

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

2.4G Wireless Mouse
Model No.: A5

FCC ID: RTX-A5

Prepared for : Comat Electronic (Shenzhen) Co., Ltd.
Address : No.2 Lane 1, Xin'an 3rd 28 District, Baoan, Shenzhen,
China

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Report Number : ATE20122415
Date of Test : October 22-31, 2012
Date of Report : November 2, 2012

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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.: A5
(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 : October 22-31, 2012

Prepared by :

Apple Lv

(Engineer)

Approved & Authorized Signer :

Heim

(Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT	:	2.4G Wireless Mouse
Model Number	:	A5
Trade Name	:	COMAT
Power Supply	:	3V DC (“AAA” batteries 2×)
Operate Frequency	:	2425.000-2475.000MHz
Applicant	:	Comat Electronic (Shenzhen) Co., Ltd.
Address	:	No.2 Lane 1, Xin’an 3 rd 28 District, Baoan, Shenzhen, China
Manufacturer	:	Comat Electronic (Shenzhen) Co., Ltd.
Address	:	No.2 Lane 1, Xin’an 3 rd 28 District, Baoan, Shenzhen, China
Date of sample received	:	October 22, 2012
Date of Test	:	October 22-31, 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 = 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 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

FCC Rules	Description of Test	Result
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)

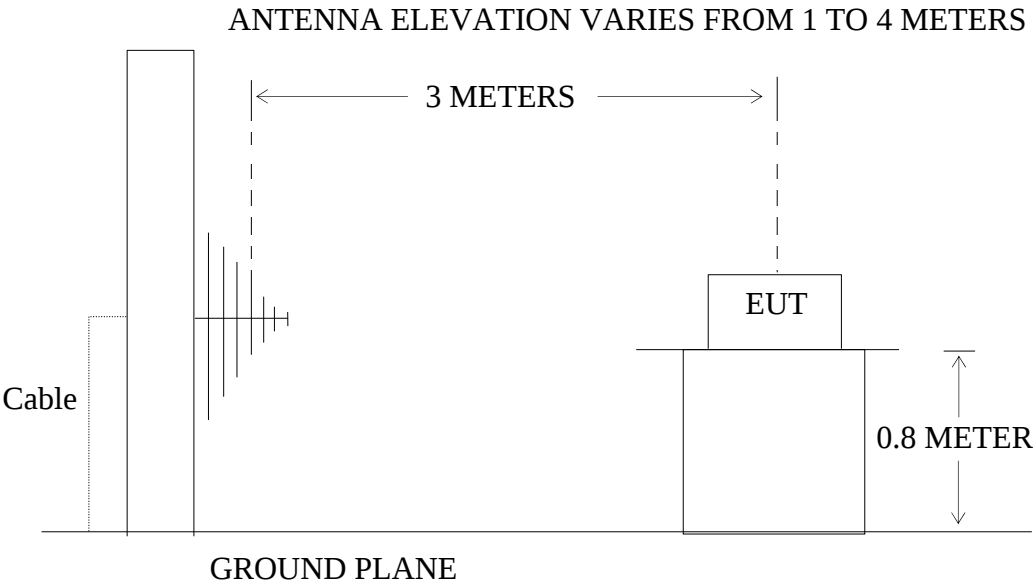
4.1. Block Diagram of Test Setup

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 dBμV/m and the harmonics shall not exceed 54 dBμV/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 : A5
 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 2425.000 - 2475.000 MHz. We are select 2425.000MHz, 2450.000MHz, 2475.000MHz 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:	October 27, 2012	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	A5	Power Supply:	DC 3V
Test Mode:	TX 2425.000MHz	Test Engineer:	Pei

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	
2425.000	88.02	92.89	-7.40	80.62	85.19	94	114	-13.38	-28.81	Vertical
2425.000	92.02	95.38	-7.40	84.62	87.97	94	114	-9.38	-26.03	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:	October 27, 2012	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	A5	Power Supply:	DC 3V
Test Mode:	TX 2450.000MHz	Test Engineer:	Pei

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	
2450.000	91.02	95.18	-7.33	83.69	87.85	94	114	-10.31	-26.15	Vertical
2450.000	87.36	91.18	-7.33	80.03	83.85	94	114	-13.97	-30.15	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:	October 27, 2012	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	A5	Power Supply:	DC 3V
Test Mode:	TX 2475.000MHz	Test Engineer:	Pei

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	
2475.000	87.25	91.85	-7.37	79.88	84.48	94	114	-14.12	-29.52	Vertical
2475.000	89.39	93.79	-7.37	82.02	86.42	94	114	-11.98	-27.58	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)

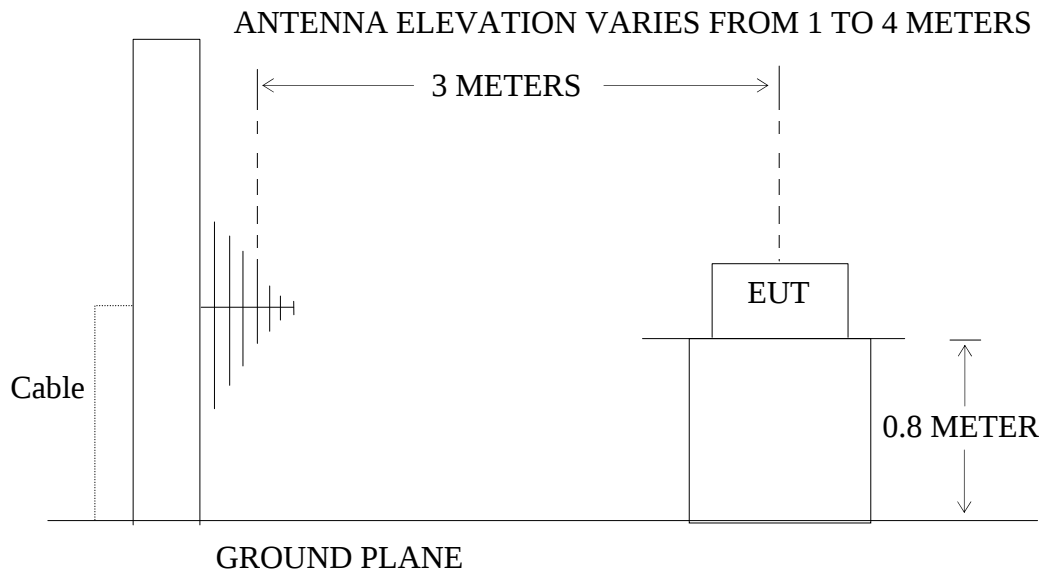
5.1. Block Diagram of Test Setup

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 : A5
 Serial Number : N/A
 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 2425.000 - 2475.000 MHz. We are select 2425.000MHz, 2450.000MHz, 2475.000MHz

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:	October 27, 2012	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	A5	Power Supply:	DC 3V
Test Mode:	TX 2425.000MHz	Test Engineer:	Pei

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-25GHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/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:	October 27, 2012	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	A5	Power Supply:	DC 3V
Test Mode:	TX 2450.000MHz	Test Engineer:	Pei

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:

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:	October 27, 2012	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	A5	Power Supply:	DC 3V
Test Mode:	TX 2475.000MHz	Test Engineer:	Pei

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:

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.

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 : A5
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 2425.000-2475.000MHz MHz. We are select 2425.000MHz, 2470.000MHz 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:	October 27, 2012	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	A5	Power Supply:	DC 3V
Test Mode:	TX 2425.000MHz	Test Engineer:	Pei

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	38.25	44.17	-7.81	30.44	36.36	54.00	74.00	-23.56	-37.64	Vertical
2380.213	44.25	50.69	-7.59	36.66	43.10	54.00	74.00	-17.34	-30.90	Vertical
2390.000	42.37	49.38	-7.53	34.84	41.85	54.00	74.00	-19.16	-32.15	Vertical
2310.000	38.25	43.01	-7.81	30.44	35.20	54.00	74.00	-23.56	-38.80	Horizontal
2385.433	42.20	51.95	-7.56	34.64	44.39	54.00	74.00	-19.36	-29.61	Horizontal
2390.000	37.25	43.99	-7.53	29.72	36.46	54.00	74.00	-24.28	-37.54	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:	October 27, 2012	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	A5	Power Supply:	DC 3.0V
Test Mode:	TX 2475.000MHz	Test Engineer:	Pei

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	48.36	54.63	-7.37	40.99	47.26	54.00	74.00	-13.01	-26.74	Vertical
2494.641	48.39	54.64	-7.39	41.00	47.25	54.00	74.00	-13.00	-26.75	Vertical
2500.000	40.36	48.78	-7.40	32.96	41.38	54.00	74.00	-21.04	-32.62	Vertical
2483.500	47.25	52.41	-7.37	39.88	45.04	54.00	74.00	-14.12	-28.96	Horizontal
2489.566	50.25	60.22	-7.39	42.86	52.83	54.00	74.00	-11.14	-21.17	Horizontal
2500.000	37.02	45.23	-7.40	29.62	37.83	54.00	74.00	-24.38	-36.17	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:

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

Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain
3. The spectral diagrams in appendix I display the measurement of peak values.

