

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

Wireless remote control vibrator
Model No.: BV-004 BLK, BV-004 FUS

FCC ID: 2AG2K-BV-004RX

Prepared for : A&H Design Group, Ltd.
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Prepared by : Accurate Technology Co., Ltd.
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Report No. : ATE20161779
Date of Test : Aug 15--Aug 24, 2016
Date of Report : Aug 25, 2016

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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-004 BLK, BV-004 FUS
(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-004 FUS for test.)
Trade name : N/A

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B:2015 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.

Date of Test : Aug 15--Aug 24, 2016
Date of Report : Aug 25, 2016

Prepared by : Tim Zhang
(Tim.zhang, Engineer)

Approved & Authorized Signer : Sean Liu
(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-004 BLK, BV-004 FUS
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
Date of sample received	: Aug 15, 2016
Date of Test	: Aug 15--Aug 24, 2016

2.2.Special Accessory and Auxiliary Equipment

AC/DC Power Adapter: Model:NF5V-1.5C-1U
(provided by laboratory) INPUT: 120V/60Hz 0.5A
OUTPUT:5V/1.5A

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

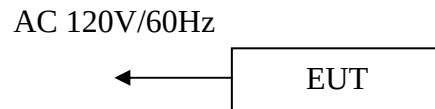
Table 1: List of Test and Measurement Equipment

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

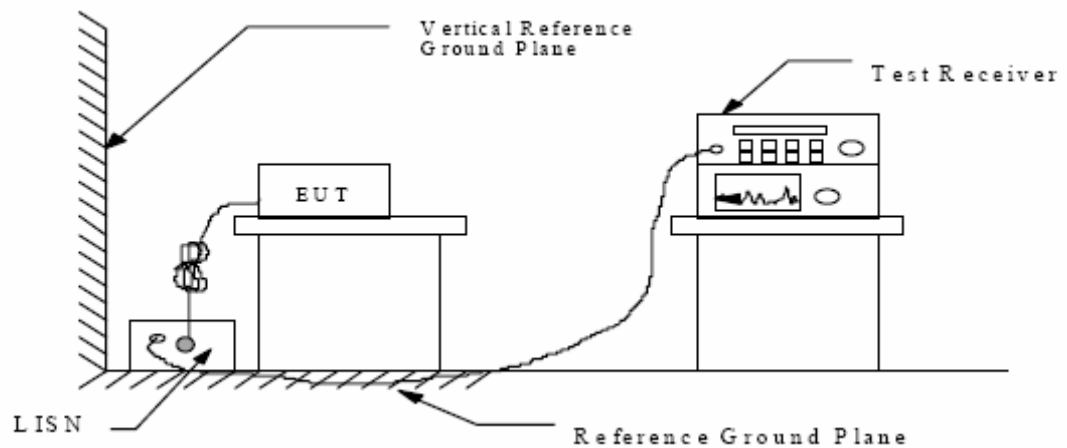
4.1. Block Diagram of Test Setup

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(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.

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-004 FUS

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(120V/60Hz)								
MEASUREMENT RESULT: "ZDB0823001_fin"								
8/23/2016 9:19AM								
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE	
0.195000	31.80	10.5	64	32.0	QP	L1	GND	
0.480000	31.90	10.7	56	24.4	QP	L1	GND	
0.640000	27.80	10.8	56	28.2	QP	L1	GND	
1.395000	25.40	10.9	56	30.6	QP	L1	GND	
2.190000	24.70	11.0	56	31.3	QP	L1	GND	
18.250000	23.20	11.4	60	36.8	QP	L1	GND	
MEASUREMENT RESULT: "ZDB0823001_fin2"								
8/23/2016 9:19AM								
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE	
0.195000	14.70	10.5	54	39.1	AV	L1	GND	
0.480000	23.40	10.7	46	22.9	AV	L1	GND	
0.640000	19.60	10.8	46	26.4	AV	L1	GND	
1.240000	18.70	10.9	46	27.3	AV	L1	GND	
2.190000	18.00	11.0	46	28.0	AV	L1	GND	
17.605000	12.20	11.4	50	37.8	AV	L1	GND	
MEASUREMENT RESULT: "ZDB0823002_fin"								
8/23/2016 9:24AM								
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE	
0.340000	31.30	10.6	59	27.9	QP	N	GND	
0.475000	36.00	10.7	56	20.4	QP	N	GND	
0.625000	29.10	10.8	56	26.9	QP	N	GND	
1.400000	29.60	10.9	56	26.4	QP	N	GND	
2.280000	27.80	11.0	56	28.2	QP	N	GND	
7.190000	22.90	11.2	60	37.1	QP	N	GND	
MEASUREMENT RESULT: "ZDB0823002_fin2"								
8/23/2016 9:24AM								
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE	
0.340000	26.90	10.6	49	22.3	AV	N	GND	
0.485000	31.50	10.7	46	14.8	AV	N	GND	
0.625000	24.40	10.8	46	21.6	AV	N	GND	
1.395000	24.50	10.9	46	21.5	AV	N	GND	
2.280000	23.00	11.0	46	23.0	AV	N	GND	
5.190000	18.90	11.2	50	31.1	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.

