FCC CERTIFICATION
On Behalf of
Interactive Toy Concepts Limited

2.4G VECHICLE
Model No.: 425XXRX

FCC ID: RSD-425XXRX

Prepared for	:	Interactive Toy Concepts Limited
Address	:	Unit 709, 7/F., Tower 2, Cheung Sha Wan Plaza, No.833 Cheung Sha Wan Rd., Kowloon, Hong Kong
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	:	ATE20140685
Date of Test	:	May 6, 2014
Date of Report	:	May 19, 2014

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Description Page

Test Report Certification

Applicant	:	Interactive Toy Concepts Limited
Manufacturer	:	Interactive Toy Concepts Limited
EUT Description	:	2.4G VECHICLE
		(A) MODEL NO.: 425XXRX
		(B) POWER SUPPLY: DC 10.5V

Measurement Procedure Used:

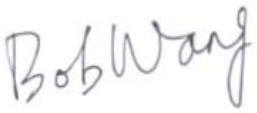
FCC Rules and Regulations Part 15 Subpart C Section 15.249
ANSI C63.4: 2009

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 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 : May 6, 2014

Prepared by :



(Engineer)

Approved & Authorized Signer :

(Manager)

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT	:	2.4G VECHICLE
Model Number	:	425XXRX
Power Supply	:	DC 10.5V
Operate Frequency	:	2405.000-2468.000MHz
Applicant	:	Interactive Toy Concepts Limited
Address	:	Unit 709, 7/F., Tower 2, Cheung Sha Wan Plaza, No.833 Cheung Sha Wan Rd., Kowloon, Hong Kong
Manufacturer	:	Interactive Toy Concepts Limited
Address	:	Unit 709, 7/F., Tower 2, Cheung Sha Wan Plaza, No.833 Cheung Sha Wan Rd., Kowloon, Hong Kong
Date of sample received	:	May 4, 2014
Date of Test	:	May 6, 2014

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 date	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 11, 2014	Jan. 10, 2015
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 11, 2014	Jan. 10, 2015
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 11, 2014	Jan. 10, 2015
Pre-Amplifier	Rohde&Schwarz	CBLU1183540-01	3791	Jan. 11, 2014	Jan. 10, 2015
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 15, 2014	Jan. 14, 2015
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 15, 2014	Jan. 14, 2015
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 15, 2014	Jan. 14, 2015
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 15, 2014	Jan. 14, 2015
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 11, 2014	Jan. 10, 2015
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 11, 2014	Jan. 10, 2015

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
Section 15.207	AC Power Line Conducted Emission Test	N/A

Remark: “N/A” means “Not applicable”.

4. FUNDAMENTAL AND HARMONICS RADIATED EMISSION FOR SECTION 15.249(A)

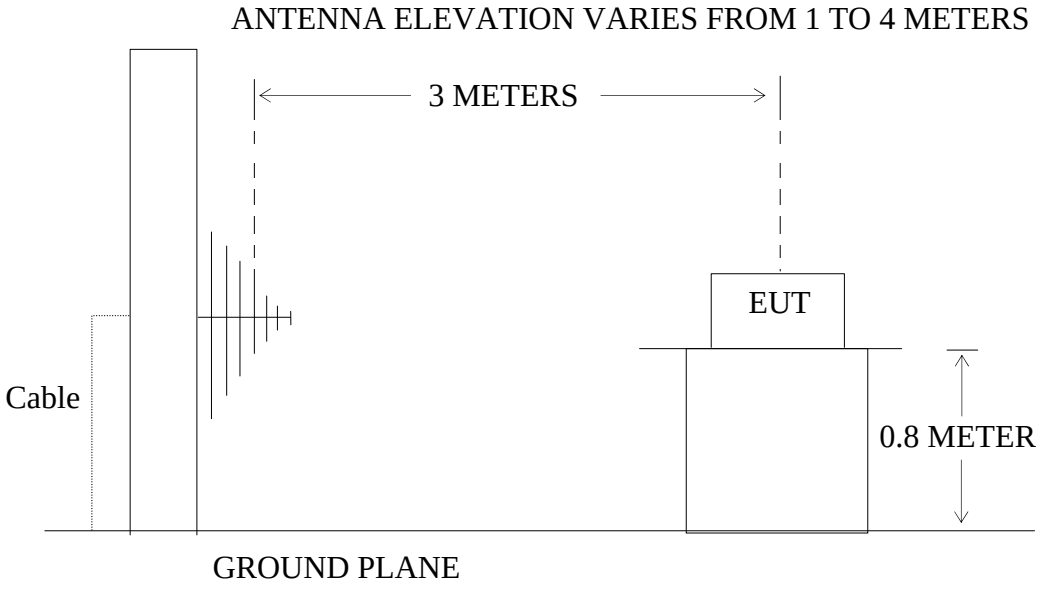
4.1.Block Diagram of Test Setup

4.1.1.Block diagram of connection between the EUT and simulators

EUT

(EUT: 2.4G VECHICLE)

4.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: 2.4G VECHICLE)

4.2.The Emission Limit

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

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

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

4.3.Configuration of EUT on Measurement

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

4.3.1. 2.4G VECHICLE (EUT)

Model Number **:** 425XXRX
Serial Number **:** N/A
Manufacturer **:** Interactive Toy Concepts Limited

4.4.Operating Condition of EUT

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

4.4.2.Turn on the power of all equipment.

4.4.3. Let the EUT work in TX modes measure it. The transmit frequency are 2405.000-2468.000MHz. We are select 2405.000MHz, 2442.000MHz, 2468.000MHz TX frequency to transmit.

4.5. Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bi-log antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2009 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

The bandwidth of test receiver is set at 120kHz in 30-1000MHz. and set at 1MHz in above 1000MHz.

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

4.6.The Field Strength of Radiation Emission Measurement Results

PASS.

Date of Test:	May 6, 2014	Temperature:	25°C
EUT:	2.4G VECHICLE	Humidity:	50%
Model No.:	425XXRX	Power Supply:	DC 10.5V
Test Mode:	TX 2405.000MHz	Test Engineer:	Pei

Fundamental Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2405.000	89.15	96.91	-6.75	82.40	90.16	94.00	114.00	-11.60	-23.84	Vertical
2405.000	92.87	100.10	-6.75	86.12	93.35	94.00	114.00	-7.88	-20.65	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	
4810.000	52.36	57.73	-1.59	50.77	56.14	54.00	74.00	-3.23	-17.86	Vertical
7215.000	47.52	52.32	1.30	48.82	53.62	54.00	74.00	-5.18	-20.38	Vertical
4810.000	50.10	56.61	-1.59	48.51	55.02	54.00	74.00	-5.49	-18.98	Horizontal
7215.000	45.27	50.32	1.30	46.57	51.62	54.00	74.00	-7.43	-22.38	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:	May 6, 2014	Temperature:	25°C
EUT:	2.4G VECHICLE	Humidity:	50%
Model No.:	425XXRX	Power Supply:	DC 10.5V
Test Mode:	TX 2442.000MHz	Test Engineer:	Pei

Fundamental Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2442.000	92.74	99.68	-6.64	86.10	93.04	94.00	114.00	-7.90	-20.60	Vertical
2442.000	93.57	101.75	-6.64	86.93	95.11	94.00	114.00	-7.07	-18.89	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	51.80	57.36	-1.34	50.46	56.02	54.00	74.00	-3.54	-17.98	Vertical
7326.000	46.00	50.43	1.40	47.40	51.83	54.00	74.00	-6.60	-22.17	Vertical
4884.000	49.78	55.87	-1.34	48.44	54.53	54.00	74.00	-5.56	-19.47	Horizontal
7326.000	44.96	50.09	1.40	46.36	51.49	54.00	74.00	-7.64	-22.51	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor

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

Date of Test:	May 6, 2014	Temperature:	25°C
EUT:	2.4G VECHICLE	Humidity:	50%
Model No.:	425XXRX	Power Supply:	DC 10.5V
Test Mode:	TX 2468.000MHz	Test Engineer:	Pei

Fundamental Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2468.000	93.10	100.12	-6.57	86.53	93.55	94.00	114.00	-7.47	-20.45	Vertical
2468.000	92.68	100.49	-6.57	86.11	93.92	94.00	114.00	-7.89	-20.08	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	
4936.000	51.14	56.46	-1.18	49.96	55.28	54.00	74.00	-4.04	-18.72	Vertical
7404.000	45.10	50.31	1.47	46.57	51.78	54.00	74.00	-7.43	-22.22	Vertical
4936.000	52.69	58.41	-1.18	51.51	57.23	54.00	74.00	-2.49	-16.77	Horizontal
7404.000	47.63	53.89	1.47	49.10	55.36	54.00	74.00	-4.90	-18.64	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor

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

5. SPURIOUS RADIATED EMISSION FOR SECTION 15.249(D)

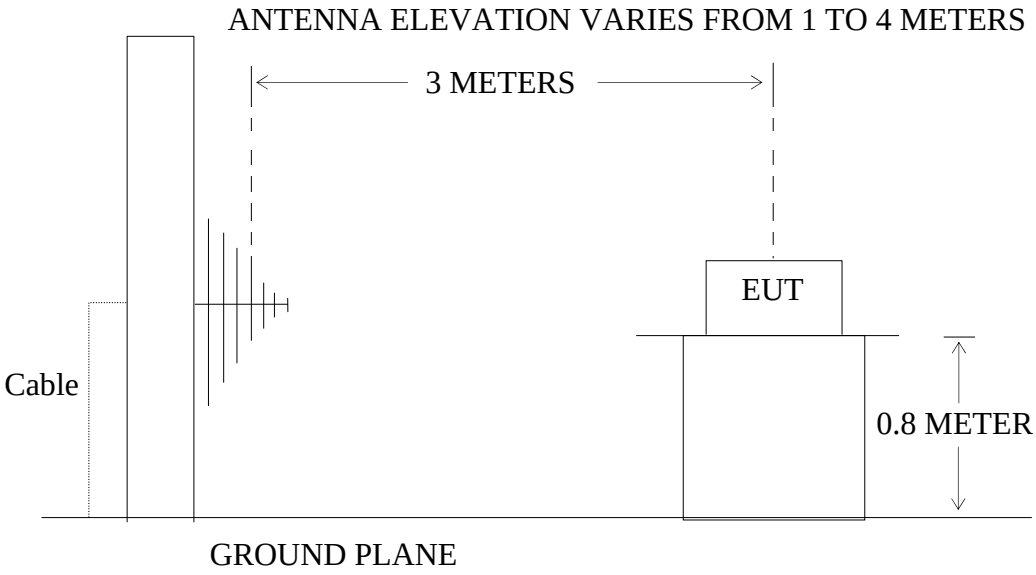
5.1.Block Diagram of Test Setup

5.1.1.Block diagram of connection between the EUT and simulators

EUT

(EUT: 2.4G VECHICLE)

5.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: 2.4G VECHICLE)

5.2.The Emission Limit For Section 15.249(d)

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

Radiation Emission Measurement Limits According to Section 15.209

Frequency (MHz)	Limit		
	Field Strength (microvolts/meter)	Measurement Distance (meters)	The final measurement in band 9-90kHz, 110-490kHz and above 1000MHz is performed with Average detector.
0.009 – 0.490	2400/F(kHz)	300	

0.490 – 1.705	24000/F(kHz)	30	Except those frequency bands mention above, the final measurement for frequencies below 1000MHz is performed with Quasi Peak detector.
1.705 – 30.0	30	30	
30 - 88	100	3	
88 - 216	150	3	
216 - 960	200	3	
Above 960	500	3	

5.3.EUT Configuration on Measurement

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

5.3.1. 2.4G VECHICLE (EUT)

Model Number **:** 425XXRX
Serial Number **:** N/A
Manufacturer **:** Interactive Toy Concepts Limited

5.4.Operating Condition of EUT

5.4.1.Setup the EUT and simulator as shown as Section 5.1.

5.4.2.Turn on the power of all equipment.

5.4.3. Let the EUT work in TX modes measure it. The transmit frequency are 2405.000-2468.000MHz. We are select 2405.000MHz, 2442.000MHz, 2468.000MHz TX frequency to transmit.

5.5. Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2009 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

The bandwidth of test receiver is set at 9kHz in below 30MHz. and set at 120kHz in 30-1000MHz, and 1MHz in above 1000MHz.

The frequency range from 9kHz to 25GHz is checked.

The final measurement in band 9-90kHz, 110-490kHz and above 1000MHz is performed with Average detector. Except those frequency bands mention above, the final measurement for frequencies below 1000MHz is performed with Quasi Peak detector.

5.6. The Emission Measurement Result

PASS.