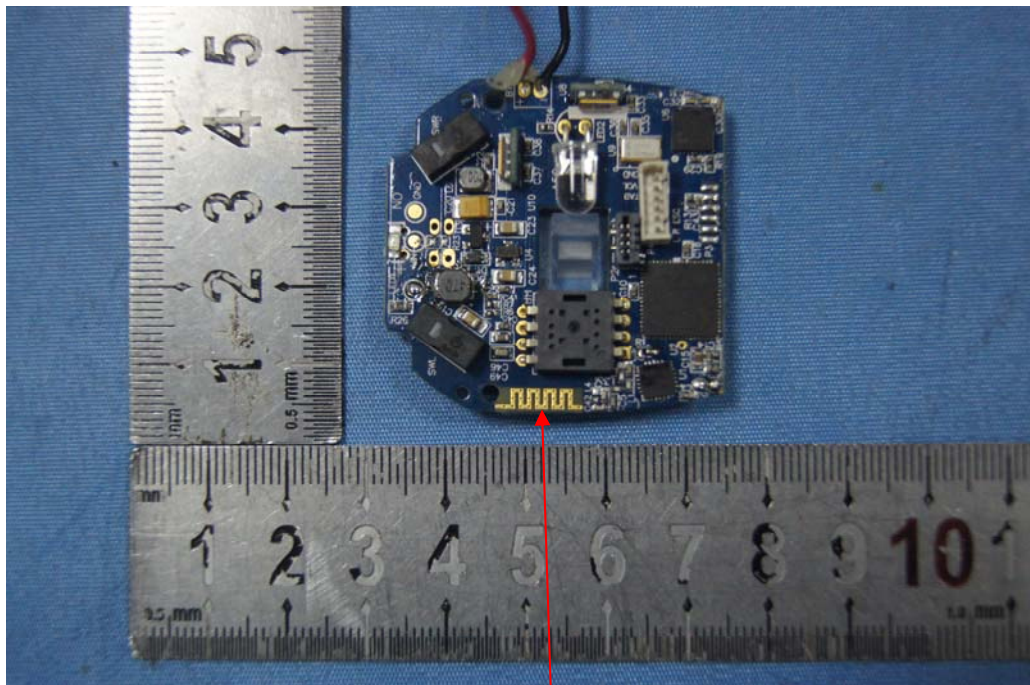
7. ANTENNA REQUIREMENT

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 #2955

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2425MHz

Model: A5

Manufacturer: COMAT

Polarization: Horizontal

Power Source: DC 3V

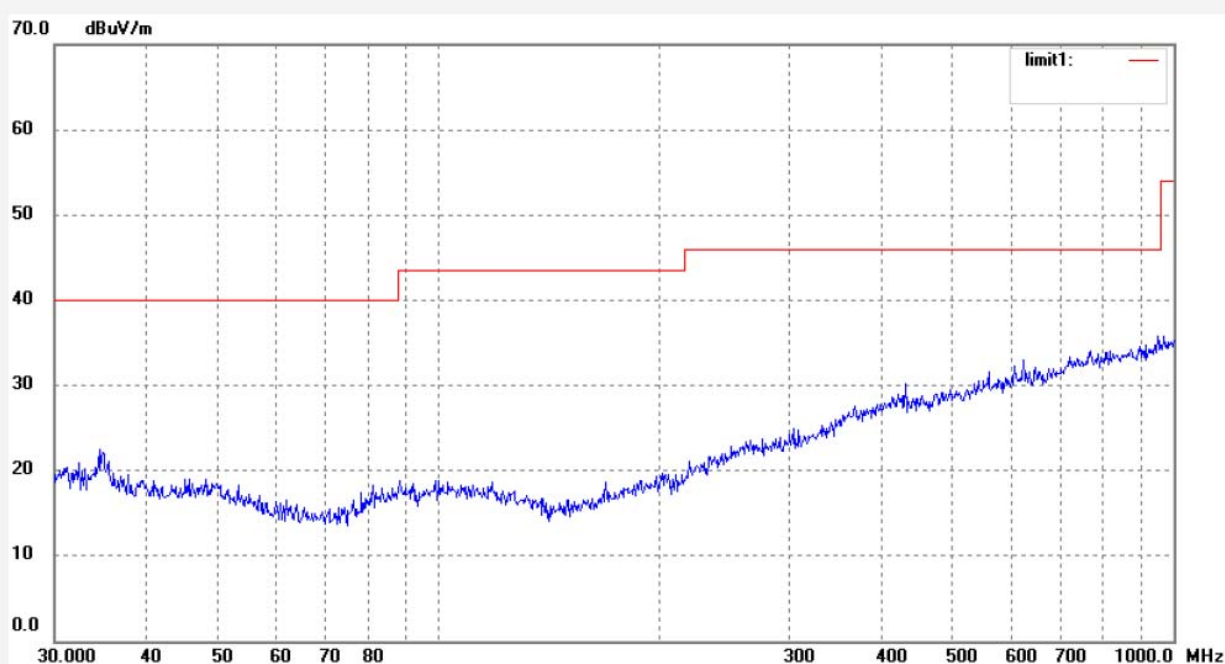
Date: 12/10/27/

Time: 1/15/23

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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 #2956

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2425MHz

Model: A5

Manufacturer: COMAT

Polarization: Vertical

Power Source: DC 3V

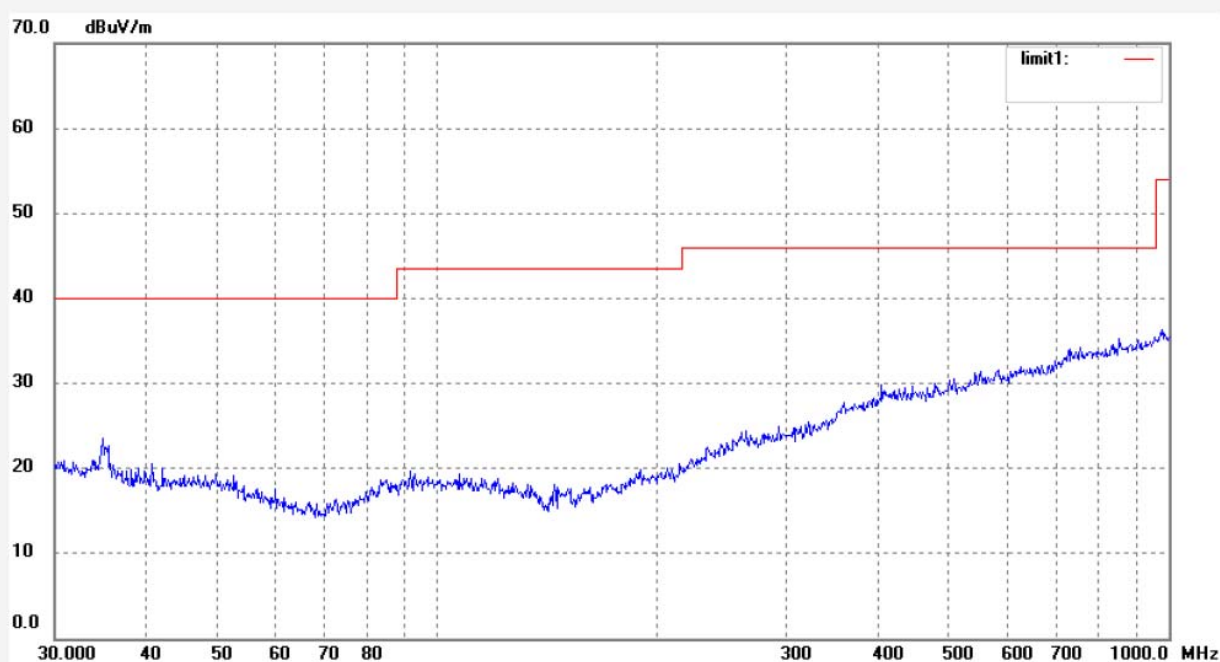
Date: 12/10/27/

Time: 1/19/52

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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 #2964

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2425MHz

Model: A5

Manufacturer: COMAT

Polarization: Horizontal

Power Source: DC 3V

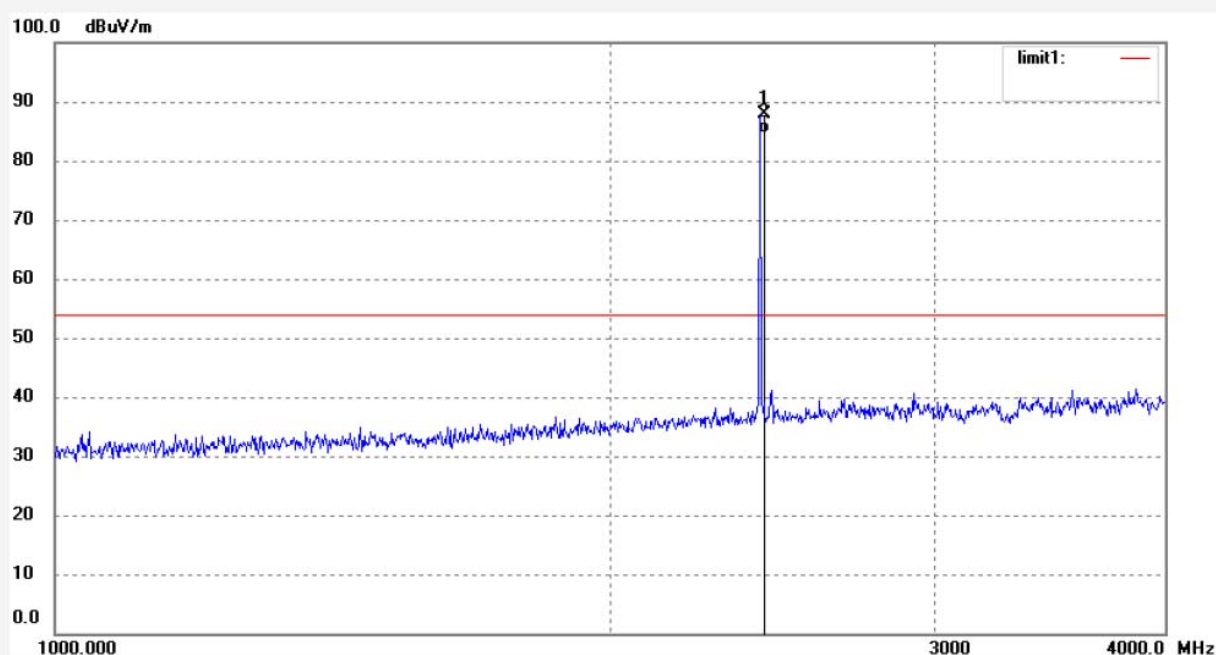
Date: 12/10/27/

Time: 1/45/35

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2425.000	95.38	-7.40	87.98	114.00	-26.02	peak			
2	2425.000	92.02	-7.40	84.62	94.00	-9.38	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 #2963

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2425MHz

Model: A5

Manufacturer: COMAT

Polarization: Vertical

Power Source: DC 3V

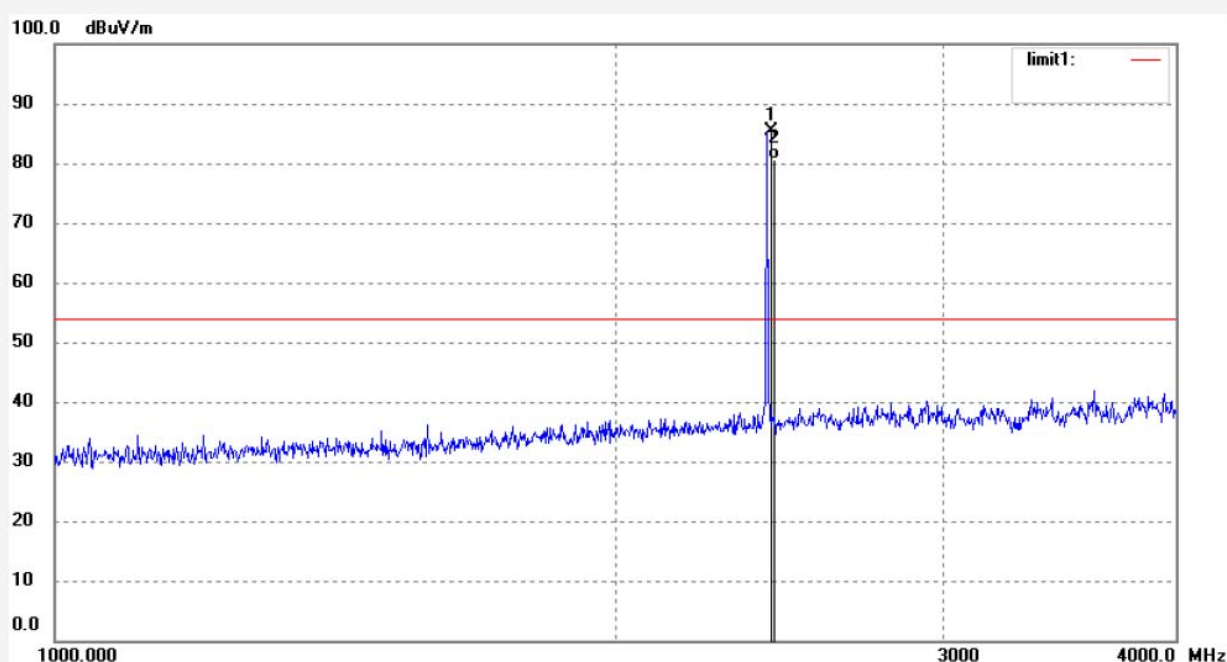
Date: 12/10/27/

Time: 1/42/01

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2425.000	92.89	-7.40	85.49	114.00	-28.51	peak			
2	2425.000	88.02	-7.40	80.62	94.00	-13.38	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 #2972

