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

Radio Controller
Model No.: SGK-3/SID-5

FCC ID: WE5SGK-3

Prepared for	:	SKYION (SHENZHEN) CO., LTD.
Address	:	F4, BUILDING 3, HUIHAO INDUSTRIAL AREA, HESHUIKOU, GONGMING TOWN, 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 Tel: (0755) 26503290 Fax: (0755) 26503396

Report Number	:	ATE20112078
Date of Test	:	October 8-18, 2011
Date of Report	:	October 18, 2011

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Description Page

Test Report Certification

Applicant	:	SKYION (SHENZHEN) CO., LTD.
Manufacturer	:	SKYION (SHENZHEN) CO., LTD.
EUT Description	:	Radio Controller
		(A) MODEL NO.: SGK-3/SID-5
		(B) SERIAL NO.: N/A
		(C) POWER SUPPLY: DC 9V ("AA" batteries 6×)

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 : October 8-18, 2011

Prepared by :

(Engineer)

Approved & Authorized Signer :

(Manager)

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT	:	Radio Controller
Model Number	:	SGK-3/SID-5
Power Supply	:	DC 9V (“AA” batteries 6×)
Operate Frequency	:	2407.000-2477.000MHz
Applicant	:	SKYION (SHENZHEN) CO., LTD.
Address	:	F4, BUILDING 3, HUIHAO INDUSTRIAL AREA HESHUIKOU, GONGMING TOWN, SHENZHEN, CHINA
Manufacturer	:	SKYION (SHENZHEN) CO., LTD.
Address	:	F4, BUILDING 3, HUIHAO INDUSTRIAL AREA HESHUIKOU, GONGMING TOWN, SHENZHEN, CHINA
Date of sample received	:	October 8, 2011
Date of Test	:	October 8-18, 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	Compliant
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)

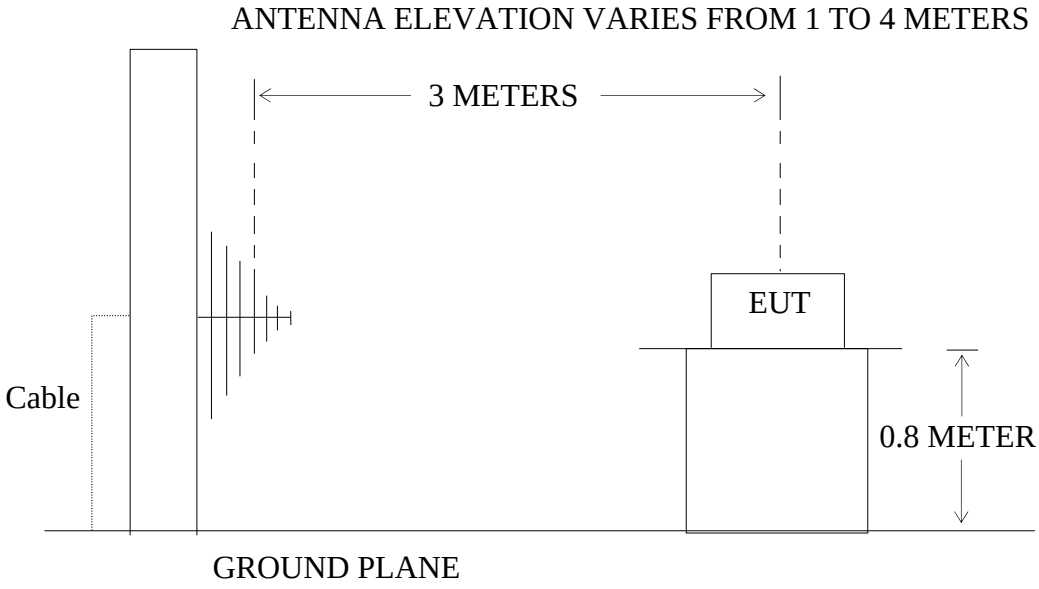
4.1.Block Diagram of Test Setup

4.1.1.Block diagram of connection between the EUT and simulators

EUT

(EUT: Radio Controller)

4.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: Radio Controller)

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. Radio Controller (EUT)

Model Number : SGK-3/SID-5
Serial Number : N/A
Manufacturer : SKYION (SHENZHEN) CO., LTD.

4.4.Operating Condition of EUT

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

4.4.2.Turn on the power of all equipment.

4.4.3. Let the EUT work in TX modes measure it. The transmit frequency are 2407-2477MHz MHz. We are select 2407MHz, 2442MHz, 2477MHz 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:	October 12, 2011	Temperature:	25°C
EUT:	Radio Controller	Humidity:	50%
Model No.:	SGK-3/SID-5	Power Supply:	DC 9V
Test Mode:	TX 2407MHz	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	
2407.000	90.54	95.30	-7.44	83.10	87.86	94	114	-10.90	-26.14	Vertical
2407.000	90.04	94.49	-7.44	82.60	87.05	94	114	-11.40	-26.95	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	
4814.000	45.63	49.99	-0.23	45.40	49.76	54	74	-8.6	-24.24	Vertical
4814.000	50.83	53.09	-0.23	50.60	52.86	54	74	-3.4	-21.14	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:	October 12, 2011	Temperature:	25°C
EUT:	Radio Controller	Humidity:	50%
Model No.:	SGK-3/SID-5	Power Supply:	DC 9V
Test Mode:	TX 2442MHz	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	
2442.000	83.66	85.94	-7.36	76.30	78.58	94	114	-17.7	-35.42	Vertical
2442.000	83.26	86.34	-7.36	75.90	78.98	94	114	-18.10	-35.02	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	
4884.000	43.67	47.05	0.13	43.80	47.18	54	74	-10.20	-26.82	Vertical
4884.000	42.47	46.60	0.13	42.60	46.73	54	74	-11.40	-27.27	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:	October 12, 2011	Temperature:	25°C
EUT:	Radio Controller	Humidity:	50%
Model No.:	SGK-3/SID-5	Power Supply:	DC 9V
Test Mode:	TX 2477MHz	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	
2477.000	83.37	86.36	-7.37	76.00	78.99	94	114	-18.00	-35.01	Vertical
2477.000	84.07	86.49	-7.37	76.70	79.12	94	114	-17.30	-34.88	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	
4954.000	46.93	51.79	0.47	47.40	52.26	54	74	-6.60	-21.74	Vertical
4954.000	47.83	51.13	0.47	48.30	51.60	54	74	-5.70	-22.40	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)

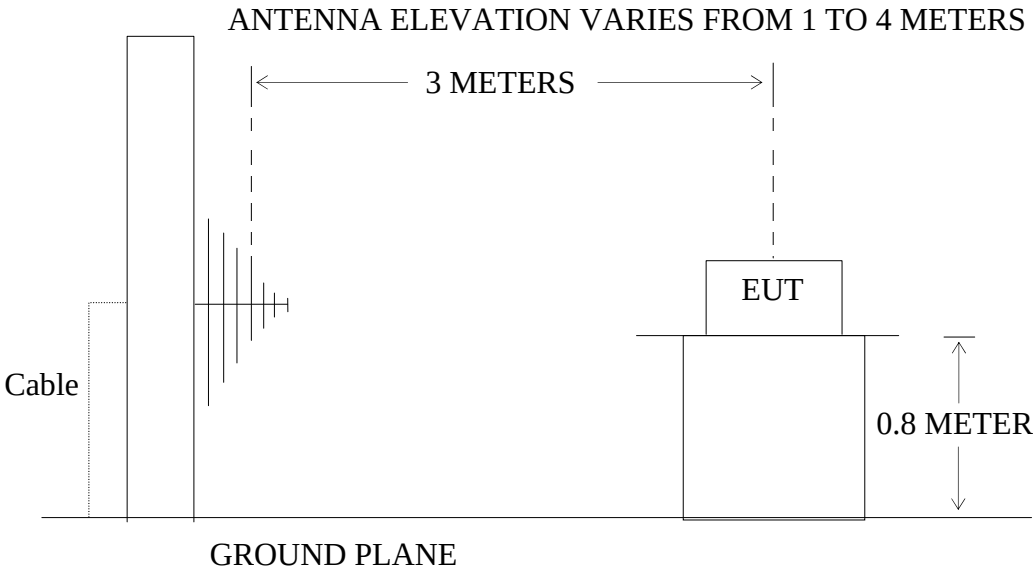
5.1.Block Diagram of Test Setup

5.1.1.Block diagram of connection between the EUT and simulators

EUT

(EUT: Radio Controller)

5.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: Radio Controller)

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. Radio Controller (EUT)

Model Number : SGK-3/SID-5
Serial Number : N/A
Manufacturer : SKYION (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 2407-2477MHz MHz. We are select 2407MHz, 2442MHz, 2477MHz 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:	October 12, 2011	Temperature:	25°C
EUT:	Radio Controller	Humidity:	50%
Model No.:	SGK-3/SID-5	Power Supply:	DC 9V
Test Mode:	TX 2407MHz	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:	October 12, 2011	Temperature:	25°C
EUT:	Radio Controller	Humidity:	50%
Model No.:	SGK-3/SID-5	Power Supply:	DC 9V
Test Mode:	TX 2442MHz	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:	October 12, 2011	Temperature:	25°C
EUT:	Radio Controller	Humidity:	50%
Model No.:	SGK-3/SID-5	Power Supply:	DC 9V
Test Mode:	TX 2477MHz	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. Radio Controller (EUT)

Model Number	**:**	SGK-3/SID-5
Serial Number	**:**	N/A
Manufacturer	**:**	SKYION (SHENZHEN) CO., LTD.