Date of Test:	May 6, 2014	Temperature:	25°C
EUT:	2.4G VECHICLE	Humidity:	50%
Model No.:	425XXRX	Power Supply:	DC 10.5V
Test Mode:	TX 2405.000MHz	Test Engineer:	Pei

30MHz-25GHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
119.8555	47.91	-22.52	25.39	43.50	-18.11	Vertical
360.4476	40.58	-15.92	24.66	46.00	-21.34	
768.7481	39.96	-8.30	31.66	46.00	-14.34	
228.4903	50.45	-19.87	30.58	46.00	-15.42	Horizontal
360.4476	52.29	-15.92	36.37	46.00	-9.63	
768.7481	39.81	-8.30	31.51	46.00	-14.49	

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:	May 6, 2014	Temperature:	25°C
EUT:	2.4G VECHICLE	Humidity:	50%
Model No.:	425XXRX	Power Supply:	DC 10.5V
Test Mode:	TX 2442.000MHz	Test Engineer:	Pei

30MHz-25GH

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
119.8555	47.67	-22.52	25.15	43.50	-18.35	Vertical
360.44763	41.03	-15.92	25.11	46.00	-20.89	
768.7481	39.55	-8.30	31.25	46.00	-14.75	
228.4903	50.55	-19.87	30.68	46.00	-15.32	Horizontal
360.4476	51.90	-15.92	35.98	46.00	-10.02	
793.3958	38.48	-7.87	30.61	46.00	-15.39	

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:	May 6, 2014	Temperature:	25°C
EUT:	2.4G VECHICLE	Humidity:	50%
Model No.:	425XXRX	Power Supply:	DC 10.5V
Test Mode:	TX 2468.000MHz	Test Engineer:	Pei

30MHz-25GH

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
119.8555	47.50	-22.52	24.98	43.50	-18.52	Vertical
360.4476	41.39	-15.92	25.47	46.00	-20.53	
768.7481	39.35	-8.30	31.05	46.00	-14.95	
228.4903	50.23	-19.87	30.36	46.00	-15.64	Horizontal
360.4476	52.47	-15.92	36.55	46.00	-9.45	
768.7481	38.90	-8.30	30.60	46.00	-15.40	

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor

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

6. BAND EDGES

6.1.The Requirement

6.1.1.Band Edge from 2400MHz to 2483.5MHz. Emission radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

6.2.EUT Configuration on Measurement

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

6.2.1. 2.4G VECHICLE (EUT)

Model Number	**:**	425XXRX
Serial Number	**:**	N/A
Manufacturer	**:**	Interactive Toy Concepts Limited

6.3.Operating Condition of EUT

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

6.3.2.Turn on the power of all equipment.

6.3.3. Let the EUT work in TX modes measure it. The transmit frequency are 2405.000-2468.000MHz MHz. We are select 2405.000MHz, 2468.000MHz TX frequency to transmit.

6.4.Test Procedure

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

6.5.The Measurement Result

Pass.

Date of Test:	May 6, 2014	Temperature:	25°C
EUT:	2.4G VECHICLE	Humidity:	50%
Model No.:	425XXRX	Power Supply:	DC 10.5V
Test Mode:	TX 2405.000MHz	Test Engineer:	Pei

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2310.000	36.14	43.14	-6.99	29.15	36.15	54.00	74.00	-24.85	-37.85	Vertical
2390.000	34.50	41.80	-6.78	27.72	35.02	54.00	74.00	-26.28	-38.98	Vertical
2310.000	35.17	42.91	-6.99	28.18	35.92	54.00	74.00	-25.82	-38.08	Horizontal
2390.000	36.20	42.87	-6.78	29.42	36.09	54.00	74.00	-24.58	-37.91	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:	May 6, 2014	Temperature:	25°C
EUT:	2.4G VECHICLE	Humidity:	50%
Model No.:	425XXRX	Power Supply:	DC 10.5V
Test Mode:	TX 2468.000MHz	Test Engineer:	Pei

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	36.51	43.40	-6.54	29.97	36.86	54.00	74.00	-24.03	-37.14	Vertical
2500.000	37.90	43.21	-6.50	31.40	36.71	54.00	74.00	-22.60	-37.29	Vertical
2483.500	37.60	43.68	-6.54	31.06	37.14	54.00	74.00	-22.94	-36.86	Horizontal
2500.000	36.90	43.13	-6.50	30.40	36.63	54.00	74.00	-23.60	-37.37	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:

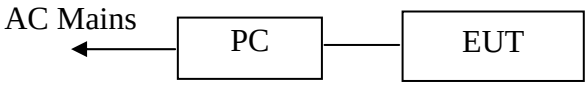
   Result = Reading + Corrected Factor

   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)

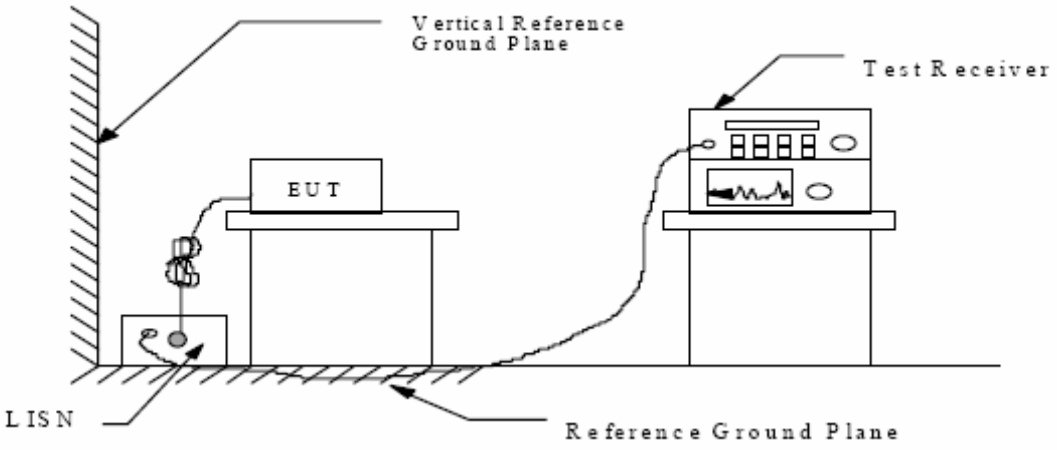
7.1.Block Diagram of Test Setup

7.1.1.Block diagram of connection between the EUT and simulators



(EUT: 2.4G VECHICLE)

7.1.2.Shielding Room Test Setup Diagram



(EUT: 2.4G VECHICLE)

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.

7.3.1.2.4G VECHICLE (EUT)

Model Number	**:**	425XXRX
Serial Number	**:**	N/A
Manufacturer	**:**	Interactive Toy Concepts Limited

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

There is no connection to AC mains. Therefore, the test is not applicable and skipped.

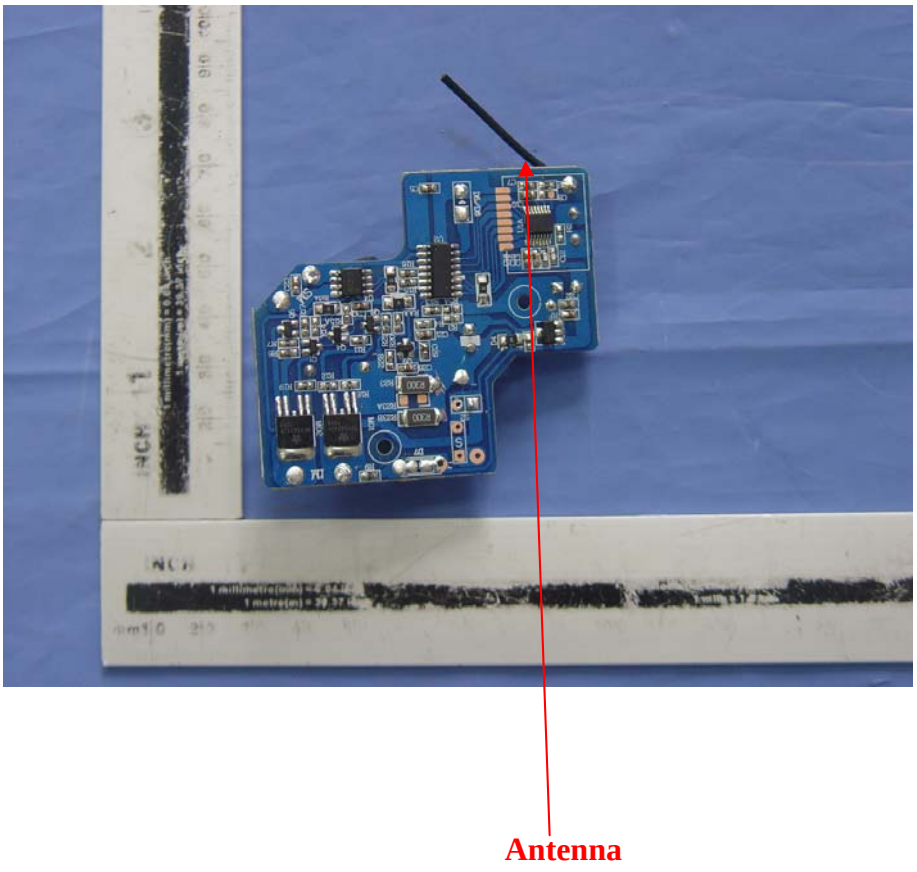
8. ANTENNA REQUIREMENT

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.



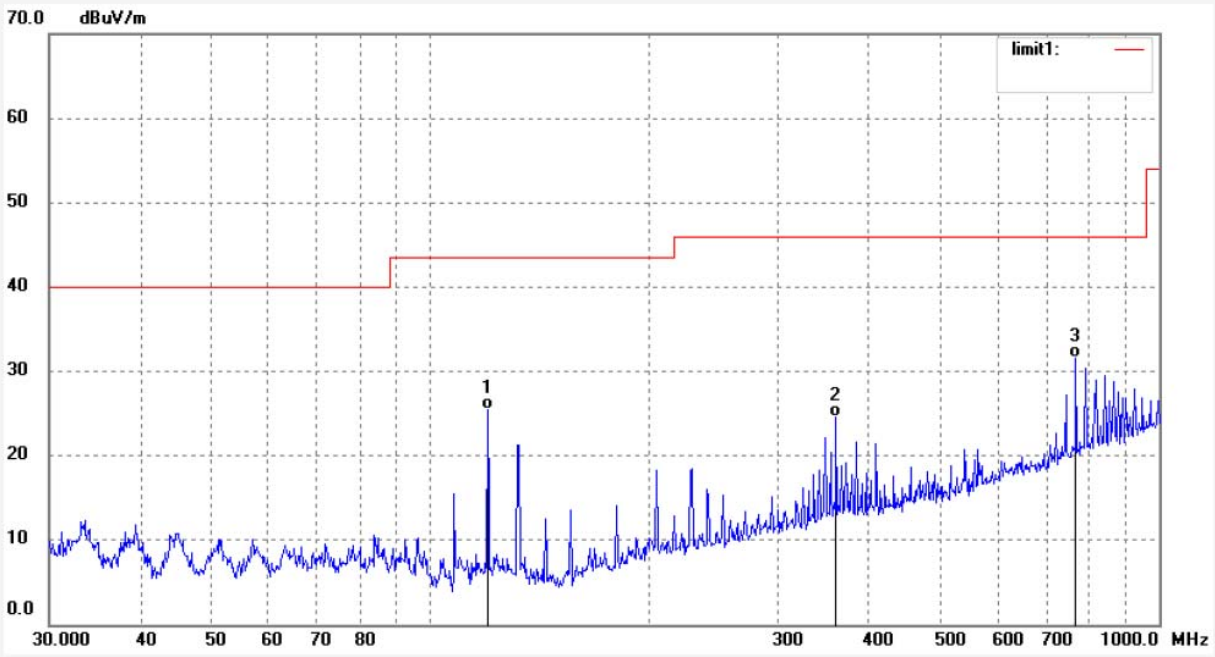
APPENDIX I
(Test Curves)

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #261
Standard: FCC PART 15B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: 2.4G VECHICLE
Mode: TX 2405MHz
Model: 425XXRX
Manufacturer: Interactive

Polarization: Vertical
Power Source: DC 10.5V
Date: 14/05/06/
Time: 17/10/38
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	119.8555	47.91	-22.52	25.39	43.50	-18.11	QP			
2	360.4476	40.58	-15.92	24.66	46.00	-21.34	QP			
3	768.7481	39.96	-8.30	31.66	46.00	-14.34	QP			

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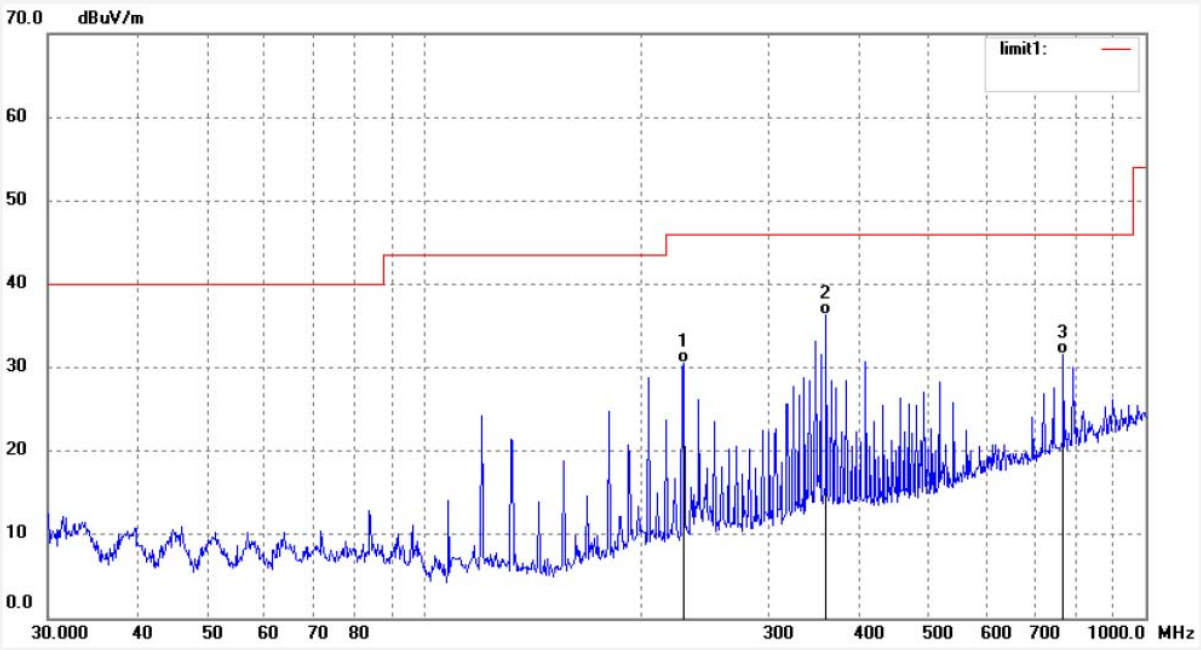
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #262
Standard: FCC PART 15B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: 2.4G VECHICLE
Mode: TX 2405MHz
Model: 425XXRX
Manufacturer: Interactive

