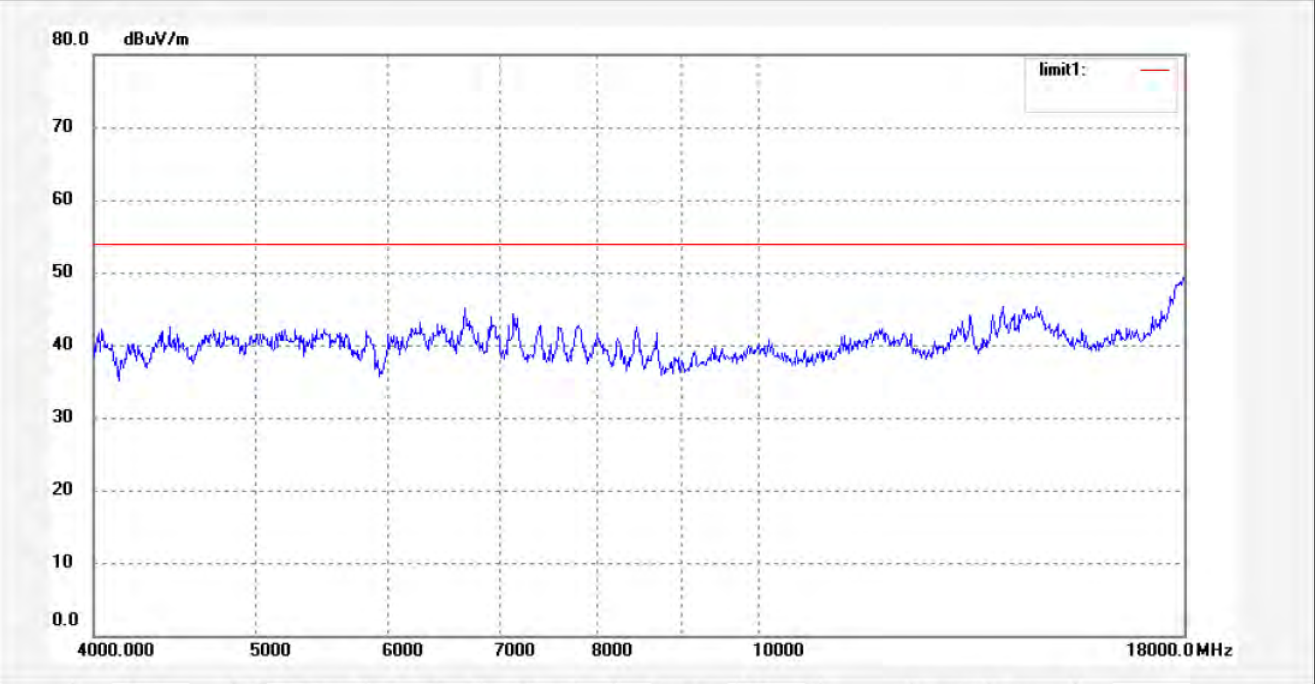
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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: STAR #2087	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 2012/08/20
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 13:37:28
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2408MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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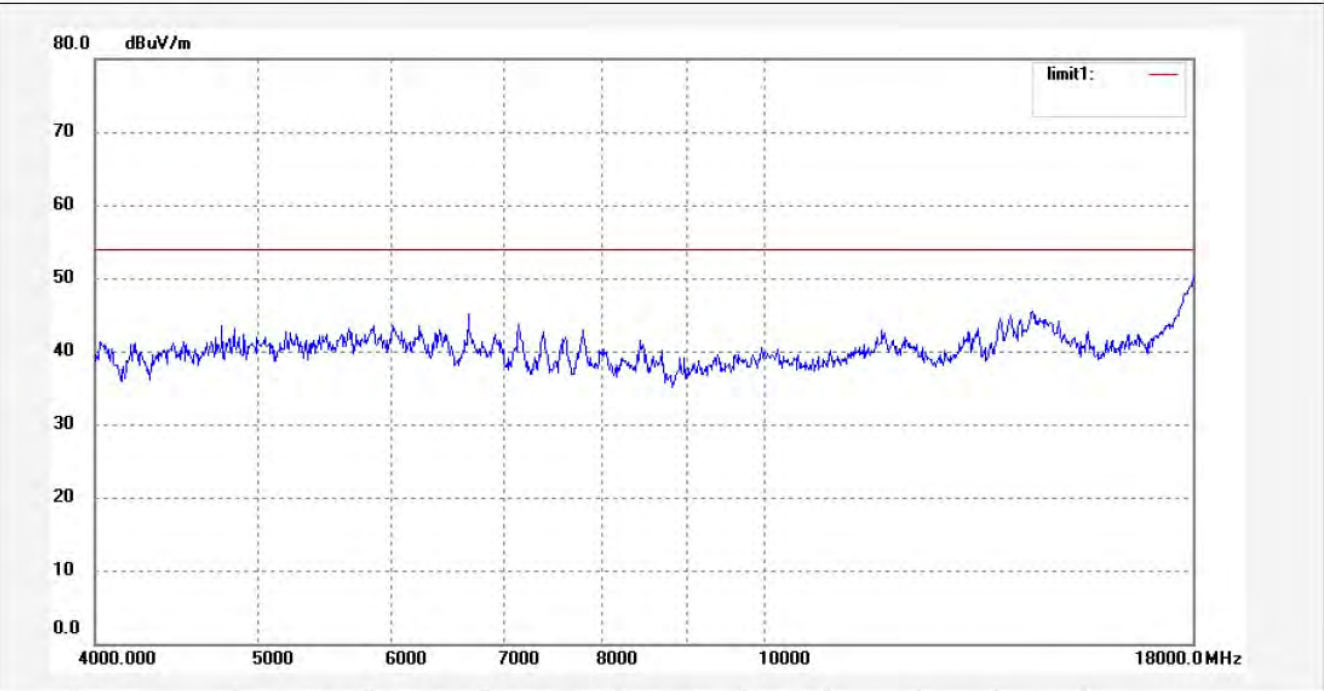
**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: STAR #2088	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 2012/08/20
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 13:39:44
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2408MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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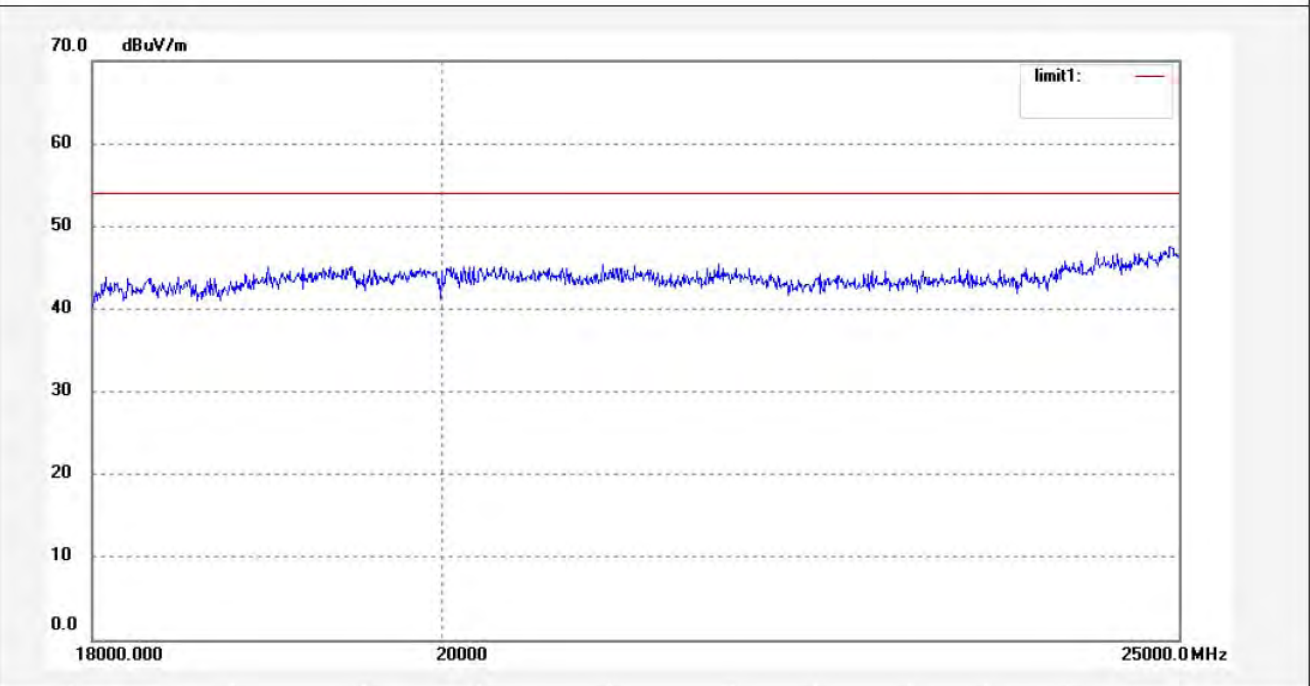
**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: star #875	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 2012/08/21
Temp.( C)/Hum.(%) 25 C / 51 %	Time: 20:01:24
EUT: 2.4G Wireless mouse	Engineer Signature: Star
Mode: TX 2408MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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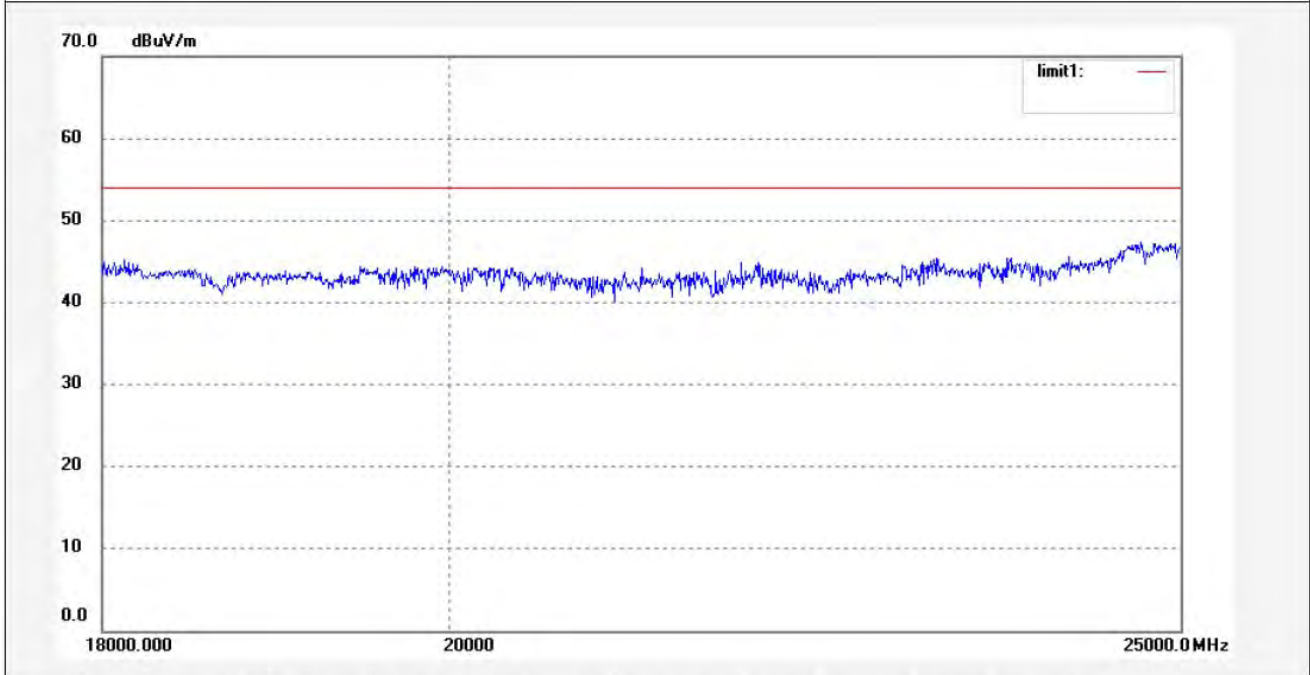