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2425MHz

Model: A5

Manufacturer: COMAT

Polarization: Horizontal

Power Source: DC 3V

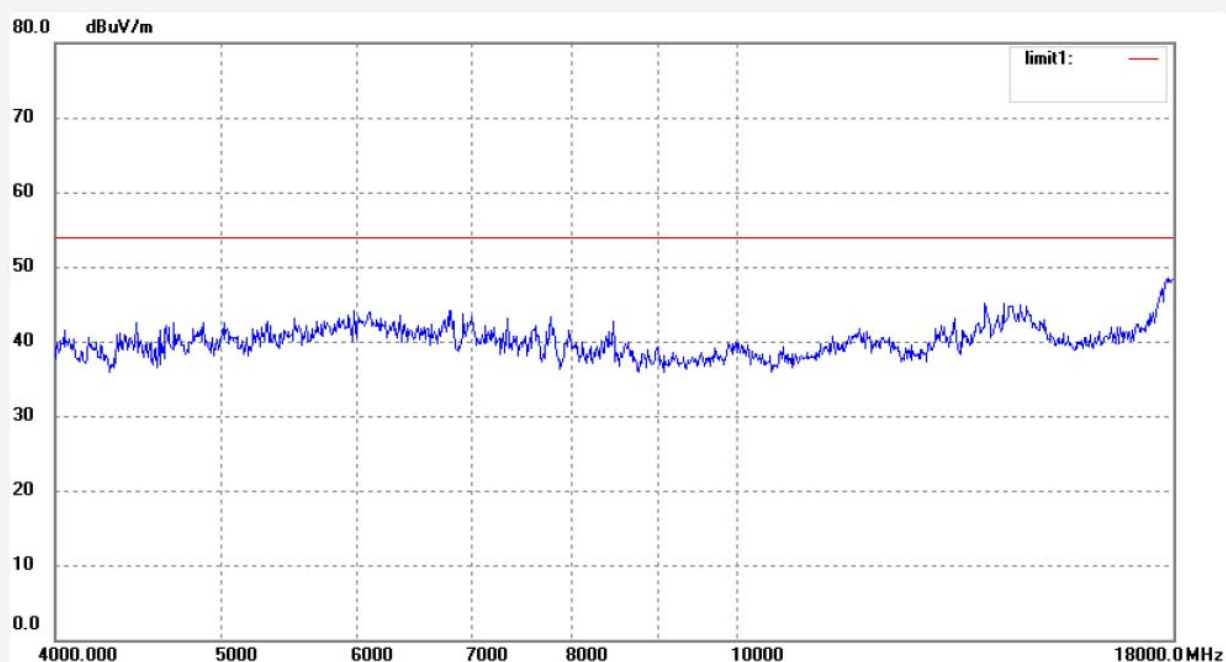
Date: 12/10/27/

Time: 2/15/24

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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

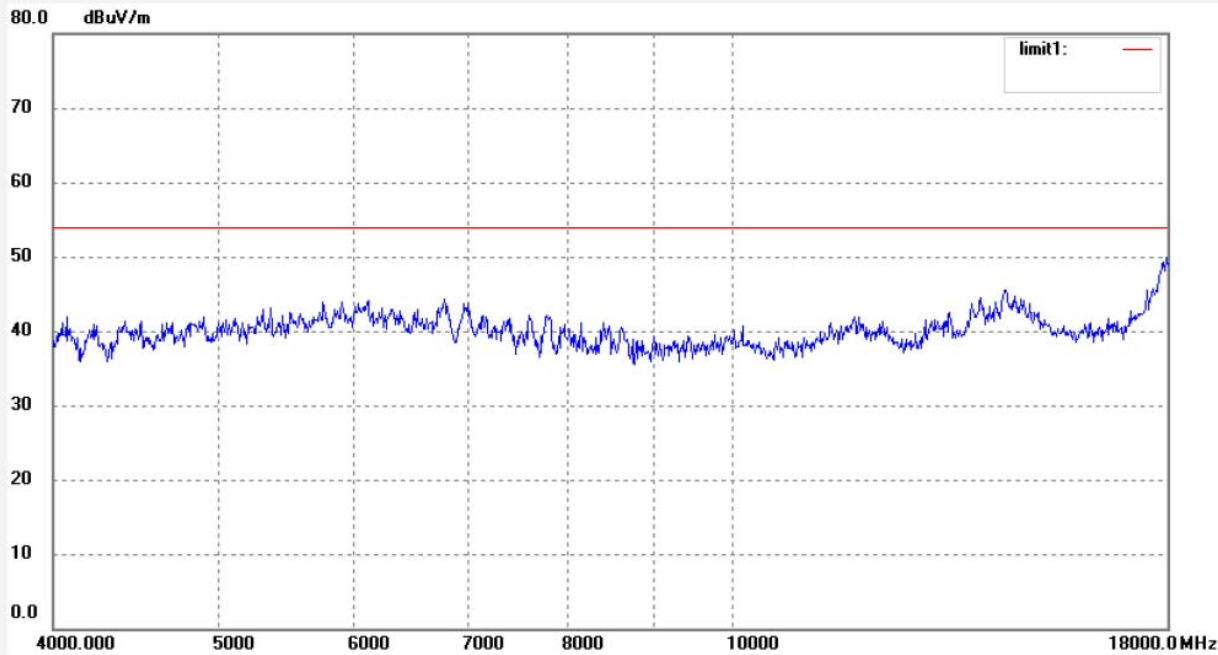
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2971
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: 2.4G Wireless mouse
Mode: TX 2425MHz
Model: A5
Manufacturer: COMAT

Polarization: Vertical
Power Source: DC 3V
Date: 12/10/27/
Time: 2/11/58
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20122415



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 #2973

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2425MHz

Model: A5

Manufacturer: COMAT

Polarization: Horizontal

Power Source: DC 3V

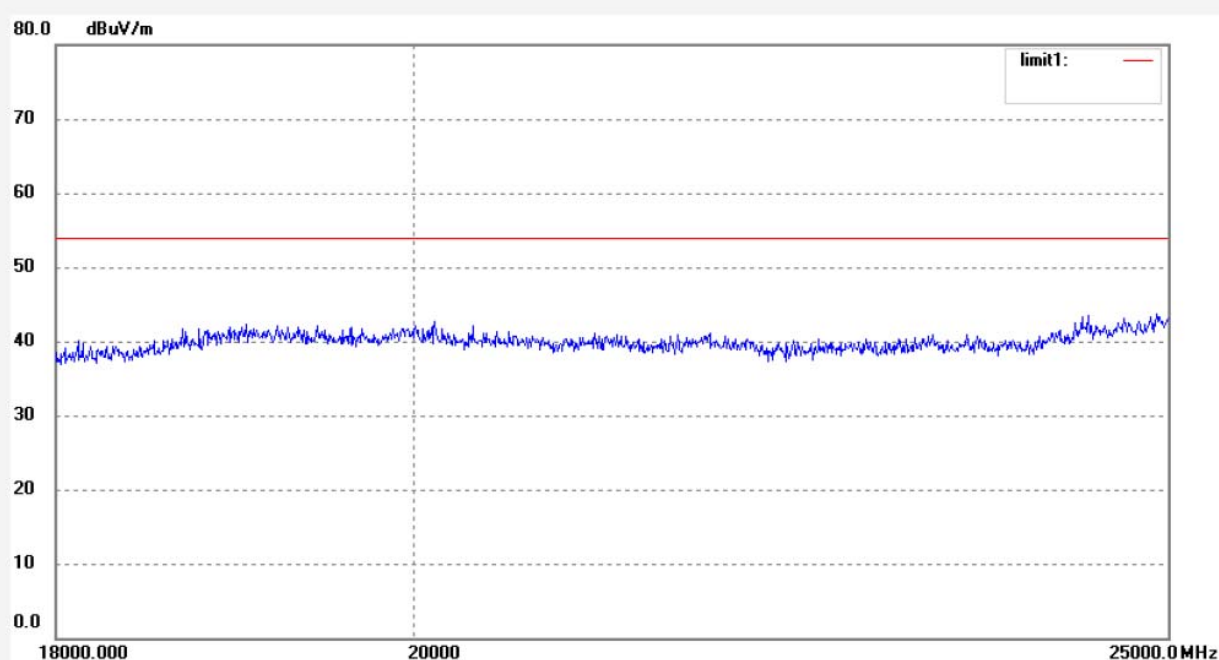
Date: 12/10/27/

Time: 2/18/14

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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 #2974

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2425MHz

Model: A5

Manufacturer: COMAT

Polarization: Vertical

Power Source: DC 3V

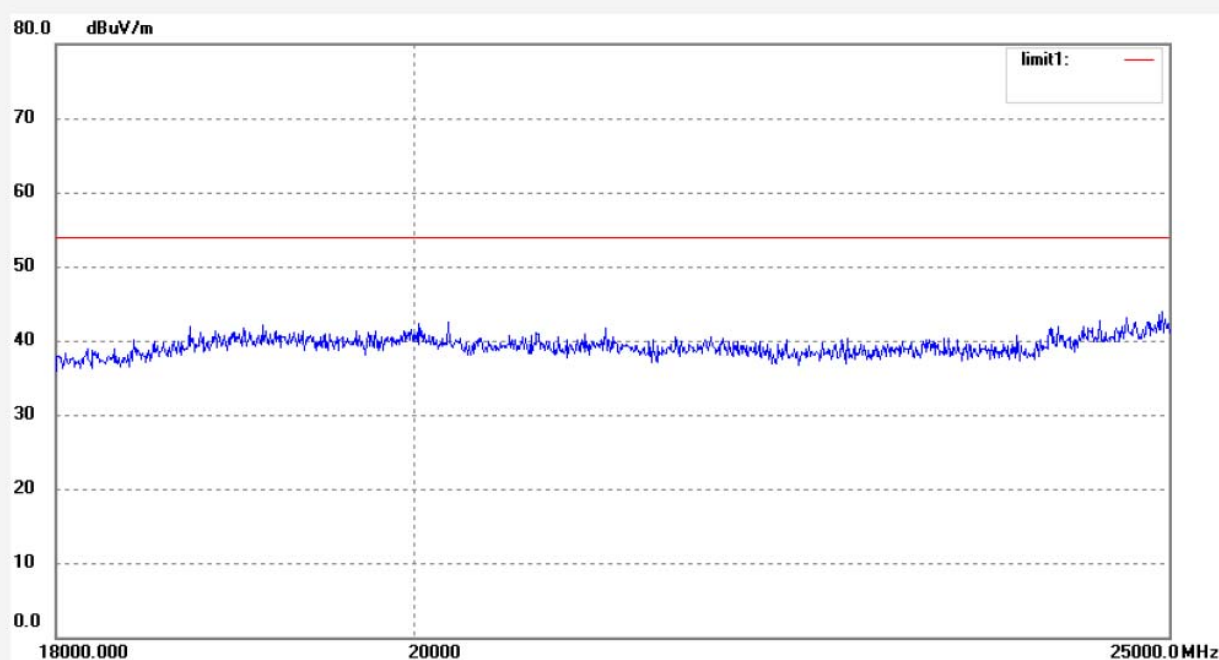
Date: 12/10/27/

Time: 2/22/23

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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 #2958