6.3.Operating Condition of EUT

6.3.1.Setup the EUT and simulator as shown as Section 6.1.

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 2407-2477MHz MHz. We are select 2407MHz, 2477MHz TX frequency to transmit.

6.4.Test Procedure

1. The EUT is placed on a turntable, which is 0.8m above the ground plane and worked at highest radiated power.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
   RBW=1MHz, VBW=1MHz

6.5.The Measurement Result

Pass.

Date of Test:	October 12, 2011	Temperature:	25°C
EUT:	Radio Controller	Humidity:	50%
Model No.:	SGK-3/SID-5	Power Supply:	DC 9V
Test Mode:	TX 2407MHz	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	
-	-	-	-	-	-	-	-	-	-	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:	October 12, 2011	Temperature:	25°C
EUT:	Radio Controller	Humidity:	50%
Model No.:	SGK-3/SID-5	Power Supply:	DC 9V
Test Mode:	TX 2477MHz	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	
-	-	-	-	-	-	-	-	-	-	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:

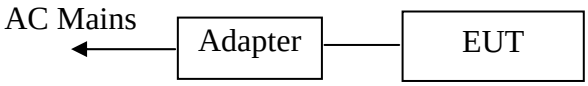
   Result = Reading + Corrected Factor

   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.

7. AC POWER LINE CONDUCTED EMISSION FOR FCC PART 15 SECTION 15.207(A)

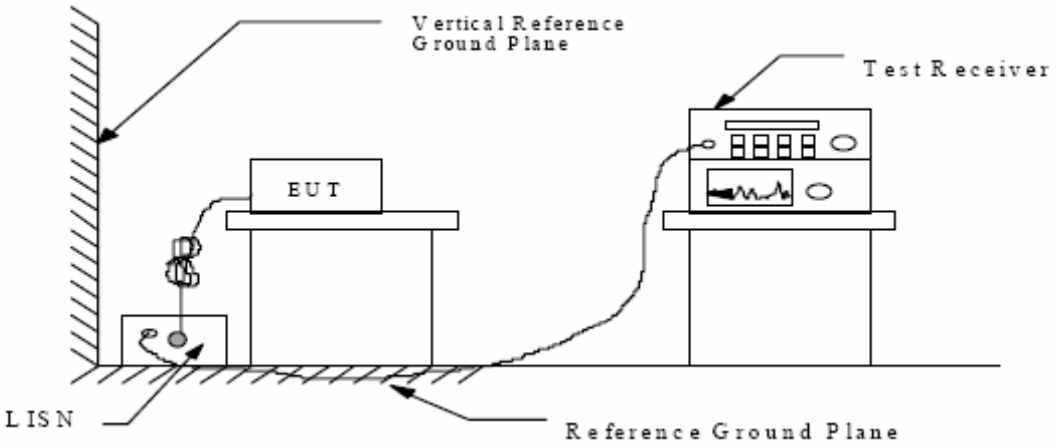
7.1.Block Diagram of Test Setup

7.1.1.Block diagram of connection between the EUT and simulators



(EUT: Radio Controller)

7.1.2.Shielding Room Test Setup Diagram



(EUT: Radio Controller)

7.2.The Emission Limit

7.2.1.Conducted Emission Measurement Limits According to Section 15.207(a)

Frequency (MHz)	Limit dB(μV)	
	Quasi-peak Level	Average Level
0.15 - 0.50	66.0 – 56.0 *	56.0 – 46.0 *
0.50 - 5.00	56.0	46.0
5.00 - 30.00	60.0	50.0

* Decreases with the logarithm of the frequency.

7.3. Configuration of EUT on Measurement

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

7.3.1. Radio Controller (EUT)

Model Number	**:**	SGK-3/SID-5
Serial Number	**:**	N/A
Manufacturer	**:**	SKYION (SHENZHEN) CO., LTD.

7.4. Operating Condition of EUT

7.4.1. Setup the EUT and simulator as shown as Section 7.1.

7.4.2. Turn on the power of all equipment.

7.4.3. Let the EUT work in (Charging) mode measure it.

7.5. Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2003 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

7.6. Power Line Conducted Emission Measurement Results

PASS.

The frequency range from 150kHz to 30MHz is checked.

Date of Test:	October 13, 2011	Temperature:	25°C
EUT:	Radio Controller	Humidity:	50%
Model No.:	SGK-3/SID-5	Power Supply:	AC 120V/60Hz
Test Mode:	Charging	Test Engineer:	Pei

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.166406	46.30	65.1	-18.8	QP	Neutral
0.195997	49.30	63.8	-14.5	QP	
0.261263	48.30	61.4	-13.1	QP	
0.328019	43.30	59.5	-16.2	QP	
0.395716	45.20	57.9	-12.7	QP	
0.466086	43.30	56.6	-13.3	QP	
0.167071	36.10	55.1	-19.0	AV	
0.197568	38.40	53.7	-15.3	AV	
0.263357	34.00	51.3	-17.3	AV	
0.329331	31.00	49.5	-18.5	AV	
0.395716	31.00	47.9	-16.9	AV	
0.467950	27.90	46.6	-18.7	AV	
0.167071	44.10	65.1	-21.0	QP	Live
0.197568	51.30	63.7	-12.4	QP	
0.268666	52.10	61.2	-9.1	QP	
0.330648	43.90	59.4	-15.5	QP	
0.397299	44.70	57.9	-13.2	QP	
0.466086	43.60	56.6	-13.0	QP	
0.167739	35.90	55.1	19.2	AV	
0.199152	37.10	53.6	16.5	AV	
0.267596	34.80	51.2	16.4	AV	
0.333299	29.30	49.4	20.1	AV	
0.397299	30.00	47.9	17.9	AV	
0.464229	25.90	46.6	20.7	AV	

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

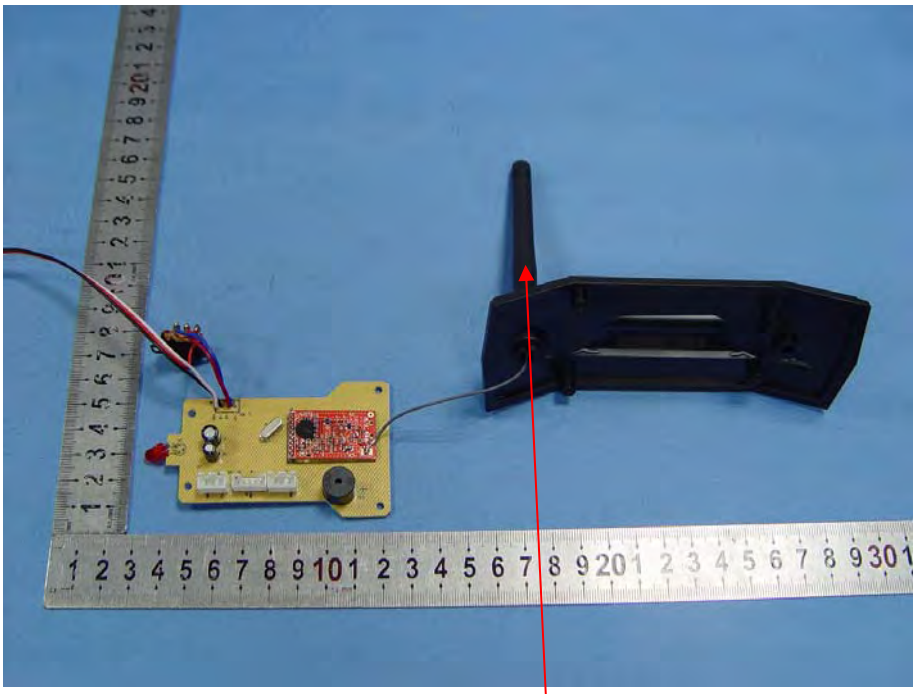
8. ANTENNA REQUIREMENT

8.1. The Requirement

8.1.1. 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.

8.2. Antenna Construction

Device is equipped with unique antenna, which isn't displaced by other antenna. Therefore, the equipment complies with the antenna requirement of Section 15.203.

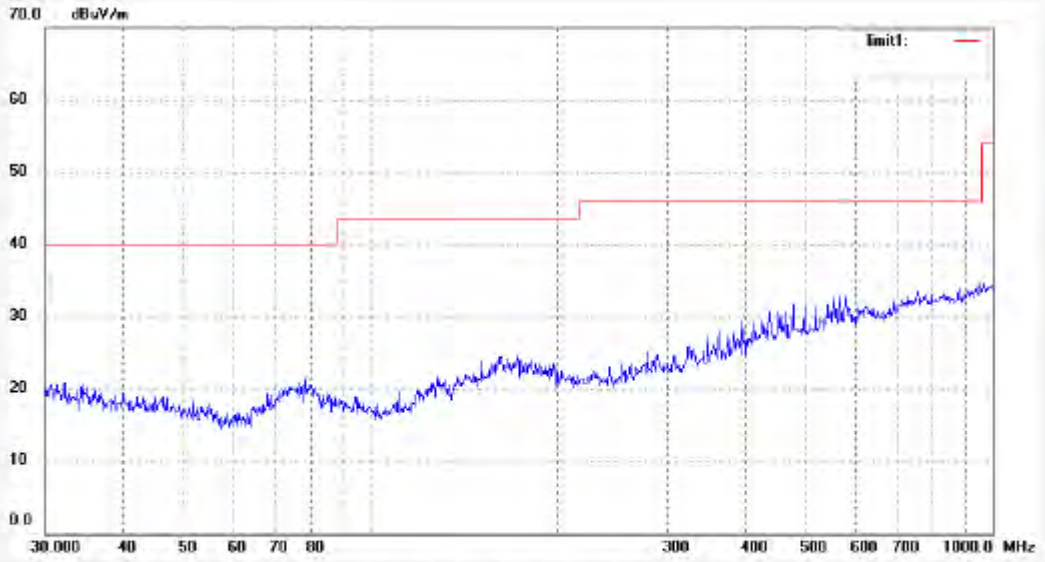


APPENDIX I
(Test Curves)

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.: RTTE #5868	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 9V
Test item: Radiation Test	Date: 2011/10/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:01:24
EUT: Radio Controller	Engineer Signature: STAR
Mode: TX 2407MHz	Distance: 3m
Model: SGK-3/SID-5	
Manufacturer: SKYION(SHENZHEN)CO.,LTD.	