**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: star #874	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 2012/08/21
Temp.( C)/Hum.(%) 25 C / 51 %	Time: 19:57:01
EUT: 2.4G Wireless mouse	Engineer Signature: Star
Mode: TX 2408MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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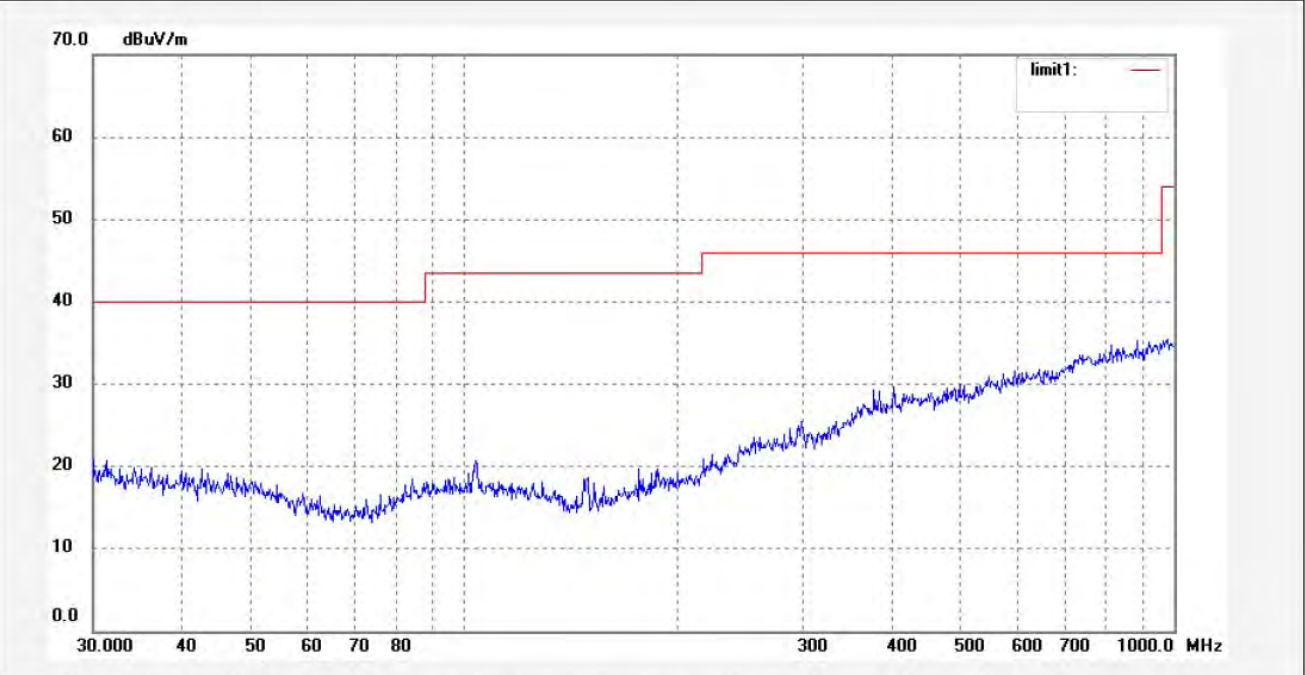
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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: STAR #2040	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/08/18/
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 8/47/35
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2440MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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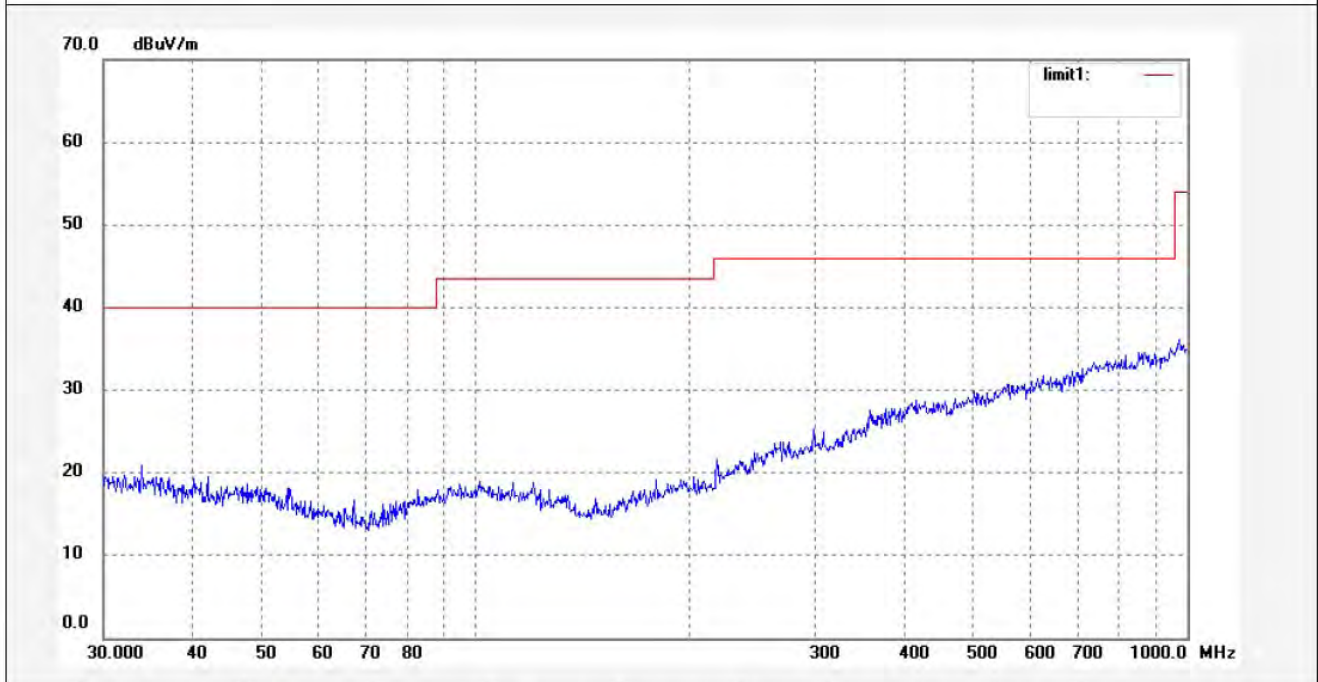
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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: STAR #2039	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/08/18/
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 8/46/58
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2440MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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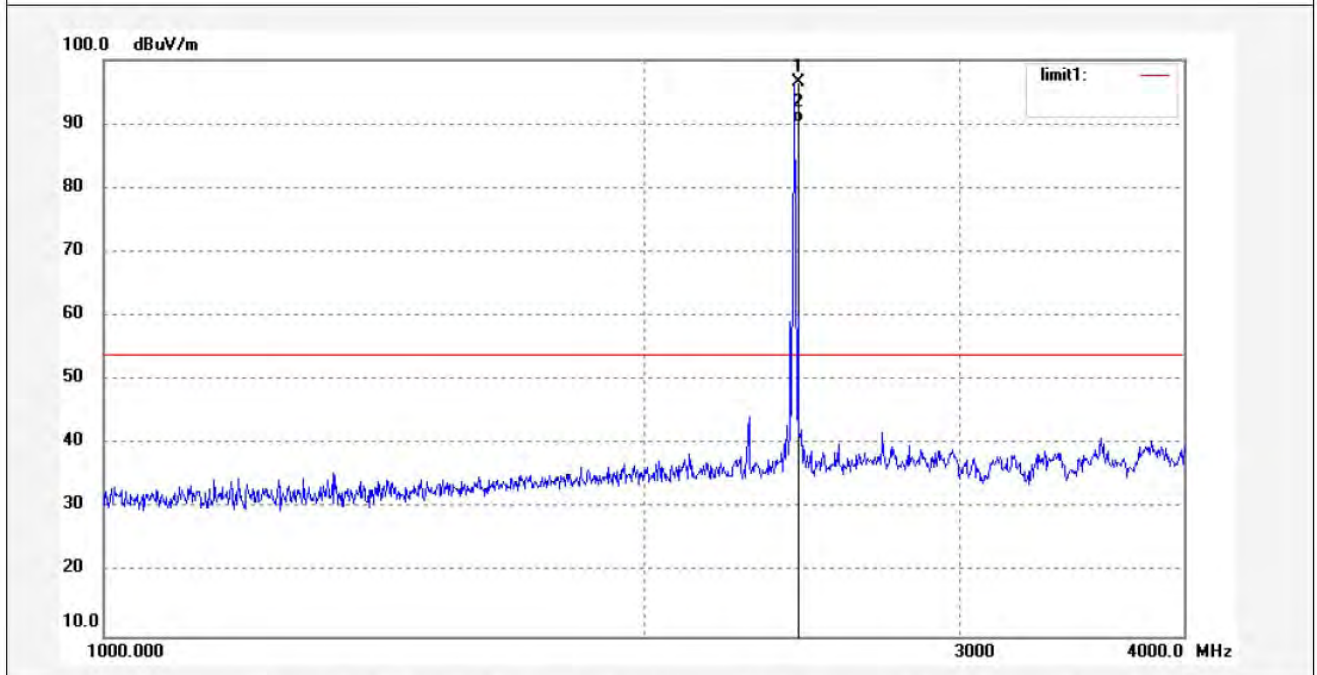
**ACCURATE TECHNOLOGY CO., LTD.**