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2450MHz

Model: A5

Manufacturer: COMAT

Polarization: Horizontal

Power Source: DC 3V

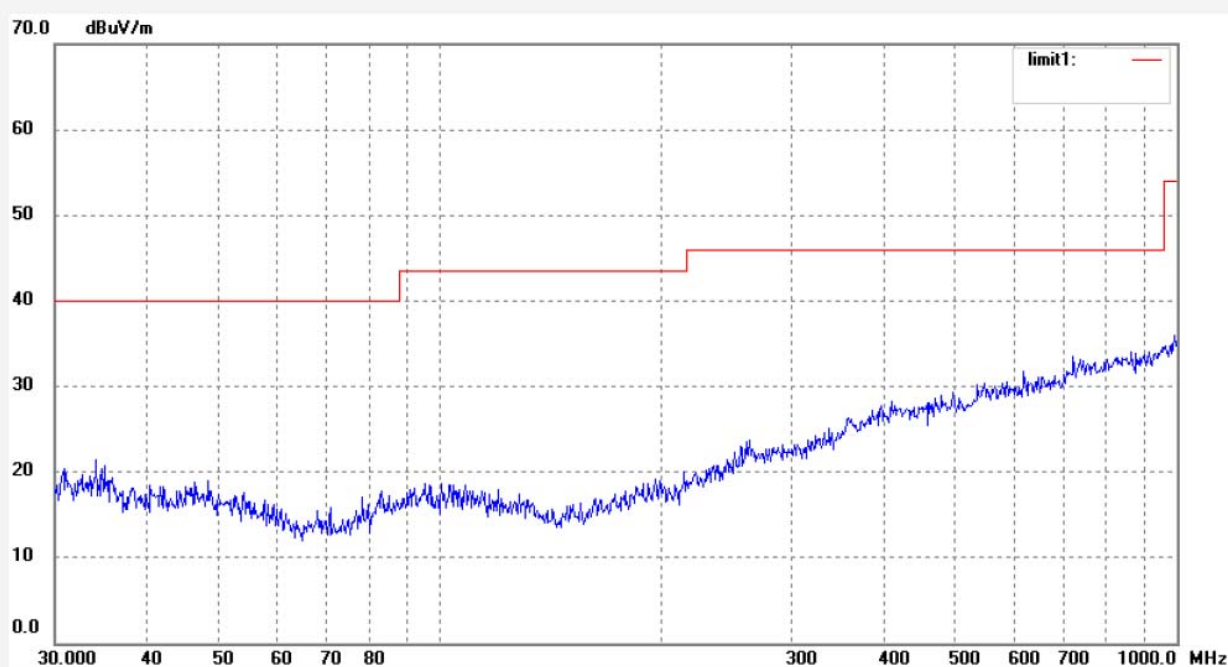
Date: 12/10/27/

Time: 1/25/07

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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 #2957

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2450MHz

Model: A5

Manufacturer: COMAT

Polarization: Vertical

Power Source: DC 3V

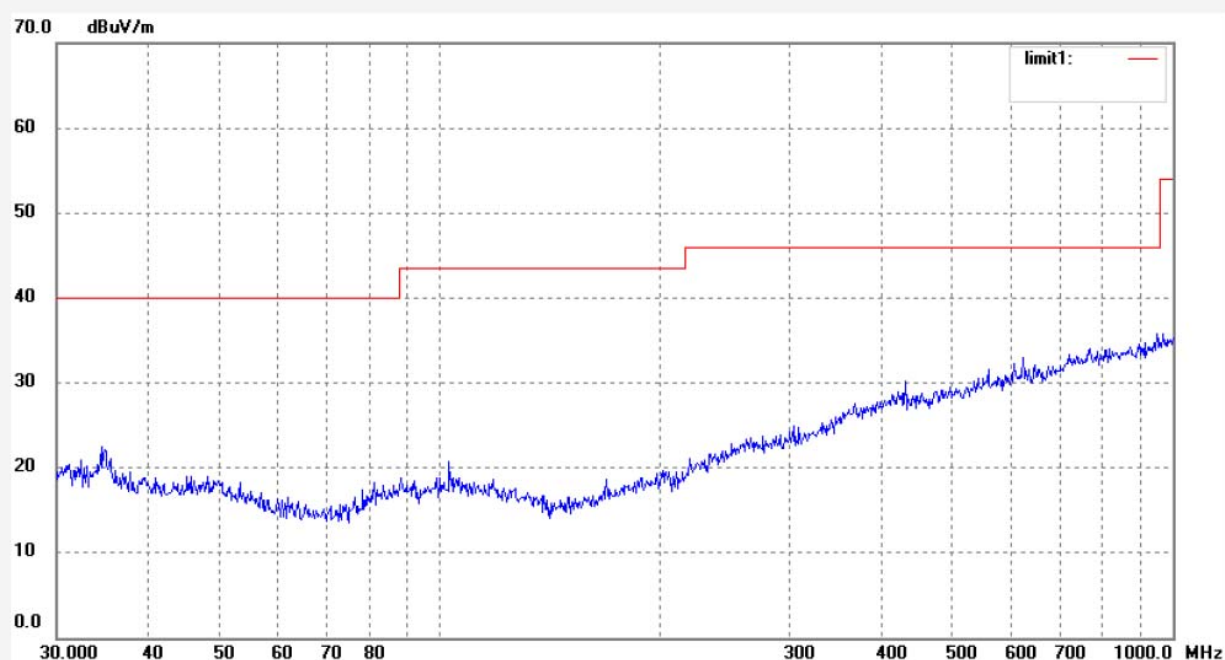
Date: 12/10/27/

Time: 1/23/23

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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 #2966

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2450MHz

Model: A5

Manufacturer: COMAT

Polarization: Horizontal

Power Source: DC 3V

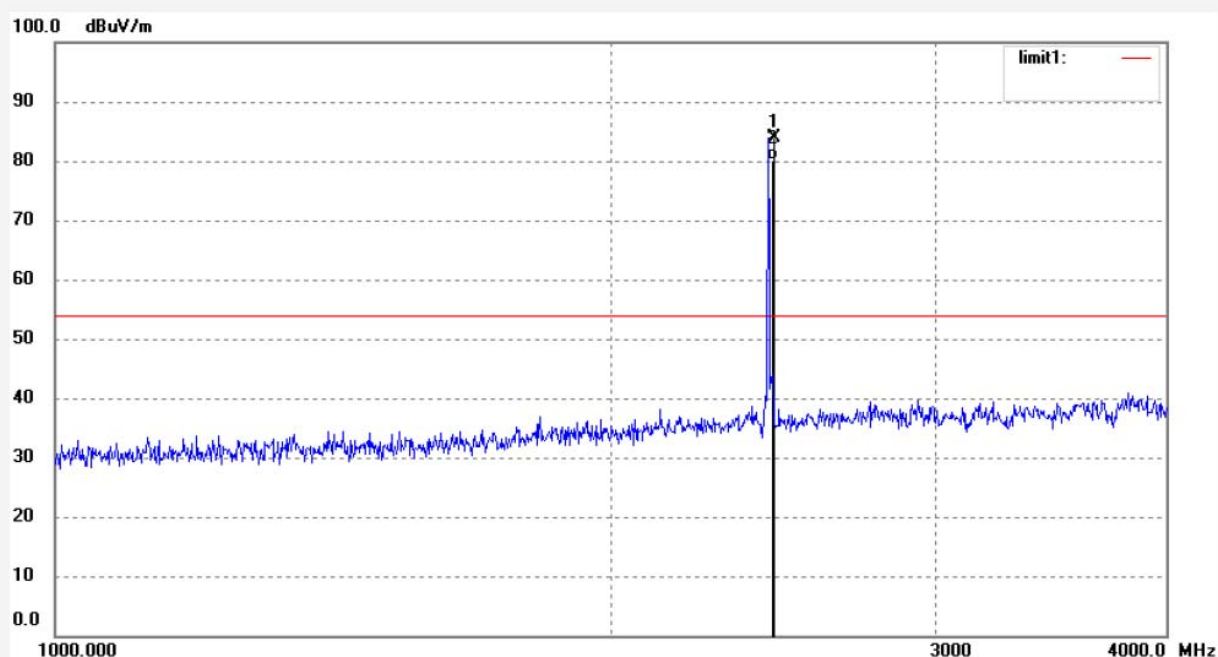
Date: 12/10/27/

Time: 1/52/26

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2450.000	91.18	-7.33	83.85	54.00	29.85	peak			
2	2450.000	87.36	-7.33	80.03	54.00	26.03	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 #2965

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2450MHz

Model: A5

Manufacturer: COMAT

Polarization: Vertical

Power Source: DC 3V

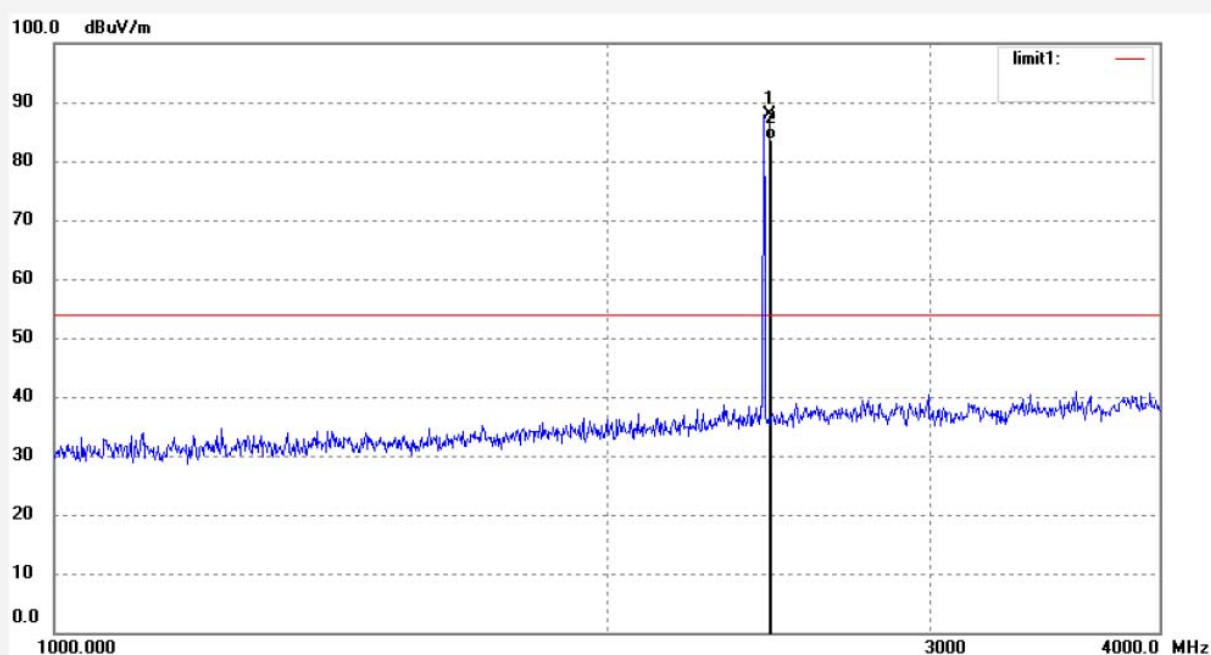
Date: 12/10/27/

Time: 1/49/08

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2450.000	95.18	-7.33	87.85	114.00	-26.15	peak			
2	2450.000	91.02	-7.33	83.69	94.00	-10.31	AVG			

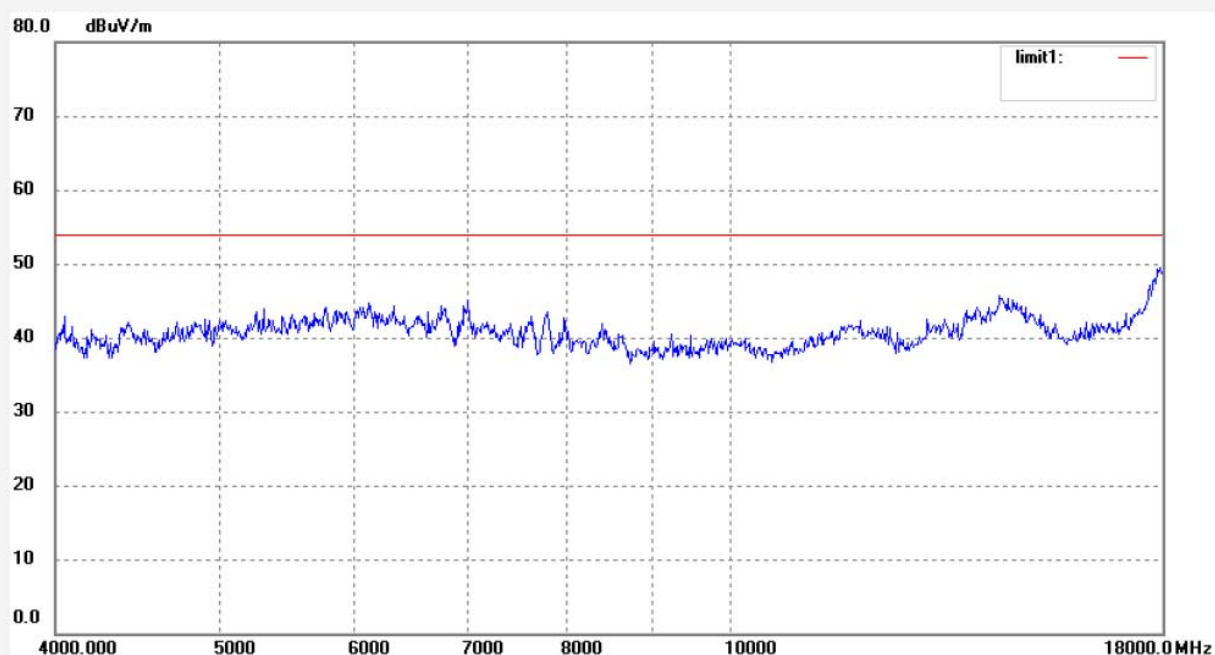

ACCURATE TECHNOLOGY CO., LTD.

