

APPLICATION FOR VERIFICATION
On Behalf of
A&H Design Group, Ltd.

Wireless remote control vibrator
Model No.: BV-002 BLK, BV-002 PUR

FCC ID: 2AG2K-BV-001RX

Prepared for : A&H Design Group, Ltd.
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Prepared by : Accurate Technology Co., Ltd.
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Report No. : ATE20152701 002
Date of : Dec 21, 2015-Dec 24, 2015
Original Test
Date of new : Apr 25, 2016-May 31, 2016
Test
Date of Report : Dec 24, 2015
REV.0
Date of Report : May 31, 2016
REV.2

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Test Report Declaration

Applicant : A&H Design Group, Ltd.
Manufacturer : TOPARC Technology(Shenzhen)Co.,Ltd.
Product : Wireless remote control vibrator
Model No. : BV-002 BLK, BV-002 PUR
(Note: they are identical in interior structure, electrical circuits and components, and Product model is different because of different Color of product appearance. So we prepare the BV-002 BLK for test.)
Trade name : N/A

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B ANSI C63.4: 2014

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 B Class B limits both radiated and conducted emissions. 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.

The original report number is ATE20152701. The key components of the wireless module are not changed. After evaluation, Radiated Emission and Conducted Emission need to be retested.

Date of Original Test :	Dec 21, 2015-Dec 24, 2015
Date of NEW Test :	Apr 25, 2016-May 31, 2016
Date of Report REV.0 :	Dec 24, 2015
Date of Report REV.2 :	May 31, 2016

Prepared by :



(Tim.zhang, Engineer)

Approved & Authorized Signer :



(Sean Liu, Manager)

1. TEST RESULTS SUMMARY

Test Items	Test Standard	Test Results
Power Line Conducted Emission	FCC Part 15 Subpart B	Pass
Radiated Emission	FCC Part 15 Subpart B	Pass

2. GENERAL INFORMATION

2.1.Product of Device (EUT)

EUT	: Wireless remote control vibrator
Model Number	: BV-002 BLK, BV-002 PUR
Power Supply	: DC 5V(powered by Charge port) or DC 3.7V(powered by battery)
Modulation:	: ASK
RX Frequency	: 433.92MHz
Applicant	: A&H Design Group, Ltd.
Address	: Suite 608, Tower One, Harbour Centre1 Hok Cheung Street, Hung Hom ,Kowloon, Hong Kong
Manufacturer	: TOPARC Technology(Shenzhen)Co., Ltd.
Address	: 1/2F, 12 Building, Lianchuang Park, Bulan Road, Buji Town, Longgang District, Shenzhen City, Guangdong Province, P.R. China 518114
Date of new sample received	: Apr 25, 2016
Date of new Test	: Apr 25, 2016--May 31, 2016

2.2.Special Accessory and Auxiliary Equipment

AC/DC Power Adapter: Model:HW-050100C2W
(provided by laboratory) INPUT: 100-240V~50/60Hz 0.2A
OUTPUT:5V/1.0A

2.3. Description of Test Facility

EMC Lab : Accredited by TUV Rheinland Shenzhen, May 10, 2004

Listed by FCC
The Registration Number is 253065

Listed by FCC
The Registration Number is 752051

Listed by Industry Canada
The Registration Number is 5077A-1

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&D, Changyuan New Material Port, Keyuan Rd., Science & Industry Park, Nanshan District, Shenzhen 518057, P.R. China

2.4. Measurement Uncertainty

Conducted emission expanded uncertainty : U=2.23dB, k=2

Power disturbance expanded uncertainty : U=2.92dB, k=2

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

Radiated emission expanded uncertainty : U=4.42dB, k=2
(30MHz-1000MHz)

Radiated emission expanded uncertainty : U=4.06dB, k=2
(Above 1GHz)

3. MEASURING DEVICE AND TEST EQUIPMENT

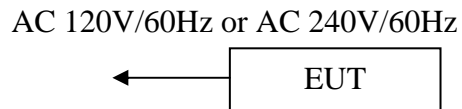
Table 1: List of Test and Measurement Equipment

Kind of equipment	Manufacturer	Type	S/N	Calibrated dates	Cal. Interval
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 09, 2016	One Year
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 09, 2016	One Year
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 09, 2016	One Year
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	Jan. 09, 2016	One Year
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 14, 2016	One Year
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 14, 2016	One Year
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 14, 2016	One Year
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-1067	Jan. 14, 2016	One Year
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 09, 2016	One Year
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 09, 2016	One Year
Highpass Filter	Wainwright Instruments	WHKX3.6/18 G-10SS	N/A	Jan. 09, 2016	One Year
Band Reject Filter	Wainwright Instruments	WRCG2400/2 485-2375/2510 -60/11SS	N/A	Jan. 09, 2016	One Year

4. POWER LINE CONDUCTED MEASUREMENT

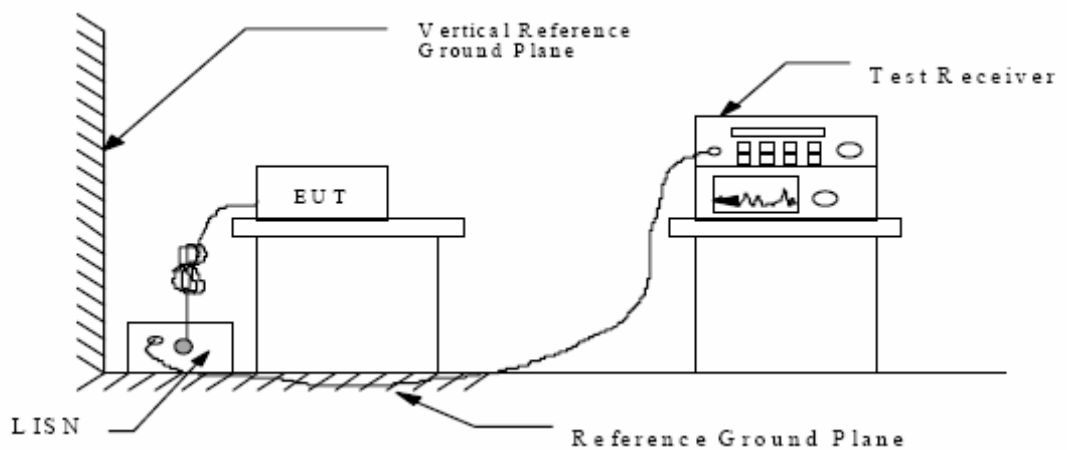
4.1. Block Diagram of Test Setup

4.1.1. Block diagram of connection between the EUT and simulators



(EUT: Wireless remote control vibrator)

4.1.2. Shielding Room Test Setup Diagram



(EUT: Wireless remote control vibrator)

4.2. The Emission Limit

4.2.1. Conducted Emission Measurement Limits According to Section 15.107(a)

Frequency (MHz)	Limit dB(μ V)	
	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.

4.3. Configuration of EUT on Measurement

The following equipments are installed on Power Line Conducted Emission Measurement to meet the commission requirement and operating regulations in a manner, which tends to maximize its emission characteristics in a normal application.