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.: STAR #2083	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/08/20/
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 11/27/00
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2440MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2440.000	103.94	-7.36	96.58	114.00	-17.42	peak			
2	2440.000	97.61	-7.36	90.25	94.00	-3.75	AVG			



**ACCURATE TECHNOLOGY CO., LTD.**

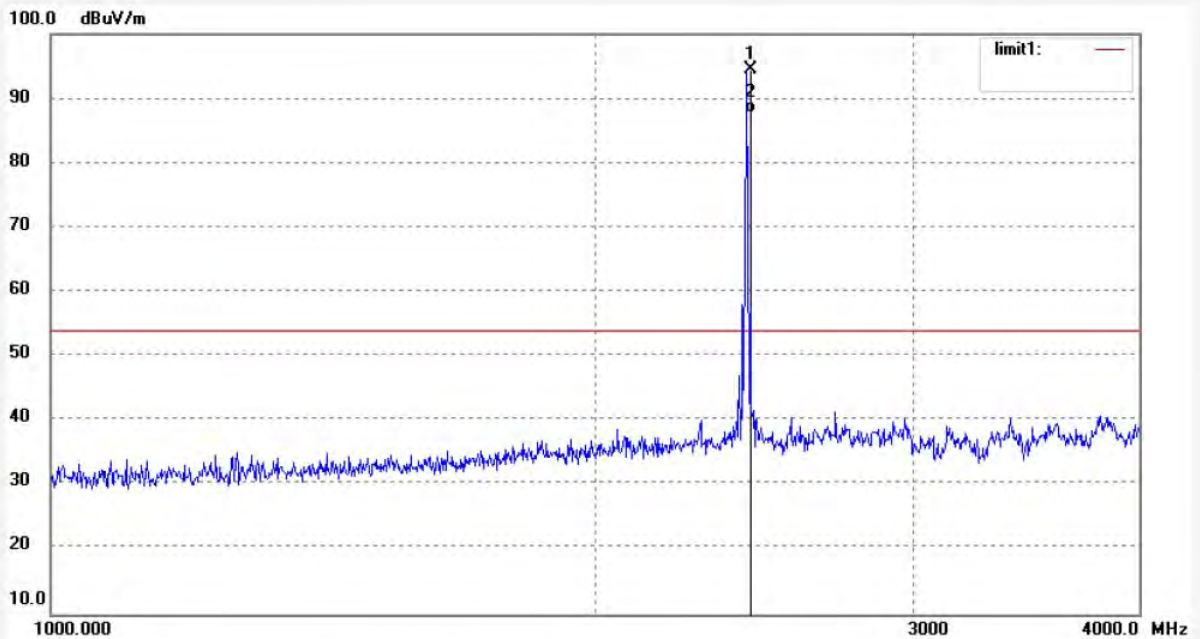
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: STAR #2084  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 24 C / 48 %  
EUT: 2.4G Wireless mouse  
Mode: TX 2440MHz  
Model: T9G  
Manufacturer: COMAT

Polarization: Vertical  
Power Source: DC 3V  
Date: 12/08/20/  
Time: 11/28/07  
Engineer Signature:  
Distance: 3m

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2440.000	101.79	-7.36	94.43	114.00	-19.57	peak			
2	2440.000	95.08	-7.36	87.72	94.00	-6.28	AVG			



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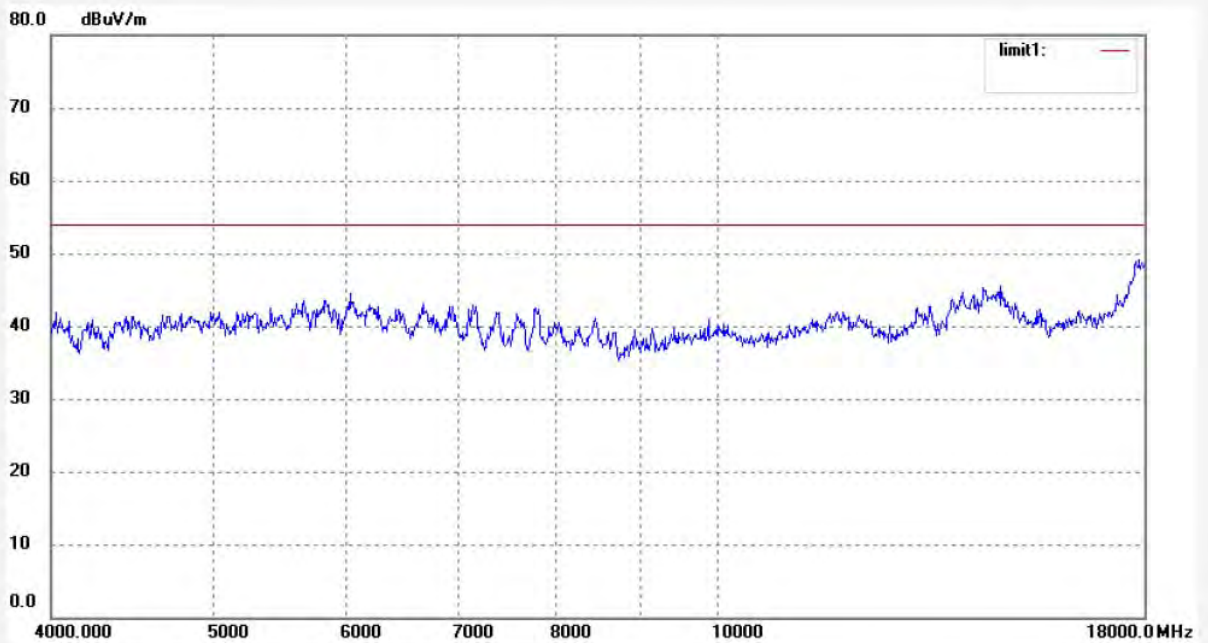
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: STAR #2090  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 24 C / 48 %  
EUT: 2.4G Wireless mouse  
Mode: TX 2440MHz  
Model: T9G  
Manufacturer: COMAT

Polarization: Horizontal  
Power Source: DC 3V  
Date: 2012/08/20  
Time: 13:41:41  
Engineer Signature:  
Distance: 3m