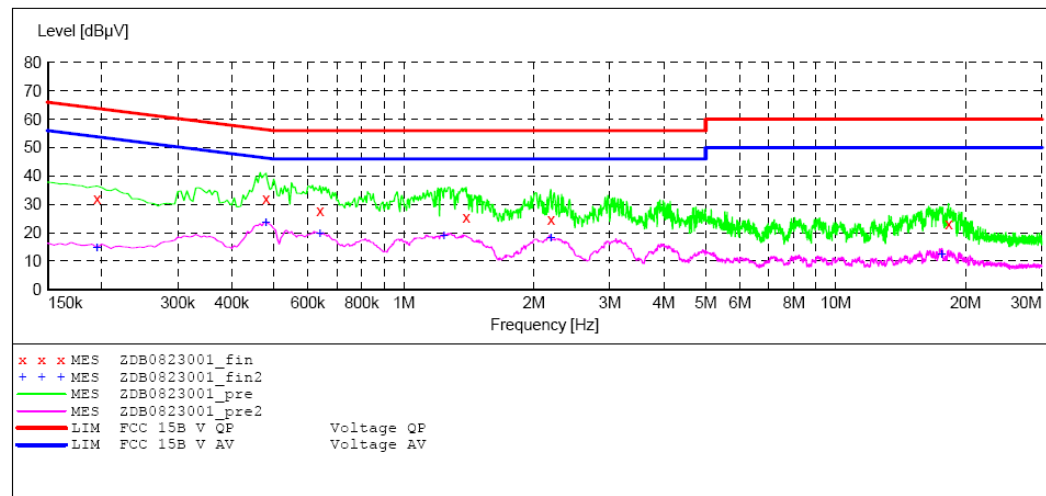
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Wireless remote control vibrator M/N:BV-004 FUS
 Manufacturer: TOPARC
 Operating Condition: Charging
 Test Site: 1#Shield Room
 Operator: STAR
 Test Specification: L 120V/60Hz
 Comment: Report No.:ATE20161779
 Start of Test: 8/23/2016 / 9:15:58AM

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008
 Average
 150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "ZDB0823001_fin"

8/23/2016 9:19AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.195000	31.80	10.5	64	32.0	QP	L1	GND
0.480000	31.90	10.7	56	24.4	QP	L1	GND
0.640000	27.80	10.8	56	28.2	QP	L1	GND
1.395000	25.40	10.9	56	30.6	QP	L1	GND
2.190000	24.70	11.0	56	31.3	QP	L1	GND
18.250000	23.20	11.4	60	36.8	QP	L1	GND

MEASUREMENT RESULT: "ZDB0823001_fin2"

8/23/2016 9:19AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.195000	14.70	10.5	54	39.1	AV	L1	GND
0.480000	23.40	10.7	46	22.9	AV	L1	GND
0.640000	19.60	10.8	46	26.4	AV	L1	GND
1.240000	18.70	10.9	46	27.3	AV	L1	GND
2.190000	18.00	11.0	46	28.0	AV	L1	GND
17.605000	12.20	11.4	50	37.8	AV	L1	GND

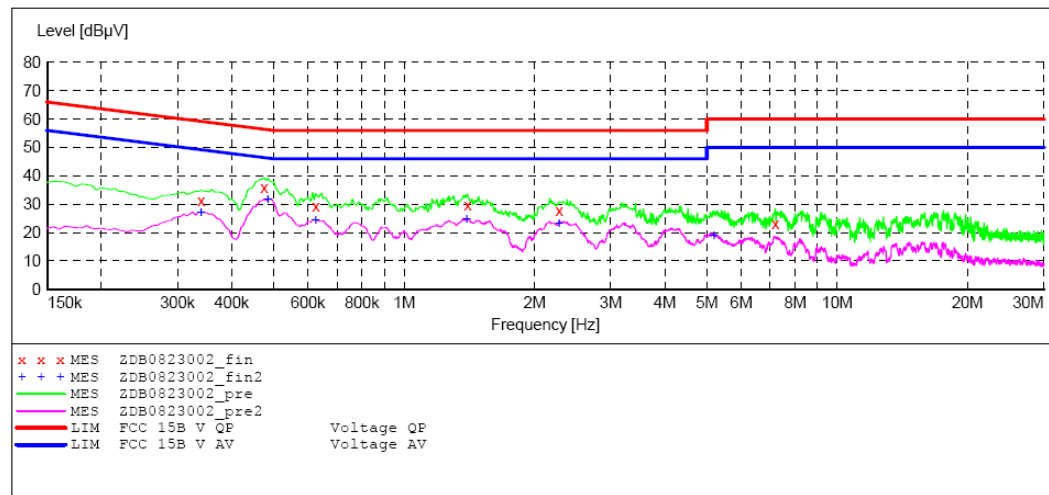
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Wireless remote control vibrator M/N:BV-004 FUS
 Manufacturer: TOPARC
 Operating Condition: Charging
 Test Site: 1#Shie Room
 Operator: STAR
 Test Specification: N 120V/60Hz
 Comment: Report No.:ATE20161779
 Start of Test: 8/23/2016 / 9:20:33AM

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008
 150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "ZDB0823002_fin"

8/23/2016 9:24AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.340000	31.30	10.6	59	27.9	QP	N	GND
0.475000	36.00	10.7	56	20.4	QP	N	GND
0.625000	29.10	10.8	56	26.9	QP	N	GND
1.400000	29.60	10.9	56	26.4	QP	N	GND
2.280000	27.80	11.0	56	28.2	QP	N	GND
7.190000	22.90	11.2	60	37.1	QP	N	GND