4.3.1. Wireless remote control vibrator (EUT)

Model Number: BV-002 BLK

Serial Number: N/A

Manufacturer: TOPARC Technology(Shenzhen)Co., Ltd.

4.4. Operating Condition of EUT

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

4.4.2. Turn on the power of all equipment.

4.4.3. Let the EUT work in test mode and measure it.

4.5. 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: 2014 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.

4.6. Power Line Conducted Emission Measurement Results

PASS.

Test Mode: Charging(240V/60Hz)								
MEASUREMENT RESULT: "RY0504-1_fin"								
2016-5-4 18:23								
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE	
0.674000	40.90	11.5	56	15.1	QP	L1	GND	
4.344500	38.20	11.8	56	17.8	QP	L1	GND	
4.812500	39.50	11.8	56	16.5	QP	L1	GND	
MEASUREMENT RESULT: "RY0504-1_fin2"								
2016-5-4 18:23								
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE	
4.812500	29.50	11.8	46	16.5	AV	L1	GND	
4.844000	30.40	11.8	46	15.6	AV	L1	GND	
4.875500	31.30	11.8	46	14.7	AV	L1	GND	
MEASUREMENT RESULT: "RY0504-2_fin"								
2016-5-4 18:26								
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE	
0.430000	40.20	11.4	57	17.1	QP	N	GND	
4.529000	36.70	11.8	56	19.3	QP	N	GND	
4.979000	37.80	11.8	56	18.2	QP	N	GND	
MEASUREMENT RESULT: "RY0504-2_fin2"								
2016-5-4 18:26								
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE	
4.668500	30.10	11.8	46	15.9	AV	N	GND	
4.700000	30.70	11.8	46	15.3	AV	N	GND	
4.979000	28.00	11.8	46	18.0	AV	N	GND	

Test Mode: Charging(120V/60Hz)								
MEASUREMENT RESULT: "RY0504-4_fin"								
2016-5-4 18:30								
Frequency	Level	Transd	Limit	Margin	Detector	Line	PE	
MHz	dBµV	dB	dBµV	dB				
0.448000	39.70	11.4	57	17.2	QP	L1	GND	
0.754000	38.70	11.5	56	17.3	QP	L1	GND	
0.942000	35.70	11.6	56	20.3	QP	L1	GND	
MEASUREMENT RESULT: "RY0504-4_fin2"								
2016-5-4 18:30								
Frequency	Level	Transd	Limit	Margin	Detector	Line	PE	
MHz	dBµV	dB	dBµV	dB				
0.450000	29.00	11.4	47	17.9	AV	L1	GND	
0.750000	29.90	11.5	46	16.1	AV	L1	GND	
4.979000	25.20	11.8	46	20.8	AV	L1	GND	
MEASUREMENT RESULT: "RY0504-3_fin"								
2016-5-4 18:28								
Frequency	Level	Transd	Limit	Margin	Detector	Line	PE	
MHz	dBµV	dB	dBµV	dB				
0.440000	41.90	11.4	57	15.2	QP	N	GND	
0.728000	39.20	11.5	56	16.8	QP	N	GND	
0.908000	36.40	11.6	56	19.6	QP	N	GND	
MEASUREMENT RESULT: "RY0504-3_fin2"								
2016-5-4 18:28								
Frequency	Level	Transd	Limit	Margin	Detector	Line	PE	
MHz	dBµV	dB	dBµV	dB				
0.442000	32.90	11.4	47	14.1	AV	N	GND	
0.716000	28.20	11.5	46	17.8	AV	N	GND	
4.812500	25.70	11.8	46	20.3	AV	N	GND	

Emissions attenuated more than 20 dB below the permissible value are not reported.

The spectral diagrams are shown in the following pages.

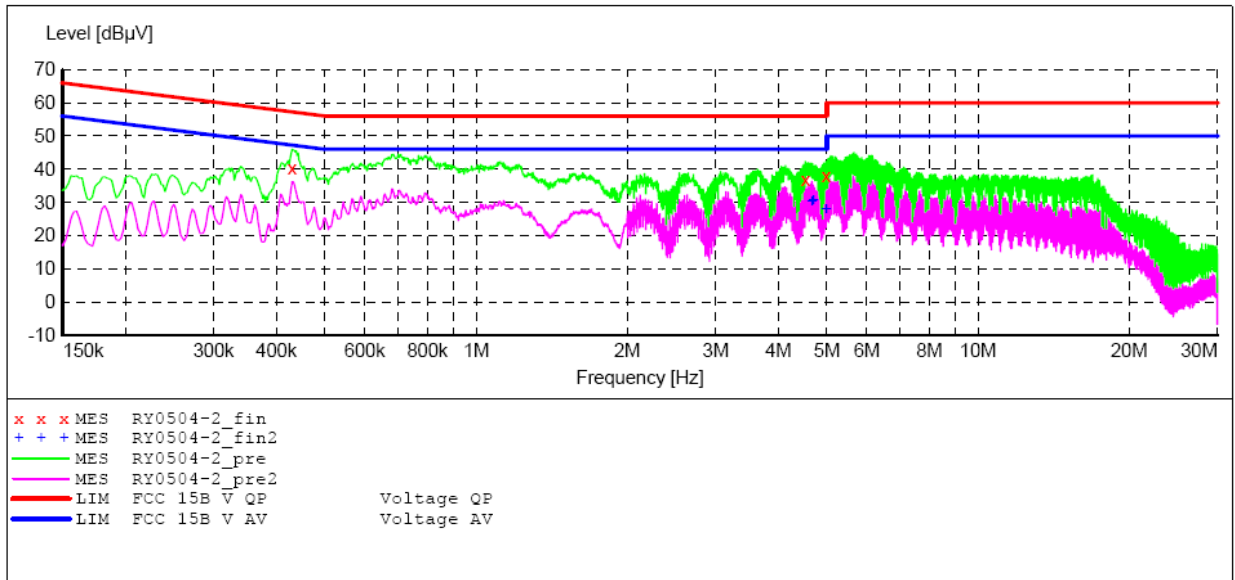
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART15B

EUT: Wireless remote control vibrator M/N:BV-002 BLK
 Manufacturer: TOPARC
 Operating Condition: CHARGING
 Test Site: 2#Shielding Room
 Operator: Ricky
 Test Specification: N 240V/60Hz
 Comment: Report NO.:ATE20152701 002
 Start of Test: 2016-5-4 / 18:24:32

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

Short Description:		_SUB_STD_VTERM2 1.70					
Start	Stop	Step	Detector	Meas.	IF	Transducer	
Frequency	Frequency	Width		Time	Bandw.		
150.0 kHz	30.0 MHz	4.5 kHz	QuasiPeak	1.0 s	9 kHz	LISN(ESH3-Z5)	
			Average				



MEASUREMENT RESULT: "RY0504-2_fin"

2016-5-4 18:26

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.430000	40.20	11.4	57	17.1	QP	N	GND
4.529000	36.70	11.8	56	19.3	QP	N	GND
4.979000	37.80	11.8	56	18.2	QP	N	GND