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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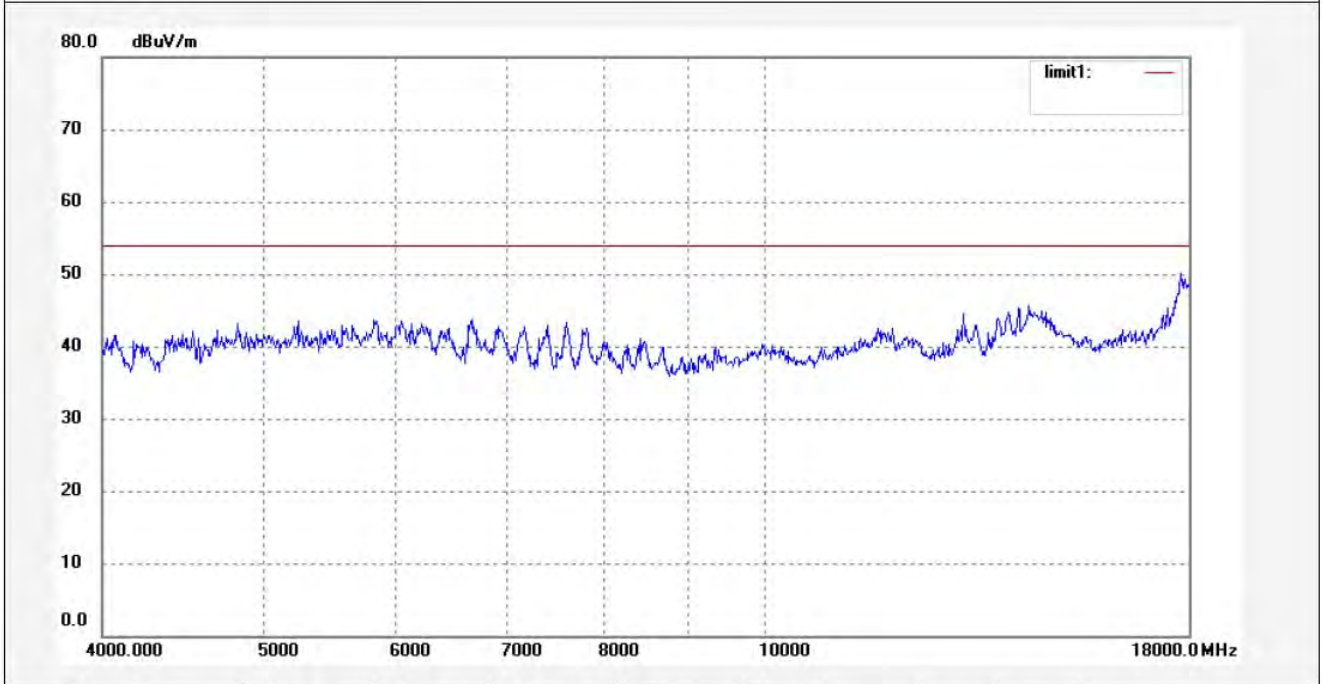
**ACCURATE TECHNOLOGY CO., LTD.**

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.: STAR #2089	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 2012/08/20
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 13:41:02
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2440MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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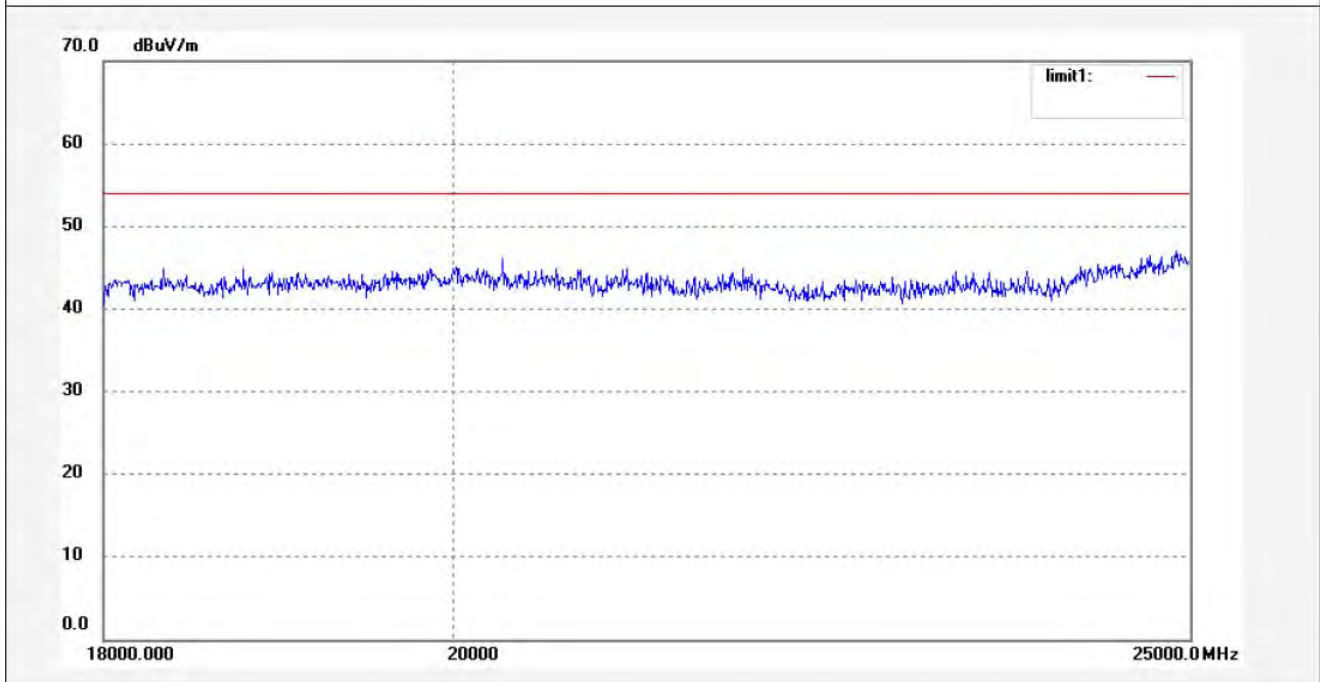
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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: star #876	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 2012/08/21
Temp.( C)/Hum.(%) 25 C / 51 %	Time: 20:06:25
EUT: 2.4G Wireless mouse	Engineer Signature: Star
Mode: TX 2440MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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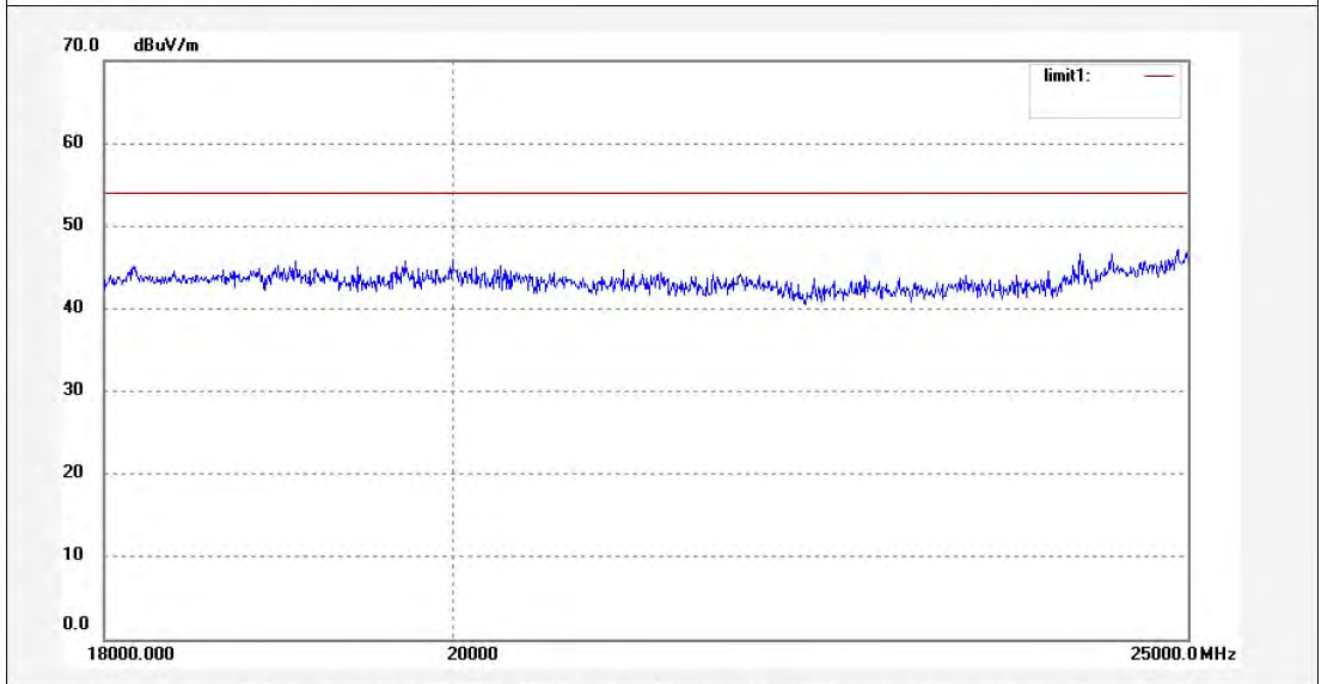
**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: star #877	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 2012/08/21
Temp.( C)/Hum.(%) 25 C / 51 %	Time: 20:09:40
EUT: 2.4G Wireless mouse	Engineer Signature: Star
Mode: TX 2440MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	-------------	------------------	-------------	-----------------	----------------	-------------	----------	-------------	---------------	--------