MEASUREMENT RESULT: "ZDB0823002_fin2"

8/23/2016 9:24AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.340000	26.90	10.6	49	22.3	AV	N	GND
0.485000	31.50	10.7	46	14.8	AV	N	GND
0.625000	24.40	10.8	46	21.6	AV	N	GND
1.395000	24.50	10.9	46	21.5	AV	N	GND
2.280000	23.00	11.0	46	23.0	AV	N	GND
5.190000	18.90	11.2	50	31.1	AV	N	GND

5. RADIATED EMISSION MEASUREMENT

5.1. Block Diagram of Test Setup

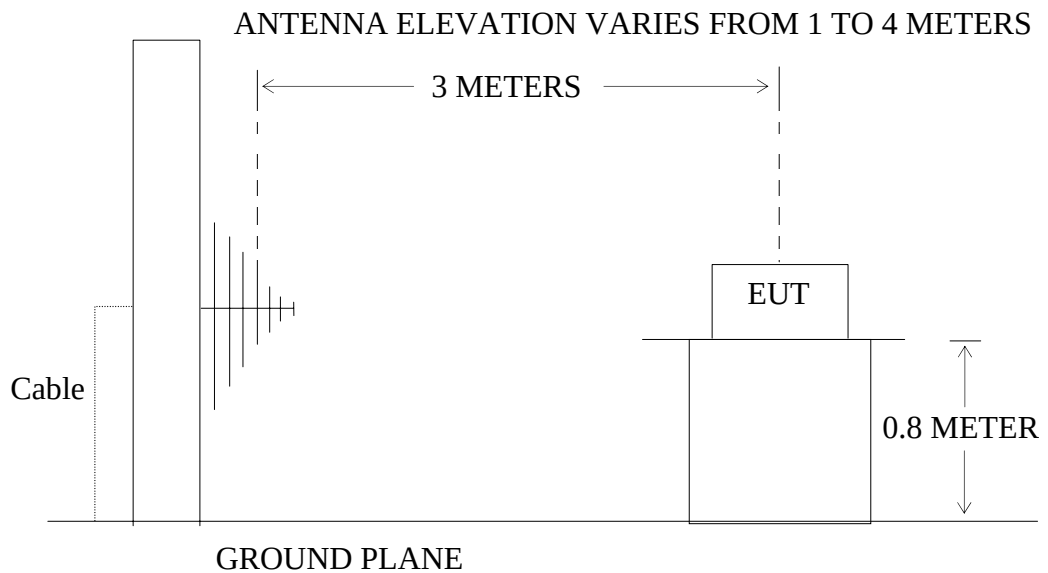
5.1.1. Block diagram of connection between the EUT and simulators

AC 120V/60Hz or DC 3.7V(battery)



(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-004 FUS

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 5.1.

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-004 FUS

Test mode: Charging(120V/60Hz)

Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	39.1825	33.47	-18.85	14.62	40.00	-25.38	QP
	2	82.8162	33.77	-22.62	11.15	40.00	-28.85	QP
	3	189.1076	41.67	-19.52	22.15	43.50	-21.35	QP
	4	210.1294	40.25	-18.47	21.78	43.50	-21.72	QP
	5	274.4464	37.10	-17.00	20.10	46.00	-25.90	QP
	6	945.3336	30.70	-3.48	27.22	46.00	-18.78	QP

Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	43.2333	36.80	-19.29	17.51	40.00	-22.49	QP
	2	64.3055	37.89	-22.67	15.22	40.00	-24.78	QP
	3	79.9569	42.05	-22.88	19.17	40.00	-20.83	QP
	4	99.4177	43.69	-21.67	22.02	43.50	-21.48	QP
	5	155.3305	41.87	-21.85	20.02	43.50	-23.48	QP
	6	190.4411	39.45	-19.41	20.04	43.50	-23.46	QP

Above 1G

Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	4686.433	41.55	0.07	41.62	74.00	-32.38	peak
	2	4686.433	33.00	0.07	33.07	54.00	-20.93	AVG

Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	4656.179	41.25	-0.02	41.23	74.00	-32.77	peak
	2	4656.179	33.41	-0.02	33.39	54.00	-20.61	AVG

Model Number: BV-004 FUS Test mode: 433.92MHz RX(DC 3.7V)								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	32.4107	29.40	-17.14	12.26	40.00	-27.74	QP
	2	39.3203	34.40	-18.88	15.52	40.00	-24.48	QP
	3	45.4130	29.47	-19.49	9.98	40.00	-30.02	QP
	4	191.7840	33.57	-19.28	14.29	43.50	-29.21	QP
	5	533.1611	29.40	-11.46	17.94	46.00	-28.06	QP
	6	875.0132	30.14	-4.61	25.53	46.00	-20.47	QP
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	39.3203	32.04	-18.88	13.16	40.00	-26.84	QP
	2	128.0355	31.00	-21.65	9.35	43.50	-34.15	QP
	3	206.4701	37.45	-18.51	18.94	43.50	-24.56	QP
	4	306.0282	33.80	-16.15	17.65	46.00	-28.35	QP
	5	447.2619	31.54	-13.06	18.48	46.00	-27.52	QP
	6	928.8710	30.11	-3.74	26.37	46.00	-19.63	QP
Above 1G								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	2561.845	43.71	-5.12	38.59	74.00	-35.41	peak
	2	2561.845	36.12	-5.12	31.00	54.00	-23.00	AVG
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	2939.842	43.04	-3.88	39.16	74.00	-34.84	peak
	2	2939.842	35.40	-3.88	31.52	54.00	-22.48	AVG

