

FCC CERTIFICATION
On Behalf of
COMAT ELECTRONIC (SHENZHEN) CO., LTD

2.4G Wireless keyboard
Model No.: CK356G
FCC ID: RTX-CK356G

Prepared for : COMAT ELECTRONIC (SHENZHEN) CO., LTD
Address : NO.2 Lane 1, Xin'an 3rd 28 District Baoan
Prepared by : ACCURATE TECHNOLOGY CO. LTD
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Report Number : ATE20121917
Date of Test : Aug. 17-Aug. 28, 2012
Date of Report : Aug. 28, 2012

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APPENDIX I (TEST CURVES)

Test Report Certification

Applicant : COMAT ELECTRONIC (SHENZHEN) CO., LTD
 Manufacturer : COMAT ELECTRONIC (SHENZHEN) CO., LTD
 EUT Description : 2.4G Wireless keyboard
 (A) MODEL NO.: CK356G
 (B) Trade Name.: COMAT
 (C) POWER SUPPLY: 3V DC (“AAA” batteries 2×)

Measurement Procedure Used:

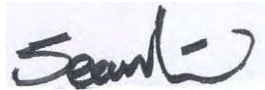
FCC Rules and Regulations Part 15 Subpart C Section 15.249 ANSI C63.4: 2009

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 : Aug. 17-Aug. 28, 2012

Prepared by : 
 (Engineer)

Approved & Authorized Signer : 
 (Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT : 2.4G Wireless keyboard

Model Number : CK356G

Power Supply : 3V DC (“AAA” batteries 2×)

Operate Frequency : 2408-2480MHz

Applicant : COMAT ELECTRONIC (SHENZHEN) CO., LTD

Address : No.2 Lane 1, Xin'an 3rd 28 District Baoan

Manufacturer : COMAT ELECTRONIC (SHENZHEN) CO., LTD

Address : No.2 Lane 1, Xin'an 3rd 28 District Baoan

Date of sample received : Aug. 17, 2012

Date of Test : Aug.17-Aug. 28, 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 date	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 7, 2012	Jan. 7, 2013
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 7, 2012	Jan. 7, 2013
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 7, 2012	Jan. 7, 2013
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	Jan. 7, 2012	Jan. 7, 2013
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 7, 2012	Jan. 7, 2013
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 7, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 7, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 7, 2012	Jan. 7, 2013
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 7, 2012	Jan. 7, 2013
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 7, 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)

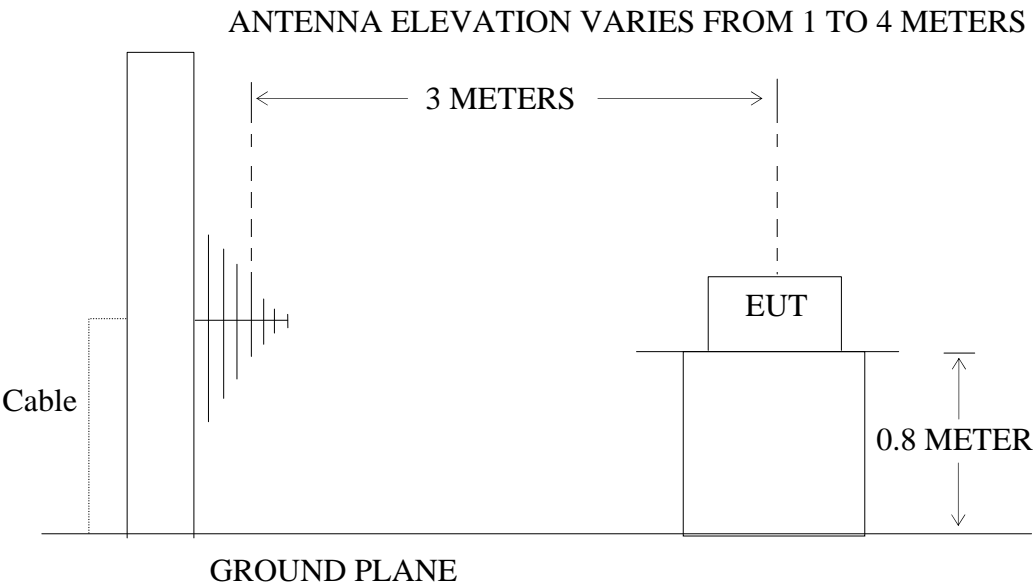
4.1. Block Diagram of Test Setup

4.1.1. Block diagram of connection between the EUT and simulators



(EUT: 2.4G Wireless Keyboard)

4.1.2. Semi-Anechoic Chamber Test Setup Diagram



(EUT: 2.4G Wireless Keyboard)

4.2.The Emission Limit

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

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

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

4.3.Configuration of EUT on Measurement

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

4.3.1. 2.4G Wireless Mouse (EUT)

Model Number : CK356G
 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.. We are select 2408 MHz, 2440MHz and 2474MHz 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 1000 kHz.

4.6. The Field Strength of Radiation Emission Measurement Results

PASS.

Date of Test:	Aug 28, 2012	Temperature:	25°C
EUT:	2.4G Wireless Keyboard	Humidity:	50%
Model No.:	CK356G	Power Supply:	3V DC ("AAA" batteries 2×)
Test Mode:	TX 2408MHz	Test Engineer:	LGWADE

Fundamental Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2408.000	96.14	100.32	-7.44	88.70	92.88	94	114	-5.30	-21.12	Vertical
2408.000	97.74	100.94	-7.44	90.30	93.50	94	114	-3.70	-20.50	Horizontal

Harmonics and spurious 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	
4816.000	52.22	57.40	-0.22	52.00	57.18	54	74	-2.00	-16.82	Vertical
4816.000	52.12	57.41	-0.22	51.90	57.19	54	74	-2.10	-20.50	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:

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

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

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

Date of Test:	Aug 28, 2012	Temperature:	25°C
EUT:	2.4G Wireless Keyboard	Humidity:	50%
Model No.:	CK356G	Power Supply:	3V DC ("AAA" batteries 2×)
Test Mode:	TX 2440MHz	Test Engineer:	LGWADE

Fundamental Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2440.000	91.35	98.87	-7.35	84.00	91.52	94	114	-10.00	-22.48	Horizon
2440.000	92.89	100.89	-7.42	85.54	93.54	94	114	-8.46	-20.46	Vertical

Harmonics and Spurious 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	
4880.000	47.51	51.51	0.13	47.64	51.64	54	74	-6.36	-22.36	Vertical
4880.000	47.44	51.16	0.13	47.57	51.29	54	74	-6.43	-22.71	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:	Aug 28, 2012	Temperature:	25°C
EUT:	2.4G Wireless Keyboard	Humidity:	50%
Model No.:	CM356G	Power Supply:	3V DC ("AAA" batteries 2×)
Test Mode:	TX 2480MHz	Test Engineer:	LGWADE

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	
2480.000	92.09	95.09	-7.37	84.72	87.72	94	114	-9.28	-26.28	Horizon
2480.000	93.91	94.91	-7.37	86.54	87.54	94	114	-7.46	-26.46	Vertical

Harmonics and Spurious 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	
4960.00	50.73	60.73	0.52	51.25	61.25	54	74	-2.75	-12.75	Vertical
4960.00	51.29	53.29	0.52	51.81	53.81	54	74	-2.19	-20.19	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)

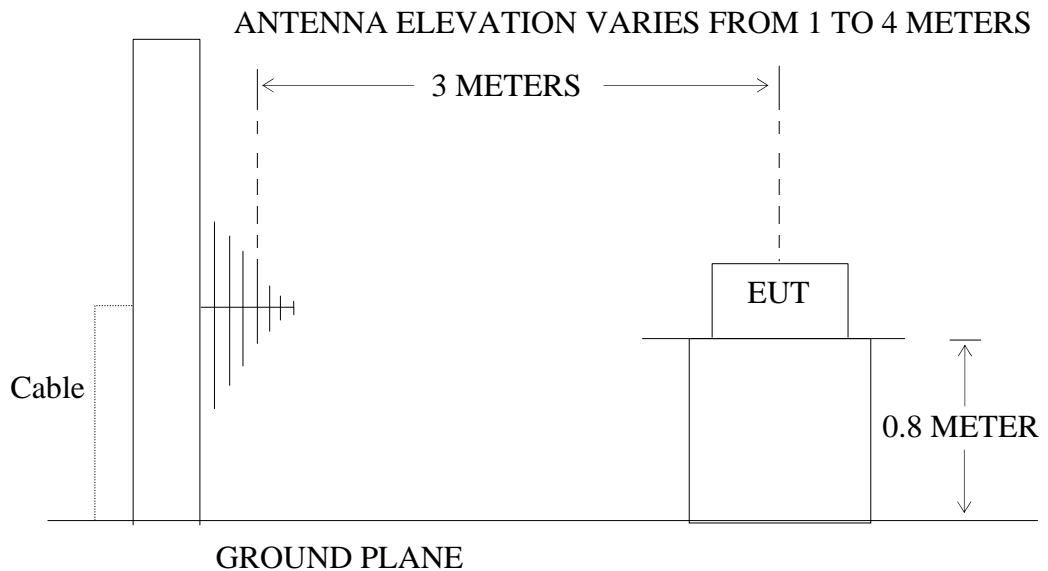
5.1. Block Diagram of Test Setup

5.1.1. Block diagram of connection between the EUT and simulators



(EUT: 2.4G Wireless Keyboard)

5.1.2. Semi-Anechoic Chamber Test Setup Diagram



(EUT: 2.4G Wireless Keyboard)

5.2.The Emission Limit For Section 15.249(d)

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

Radiation Emission Measurement Limits According to Section 15.209

Frequency (MHz)	Limit		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.
	Field Strength of Quasi-peak Value (microvolts/m)	Field Strength of Quasi-peak Value (dBμV/m)	
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 Keyboard (EUT)

Model Number : CK356G
 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 2408-2480MHz. We are select2408MHz, 2440MHz, 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: 2009 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

The bandwidth of test receiver is set at 100 kHz in 30-1000MHz. and set at 1MHz in above 1000MHz.

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

The final measurement in band 9-90 kHz, 110-490 kHz 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:	Aug 28, 2012	Temperature:	25°C
EUT:	2.4G Wireless Keyboard	Humidity:	50%
Model No.:	CK356G	Power Supply:	3V DC (“AAA” batteries 2×)
Test Mode:	TX 2408MHz	Test Engineer:	Ricky

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
236.7928	9.61	16.80	26.41	46.00	-19.59	Vertical
259.4433	11.41	18.52	29.93	46.00	-16.07	Vertical
298.5932	17.14	18.64	35.78	46.00	-10.22	Vertical
226.2202	18.06	15.91	33.97	46.00	-12.03	Horizontal
285.2611-	22.32	18.46	40.78	46.00	-5.22	Horizontal
298.5932	24.32	18.64	42.96	46.00	-3.04	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:	Aug 28, 2012	Temperature:	25°C
EUT:	2.4G Wireless Keyboard	Humidity:	50%
Model No.:	CK356G	Power Supply:	3V DC (“AAA” batteries 2×)
Test Mode:	TX 2440MHz	Test Engineer:	Ricky

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
236.7928	10.04	16.80	26.84	46.00	-19.16	Vertical
259.4433	11.42	18.52	29.94	46.00	-16.06	Vertical
298.5932	16.14	18.64	34.78	46.00	-11.22	Vertical
236.7927	22.86	16.80	39.66	46.00	-6.34	Horizontal
259.4433	21.78	18.52	40.30	46.00	-5.70	Horizontal
298.5932	23.83	18.64	42.47	46.00	-3.53	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:

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

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.