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 #2968	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/10/27/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 1/58/32
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2450MHz	Distance: 3m
Model: A5	
Manufacturer: COMAT	

Note: Report No.:ATE20122415



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 #2967

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2450MHz

Model: A5

Manufacturer: COMAT

Polarization: Vertical

Power Source: DC 3V

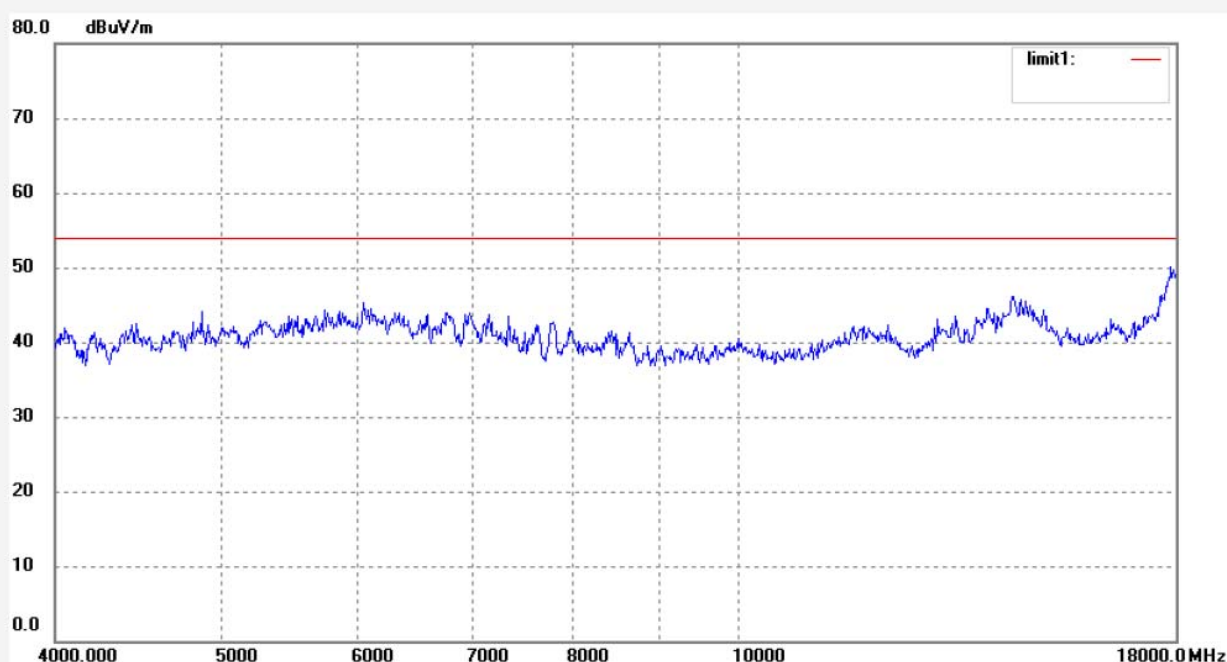
Date: 12/10/27/

Time: 1/56/10

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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 #2976

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2450MHz

Model: A5

Manufacturer: COMAT

Polarization: Horizontal

Power Source: DC 3V

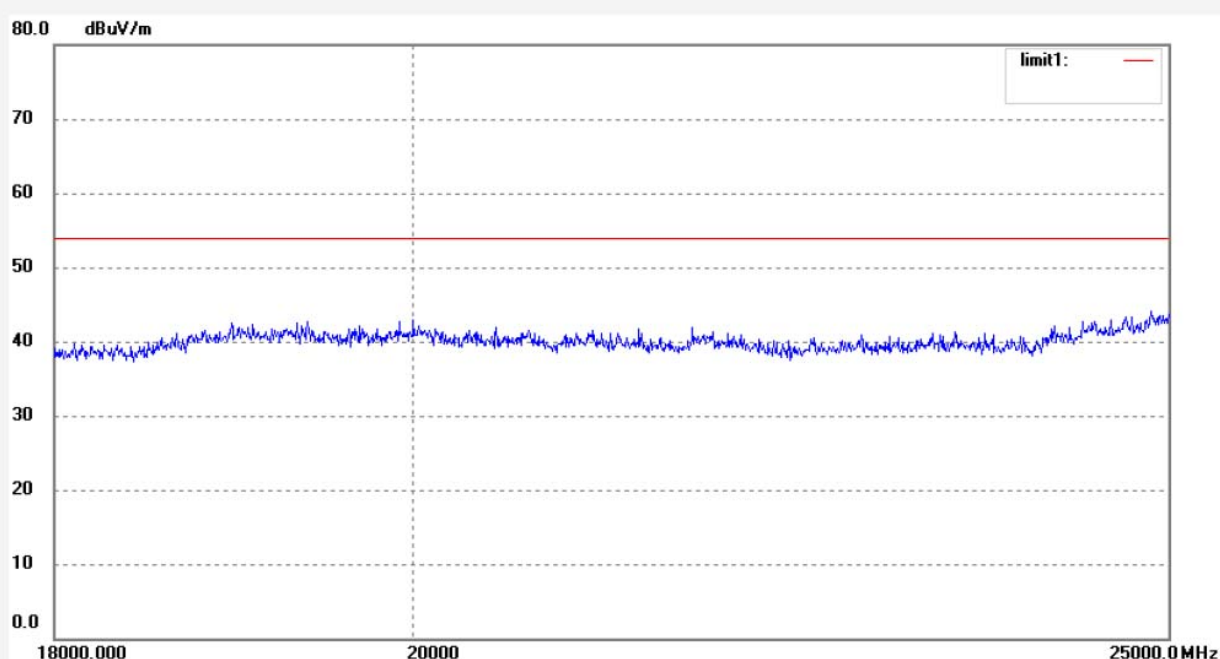
Date: 12/10/27/

Time: 2/28/13

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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

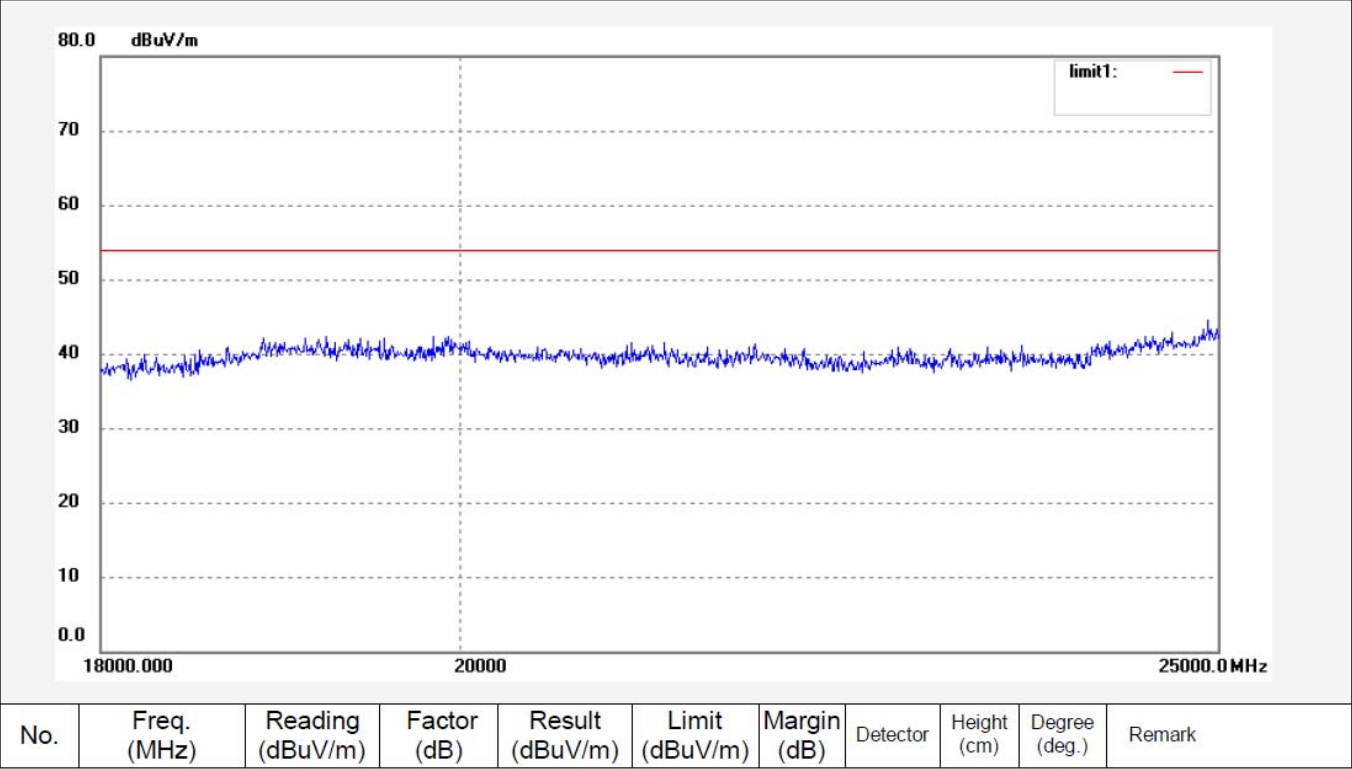
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2975	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/10/27/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 2/25/39
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2450MHz	Distance: 3m
Model: A5	
Manufacturer: COMAT	

Note: Report No.:ATE20122415




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 #2959

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2475MHz

Model: A5

Manufacturer: COMAT

Polarization: Horizontal

Power Source: DC 3V

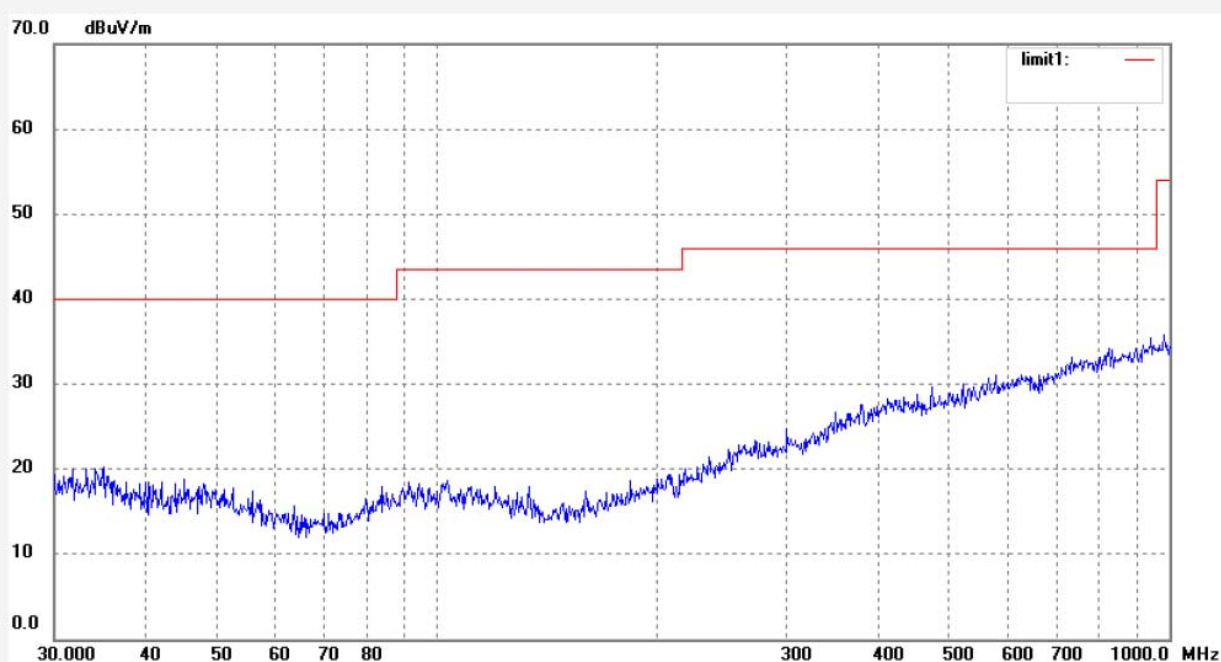
Date: 12/10/27/

Time: 1/28/25

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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



