FCC CERTIFICATION
On Behalf of
Xoopar Limited

2.4G Wireless Mouse
Model No.: XP51001

FCC ID: YOA-XP51001

Prepared for	:	Xoopar Limited
Address	:	Room 1608-1609, Jin Wei Building 4051 Jiabin Road Luohu Area, Shenzhen, China
Prepared by	:	ACCURATE TECHNOLOGY CO. LTD
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Report Number	:	ATE20101674
Date of Test	:	August 10-11, 2010
Date of Report	:	August 12, 2010

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Description Page

Test Report Certification

Applicant	:	Xoopar Limited
Manufacturer	:	Xoopar Limited
EUT Description	:	2.4G Wireless Mouse
		(A) MODEL NO.: XP51001
		(B) SERIAL NO.: N/A
		(C) POWER SUPPLY: 3.7V DC (Li-ion battery)

Measurement Procedure Used:

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

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

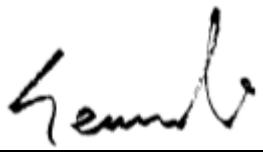
This report applies to above tested sample only. This report shall not be reproduced in part without written approval of ACCURATE TECHNOLOGY CO. LTD.

Date of Test : August 10-11, 2010

Prepared by :

(Engineer)

Approved & Authorized Signer :



(Manager)

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT	:	2.4G Wireless Mouse
Model Number	:	XP51001
Power Supply	:	3.7V DC (Li-ion battery)
Operate Frequency	:	2401-2480MHz
Applicant	:	Xoopar Limited
Address	:	Room 1608-1609, Jin Wei Building 4051 Jiabin Road Luohu Area, Shenzhen, China
Manufacturer	:	Xoopar Limited
Address	:	Room 1608-1609, Jin Wei Building 4051 Jiabin Road Luohu Area, Shenzhen, China
Date of sample received	:	August 7, 2010
Date of Test	:	August 10-11, 2010

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 until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 9, 2011
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 9, 2011
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 9, 2011
Pre-Amplifier	Rohde&Schwarz	CBLU1183540-01	3791	Jan. 9, 2011
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 9, 2011
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 9, 2011
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 9, 2011
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 9, 2011
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 9, 2011
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 9, 2011

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)

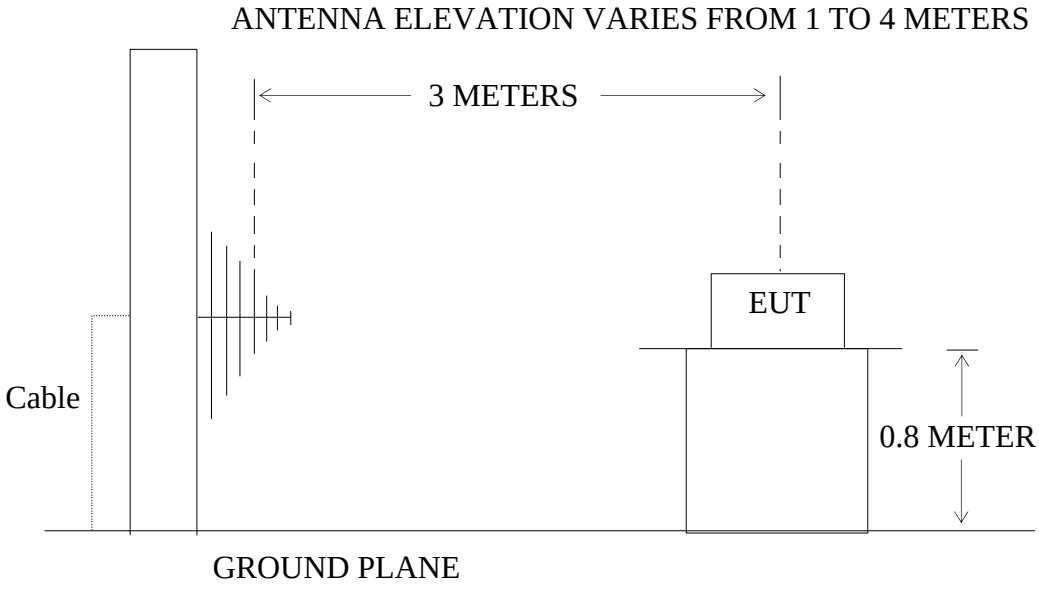
4.1.Block Diagram of Test Setup

4.1.1.Block diagram of connection between the EUT and simulators

EUT

(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 : XP51001
Serial Number : N/A
Manufacturer : Xoopar Limited

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 2401-2480MHz. We are select 2401MHz, 2444MHz, 2480MHz TX frequency to transmit.

4.5. Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

The bandwidth of test receiver is set at 1MHz.

4.6. The Field Strength of Radiation Emission Measurement Results

PASS.

Date of Test:	August 11, 2010	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	XP51001	Power Supply:	3.7V DC (Li-ion battery)
Test Mode:	TX 2401MHz	Test Engineer:	Joe

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	
2401.084	86.80	92.85	-7.46	79.34	85.39	94	114	-14.66	-28.61	Vertical
2401.084	92.56	98.61	-7.46	85.10	91.15	94	114	-8.90	-22.85	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	
4802.166	44.70	50.74	-0.30	44.40	50.44	54	74	-9.60	-23.56	Vertical
4802.166	47.25	53.33	-0.30	46.95	53.03	54	74	-7.05	-20.97	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:

   Result = Reading + 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.

Date of Test:	August 11, 2010	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	XP51001	Power Supply:	3.7V DC (Li-ion battery)
Test Mode:	TX 2440MHz	Test Engineer:	Joe

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	
2444.085	86.78	92.85	-7.35	79.43	85.50	94	114	-14.57	-28.50	Vertical
2444.085	92.27	98.31	-7.35	84.92	90.96	94	114	-9.08	-23.04	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	
4888.168	44.84	50.92	0.17	45.01	51.09	54	74	-8.99	-22.91	Vertical
4888.168	46.83	52.89	0.17	47.00	53.06	54	74	-7.00	-20.94	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:

   Result = Reading + 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.

Date of Test:	August 11, 2010	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	XP51001	Power Supply:	3.7V DC (Li-ion battery)
Test Mode:	TX 2480MHz	Test Engineer:	Joe

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	
2480.090	87.77	93.82	-7.37	80.40	86.45	94	114	-13.60	-27.55	Vertical
2480.180	92.47	98.54	-7.37	85.10	91.17	94	114	-8.90	-22.83	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	
4960.180	44.54	50.58	0.52	45.06	51.10	54	74	-8.94	-22.90	Vertical
4960.180	46.48	52.54	0.52	47.00	53.06	54	74	-7.00	-20.94	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:

   Result = Reading + 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.

5. SPURIOUS RADIATED EMISSION FOR SECTION 15.249(D)

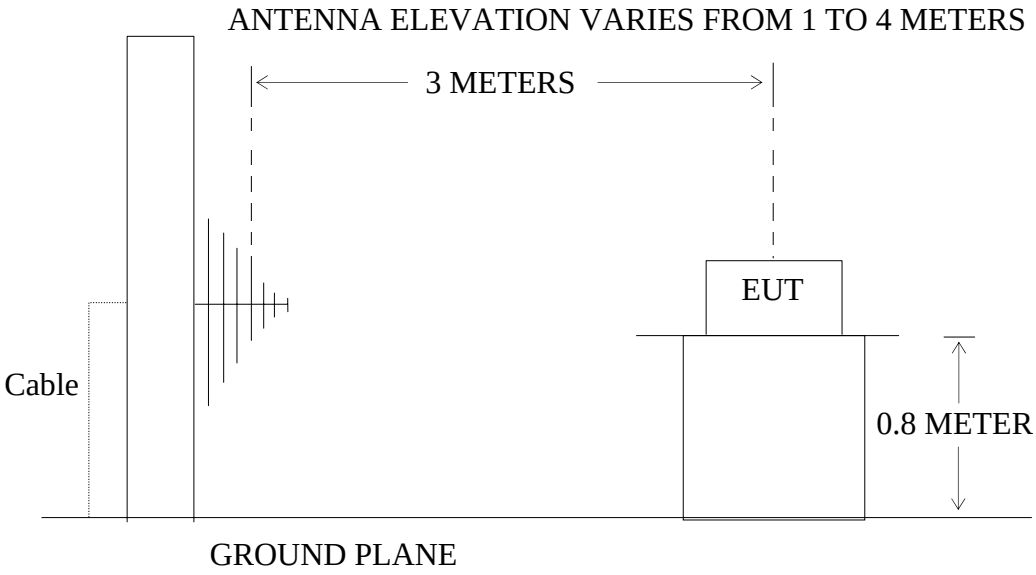
5.1.Block Diagram of Test Setup

5.1.1.Block diagram of connection between the EUT and simulators

EUT

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

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 : XP51001
Serial Number : N/A
Manufacturer : Xoopar Limited

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 2401-2480MHz. We are select 2401MHz, 2444MHz, 2480MHz TX frequency to transmit.