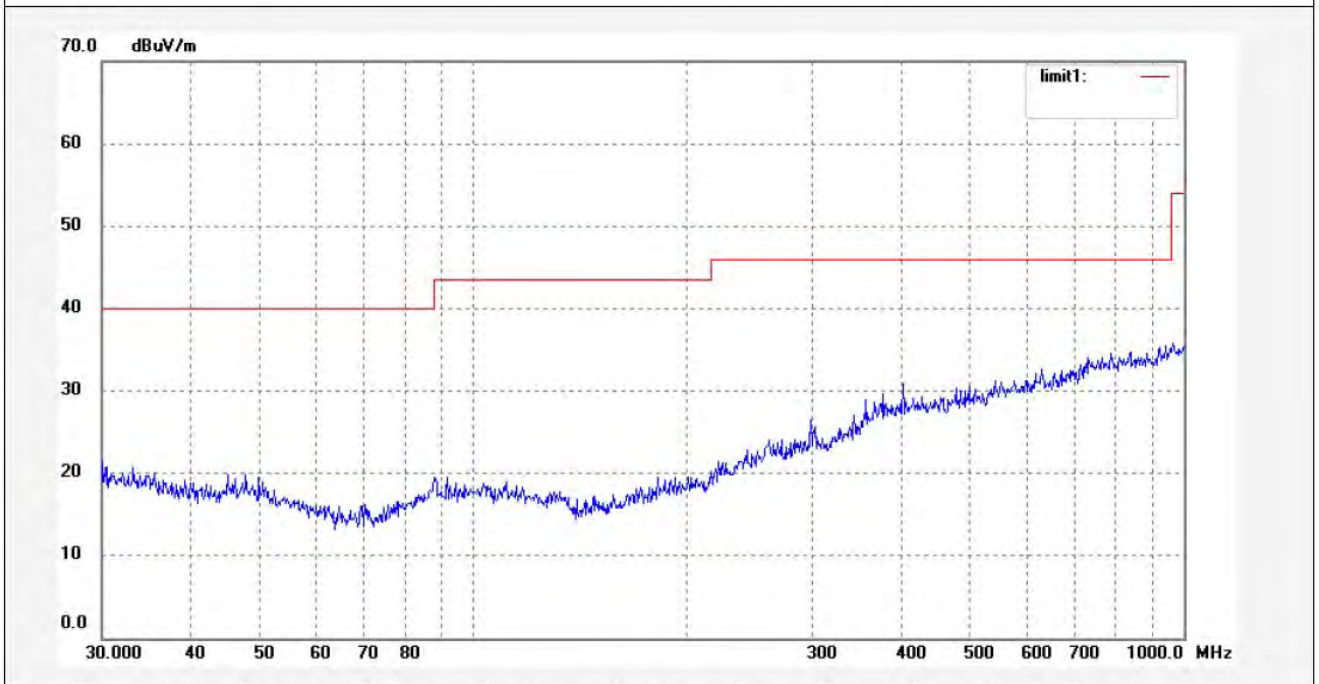
**ACCURATE TECHNOLOGY CO., LTD.**

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.: STAR #2042	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/08/18/
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 8/48/58
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2474MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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**ACCURATE TECHNOLOGY CO., LTD.**

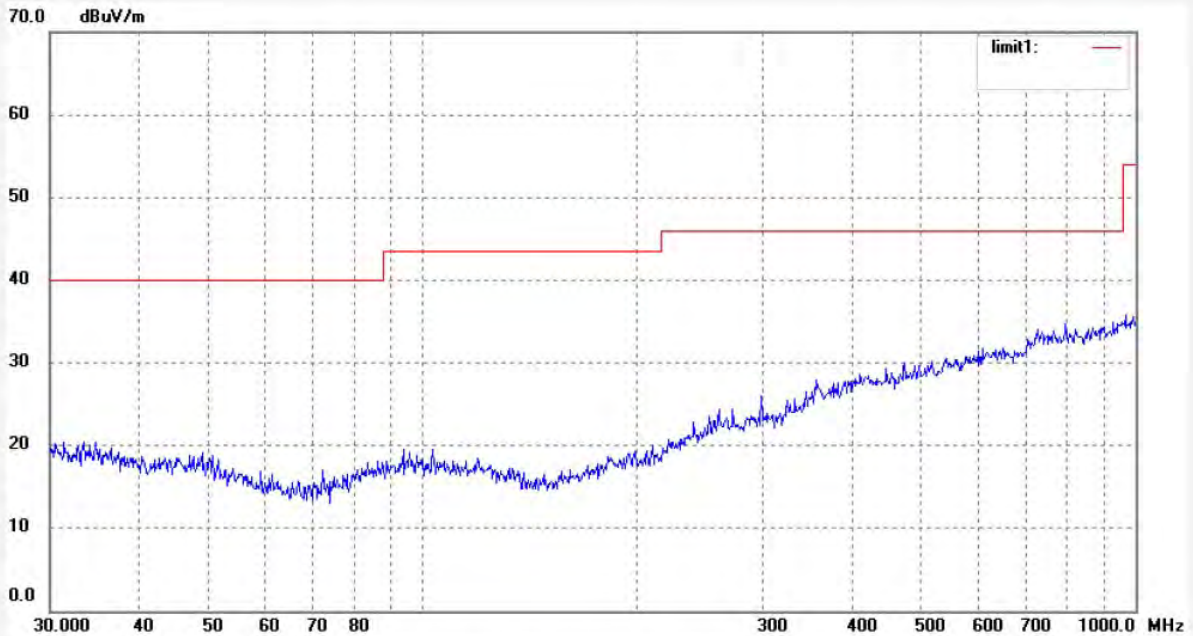
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: STAR #2041  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 24 C / 48 %  
EUT: 2.4G Wireless mouse  
Mode: TX 2474MHz  
Model: T9G  
Manufacturer: COMAT

Polarization: Vertical  
Power Source: DC 3V  
Date: 12/08/18/  
Time: 8/48/15  
Engineer Signature:  
Distance: 3m

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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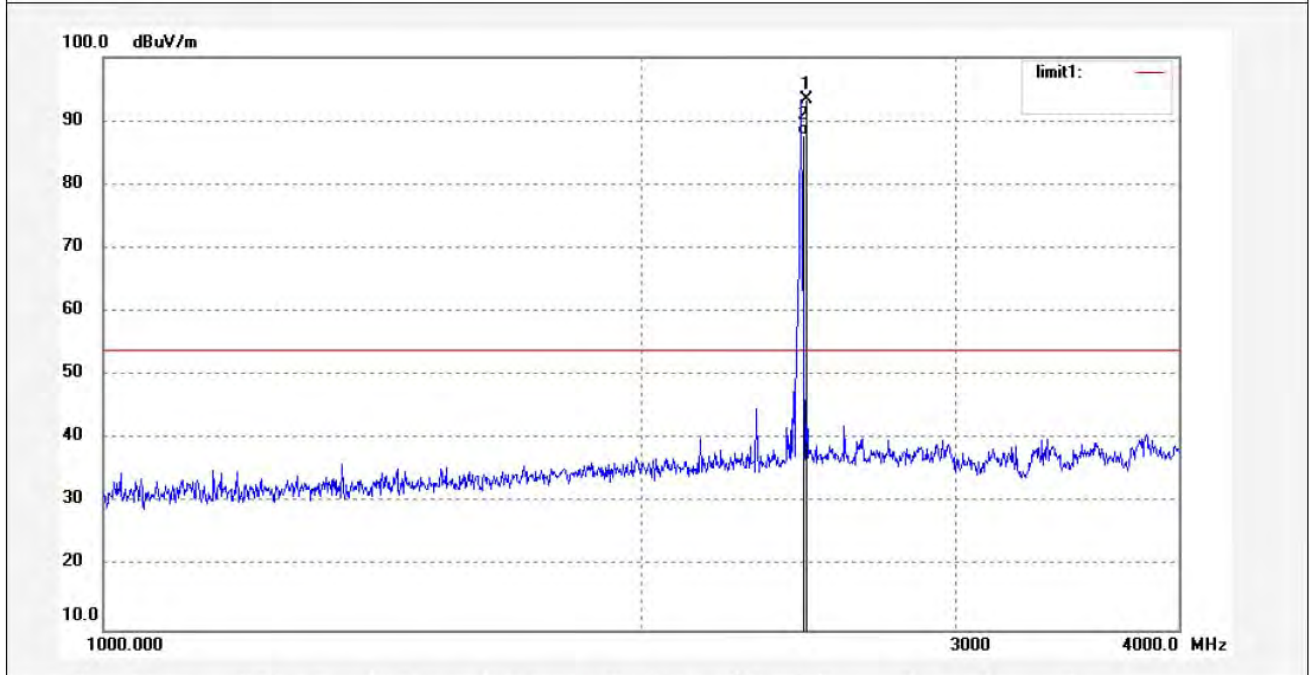
**ACCURATE TECHNOLOGY CO., LTD.**

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.: STAR #2086	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/08/20/
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 11/31/00
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2474MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2474.000	100.72	-7.37	93.35	114.0	-20.65	peak			
2	2474.000	95.04	-7.37	87.67	94.00	-6.33	AVG			



