FCC CERTIFICATION
On Behalf of
Shenzhen Kingree Electronic Co., Ltd.

2.4G Wireless Mouse
Model No.: KR-W9002, IH-M170, T137, IH-M330, T122, KR-W5407, KR-W9006, KR-W9005, KR-W9034, KR-W5015

FCC ID: ZV9W9002

Prepared for	:	Shenzhen Kingree Electronic Co., Ltd.
Address	:	3-6F, 70 Building, Bohua Tech Park, Shangwei Industrial Area, Zhangkengjing, Guanlan Street, Shenzhen, China
Prepared by	:	ACCURATE TECHNOLOGY CO. LTD
Address	:	F1, Bldg. A, Changyuan New Material Port, Keyuan Rd. Science & Industry Park, Nanshan, Shenzhen, Guangdong P.R. China
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Report Number	:	ATE20111691
Date of Test	:	August 17, 2011
Date of Report	:	August 17, 2011

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Description Page

Test Report Certification

Applicant	:	Shenzhen Kingree Electronic Co., Ltd.
Manufacturer	:	Shenzhen Kingree Electronic Co., Ltd.
EUT Description	:	2.4G Wireless Mouse

(A) MODEL NO.: KR-W9002, IH-M170, T137, IH-M330, T122, KR-W5407, KR-W9006, KR-W9005, KR-W9034, KR-W5015

(B) SERIAL NO.: N/A

(C) POWER SUPPLY: DC 1.5V ("AA" batteries 1×)

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Section 15.249: 2008
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 17, 2011

Prepared by :

(Engineer)

Approved & Authorized Signer :

(Manager)

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT	:	2.4G Wireless Mouse
Model Number	:	KR-W9002, IH-M170, T137, IH-M330, T122, KR-W5407, KR-W9006, KR-W9005, KR-W9034, KR-W5015 (Note: These samples are identical except the appearance is different. Therefore only model KR-W9002 is tested.)
Power Supply	:	DC 1.5V ("AA" batteries 1×)
Operate Frequency	:	2402.046-2480.047MHz
Applicant	:	Shenzhen Kingree Electronic Co., Ltd.
Address	:	3-6F, 70 Building, Bohua Tech Park, Shangwei Industrial Area, Zhangkengjing, Guanlan Street, Shenzhen, China
Manufacturer	:	Shenzhen Kingree Electronic Co., Ltd.
Address	:	3-6F, 70 Building, Bohua Tech Park, Shangwei Industrial Area, Zhangkengjing, Guanlan Street, Shenzhen, China
Date of sample received	:	August 17, 2011
Date of Test	:	August 17, 2011

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. 15, 2012
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 15, 2012
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 15, 2012
Pre-Amplifier	Rohde&Schwarz	CBLU1183540-01	3791	Jan. 15, 2012
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 15, 2012
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 15, 2012
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 15, 2012
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 15, 2012
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 15, 2012
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 15, 2012

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)

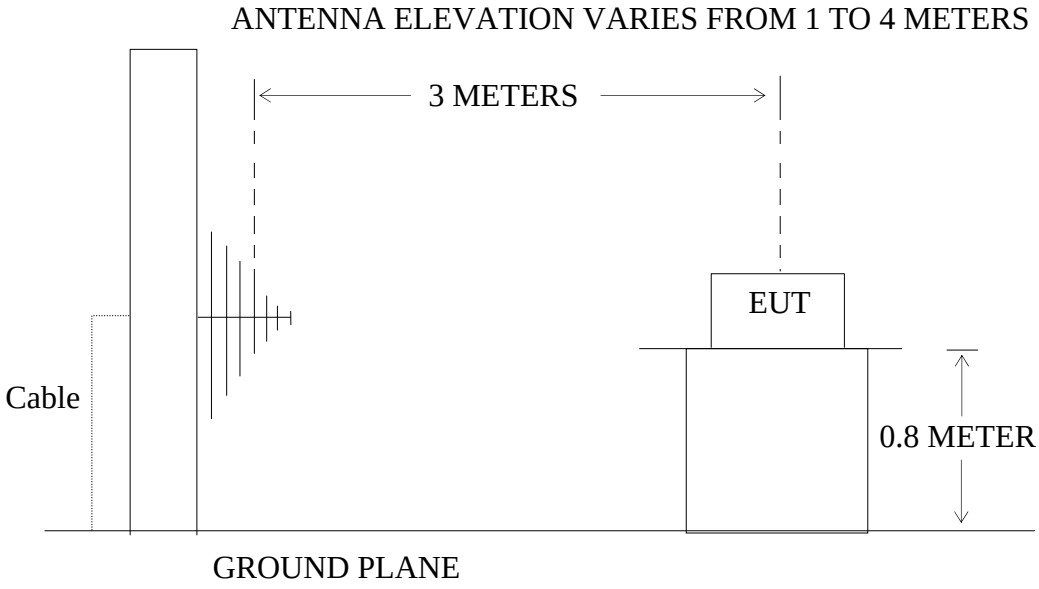
4.1.Block Diagram of Test Setup

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 : KR-W9002
Serial Number : N/A
Manufacturer : Shenzhen Kingree Electronic 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 2402.046 - 2480.047 MHz MHz. We are select 2402.046MHz, 2441.050MHz, 2480.047MHz 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: 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.

4.6. The Field Strength of Radiation Emission Measurement Results

PASS.

Date of Test:	August 17, 2011	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	KR-W9002	Power Supply:	DC 1.5V
Test Mode:	TX 2402.046MHz	Test Engineer:	Pei

Fundamental Radiated Emissions

Frequency	Reading(dBμV/m)		Factor(dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
2402.046	85.44	89.95	-7.45	77.99	82.50	94	114	-16.01	-31.50	Vertical
2402.046	94.04	98.55	-7.45	86.59	91.10	94	114	-7.41	-22.90	Horizontal

Harmonics Radiated Emissions

Frequency	Reading(dBμV/m)		Factor(dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
4804.092	43.59	48.19	-0.30	43.29	47.89	54	74	-10.71	-26.11	Vertical
4804.092	46.33	50.77	-0.30	46.03	50.47	54	74	-7.97	-23.53	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 17, 2011	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	KR-W9002	Power Supply:	DC 1.5V
Test Mode:	TX 2441.050MHz	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	
2441.050	86.12	90.63	-7.35	78.77	83.28	94	114	-15.23	-30.72	Vertical
2441.050	94.32	98.79	-7.35	86.97	91.44	94	114	-7.03	-22.56	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	
4882.098	43.50	47.96	0.14	43.64	48.10	54	74	-10.36	-25.90	Vertical
4882.098	45.71	50.13	0.14	45.85	50.27	54	74	-8.15	-23.73	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 17, 2011	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	KR-W9002	Power Supply:	DC 1.5V
Test Mode:	TX 2480.047MHz	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	
2480.047	86.29	90.81	-7.37	78.92	83.44	94	114	-15.08	-30.56	Vertical
2480.047	94.86	99.35	-7.37	87.49	91.98	94	114	-6.51	-22.02	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	
4960.096	43.24	47.72	0.52	43.76	48.24	54	74	-10.24	-25.76	Vertical
4960.096	45.04	49.55	0.52	45.56	50.07	54	74	-8.44	-23.93	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:

   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)

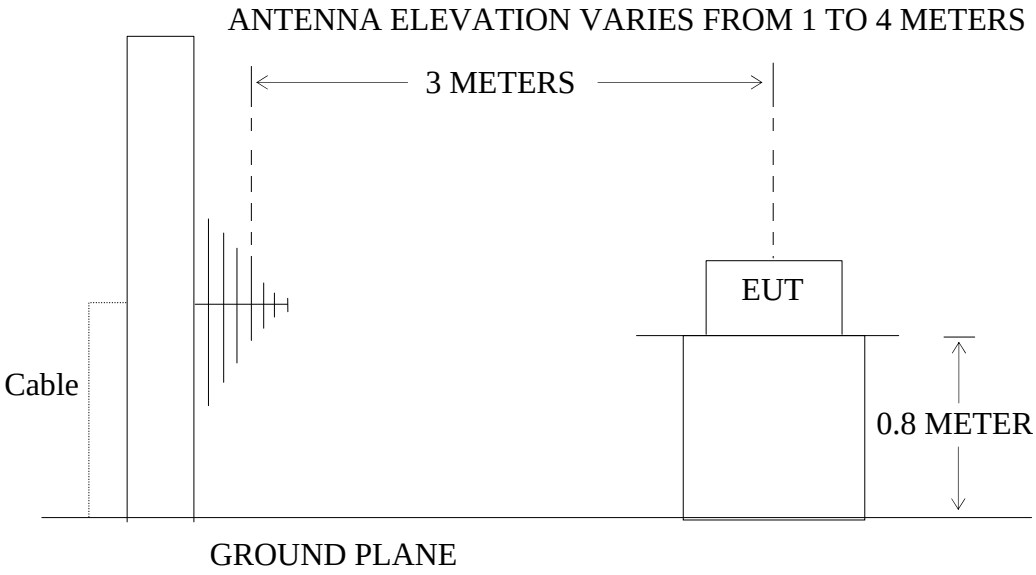
5.1.Block Diagram of Test Setup

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 : KR-W9002
Serial Number : N/A
Manufacturer : Shenzhen Kingree Electronic 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 2402.046 - 2480.047 MHz MHz. We are select 2402.046MHz, 2441.050MHz, 2480.047MHz 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 17, 2011	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	KR-W9002	Power Supply:	DC 1.5V
Test Mode:	TX 2402.046MHz	Test Engineer:	Pei