5.5. Test Procedure

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

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:	August 10, 2010	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	XP51001	Power Supply:	3.7V DC (Li-ion battery)
Test Mode:	TX 2401MHz	Test Engineer:	Joe

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:

   Result = Reading + 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.

Date of Test:	August 10, 2010	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	XP51001	Power Supply:	3.7V DC (Li-ion battery)
Test Mode:	TX 2444MHz	Test Engineer:	Joe

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:

   Result = Reading + 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.

Date of Test:	August 10, 2010	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	XP51001	Power Supply:	3.7V DC (Li-ion battery)
Test Mode:	TX 2480MHz	Test Engineer:	Joe

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:

   Result = Reading + 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.

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	**:**	XP51001
Serial Number	**:**	N/A
Manufacturer	**:**	Xoopar Limited

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 2401-2480MHz. We are select 2401MHz, 2480MHz 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:	August 11, 2010	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	XP51001	Power Supply:	3.7V DC (Li-ion battery)
Test Mode:	TX 2401MHz	Test Engineer:	Joe

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	
2400.00	57.05	63.14	-7.46	49.59	55.68	54	74	-4.41	-18.32	Vertical
2400.00	57.88	63.96	-7.46	50.42	56.50	54	74	-3.58	-17.50	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:

   Result = Reading + 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.

Date of Test:	August 11, 2010	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	XP51001	Power Supply:	3.7V DC (Li-ion battery)
Test Mode:	TX 2480MHz	Test Engineer:	Joe

Frequency	Reading(dBμV/m)		Factor(dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
2483.50	42.93	49.00	-7.37	35.56	41.63	54	74	-8.44	-32.37	Vertical
2483.50	43.80	49.86	-7.37	36.43	42.49	54	74	-7.57	-31.51	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:

   Result = Reading + 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.

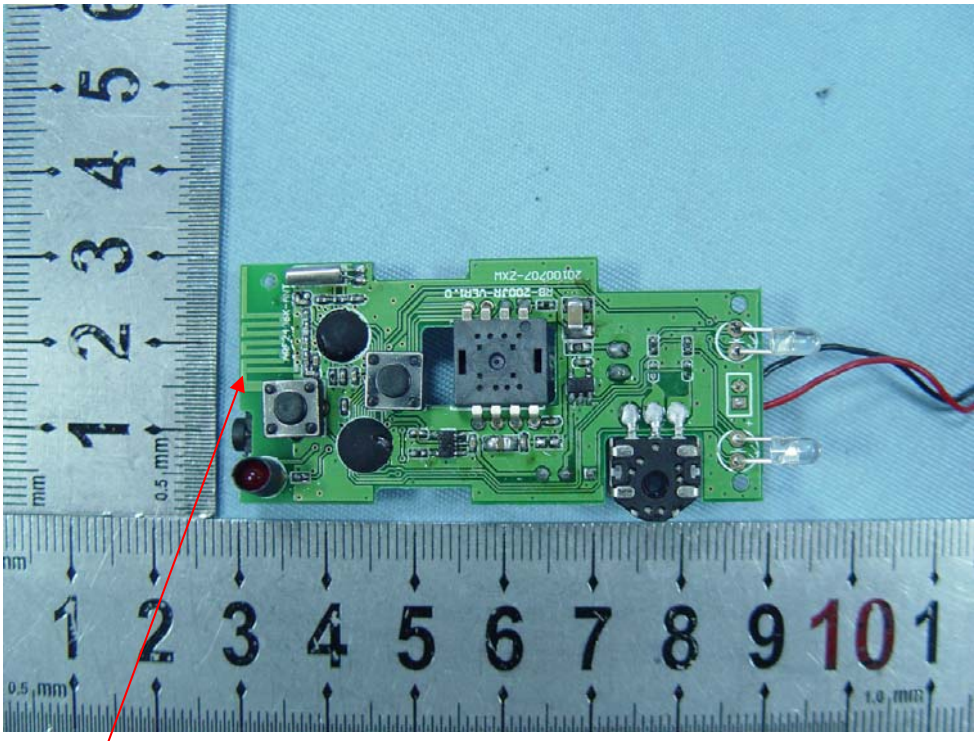
7. ANTENNA REQUIREMENT

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.



APPENDIX I
(Test Curves)

ACCURATE TECHNOLOGY CO., LTD.
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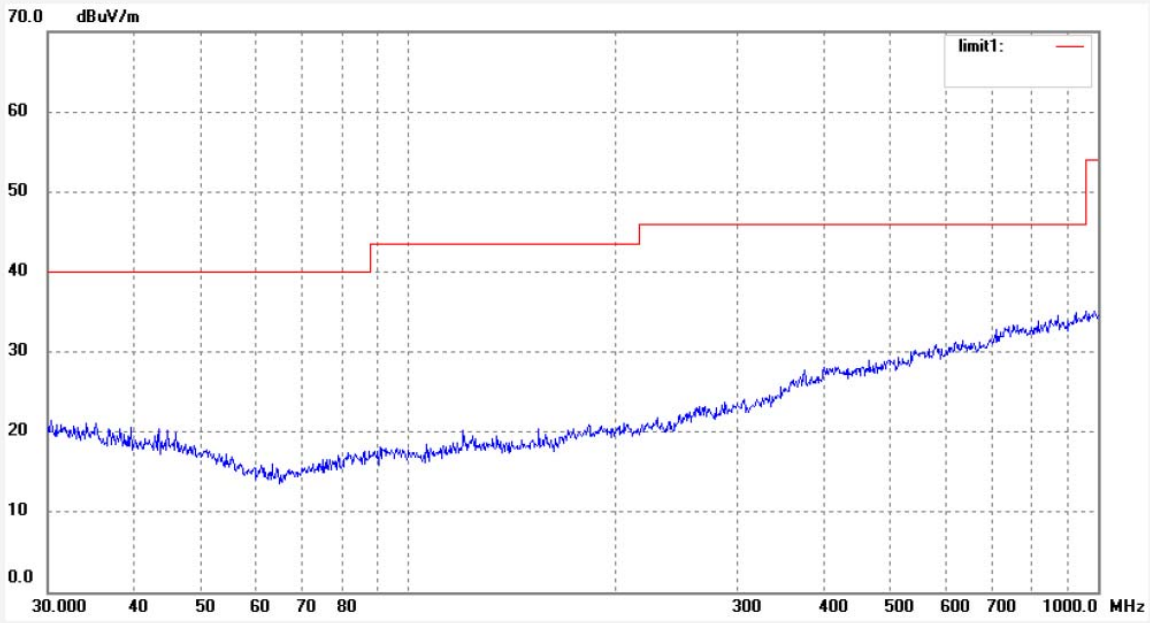
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5629	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/10
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:06:41
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2401MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



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.
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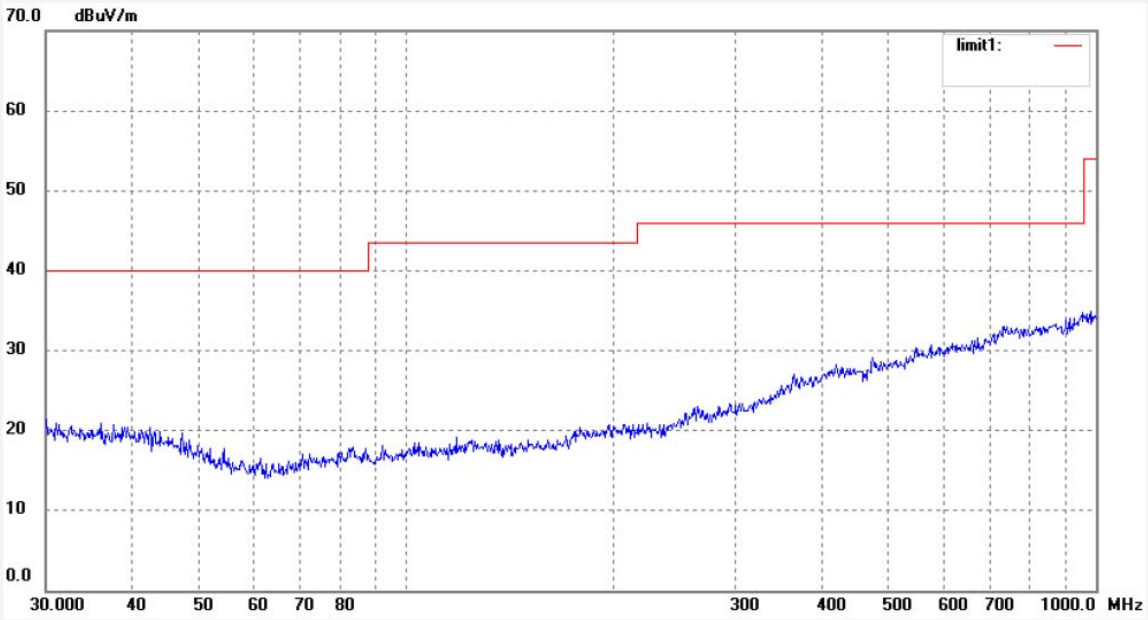
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5630	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/10
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:10:10
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2401MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