Note: Report No.:ATE20112078

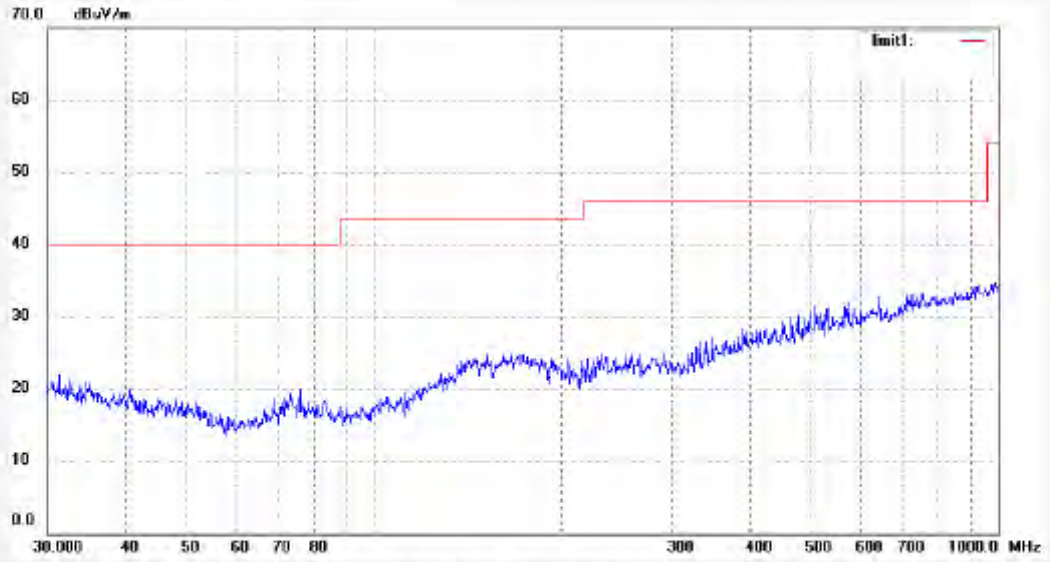


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: RTTE #5869	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 9V
Test item: Radiation Test	Date: 2011/10/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:05:27
EUT: Radio Controller	Engineer Signature: STAR
Mode: TX 2407MHz	Distance: 3m
Model: SGK-3/SID-5	
Manufacturer: SKYION(SHENZHEN)CO.,LTD.	

Note: Report No.:ATE20112078



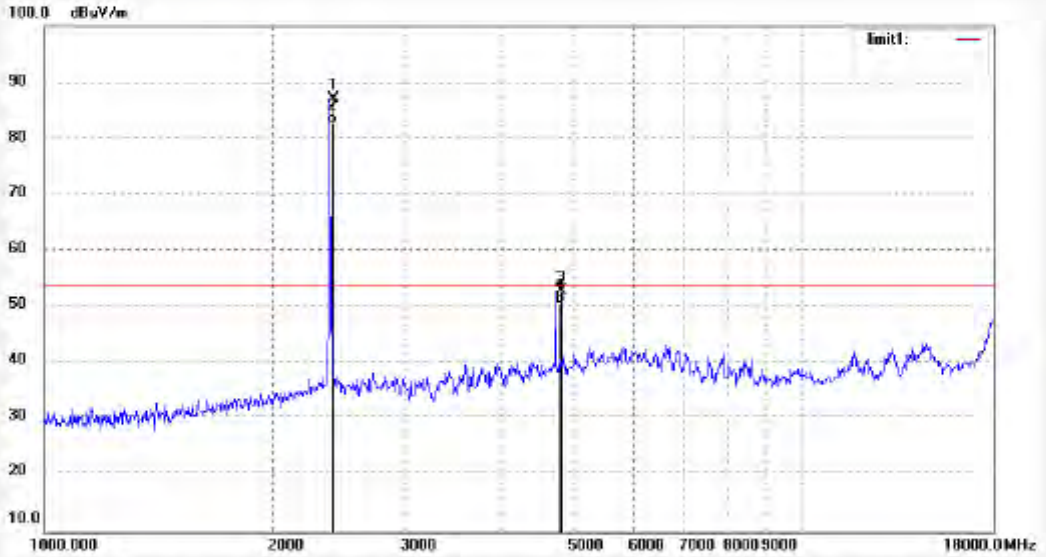
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #579
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Radio Controller
Mode: TX 2407MHz
Model: SGK-3/SID-5
Manufacturer: SKYION(SHENZHEN) CO.,LTD

Polarization: Horizontal
Power Source: DC 9V
Date: 2011-10-12
Time: 4:44:18
Engineer Signature: STAR
Distance:

Note: Report No.:ATE20112078



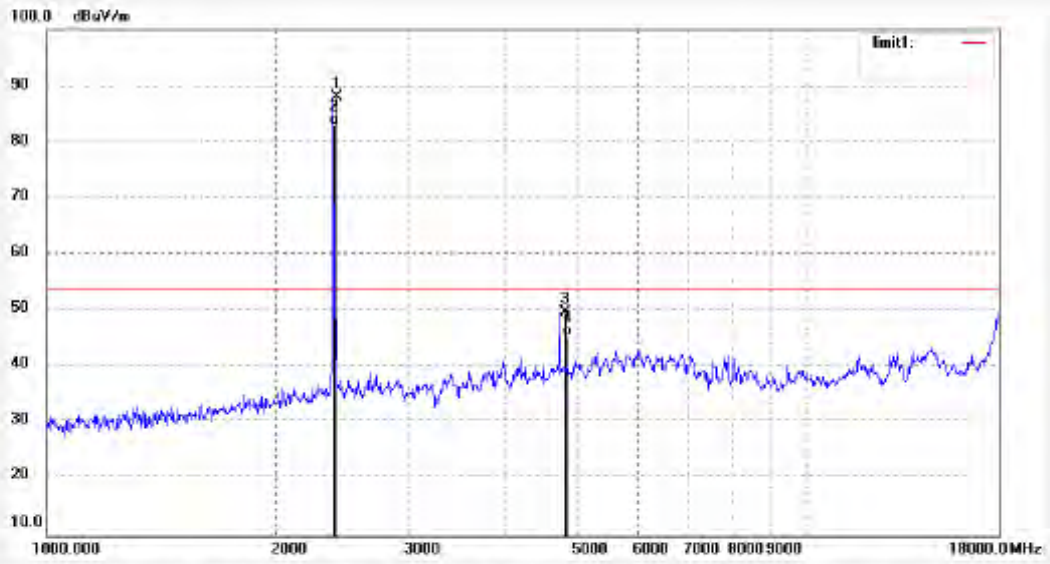
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2407.000	94.49	-7.44	87.05	114.0	-26.95	peak			
2	2407.000	90.04	-7.44	82.60	94.00	-11.40	AVG			
3	4814.000	53.09	-0.23	52.86	74.00	-21.14	peak			
4	4814.000	50.83	-0.23	50.60	54.00	-3.40	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #578
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Radio Controller
Mode: TX 2407MHz
Model: SGK-3/SID-5
Manufacturer: SKYION(SHENZHEN) CO.,LTD

Polarization: Vertical
Power Source: DC 9V
Date: 2011-10-12
Time: 4:34:50
Engineer Signature: STAR
Distance:

Note: Report No.:ATE20112078

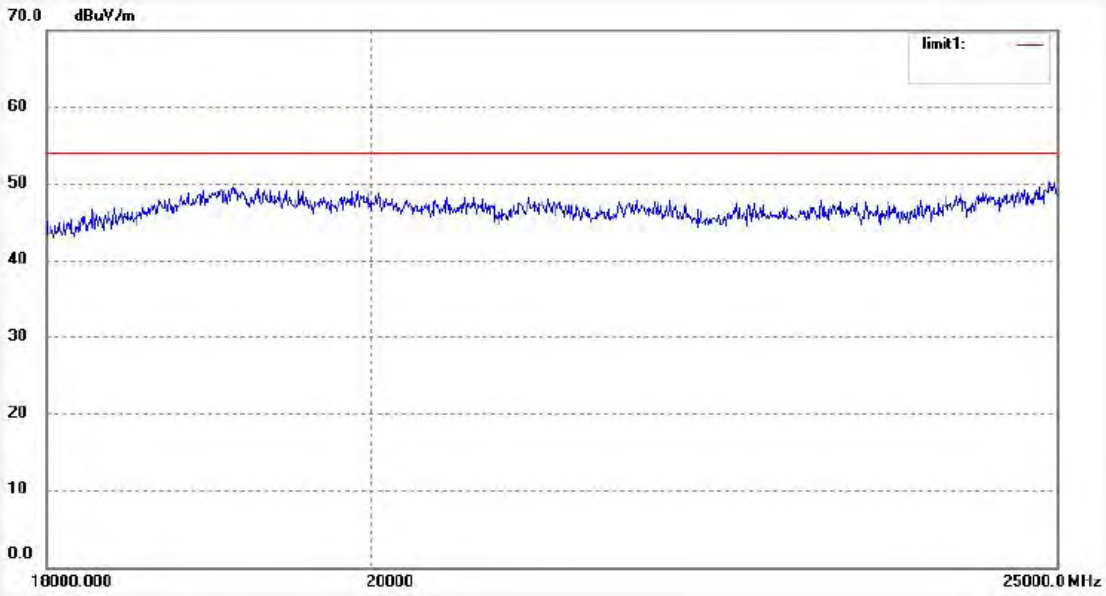


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2407.000	95.30	-7.44	87.86	114.0	-26.14	peak			
2	2407.000	90.54	-7.44	83.10	94.00	-10.90	AVG			
3	4814.000	49.99	-0.23	49.76	74.00	-24.24	peak			
4	4814.000	45.63	-0.23	45.40	54.00	-8.60	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.: RTTE #5916	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 9V
Test item: Radiation Test	Date: 2011/10/12
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:52:09
EUT: Radio Controller	Engineer Signature: STAR
Mode: TTX 2407MHz	Distance: 3m
Model: SGK-3/SID-5	
Manufacturer: SKYION(SHENZHEN)CO.,LTD.	

Note: Report No.:ATE20112078

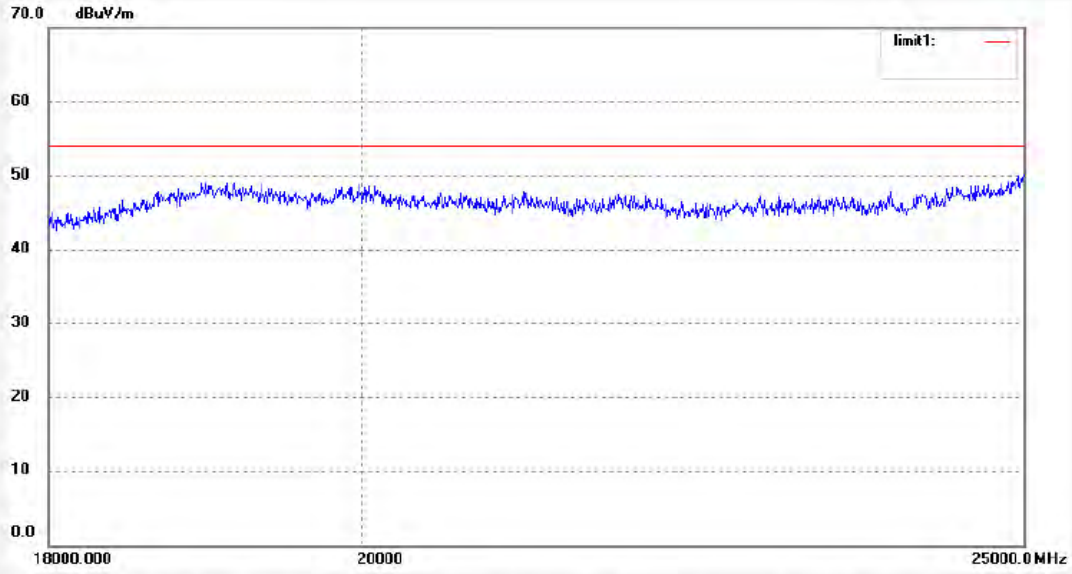


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: RTTE #5917	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 9V
Test item: Radiation Test	Date: 2011/10/12
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:56:43
EUT: Radio Controller	Engineer Signature: STAR
Mode: TX 2407MHz	Distance: 3m
Model: SGK-3/SID-5	
Manufacturer: SKYION(SHENZHEN)CO.,LTD.	

Note: Report No.:ATE20112078

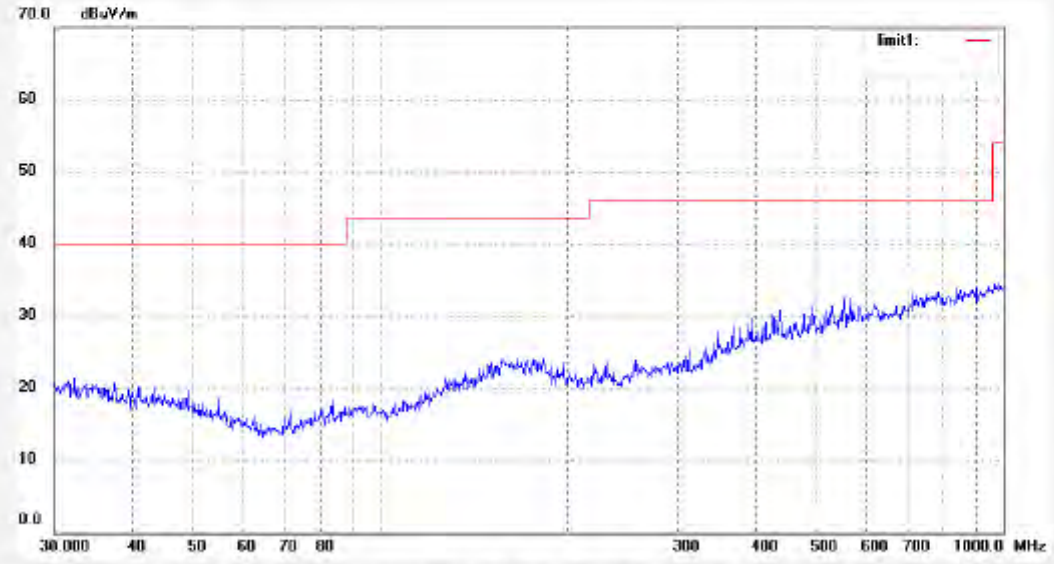


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: RTTE #5871	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 9V
Test item: Radiation Test	Date: 2011/10/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:14:30
EUT: Radio Controller	Engineer Signature: STAR
Mode: TX 2442MHz	Distance: 3m
Model: SGK-3/SID-5	
Manufacturer: SKYION(SHENZHEN)CO.,LTD.	

Note: Report No.:ATE20112078

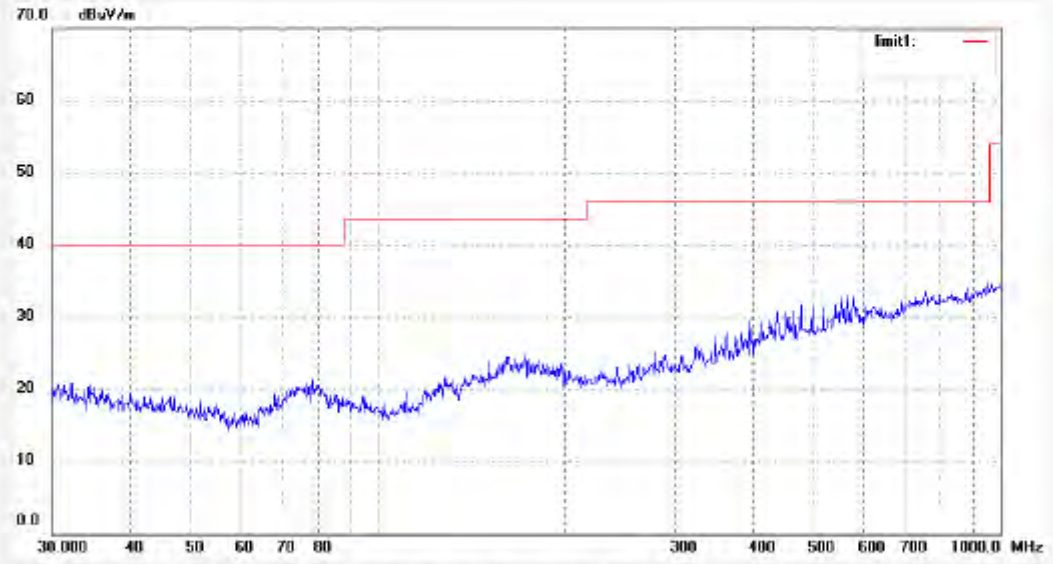


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: RTTE #5868	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 9V
Test item: Radiation Test	Date: 2011/10/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:01:24
EUT: Radio Controller	Engineer Signature: STAR
Mode: TX 2442MHz	Distance: 3m
Model: SGK-3/SID-5	
Manufacturer: SKYION(SHENZHEN)CO.,LTD.	