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 17, 2011	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	KR-W9002	Power Supply:	DC 1.5V
Test Mode:	TX 2441.050MHz	Test Engineer:	Pei

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 17, 2011	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	KR-W9002	Power Supply:	DC 1.5V
Test Mode:	TX 2480.047MHz	Test Engineer:	Pei

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	**:**	KR-W9002
Serial Number	**:**	N/A
Manufacturer	**:**	Shenzhen Kingree Electronic 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 2402.046-2480.047MHz MHz. We are select 2402.046MHz, 2480.047MHz 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 17, 2011	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	KR-W9002	Power Supply:	DC 1.5V
Test Mode:	TX 2402.046MHz	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	
2400.000	39.02	43.45	-7.46	31.56	35.99	54.00	74.00	-22.44	-38.01	Vertical
2400.000	41.46	45.90	-7.46	34.00	38.44	54.00	74.00	-20.00	-35.56	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 17, 2011	Temperature:	25°C
EUT:	2.4G Wireless Mouse	Humidity:	50%
Model No.:	KR-W9002	Power Supply:	DC 1.5V
Test Mode:	TX 2480.047MHz	Test Engineer:	Pei

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	
2483.500	38.05	42.52	-7.37	30.68	35.15	54.00	74.00	-23.32	-38.85	Vertical
2483.500	37.05	42.47	-7.37	29.68	35.10	54.00	74.00	-24.32	-38.90	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.

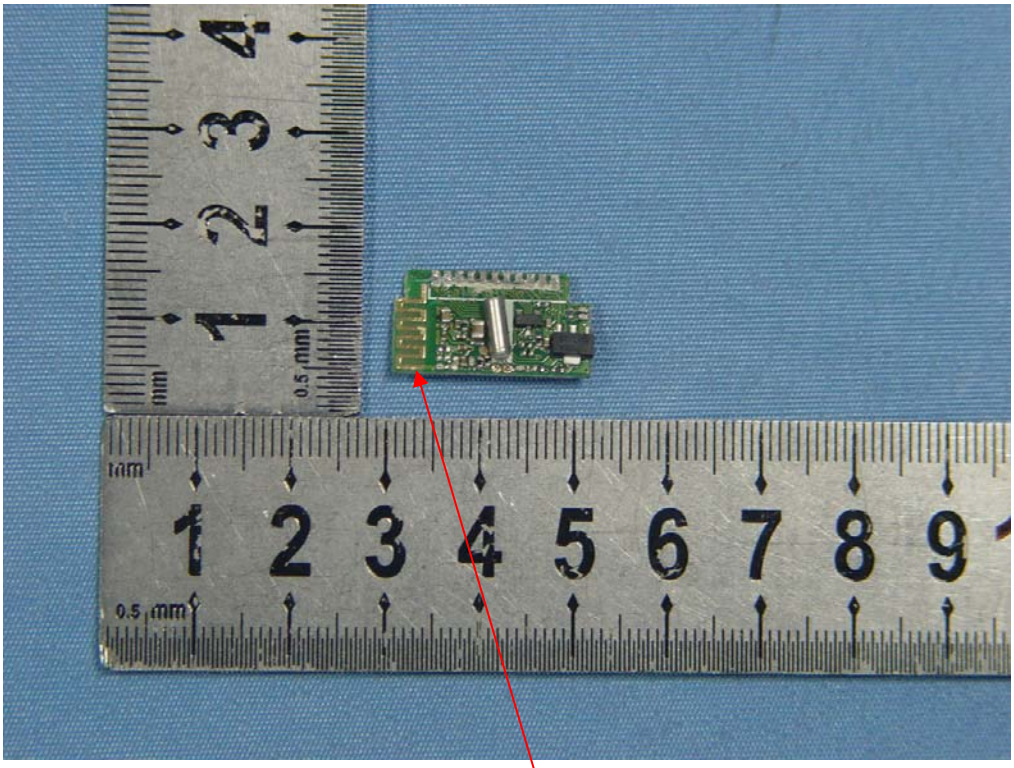
7. ANTENNA REQUIREMENT

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.

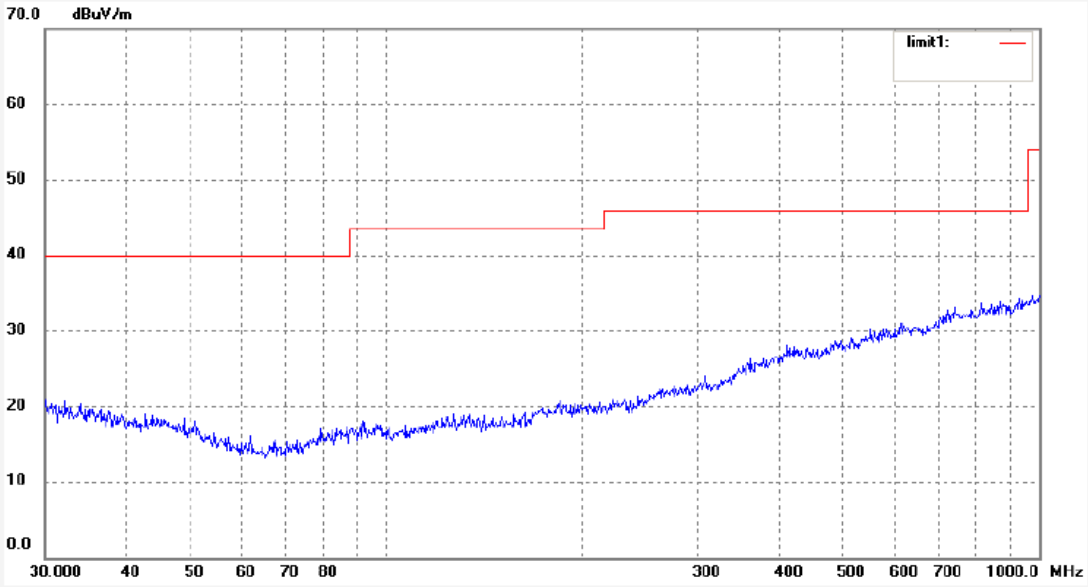


APPENDIX I
(Test Curves)

ACCURATE TECHNOLOGY CO., LTD.
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.: PEI #1790	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 1.5V
Test item: Radiation Test	Date: 2011/08/17
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 9:51:51
EUT: 2.4G wireless mouse	Engineer Signature: PEI
Mode: TX 2402.046MHz	Distance: 3m
Model: KR-W9002	
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd	

Note:

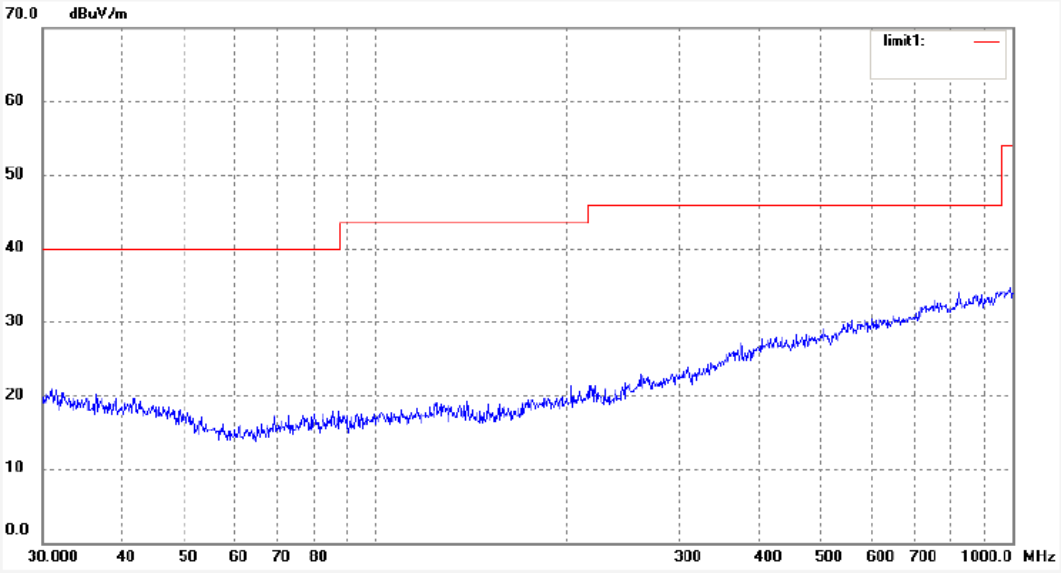


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: PEI #1791	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 1.5V
Test item: Radiation Test	Date: 2011/08/17
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 9:55:18
EUT: 2.4G wireless mouse	Engineer Signature: PEI
Mode: TX 2402.046MHz	Distance: 3m
Model: KR-W9002	
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd	