MEASUREMENT RESULT: "RY0504-2_fin2"

2016-5-4 18:26

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
4.668500	30.10	11.8	46	15.9	AV	N	GND
4.700000	30.70	11.8	46	15.3	AV	N	GND
4.979000	28.00	11.8	46	18.0	AV	N	GND

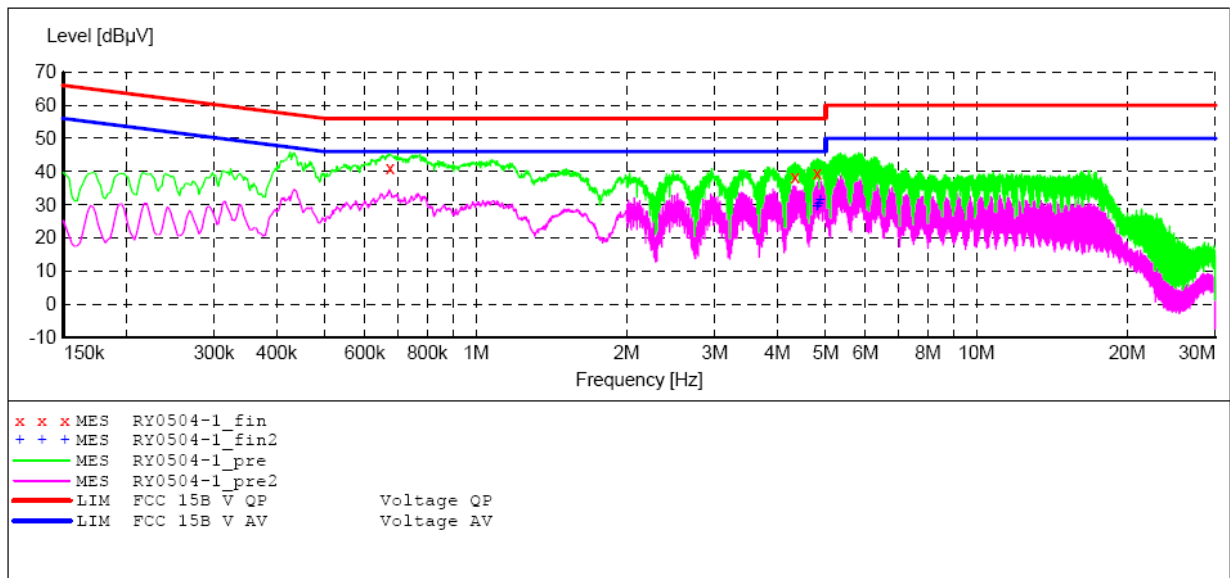
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART15B

EUT: Wireless remote control vibrator M/N:BV-002 BLK
 Manufacturer: TOPARC
 Operating Condition: CHARGING
 Test Site: 2#Shielding Room
 Operator: Ricky
 Test Specification: L 240V/60Hz
 Comment: Report NO.:ATE20152701 002
 Start of Test: 2016-5-4 / 18:22:05

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

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN(ESH3-Z5)
 Average



MEASUREMENT RESULT: "RY0504-1_fin"

2016-5-4 18:23

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.674000	40.90	11.5	56	15.1	QP	L1	GND
4.344500	38.20	11.8	56	17.8	QP	L1	GND
4.812500	39.50	11.8	56	16.5	QP	L1	GND

MEASUREMENT RESULT: "RY0504-1_fin2"

2016-5-4 18:23

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
4.812500	29.50	11.8	46	16.5	AV	L1	GND
4.844000	30.40	11.8	46	15.6	AV	L1	GND
4.875500	31.30	11.8	46	14.7	AV	L1	GND

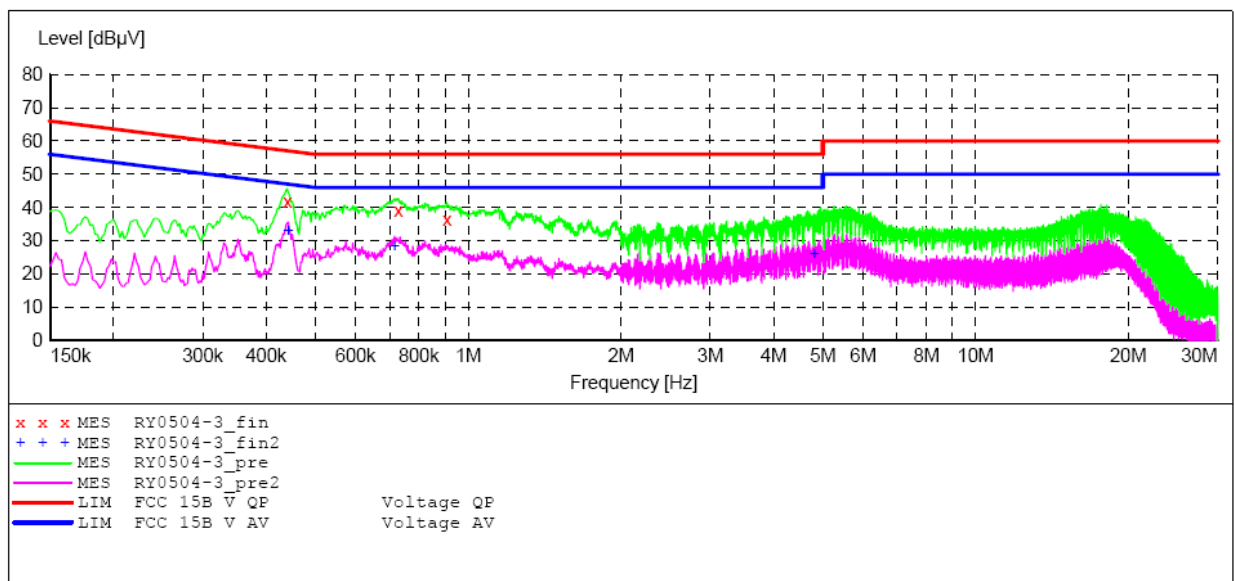
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART15B

EUT: Wireless remote control vibrator M/N:BV-002 BLK
 Manufacturer: TOPARC
 Operating Condition: CHARGING
 Test Site: 2#Shielding Room
 Operator: Ricky
 Test Specification: N 120V/60Hz
 Comment: Report NO.:ATE20152701 002
 Start of Test: 2016-5-4 / 18:26:34

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

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN(ESH3-Z5)
 Average



MEASUREMENT RESULT: "RY0504-3_fin"

2016-5-4 18:28

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.440000	41.90	11.4	57	15.2	QP	N	GND
0.728000	39.20	11.5	56	16.8	QP	N	GND
0.908000	36.40	11.6	56	19.6	QP	N	GND

MEASUREMENT RESULT: "RY0504-3_fin2"

2016-5-4 18:28

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.442000	32.90	11.4	47	14.1	AV	N	GND
0.716000	28.20	11.5	46	17.8	AV	N	GND
4.812500	25.70	11.8	46	20.3	AV	N	GND

