FCC CERTIFICATION On Behalf of Shanghai Dacheng RC Model Co., Ltd.

2.4G Radio Model No.: RZT 2.4G

FCC ID: XY4RZT24G

Prepared for : Shanghai Dacheng RC Model Co., Ltd.

Address : No.30 Jiuliting Industry Garden Lane 1620, Husong Rd.,

Songjiang, Shanghai, China

Prepared by : ACCURATE TECHNOLOGY CO. LTD

Address : F1, Bldg. A, Changyuan New Material Port, Keyuan Rd.

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Report Number : ATE20092415
Date of Test : December 10, 2009
Date of Report : December 14, 2009

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APPENDIX I (TEST CURVES) (22 pages)

Test Report Certification

Test Report Certification

ApplicantShanghai Dacheng RC Model Co., Ltd.ManufacturerShanghai Dacheng RC Model Co., Ltd.

EUT Description : 2.4G Radio

(A) MODEL NO.: RZT 2.4G

(B) SERIAL NO.: N/A

(C) POWER SUPPLY: 12V DC ("AA" batteries 8×)

Measurement Procedure Used:

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

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

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

Date of Test:	December 10, 2009		
Prepared by :	sky Long		
	(Engineer)		
Approved & Authorized Signer:	Searle		
	(Manager)		

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT : 2.4G Radio

Model Number : RZT 2.4G

Power Supply : 12V DC ("AA" batteries $8 \times$)

Operate Frequency : 2405-2445MHz

Applicant : Shanghai Dacheng RC Model Co., Ltd.

Address : No.30 Jiuliting Industry Garden Lane 1620, Husong Rd.,

Songjiang, Shanghai, China

Manufacturer : Shanghai Dacheng RC Model Co., Ltd.

Address : No.30 Jiuliting Industry Garden Lane 1620, Husong Rd.,

Songjiang, Shanghai, China

Date of sample received: December 8, 2009

Date of Test : December 10, 2009

1.2.Description of Test Facility

EMC Lab : Accredited by TUV Rheinland Shenzhen

Listed by FCC

The Registration Number is 752051

Listed by Industry Canada

The Registration Number is 5077A-2

Accredited by China National Accreditation Committee

for Laboratories

The Certificate Registration Number is L3193

Name of Firm : ACCURATE TECHNOLOGY CO. LTD

Site Location : F1, Bldg. A, Changyuan New Material Port, Keyuan Rd.

Science & Industry Park, Nanshan, Shenzhen, Guangdong

P.R. China

1.3. Measurement Uncertainty

Conducted Emission Expanded Uncertainty = 2.23dB, k=2

Radiated emission expanded uncertainty = 3.08dB, k=2 (9kHz-30MHz)

Dodicted emission armonded uncontainty ____

Radiated emission expanded uncertainty = 4.42dB, k=2

(30 MHz-1000 MHz)

Radiated emission expanded uncertainty = 4.06dB, k=2

(Above 1GHz)

2. MEASURING DEVICE AND TEST EQUIPMENT

Table 1: List of Test and Measurement Equipment

Kind of equipment	Manufacturer	Туре	S/N	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	03.28.2010
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	03.28.2010
Spectrum Analyzer	Agilent	E7405A	MY45115511	03.28.2010
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	03.30.2010
Loop Antenna	Schwarzbeck	FMZB1516	1516131	03.28.2010
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	03.28.2010
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	12.19.2009
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	10.09.2010
LISN	Rohde&Schwarz	ESH3-Z5	100305	03.28.2010
LISN	Schwarzbeck	NSLK8126	8126431	03.28.2010

3. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
Section 15.207	Conducted Emission	N/A
Section 15.249(a)	Fundamental and Harmonics Radiated Emission	Compliant
Section 15.249(d)	Spurious Radiated Emission	Compliant
Section 15.249(d)	Band Edge	Compliant
Section 15.203	Antenna Requirement	Compliant

Remark: "N/A" means "Not applicable".

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

4.1.Block Diagram of Test Setup

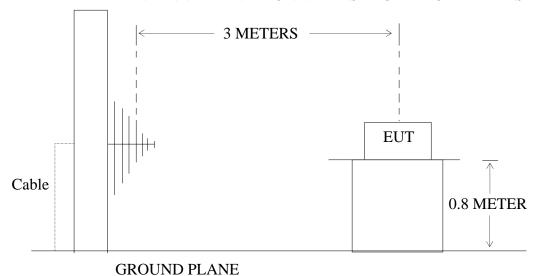
4.1.1.Block diagram of connection between the EUT and simulators

EUT

(EUT: 2.4G Radio)

4.1.2.Semi-Anechoic Chamber Test Setup Diagram

ANTENNA ELEVATION VARIES FROM 1 TO 4 METERS



(EUT: 2.4G Radio)

4.2. The Emission Limit

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

Fundamental	Field Strength of Fundamental	Field Strength of harmonics
Frequency	(millivolts/meter)	(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 Radio (EUT)

Model Number : RZT 2.4G Serial Number : N/A

Manufacturer : Shanghai Dacheng RC Model 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 2405-2445MHz. We are select 2405MHz, 2420MHz, 2445MHz TX frequency to transmit.

4.5.Test Procedure

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

The bandwidth of test receiver is set at 1MHz.