Date of Test:	Aug 28, 2012	Temperature:	25°C
EUT:	2.4G Wireless Keyboard	Humidity:	50%
Model No.:	CK356G	Power Supply:	3V DC ("AAA" batteries 2×)
Test Mode:	TX 2480MHz	Test Engineer:	Ricky

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
216.1197	9.57	14.79	24.36	46.00	-21.64	Vertical
236.7928	13.48	16.80	30.28	46.00	-15.72	Vertical
259.4433	15.13	18.52	33.65	46.00	-12.35	Vertical
259.4433	22.53	18.52	41.05	46.00	-4.95	Horizontal
285.2611	23.02	18.46	41.48	46.00	-4.52	Horizontal
298.5932	23.49	18.64	42.13	46.00	-3.87	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	:	CK356G
Serial Number	:	N/A
Manufacturer	:	COMAT ELECTRONIC (SHENZHEN) CO.,LTD

6.3.Operating Condition of EUT

6.3.1.Setup the EUT and simulator as shown as Section 4.1.

6.3.2.Turn on the power of all equipment.

6.3.3. Let the EUT work in TX modes measure it. The transmit frequency are 2408-2480MHz. We are select 240/MHz and 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:

6.5.The Measurement Result

Pass.

Date of Test:	Aug 28, 2012	Temperature:	25°C
EUT:	2.4G Wireless Keyboard	Humidity:	50%
Model No.:	CK356G	Power Supply:	3V DC (“AAA” batteries 2×)
Test Mode:	TX 2408MHz	Test Engineer:	Ricky

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	49.77	51.69	-7.46	42.31	44.23	54	74	-11.69	-29.77	Vertical
2400.000	49.71	51.88	-7.46	42.25	44.42	54	74	-11.75	-29.58	Horizontal
2395.245	58.26	64.26	-7.49	50.77	56.77	54	74	-3.23	-17.23	Vertical
2395.245	57.16	63.16	-7.46	49.67	55.67	54	74	-4.33	-18.33	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 QP (up to 1G) and peak (above 1G) values.

Date of Test:	Aug 28, 2012	Temperature:	25°C
EUT:	2.4G Wireless Keyboard	Humidity:	50%
Model No.:	CK356G	Power Supply:	3V DC ("AAA" batteries 2×)
Test Mode:	TX 2480MHz	Test Engineer:	Ricky

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	45.47	47.47	-7.37	38.10	40.10	54	74	-15.90	-33.90	Vertical
2483.500	47.90	50.00	-7.37	40.53	42.63	54	74	-13.47	-31.37	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 QP (up to 1G) and peak (above 1G) values.

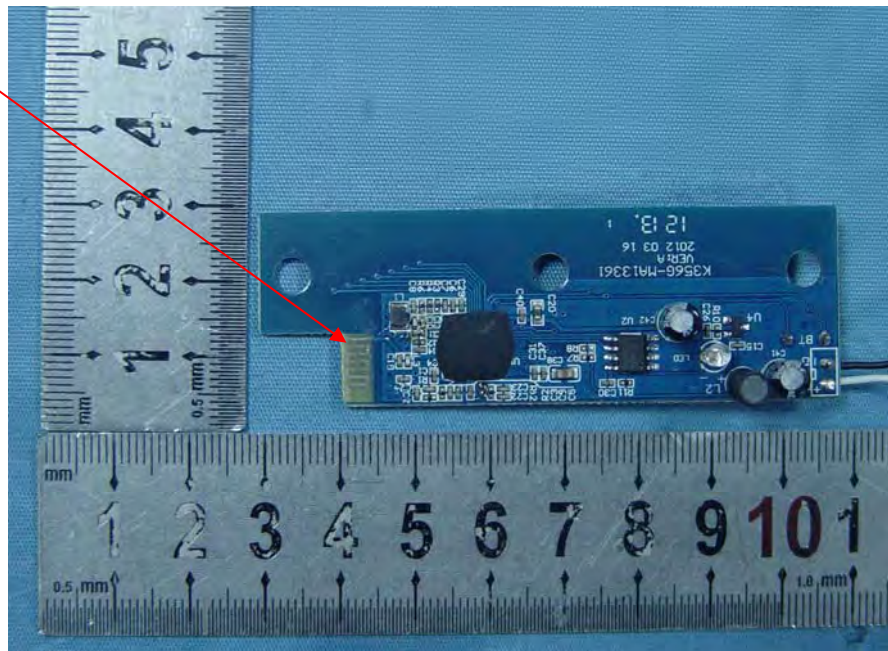
7. ANTENNA REQUIREMENT

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

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.: RUCKY #31

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 2.4G Wireless keyb

Mode: TRANSMITTING(2408MHz)

Model: CK365G

Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Horizontal

Power Source: DC 3V

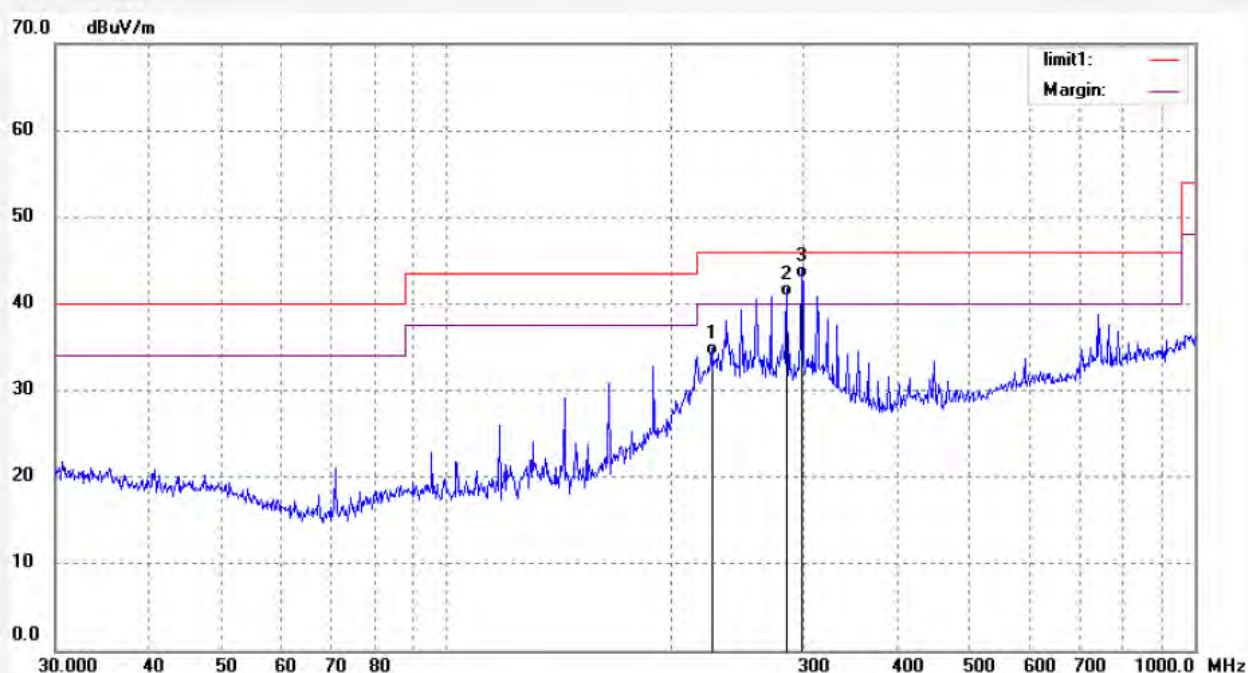
Date: 12/08/28/

Time: 0/43/22

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20121917



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	226.2202	18.06	15.91	33.97	46.00	-12.03	QP			
2	285.2611	22.32	18.46	40.78	46.00	-5.22	QP			
3	298.5932	24.32	18.64	42.96	46.00	-3.04	QP			



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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.: RUCKY #32

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 2.4G Wireless keyb

Mode: TRANSMITTING(2408MHz)

Model: CK365G

Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Vertical

Power Source: DC 3V

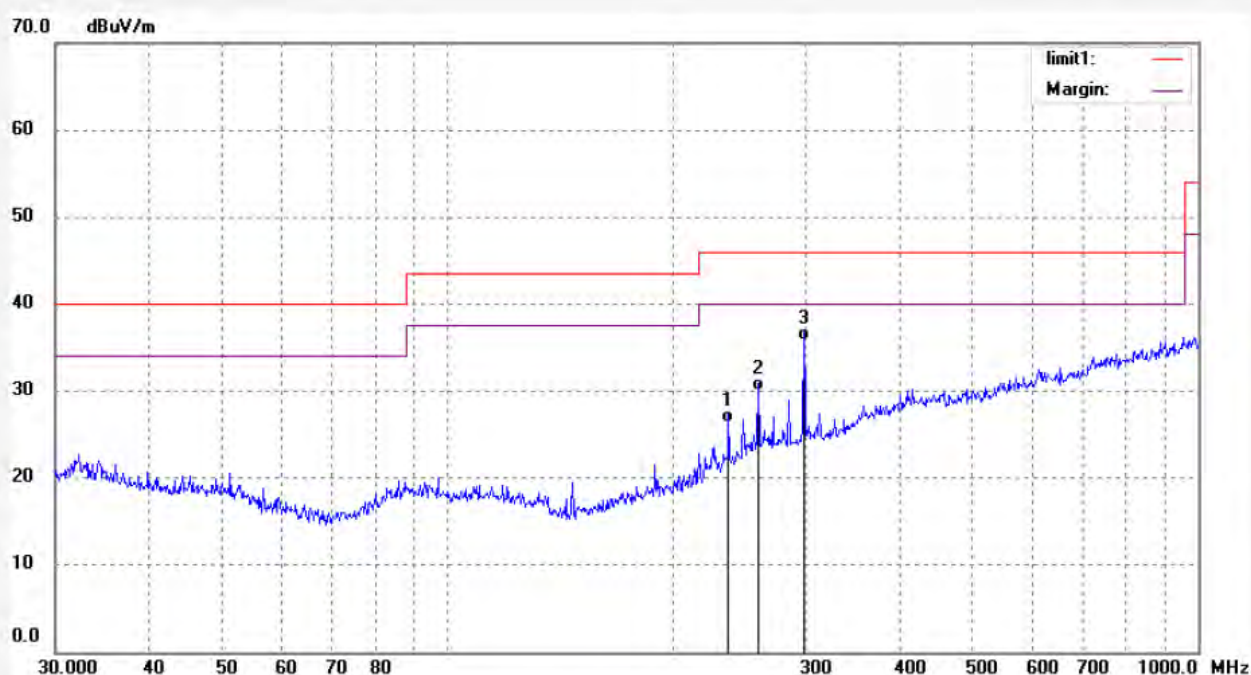
Date: 12/08/28/

Time: 0/48/29

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20121917



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	236.7928	9.61	16.80	26.41	46.00	-19.59	QP			
2	259.4433	11.41	18.52	29.93	46.00	-16.07	QP			
3	298.5932	17.14	18.64	35.78	46.00	-10.22	QP			