Below 1GHz



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.: STAR2016 #1839

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Wireless remote control vibrator

Mode: Charging

Model: BV-004 FUS

Manufacturer: TOPARC

Polarization: Horizontal

Power Source: AC 120V/60Hz

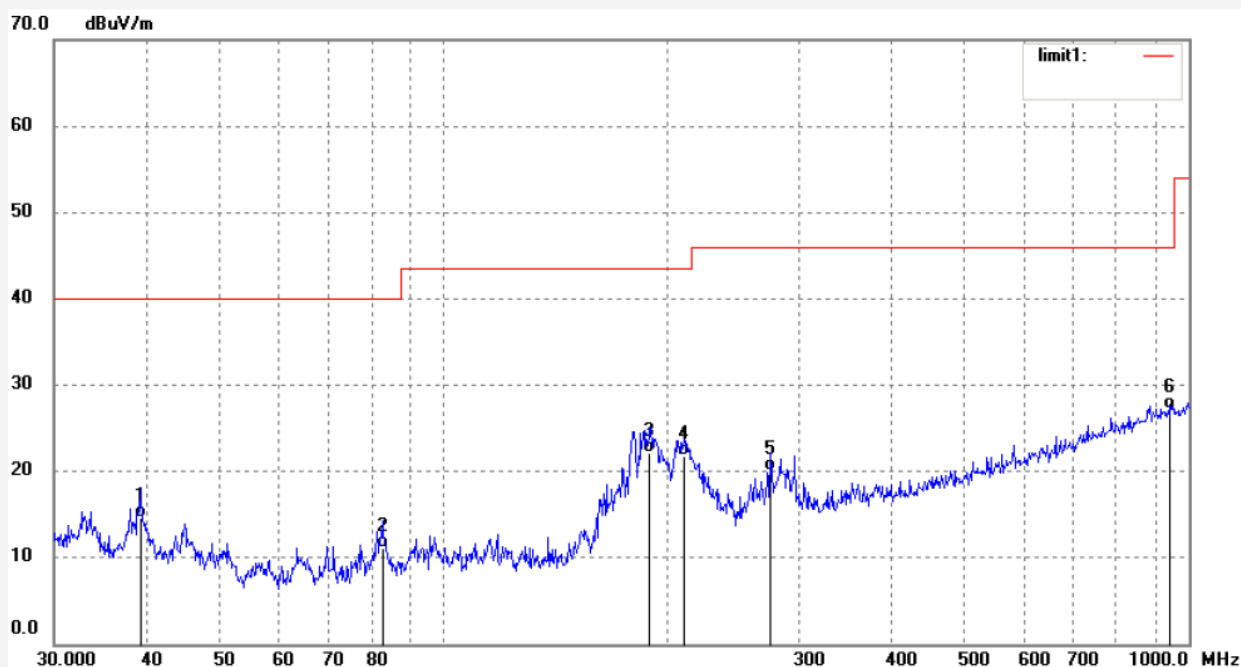
Date: 16/08/23/

Time: 13/42/28

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20161779



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	39.1825	33.47	-18.85	14.62	40.00	-25.38	QP			
2	82.8162	33.77	-22.62	11.15	40.00	-28.85	QP			
3	189.1076	41.67	-19.52	22.15	43.50	-21.35	QP			
4	210.1294	40.25	-18.47	21.78	43.50	-21.72	QP			
5	274.4464	37.10	-17.00	20.10	46.00	-25.90	QP			
6	945.3336	30.70	-3.48	27.22	46.00	-18.78	QP			

Job No.: STAR2016 #1838

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Wireless remote control vibrator