4.6. The Field Strength of Radiation Emission Measurement Results **PASS.**

Date of Test: December 10, 2009

EUT: 2.4G Radio

Model No.: RZT 2.4G

Test Mode: TX 2405MHz

Test Engineer: Te

Fundamental Radiated Emissions

Frequency	Reading(dBμV/m)	Factor(dB)	Result(c	lBμV/m)	Limit(dI	BμV/m)	Margi	in(dB)	Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
2405.005	96.00	101.12	-7.45	88.55	93.67	94	114	-5.45	-20.33	Vertical
2405.005	96.06	101.19	-7.45	88.61	93.74	94	114	-5.39	-20.26	Horizontal

Harmonics Radiated Emissions

Frequency	Reading(c	dBμV/m)	Factor(dB)	Result(c	lBμV/m)	Limit(dl	BμV/m)	Margi	in(dB)	Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
4810.004	49.71	54.86	-0.26	49.45	54.60	54	74	-4.55	-19.40	Vertical
7215.004	44.97	50.13	2.99	47.96	53.12	54	74	-6.04	-20.88	Vertical
9620.002	34.81	39.97	9.44	44.25	49.41	54	74	-9.75	-24.59	Vertical
4810.004	49.72	54.88	-0.26	49.46	54.62	54	74	-4.54	-20.97	Horizontal
7215.004	44.90	50.04	2.99	47.89	53.03	54	74	-6.11	-20.97	Horizontal
9620.002	34.48	39.62	9.44	43.92	49.06	54	74	-10.08	-24.94	Horizontal

Note:

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

Result = Reading + Corrected Factor

Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss - Amplifier Gain

Date of Test:December 10, 2009Temperature:25°CEUT:2.4G RadioHumidity:50%Model No.:RZT 2.4GPower Supply:12V DC ("AA" batteries 8×)

Test Mode: TX 2420MHz Test Engineer: Joe

Fundamental Radiated Emissions

Frequency	Reading(dBμV/m)	Factor(dB)	Result(c	lBμV/m)	Limit(dI	BμV/m)	Margi	in(dB)	Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
2420.004	96.27	101.42	-7.41	88.86	94.01	94	114	-5.14	-19.99	Vertical
2420.004	95.87	101.04	-7.41	88.46	93.63	94	114	-5.54	-20.37	Horizontal

Harmonics Radiated Emissions

Frequency	Reading(dBμV/m)	Factor(dB)	Result(c	lBμV/m)	Limit(dI	BμV/m)	Margi	in(dB)	Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
4840.003	49.48	54.63	-0.10	49.38	54.53	54	74	-4.62	-19.47	Vertical
7260.004	44.75	49.91	3.10	47.85	53.01	54	74	-6.15	-20.99	Vertical
9.680.002	35.02	40.18	9.52	44.54	49.70	54	74	-9.46	-24.30	Vertical
4840.003	49.49	54.65	-0.10	49.39	54.55	54	74	-4.61	-19.45	Horizontal
7260.004	44.40	49.58	3.10	47.50	52.68	54	74	-6.50	-21.32	Horizontal
9680.002	33.17	38.31	9.52	42.69	47.83	54	74	-11.31	-26.17	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

Date of Test:December 10, 2009Temperature:25°CEUT:2.4G RadioHumidity:50%Model No.:RZT 2.4GPower Supply:12V DC ("AA" batteries 8×)Test Mode:TX 2445MHzTest Engineer:Joe

Fundamental Radiated Emissions

Frequency	Reading(c	dBμV/m)	Factor(dB)	Result(c	lBμV/m)	Limit(dI	BμV/m)	Margi	in(dB)	Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
2445.002	96.34	101.52	-7.34	89.00	94.18	94	114	-5.00	-19.82	Vertical
2445.002	96.00	101.16	-7.34	88.66	93.82	94	114	-5.34	-20.18	Horizontal

Harmonics Radiated Emissions

Frequency	Reading(dBμV/m)	Factor(dB)	Result(c	lBμV/m)	Limit(dI	BμV/m)	Margi	in(dB)	Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
4890.002	49.82	55.01	0.18	50.00	55.19	54	74	-4.00	-18.81	Vertical
7335.003	45.54	50.72	3.27	48.81	53.99	54	74	-5.19	-20.01	Vertical
9780.003	35.16	40.31	9.64	44.80	49.95	54	74	-9.20	-24.05	Vertical
4890.002	49.67	54.82	0.18	49.85	55.00	54	74	-4.15	-19.00	Horizontal
7335.003	44.90	50.07	3.27	48.17	53.34	54	74	-5.83	-20.66	Horizontal
9780.003	34.63	39.80	9.64	44.27	49.44	54	74	-9.73	-24.56	Horizontal

Note:

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

Result = Reading + Corrected Factor

Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss - Amplifier Gain

5. SPURIOUS RADIATED EMISSION FOR SECTION 15.249(D)

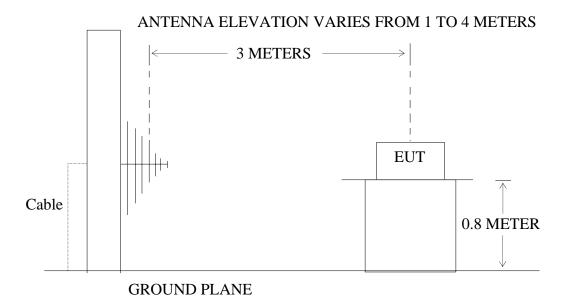
5.1.Block Diagram of Test Setup

5.1.1.Block diagram of connection between the EUT and simulators

EUT

(EUT: 2.4G Radio)

5.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: 2.4G Radio)

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

			
		Limit	
Frequency (MHz)	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
30 - 88	100	40	performed with Average detector.
88 - 216	150	43.5	Except those frequency bands mention above, the
216 - 960	200	46	final measurement for frequencies below
Above 960	500	54	1000MHz is performed with Quasi Peak detector.