Note:



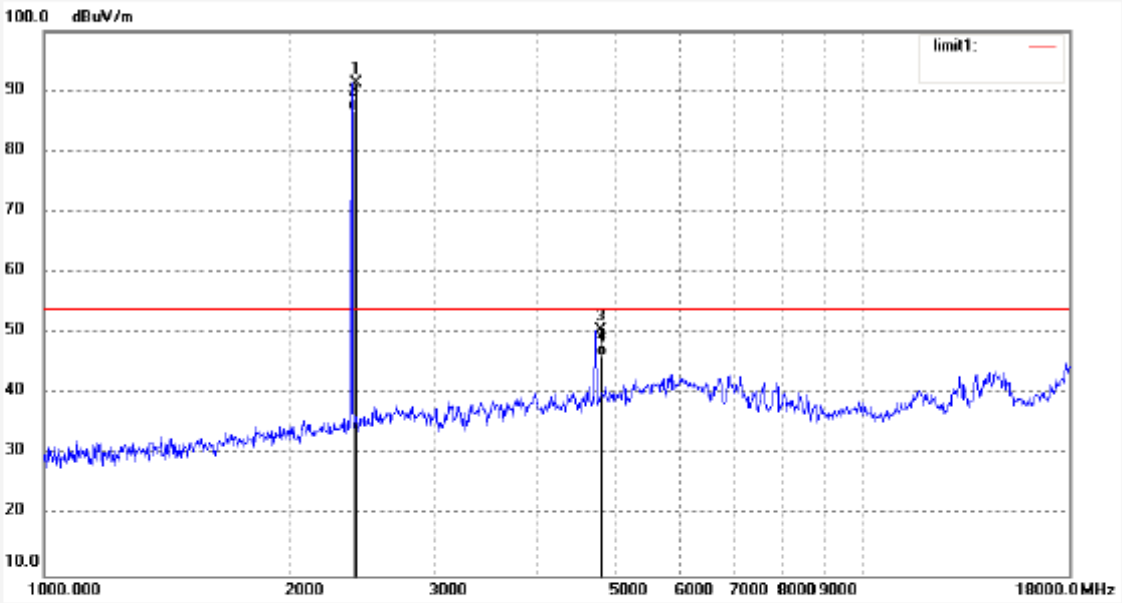
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: PEI #1797
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: 2.4G wireless mouse
Mode: TX 2402.046MHz
Model: KR-W9002
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd

Polarization: Horizontal
Power Source: DC 1.5V
Date: 2011/08/17
Time: 14:41:51
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.046	98.55	-7.45	91.10	114.00	-22.90	peak			
2	2402.046	94.04	-7.45	86.59	94.00	-7.41	AVG			
3	4804.092	50.77	-0.30	50.47	74.00	-23.53	peak			
4	4804.092	46.33	-0.30	46.03	54.00	-7.97	AVG			

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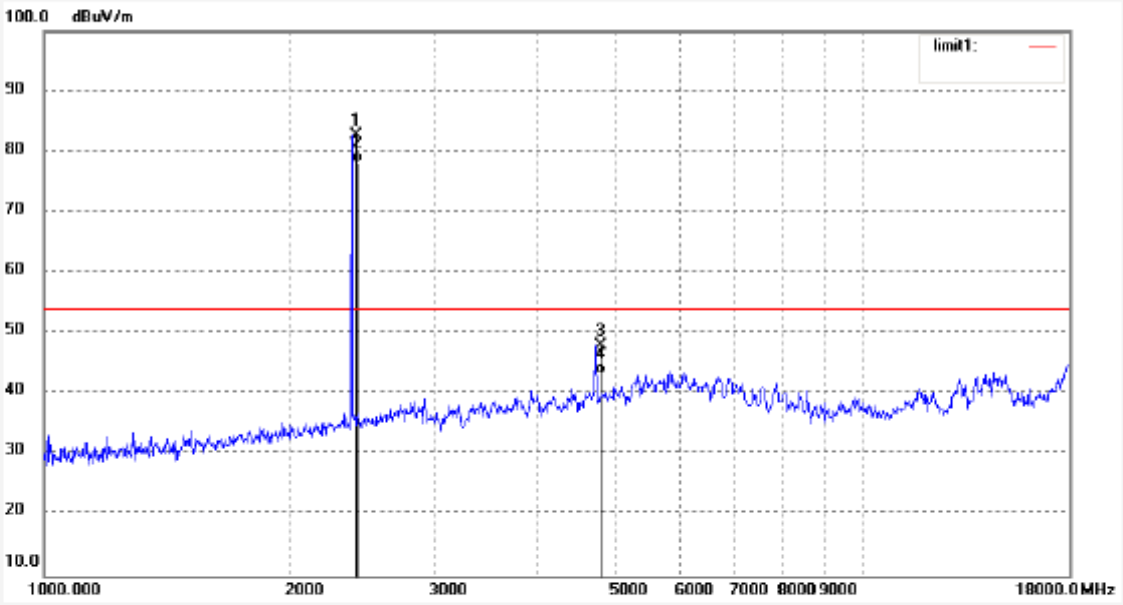
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PEI #1796	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 1.5V
Test item: Radiation Test	Date: 2011/08/17
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 14:38:01
EUT: 2.4G wireless mouse	Engineer Signature: PEI
Mode: TX 2402.046MHz	Distance: 3m
Model: KR-W9002	
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.046	89.95	-7.45	82.50	114.00	-31.50	peak			
2	2402.046	85.44	-7.45	77.99	94.00	-16.01	AVG			
3	4804.092	48.19	-0.30	47.89	74.00	-26.11	peak			
4	4804.092	43.59	-0.30	43.29	54.00	-10.71	AVG			

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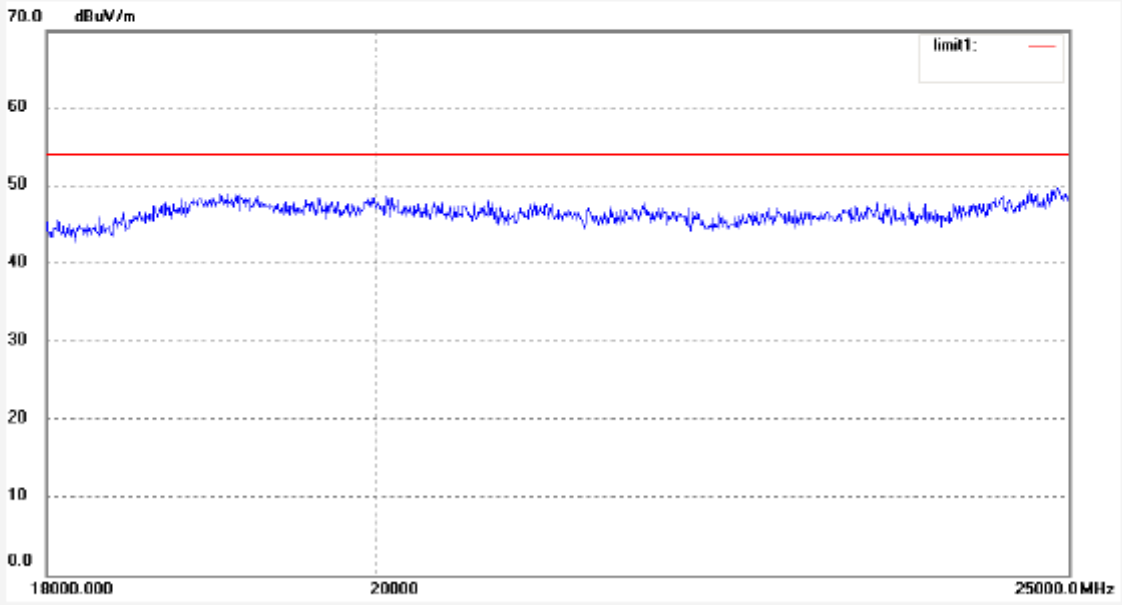
Fax:+86-0755-26503396

Job No.: PEI #1802	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 1.5V
Test item: Radiation Test	Date: 2011/08/17
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 19:11:23
EUT: 2.4G wireless mouse	Engineer Signature: PEI
Mode: TX 2402.046MHz	Distance: 3m
Model: KR-W9002	
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd	

Note:

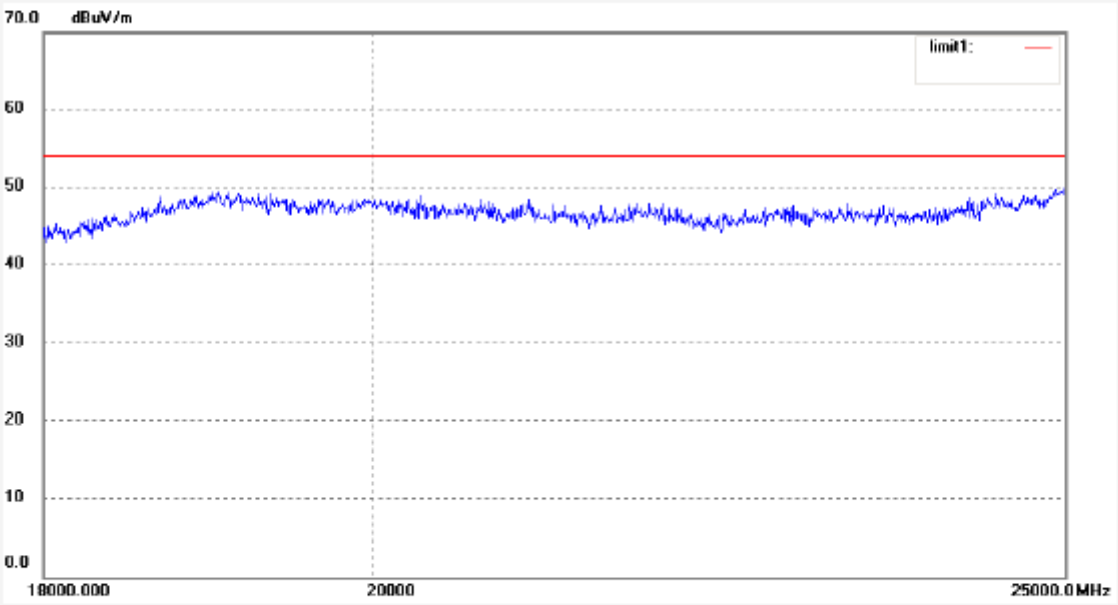


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: PEI #1803	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 1.5V
Test item: Radiation Test	Date: 2011/08/17
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 19:14:56
EUT: 2.4G wireless mouse	Engineer Signature: PEI
Mode: TX 2402.046MHz	Distance: 3m
Model: KR-W9002	
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd	

Note:

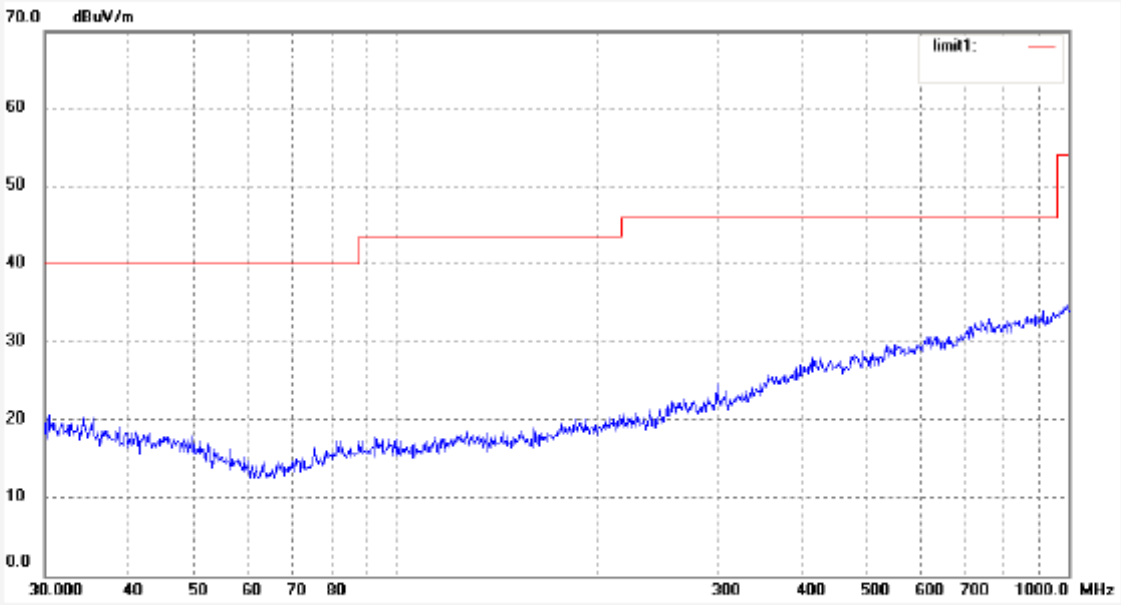


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: PEI #1793	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 1.5V
Test item: Radiation Test	Date: 2011/08/17
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 10:03:15
EUT: 2.4G wireless mouse	Engineer Signature: PEI
Mode: TX 2441.050MHz	Distance: 3m
Model: KR-W9002	
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd	

Note:

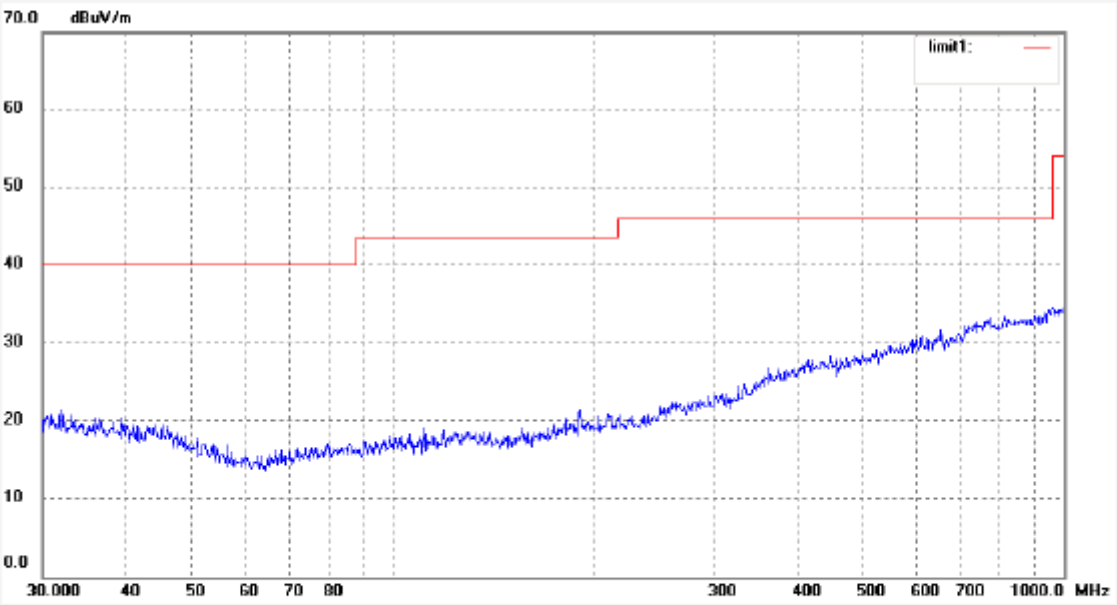


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: PEI #1792	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 1.5V
Test item: Radiation Test	Date: 2011/08/17
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 9:59:46
EUT: 2.4G wireless mouse	Engineer Signature: PEI
Mode: TX 2441.050MHz	Distance: 3m
Model: KR-W9002	
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd	

Note:

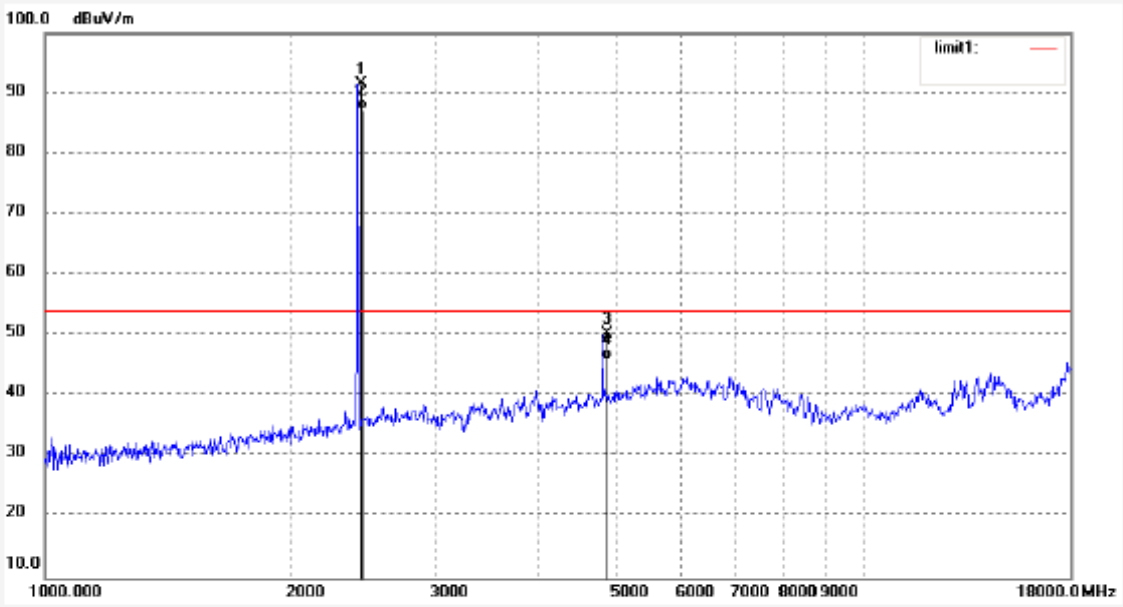


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: PEI #1798	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 1.5V
Test item: Radiation Test	Date: 2011/08/17
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 14:46:45
EUT: 2.4G wireless mouse	Engineer Signature: PEI
Mode: TX 2441.050MHz	Distance: 3m
Model: KR-W9002	
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.050	98.79	-7.35	91.44	114.00	-22.56	peak			
2	2441.050	94.32	-7.35	86.97	94.00	-7.03	AVG			
3	4882.098	50.13	0.14	50.27	74.00	-23.73	peak			
4	4882.098	45.71	0.14	45.85	54.00	-8.15	AVG			