Mode: Charging

Model: BV-004 FUS

Manufacturer: TOPARC

Polarization: Vertical

Power Source: AC 120V/60Hz

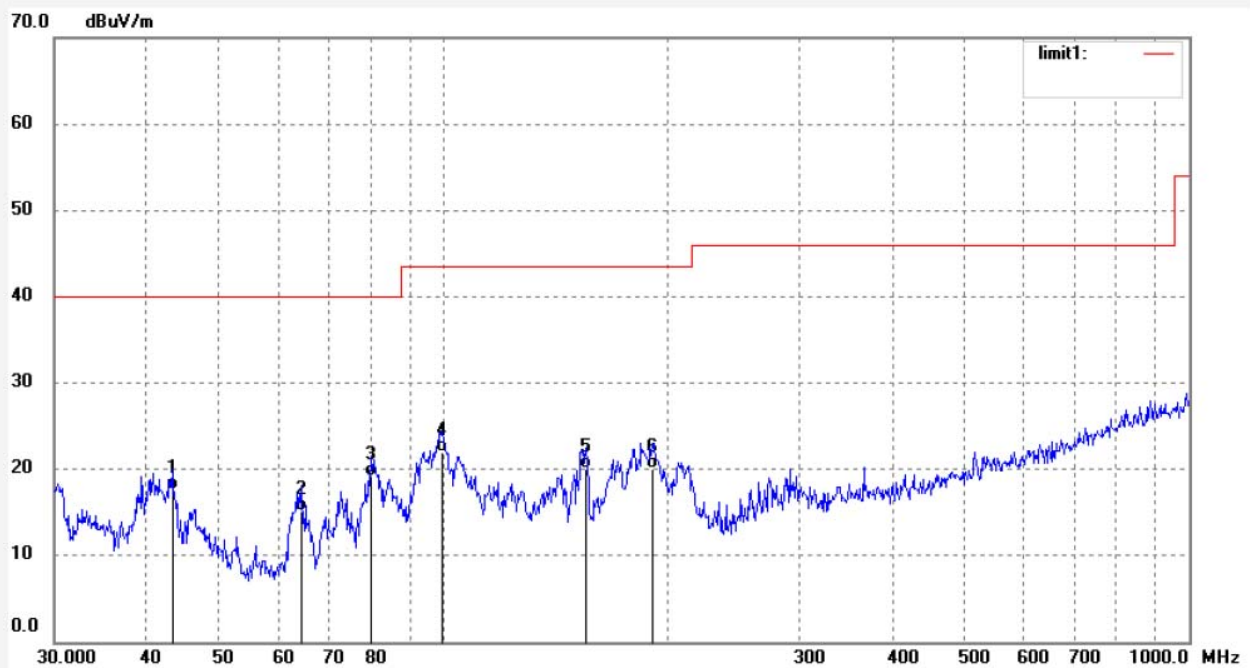
Date: 16/08/23/

Time: 13/40/51

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20161779



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	43.2333	36.80	-19.29	17.51	40.00	-22.49	QP			
2	64.3055	37.89	-22.67	15.22	40.00	-24.78	QP			
3	79.9569	42.05	-22.88	19.17	40.00	-20.83	QP			
4	99.4177	43.69	-21.67	22.02	43.50	-21.48	QP			
5	155.3305	41.87	-21.85	20.02	43.50	-23.48	QP			
6	190.4411	39.45	-19.41	20.04	43.50	-23.46	QP			

Job No.: STAR2016 #1840

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Wireless remote control vibrator

Mode: RX(433.92MHz)

Model: BV-004 FUS

Manufacturer: TOPARC

Polarization: Horizontal

Power Source: DC 3.7V

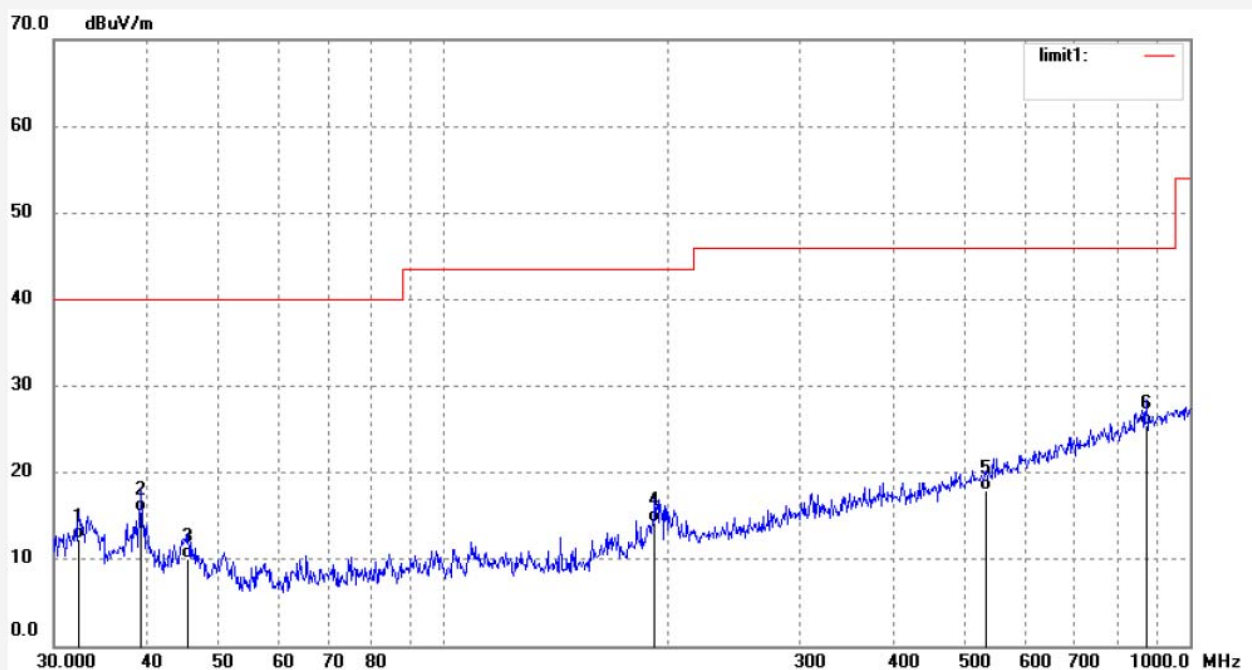
Date: 16/08/23/

Time: 13/45/24

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20161779



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	32.4107	29.40	-17.14	12.26	40.00	-27.74	QP			
2	39.3203	34.40	-18.88	15.52	40.00	-24.48	QP			
3	45.4130	29.47	-19.49	9.98	40.00	-30.02	QP			
4	191.7840	33.57	-19.28	14.29	43.50	-29.21	QP			
5	533.1611	29.40	-11.46	17.94	46.00	-28.06	QP			
6	875.0132	30.14	-4.61	25.53	46.00	-20.47	QP			



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Report No.: ATE20161779

Page 20 of 24

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2016 #1841

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Wireless remote control vibrator