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 Radio (EUT)

Model Number : RZT 2.4G Serial Number : N/A

Manufacturer : Shanghai Dacheng RC Model 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 2405-2445MHz. We are select 2405MHz, 2420MHz, 2445MHz 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:	December 10, 2009	Temperature:	25°C
EUT:	2.4G Radio	Humidity:	50%
Model No.:	RZT 2.4G	Power Supply:	12V DC ("AA" batteries 8×)
Test Mode:	TX 2405MHz	Test Engineer:	Joe

Frequency	Reading	Factor(dB)	Result	Limit	Margin	Polarization
(MHz)	(dBµV/m)	Corr.	(dBµV/m)	(dBµV/m)	(dB)	
	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

Date of Test:	December 10, 2009	Temperature:	25°C
EUT:	2.4G Radio	Humidity:	50%
Model No.:	RZT 2.4G	Power Supply:	12V DC ("AA" batteries 8×)
Test Mode:	TX 2420MHz	Test Engineer:	Joe

Frequency	Reading	Factor(dB)	Result	Limit	Margin	Polarization
(MHz)	(dBµV/m)	Corr.	(dBµV/m)	(dBµV/m)	(dB)	
	QP		QP	QP	QP	
_	-	1	1	-	-	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

Date of Test:	December 10, 2009	Temperature:	25°C
EUT:	2.4G Radio	Humidity:	50%
Model No.:	RZT 2.4G	Power Supply:	12V DC ("AA" batteries 8×)
Test Mode:	TX 2445MHz	Test Engineer:	Joe

Frequency	Reading	Factor(dB)	Result	Limit	Margin	Polarization
(MHz)	(dBµV/m)	Corr.	(dBµV/m)	(dBµV/m)	(dB)	
	QP		QP	QP	QP	
-	-	1	1	1	-	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

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 Radio (EUT)

Model Number : RZT 2.4G

Serial Number : N/A

Manufacturer : Shanghai Dacheng RC Model Co., Ltd.

6.3. Operating Condition of EUT

- 6.3.1. Setup the EUT and simulator as shown as Section 4.1.
- 6.3.2. Turn on the power of all equipment.
- 6.3.3. Let the EUT work in TX modes measure it. The transmit frequency are 2405-2445MHz. We are select 2405MHz, 2445MHz 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:	December 10, 2009	Temperature:	25°C
EUT:	2.4G Radio	Humidity:	50%
Model No.:	RZT 2.4G	Power Supply:	12V DC ("AA" batteries 8×)
Test Mode:	TX 2405MHz	Test Engineer:	Joe

Frequency	Reading(c	eading(dBμV/m) Factor(dB)		Result(dBμV/m)		Limit(dBµV/m)		Margi	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

Date of Test:	December 10, 2009	Temperature:	25°C
EUT:	2.4G Radio	Humidity:	50%
Model No.:	RZT 2.4G	Power Supply:	12V DC ("AA" batteries 8×)
Test Mode:	TX 2445MHz	Test Engineer:	Joe

Frequency	Reading(c	dBμV/m)	Factor(dB)	Result(c	Result(dBµV/m)		BμV/m)	Margi	in(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

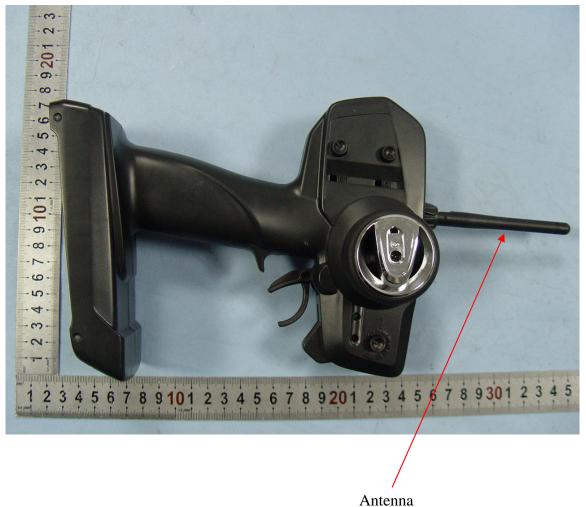
7. ANTENNA REQUIREMENT

7.1. The Requirement

7.1.1.According to Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

7.2. Antenna Construction

Device is equipped with unique antenna. Therefore, the equipment complies with the antenna requirement of Section 15.203.



APPENDIX I (Test Curves)



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 #3771 Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2405MHz

Model: RZT 2.4G

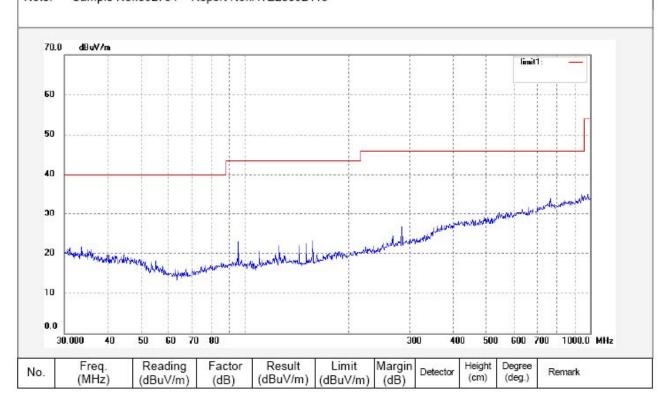
Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Note: Sample No.:092754 Report No.:ATE20092415