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

Job No.: RUCKY #33

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 2.4G Wireless keyb

Mode: TRANSMITTING(2440MHz)

Model: CK365G

Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Vertical

Power Source: DC 3V

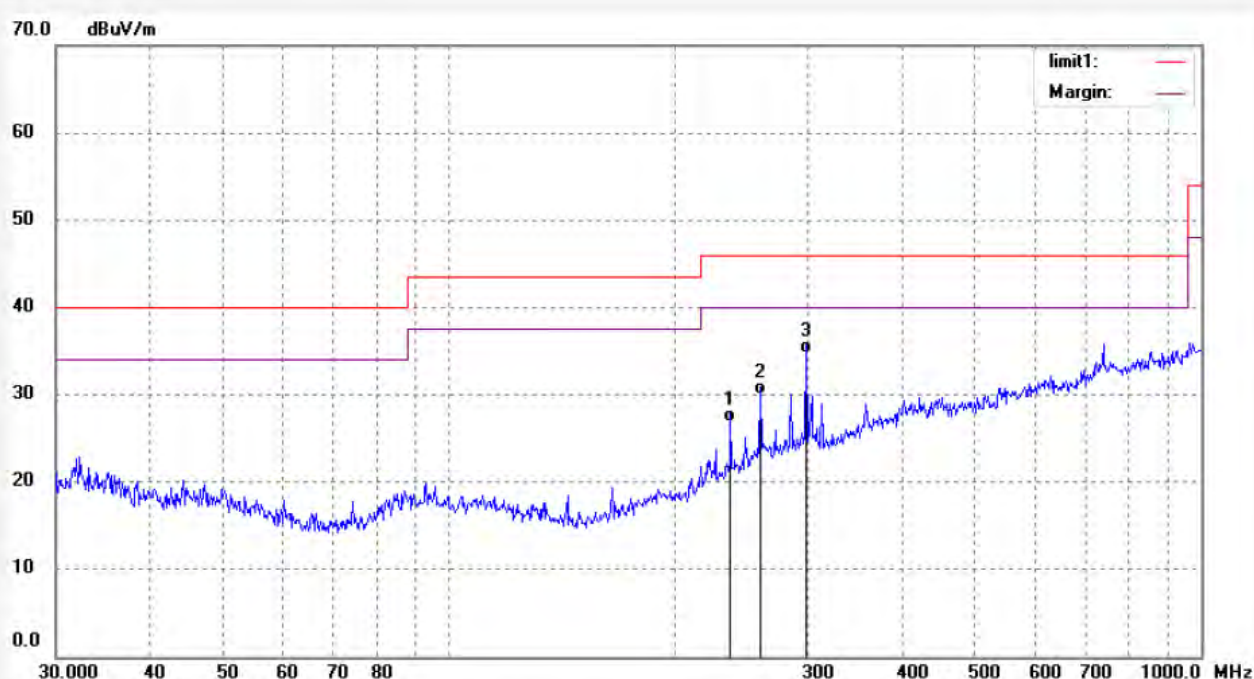
Date: 12/08/28/

Time: 0/59/25

Engineer Signature: Ricky

Distance: 3m

Note: Report No.: ATE20121917



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	236.7928	10.04	16.80	26.84	46.00	-19.16	QP			
2	259.4433	11.42	18.52	29.94	46.00	-16.06	QP			
3	298.5932	16.14	18.64	34.78	46.00	-11.22	QP			



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Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: RUCKY #34

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 2.4G Wireless keyb

Mode: TRANSMITTING(2440MHz)

Model: CK365G

Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Horizontal

Power Source: DC 3V

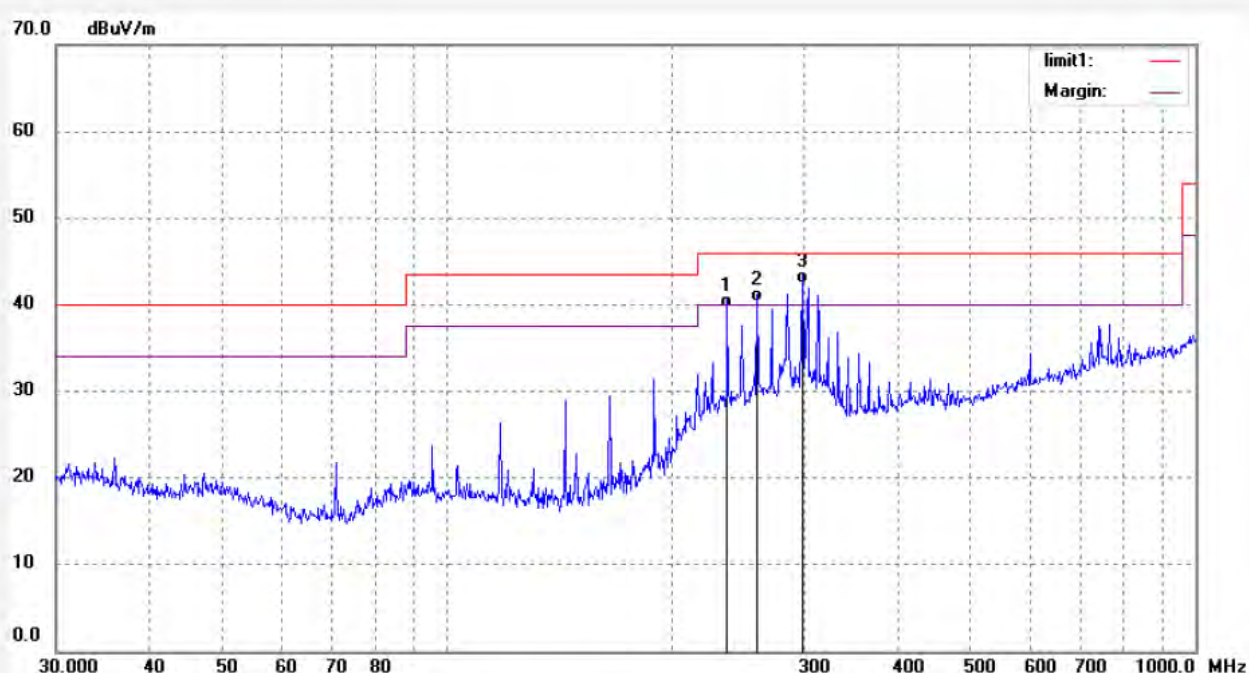
Date: 12/08/28/

Time: 1/02/41

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20121917



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	236.7927	22.86	16.80	39.66	46.00	-6.34	QP			
2	259.4433	21.78	18.52	40.30	46.00	-5.70	QP			
3	298.5932	23.83	18.64	42.47	46.00	-3.53	QP			



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

Job No.: RUCKY #36

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 2.4G Wireless keyb

Mode: TRANSMITTING(2480MHz)

Model: CK365G

Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Horizontal

Power Source: DC 3V

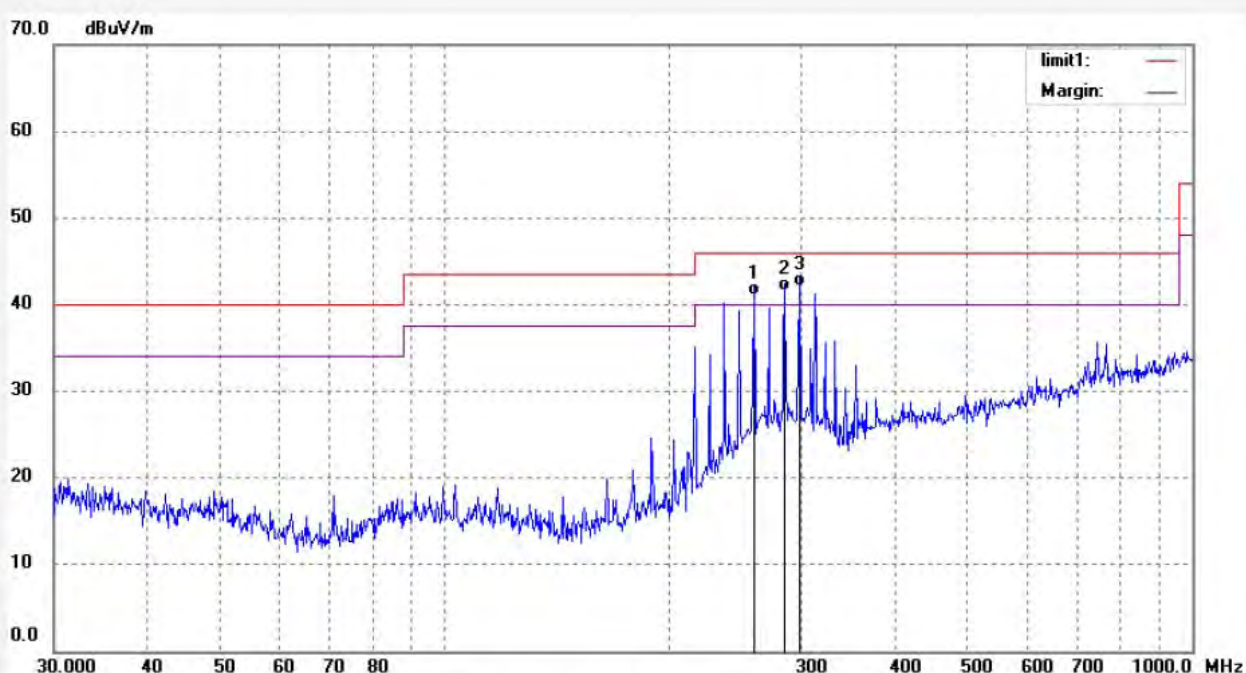
Date: 12/08/28/

Time: 1/06/01

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20121917



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	259.4433	22.53	18.52	41.05	46.00	-4.95	QP			
2	285.2611	23.02	18.46	41.48	46.00	-4.52	QP			
3	298.5932	23.49	18.64	42.13	46.00	-3.87	QP			



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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.: RUCKY #37

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 2.4G Wireless keyb

Mode: TRANSMITTING(2480MHz)