Polarization: Horizontal
Power Source: DC 10.5V
Date: 14/05/06/
Time: 17/13/18
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	228.4903	50.45	-19.87	30.58	46.00	-15.42	QP			
2	360.4476	52.29	-15.92	36.37	46.00	-9.63	QP			
3	768.7481	39.81	-8.30	31.51	46.00	-14.49	QP			

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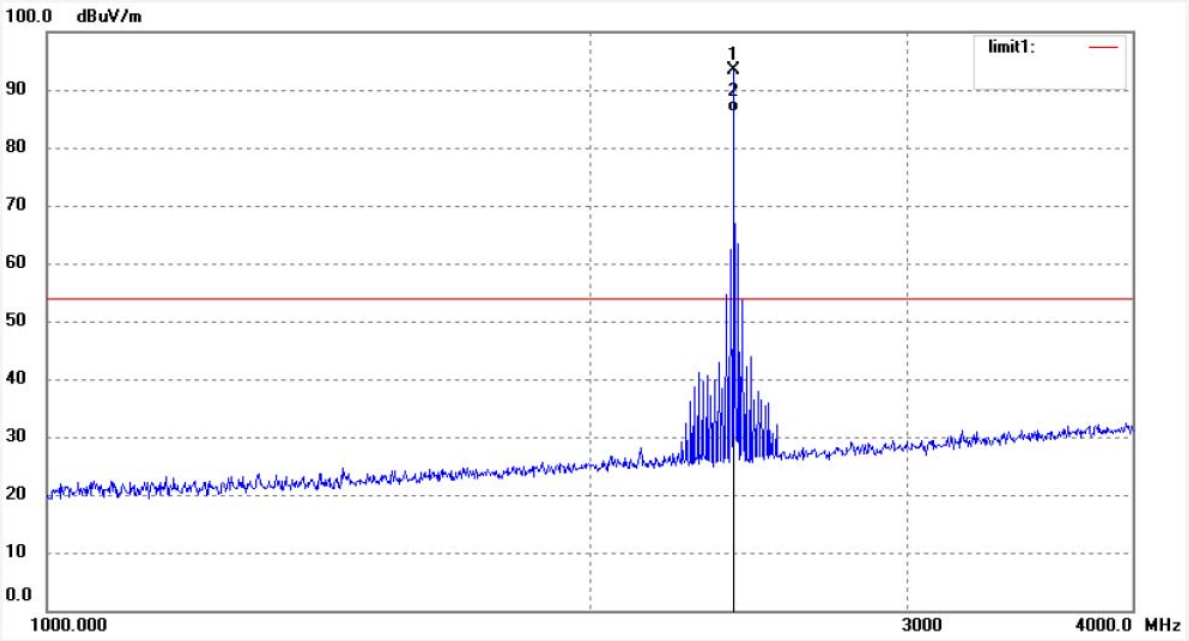
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #273	Polarization: Horizontal
Standard: FCC PART 15B 3M Radiated	Power Source: DC 10.5V
Test item: Radiation Test	Date: 14/05/06/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 17/56/55
EUT: 2.4G VECHICLE	Engineer Signature: STAR
Mode: TX 2405MHz	Distance: 3m
Model: 425XXRX	
Manufacturer: Interactive	

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2405.000	100.10	-6.75	93.35	114.00	-20.65	peak			
2	2405.000	92.87	-6.75	86.12	94.00	-7.88	AVG			

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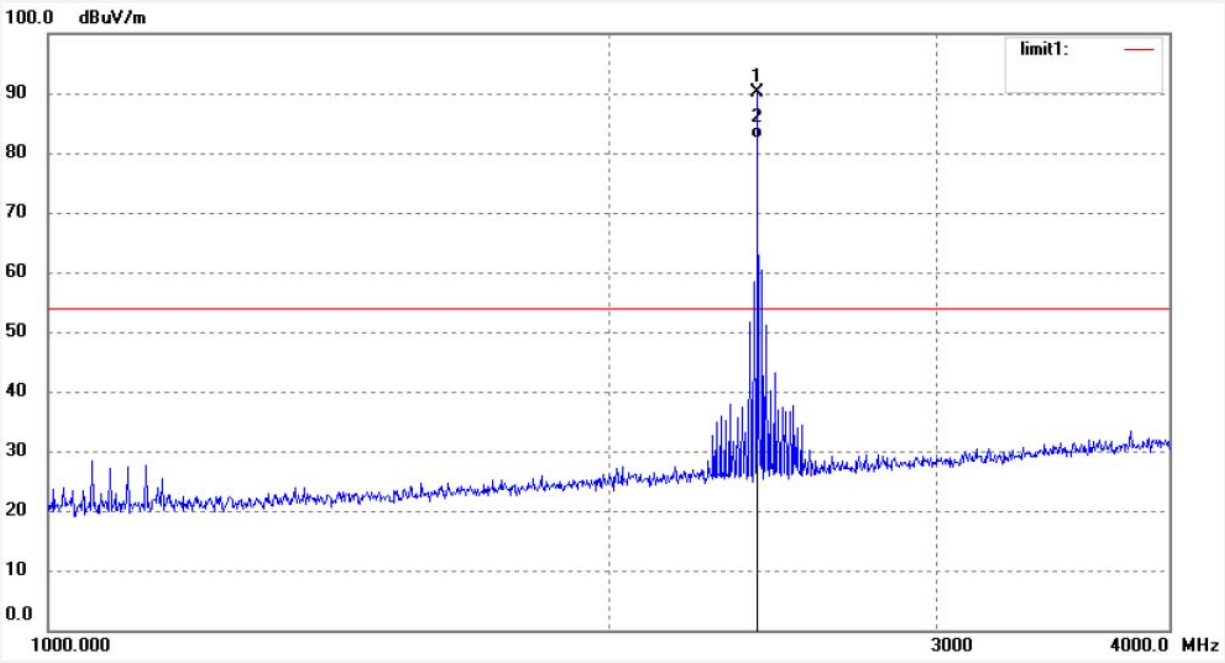
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #274	Polarization: Vertical
Standard: FCC PART 15B 3M Radiated	Power Source: DC 10.5V
Test item: Radiation Test	Date: 14/05/06/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 17/59/54
EUT: 2.4G VECHICLE	Engineer Signature: STAR
Mode: TX 2405MHz	Distance: 3m
Model: 425XXRX	
Manufacturer: Interactive	

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2405.000	96.91	-6.75	90.16	114.00	-23.84	peak			
2	2405.000	89.15	-6.75	82.40	94.00	-11.60	AVG			

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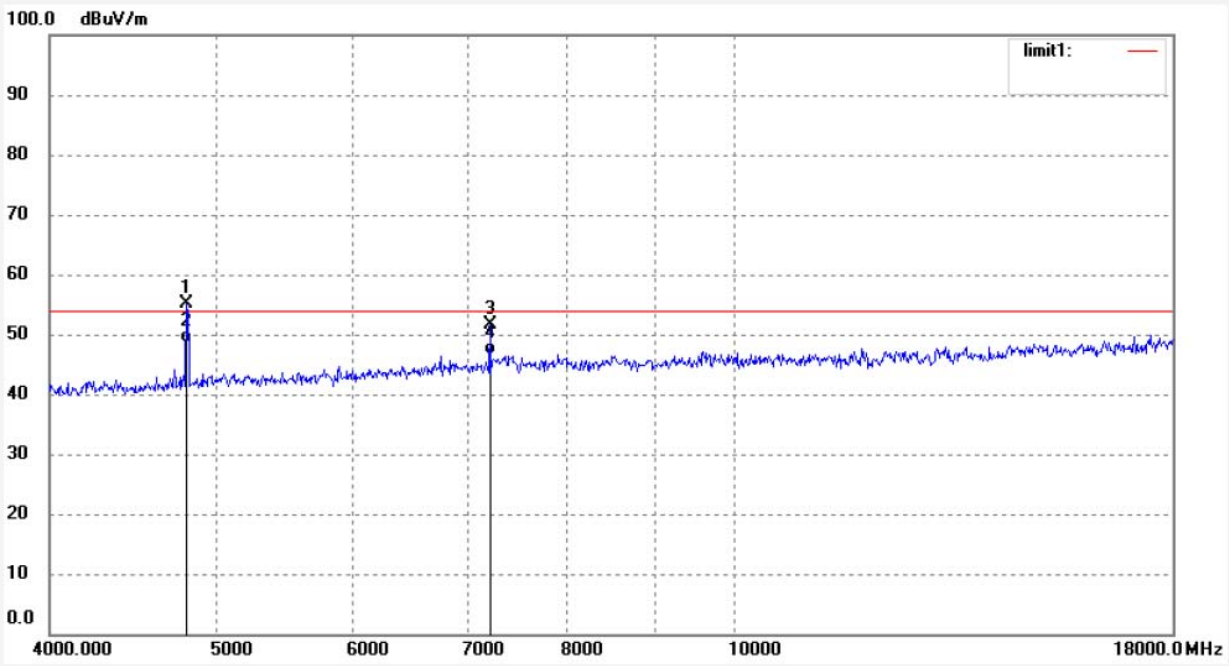
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #283
Standard: FCC PART 15B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: 2.4G VECHICLE
Mode: TX 2405MHz
Model: 425XXRX
Manufacturer: Interactive

Polarization: Horizontal
Power Source: DC 10.5V
Date: 14/05/06/
Time: 18/34/45
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4810.000	56.61	-1.59	55.02	74.00	-18.98	peak			
2	4810.000	50.10	-1.59	48.51	54.00	-5.49	AVG			
3	7215.000	50.32	1.30	51.62	74.00	-22.38	peak			
4	7215.000	45.27	1.30	46.57	54.00	-7.43	AVG			

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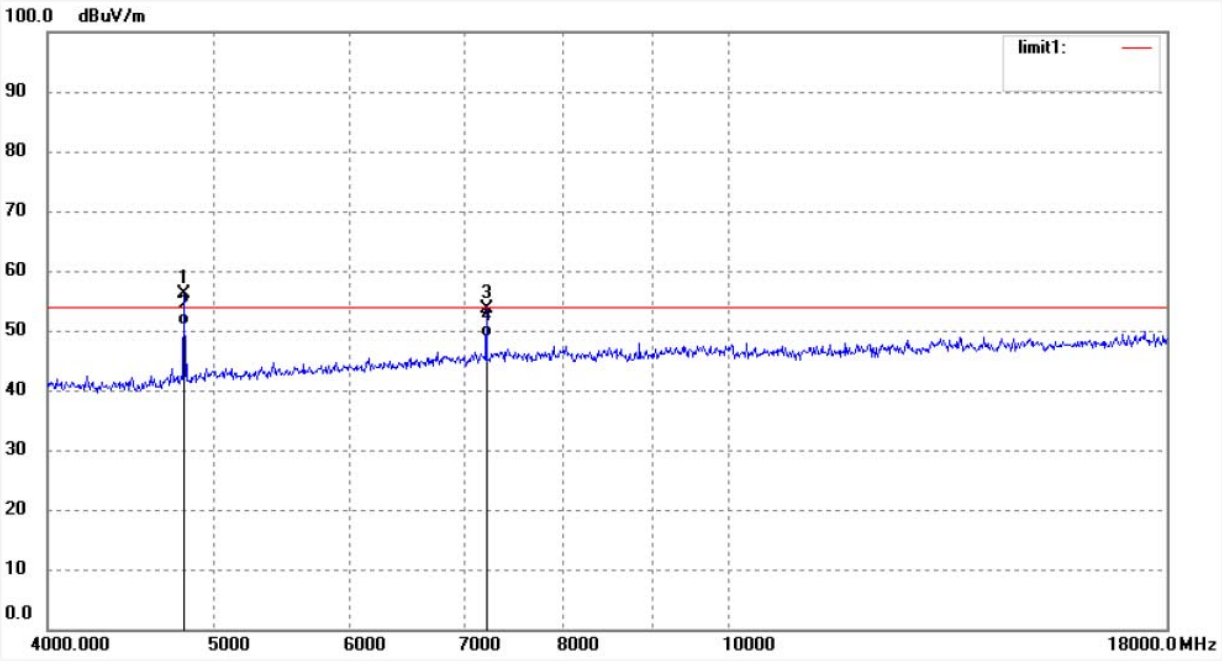
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #284	Polarization: Vertical
Standard: FCC PART 15B 3M Radiated	Power Source: DC 10.5V
Test item: Radiation Test	Date: 14/05/06/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 18/38/43
EUT: 2.4G VECHICLE	Engineer Signature: STAR
Mode: TX 2405MHz	Distance: 3m
Model: 425XXRX	
Manufacturer: Interactive	

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4810.000	57.73	-1.59	56.14	74.00	-17.86	peak			
2	4810.000	52.36	-1.59	50.77	54.00	-3.23	AVG			
3	7215.000	52.32	1.30	53.62	74.00	-20.38	peak			
4	7215.000	47.52	1.30	48.82	54.00	-5.18	AVG			