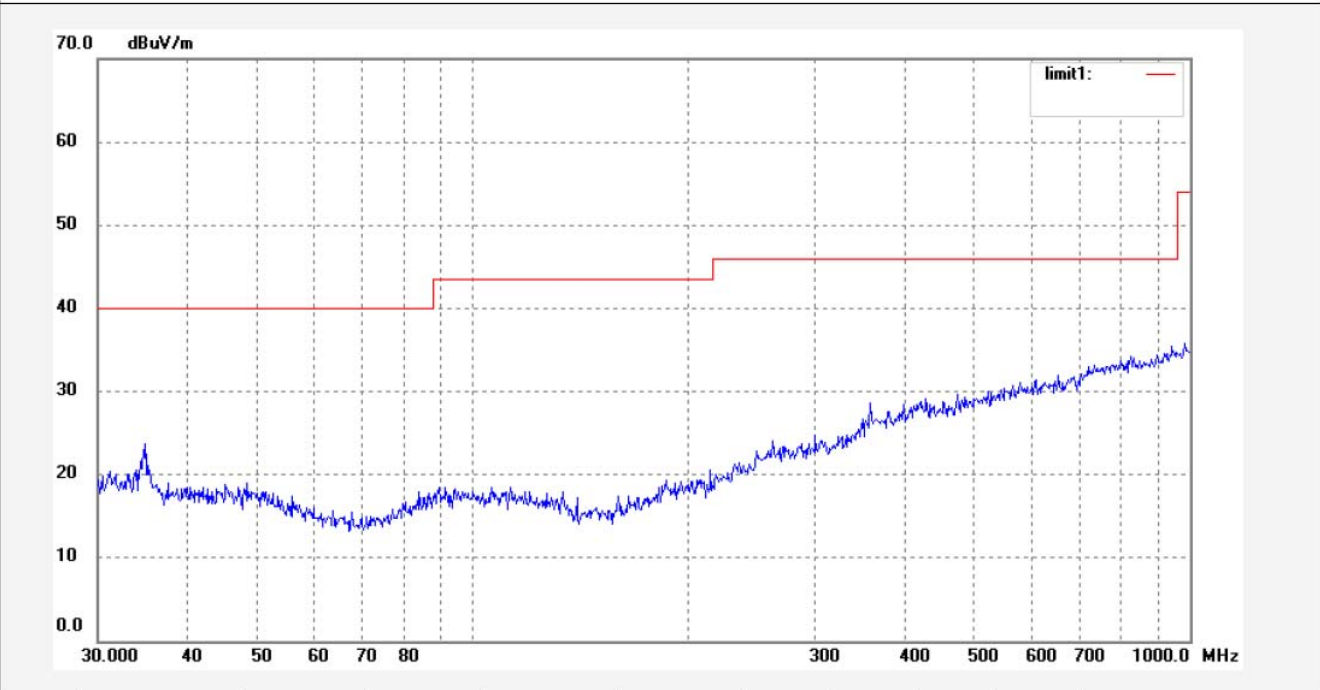
ACCURATE TECHNOLOGY CO., LTD.

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 #2960	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/10/27/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 1/33/55
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2475MHz	Distance: 3m
Model: A5	
Manufacturer: COMAT	

Note: Report No.:ATE20122415



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



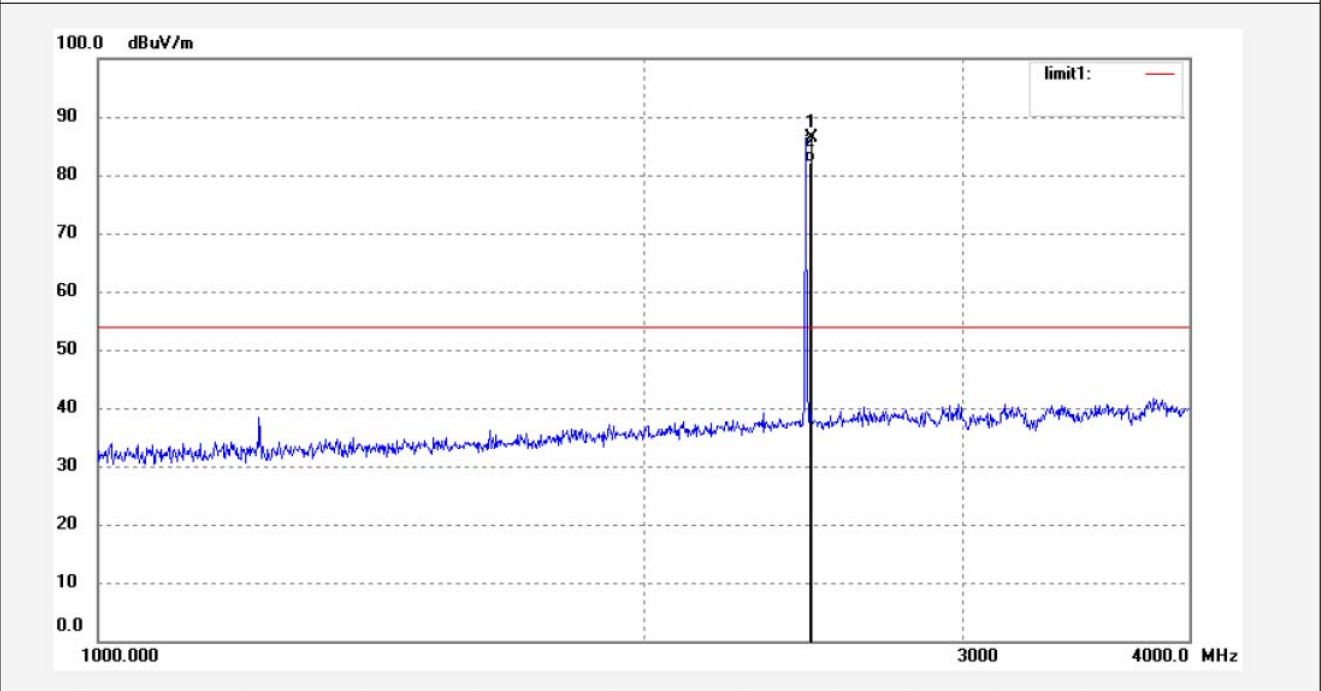
ACCURATE TECHNOLOGY CO., LTD.

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 #2961	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/10/27/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 1/37/50
EUT: 2.4G Wireless mouse	Engineer Signature:
Mode: TX 2475MHz	Distance: 3m
Model: A5	
Manufacturer: COMAT	

Note: Report No.:ATE20122415



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2475.000	93.79	-7.37	86.42	114.00	-27.58	peak			
2	2475.000	89.39	-7.37	82.02	94.00	-11.98	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 #2962

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2475MHz

Model: A5

Manufacturer: COMAT

Polarization: Vertical

Power Source: DC 3V

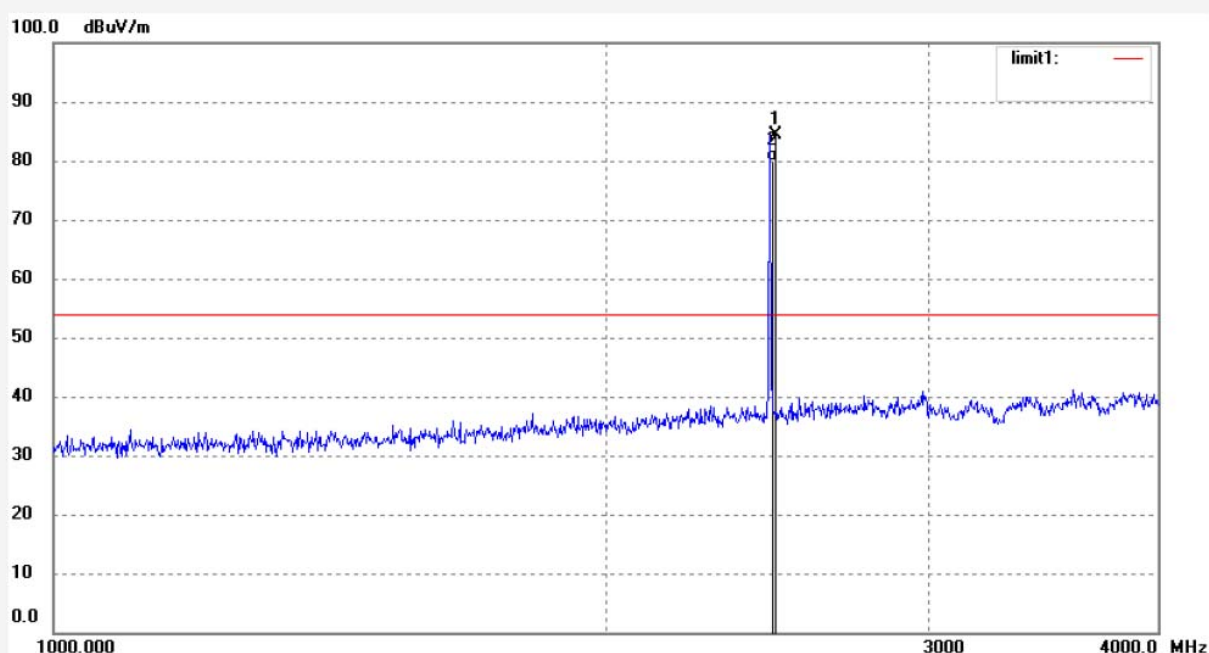
Date: 12/10/27/

Time: 1/40/00

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2475.000	91.85	-7.37	84.48	114.00	-29.52	peak			
2	2475.000	87.25	-7.37	79.88	94.00	-14.12	AVG			



ACCURATE TECHNOLOGY CO., LTD.