Polarization: Horizontal Power Source: DC 12V

Date: 09/12/10/ Time: 9/11/40

Engineer Signature: Joe





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 #3770

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2405MHz

Model: RZT 2.4G

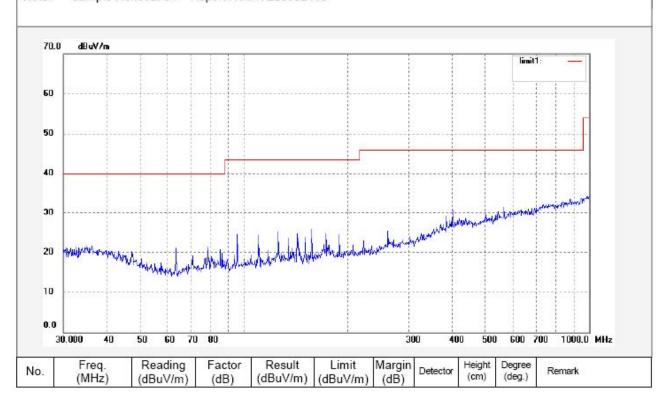
Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Note: Sample No.:092754 Report No.:ATE20092415



Date: 09/12/10/ Time: 9/08/29

Engineer Signature: Joe





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 #3782

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2405MHz

Model: RZT 2.4G

Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

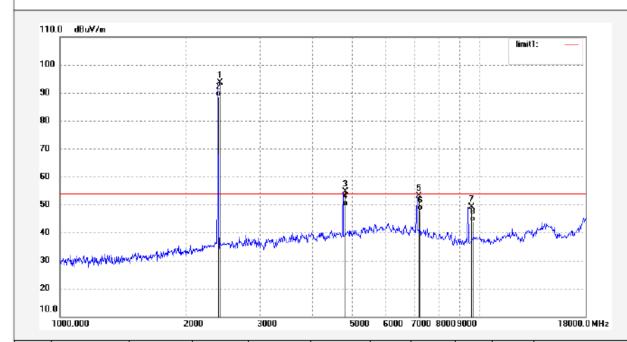
Note: Sample No.:092754 Report No.:ATE20092415



Power Source: DC 12V

Date: 09/12/10/ Time: 10/02/04

Engineer Signature: Joe



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2405.005	101.19	-7.45	93.74	114.00	-20.26	peak			
2	2405.005	96.06	-7.45	88.61	94.00	-5.39	AVG			
3	4810.004	54.88	-0.26	54.62	74.00	-19.38	peak			
4	4810.004	49.72	-0.26	49.46	54.00	-4.54	AVG			
5	7215.004	50.04	2.99	53.03	74.00	-20.97	peak			
6	7215.004	44.90	2.99	47.89	54.00	-6.11	AVG			
7	9620.002	39.62	9.44	49.06	74.00	-24.94	peak			
8	9620.002	34.48	9.44	43.92	54.00	-10.08	AVG			



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 #3783

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio

Mode: TX 2405MHz Model: RZT 2.4G

Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

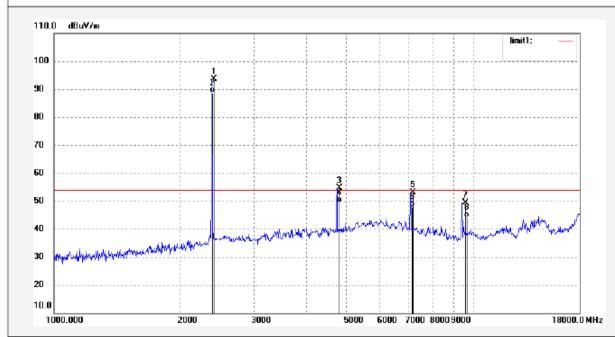
Note: Sample No.:092754 Report No.:ATE20092415

Polarization: Vertical

Power Source: DC 12V

Date: 09/12/10/ Time: 10/06/06

Engineer Signature: Joe



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2405.005	101.12	-7.45	93.67	114.00	-20.33	peak			
2	2405.005	96.00	-7.45	88.55	94.00	-5.45	AVG			
3	4810.004	54.86	-0.26	54.60	74.00	-19.40	peak			
4	4810.004	49.71	-0.26	49.45	54.00	-4.55	AVG			
5	7215.004	50.13	2.99	53.12	74.00	-20.88	peak			
6	7215.004	44.97	2.99	47.96	54.00	-6.04	AVG			
7	9620.002	39.97	9.44	49.41	74.00	-24.59	peak			
8	9620.002	34.81	9.44	44.25	54.00	-9.75	AVG			



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Job No.: RTTE #3793

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

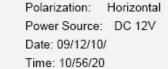
Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2405MHz

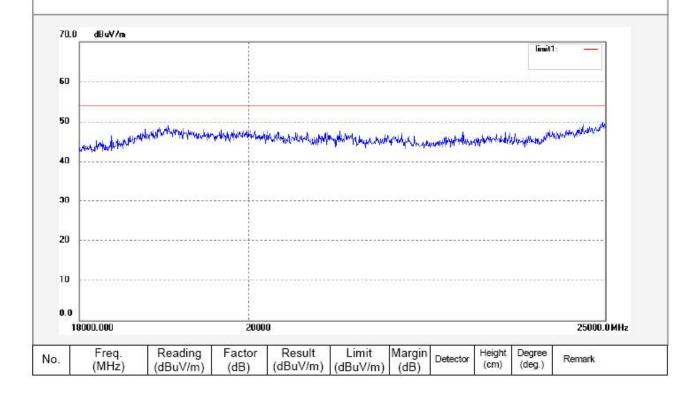
Model: RZT 2.4G

Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Note: Sample No.:092754 Report No.:ATE20092415