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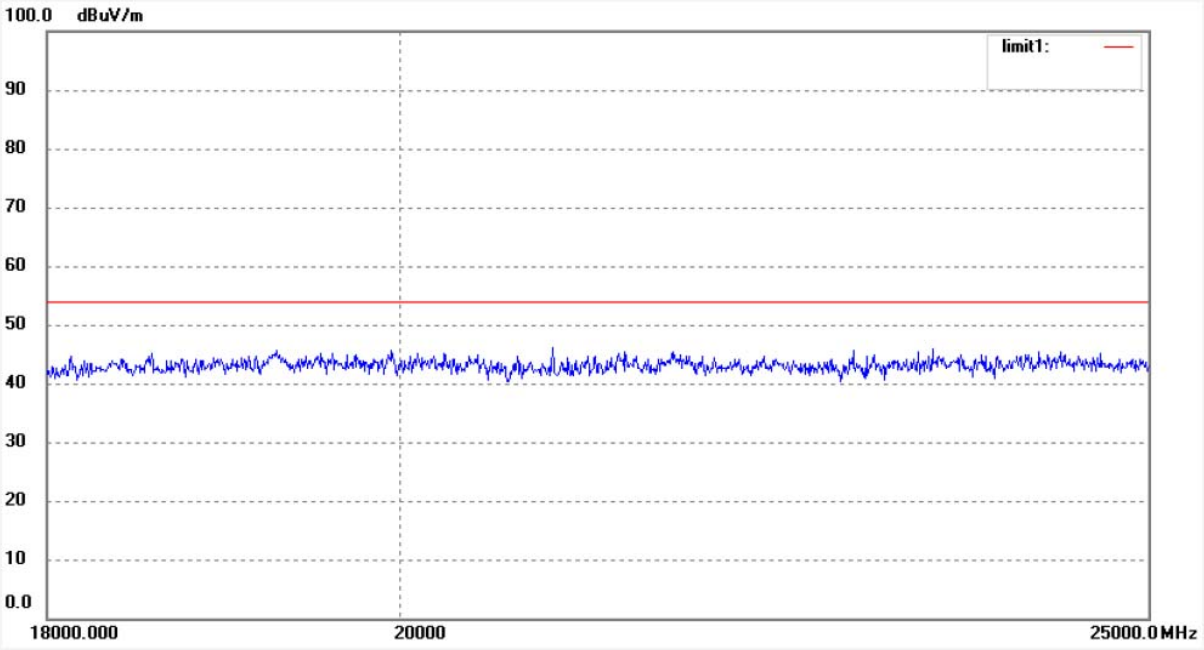
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #285	Polarization: Vertical
Standard: FCC PART 15B 3M Radiated	Power Source: DC 10.5V
Test item: Radiation Test	Date: 14/05/06/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 18/42/15
EUT: 2.4G VECHICLE	Engineer Signature: STAR
Mode: TX 2405MHz	Distance: 3m
Model: 425XXRX	
Manufacturer: Interactive	

Note: Report No.:ATE20140685



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

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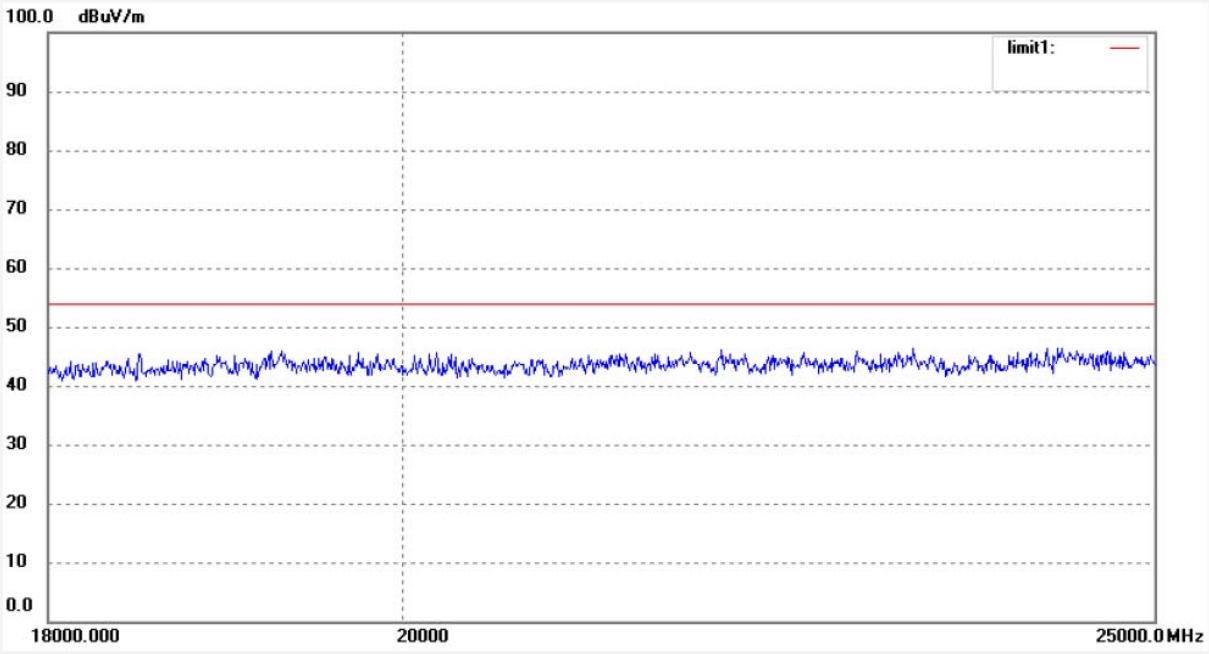
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #286	Polarization: Horizontal
Standard: FCC PART 15B 3M Radiated	Power Source: DC 10.5V
Test item: Radiation Test	Date: 14/05/06/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 18/46/54
EUT: 2.4G VECHICLE	Engineer Signature: STAR
Mode: TX 2405MHz	Distance: 3m
Model: 425XXRX	
Manufacturer: Interactive	

Note: Report No.:ATE20140685



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

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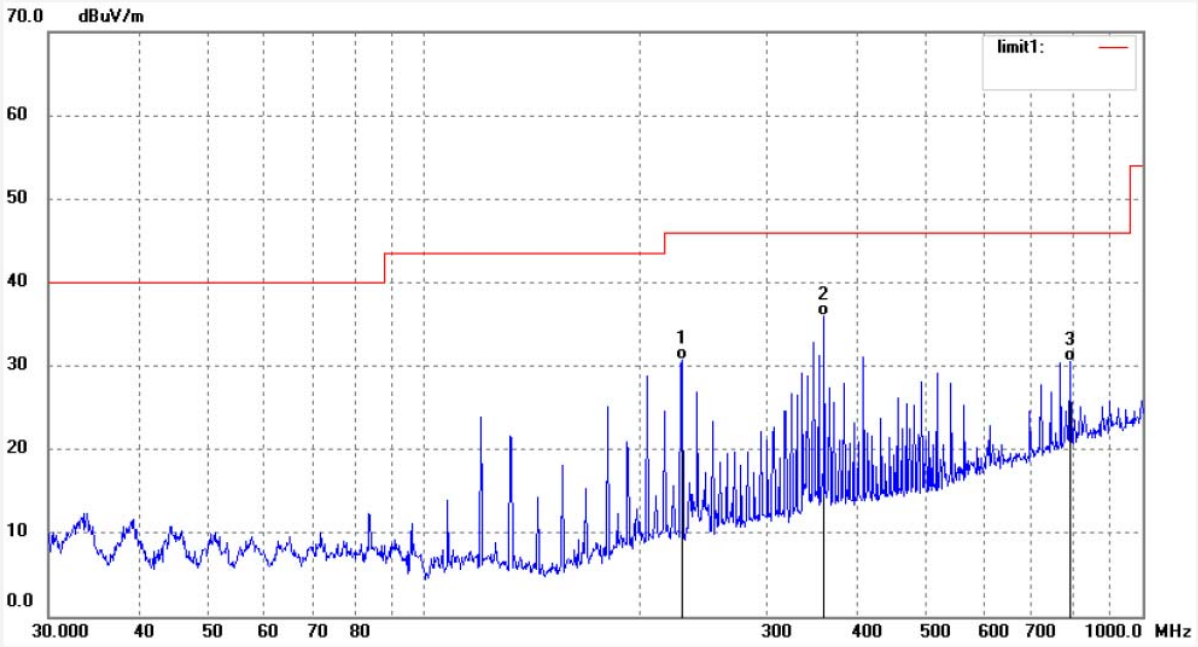
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #263	Polarization: Horizontal
Standard: FCC PART 15B 3M Radiated	Power Source: DC 10.5V
Test item: Radiation Test	Date: 14/05/06/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 17/17/16
EUT: 2.4G VECHICLE	Engineer Signature: STAR
Mode: TX 2442MHz	Distance: 3m
Model: 425XXRX	
Manufacturer: Interactive	

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	228.4903	50.55	-19.87	30.68	46.00	-15.32	QP			
2	360.4476	51.90	-15.92	35.98	46.00	-10.02	QP			
3	793.3958	38.48	-7.87	30.61	46.00	-15.39	QP			

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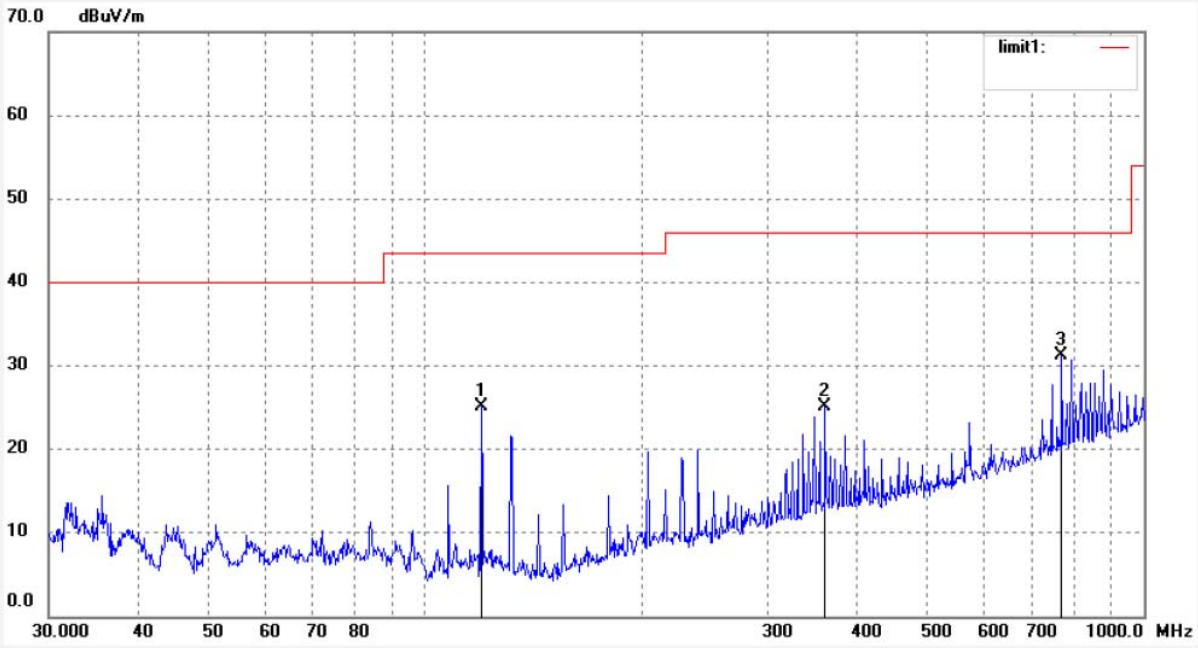
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #264
Standard: FCC PART 15B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: 2.4G VECHICLE
Mode: TX 2442MHz
Model: 425XXRX
Manufacturer: Interactive

Polarization: Vertical
Power Source: DC 10.5V
Date: 14/05/06/
Time: 17/20/55
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	119.8555	47.67	-22.52	25.15	43.50	-18.35	peak			
2	360.4476	41.03	-15.92	25.11	46.00	-20.89	peak			
3	768.7481	39.55	-8.30	31.25	46.00	-14.75	peak			

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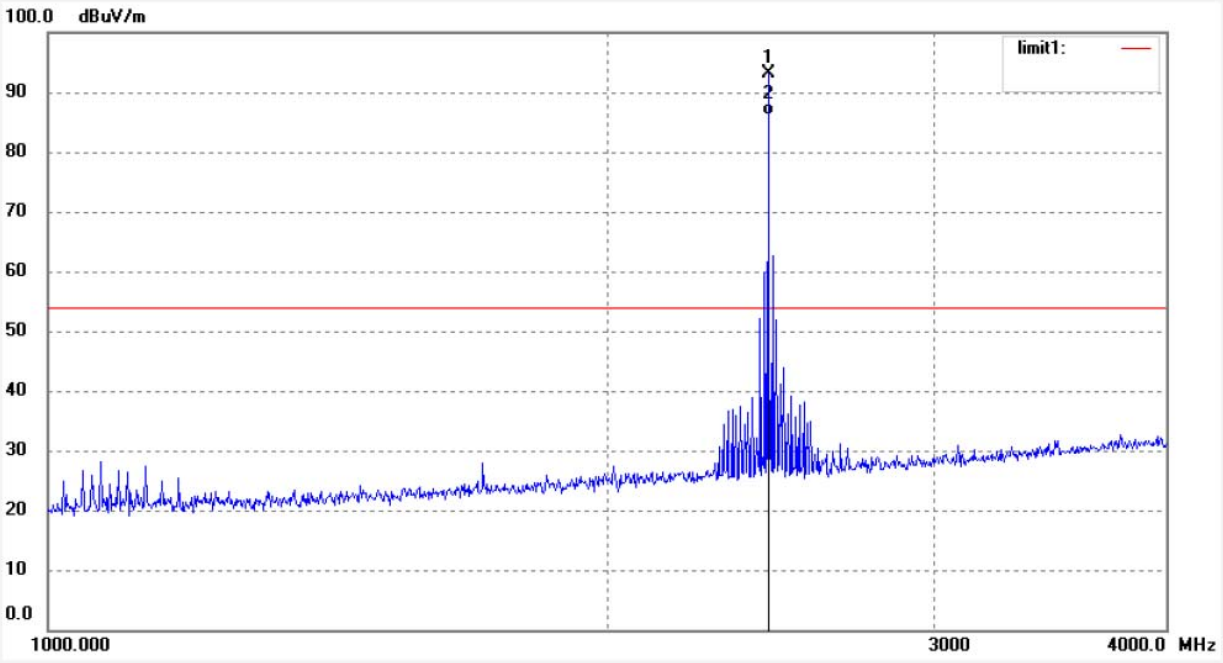
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #275	Polarization: Vertical
Standard: FCC PART 15B 3M Radiated	Power Source: DC 10.5V
Test item: Radiation Test	Date: 14/05/06/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 18/03/51
EUT: 2.4G VECHICLE	Engineer Signature: STAR
Mode: TX 2442MHz	Distance: 3m
Model: 425XXRX	
Manufacturer: Interactive	