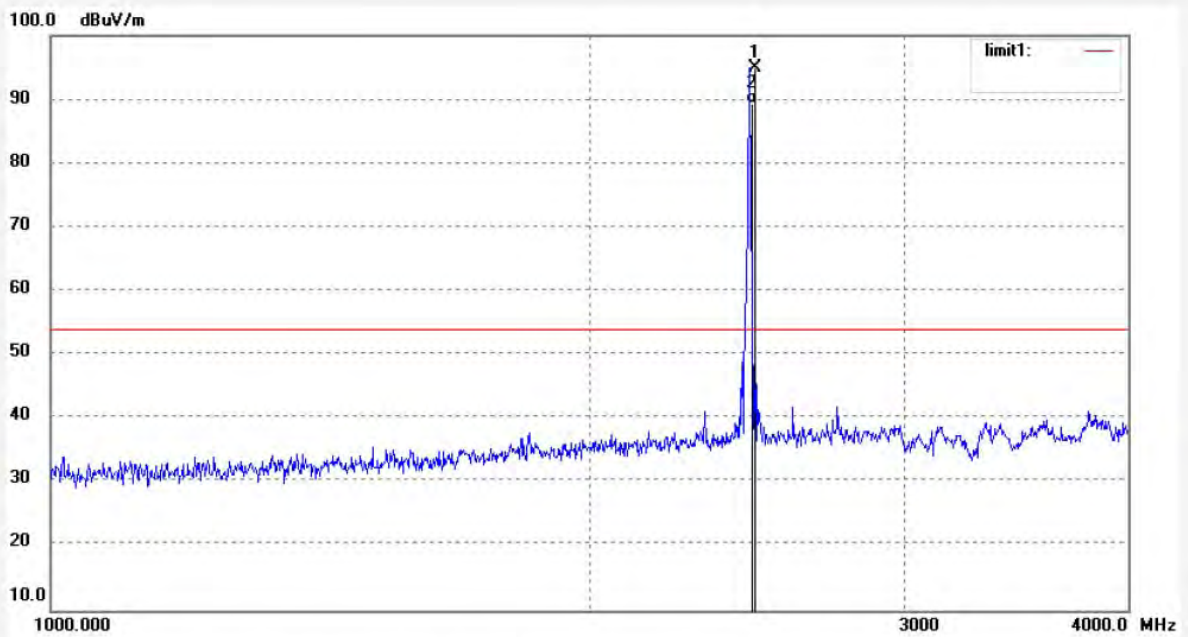
**ACCURATE TECHNOLOGY CO., LTD.**

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.: STAR #2085	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/08/20/
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 11/29/32
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2474MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2474.000	102.35	-7.37	94.98	114.00	-19.02	peak			
2	2474.000	96.75	-7.37	89.38	94.00	-4.62	AVG			



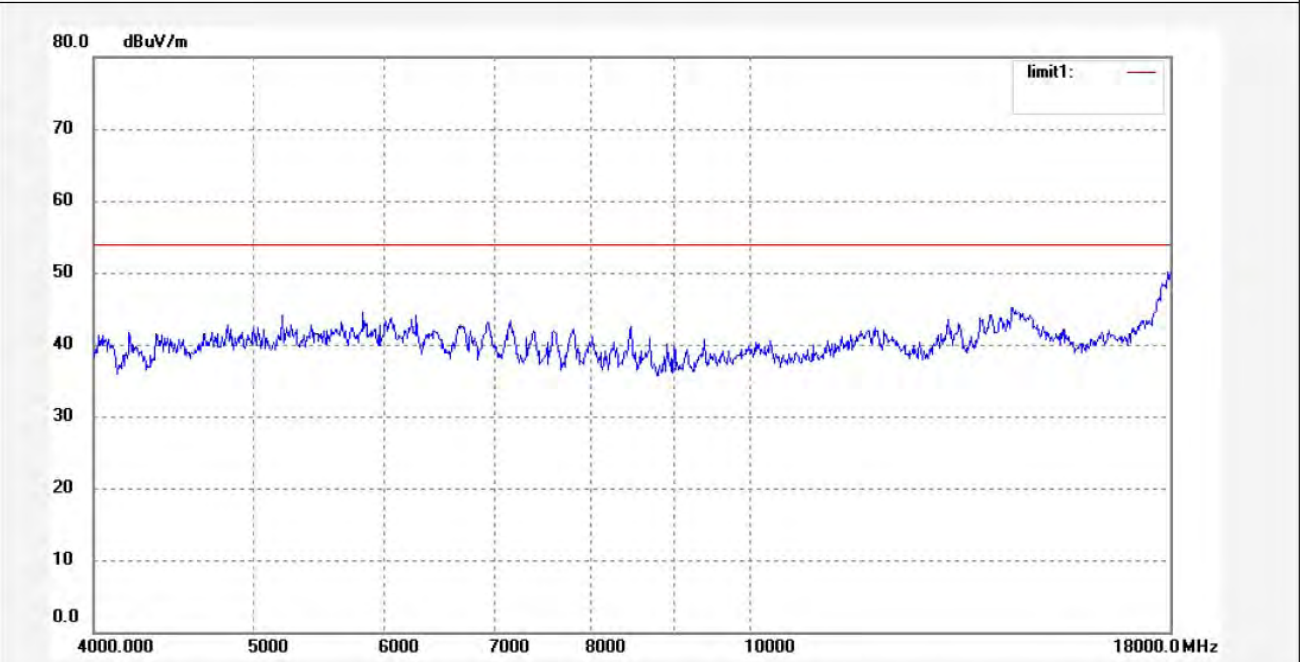
**ACCURATE TECHNOLOGY CO., LTD.**

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.: STAR #2091	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 2012/08/20
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 13:42:25
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2474MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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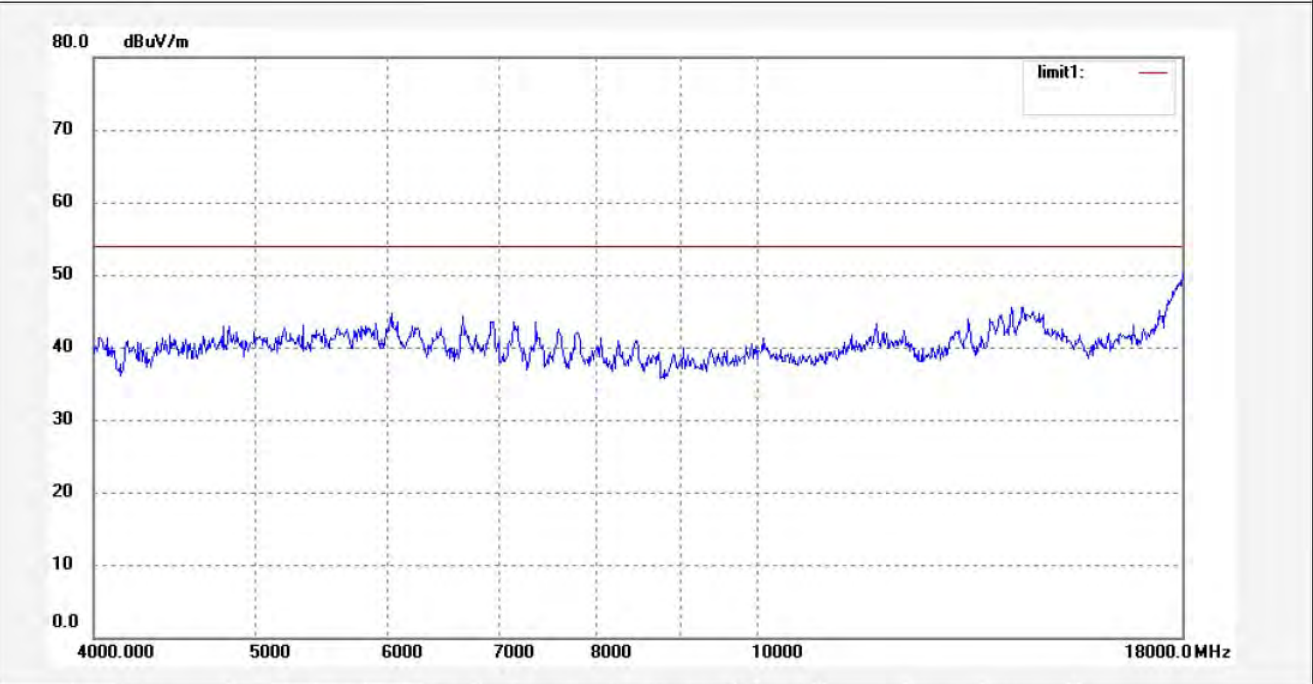
**ACCURATE TECHNOLOGY CO., LTD.**

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.: STAR #2092	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 2012/08/20
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 13:43:10
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2474MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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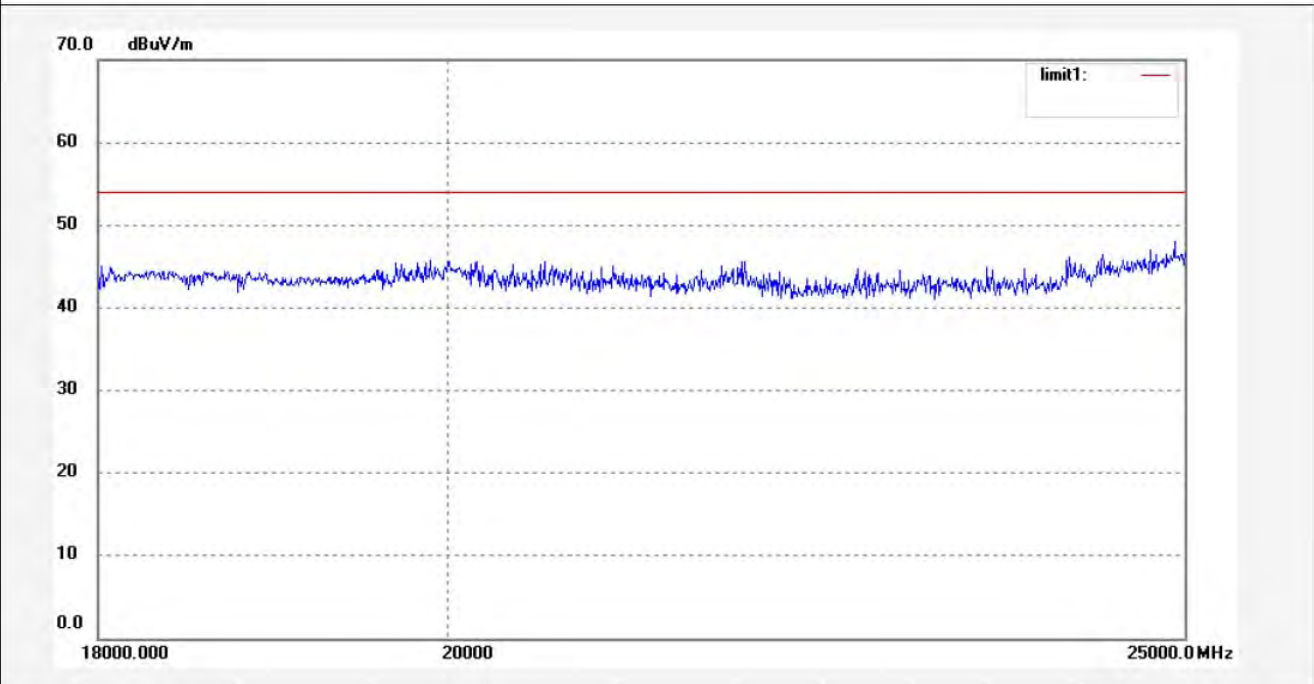
**ACCURATE TECHNOLOGY CO., LTD.**