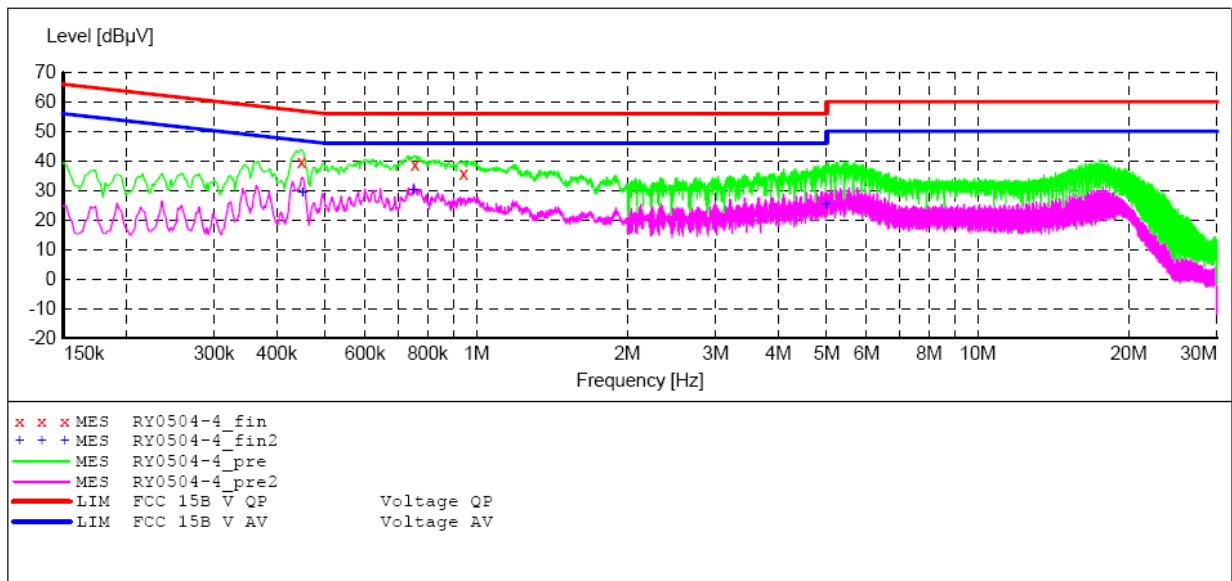
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART15B

EUT: Wireless remote control vibrator M/N:BV-002 BLK
 Manufacturer: TOPARC
 Operating Condition: CHARGING
 Test Site: 2#Shielding Room
 Operator: Ricky
 Test Specification: L 120V/60Hz
 Comment: Report NO.:ATE20152701 002
 Start of Test: 2016-5-4 / 18:28:48

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

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN(ESH3-Z5)
 Average



MEASUREMENT RESULT: "RY0504-4_fin"

2016-5-4 18:30

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.448000	39.70	11.4	57	17.2	QP	L1	GND
0.754000	38.70	11.5	56	17.3	QP	L1	GND
0.942000	35.70	11.6	56	20.3	QP	L1	GND

MEASUREMENT RESULT: "RY0504-4_fin2"

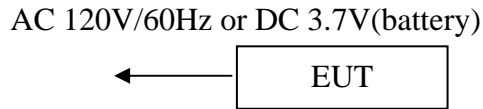
2016-5-4 18:30

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.450000	29.00	11.4	47	17.9	AV	L1	GND
0.750000	29.90	11.5	46	16.1	AV	L1	GND
4.979000	25.20	11.8	46	20.8	AV	L1	GND

5. RADIATED EMISSION MEASUREMENT

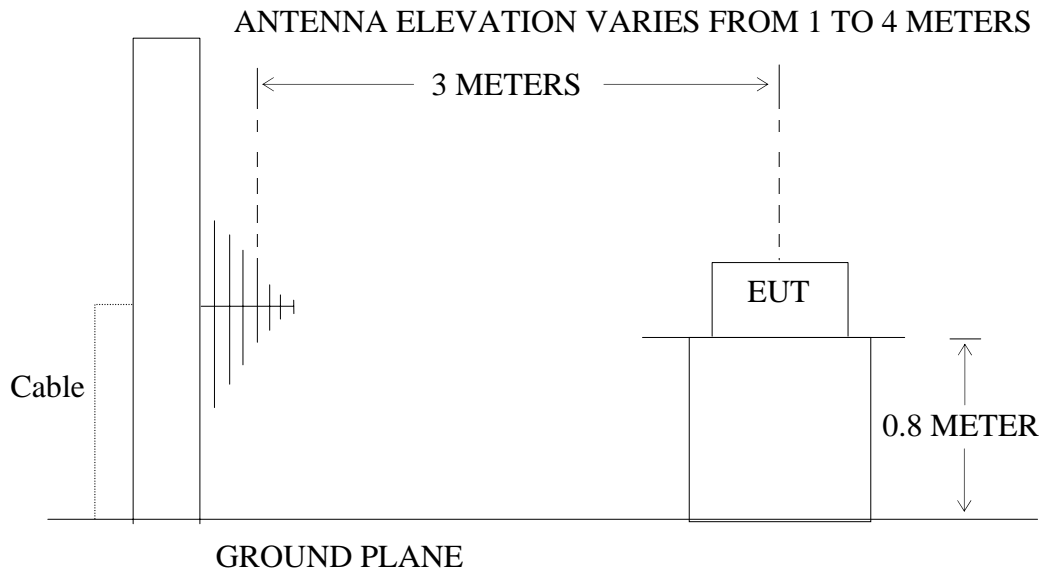
5.1. Block Diagram of Test Setup

5.1.1. Block diagram of connection between the EUT and simulators



(EUT: Wireless remote control vibrator)

5.1.2. Semi-Anechoic Chamber Test Setup Diagram



(EUT: Wireless remote control vibrator)

5.2.The Emission Limit For Section 15.109 (a)

5.2.1.Radiation Emission Measurement Limits According to Section 15.109 (a).

Frequency MHz	Distance Meters	Field Strengths Limit	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V/m})$
30-88	3	100	40.0
88-216	3	150	43.5
216-960	3	200	46.0
960-1000	3	500	54.0

Remark: (1) Emission level $\text{dB}(\mu\text{V}) = 20 \log$ Emission level $\mu\text{V/m}$.
(2)The smaller limit shall apply at the cross point between two frequency bands.
(3)Distance is the distance in meters between the measuring instrument antenna and the closest point of any part of the device or system.

5.3.EUT Configuration on Measurement

The following equipment is 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.

5.3.1.Wireless remote control vibrator

Model Number: BV-002 BLK

Serial Number: N/A

Manufacturer: TOPARC Technology(Shenzhen)Co., Ltd.

5.4.Operating Condition of EUT

5.4.1.Setup the EUT and simulator as shown as Section 4.2.

5.4.2.Turn on the power of all equipment.

5.4.3.Let the EUT work in test mode and measure it.

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: 2014 on radiated emission measurement.

The bandwidth of the EMI test receiver(R&S ESCS30) is set at 120kHz from 30MHz to 1000MHz.

The frequency range from 30MHz to 5000MHz is checked.