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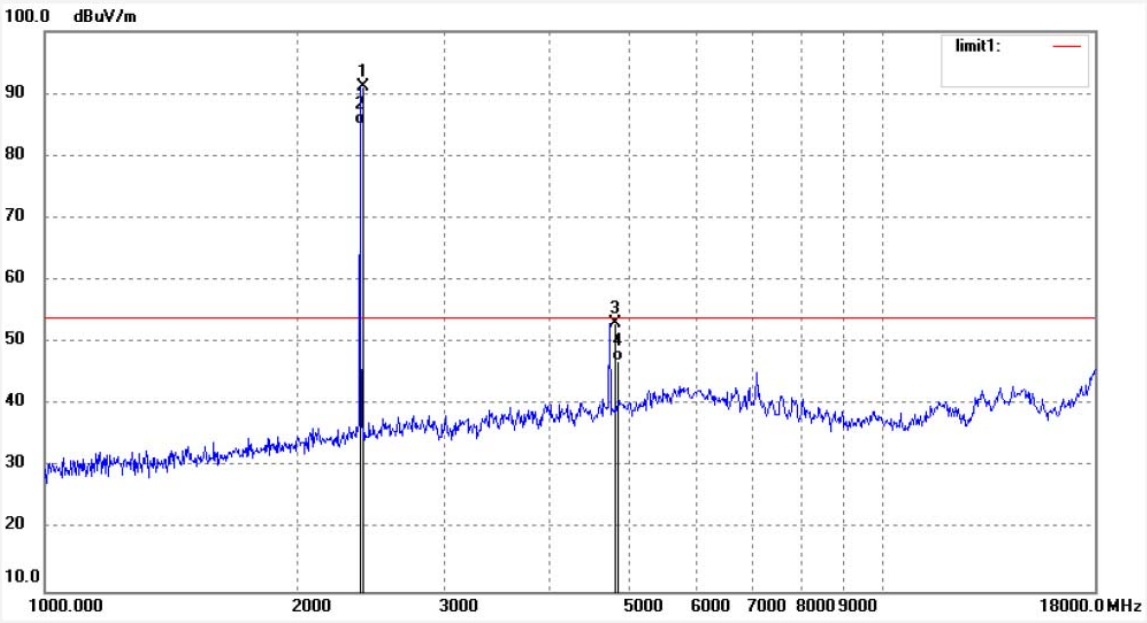
Fax:+86-0755-26503396

Job No.: RTTE #5642	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 9:18:17
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2401MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2401.084	98.61	-7.46	91.15	114.00	-22.85	peak			
2	2401.084	92.56	-7.46	85.10	94.00	-8.90	AVG			
3	4802.166	53.33	-0.30	53.03	74.00	-20.97	peak			
4	4802.166	47.25	-0.30	46.95	54.00	-7.05	AVG			

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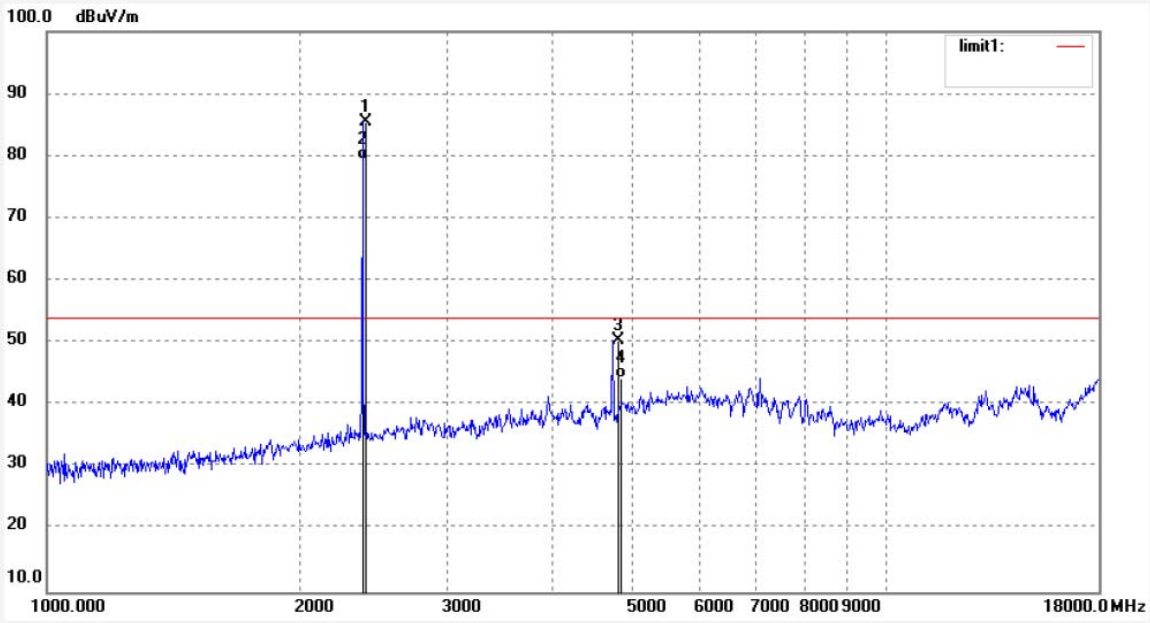
Fax:+86-0755-26503396

Job No.: RTTE #5641	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 9:14:05
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2401MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2401.084	92.85	-7.46	85.39	114.00	-28.61	peak			
2	2401.084	86.80	-7.46	79.34	94.00	-14.66	AVG			
3	4802.166	50.74	-0.30	50.44	74.00	-23.56	peak			
4	4802.166	44.70	-0.30	44.40	54.00	-9.60	AVG			

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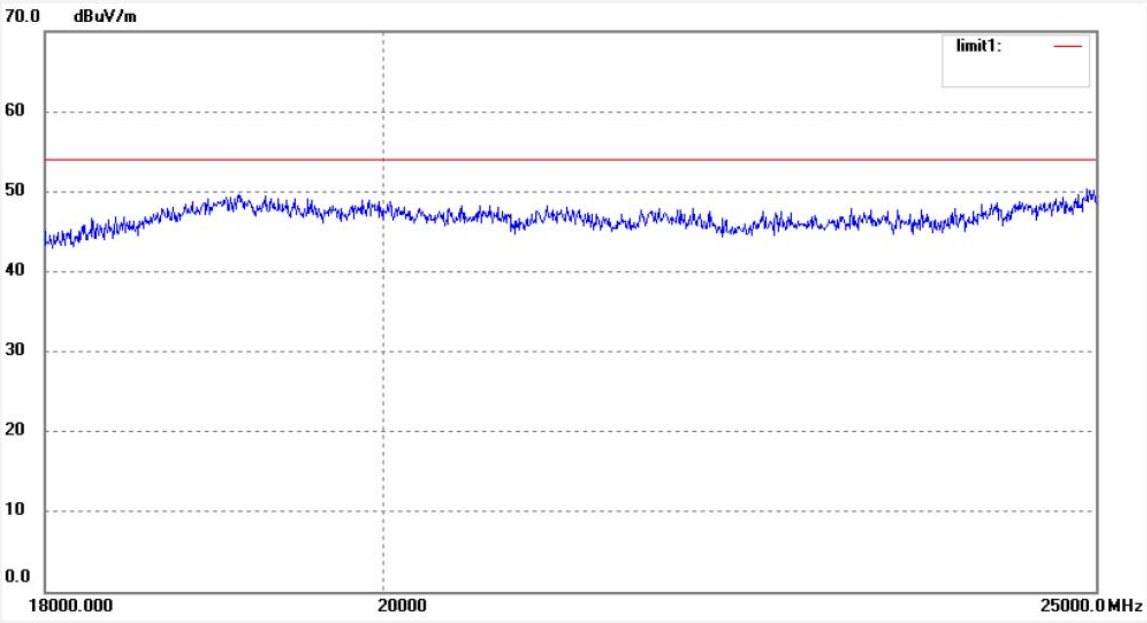
Job No.: RTTE #5647	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 9:43:09
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2401MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