Mode: RX(433.92MHz)

Model: BV-004 FUS

Manufacturer: TOPARC

Polarization: Vertical

Power Source: DC 3.7V

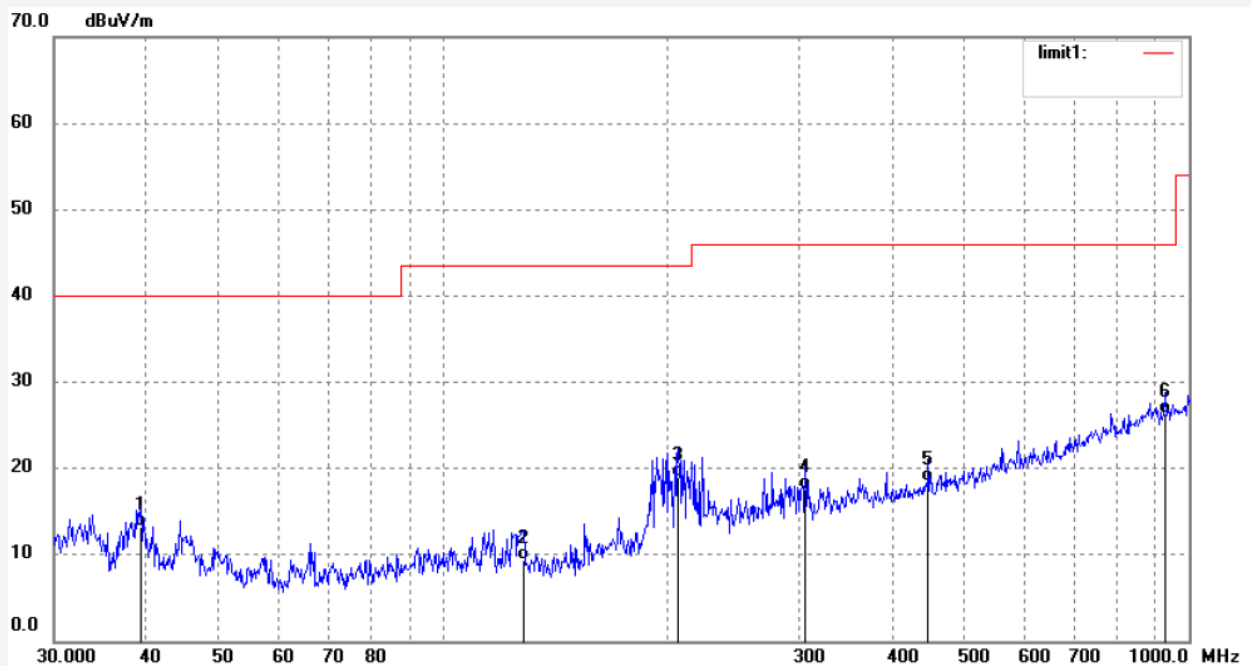
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Time: 13/46/12

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20161779



No.	Freq. (MHz)	Reading (dBUV/m)	Factor (dB)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	39.3203	32.04	-18.88	13.16	40.00	-26.84	QP			
2	128.0355	31.00	-21.65	9.35	43.50	-34.15	QP			
3	206.4701	37.45	-18.51	18.94	43.50	-24.56	QP			
4	306.0282	33.80	-16.15	17.65	46.00	-28.35	QP			
5	447.2619	31.54	-13.06	18.48	46.00	-27.52	QP			
6	928.8710	30.11	-3.74	26.37	46.00	-19.63	QP			

Above 1GHz



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Job No.: STAR2016 #1843

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Wireless remote control vibrator

Mode: RX(433.92MHz)