Engineer Signature: Joe





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 #3792

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2405MHz

Model: RZT 2.4G

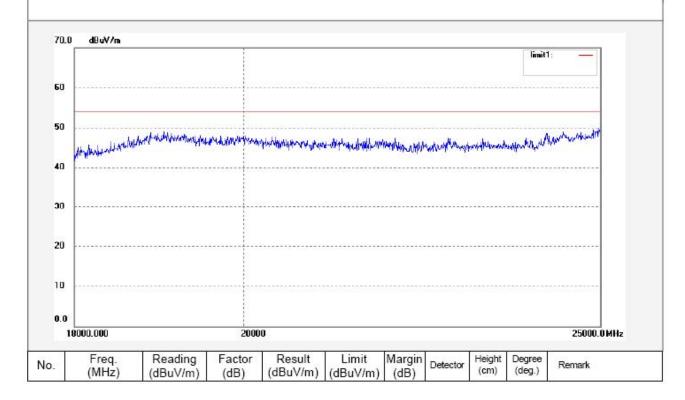
Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Note: Sample No.:092754 Report No.:ATE20092415

Polarization: Vertical Power Source: DC 12V

Date: 09/12/10/ Time: 10/52/13

Engineer Signature: Joe





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 #3772

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2420MHz

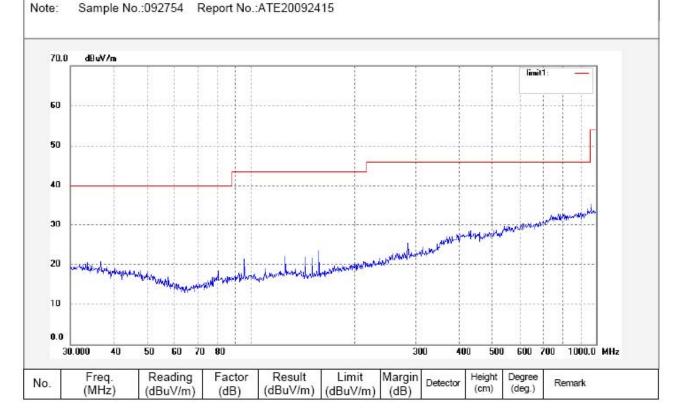
Model: RZT 2.4G

Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Polarization: Horizontal Power Source: DC 12V

Date: 09/12/10/ Time: 9/15/46

Engineer Signature: Joe





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 #3773

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2420MHz

Model: RZT 2.4G

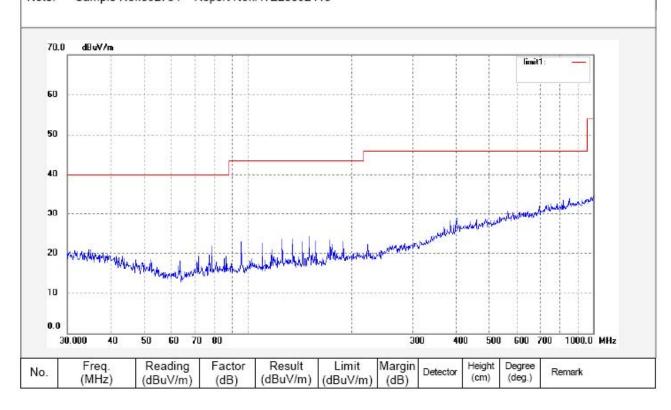
Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Note: Sample No.:092754 Report No.:ATE20092415

Polarization: Vertical Power Source: DC 12V

Date: 09/12/10/ Time: 9/18/58

Engineer Signature: Joe





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 #3785

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio

Mode: TX 2420MHz Model: RZT 2.4G

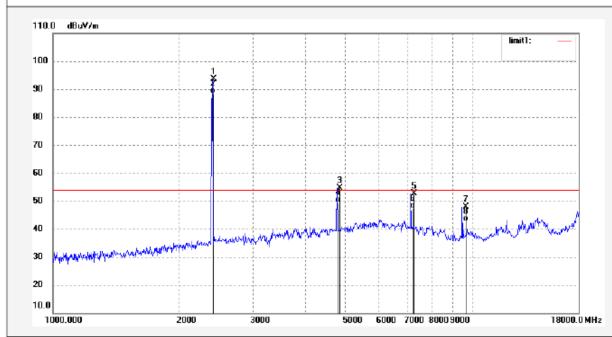
Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Note: Sample No.:092754 Report No.:ATE20092415

Polarization: Horizontal Power Source: DC 12V

Date: 09/12/10/ Time: 10/15/09

Engineer Signature: Joe



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2420.004	101.04	-7.41	93.63	114.00	-20.37	peak			
2	2420.004	95.87	-7.41	88.46	94.00	-5.54	AVG			
3	4840.003	54.65	-0.10	54.55	74.00	-19.45	peak			
4	4840.003	49.49	-0.10	49.39	54.00	-4.61	AVG			
5	7260.004	49.58	3.10	52.68	74.00	-21.32	peak			
6	7260.004	44.40	3.10	47.50	54.00	-6.50	AVG			
7	9680.002	38.31	9.52	47.83	74.00	-26.17	peak		·	
8	9680.002	33.17	9.52	42.69	54.00	-11.31	AVG			