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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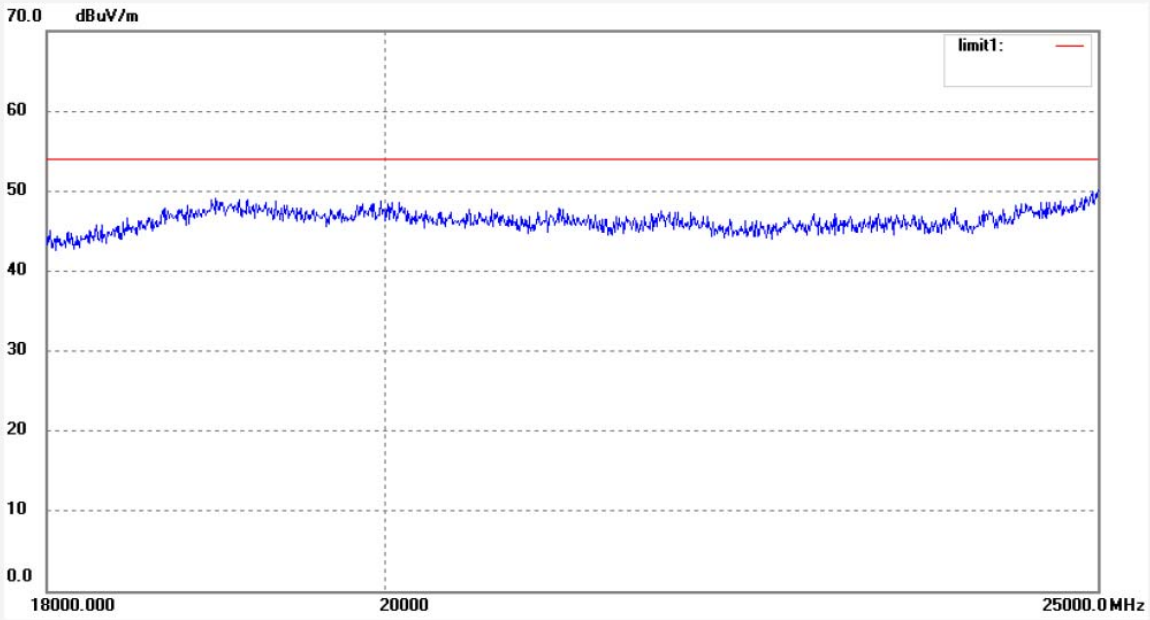
Job No.: RTTE #5648	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 9:46:43
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2401MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



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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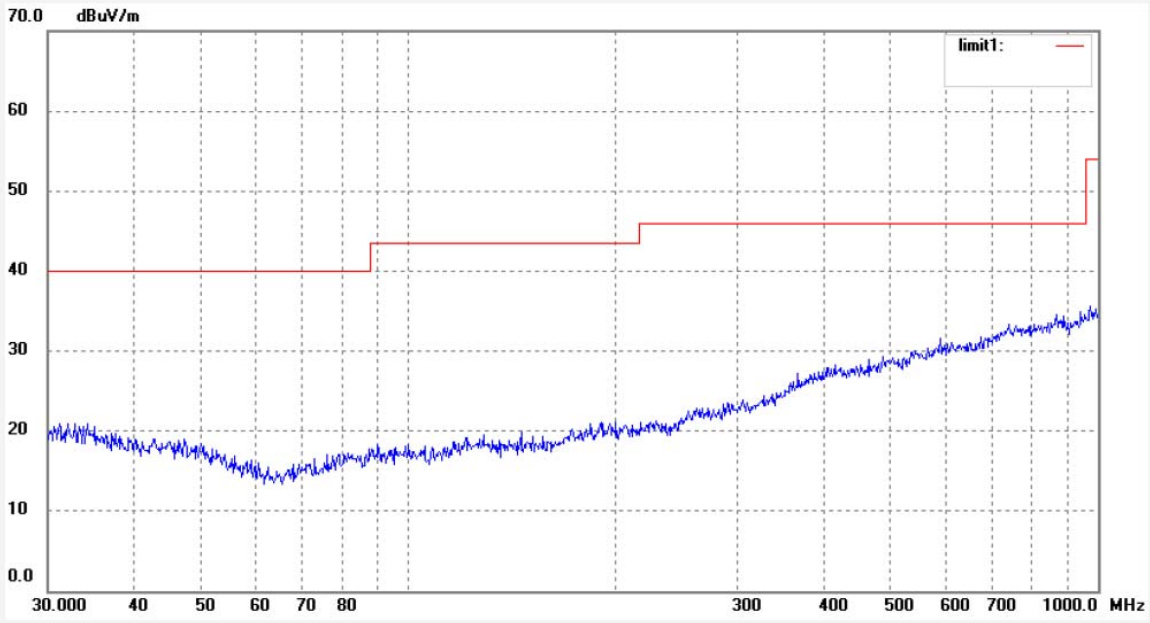
Job No.: RTTE #5632	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/10
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:17:54
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2444MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



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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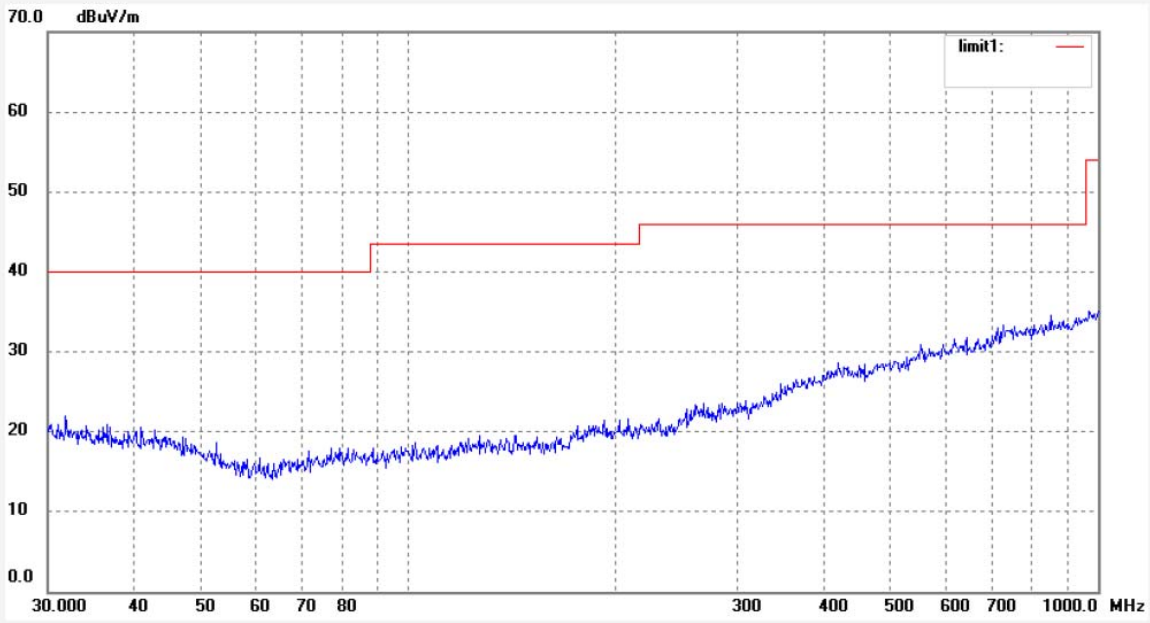
Fax:+86-0755-26503396

Job No.: RTTE #5631	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/10
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:14:19
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2444MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