Note: Report No.:ATE20140685



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	99.68	-6.64	93.04	114.00	-20.60	peak			
2	2442.000	92.74	-6.64	86.10	94.00	-7.90	AVG			

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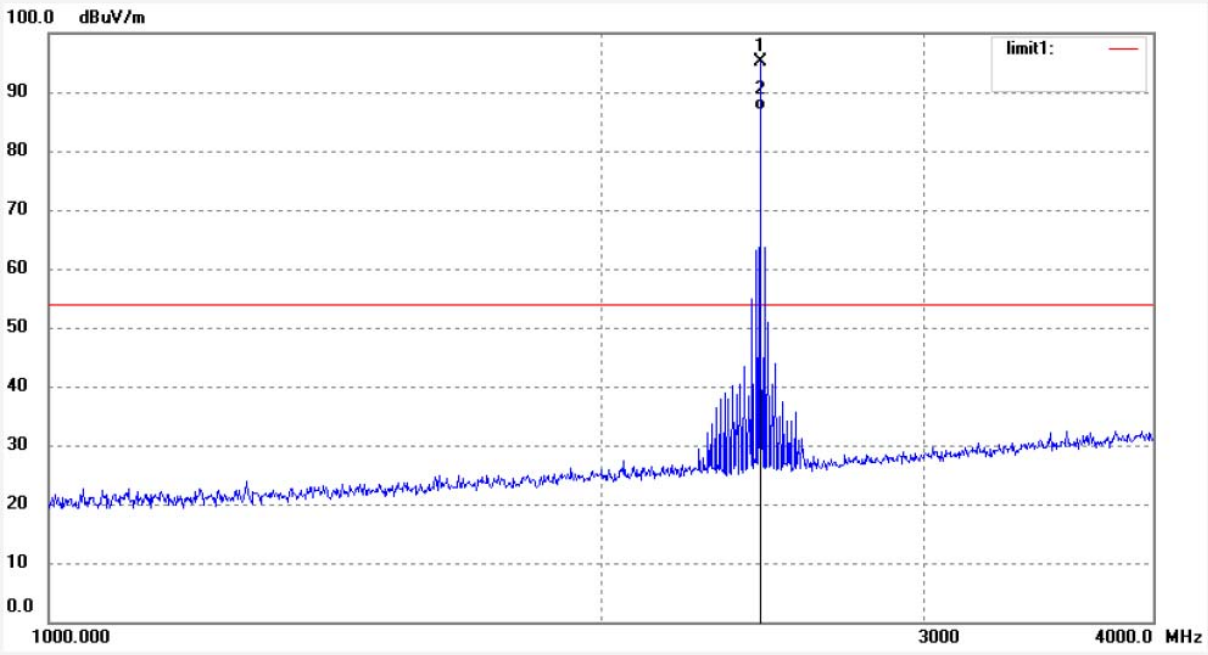
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #276
Standard: FCC PART 15B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: 2.4G VECHICLE
Mode: TX 2442MHz
Model: 425XXRX
Manufacturer: Interactive

Polarization: Horizontal
Power Source: DC 10.5V
Date: 14/05/06/
Time: 18/06/53
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20140685



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	101.75	-6.64	95.11	114.00	-18.89	peak			
2	2442.000	93.57	-6.64	86.93	94.00	-7.07	AVG			

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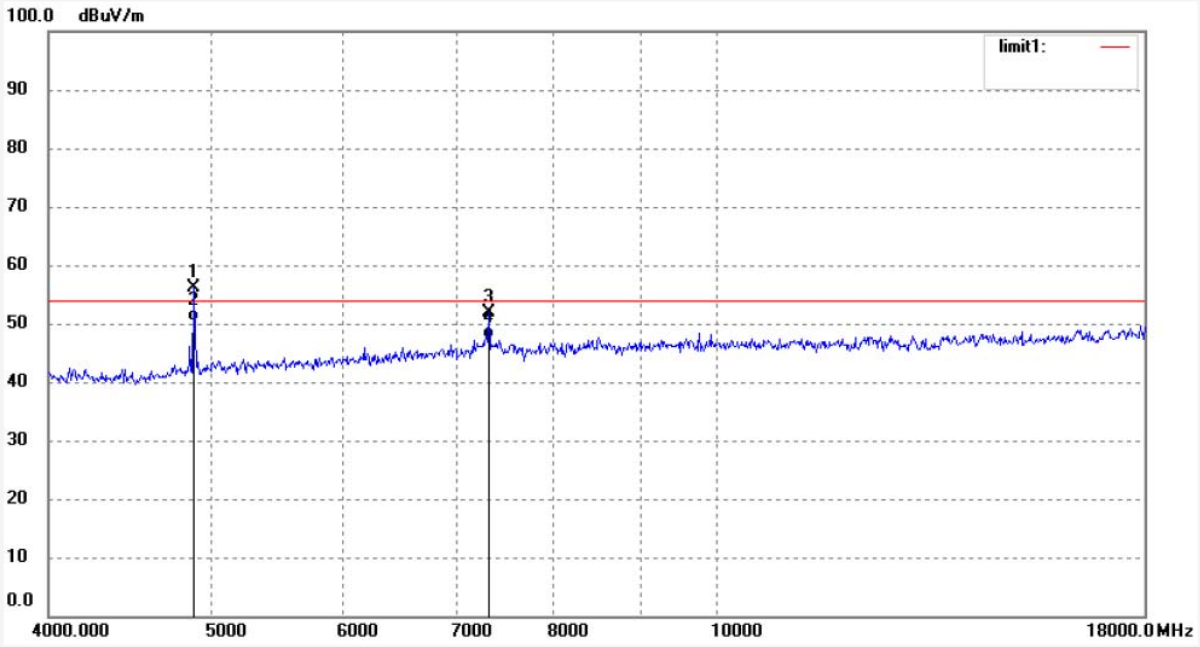
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #281
Standard: FCC PART 15B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: 2.4G VECHICLE
Mode: TX 2442MHz
Model: 425XXRX
Manufacturer: Interactive

Polarization: Vertical
Power Source: DC 10.5V
Date: 14/05/06/
Time: 18/27/19
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4884.000	57.36	-1.34	56.02	74.00	-17.98	peak			
2	4884.000	51.80	-1.34	50.46	54.00	-3.54	AVG			
3	7326.000	50.43	1.40	51.83	74.00	-22.17	peak			
4	7326.000	46.00	1.40	47.40	54.00	-6.60	AVG			

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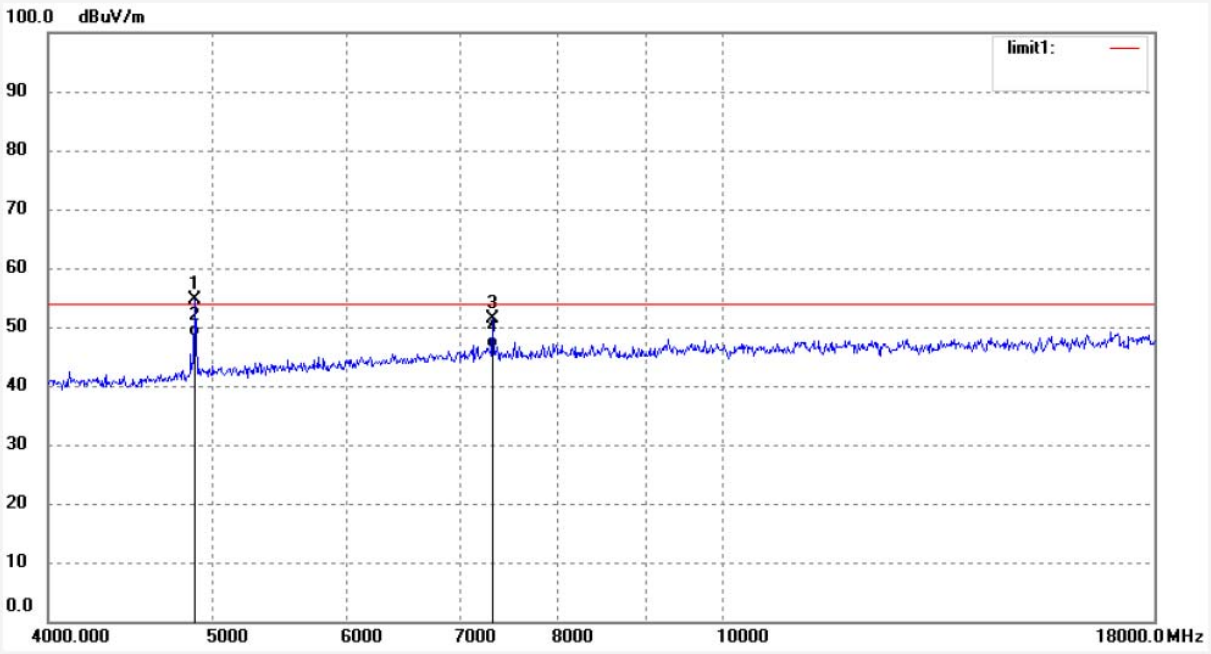
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #282	Polarization: Horizontal
Standard: FCC PART 15B 3M Radiated	Power Source: DC 10.5V
Test item: Radiation Test	Date: 14/05/06/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 18/31/17
EUT: 2.4G VECHICLE	Engineer Signature: STAR
Mode: TX 2442MHz	Distance: 3m
Model: 425XXRX	
Manufacturer: Interactive	

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4884.000	55.87	-1.34	54.53	74.00	-19.47	peak			
2	4884.000	49.78	-1.34	48.44	54.00	-5.56	AVG			
3	7326.000	50.09	1.40	51.49	74.00	-22.51	peak			
4	7326.000	44.96	1.40	46.36	54.00	-7.64	AVG			

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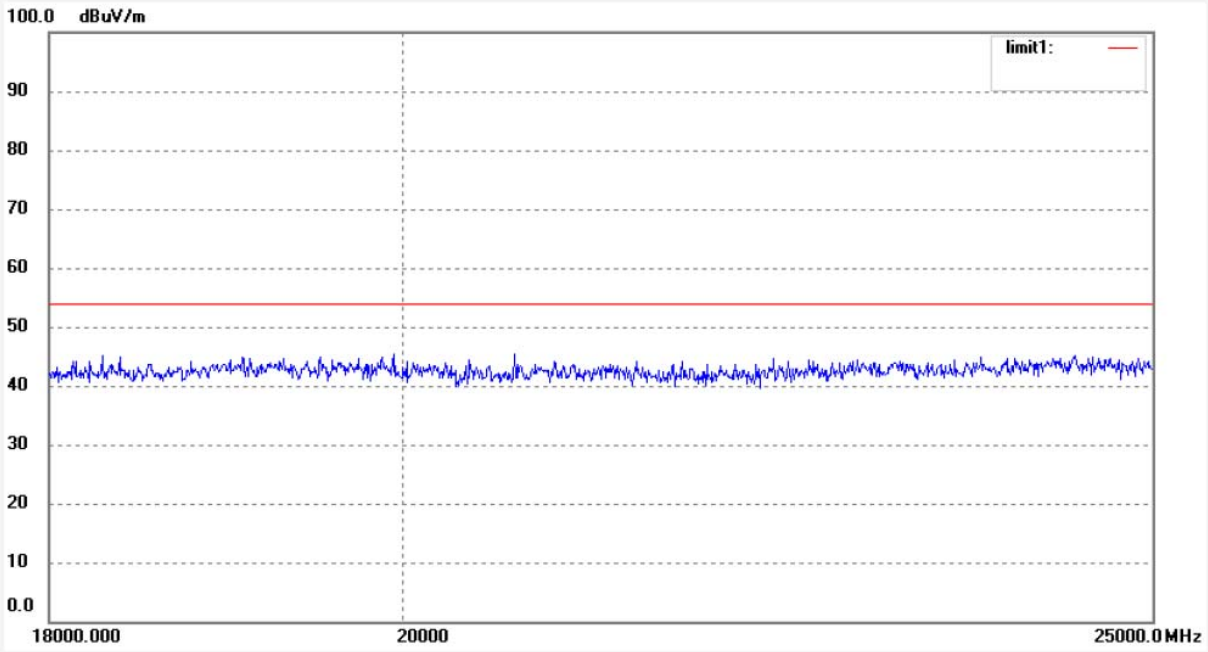
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #287	Polarization: Horizontal
Standard: FCC PART 15B 3M Radiated	Power Source: DC 10.5V
Test item: Radiation Test	Date: 14/05/06/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 18/50/29
EUT: 2.4G VECHICLE	Engineer Signature: STAR
Mode: TX 2442MHz	Distance: 3m
Model: 425XXRX	
Manufacturer: Interactive	