Model: BV-004 FUS

Manufacturer: TOPARC

Polarization: Horizontal

Power Source: DC 3.7V

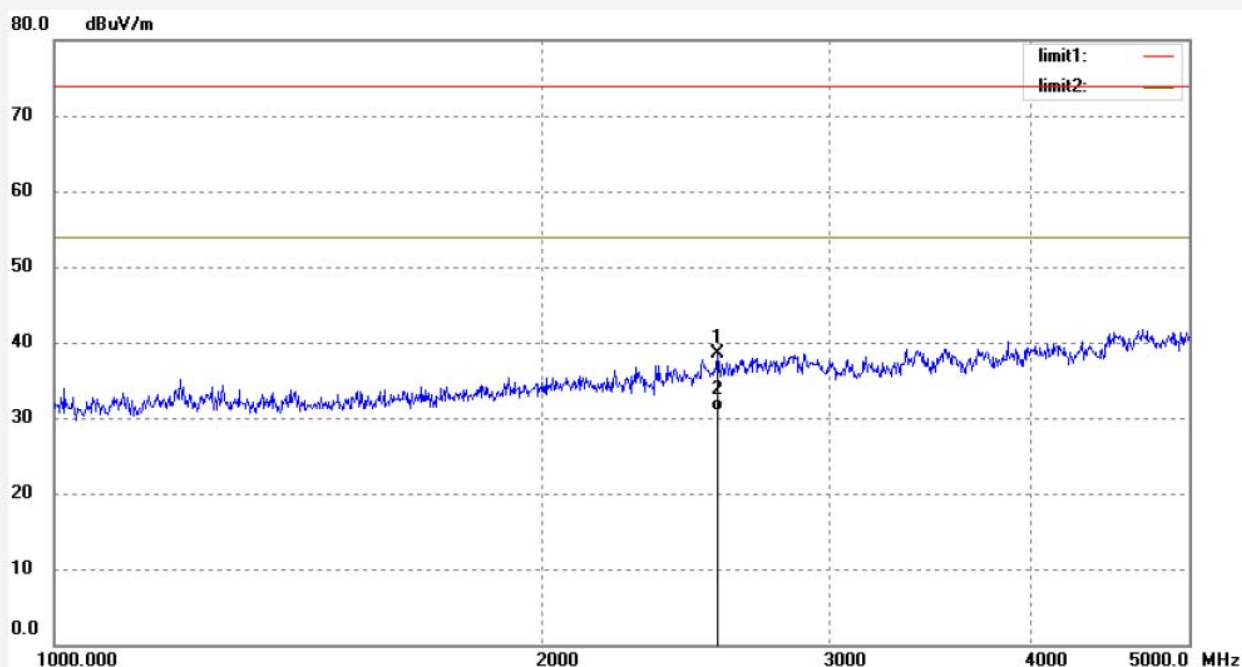
Date: 16/08/23/

Time: 13/49/38

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20161779



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2561.845	43.71	-5.12	38.59	74.00	-35.41	peak			
2	2561.845	36.12	-5.12	31.00	54.00	-23.00	AVG			

Job No.: STAR2016 #1842

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Wireless remote control vibrator

Mode: RX(433.92MHz)

Model: BV-004 FUS

Manufacturer: TOPARC

Polarization: Vertical

Power Source: DC 3.7V

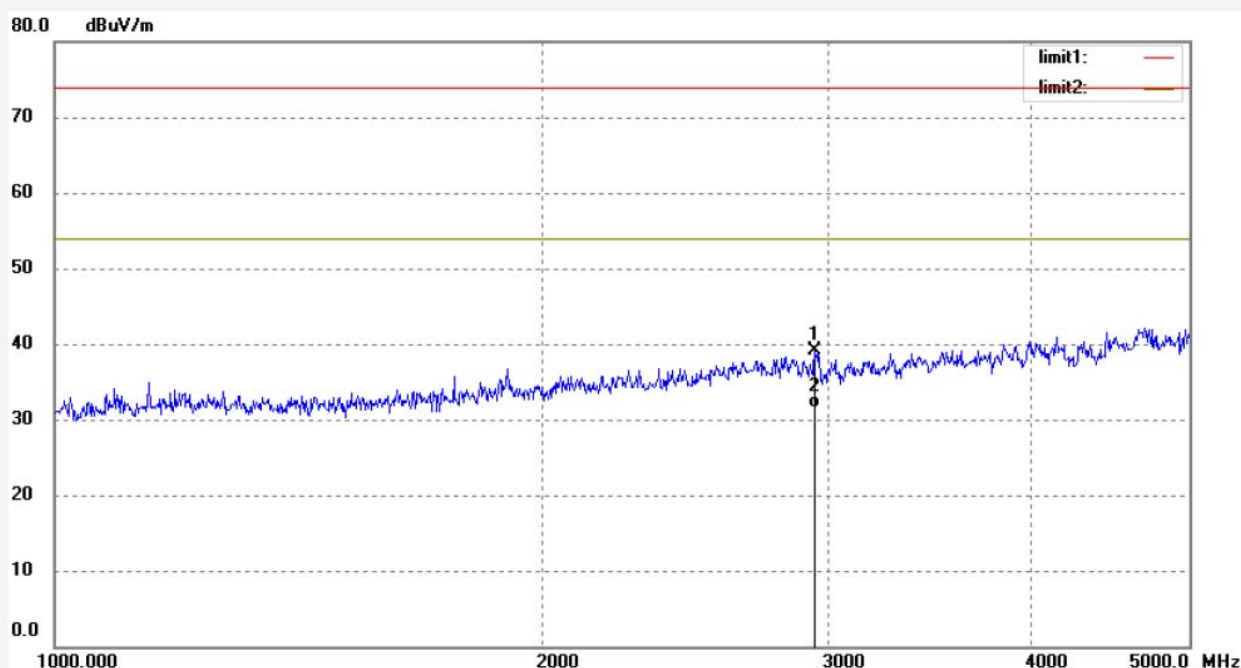
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Time: 13/48/19

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20161779



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2939.842	43.04	-3.88	39.16	74.00	-34.84	peak			
2	2939.842	35.40	-3.88	31.52	54.00	-22.48	AVG			

Job No.: STAR2016 #1844

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Wireless remote control vibrator