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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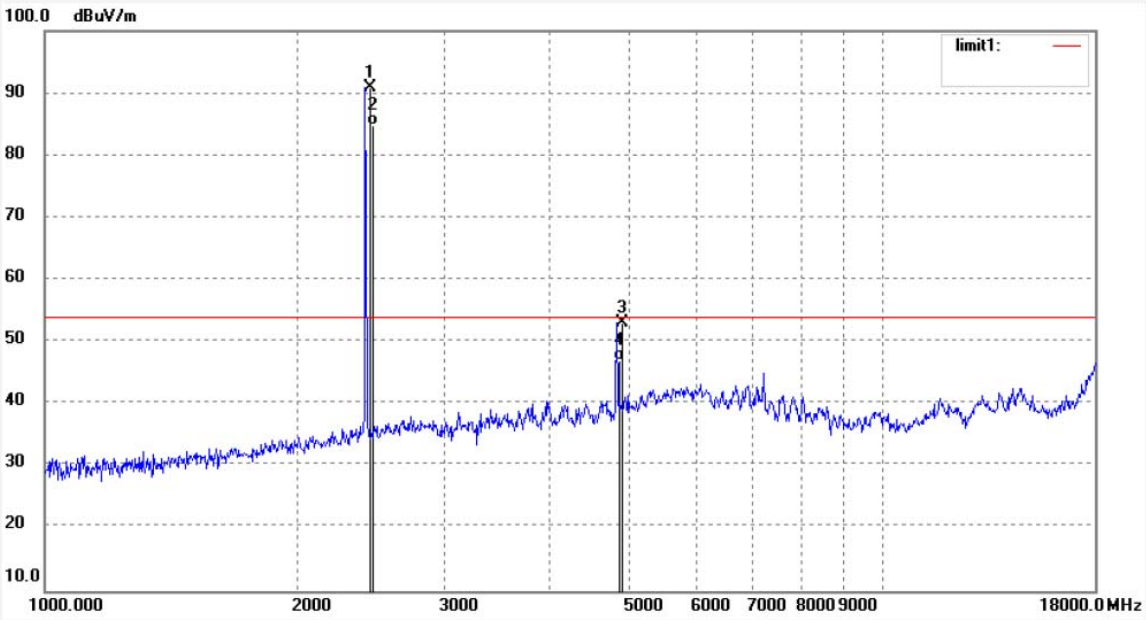
Job No.: RTTE #5643	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 9:23:20
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2444MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2444.085	98.31	-7.35	90.96	114.00	-23.04	peak			
2	2444.085	92.27	-7.35	84.92	94.00	-9.08	AVG			
3	4888.168	52.89	0.17	53.06	74.00	-20.94	peak			
4	4888.168	46.83	0.17	47.00	54.00	-7.00	AVG			

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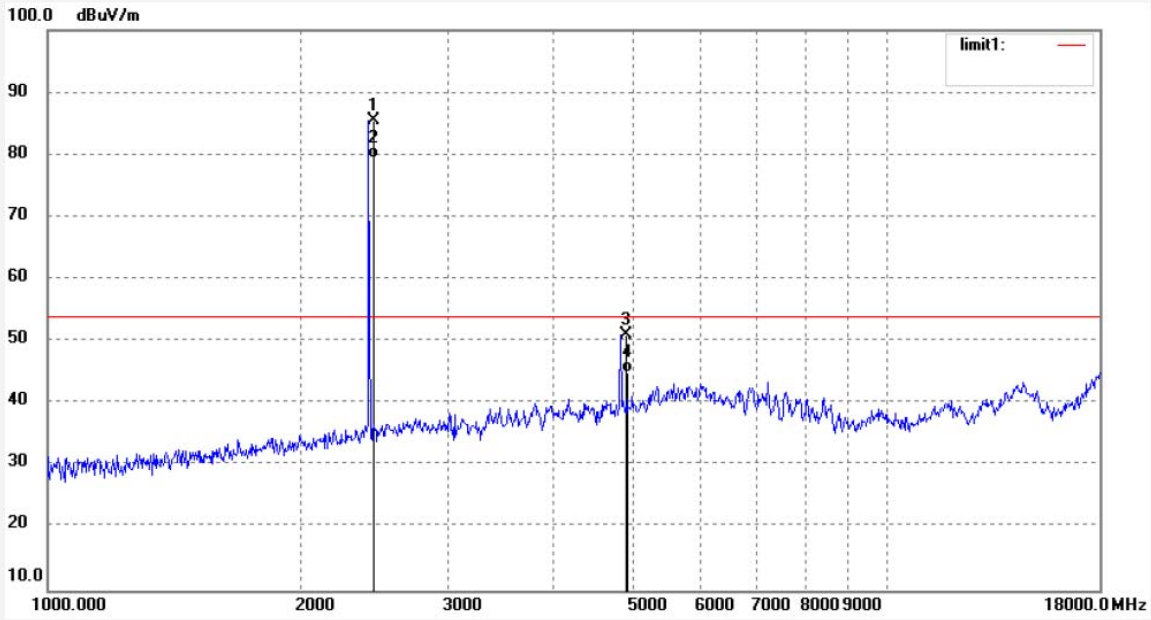
Job No.: RTTE #5644	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 9:27:27
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2444MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2444.085	92.85	-7.35	85.50	114.00	-28.50	peak			
2	2444.085	86.78	-7.35	79.43	94.00	-14.57	AVG			
3	4888.168	50.92	0.17	51.09	74.00	-22.91	peak			
4	4888.168	44.84	0.17	45.01	54.00	-8.99	AVG			

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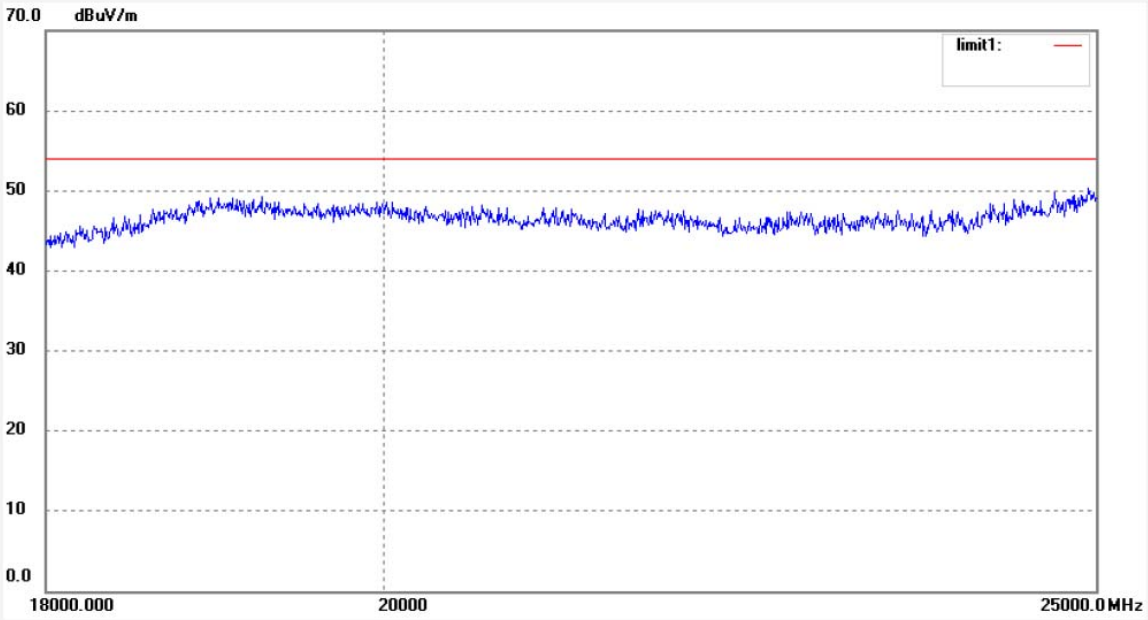
Job No.: RTTE #5650	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 9:55:00
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2444MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



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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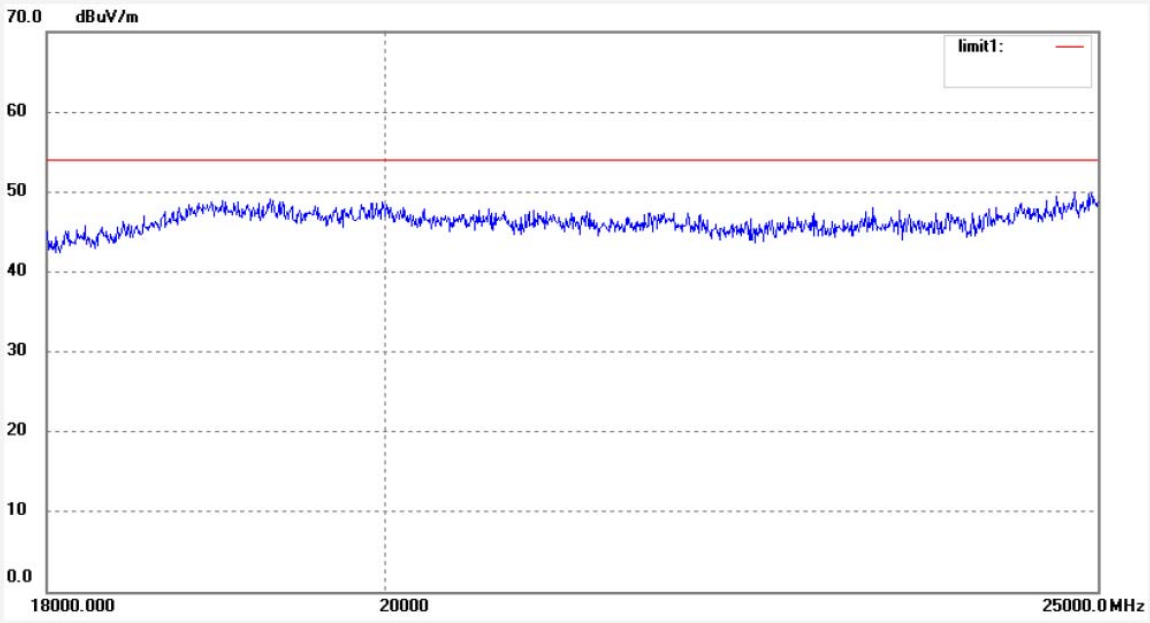
Job No.: RTTE #5649	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 9:51:19
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2444MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