Note: Report No.:ATE20140685



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

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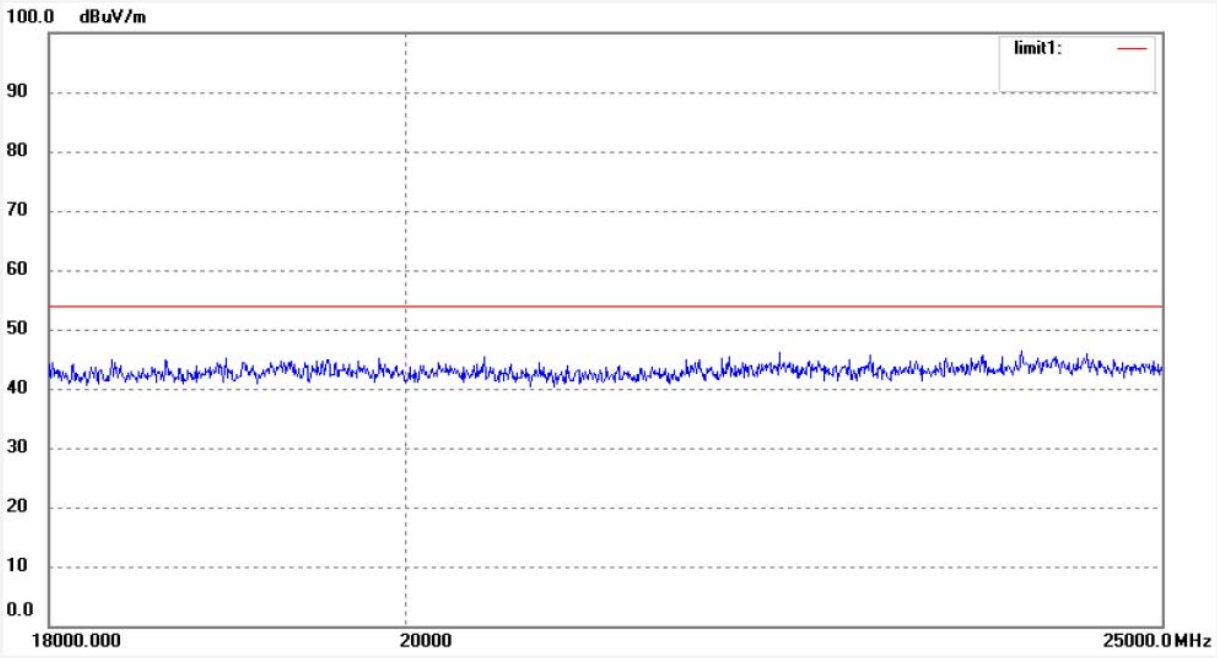
Job No.: star2014 #288	Polarization: Vertical
Standard: FCC PART 15B 3M Radiated	Power Source: DC 10.5V
Test item: Radiation Test	Date: 14/05/06/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 18/54/05
EUT: 2.4G VECHICLE	Engineer Signature: STAR
Mode: TX 2442MHz	Distance: 3m
Model: 425XXRX	
Manufacturer: Interactive	

Note: Report No.:ATE20140685



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

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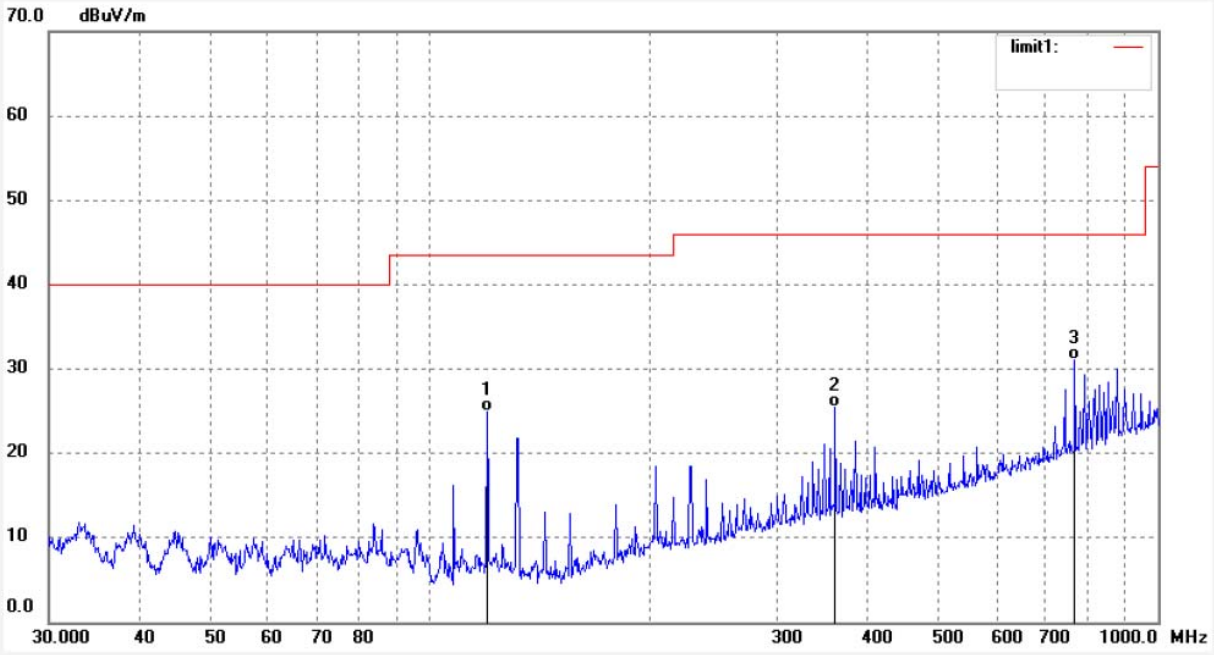
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #265	Polarization: Vertical
Standard: FCC PART 15B 3M Radiated	Power Source: DC 10.5V
Test item: Radiation Test	Date: 14/05/06/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 17/24/52
EUT: 2.4G VECHICLE	Engineer Signature: STAR
Mode: TX 2468MHz	Distance: 3m
Model: 425XXRX	
Manufacturer: Interactive	

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	119.8555	47.50	-22.52	24.98	43.50	-18.52	QP			
2	360.4476	41.39	-15.92	25.47	46.00	-20.53	QP			
3	768.7481	39.35	-8.30	31.05	46.00	-14.95	QP			

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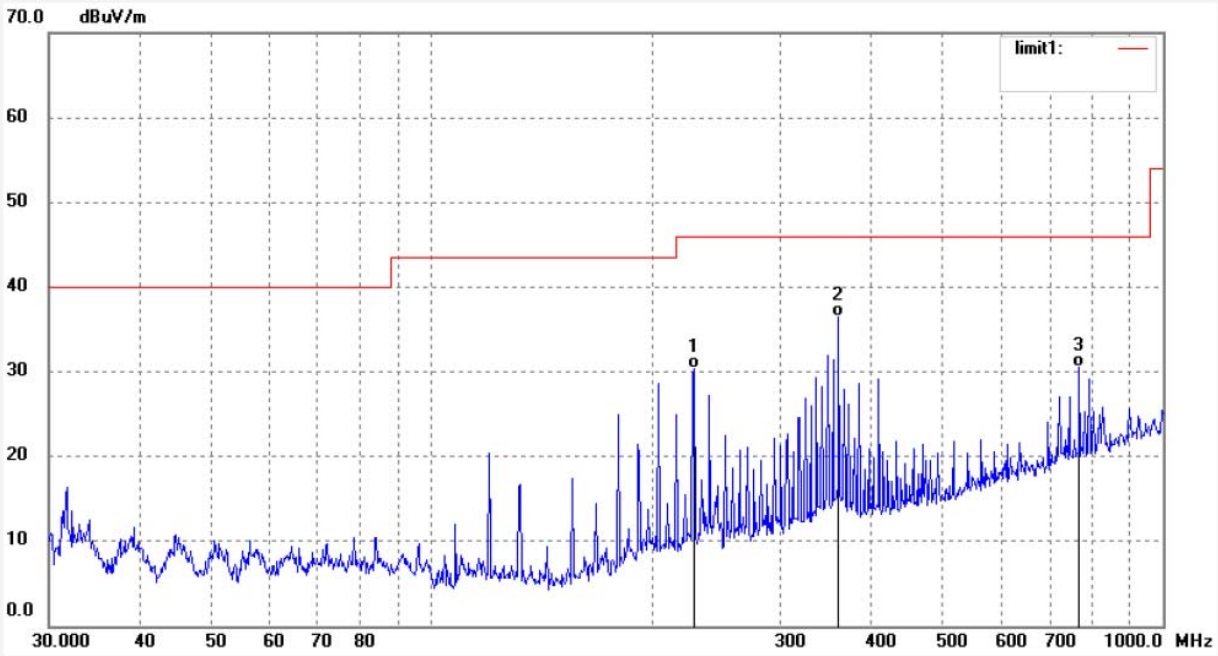
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #266
Standard: FCC PART 15B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: 2.4G VECHICLE
Mode: TX 2468MHz
Model: 425XXRX
Manufacturer: Interactive

Polarization: Horizontal
Power Source: DC 10.5V
Date: 14/05/06/
Time: 17/28/32
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	228.4903	50.23	-19.87	30.36	46.00	-15.64	QP			
2	360.4476	52.47	-15.92	36.55	46.00	-9.45	QP			
3	768.7481	38.90	-8.30	30.60	46.00	-15.40	QP			

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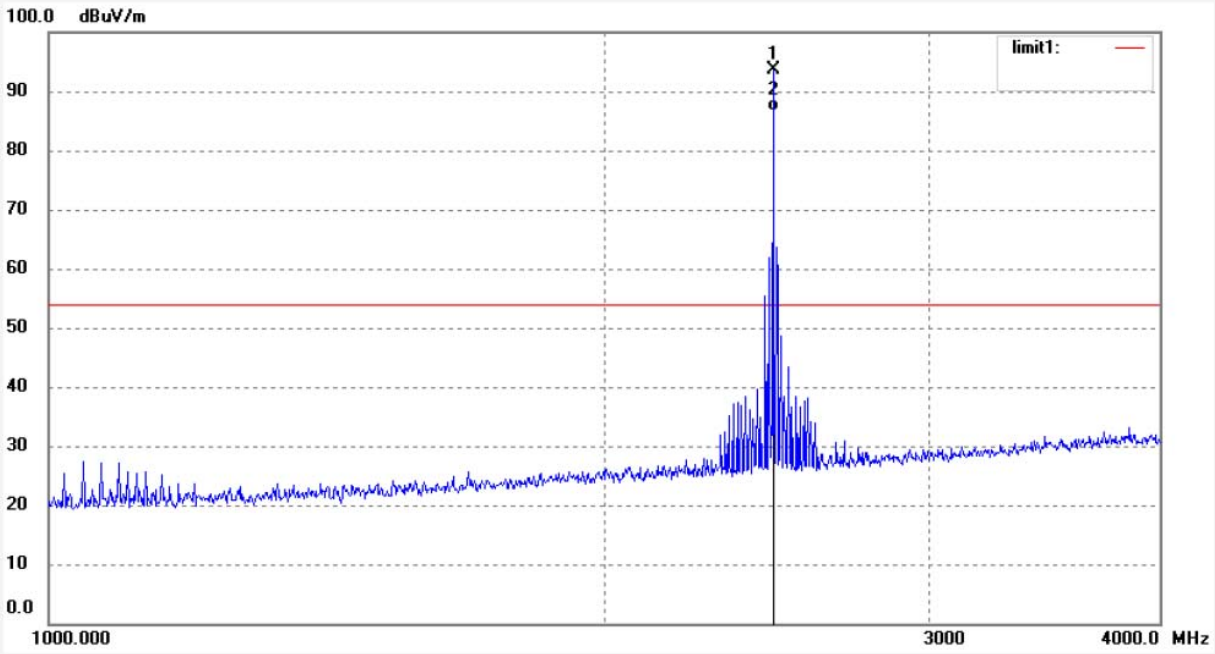
Fax:+86-0755-26503396

Job No.: star2014 #277	Polarization: Vertical
Standard: FCC PART 15B 3M Radiated	Power Source: DC 10.5V
Test item: Radiation Test	Date: 14/05/06/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 18/10/02
EUT: 2.4G VECHICLE	Engineer Signature: STAR
Mode: TX 2468MHz	Distance: 3m
Model: 425XXRX	
Manufacturer: Interactive	

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2468.000	100.12	-6.57	93.55	114.00	-20.45	peak			
2	2468.000	93.10	-6.57	86.53	94.00	-7.47	AVG			