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 #3784

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio

Mode: TX 2420MHz Model: RZT 2.4G

Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

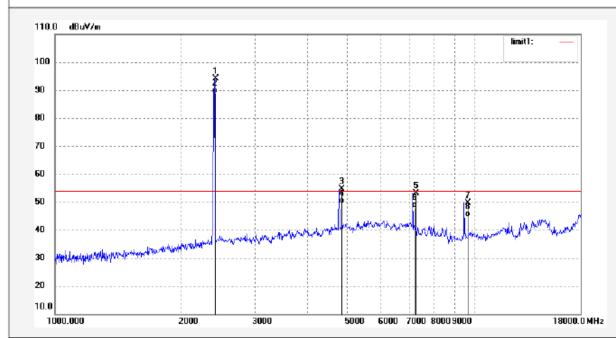
Note: Sample No.:092754 Report No.:ATE20092415

Polarization: Vertical

Power Source: DC 12V

Date: 09/12/10/ Time: 10/11/02

Engineer Signature: Joe



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2420.004	101.42	-7.41	94.01	114.00	-19.99	peak			
2	2420.004	96.27	-7.41	88.86	94.00	-5.14	AVG			
3	4840.003	54.63	-0.10	54.53	74.00	-19.47	peak			
4	4840.003	49.48	-0.10	49.38	54.00	-4.62	AVG			
5	7260.004	49.91	3.10	53.01	74.00	-20.99	peak			
6	7260.004	44.75	3.10	47.85	54.00	-6.15	AVG			
7	9680.002	40.18	9.52	49.70	74.00	-24.30	peak			
8	9680.002	35.02	9.52	44.54	54.00	-9.46	AVG			



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 #3794

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2420MHz

Model: RZT 2.4G

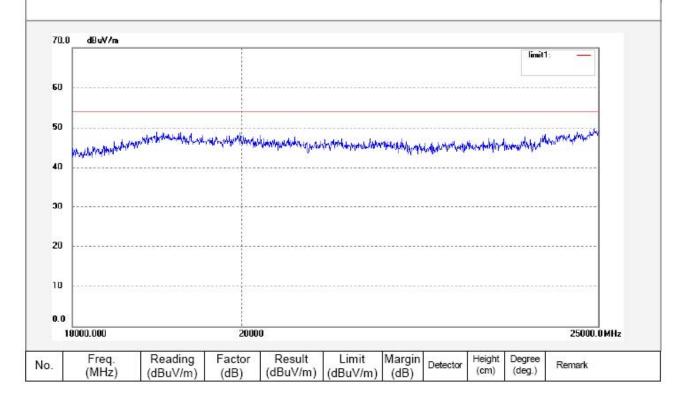
Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Note: Sample No.:092754 Report No.:ATE20092415

Polarization: Horizontal Power Source: DC 12V

Date: 09/12/10/ Time: 11/01/07

Engineer Signature: Joe





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 #3795

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2420MHz

Model: RZT 2.4G

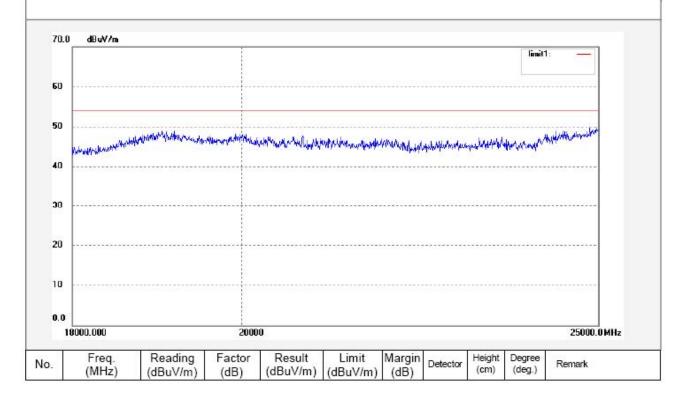
Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Note: Sample No.:092754 Report No.:ATE20092415



Date: 09/12/10/ Time: 11/05/08

Engineer Signature: Joe





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 #3775

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2445MHz

Model: RZT 2.4G

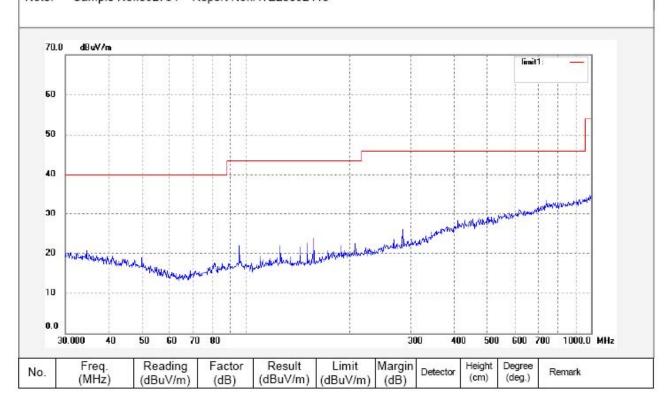
Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Note: Sample No.:092754 Report No.:ATE20092415