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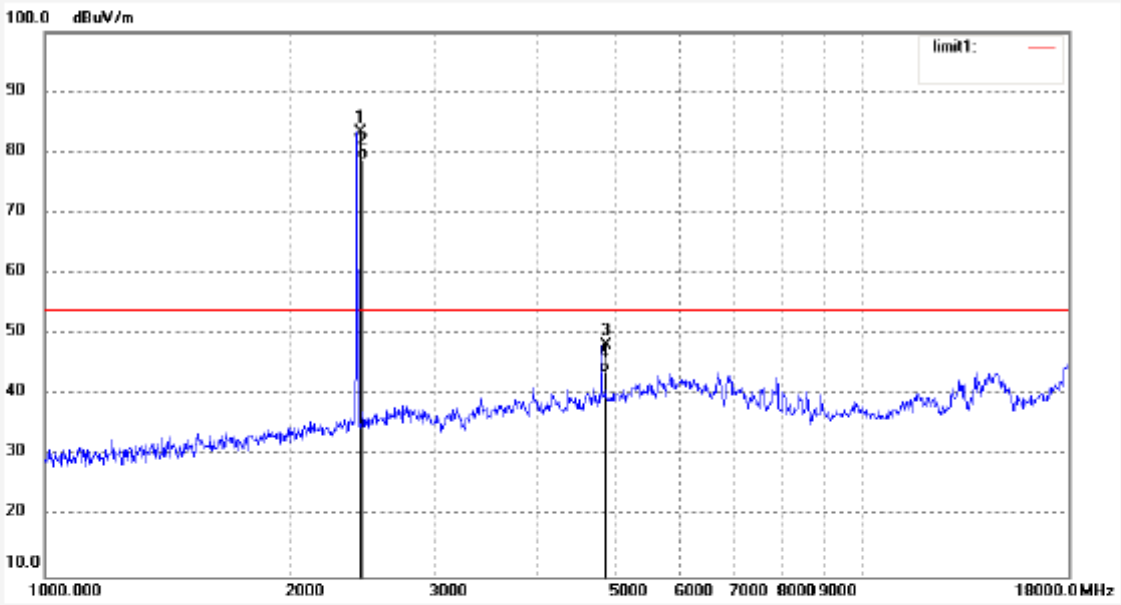
Fax:+86-0755-26503396

Job No.: PEI #1799	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 1.5V
Test item: Radiation Test	Date: 2011/08/17
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 14:50:39
EUT: 2.4G wireless mouse	Engineer Signature: PEI
Mode: TX 2441.050MHz	Distance: 3m
Model: KR-W9002	
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.050	90.63	-7.35	83.28	114.00	-30.72	peak			
2	2441.050	86.12	-7.35	78.77	94.00	-15.23	AVG			
3	4882.098	47.96	0.14	48.10	74.00	-25.90	peak			
4	4882.098	43.50	0.14	43.64	54.00	-10.36	AVG			

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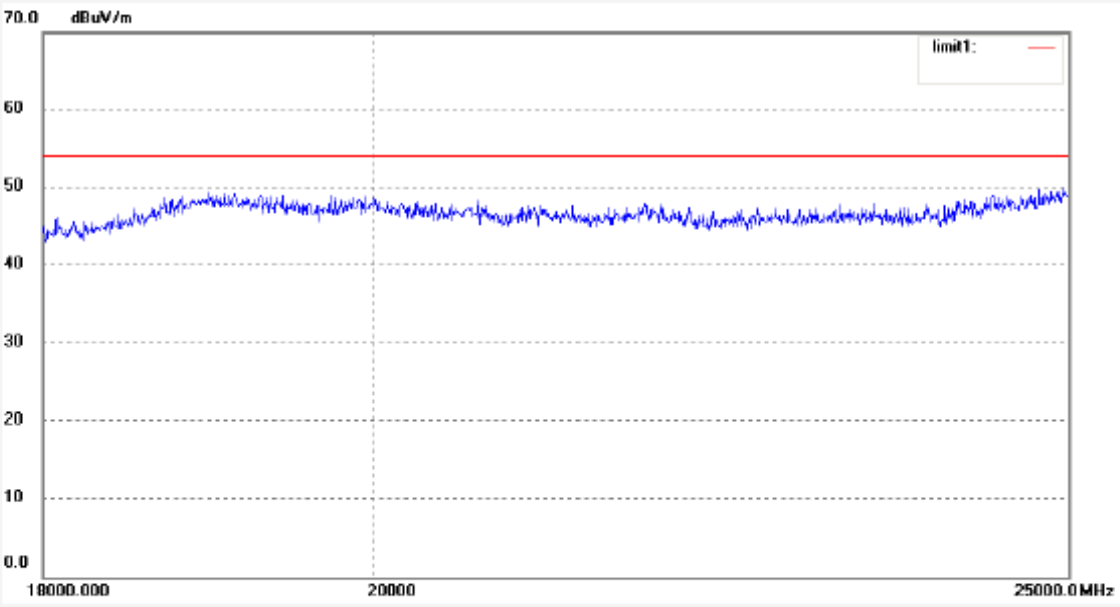
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PEI #1805	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 1.5V
Test item: Radiation Test	Date: 2011/08/17
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 19:22:43
EUT: 2.4G wireless mouse	Engineer Signature: PEI
Mode: TX 2441.050MHz	Distance: 3m
Model: KR-W9002	
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd	

Note:

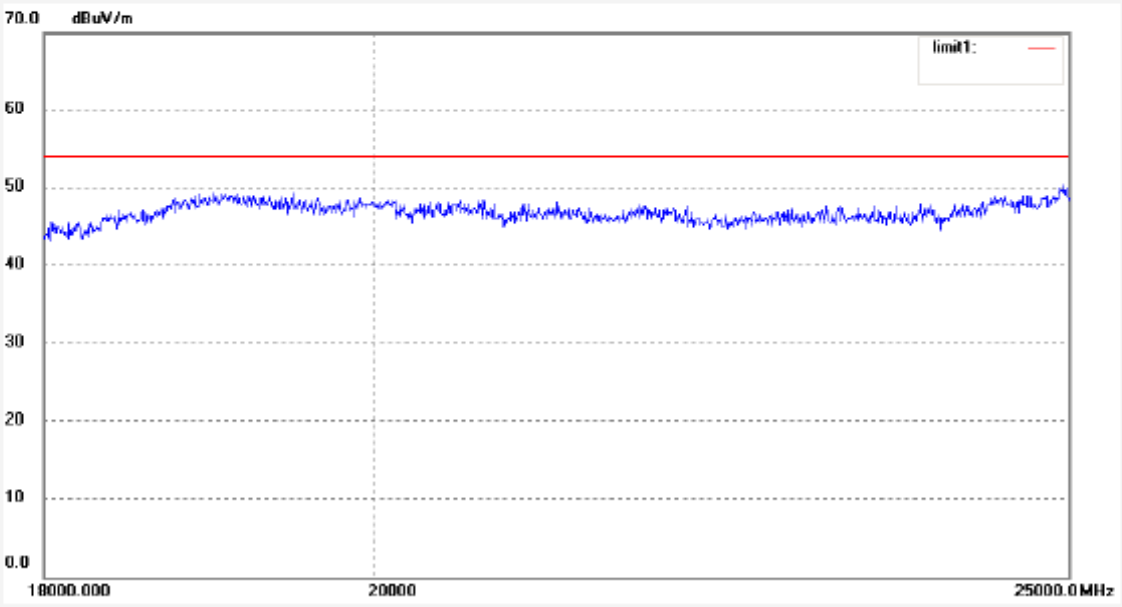


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: PEI #1804	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 1.5V
Test item: Radiation Test	Date: 2011/08/17
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 19:19:14
EUT: 2.4G wireless mouse	Engineer Signature: PEI
Mode: TX 2441.050MHz	Distance: 3m
Model: KR-W9002	
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd	