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.: star #879	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 2012/08/21
Temp.( C)/Hum.(%) 25 C / 51 %	Time: 20:16:19
EUT: 2.4G Wireless mouse	Engineer Signature: Star
Mode: TX 2474MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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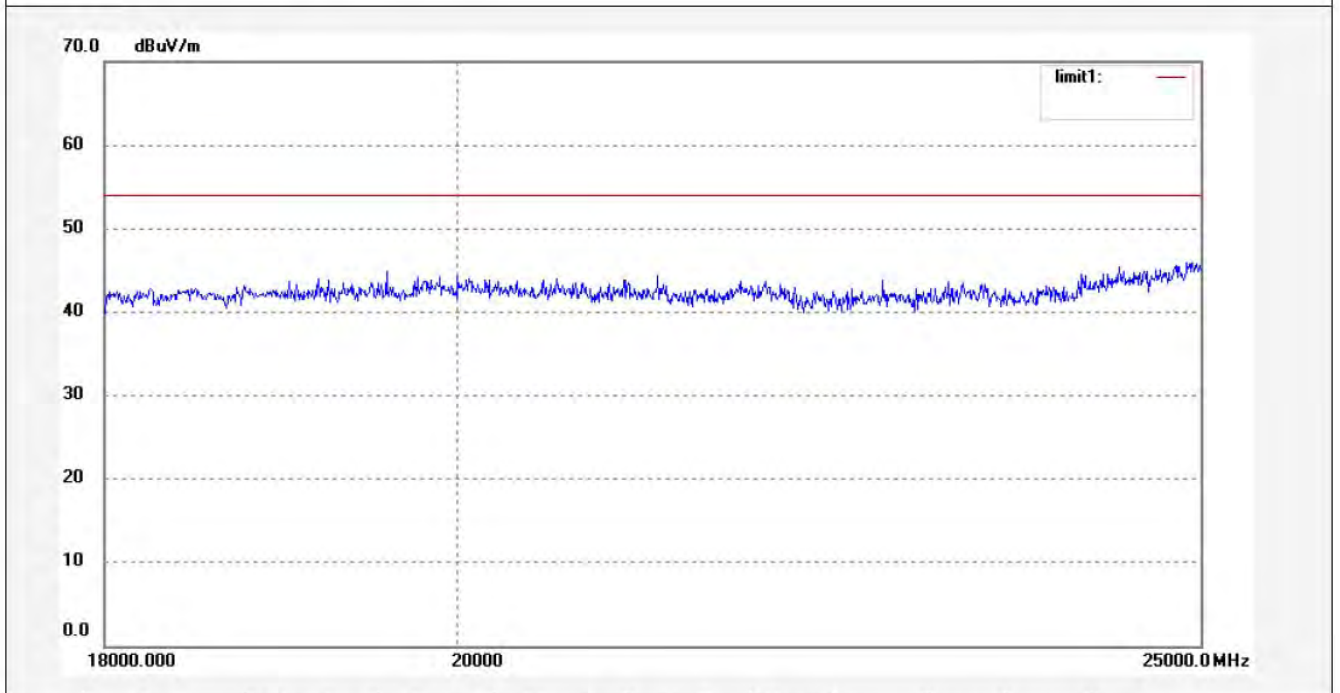
**ACCURATE TECHNOLOGY CO., LTD.**

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.: star #878	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 2012/08/21
Temp.( C)/Hum.(%) 25 C / 51 %	Time: 20:12:06
EUT: 2.4G Wireless mouse	Engineer Signature: Star
Mode: TX 2474MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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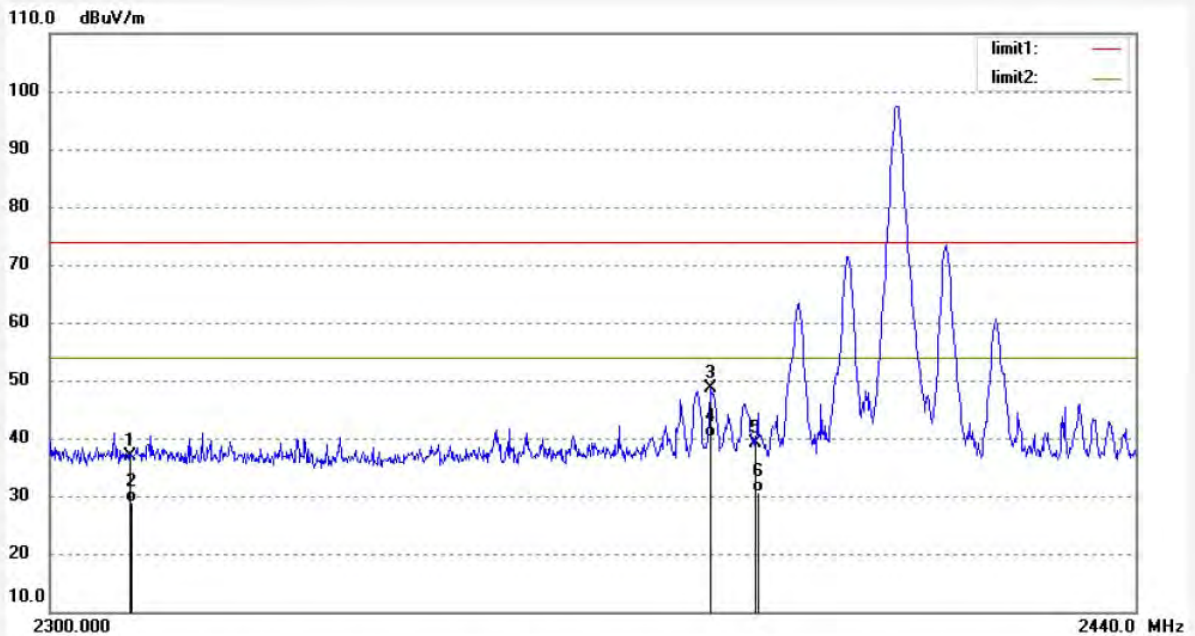
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: STAR #2095  
Standard: FCC 15C PK  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 24 C / 48 %  
EUT: 2.4G Wireless mouse  
Mode: TX 2408MHz  
Model: T9G  
Manufacturer: COMAT

Polarization: Horizontal  
Power Source: DC 3V  
Date: 2012/08/20  
Time: 13:50:02  
Engineer Signature:  
Distance: 3m

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	44.75	-7.81	36.94	74.00	-37.06	peak			
2	2310.000	36.58	-7.81	28.77	54.00	-25.23	AVG			
3	2384.163	56.20	-7.56	48.64	74.00	-25.36	peak			
4	2384.163	47.68	-7.56	40.12	54.00	-13.88	AVG			
5	2390.000	46.60	-7.53	39.07	74.00	-34.93	peak			
6	2390.000	38.17	-7.53	30.64	54.00	-23.36	AVG			