Model: CK365G

Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Vertical

Power Source: DC 3V

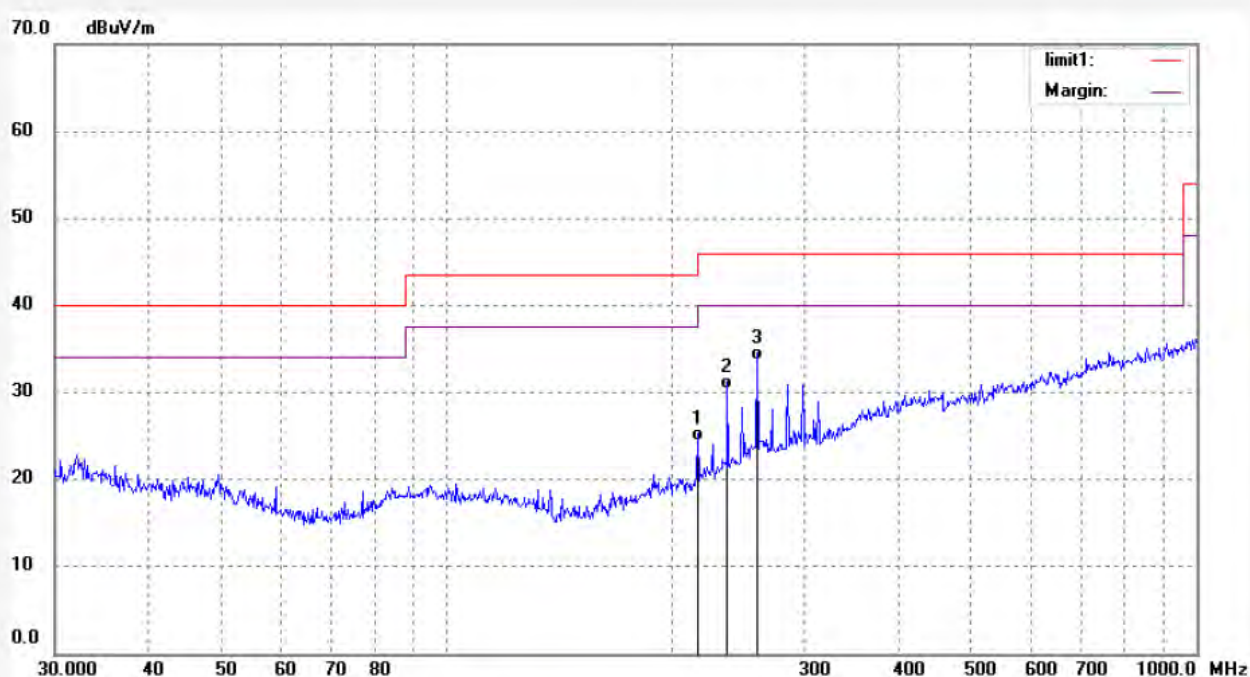
Date: 12/08/28/

Time: 1/09/47

Engineer Signature: Ricky

Distance: 3m

Note: Report No.: ATE20121917



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	216.1197	9.57	14.79	24.36	46.00	-21.64	QP			
2	236.7928	13.48	16.80	30.28	46.00	-15.72	QP			
3	259.4433	15.13	18.52	33.65	46.00	-12.35	QP			



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

Job No.: RUCKY #38

Standard: FCC 15C PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 2.4G Wireless keyb

Mode: TRANSMITTING(2408MHz)

Model: CK365G

Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Vertical

Power Source: DC 3V

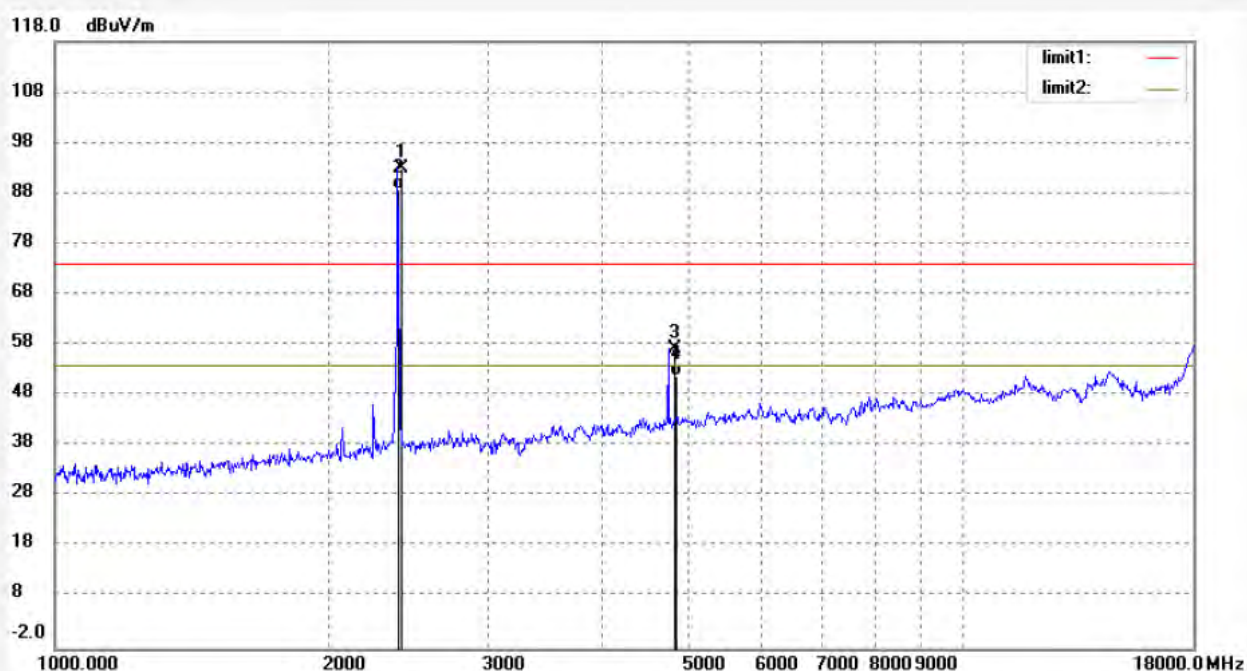
Date: 12/08/28/

Time: 1/15/52

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20121917



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2408.000	100.32	-7.44	92.88	114.00	-21.12	peak			
2	2408.000	96.14	-7.44	88.70	94.00	-5.30	AVG			
3	4816.000	57.40	-0.22	57.18	74.00	-16.82	peak			
4	4816.000	52.22	-0.22	52.00	54.00	-2.00	AVG			



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

Job No.: RUCKY #39

Standard: FCC 15C PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 2.4G Wireless keyb

Mode: TRANSMITTING(2408MHz)

Model: CK365G

Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Horizontal

Power Source: DC 3V

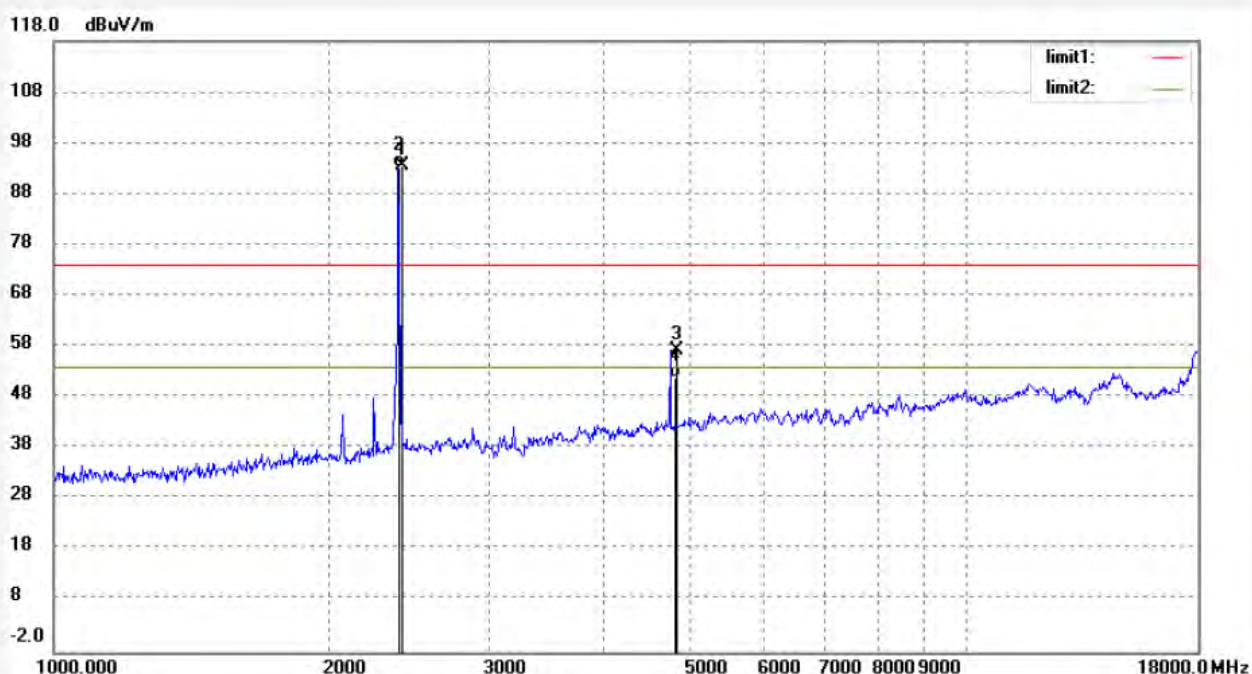
Date: 12/08/28/

Time: 1/19/20

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20121917



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2408.000	100.94	-7.44	93.50	114.0	-20.50	peak			
2	2408.000	97.74	-7.44	90.30	94.00	-3.70	AVG			
3	4816.000	57.41	-0.22	57.19	74.00	-16.81	peak			
4	4816.000	52.12	-0.22	51.90	54.00	-2.10	AVG			



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

Job No.: RUCKY #43

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 2.4G Wireless keyb

Mode: TRANSMITTING(2440MHz)

Model: CK365G

Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Horizontal

Power Source: DC 3V

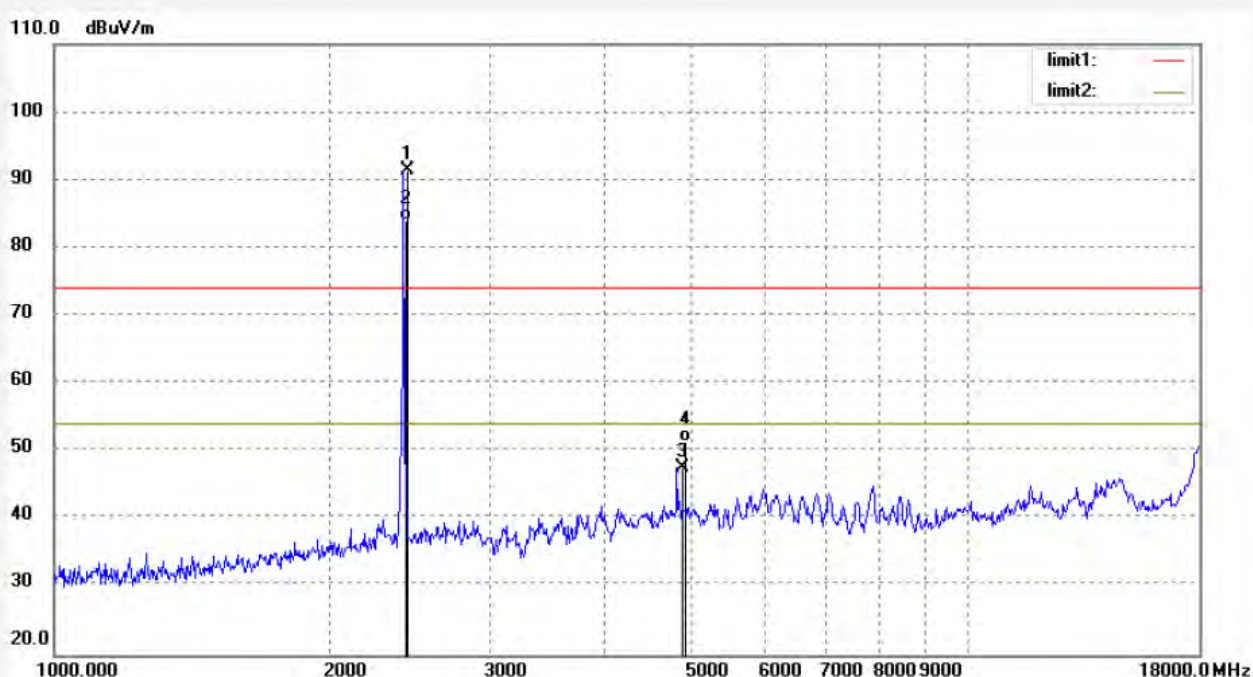
Date: 12/08/28/

Time: 1/37/06

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20121917



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2440.000	98.87	-7.35	91.52	114.00	-22.48	peak			
2	2440.000	91.35	-7.35	84.00	94.00	-10.00	AVG			
3	4880.000	47.44	0.13	47.57	54.00	-6.43	AVG			
4	4880.000	51.16	0.13	51.29	74.00	-22.71	peak			