Note:

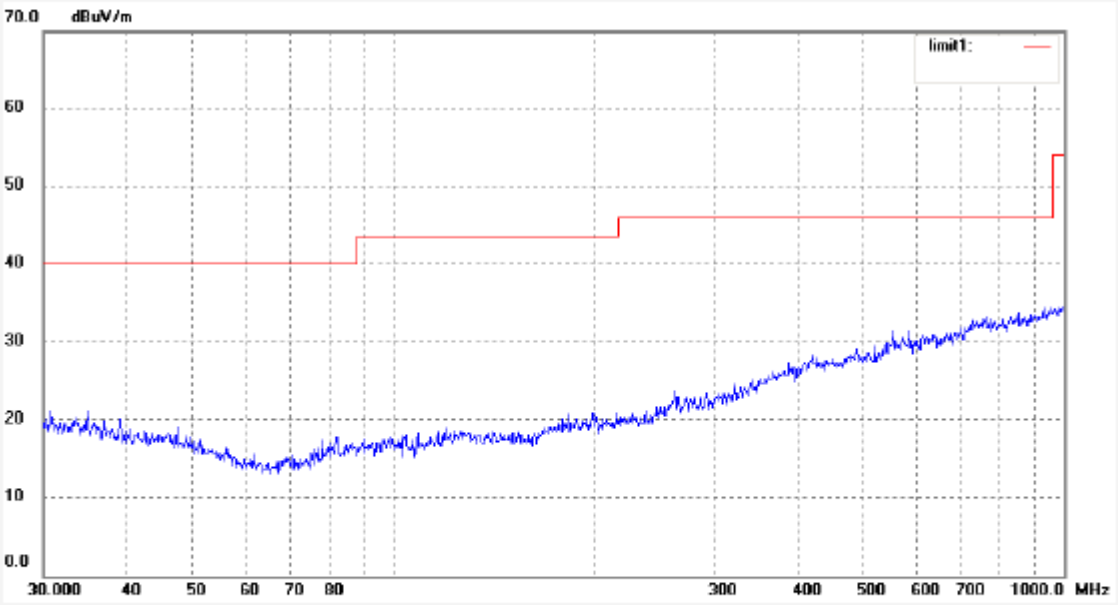


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: PEI #1794	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 1.5V
Test item: Radiation Test	Date: 2011/08/17
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 10:08:28
EUT: 2.4G wireless mouse	Engineer Signature: PEI
Mode: TX 2480.047MHz	Distance: 3m
Model: KR-W9002	
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd	

Note:

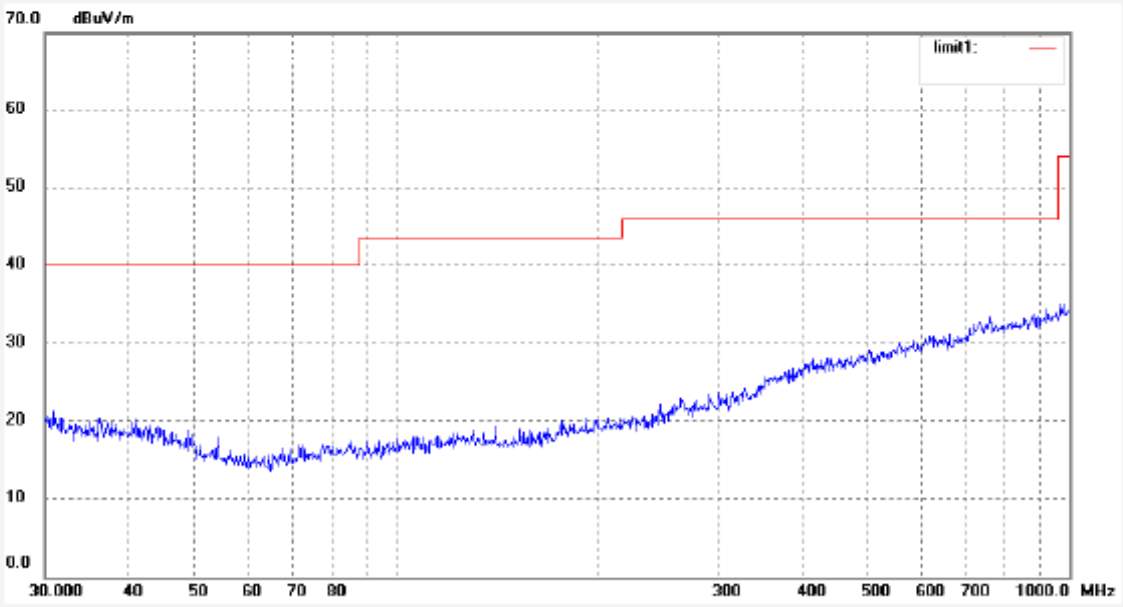


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: PEI #1795	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 1.5V
Test item: Radiation Test	Date: 2011/08/17
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 10:11:52
EUT: 2.4G wireless mouse	Engineer Signature: PEI
Mode: TX 2480.047MHz	Distance: 3m
Model: KR-W9002	
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd	

Note:



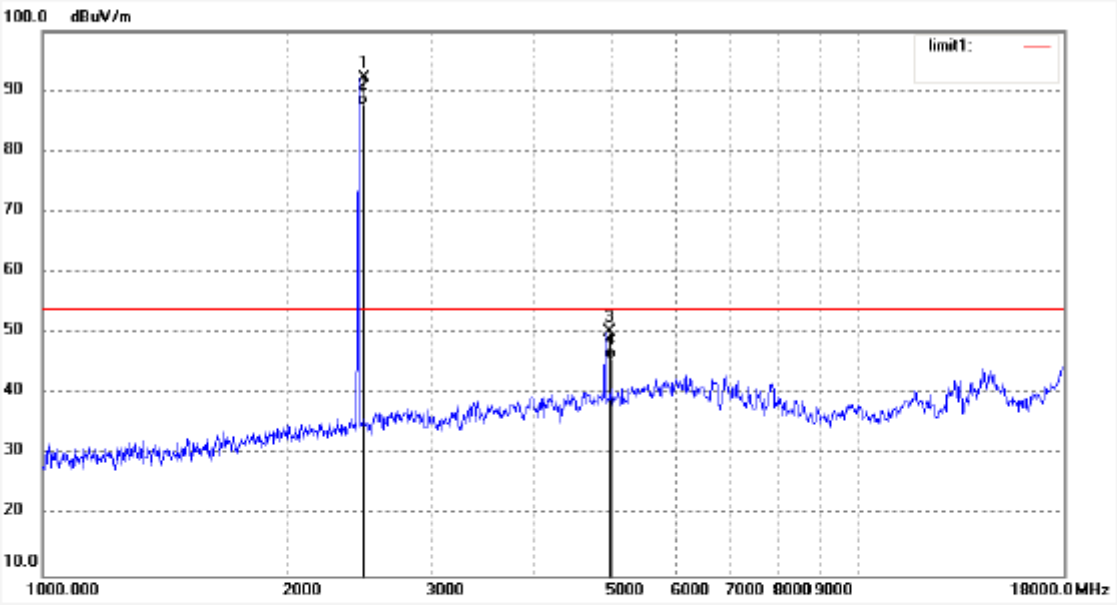
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: PEI #1801
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: 2.4G wireless mouse
Mode: TX 2480.047MHz
Model: KR-W9002
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd

Polarization: Horizontal
Power Source: DC 1.5V
Date: 2011/08/17
Time: 14:59:17
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.047	99.35	-7.37	91.98	114.00	-22.02	peak			
2	2480.047	94.86	-7.37	87.49	94.00	-6.51	AVG			
3	4960.096	49.55	0.52	50.07	74.00	-23.93	peak			
4	4960.096	45.04	0.52	45.56	54.00	-8.44	AVG			