5.6.Radiated Emission Noise Measurement Result

PASS.

Model Number: BV-002 BLK								
Test mode: Charging(120V/60Hz)								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	35.0048	27.34	-9.59	17.75	40.00	-22.25	QP
	2	59.2325	41.04	-13.12	27.92	40.00	-12.08	QP
	3	148.4410	41.70	-14.88	26.82	43.50	-16.68	QP
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	59.2325	38.85	-13.12	25.73	40.00	-14.27	QP
	2	77.8653	42.53	-16.07	26.46	40.00	-13.54	QP
	3	157.0072	46.61	-14.59	32.02	43.50	-11.48	QP
Above 1G								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	2100.028	42.33	-8.44	33.89	74.00	-40.11	peak
	2	2100.028	33.09	-8.44	24.65	54.00	-29.35	AVG
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1855.259	44.43	-9.55	34.88	74.00	-39.12	peak
	2	1855.259	36.51	-9.55	26.96	54.00	-27.04	AVG

Model Number: BV-002 BLK								
Test mode: RX(3.7V)								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	55.2207	33.58	-12.33	21.25	40.00	-18.75	QP
	2	140.3421	40.53	-14.92	25.61	43.50	-17.89	QP
	3	235.8164	34.12	-10.89	23.23	46.00	-22.77	QP
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	55.2207	39.01	-12.33	26.68	40.00	-13.32	QP
	2	135.0319	43.56	-13.75	29.81	43.50	-13.69	QP
	3	154.8204	44.36	-14.82	29.54	43.50	-13.96	QP
Above 1G								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	2443.028	43.15	-7.35	35.80	54.00	-18.20	peak
	2	2443.028	35.21	-7.35	27.86	54.00	-26.14	AVG
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1843.353	44.66	-9.60	35.06	54.00	-18.94	peak
	2	1843.353	36.33	-9.60	26.73	54.00	-27.27	AVG

Below 1GHz


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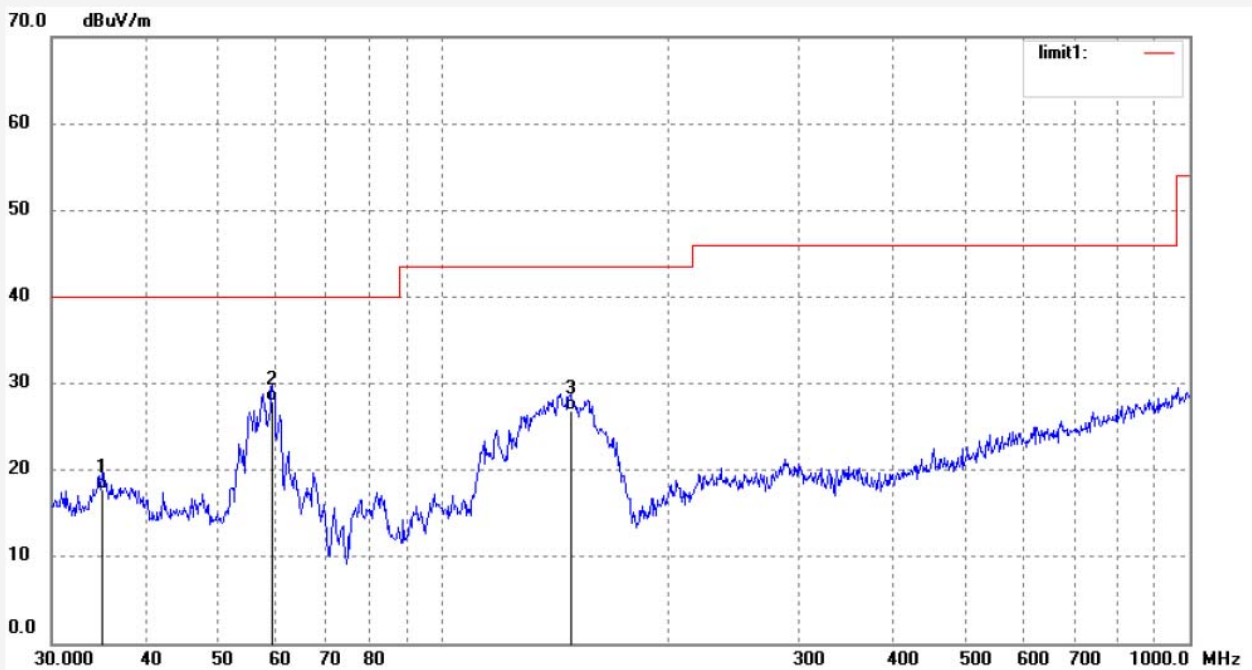
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ricky #774	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/05/31/
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 14/03/22
EUT: Wireless remote control vibrator	Engineer Signature:
Mode: Charging	Distance: 3m
Model: BV-002 BLK	
Manufacturer: TOPARC	

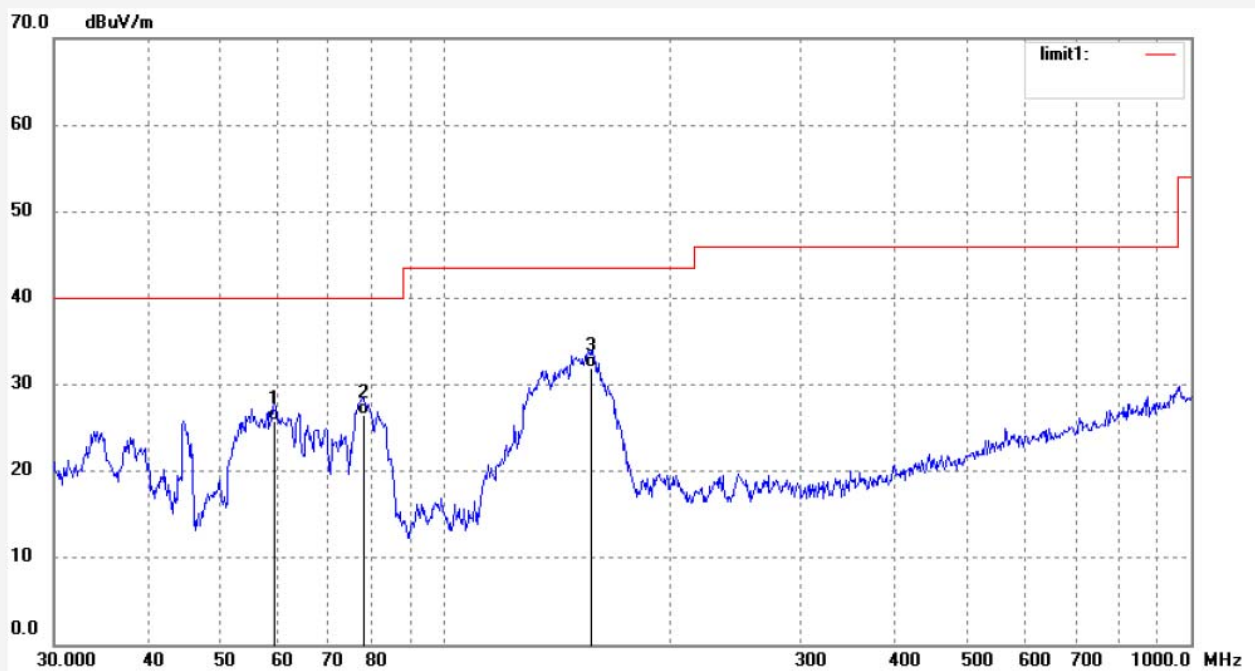
Note: Report NO.:ATE20152701 002



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	35.0048	27.34	-9.59	17.75	40.00	-22.25	QP			
2	59.2325	41.04	-13.12	27.92	40.00	-12.08	QP			
3	148.4410	41.70	-14.88	26.82	43.50	-16.68	QP			