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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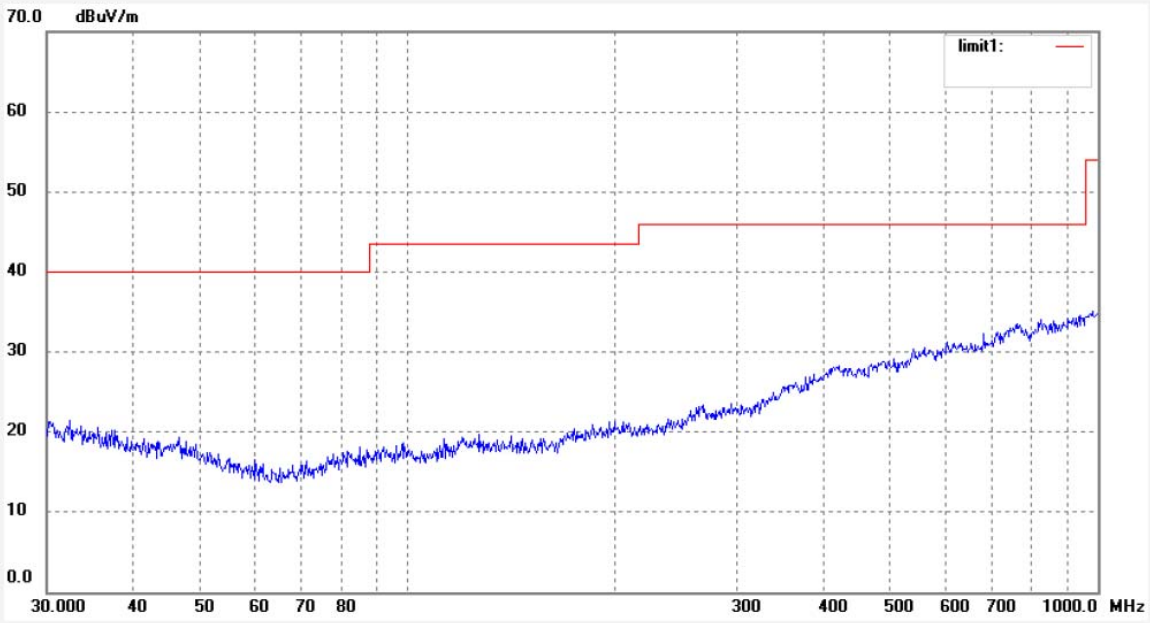
Job No.: RTTE #5633	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/10
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:22:08
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2480MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



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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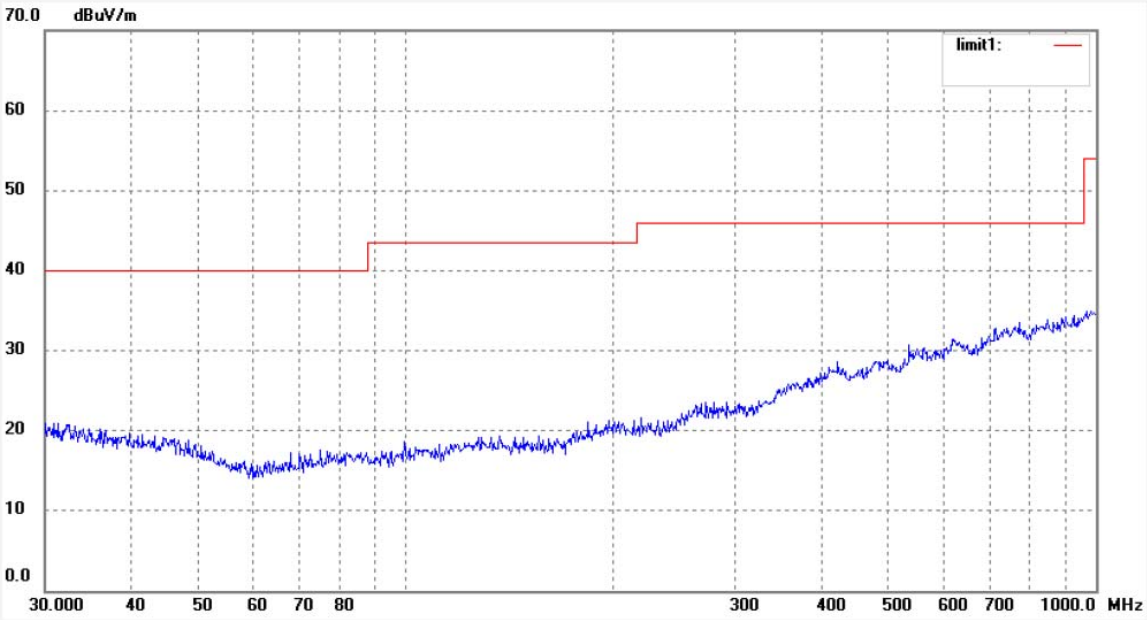
Job No.: RTTE #5634	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/10
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:25:46
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2480MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



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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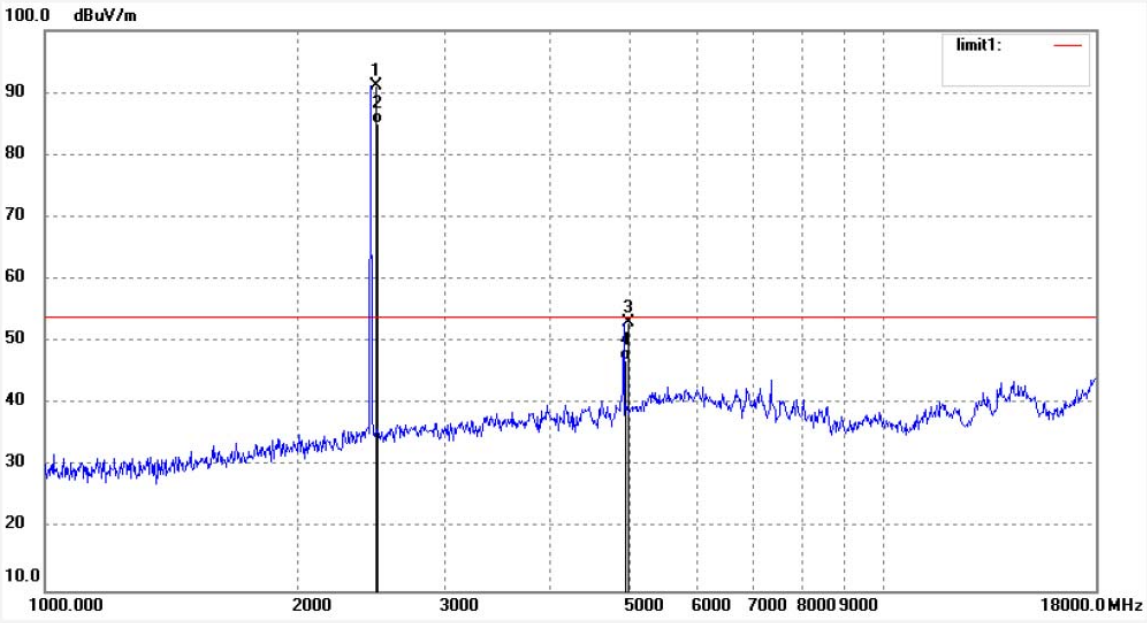
Job No.: RTTE #5646	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 9:36:35
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2480MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.090	98.54	-7.37	91.17	114.00	-22.83	peak			
2	2480.090	92.47	-7.37	85.10	94.00	-8.90	AVG			
3	4960.180	52.54	0.52	53.06	74.00	-20.94	peak			
4	4960.180	46.48	0.52	47.00	54.00	-7.00	AVG			