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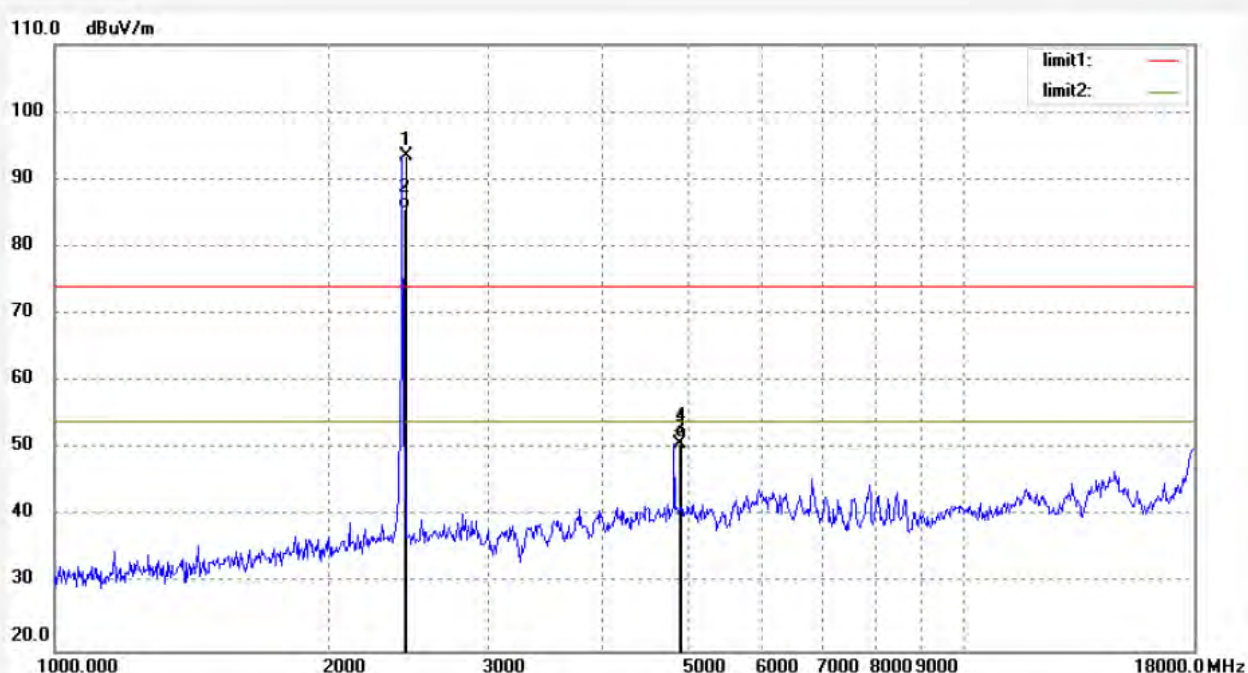
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: RUCKY #44
Standard: FCC PART 15B (PK)
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: 2.4G Wireless keyb
Mode: TRANSMITTING(2440MHz)
Model: CK365G
Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Vertical
Power Source: DC 3V
Date: 12/08/28/
Time: 1/44/59
Engineer Signature: Ricky
Distance: 3m

Note: Report No.:ATE20121917



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2440.000	100.89	-7.35	93.54	114.00	-20.46	peak			
2	2440.000	92.89	-7.35	85.54	94.00	-8.46	AVG			
3	4880.000	47.51	0.13	47.64	54.00	-6.36	AVG			
4	4880.000	51.51	0.13	51.64	74.00	-22.36	peak			



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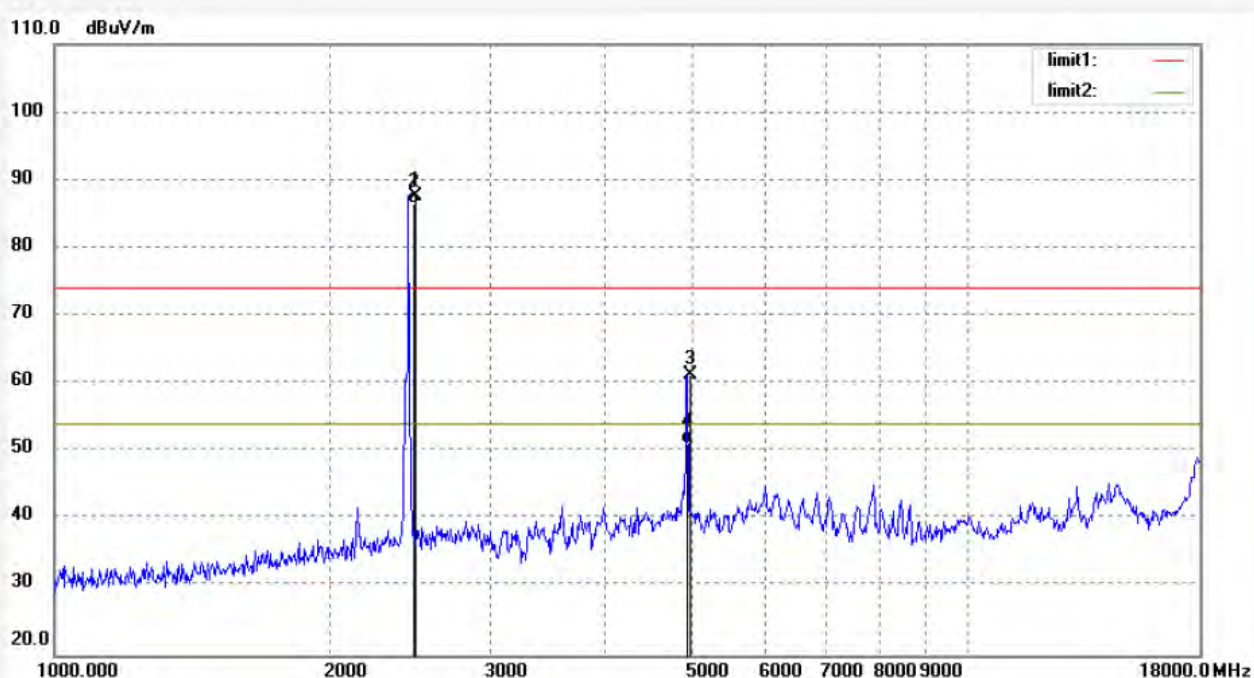
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: RUCKY #45
Standard: FCC PART 15B (PK)
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: 2.4G Wireless keyb
Mode: TRANSMITTING(2480MHz)
Model: CK365G
Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Vertical
Power Source: DC 3V
Date: 12/08/28/
Time: 1/54/10
Engineer Signature: Ricky
Distance: 3m

Note: Report No.:ATE20121917



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	94.91	-7.37	87.54	114.00	-26.46	peak			
2	2480.000	93.91	-7.37	86.54	94.00	-7.46	AVG			
3	4960.000	60.73	0.52	61.25	74.00	-12.75	peak			
4	4960.000	50.73	0.52	51.25	54.00	-2.75	AVG			



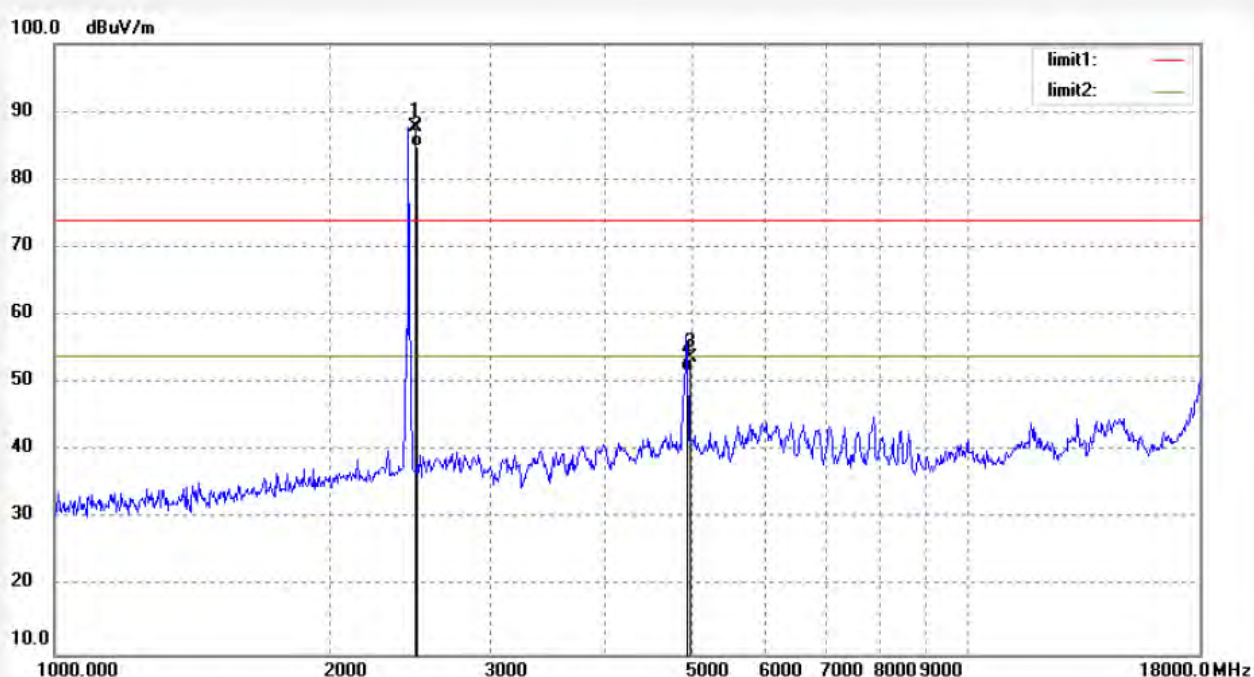
ACCURATE TECHNOLOGY CO., LTD.