Job No.: Ricky #773	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/05/31/
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 14/01/15
EUT: Wireless remote control vibrator	Engineer Signature:
Mode: Charging	Distance: 3m
Model: BV-002 BLK	
Manufacturer: TOPARC	

Note: Report NO.:ATE20152701 002



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	59.2325	38.85	-13.12	25.73	40.00	-14.27	QP			
2	77.8653	42.53	-16.07	26.46	40.00	-13.54	QP			
3	157.0072	46.61	-14.59	32.02	43.50	-11.48	QP			



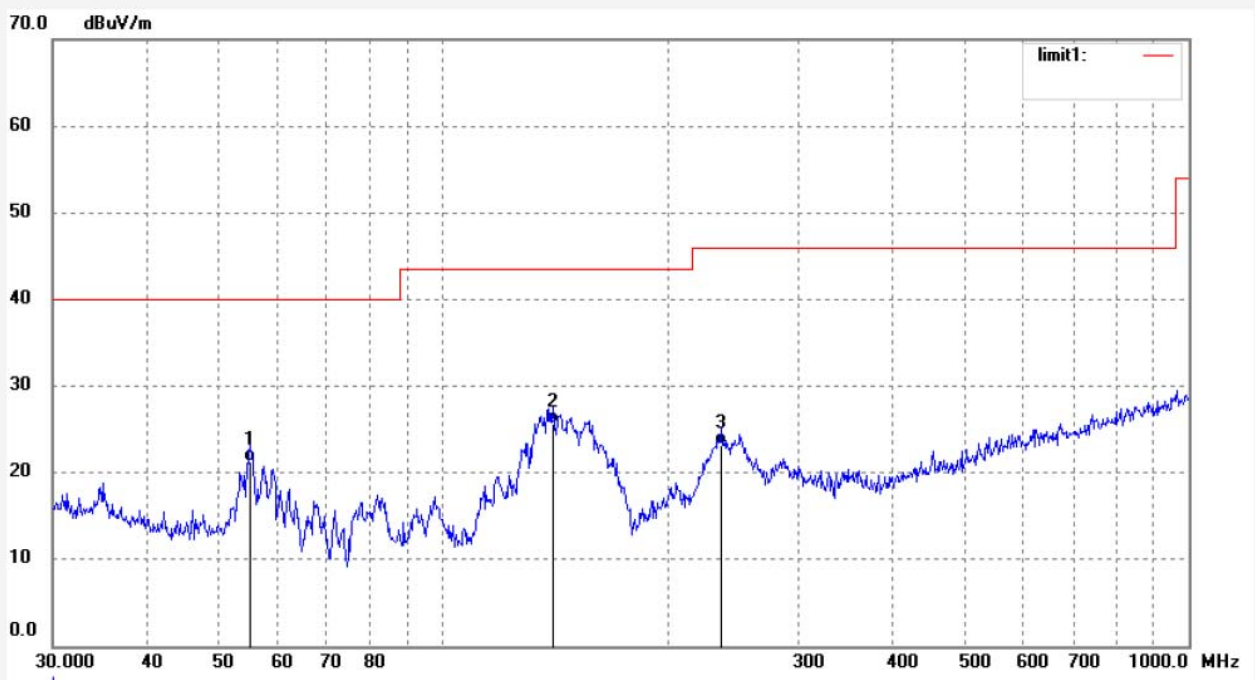
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RICKY #764	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 16/05/04/
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 13/26/00
EUT: Wireless remote control vibrator	Engineer Signature: RICKY
Mode: RX	Distance: 3m
Model: BV-002 BLK	
Manufacturer: TOPARC	

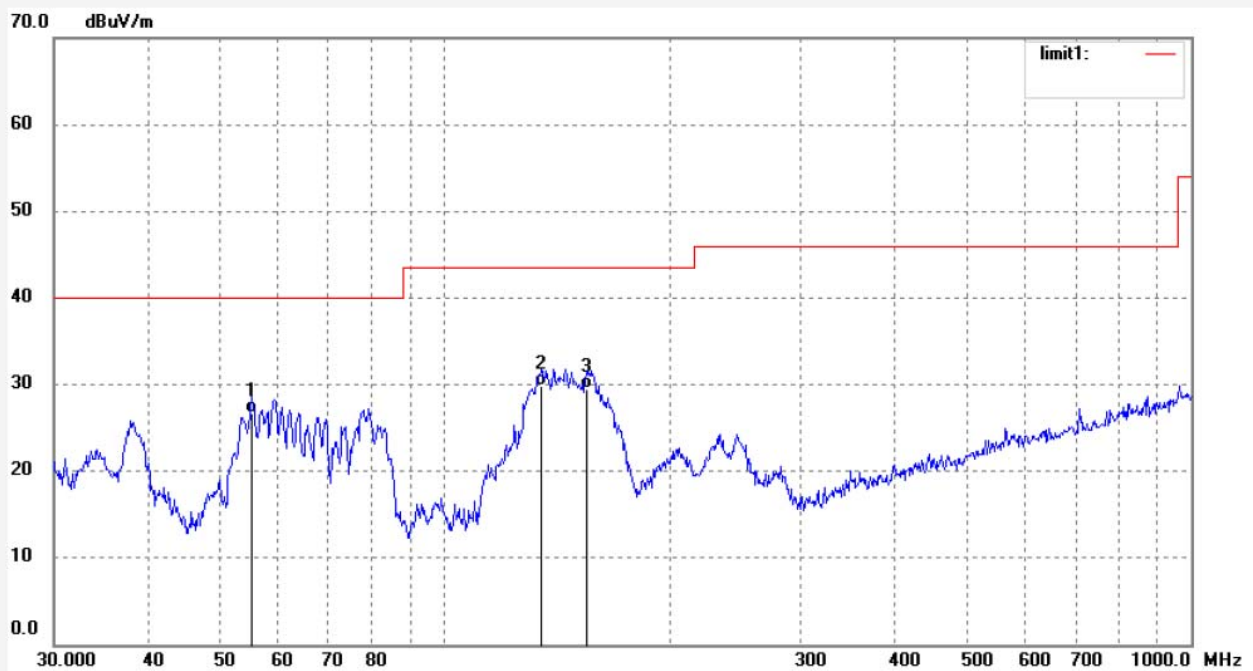
Note: Report NO.:ATE20152701 002



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	55.2207	33.58	-12.33	21.25	40.00	-18.75	QP			
2	140.3421	40.53	-14.92	25.61	43.50	-17.89	QP			
3	235.8164	34.12	-10.89	23.23	46.00	-22.77	QP			