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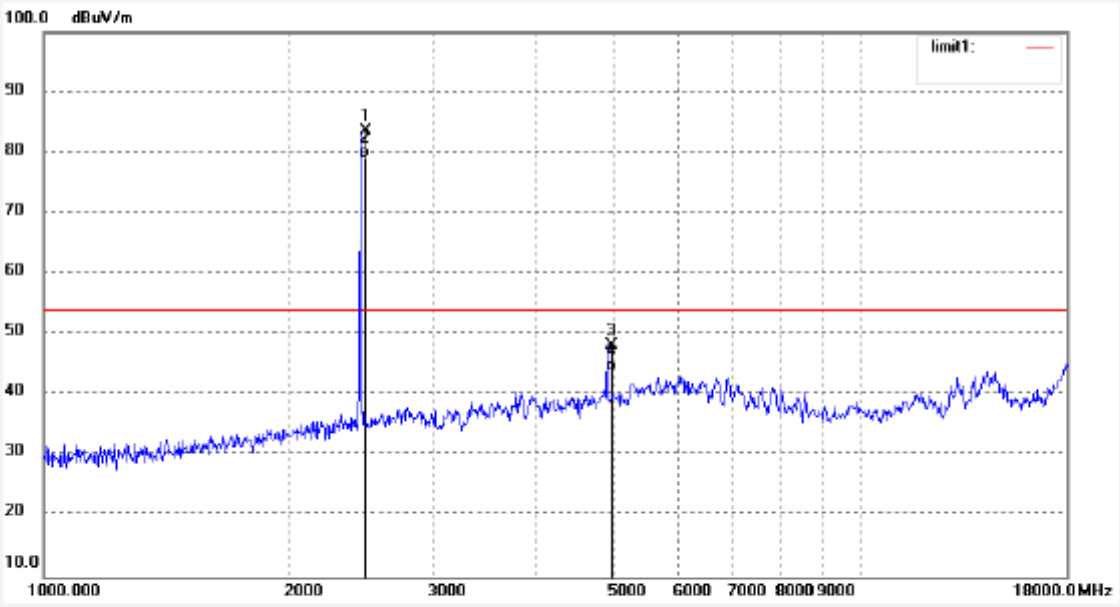
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PEI #1800
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: 2.4G wireless mouse
Mode: TX 2480.047MHz
Model: KR-W9002
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd

Polarization: Vertical
Power Source: DC 1.5V
Date: 2011/08/17
Time: 14:55:23
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.047	90.81	-7.37	83.44	114.00	-30.56	peak			
2	2480.047	86.29	-7.37	78.92	94.00	-15.08	AVG			
3	4960.096	47.72	0.52	48.24	74.00	-25.76	peak			
4	4960.096	43.24	0.52	43.76	54.00	-10.24	AVG			

ACCURATE TECHNOLOGY CO., LTD.
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Site: 966 chamber
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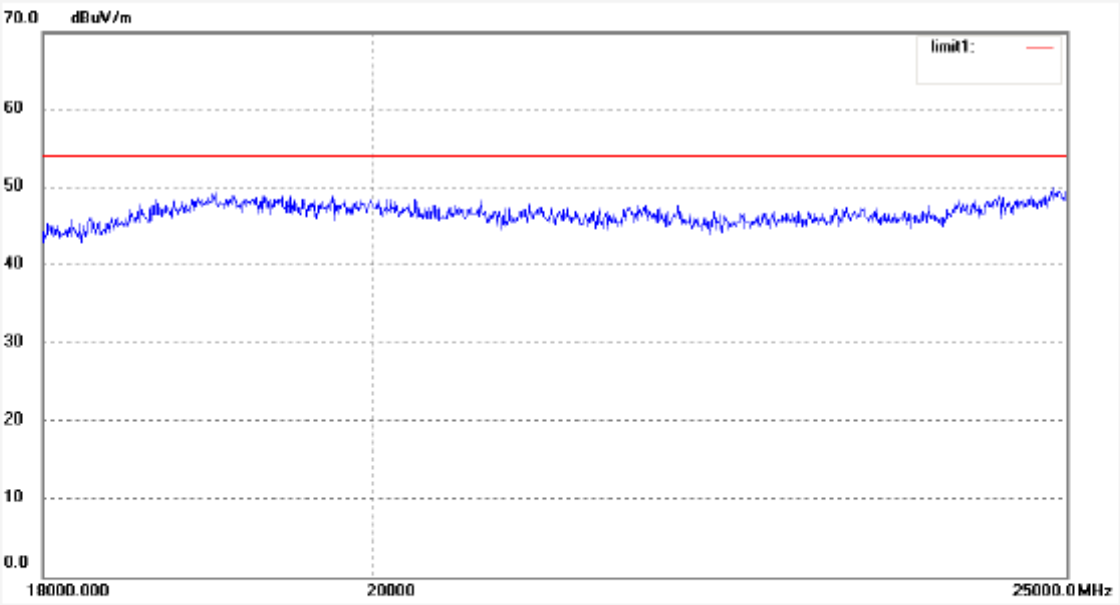
Fax:+86-0755-26503396

Job No.: PEI #1806	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 1.5V
Test item: Radiation Test	Date: 2011/08/17
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 19:26:57
EUT: 2.4G wireless mouse	Engineer Signature: PEI
Mode: TX 2480.047MHz	Distance: 3m
Model: KR-W9002	
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd	

Note:

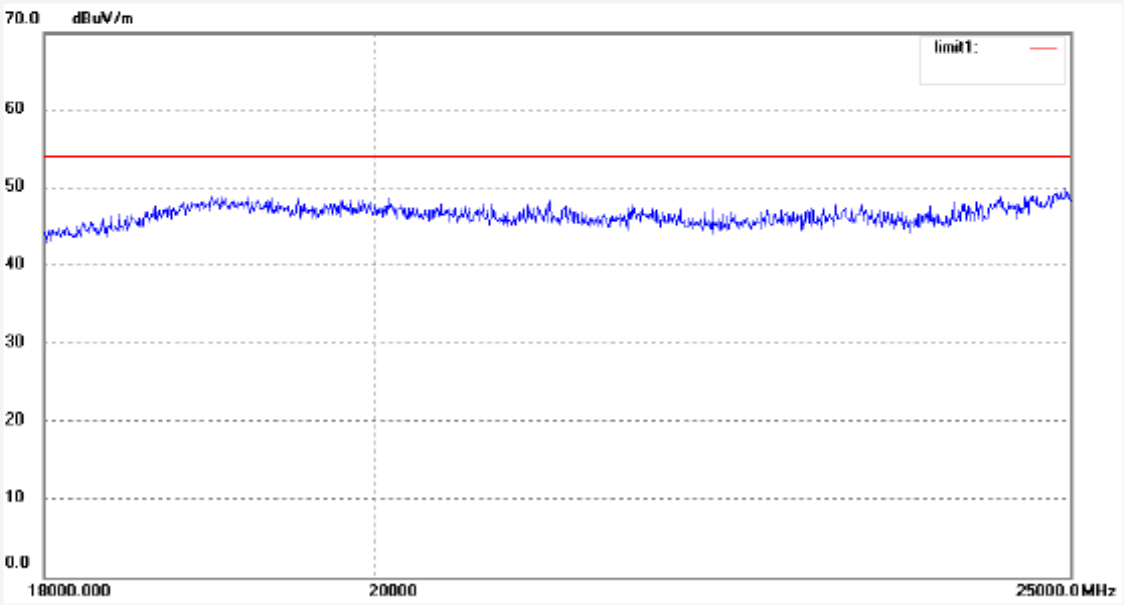


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: PEI #1807	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 1.5V
Test item: Radiation Test	Date: 2011/08/17
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 19:30:28
EUT: 2.4G wireless mouse	Engineer Signature: PEI
Mode: TX 2480.047MHz	Distance: 3m
Model: KR-W9002	
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd	

Note:

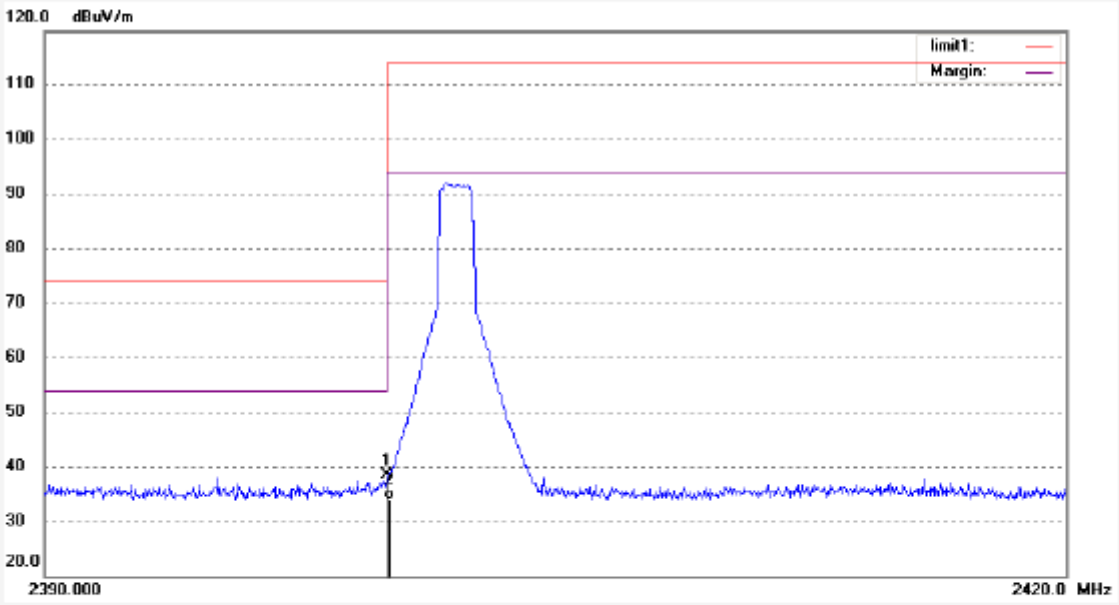


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: PEI #1808	Polarization: Horizontal
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 1.5V
Test item: Radiation Test	Date: 2011/08/17
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 20:05:22
EUT: 2.4G wireless mouse	Engineer Signature: PEI
Mode: TX 2402.046MHz	Distance: 3m
Model: KR-W9002	
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd	