Polarization: Horizontal Power Source: DC 12V

Date: 09/12/10/ Time: 9/26/48

Engineer Signature: Joe





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 #3774

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2445MHz

Model: RZT 2.4G

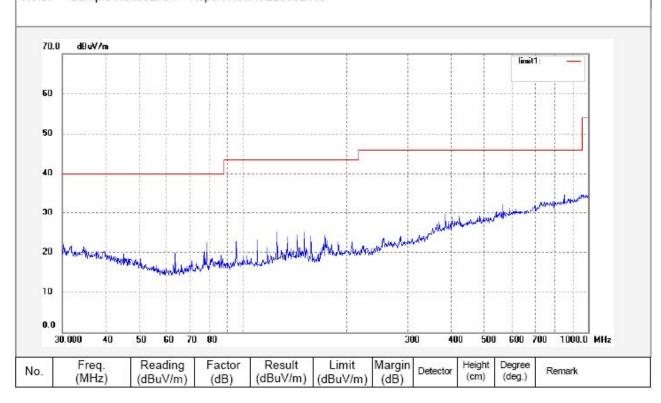
Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Note: Sample No.:092754 Report No.:ATE20092415

Polarization: Vertical Power Source: DC 12V

Date: 09/12/10/ Time: 9/23/29

Engineer Signature: Joe





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 #3786

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio

Mode: TX 2445MHz Model: RZT 2.4G

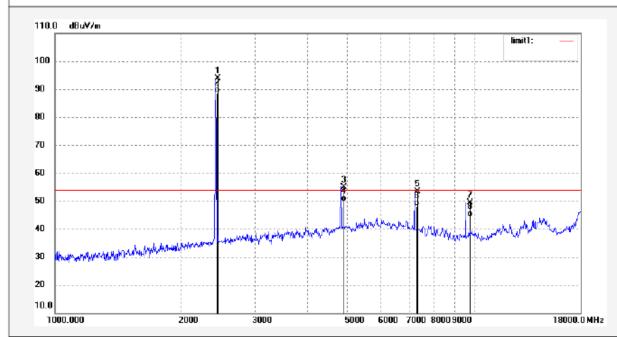
Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Note: Sample No.:092754 Report No.:ATE20092415

Polarization: Horizontal Power Source: DC 12V

Date: 09/12/10/ Time: 10/20/11

Engineer Signature: Joe



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2445.002	101.16	-7.34	93.82	114.00	-20.18	peak			
2	2445.002	96.00	-7.34	88.66	94.00	-5.34	AVG			
3	4890.002	54.82	0.18	55.00	74.00	-19.00	peak			
4	4890.002	49.67	0.18	49.85	54.00	-4.15	AVG			
5	7335.003	50.07	3.27	53.34	74.00	-20.66	peak			
6	7335.003	44.90	3.27	48.17	54.00	-5.83	AVG			
7	9780.003	39.80	9.64	49.44	74.00	-24.56	peak		·	
8	9780.003	34.63	9.64	44.27	54.00	-9.73	AVG			



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 #3787

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2445MHz

Model: RZT 2.4G

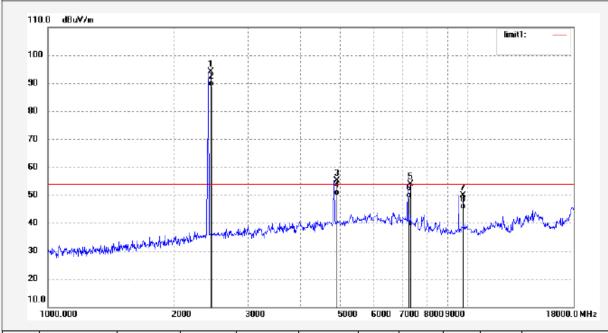
Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Note: Sample No.:092754 Report No.:ATE20092415

Polarization: Vertical Power Source: DC 12V

Date: 09/12/10/ Time: 10/24/26

Engineer Signature: Joe



No. Freq.	Reading (dBuV/m)	Factor	Result	Limit	Margin		Height	Degree	
(MHz)	\	(dB)	(dBuV/m)	(dBuV/m)	(dB)	Detector	(cm)	(deg.)	Remark
1 2445.002	101.52	-7.34	94.18	114.00	-19.82	peak			
2 2445.002	96.34	-7.34	89.00	94.00	-5.00	AVG			
3 4890.002	55.01	0.18	55.19	74.00	-18.81	peak			
4 4890.002	49.82	0.18	50.00	54.00	-4.00	AVG			
5 7335.003	50.72	3.27	53.99	74.00	-20.01	peak			
6 7335.003	45.54	3.27	48.81	54.00	-5.19	AVG			
7 9780.003	40.31	9.64	49.95	74.00	-24.05	peak			
8 9780.003	35.16	9.64	44.80	54.00	-9.20	AVG			



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 #3797

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

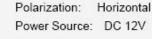
Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2445MHz

Model: RZT 2.4G

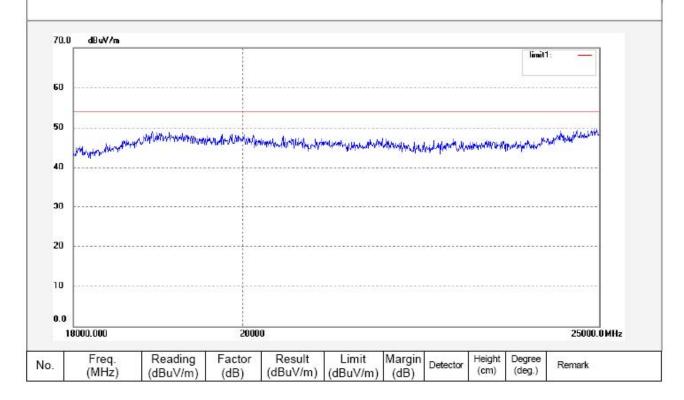
Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Note: Sample No.:092754 Report No.:ATE20092415