Note: Report No.:ATE20112078



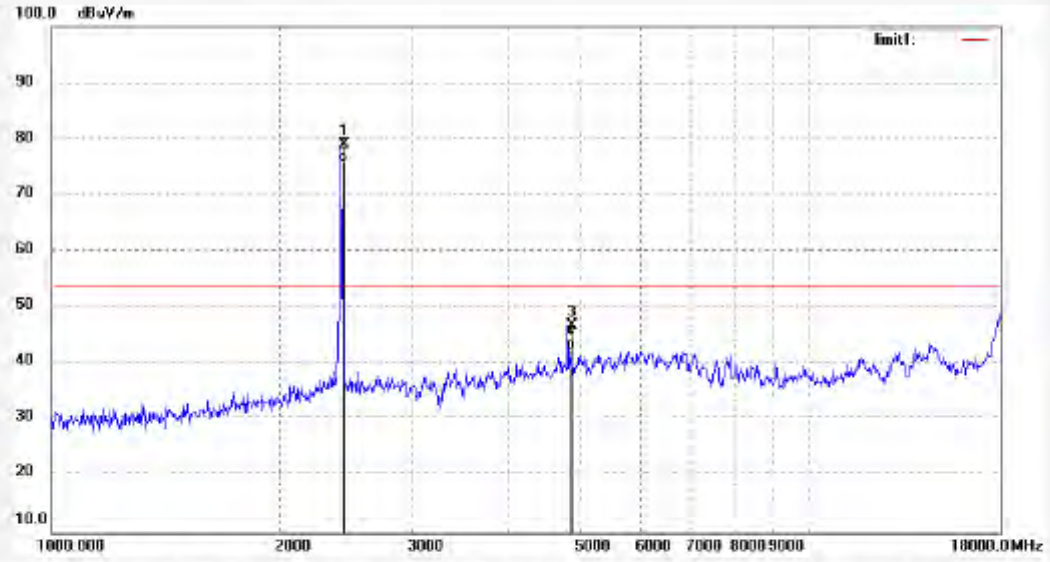
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #580
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Radio Controller
Mode: TX 2442MHz
Model: SGK-3/SID-5
Manufacturer: SKYION(SHENZHEN) CO.,LTD

Polarization: Horizontal
Power Source: DC 9V
Date: 2011-10-12
Time: 4:50:55
Engineer Signature: STAR
Distance:

Note: Report No.:ATE20112078



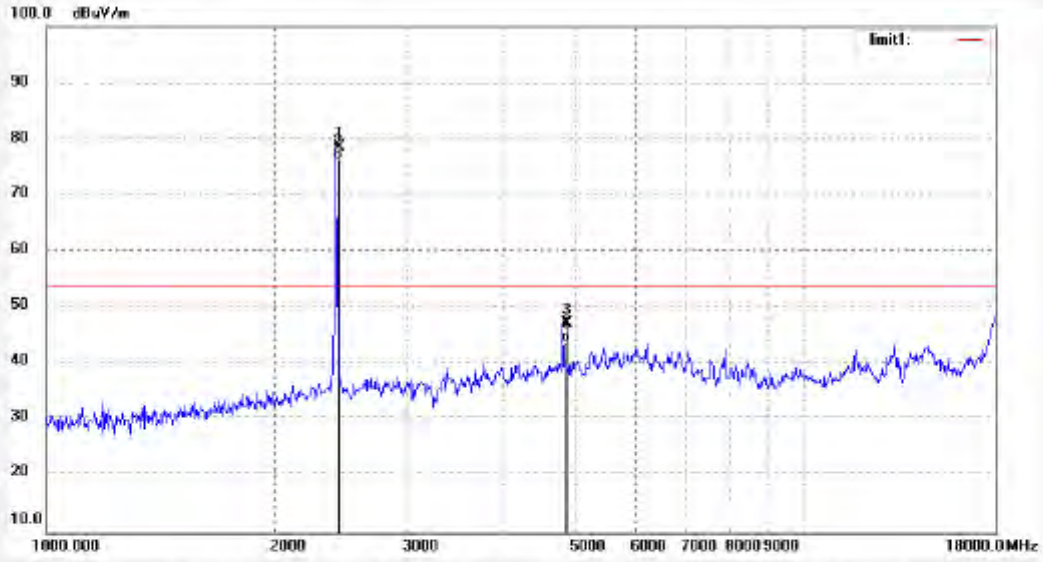
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2442.000	86.34	-7.36	78.98	114.0	-35.02	peak			
2	2442.000	83.26	-7.36	75.90	94.00	-18.10	AVG			
3	4884.000	46.60	0.13	46.73	74.00	-27.27	peak			
4	4884.000	42.47	0.13	42.60	54.00	-11.40	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #581
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Radio Controller
Mode: TX 2442MHz
Model: SGK-3/SID-5
Manufacturer: SKYION(SHENZHEN) CO.,LTD

Polarization: Vertical
Power Source: DC 9V
Date: 2011-10-12
Time: 4:58:15
Engineer Signature: STAR
Distance:

Note: Report No.:ATE20112078

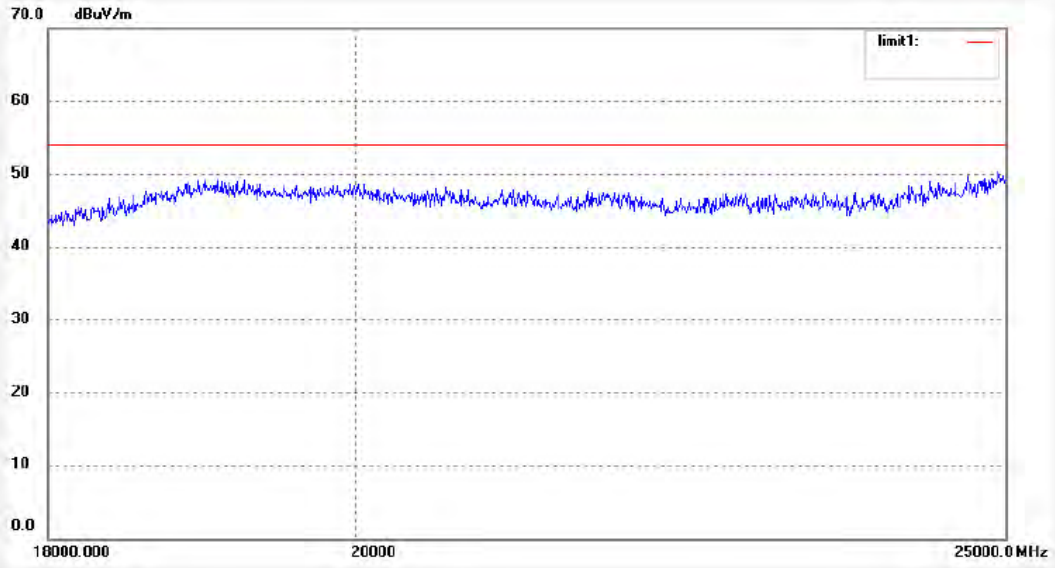


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2442.000	85.94	-7.36	78.58	114.0	-35.42	peak			
2	2442.000	83.66	-7.36	76.30	94.00	-17.70	AVG			
3	4884.000	47.05	0.13	47.18	74.00	-26.82	peak			
4	4884.000	43.67	0.13	43.80	54.00	-10.20	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.: RTTE #5919	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 9V
Test item: Radiation Test	Date: 2011/10/12
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 12:05:30
EUT: Radio Controller	Engineer Signature: STAR
Mode: TX 2442MHz	Distance: 3m
Model: SGK-3/SID-5	
Manufacturer: SKYION(SHENZHEN)CO.,LTD.	

Note: Report No.:ATE20112078

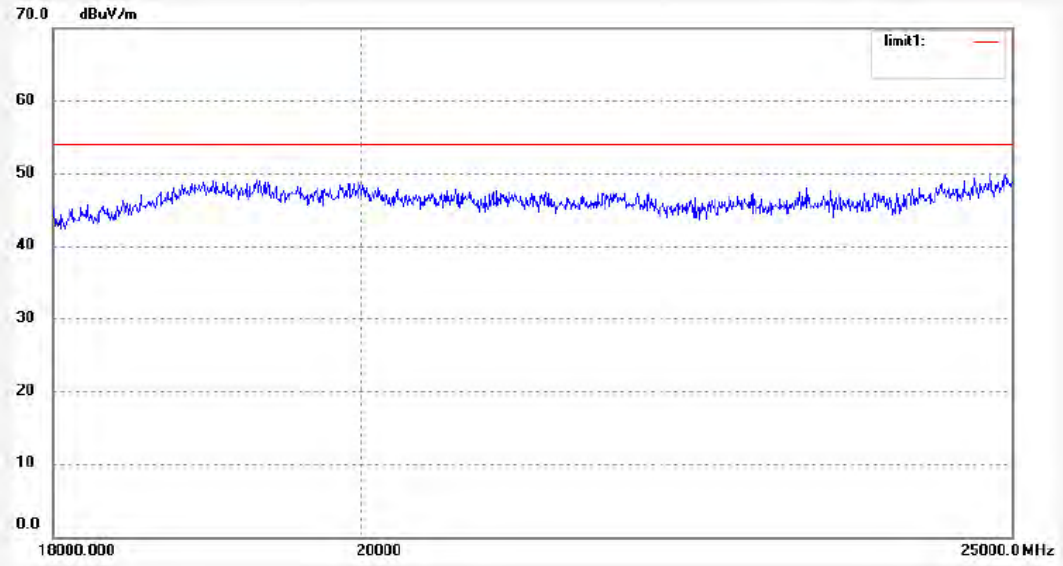


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: RTTE #5918	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 9V
Test item: Radiation Test	Date: 2011/10/12
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 12:01:19
EUT: Radio Controller	Engineer Signature: STAR
Mode: TX 2442MHz	Distance: 3m
Model: SGK-3/SID-5	
Manufacturer: SKYION(SHENZHEN)CO.,LTD.	