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

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

Job No.: RUCKY #46	Polarization: Horizontal
Standard: FCC PART 15B (PK)	Power Source: DC 3V
Test item: Radiation Test	Date: 12/08/28/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 1/59/53
EUT: 2.4G Wireless keyb	Engineer Signature: Ricky
Mode: TRANSMITTING(2480MHz)	Distance: 3m
Model: CK365G	
Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD	

Note: Report No.:ATE20121917



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	95.09	-7.37	87.72	114.00	-26.28	peak			
2	2480.000	92.09	-7.37	84.72	94.00	-9.28	AVG			
3	4960.000	53.29	0.52	53.81	74.00	-20.19	peak			
4	4960.000	51.29	0.52	51.81	54.00	-2.19	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.: Bob #2727

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 2.4G Wireless keyb

Mode: TRANSMITTING(2408MHz)

Model: CK365G

Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Vertical

Power Source: DC 3V

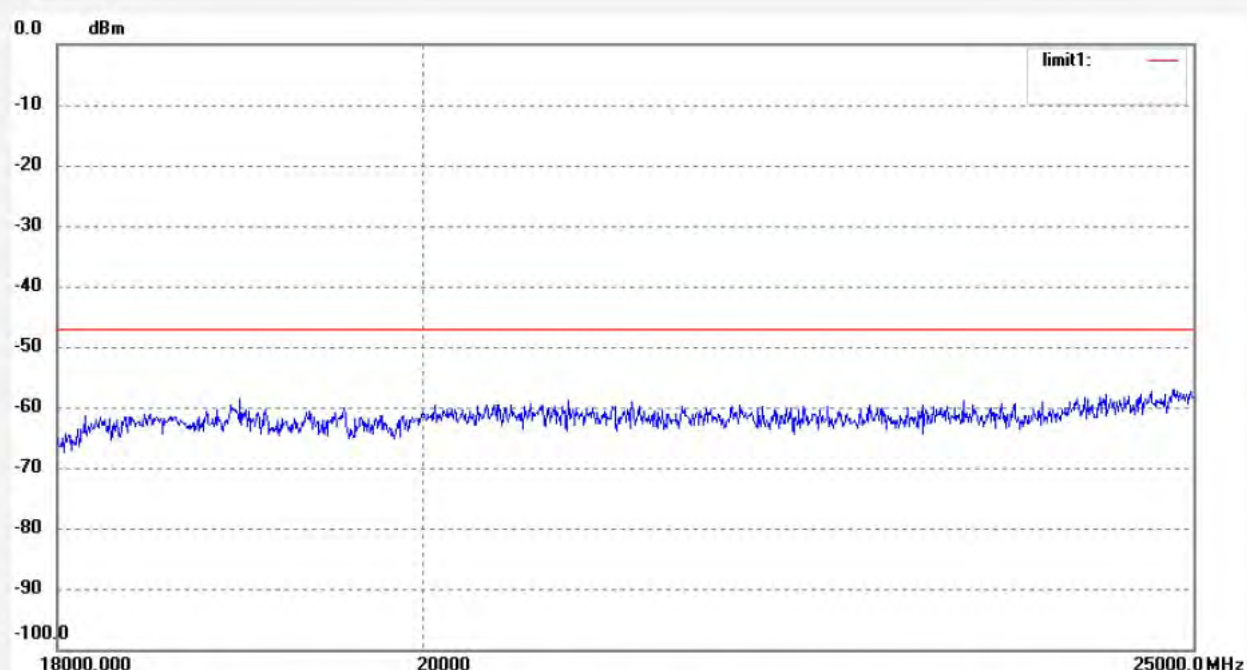
Date: 12/08/28/

Time: 11/11/23

Engineer Signature:

Distance: 3m

Note: Report NO.:ATE20121917



No.	Freq. (MHz)	Reading (dBm)	Factor (dB)	Result (dBm)	Limit (dBm)	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.: Bob #2728

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 3V

Test item: Radiation Test

Date: 12/8/28/

Temp.(C)/Hum.(%) 24 C / 48 %

Time: 11/15/15

EUT: 2.4G Wireless keyb

Engineer Signature:

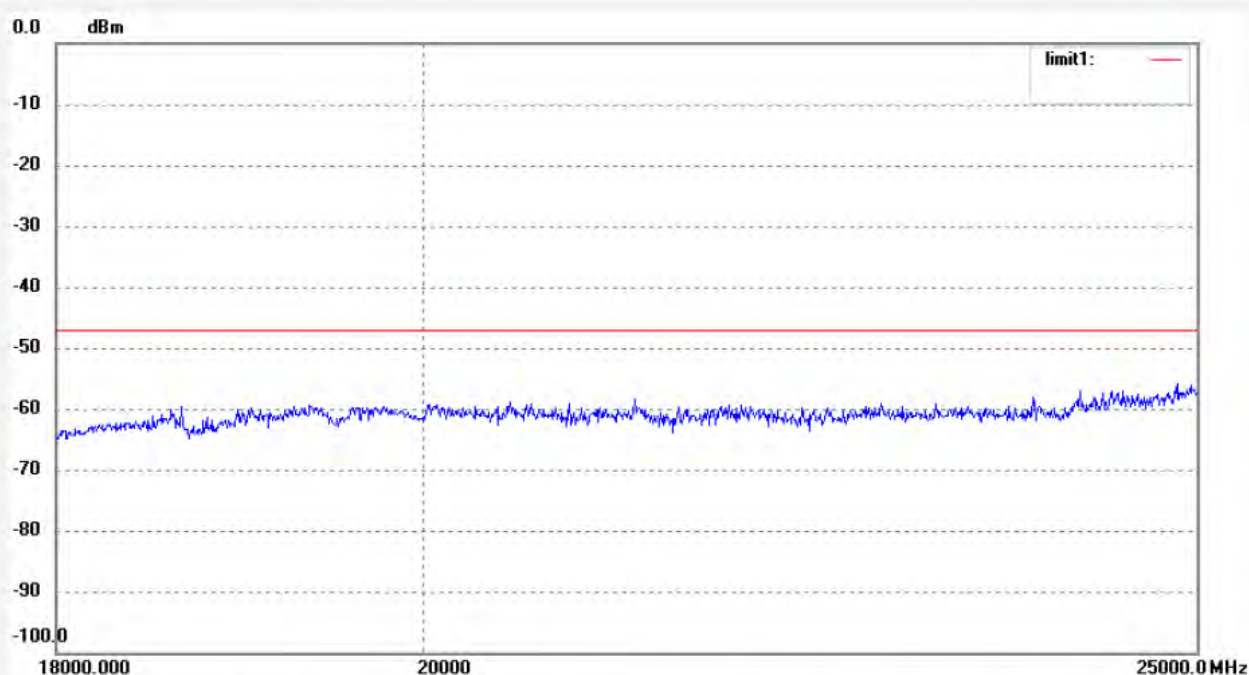
Mode: TRANSMITTING(2408MHz)

Distance: 3m

Model: CK365G

Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Note: Report NO.:ATE20121917



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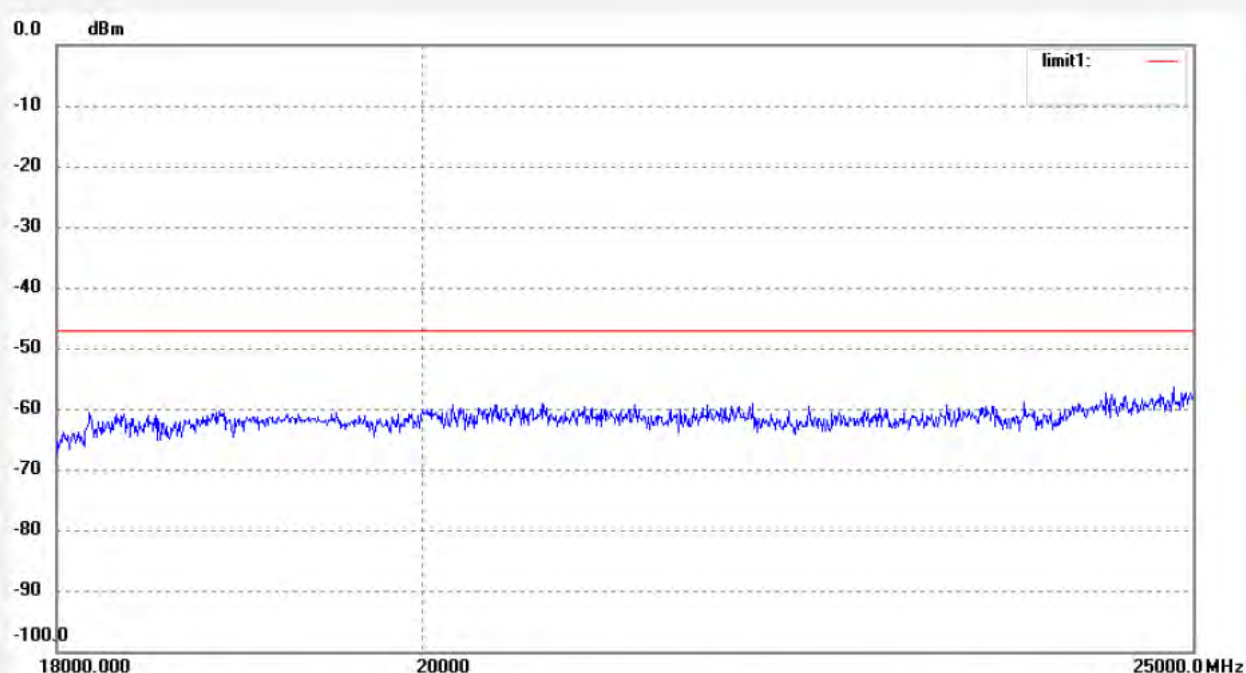
ACCURATE TECHNOLOGY CO., LTD.