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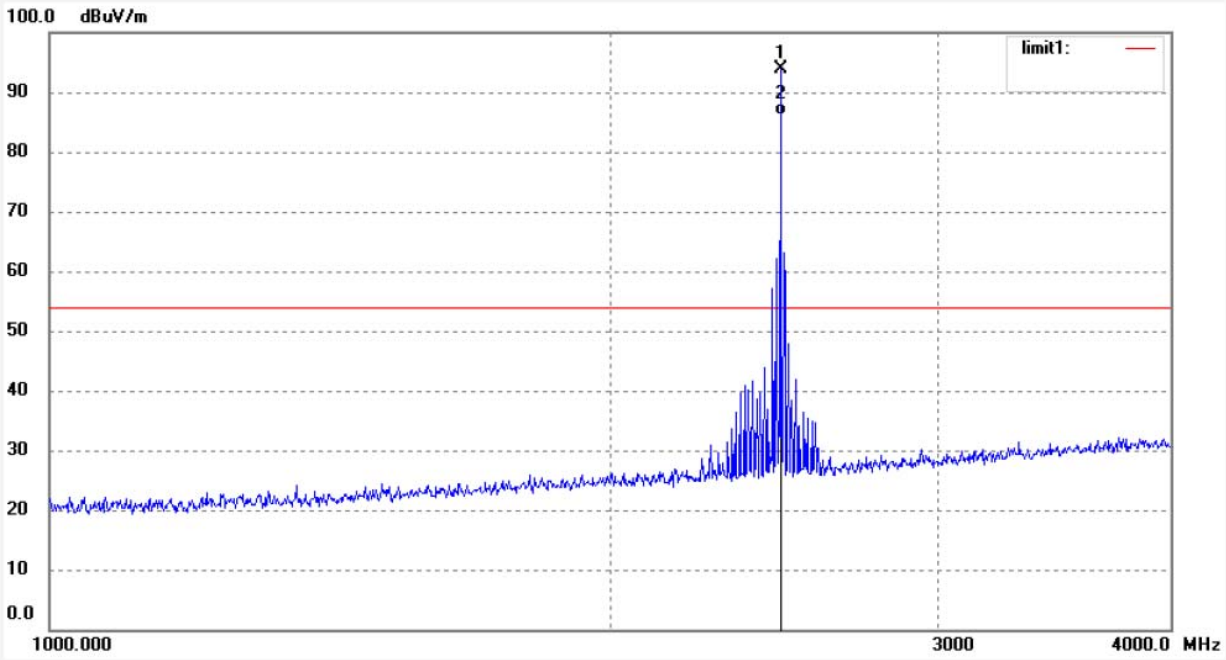
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #278	Polarization: Horizontal
Standard: FCC PART 15B 3M Radiated	Power Source: DC 10.5V
Test item: Radiation Test	Date: 14/05/06/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 18/15/03
EUT: 2.4G VECHICLE	Engineer Signature: STAR
Mode: TX 2468MHz	Distance: 3m
Model: 425XXRX	
Manufacturer: Interactive	

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2468.000	100.49	-6.57	93.92	114.00	-20.08	peak			
2	2468.000	92.68	-6.57	86.11	94.00	-7.89	AVG			

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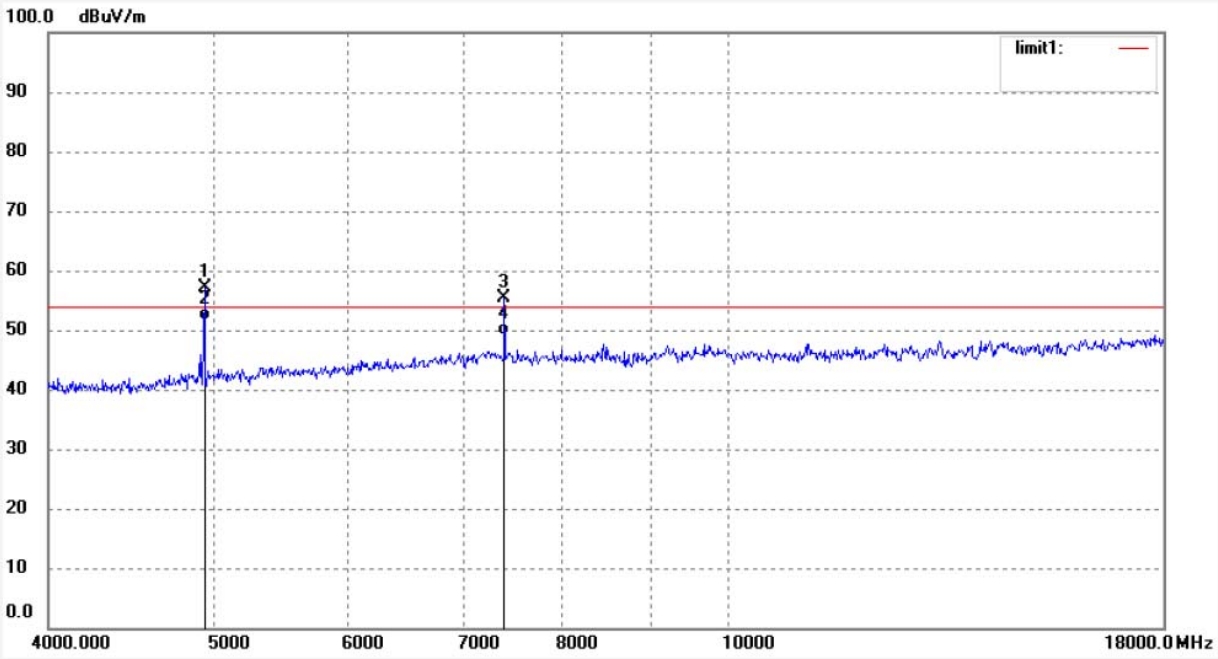
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #279
Standard: FCC PART 15B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: 2.4G VECHICLE
Mode: TX 2468MHz
Model: 425XXRX
Manufacturer: Interactive

Polarization: Horizontal
Power Source: DC 10.5V
Date: 14/05/06/
Time: 18/21/21
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4936.000	58.41	-1.18	57.23	74.00	-16.77	peak			
2	4936.000	52.69	-1.18	51.51	54.00	-2.49	AVG			
3	7404.000	53.89	1.47	55.36	74.00	-18.64	peak			
4	7404.000	47.63	1.47	49.10	54.00	-4.90	AVG			

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Site: 1# Chamber
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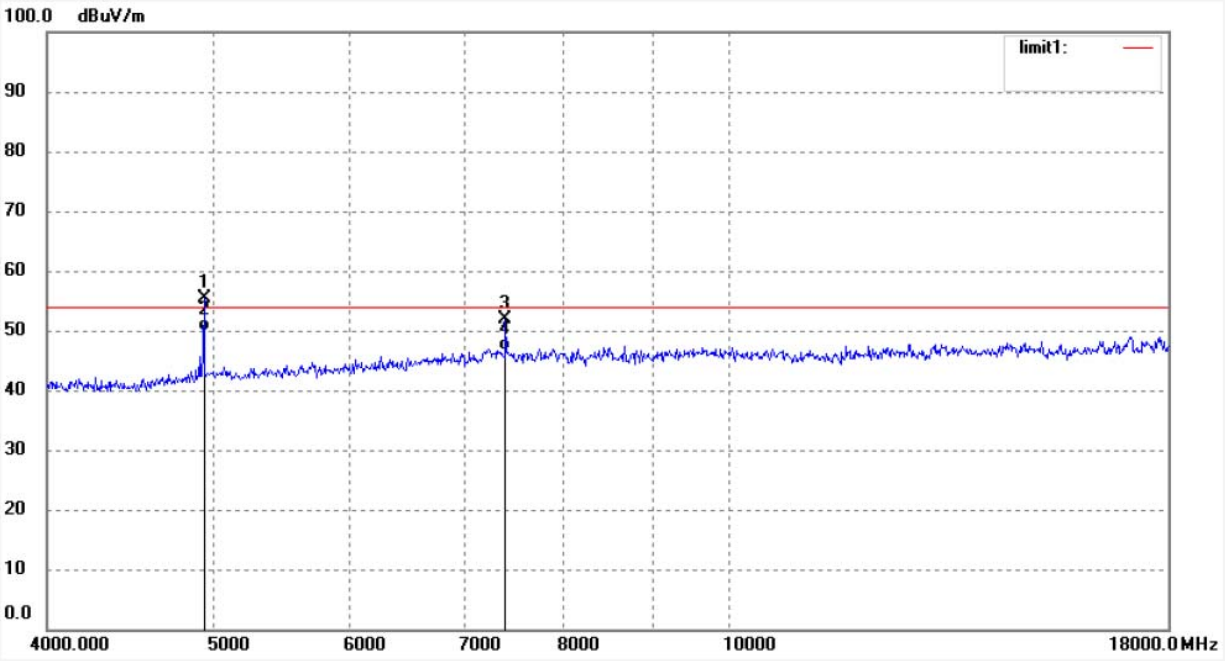
Fax:+86-0755-26503396

Job No.: star2014 #280
Standard: FCC PART 15B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: 2.4G VECHICLE
Mode: TX 2468MHz
Model: 425XXRX
Manufacturer: Interactive

Polarization: Vertical
Power Source: DC 10.5V
Date: 14/05/06/
Time: 18/24/50
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4936.000	56.46	-1.18	55.28	74.00	-18.72	peak			
2	4936.000	51.14	-1.18	49.96	54.00	-4.04	AVG			
3	7404.000	50.31	1.47	51.78	74.00	-22.22	peak			
4	7404.000	45.10	1.47	46.57	54.00	-7.43	AVG			

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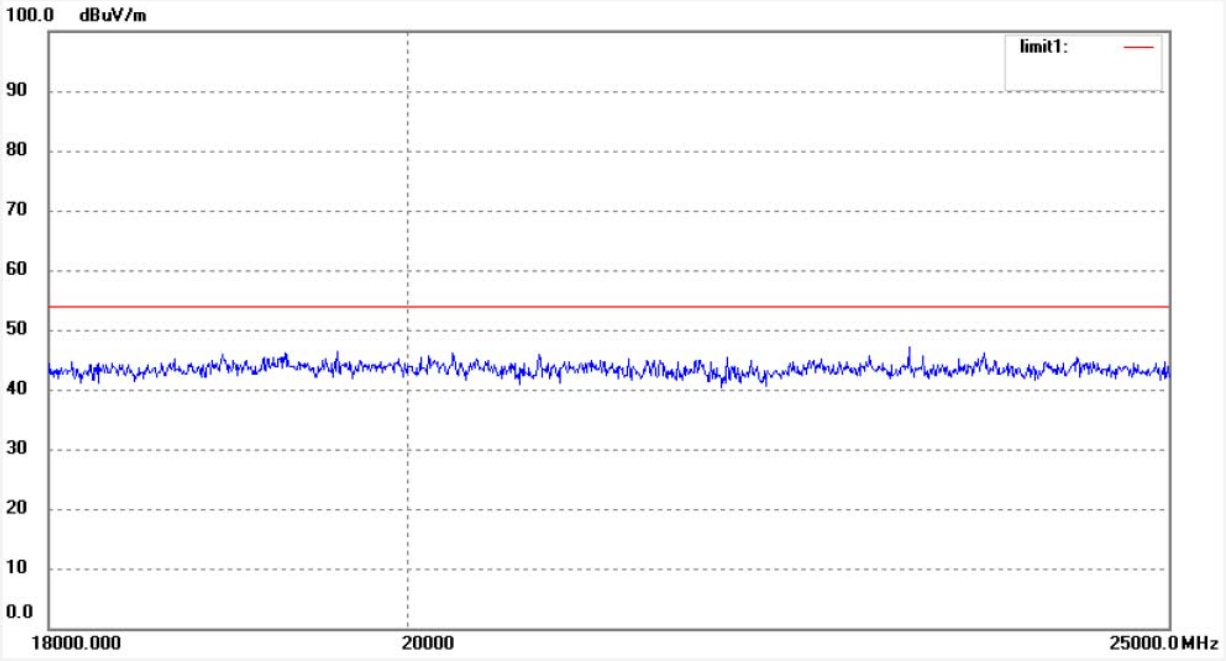
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #289	Polarization: Vertical
Standard: FCC PART 15B 3M Radiated	Power Source: DC 10.5V
Test item: Radiation Test	Date: 14/05/06/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 18/58/41
EUT: 2.4G VECHICLE	Engineer Signature: STAR
Mode: TX 2468MHz	Distance: 3m
Model: 425XXRX	
Manufacturer: Interactive	

Note: Report No.:ATE20140685



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

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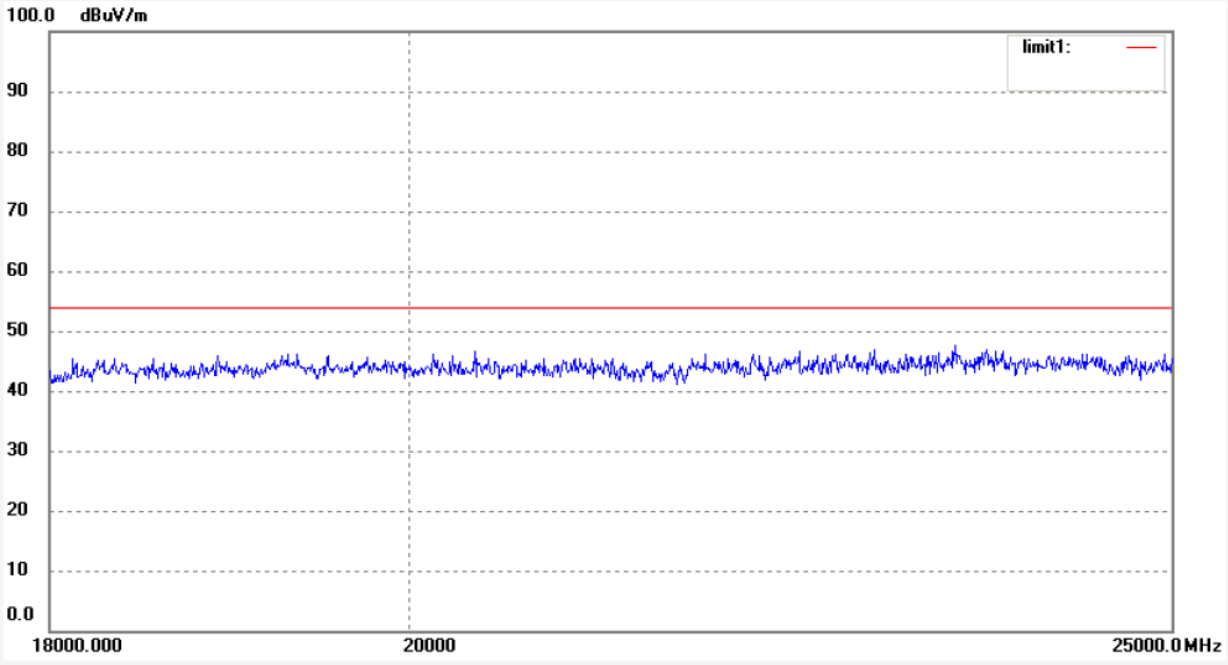
Fax:+86-0755-26503396