Date: 09/12/10/ Time: 11/15/13

Engineer Signature: Joe





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 #3796

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2445MHz

Model: RZT 2.4G

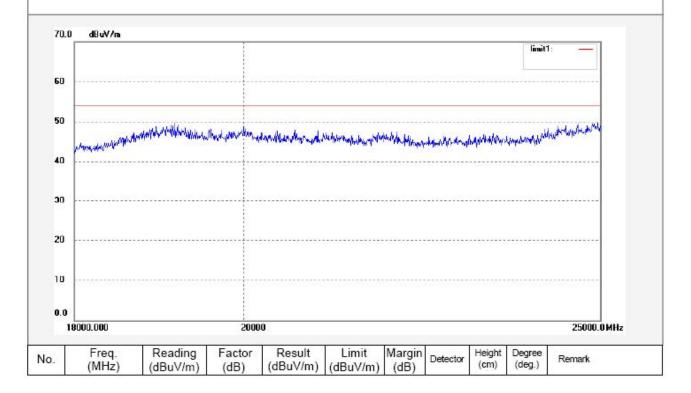
Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Note: Sample No.:092754 Report No.:ATE20092415

Polarization: Vertical Power Source: DC 12V Date: 09/12/10/

Time: 11/10/47

Engineer Signature: Joe





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 #3789 Standard: FCC Part 15 PEAK 2.4G

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2405MHz

Model: RZT 2.4G

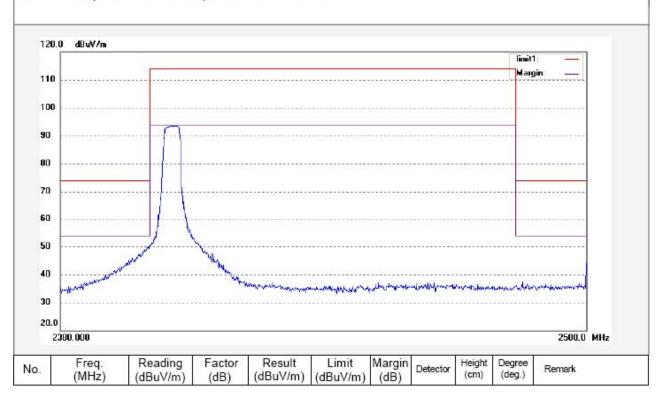
Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Note: Sample No.:092754 Report No.:ATE20092415

Polarization: Horizontal Power Source: DC 12V

Date: 09/12/10/ Time: 10/36/23

Engineer Signature: Joe





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 #3788 Standard: FCC Part 15 PEAK 2.4G

Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2405MHz

Model: RZT 2.4G

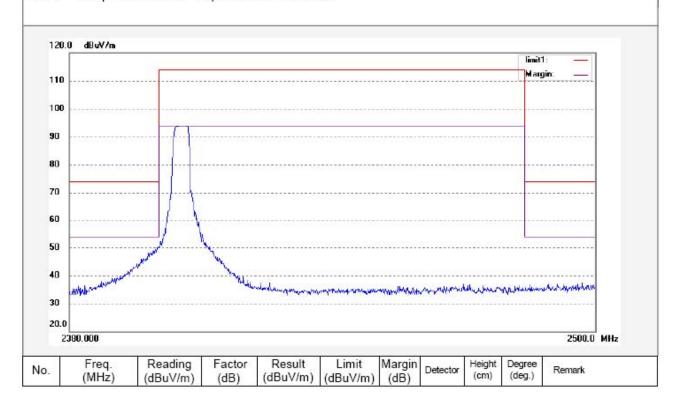
Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Note: Sample No.:092754 Report No.:ATE20092415

Polarization: Vertical Power Source: DC 12V

Date: 09/12/10/ Time: 10/31/19

Engineer Signature: Joe





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 #3790 Standard: FCC Part 15 PEAK 2.4G

Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2445MHz

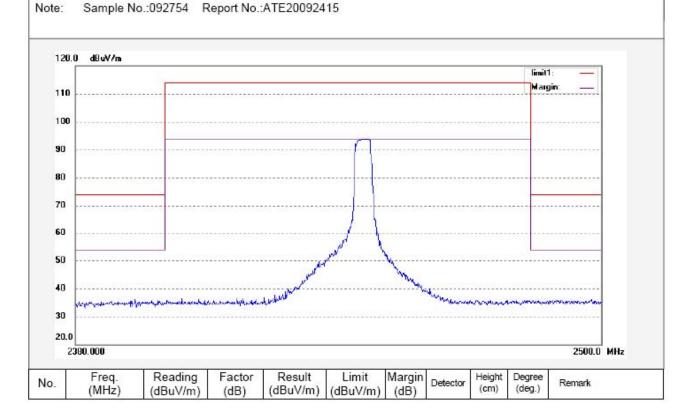
Model: RZT 2.4G

Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Polarization: Horizontal Power Source: DC 12V

Date: 09/12/10/ Time: 10/41/48

Engineer Signature: Joe





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 #3791 Standard: FCC Part 15 PEAK 2.4G

Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 50 %

EUT: 2.4GHz Radio Mode: TX 2445MHz

Model: RZT 2.4G

Manufacturer: Shanghai Dacheng RC Model Co., Ltd.

Note: Sample No.:092754 Report No.:ATE20092415

Polarization: Vertical Power Source: DC 12V

Date: 09/12/10/ Time: 10/46/31

Engineer Signature: Joe