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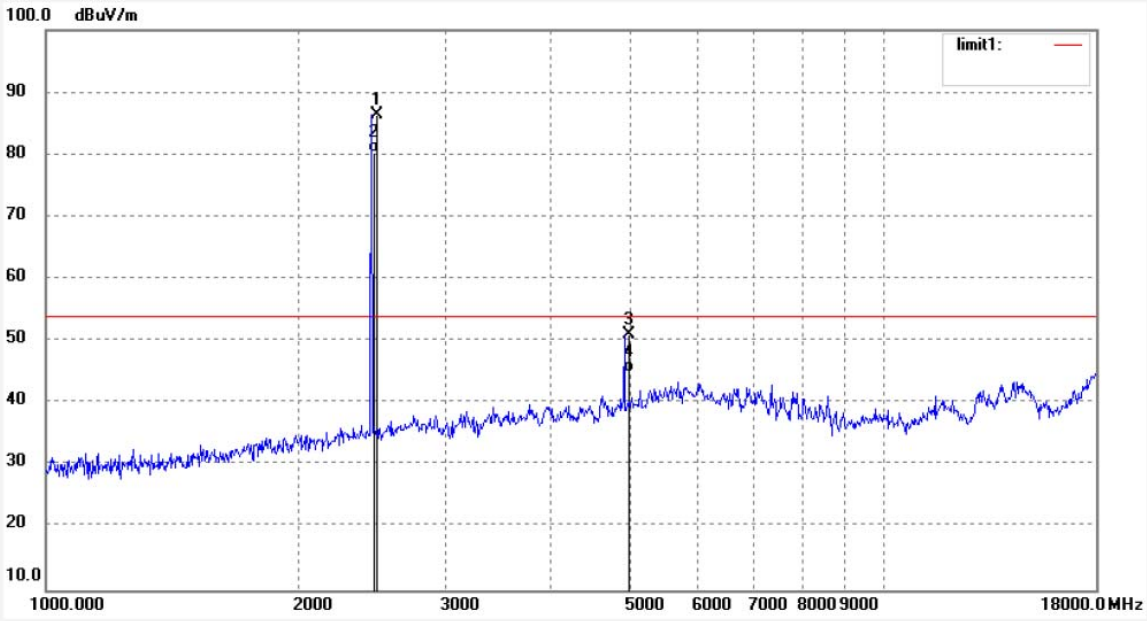
Job No.: RTTE #5645	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 9:32:34
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2480MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.090	93.82	-7.37	86.45	114.00	-27.55	peak			
2	2480.090	87.77	-7.37	80.40	94.00	-13.60	AVG			
3	4960.180	50.58	0.52	51.10	74.00	-22.90	peak			
4	4960.180	44.54	0.52	45.06	54.00	-8.94	AVG			

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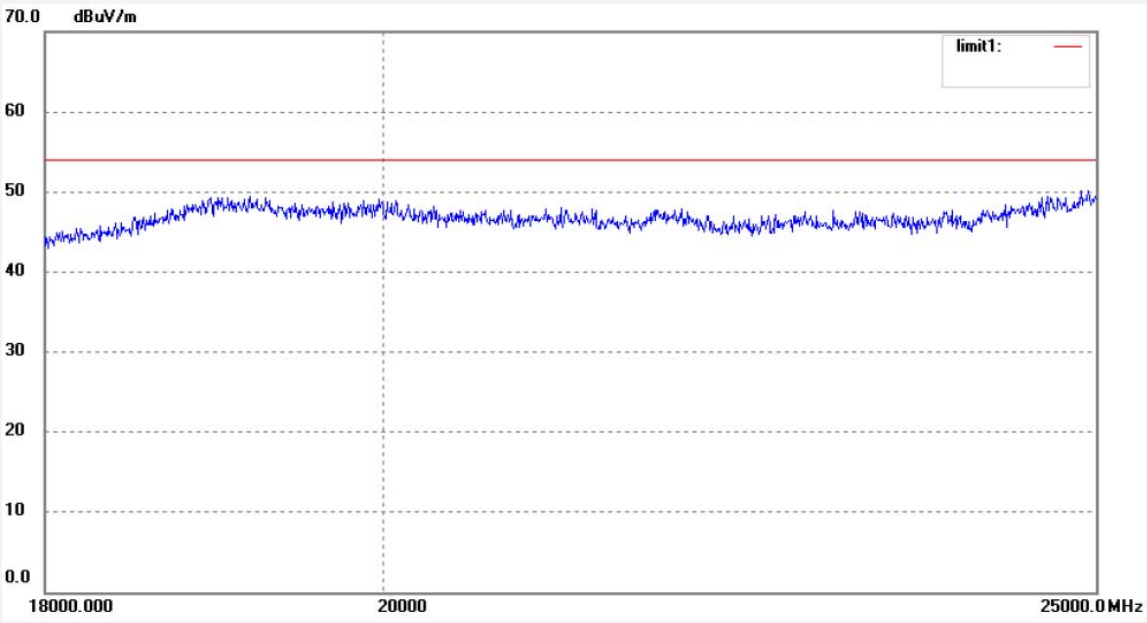
Job No.: RTTE #5651	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 9:59:21
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2480MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



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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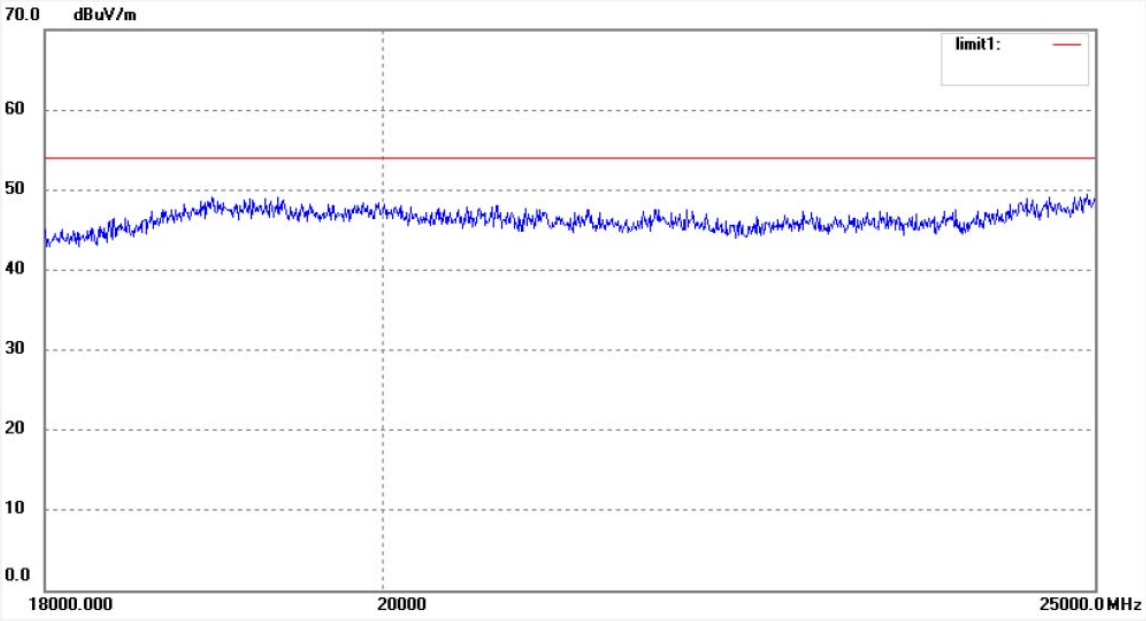
Job No.: RTTE #5652	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:03:08
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2480MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



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.
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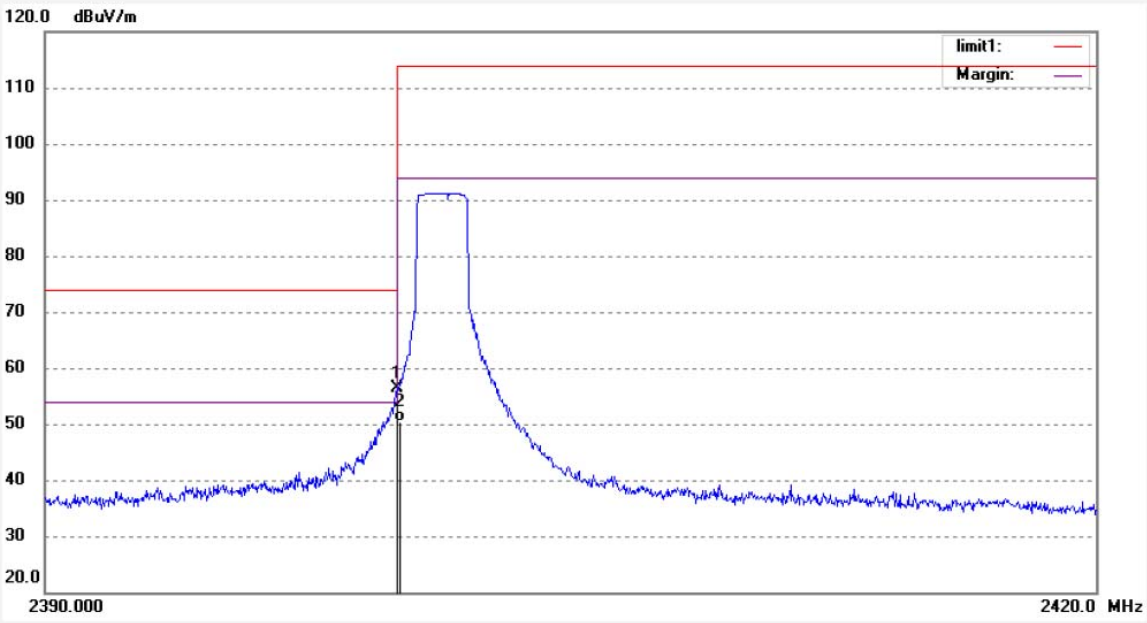
Job No.: RTTE #5653	Polarization: Horizontal
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:16:48
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2401MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2400.000	63.96	-7.46	56.50	74.00	-17.50	peak			
2	2400.000	57.88	-7.46	50.42	54.00	-3.58	AVG			