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.: Bob #2729	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/8/28/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 11/18/36
EUT: 2.4G Wireless keyb	Engineer Signature:
Mode: TRANSMITTING(2440MHz)	Distance: 3m
Model: CK365G	
Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD	

Note: Report NO.:ATE20121917



No.	Freq. (MHz)	Reading (dBm)	Factor (dB)	Result (dBm)	Limit (dBm)	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.: Bob #2730

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 2.4G Wireless keyb

Mode: TRANSMITTING(2440MHz)

Model: CK365G

Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Vertical

Power Source: DC 3V

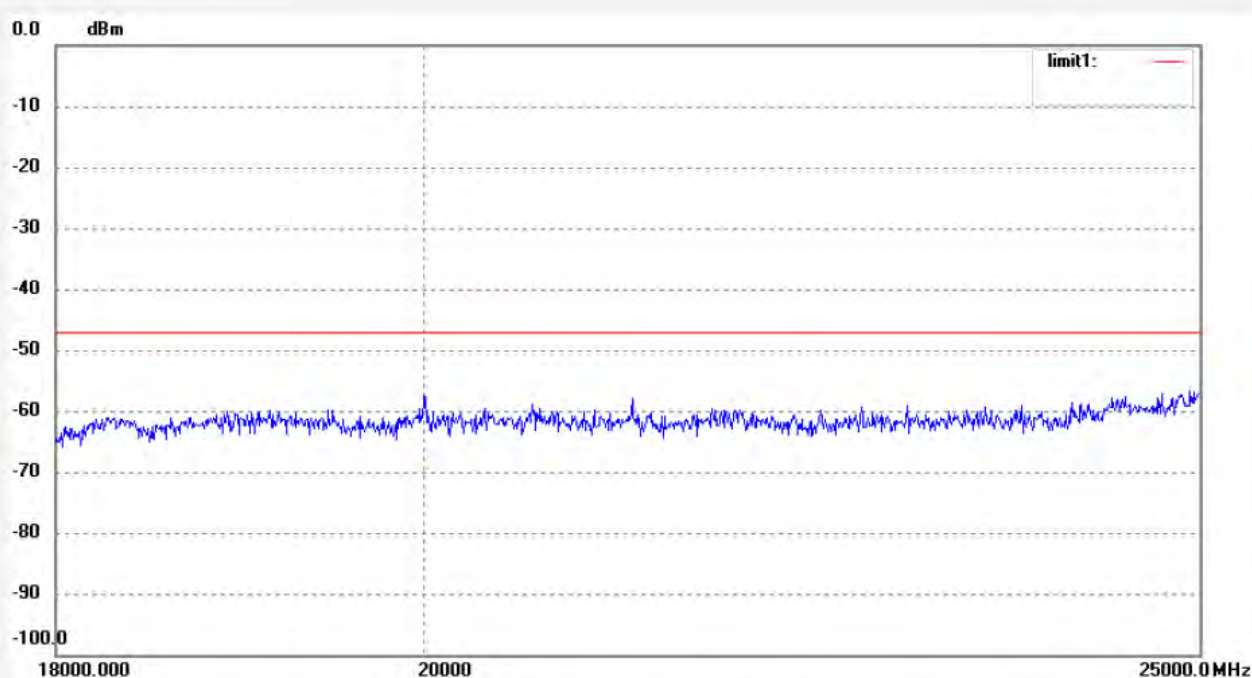
Date: 12/8/28/

Time: 11/21/14

Engineer Signature:

Distance: 3m

Note: Report NO.:ATE20121917



No.	Freq. (MHz)	Reading (dBm)	Factor (dB)	Result (dBm)	Limit (dBm)	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.: Bob #2731

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 2.4G Wireless keyb

Mode: TRANSMITTING(2480MHz)

Model: CK365G

Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Vertical

Power Source: DC 3V

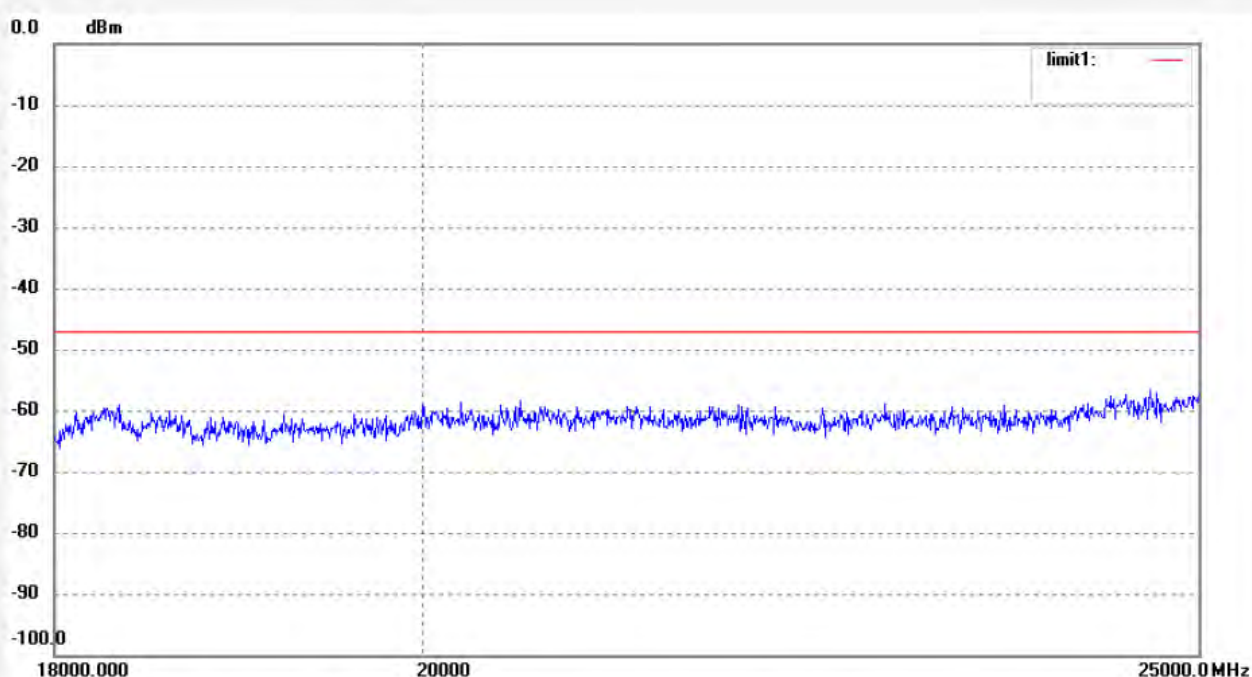
Date: 12/8/28/

Time: 11/24/28

Engineer Signature:

Distance: 3m

Note: Report NO.:ATE20121917



No.	Freq. (MHz)	Reading (dBm)	Factor (dB)	Result (dBm)	Limit (dBm)	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.: Bob #2732

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 2.4G Wireless keyb

Mode: TRANSMITTING(2480MHz)

Model: CK365G

Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Horizontal

Power Source: DC 3V

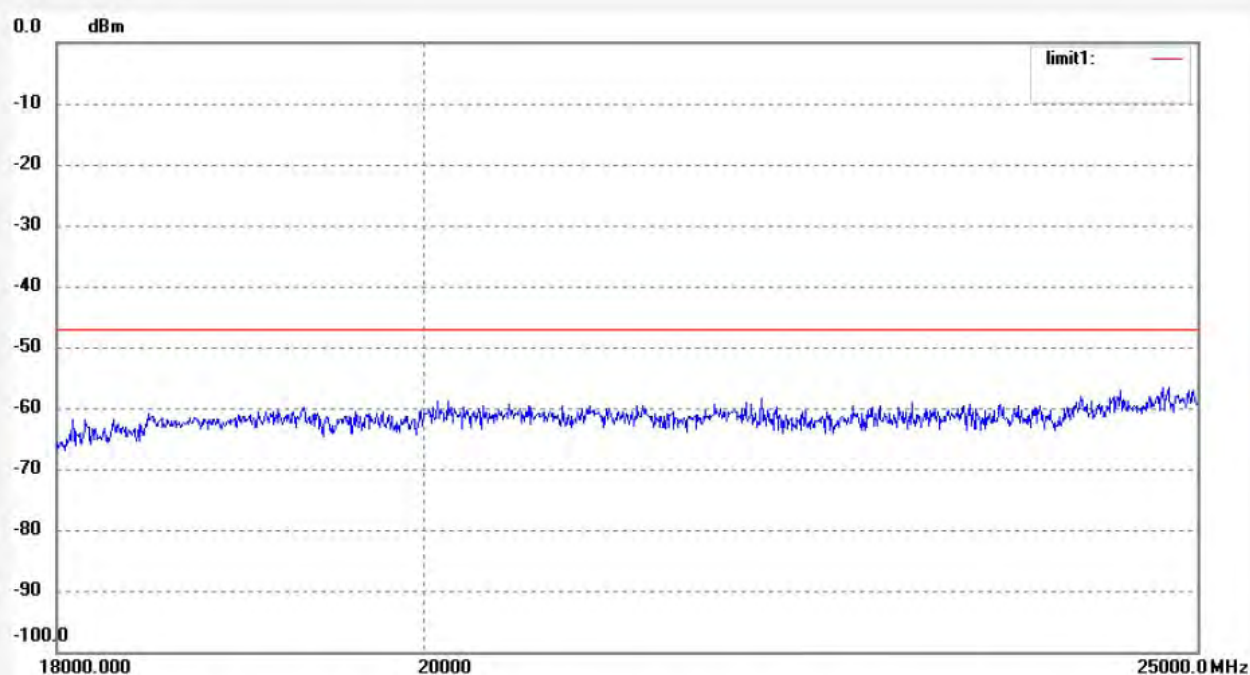
Date: 12/8/28/

Time: 11/40/33

Engineer Signature:

Distance: 3m

Note: Report NO.:ATE20121917



No.	Freq. (MHz)	Reading (dBm)	Factor (dB)	Result (dBm)	Limit (dBm)	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.: rucky #50

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 2.4G Wireless keyb

Mode: TRANSMITTING(2408MHz)

Model: CK365G

Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Vertical

Power Source: DC 3V

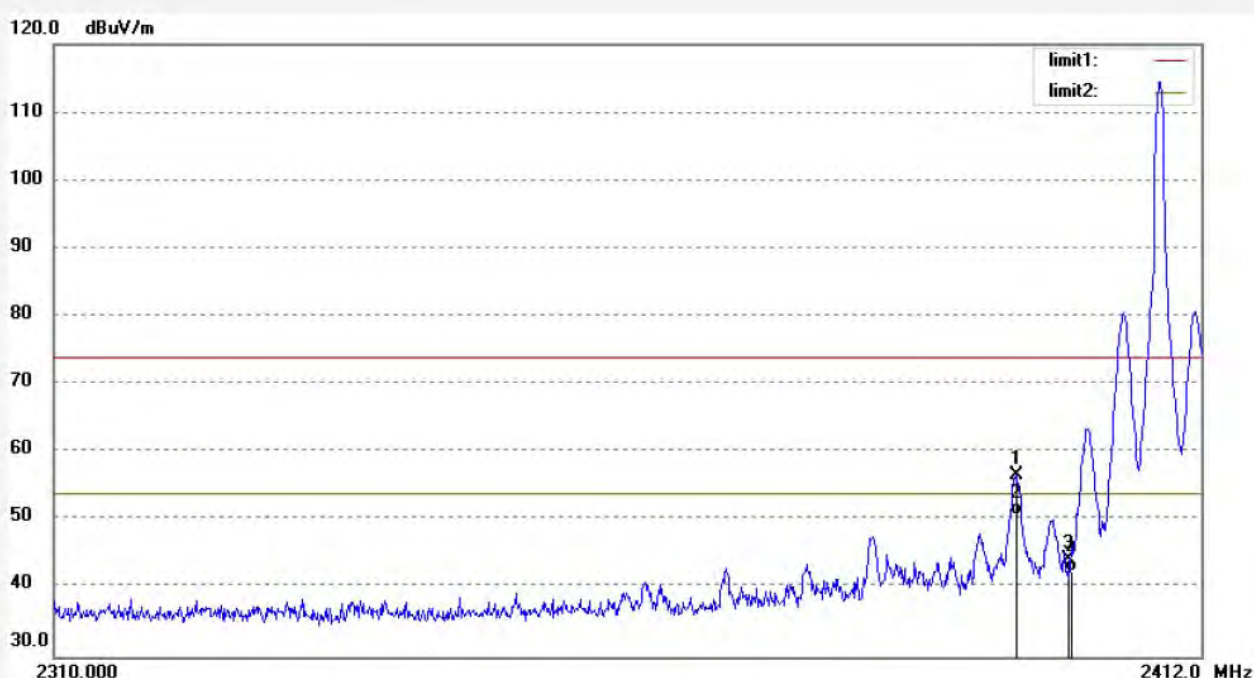
Date: 12/08/28/

Time: 2/21/33

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20121917



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2395.245	64.26	-7.49	56.77	74.00	-17.23	peak			
2	2395.245	58.26	-7.49	50.77	54.00	-3.23	AVG			
3	2400.000	51.79	-7.46	44.33	74.00	-29.67	peak			
4	2400.000	49.98	-7.46	42.52	54.00	-11.48	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.: rucky #51