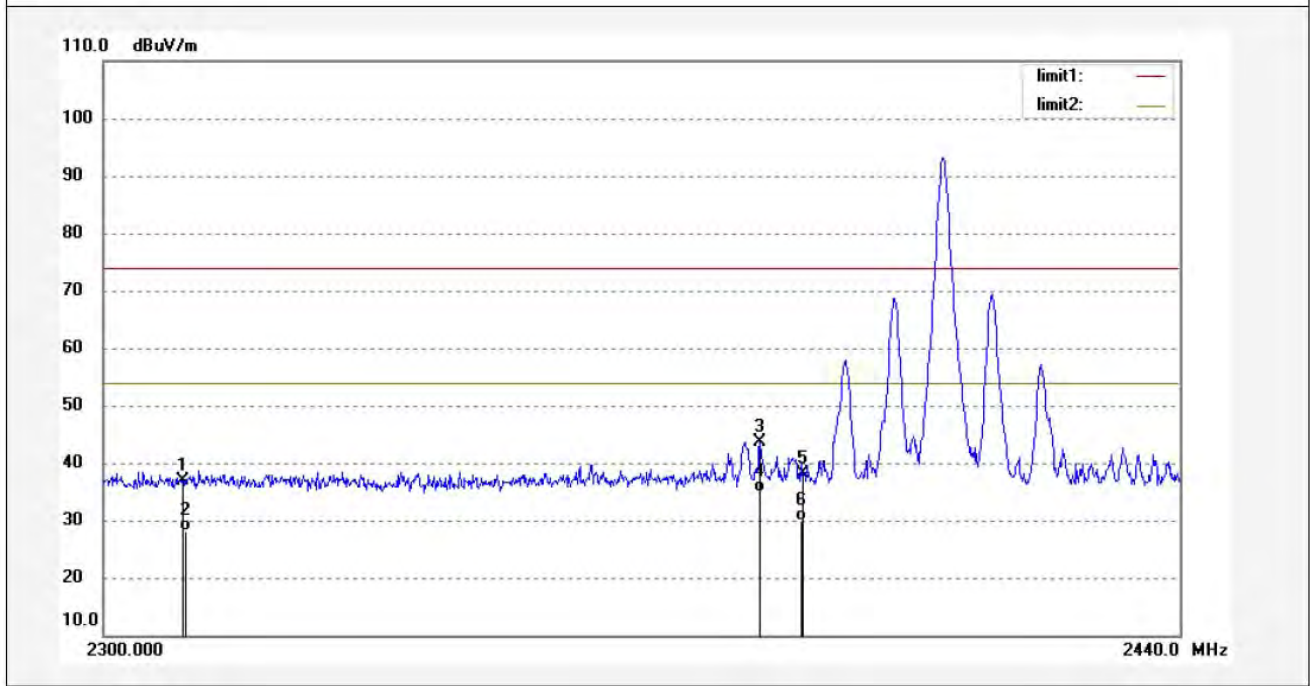
**ACCURATE TECHNOLOGY CO., LTD.**

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.: STAR #2096	Polarization: Vertical
Standard: FCC 15C PK	Power Source: DC 3V
Test item: Radiation Test	Date: 2012/08/20
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 13:52:08
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2408MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	44.64	-7.81	36.83	74.00	-37.17	peak			
2	2310.000	36.04	-7.81	28.23	54.00	-25.77	AVG			
3	2384.445	51.16	-7.56	43.60	74.00	-30.40	peak			
4	2384.445	42.55	-7.56	34.99	54.00	-19.01	AVG			
5	2390.000	45.64	-7.53	38.11	74.00	-35.89	peak			
6	2390.000	37.48	-7.53	29.95	54.00	-24.05	AVG			



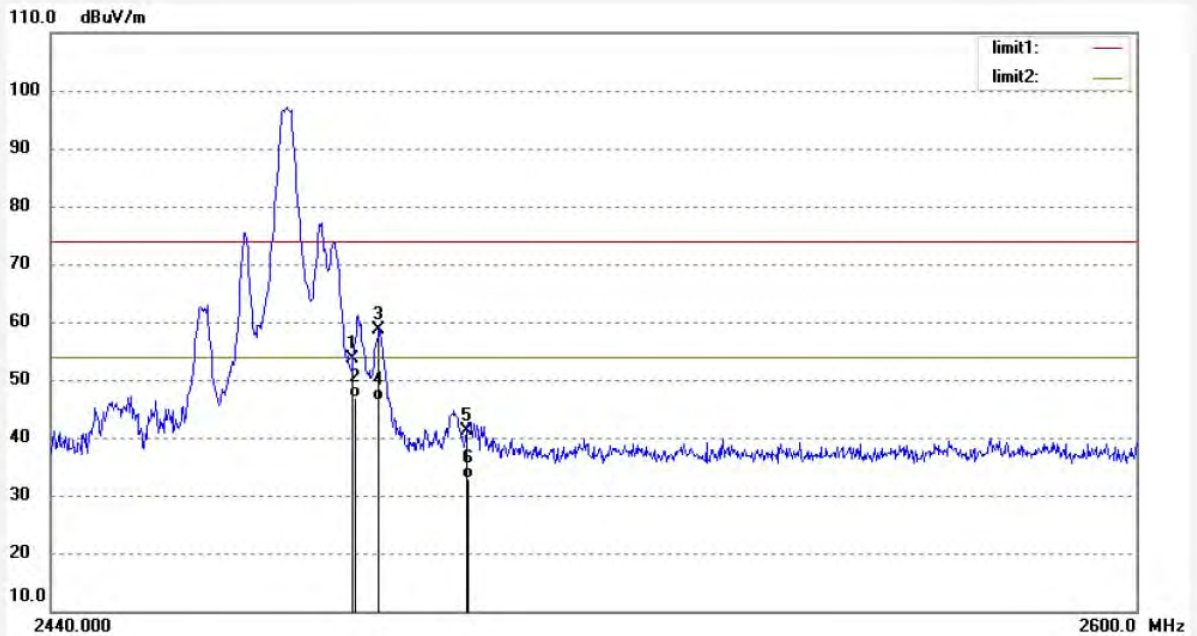
**ACCURATE TECHNOLOGY CO., LTD.**

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.: STAR #2094	Polarization: Horizontal
Standard: FCC 15C PK	Power Source: DC 3V
Test item: Radiation Test	Date: 2012/08/20
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 13:47:38
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2474MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	61.00	-7.37	53.63	74.00	-20.37	peak			
2	2483.500	54.28	-7.37	46.91	54.00	-7.09	AVG			
3	2487.349	65.91	-7.38	58.53	74.00	-15.47	peak			
4	2487.349	53.88	-7.38	46.50	54.00	-7.50	AVG			
5	2500.000	48.44	-7.40	41.04	74.00	-32.96	peak			
6	2500.000	40.25	-7.40	32.85	54.00	-21.15	AVG			



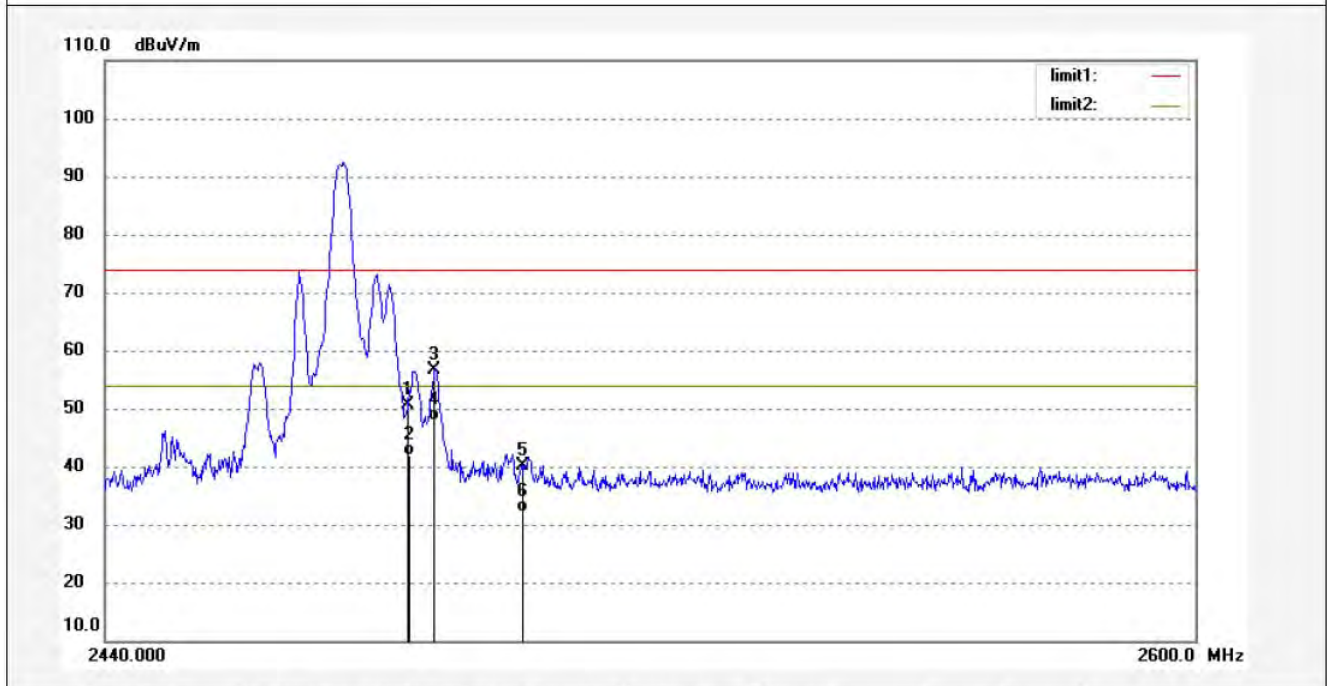
**ACCURATE TECHNOLOGY CO., LTD.**

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.: STAR #2093	Polarization: Vertical
Standard: FCC 15C PK	Power Source: DC 3V
Test item: Radiation Test	Date: 2012/08/20
Temp.( C)/Hum.(%) 24 C / 48 %	Time: 13:46:01
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2474MHz	Distance: 3m
Model: T9G	
Manufacturer: COMAT	

Note: Report No.:ATE20121912



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	57.92	-7.37	50.55	74.00	-23.45	peak			
2	2483.500	49.28	-7.37	41.91	54.00	-12.09	AVG			
3	2487.349	64.08	-7.38	56.70	74.00	-17.30	peak			
4	2487.349	55.18	-7.38	47.80	54.00	-6.20	AVG			
5	2500.000	47.64	-7.40	40.24	74.00	-33.76	peak			
6	2500.000	39.47	-7.40	32.07	54.00	-21.93	AVG			