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Site: 966 chamber

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Fax:+86-0755-26503396

Job No.: star #2969

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2475MHz

Model: A5

Manufacturer: COMAT

Polarization: Horizontal

Power Source: DC 3V

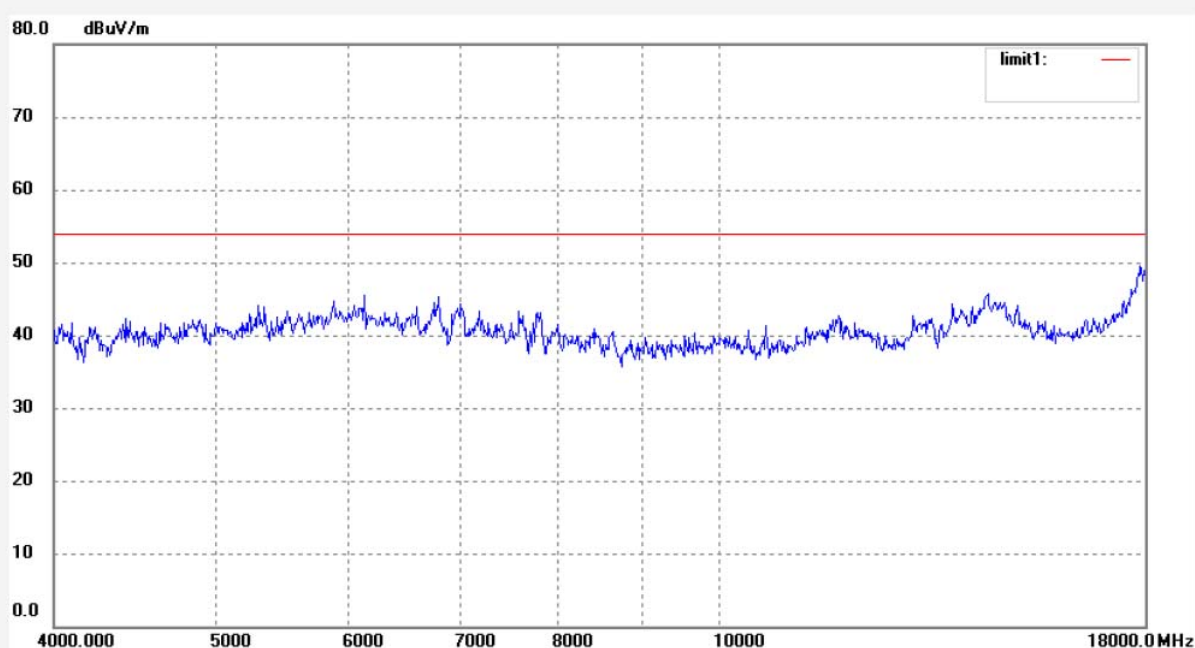
Date: 12/10/27/

Time: 2/03/10

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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

Job No.: star #2970

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2475MHz

Model: A5

Manufacturer: COMAT

Polarization: Vertical

Power Source: DC 3V

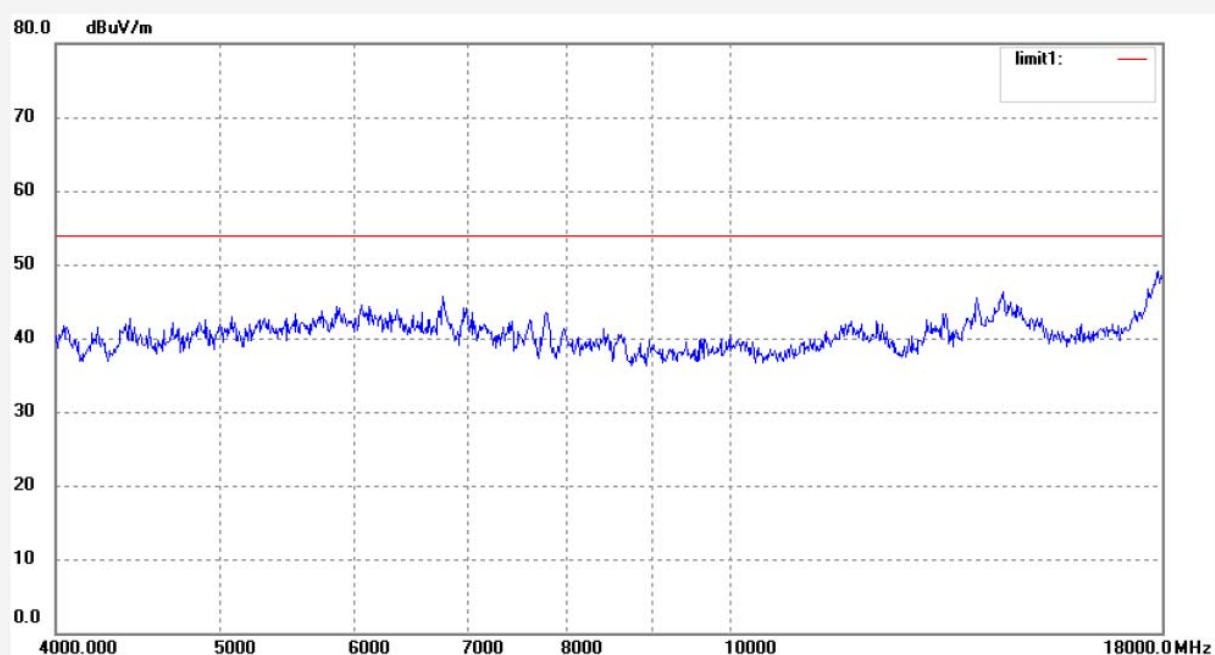
Date: 12/10/27/

Time: 2/08/41

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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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Site: 966 chamber

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Job No.: star #2977

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2475MHz

Model: A5

Manufacturer: COMAT

Polarization: Horizontal

Power Source: DC 3V

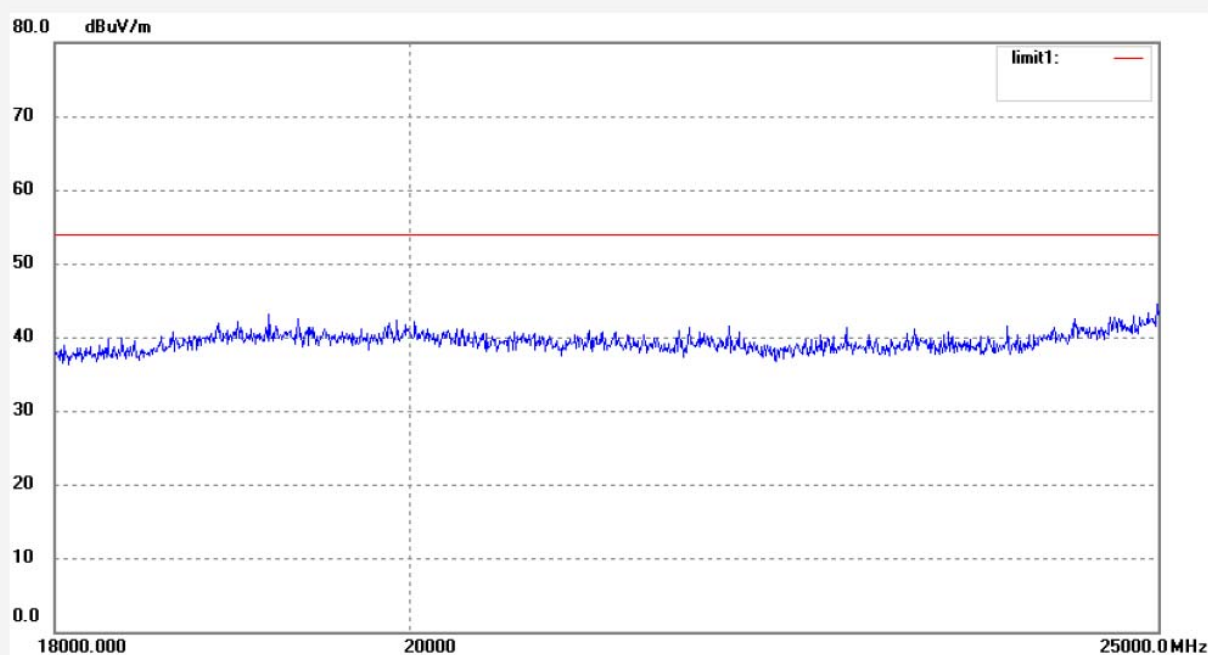
Date: 12/10/27/

Time: 2/30/25

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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

Job No.: star #2978

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2475MHz

Model: A5

Manufacturer: COMAT

Polarization: Vertical

Power Source: DC 3V

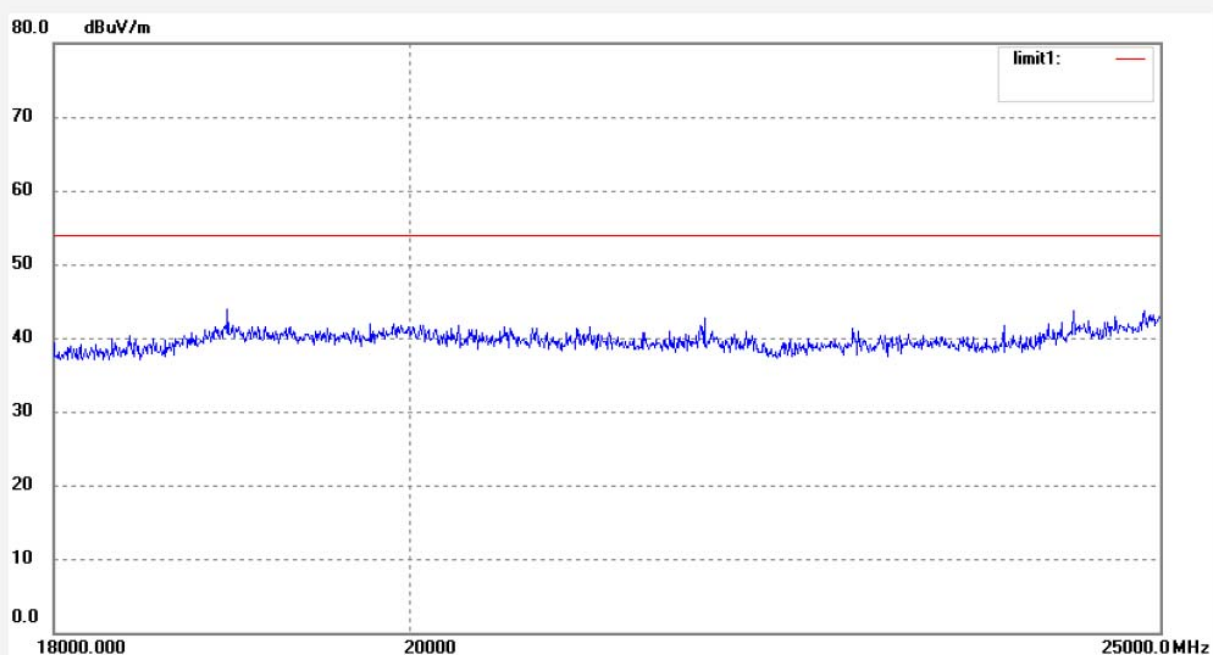
Date: 12/10/27/

Time: 2/33/41

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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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Site: 966 chamber