Job No.: star2014 #290	Polarization: Horizontal
Standard: FCC PART 15B 3M Radiated	Power Source: DC 10.5V
Test item: Radiation Test	Date: 14/05/06/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 19/02/19
EUT: 2.4G VECHICLE	Engineer Signature: STAR
Mode: TX 2468MHz	Distance: 3m
Model: 425XXRX	
Manufacturer: Interactive	

Note: Report No.:ATE20140685



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

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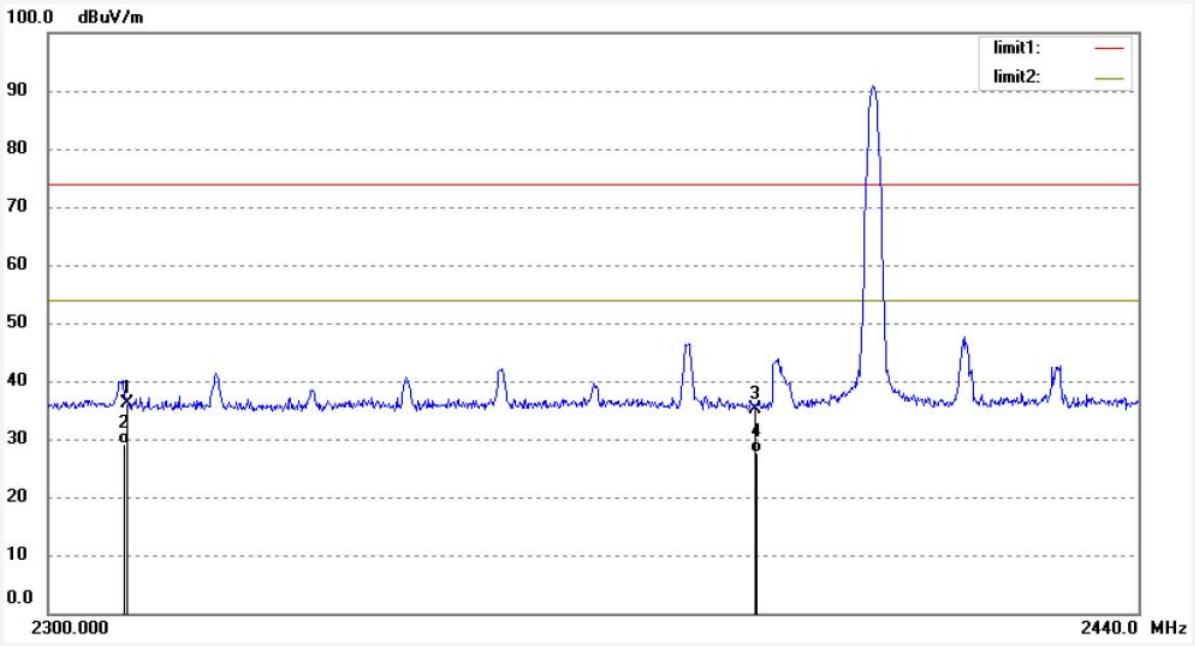
Fax:+86-0755-26503396

Job No.: star2014 #303
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: 2.4G VECHICLE
Mode: TX 2405MHz
Model: 425XXRX
Manufacturer: Interactive

Polarization: Vertical
Power Source: DC 10.5V
Date: 14/05/06/
Time: 16/11/22
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	43.14	-6.99	36.15	74.00	-37.85	peak			
2	2310.000	36.14	-6.99	29.15	54.00	-24.85	AVG			
3	2390.000	41.80	-6.78	35.02	74.00	-38.98	peak			
4	2390.000	34.50	-6.78	27.72	54.00	-26.28	AVG			

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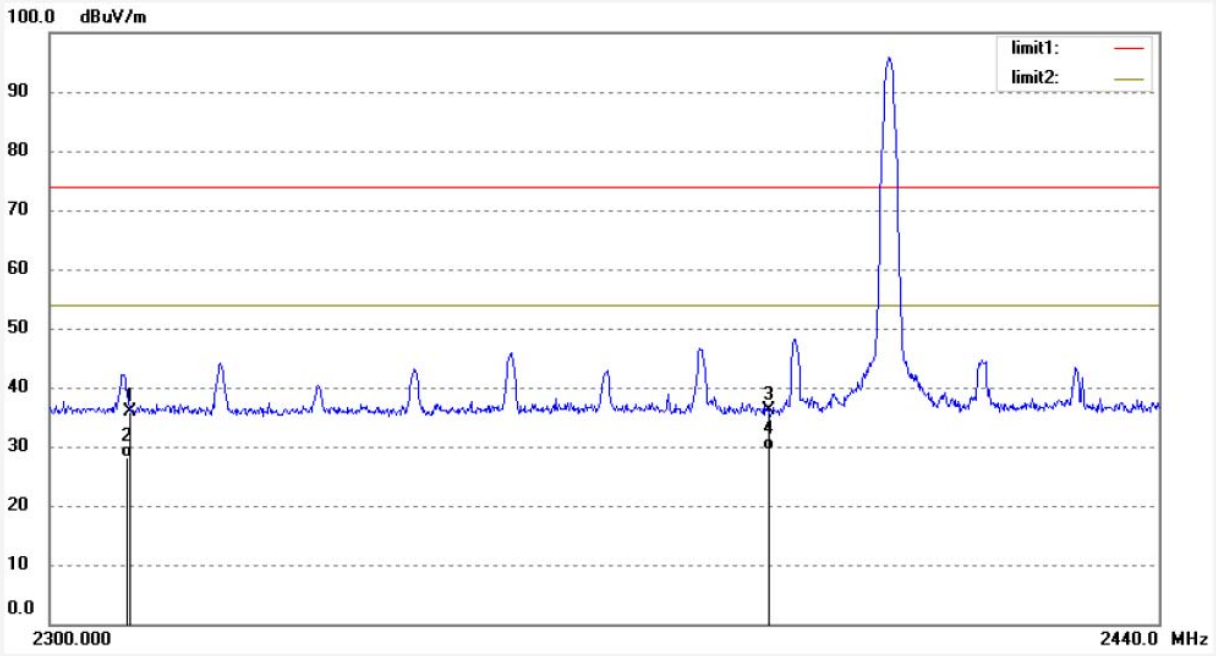
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #304
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: 2.4G VECHICLE
Mode: TX 2405MHz
Model: 425XXRX
Manufacturer: Interactive

Polarization: Horizontal
Power Source: DC 10.5V
Date: 14/05/06/
Time: 16/15/27
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20140685



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	42.91	-6.99	35.92	74.00	-38.08	peak			
2	2310.000	35.17	-6.99	28.18	54.00	-25.82	AVG			
3	2390.000	42.87	-6.78	36.09	74.00	-37.91	peak			
4	2390.000	36.20	-6.78	29.42	54.00	-24.58	AVG			

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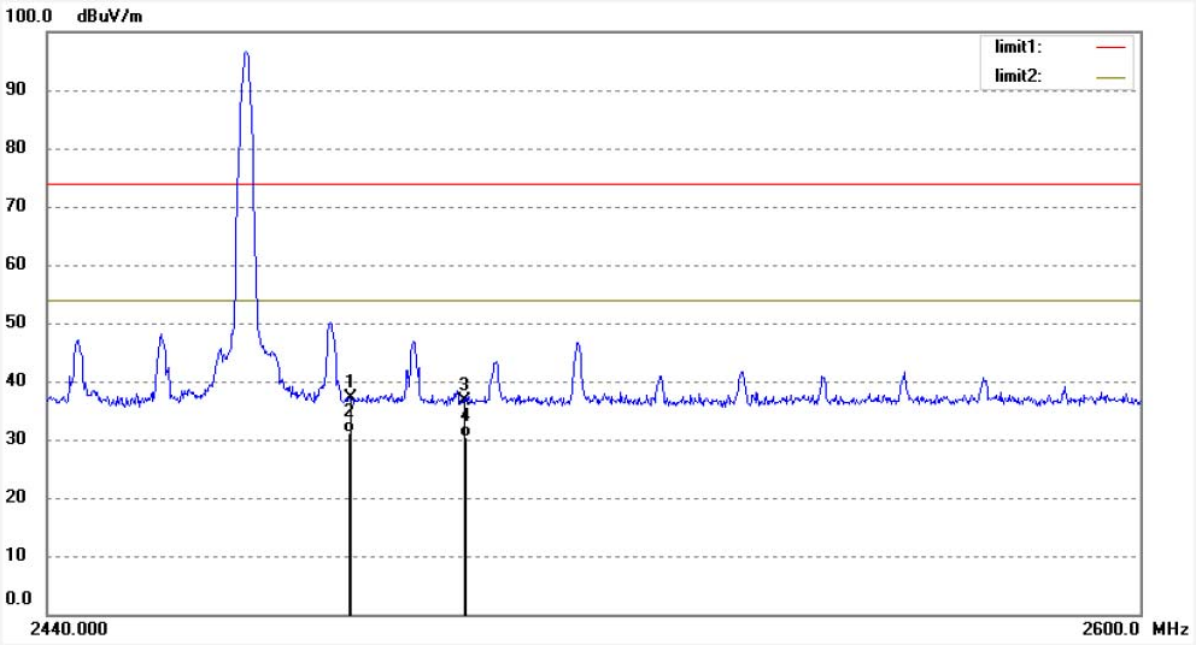
Fax:+86-0755-26503396

Job No.: star2014 #305
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: 2.4G VECHICLE
Mode: TX 2468MHz
Model: 425XXRX
Manufacturer: Interactive

Polarization: Horizontal
Power Source: DC 10.5V
Date: 14/05/06/
Time: 16/19/15
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20140685



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	43.68	-6.54	37.14	74.00	-36.86	peak			
2	2483.500	37.60	-6.54	31.06	54.00	-22.94	AVG			
3	2500.000	43.13	-6.50	36.63	74.00	-37.37	peak			
4	2500.000	36.90	-6.50	30.40	54.00	-23.60	AVG			

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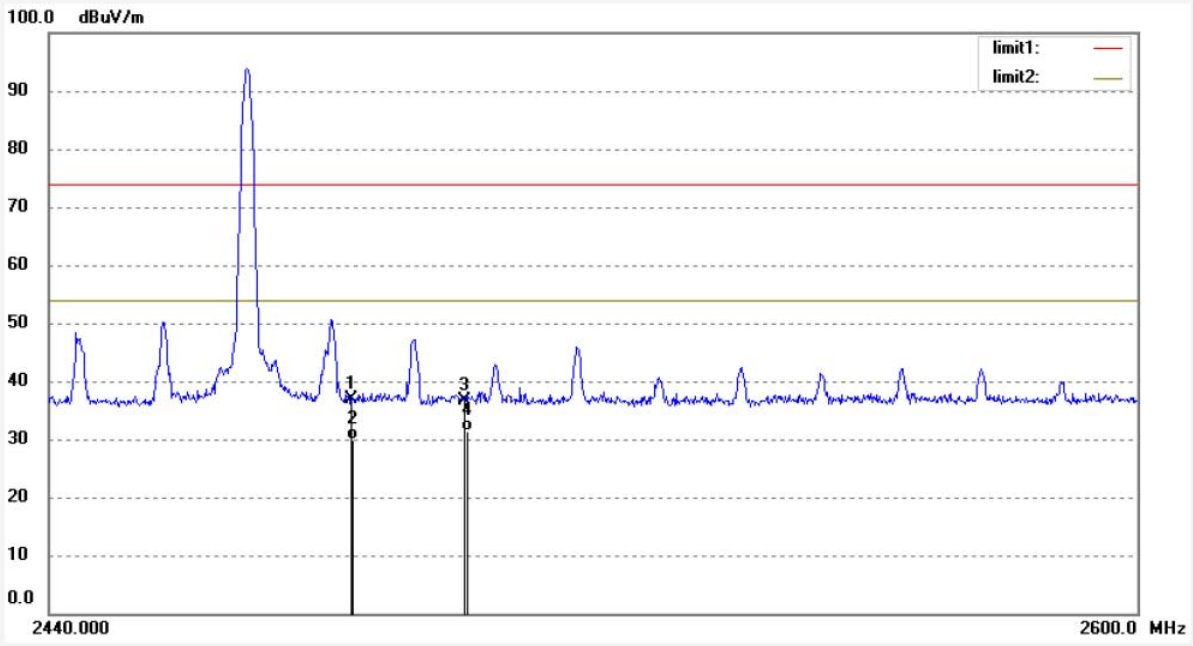
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #306	Polarization: Vertical
Standard: FCC PK	Power Source: DC 10.5V
Test item: Radiation Test	Date: 14/05/06/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 16/24/59
EUT: 2.4G VECHICLE	Engineer Signature: STAR
Mode: TX 2468MHz	Distance: 3m
Model: 425XXRX	
Manufacturer: Interactive	

Note: Report No.:ATE20140685



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	43.40	-6.54	36.86	74.00	-37.14	peak			
2	2483.500	36.51	-6.54	29.97	54.00	-24.03	AVG			
3	2500.000	43.21	-6.50	36.71	74.00	-37.29	peak			
4	2500.000	37.90	-6.50	31.40	54.00	-22.60	AVG			