Mode: Charging

Model: BV-004 FUS

Manufacturer: TOPARC

Polarization: Horizontal

Power Source: AC 120V/60Hz

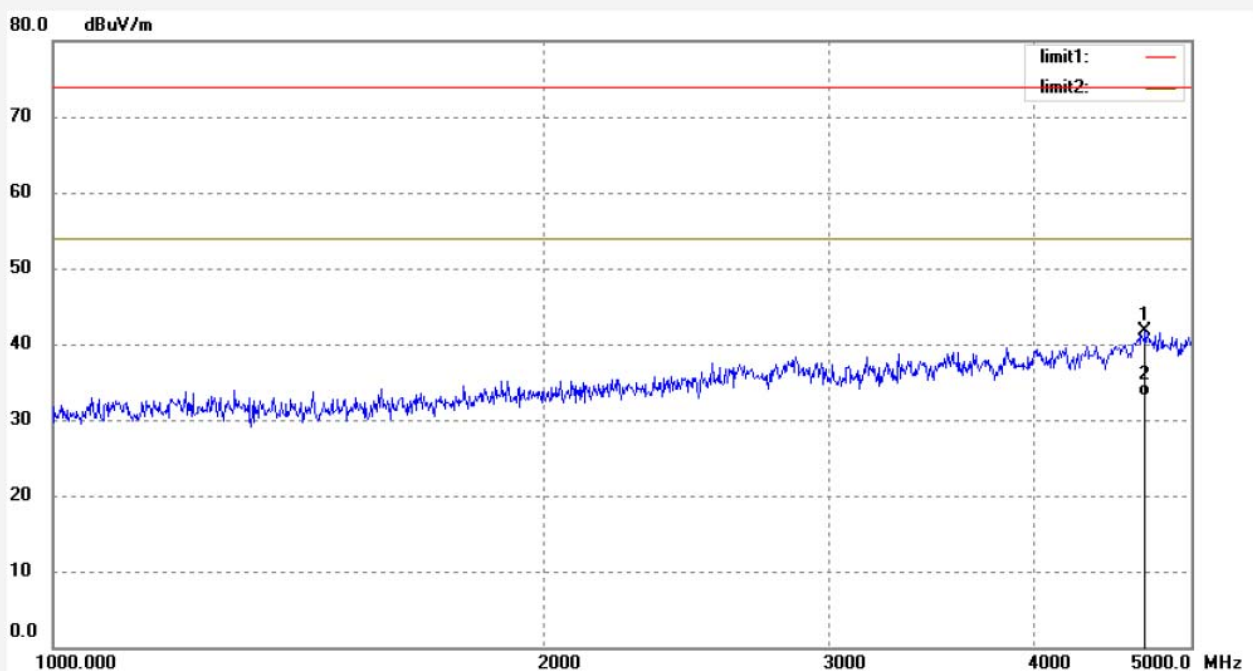
Date: 16/08/23/

Time: 13/50/16

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20161779



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4686.433	41.55	0.07	41.62	74.00	-32.38	peak			
2	4686.433	33.00	0.07	33.07	54.00	-20.93	AVG			

Job No.: STAR2016 #1845

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Wireless remote control vibrator

Mode: Charging

Model: BV-004 FUS

Manufacturer: TOPARC

Polarization: Vertical

Power Source: AC 120V/60Hz

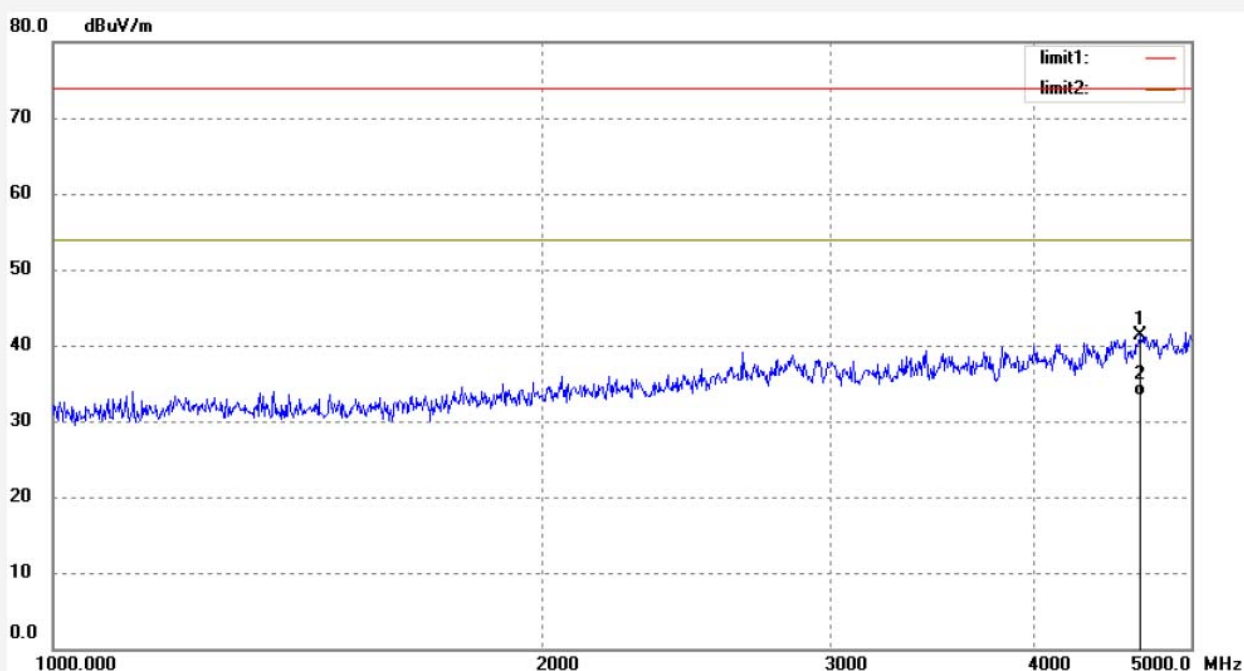
Date: 16/08/23/

Time: 13/51/01

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20161779



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4656.179	41.25	-0.02	41.23	74.00	-32.77	peak			
2	4656.179	33.41	-0.02	33.39	54.00	-20.61	AVG			