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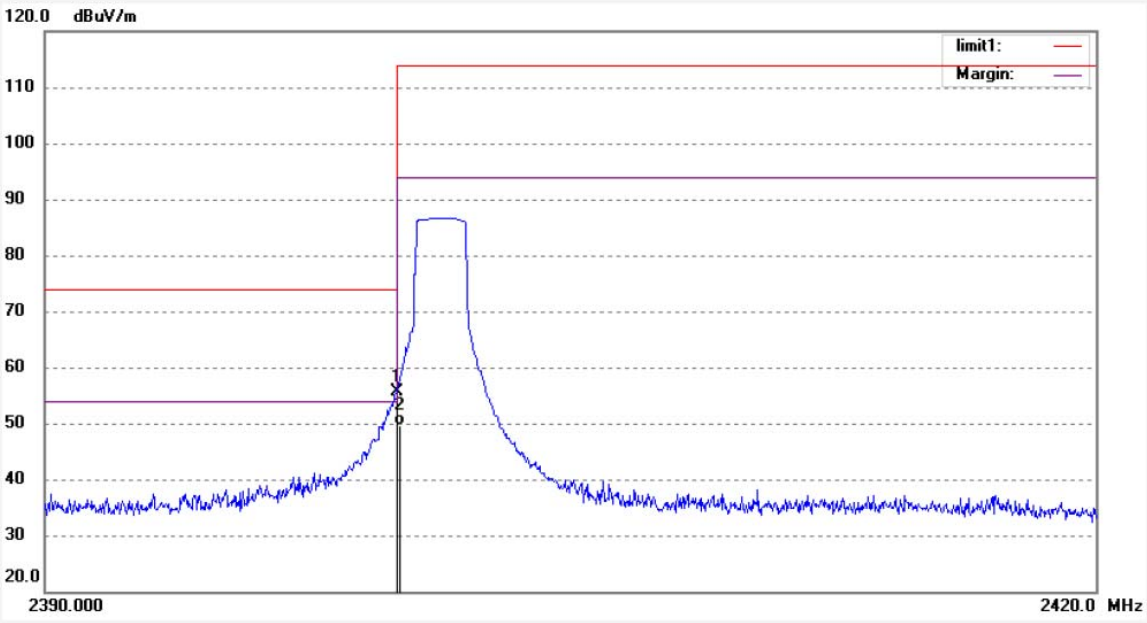
Job No.: RTTE #5654	Polarization: Vertical
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:20:35
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2401MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2400.000	63.14	-7.46	55.68	74.00	-18.32	peak			
2	2400.000	57.05	-7.46	49.59	54.00	-4.41	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
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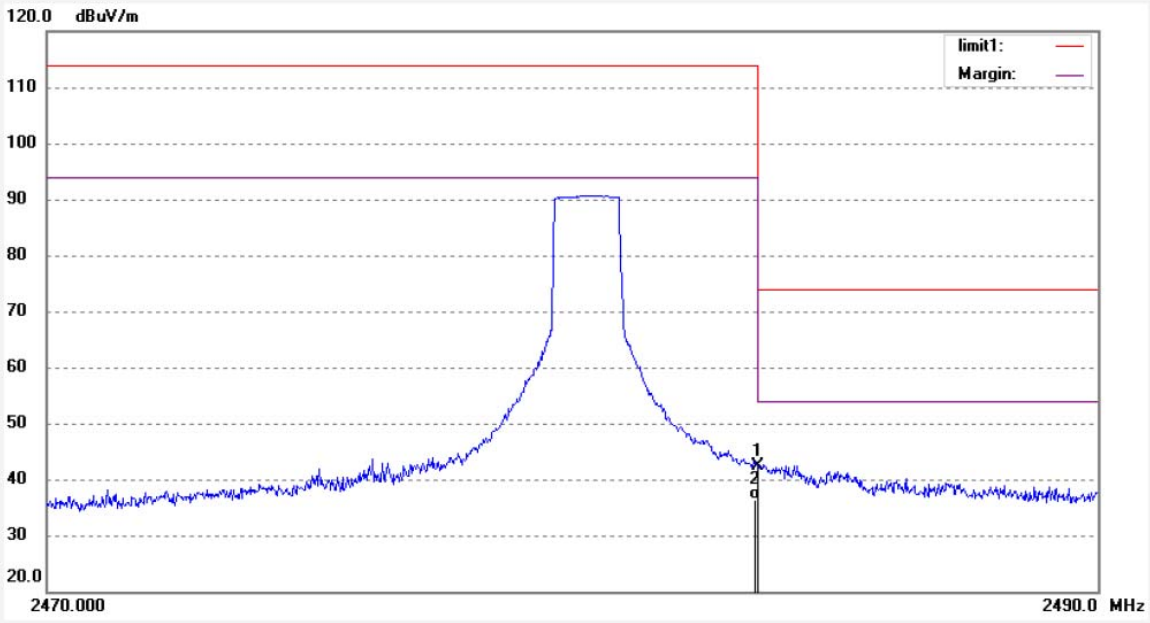
Job No.: RTTE #5656	Polarization: Horizontal
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:30:40
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2480MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



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	49.86	-7.37	42.49	74.00	-31.51	peak			
2	2483.500	43.80	-7.37	36.43	54.00	-7.57	AVG			

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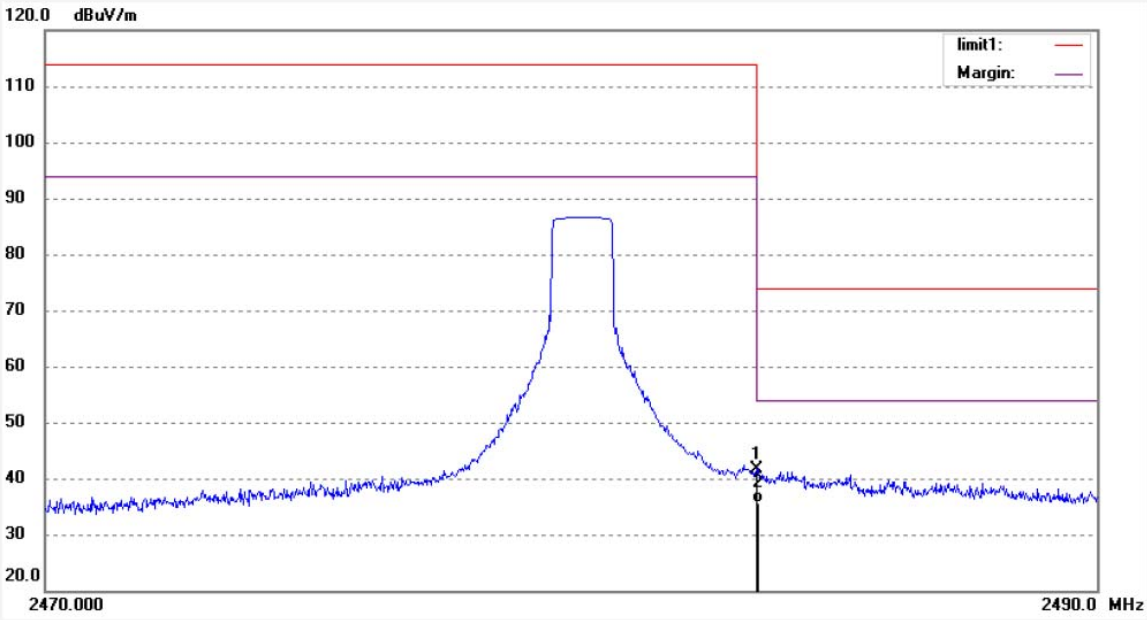
Job No.: RTTE #5655	Polarization: Vertical
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2010/08/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:26:56
EUT: 2.4G Wireless Mouse	Engineer Signature: Joe
Mode: TX 2480MHz	Distance: 3m
Model: XP51001	
Manufacturer: Xoopar Limited	

Note: Sample No.:101916 Report No.:ATE20101674



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	49.00	-7.37	41.63	74.00	-32.37	peak			
2	2483.500	42.93	-7.37	35.56	54.00	-8.44	AVG			