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 2.4G Wireless keyb

Mode: TRANSMITTING(2408MHz)

Model: CK365G

Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Horizontal

Power Source: DC 3V

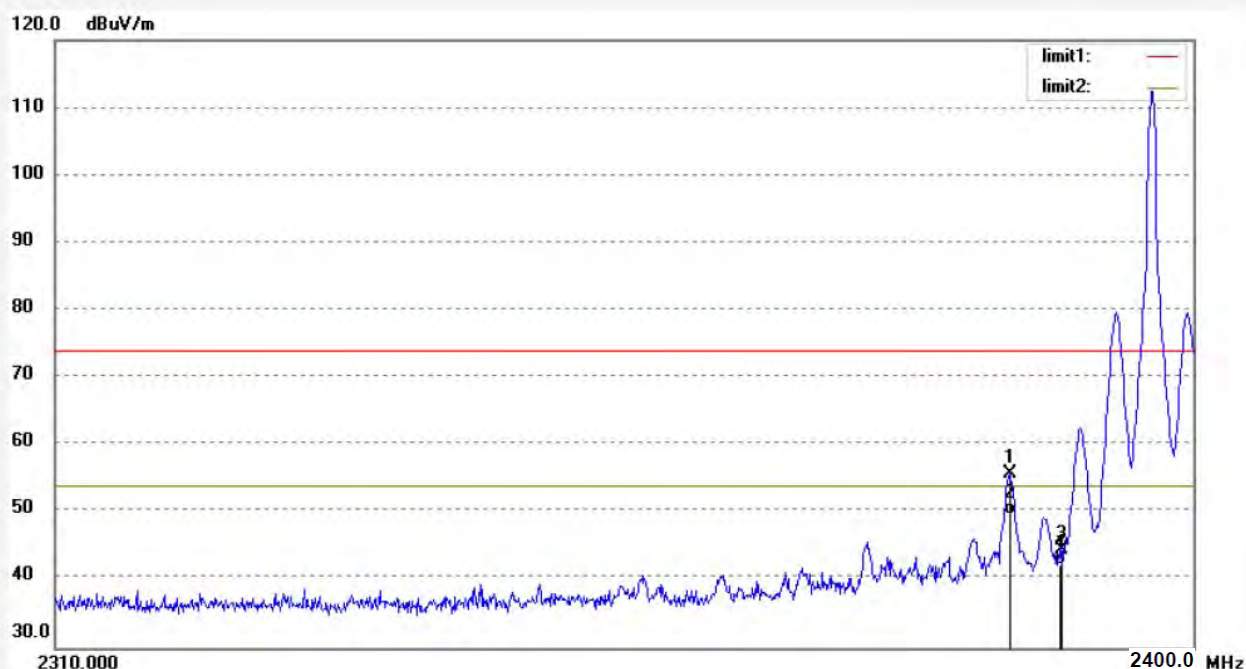
Date: 12/08/28/

Time: 2/26/14

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20121917



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2395.245	63.16	-7.49	55.67	74.00	-18.33	peak			
2	2395.245	57.16	-7.49	49.67	54.00	-4.33	AVG			
3	2400.000	51.88	-7.46	44.42	74.00	-29.58	peak			
4	2400.000	49.71	-7.46	42.25	54.00	-11.75	AVG			



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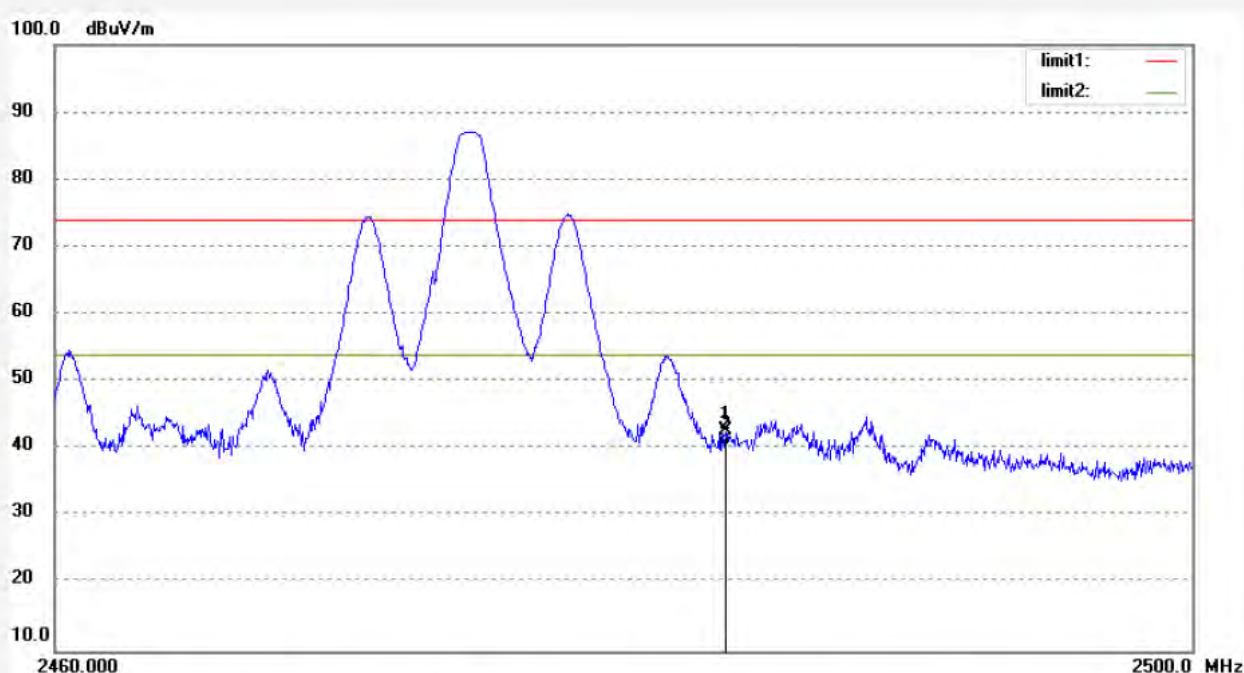
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: RUCKY #47
Standard: FCC PART 15B (PK)
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: 2.4G Wireless keyb
Mode: TRANSMITTING(2480MHz)
Model: CK365G
Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Horizontal
Power Source: DC 3V
Date: 12/08/28/
Time: 2/06/41
Engineer Signature: Ricky
Distance: 3m

Note: Report No.:ATE20121917



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	50.00	-7.37	42.63	74.00	-31.37	peak			
2	2483.500	47.90	-7.37	40.53	54.00	-13.47	AVG			



ACCURATE TECHNOLOGY CO., LTD.

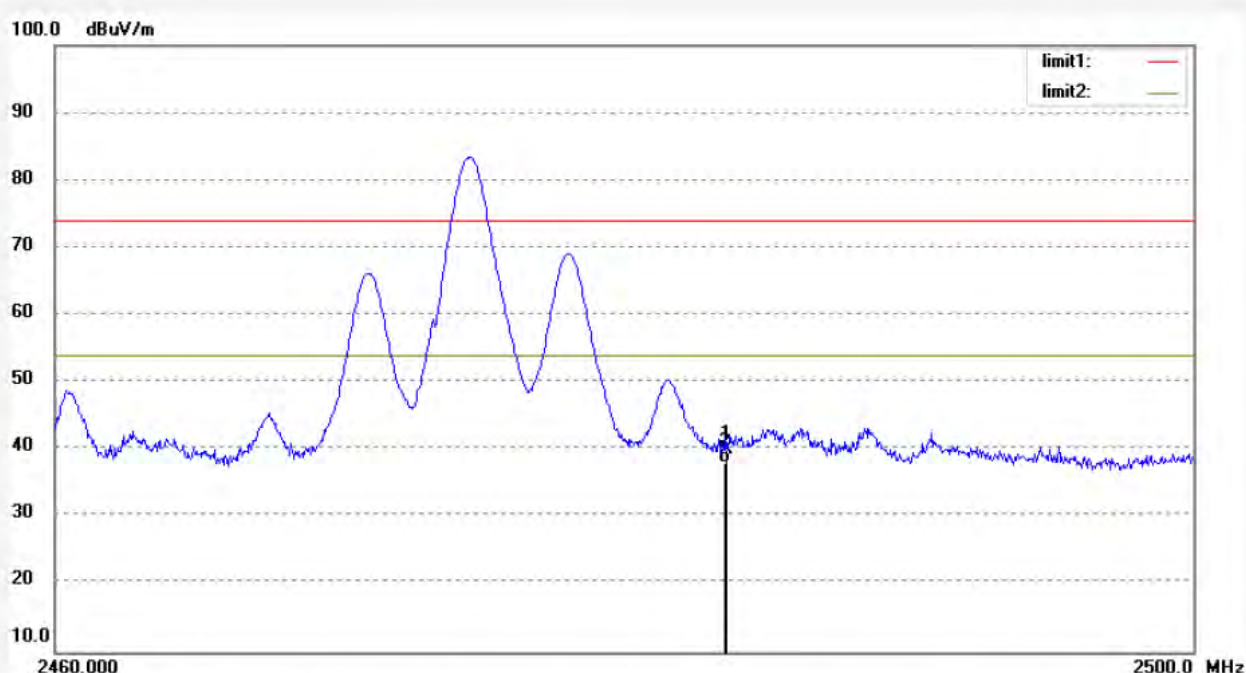
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: RUCKY #49
Standard: FCC PART 15B (PK)
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: 2.4G Wireless keyb
Mode: TRANSMITTING(2480MHz)
Model: CK365G
Manufacturer: COMAT ELECTRONIC (SHENZHEN) CO., LTD

Polarization: Vertical
Power Source: DC 3V
Date: 12/08/28/
Time: 2/17/14
Engineer Signature: Ricky
Distance: 3m

Note: Report No.: ATE20121917



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	47.47	-7.37	40.10	74.00	-33.90	peak			
2	2483.500	45.47	-7.37	38.10	54.00	-15.90	AVG			