Note:



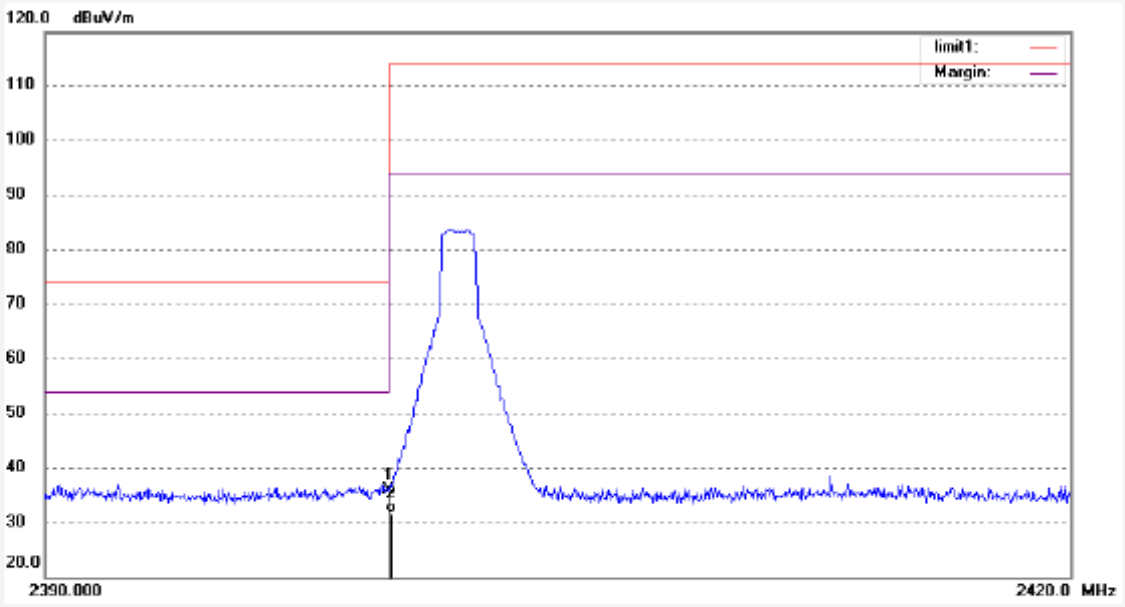
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2400.000	45.90	-7.46	38.44	74.00	-35.56	peak			
2	2400.000	41.46	-7.46	34.00	54.00	-20.00	AVG			

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.: PEI #1809
Standard: FCC Part 15 PEAK 2.4G
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: 2.4G wireless mouse
Mode: TX 2402.046MHz
Model: KR-W9002
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd

Polarization: Vertical
Power Source: DC 1.5V
Date: 2011/08/17
Time: 20:08:53
Engineer Signature: PEI
Distance: 3m

Note:

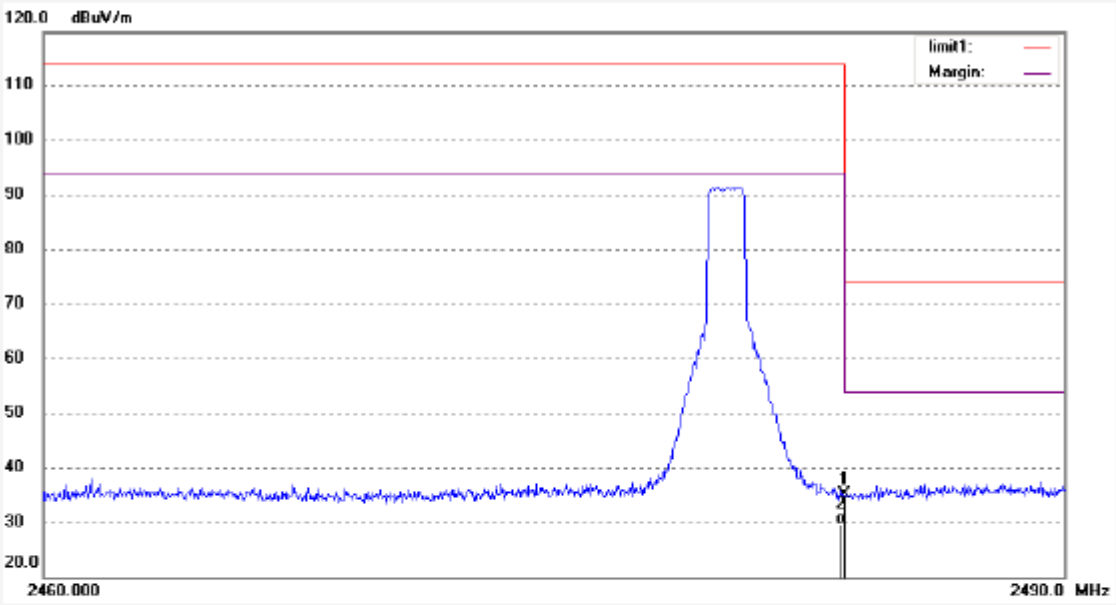


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2400.000	43.45	-7.46	35.99	74.00	-38.01	peak			
2	2400.000	39.02	-7.46	31.56	54.00	-22.44	AVG			

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.: PEI #1801	Polarization: Horizontal
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 1.5V
Test item: Radiation Test	Date: 2011/08/17
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 20:16:58
EUT: 2.4G wireless mouse	Engineer Signature: PEI
Mode: TX 2480.047MHz	Distance: 3m
Model: KR-W9002	
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd	

Note:



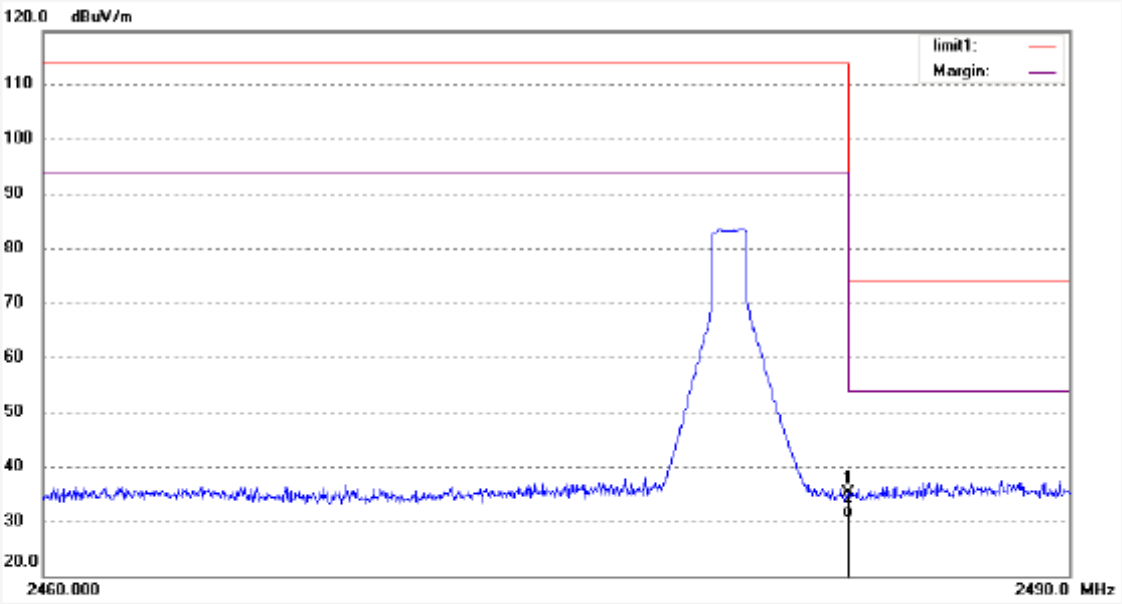
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	42.47	-7.37	35.10	74.00	-38.90	peak			
2	2483.500	37.05	-7.37	29.68	54.00	-24.32	AVG			

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.: PEI #1810
Standard: FCC Part 15 PEAK 2.4G
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: 2.4G wireless mouse
Mode: TX 2480.047MHz
Model: KR-W9002
Manufacturer: Shenzhen Kingree Electronic Co.,Ltd

Polarization: Vertical
Power Source: DC 1.5V
Date: 2011/08/17
Time: 20:13:29
Engineer Signature: PEI
Distance: 3m

Note:



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	42.52	-7.37	35.15	74.00	-38.85	peak			
2	2483.500	38.05	-7.37	30.68	54.00	-23.32	AVG			