Note: Report No.:ATE20112078

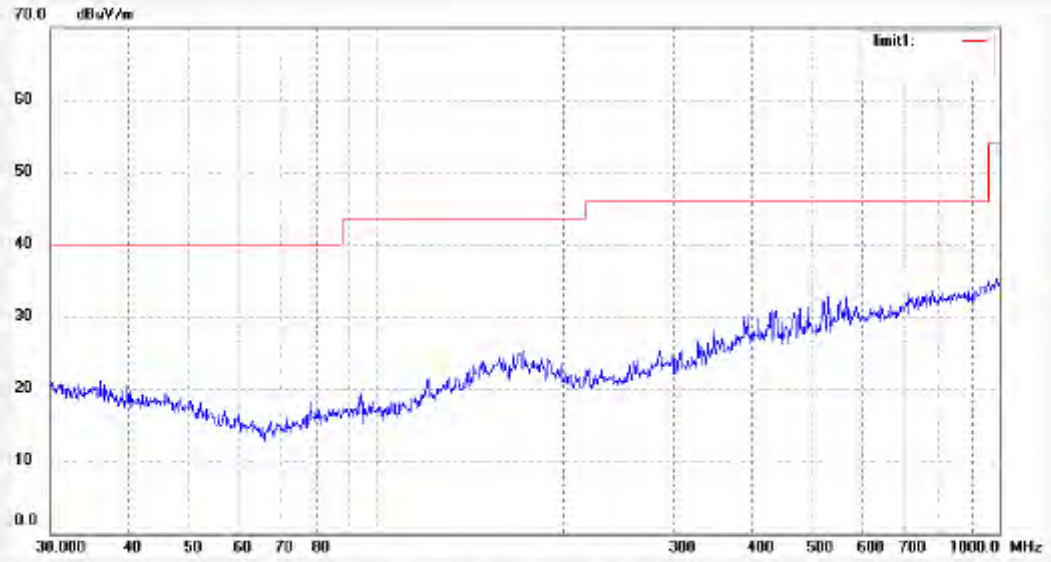


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: RTTE #5872	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 9V
Test item: Radiation Test	Date: 2011/10/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:19:41
EUT: Radio Controller	Engineer Signature: STAR
Mode: TX 2477MHz	Distance: 3m
Model: SGK-3/SID-5	
Manufacturer: SKYION(SHENZHEN)CO.,LTD.	

Note: Report No.:ATE20112078

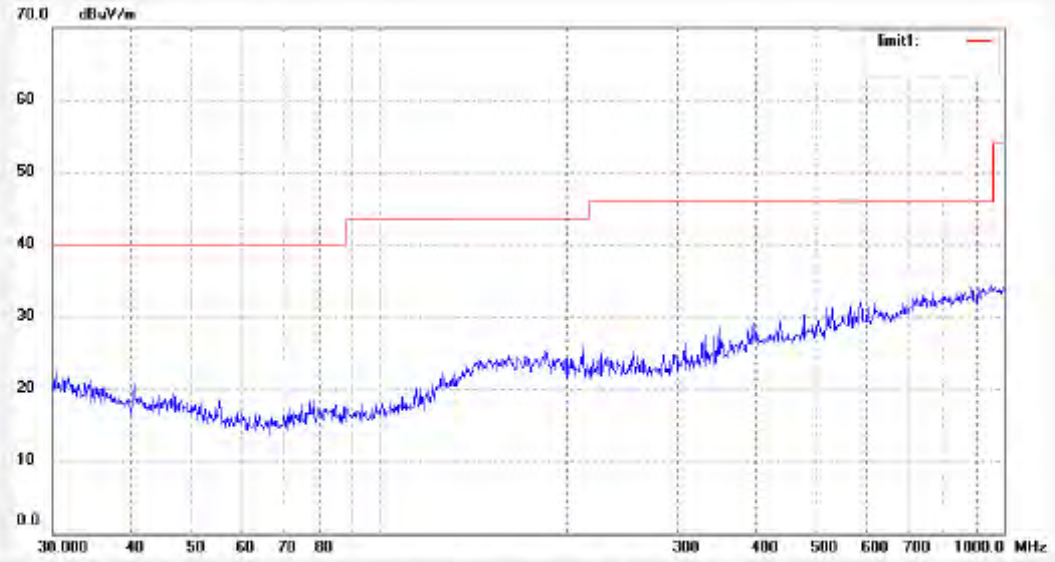


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: RTTE #5873	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 9V
Test item: Radiation Test	Date: 2011/10/11
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:23:50
EUT: Radio Controller	Engineer Signature: STAR
Mode: TX 2477MHz	Distance: 3m
Model: SGK-3/SID-5	
Manufacturer: SKYION(SHENZHEN)CO.,LTD.	

Note: Report No.:ATE20112078



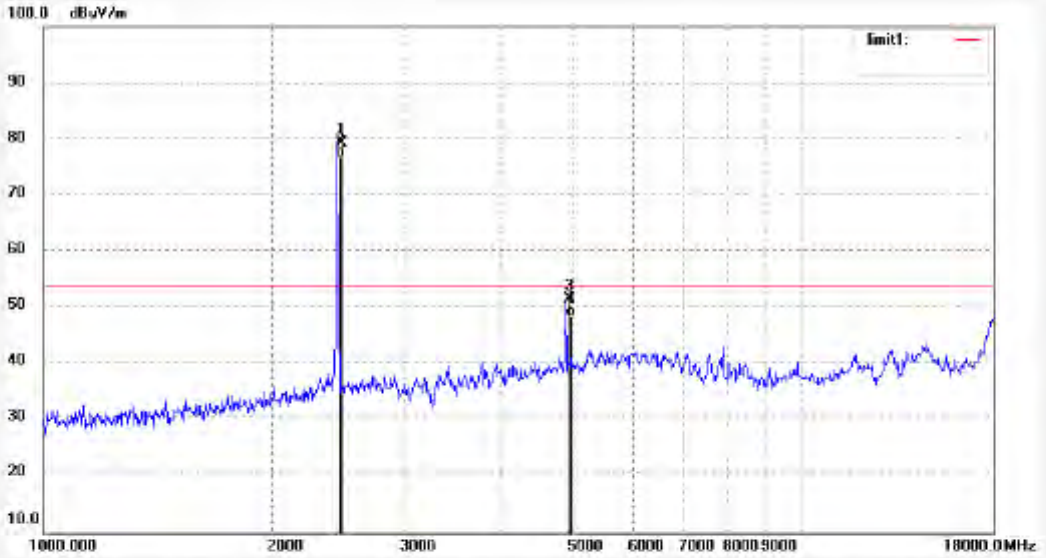
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #583
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Radio Controller
Mode: TX 2477MHz
Model: SGK-3/SID-5
Manufacturer: SKYION(SHENZHEN) CO.,LTD

Polarization: Horizontal
Power Source: DC 9V
Date: 2011-10-12
Time: 5:17:29
Engineer Signature: STAR
Distance:

Note: Report No.:ATE20112078



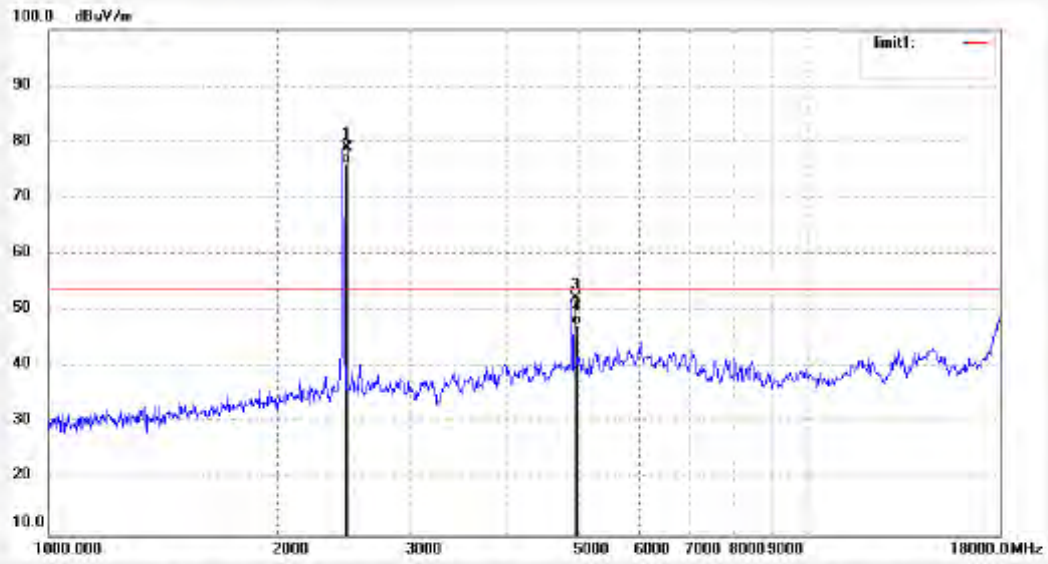
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2477.000	86.49	-7.37	79.12	114.0	-34.88	peak			
2	2477.000	84.07	-7.37	76.70	94.00	-17.30	AVG			
3	4954.000	51.13	0.47	51.60	74.00	-22.40	peak			
4	4954.000	47.83	0.47	48.30	54.00	-5.70	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #582
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Radio Controller
Mode: TX 2477MHz
Model: SGK-3/SID-5
Manufacturer: SKYION(SHENZHEN) CO.,LTD

Polarization: Vertical
Power Source: DC 9V
Date: 2011-10-12
Time: 5:10:05
Engineer Signature: STAR
Distance:

Note: Report No.:ATE20112078

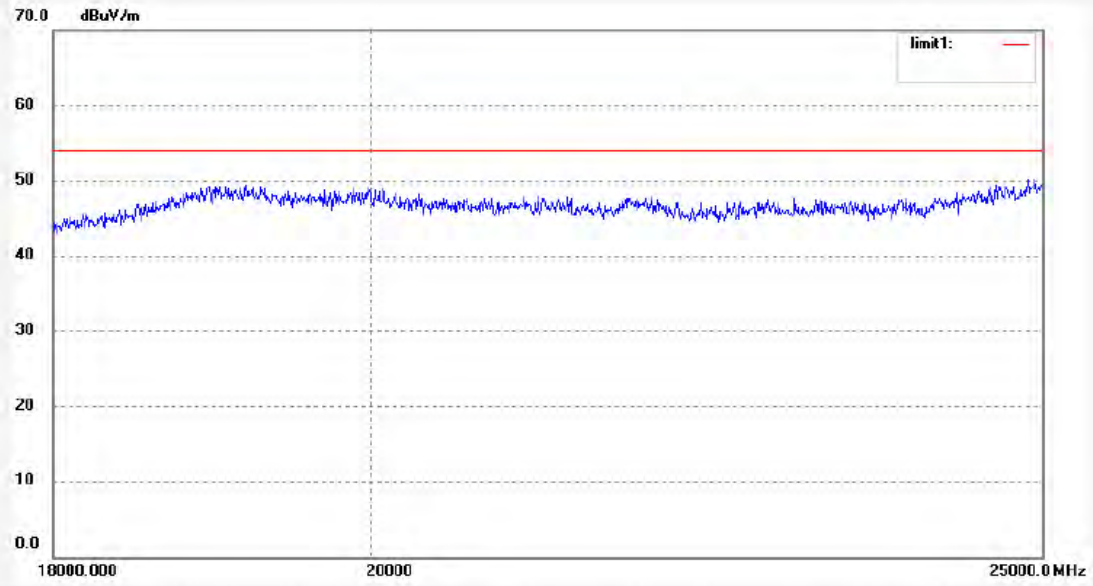


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2477.000	86.36	-7.37	78.99	114.0	-35.01	peak			
2	2477.000	83.37	-7.37	76.00	94.00	-18.00	AVG			
3	4954.000	51.79	0.47	52.26	74.00	-21.74	peak			
4	4954.000	46.93	0.47	47.40	54.00	-6.60	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.: RTTE #5920	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 9V
Test item: Radiation Test	Date: 2011/10/12
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 12:10:41
EUT: Radio Controller	Engineer Signature: STAR
Mode: TX 2477MHz	Distance: 3m
Model: SGK-3/SID-5	
Manufacturer: SKYION(SHENZHEN)CO.,LTD.	

Note: Report No.:ATE20112078



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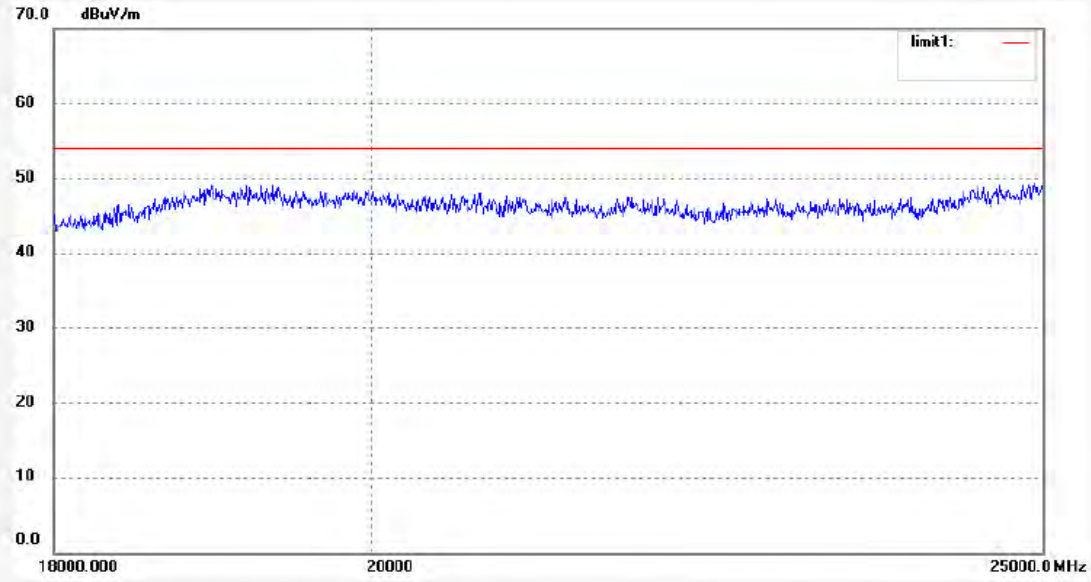
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5921	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 9V
Test item: Radiation Test	Date: 2011/10/12
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 12:15:08
EUT: Radio Controller	Engineer Signature: STAR
Mode: TX 2477MHz	Distance: 3m
Model: SGK-3/SID-5	
Manufacturer: SKYION(SHENZHEN)CO.,LTD.	

Note: Report No.:ATE20112078



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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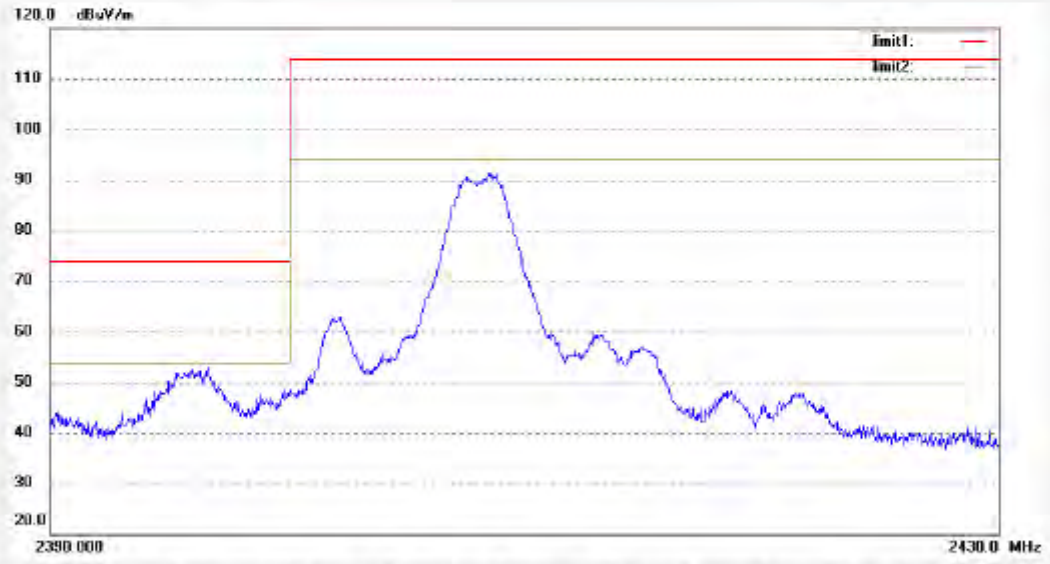
Fax:+86-0755-26503396

Job No.: STAR #601	Polarization: Horizontal
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 9V
Test item: Radiation Test	Date: 2011-10-12
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 6/38/47
EUT: Radio Controller	Engineer Signature: STAR
Mode: TX 2407MHz	Distance:
Model: SGK-3/SID-5	
Manufacturer: SKYION(SHENZHEN) CO.,LTD	

Note: Report No.:ATE20112078



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,
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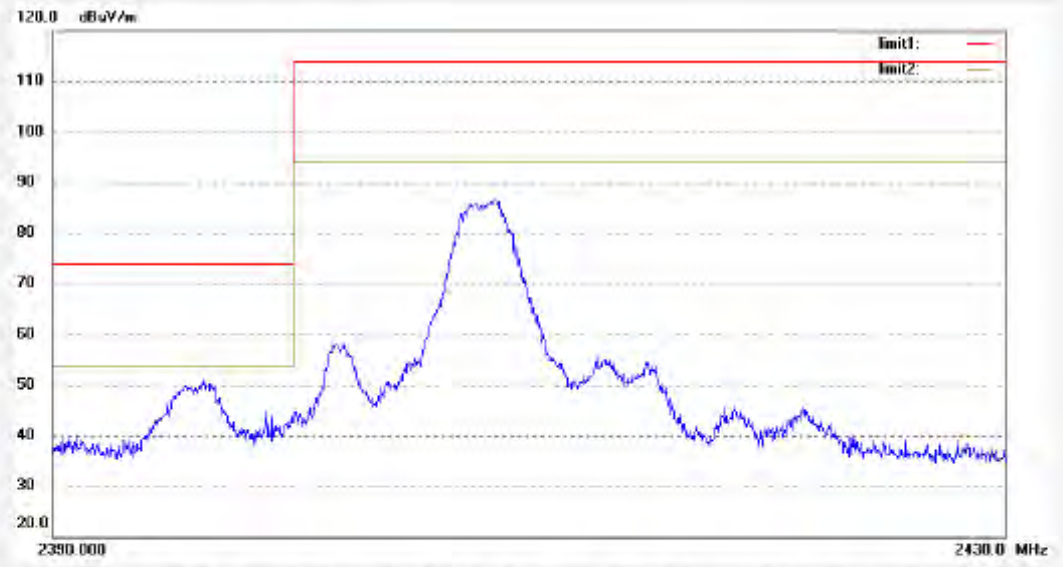
Job No.: STAR #600	Polarization: Vertical
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 9V
Test item: Radiation Test	Date: 2011-10-12
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 6/36/51
EUT: Radio Controller	Engineer Signature: STAR
Mode: TX 2407MHz	Distance:
Model: SGK-3/SID-5	
Manufacturer: SKYION(SHENZHEN) CO.,LTD	