Job No.: RICKY #763	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 16/05/04/
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 13/25/09
EUT: Wireless remote control vibrator	Engineer Signature: RICKY
Mode: RX	Distance: 3m
Model: BV-002 BLK	
Manufacturer: TOPARC	

Note: Report NO.:ATE20152701 002



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	55.2207	39.01	-12.33	26.68	40.00	-13.32	QP			
2	135.0319	43.56	-13.75	29.81	43.50	-13.69	QP			
3	154.8204	44.36	-14.82	29.54	43.50	-13.96	QP			

Above 1GHz



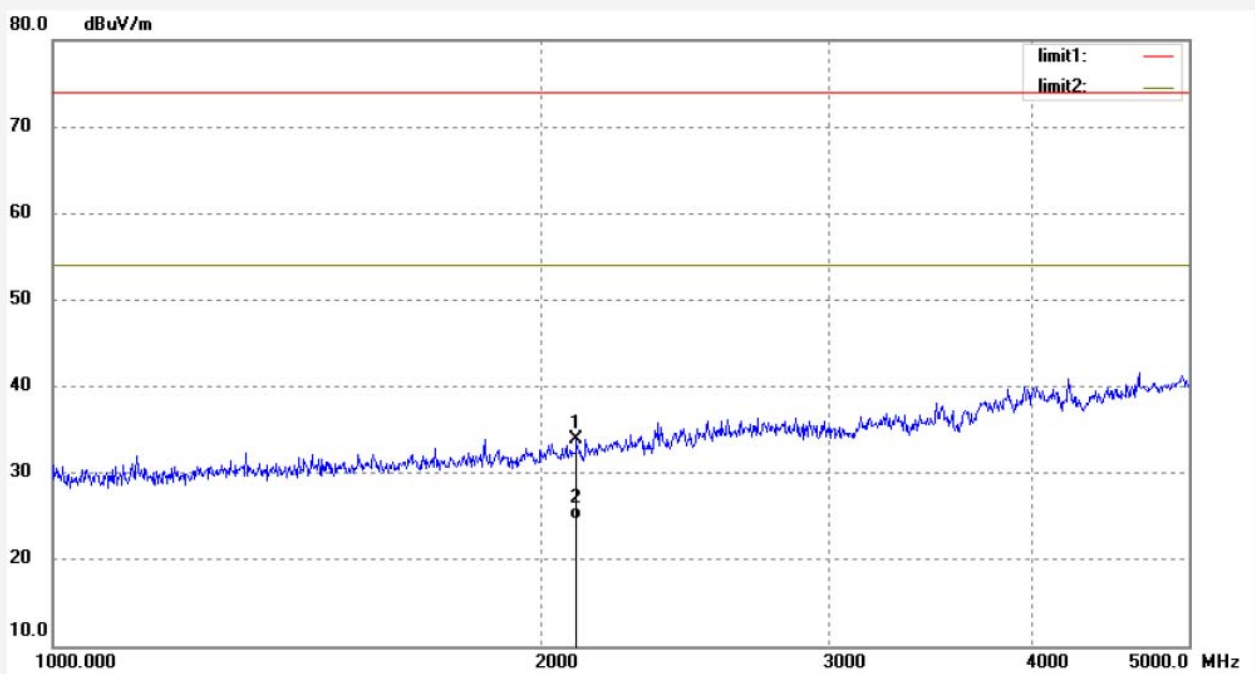
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Ricky #778	Polarization: Horizontal
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/05/31/
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 14/50/50
EUT: Wireless remote control vibrator	Engineer Signature:
Mode: Charging	Distance: 3m
Model: BV-002 BLK	
Manufacturer: TOPARC	

Note: Report NO.:ATE20152701 002



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2100.028	42.33	-8.44	33.89	74.00	-40.11	peak			
2	2100.028	33.09	-8.44	24.65	54.00	-29.35	AVG			

Job No.: Ricky #777

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Wireless remote control vibrator

Mode: Charging

Model: BV-002 BLK

Manufacturer: TOPARC

Polarization: Vertical

Power Source: AC 120V/60Hz

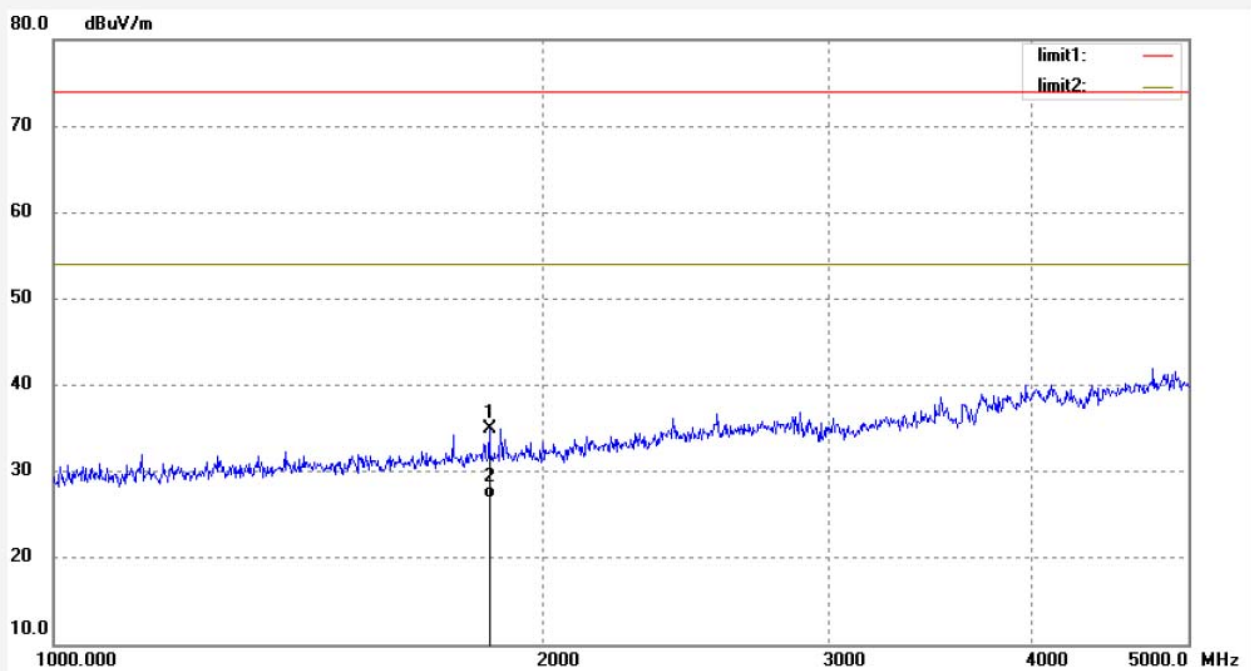
Date: 16/05/31/

Time: 14/48/35

Engineer Signature:

Distance: 3m

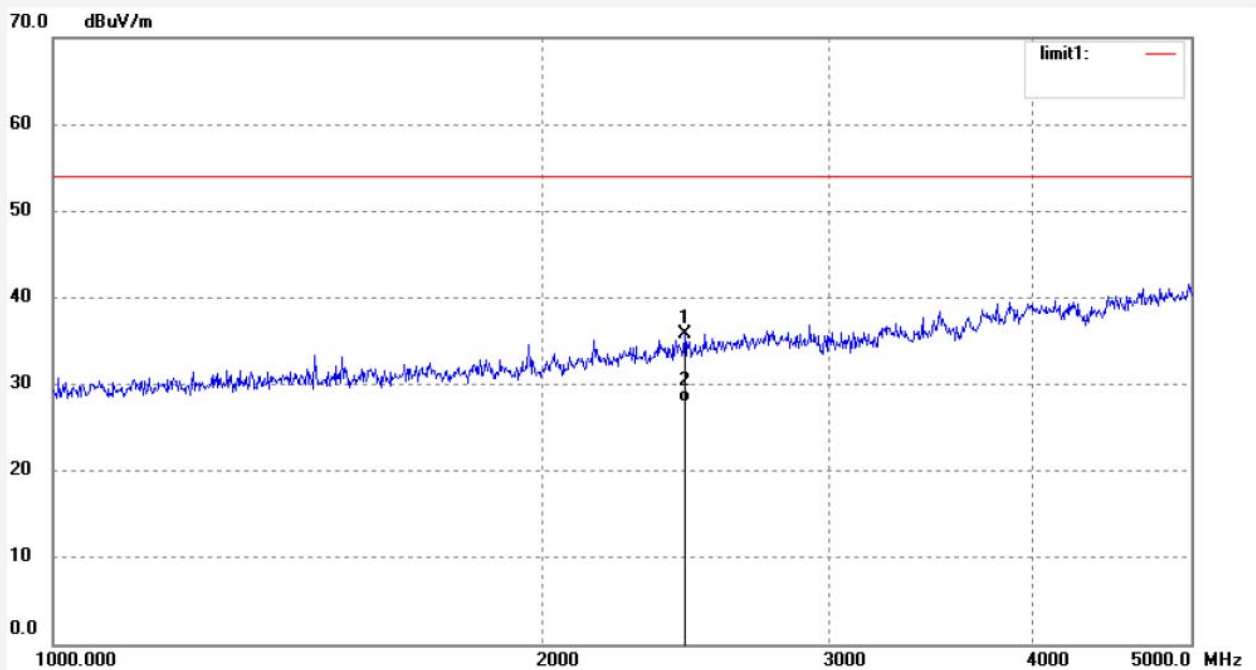
Note: Report NO.:ATE20152701 002



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1855.259	44.43	-9.55	34.88	74.00	-39.12	peak			
2	1855.259	36.51	-9.55	26.96	54.00	-27.04	AVG			

Job No.: Ricky #782	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 16/05/31/
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 14/53/36
EUT: Wireless remote control vibrator	Engineer Signature:
Mode: RX	Distance: 3m
Model: BV-002 BLK	
Manufacturer: TOPARC	

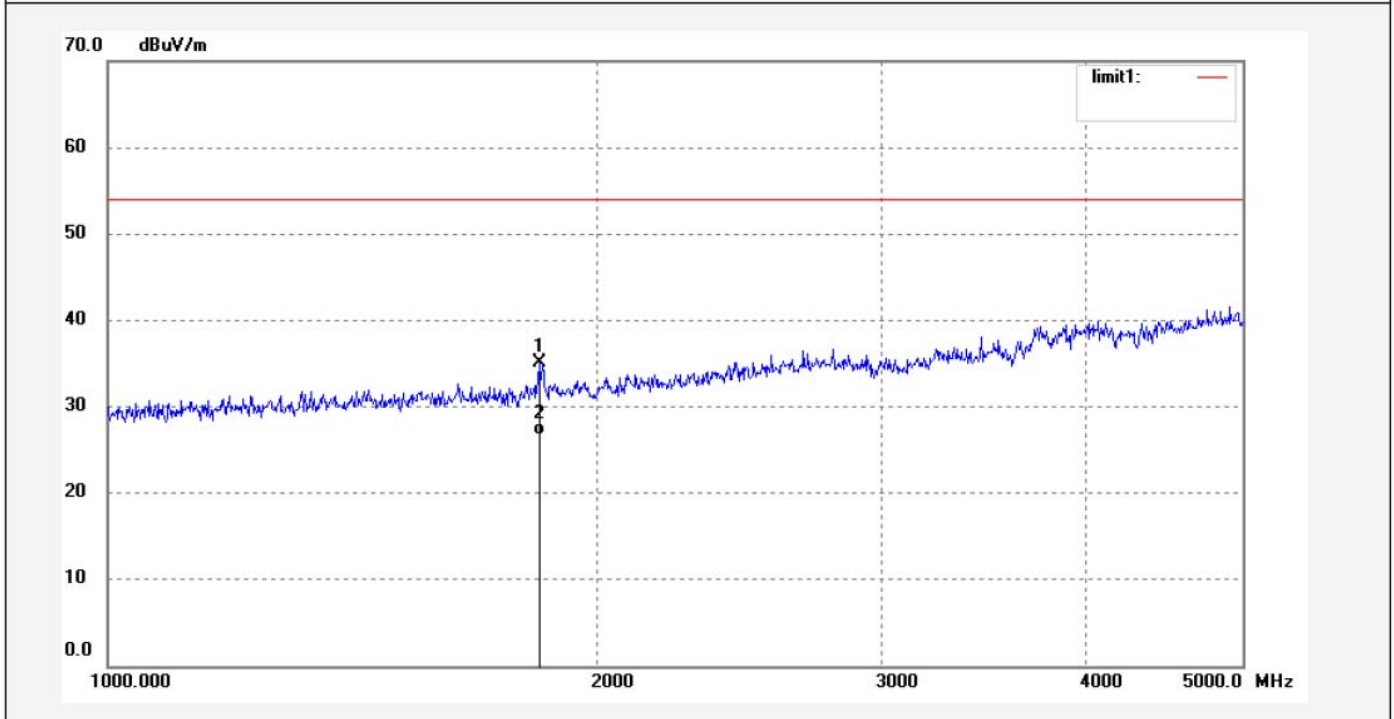
Note: Report NO.:ATE20152701 002



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2443.028	43.15	-7.35	35.80	54.00	-18.20	peak			
2	2443.028	35.21	-7.35	27.86	54.00	-26.14	AVG			

Job No.: Ricky #781	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 16/05/31/
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 14/53/07
EUT: Wireless remote control vibrator	Engineer Signature:
Mode: RX	Distance: 3m
Model: BV-002 BLK	
Manufacturer: TOPARC	

Note: Report NO.:ATE20152701 002



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1843.353	44.66	-9.60	35.06	54.00	-18.94	peak			
2	1843.353	36.33	-9.60	26.73	54.00	-27.27	AVG			