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Job No.: star #2979

Standard: FCC 15C PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2425MHz

Model: A5

Manufacturer: COMAT

Polarization: Horizontal

Power Source: DC 3V

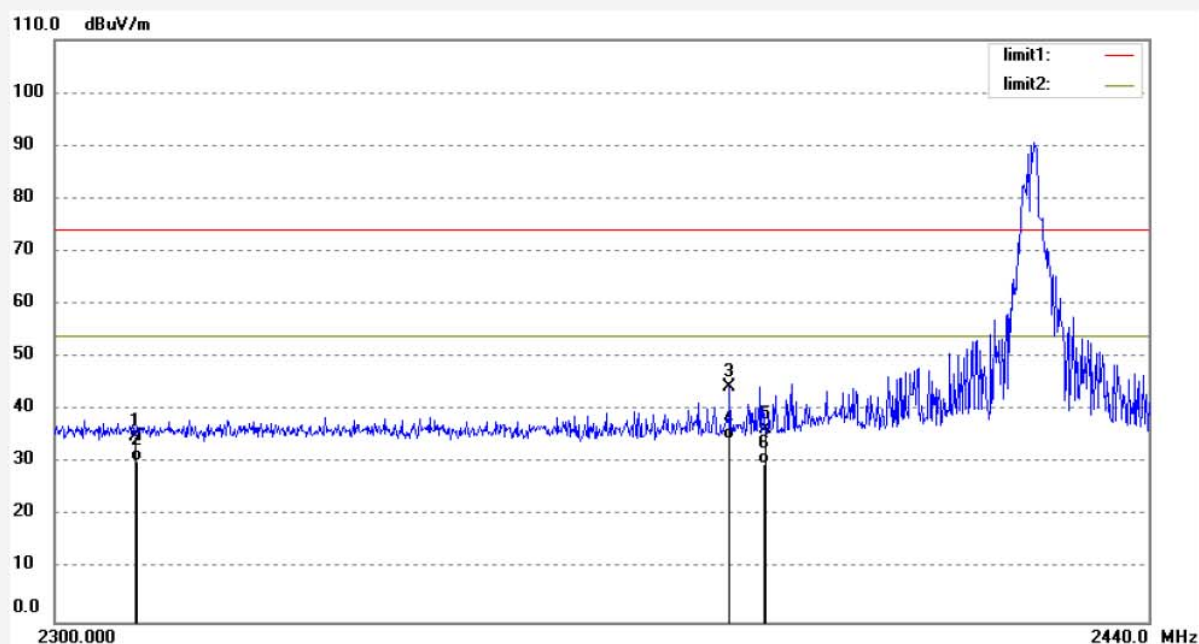
Date: 12/10/27/

Time: 2/38/05

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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	43.01	-7.81	35.20	74.00	-38.80	peak			
2	2310.000	38.25	-7.81	30.44	54.00	-23.56	AVG			
3	2385.433	51.95	-7.56	44.39	74.00	-29.61	peak			
4	2385.433	42.20	-7.56	34.64	54.00	-19.36	AVG			
5	2390.000	43.99	-7.53	36.46	74.00	-37.54	peak			
6	2390.000	37.25	-7.53	29.72	54.00	-24.28	AVG			


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Fax:+86-0755-26503396

Job No.: star #2980

Standard: FCC 15C PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2425MHz

Model: A5

Manufacturer: COMAT

Polarization: Vertical

Power Source: DC 3V

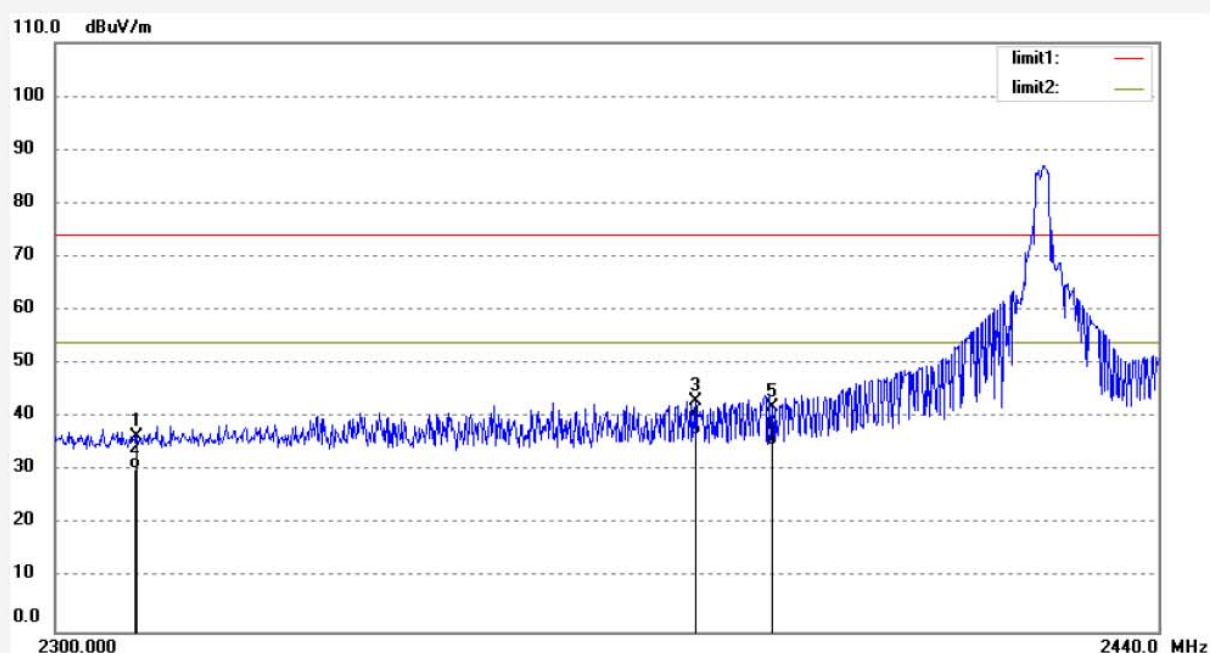
Date: 12/10/27/

Time: 2/42/30

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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	44.17	-7.81	36.36	74.00	-37.64	peak			
2	2310.000	38.25	-7.81	30.44	54.00	-23.56	AVG			
3	2380.213	50.69	-7.59	43.10	74.00	-30.90	peak			
4	2380.213	44.25	-7.59	36.66	54.00	-17.34	AVG			
5	2390.000	49.38	-7.53	41.85	74.00	-32.15	peak			
6	2390.000	42.37	-7.53	34.84	54.00	-19.16	AVG			



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Fax:+86-0755-26503396

Job No.: star #2983

Standard: FCC 15C PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2475MHz

Model: A5

Manufacturer: COMAT

Polarization: Horizontal

Power Source: DC 3V

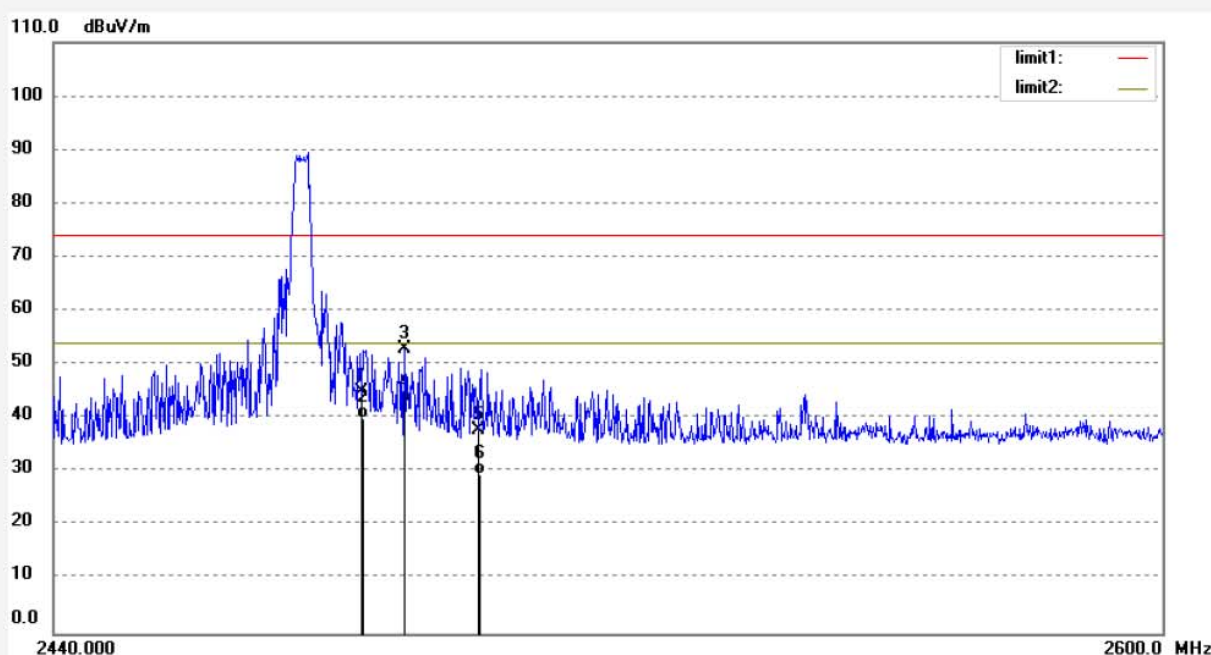
Date: 12/10/27/

Time: 2/49/58

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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	52.41	-7.37	45.04	74.00	-28.96	peak			
2	2483.500	47.25	-7.37	39.88	54.00	-14.12	AVG			
3	2489.566	60.22	-7.39	52.83	74.00	-21.17	peak			
4	2489.566	50.25	-7.39	42.86	54.00	-11.14	AVG			
5	2500.000	45.23	-7.40	37.83	74.00	-36.17	peak			
6	2500.000	37.02	-7.40	29.62	54.00	-24.38	AVG			



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Job No.: star #2981

Standard: FCC 15C PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 2.4G Wireless mouse

Mode: TX 2475MHz

Model: A5

Manufacturer: COMAT

Polarization: Vertical

Power Source: DC 3V

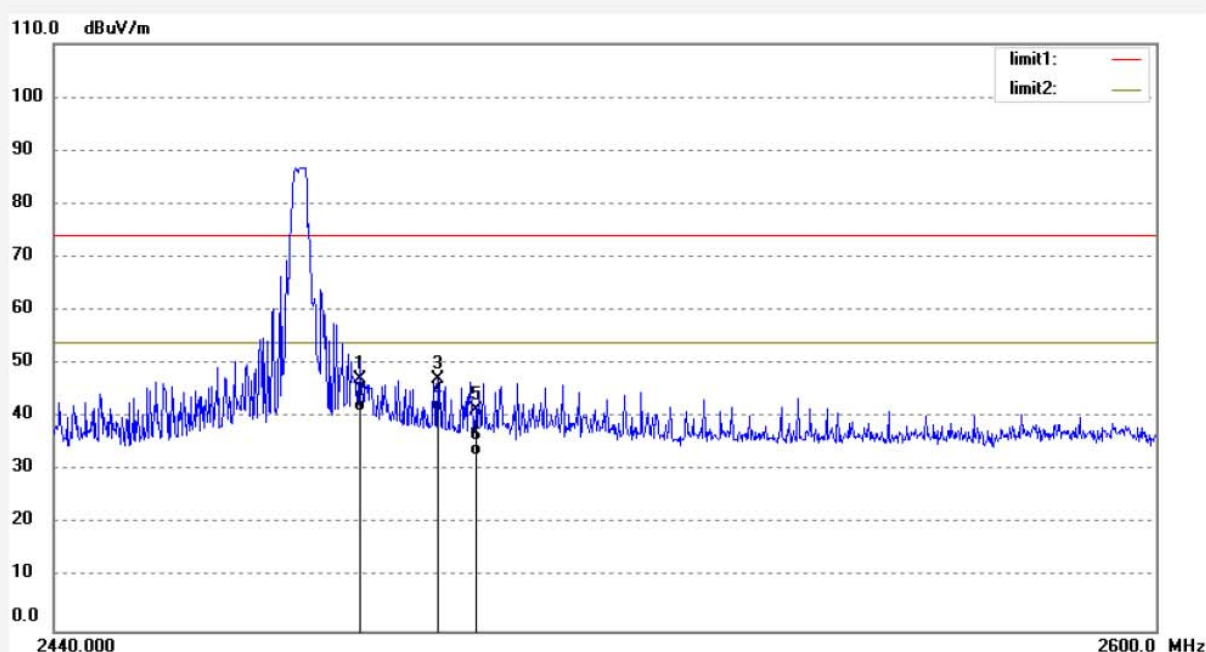
Date: 12/10/27/

Time: 2/45/43

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122415



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	54.63	-7.37	47.26	74.00	-26.74	peak			
2	2483.500	48.36	-7.37	40.99	54.00	-13.01	AVG			
3	2494.641	54.64	-7.39	47.25	74.00	-26.75	peak			
4	2494.641	48.39	-7.39	41.00	54.00	-13.00	AVG			
5	2500.000	48.78	-7.40	41.38	74.00	-32.62	peak			
6	2500.000	40.36	-7.40	32.96	54.00	-21.04	AVG			