Note: Report No.:ATE20112078

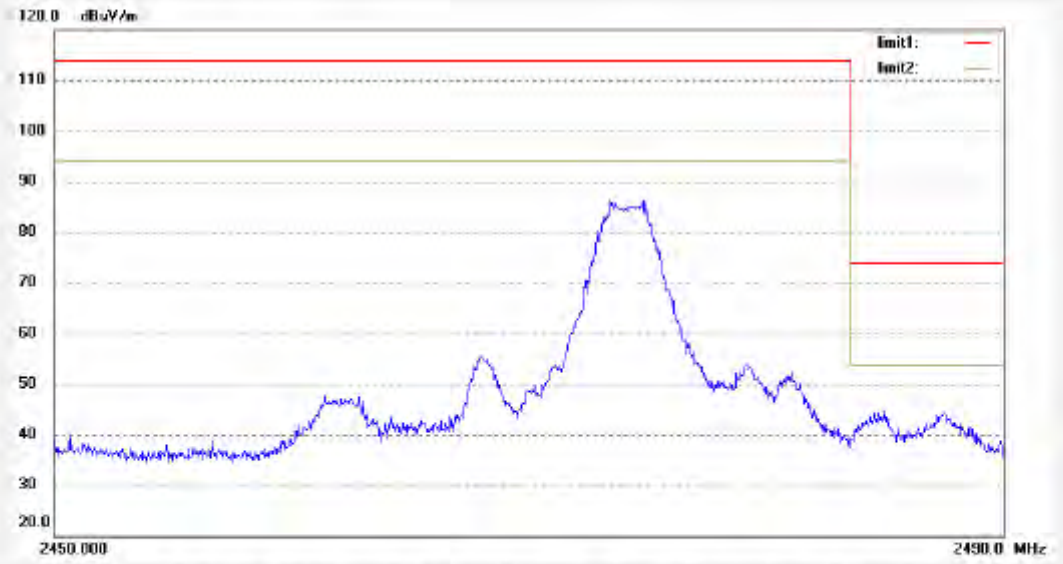


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #603	Polarization: Vertical
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 9V
Test item: Radiation Test	Date: 2011-10-12
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 6/43/14
EUT: Radio Controller	Engineer Signature: STAR
Mode: TX 2477MHz	Distance:
Model: SGK-3/SID-5	
Manufacturer: SKYION(SHENZHEN) CO.,LTD	

Note: Report No.:ATE20112078



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,
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Fax:+86-0755-26503396

Job No.: STAR #602	Polarization: Vertical
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 9V
Test item: Radiation Test	Date: 2011-10-12
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 6/40/43
EUT: Radio Controller	Engineer Signature: STAR
Mode: TX 2477MHz	Distance:
Model: SGK-3/SID-5	
Manufacturer: SKYION(SHENZHEN) CO.,LTD	

Note: Report No.:ATE20112078

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

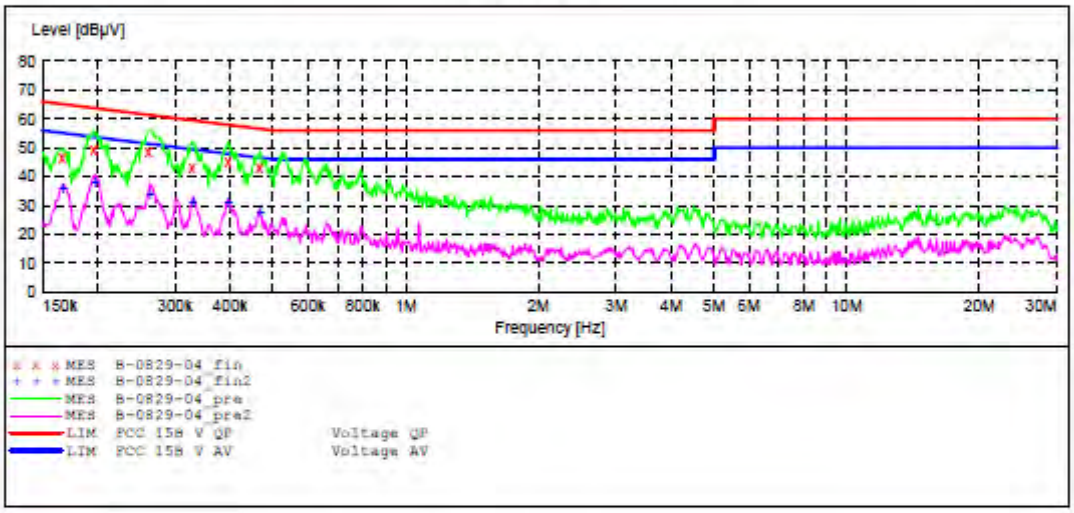
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                  Radio Controller    M/N:SGK-3/SID-5
Manufacturer:         SKYION(SHENZHEN)CO.,LTD.
Operating Condition:  Charging
Test Site:            1#Shielding Room
Operator:             Star
Test Specification:   N  120V/60Hz
Comment:              Report No.:ATE20112078
Start of Test:        10/13/2011  / 1:59:15PM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:                 _SUB_STD_VTERM2 1.70
  Start      Stop       Step        Detector  Meas.     IF       Transducer
  Frequency  Frequency  Width                 Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %       QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                    Average
```



MEASUREMENT RESULT: "B-0829-04_fin"

10/18/2011 2:03PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.166406	46.30	11.1	65.1	18.8	QP	N	GND
0.195997	49.30	11.2	63.8	14.5	QP	N	GND
0.261263	48.30	11.5	61.4	13.1	QP	N	GND
0.328019	43.30	11.6	59.5	16.2	QP	N	GND
0.395716	45.20	11.8	57.9	12.7	QP	N	GND
0.466086	43.30	11.9	56.6	13.3	QP	N	GND

MEASUREMENT RESULT: "B-0829-04_fin2"

10/18/2011 2:03PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.167071	36.10	11.1	55.1	19.0	AV	N	GND
0.197568	38.40	11.2	53.7	15.3	AV	N	GND
0.263357	34.00	11.5	51.3	17.3	AV	N	GND
0.329331	31.00	11.7	49.5	18.5	AV	N	GND
0.395716	31.00	11.8	47.9	16.9	AV	N	GND
0.467950	27.90	11.9	46.6	18.7	AV	N	GND

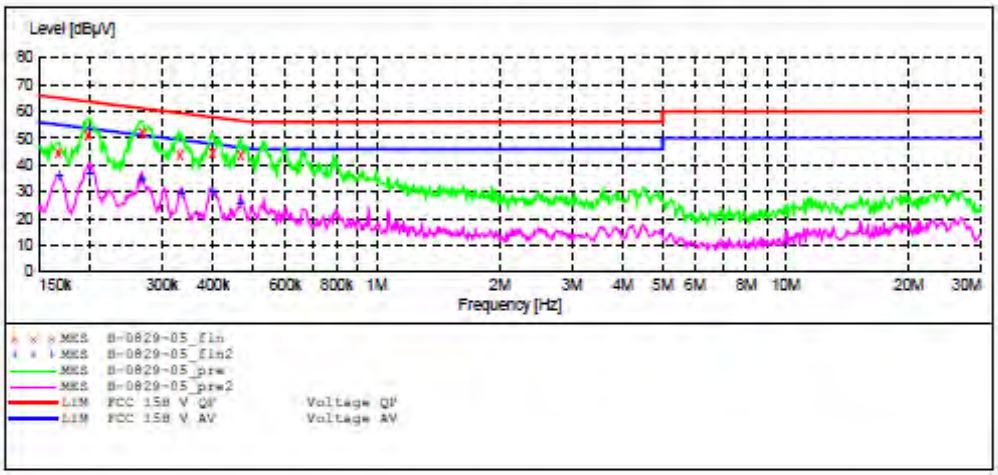
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                    Radio Controller     M/N:SGK-3/SID-5
Manufacturer:           SKYION(SHENZHEN)CO.,LTD.
Operating Condition:    Charging
Test Site:              1#Shielding Room
Operator:               Star
Test Specification:     L  120V/60Hz
Comment:                Report No.:ATE20112078
Start of Test:          10/18/2011  / 2:07:37PM
```

SCAN TABLE: "V 150K-30MHz fin"

```
Short Description:                SUB STD VTERM2 1.70
Start       Stop        Step      Detector  Meas.     IF       Transducer
Frequency   Frequency   Width               Time      Bandw.
150.0 kHz   30.0 MHz    0.8 ¢     QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "B-0829-05_fin"

10/18/2011 2:09PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.167071	44.10	11.1	65.1	21.0	QP	L1	GND
0.197568	51.30	11.2	63.7	12.4	QP	L1	GND
0.268666	52.10	11.5	61.2	9.1	QP	L1	GND
0.330648	43.90	11.7	59.4	15.5	QP	L1	GND
0.397299	44.70	11.8	57.9	13.2	QP	L1	GND
0.466086	43.60	11.9	56.6	13.0	QP	L1	GND

MEASUREMENT RESULT: "B-0829-05_fin2"

10/18/2011 2:09PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.167739	35.90	11.1	55.1	19.2	AV	L1	GND
0.199152	37.10	11.2	53.6	16.5	AV	L1	GND
0.267596	34.80	11.5	51.2	16.4	AV	L1	GND
0.333299	29.30	11.7	49.4	20.1	AV	L1	GND
0.397299	30.00	11.8	47.9	17.9	AV	L1	GND
0.464229	25.90	11.9	46.6	20.7	AV	L1	GND