

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

Wireless remote control vibrator Model No.: BV-001 BLK, BV-001 TL

FCC ID: 2AG2K-BV-001RX

| Prepared for | : | A&H Design Group, Ltd. |
|--------------|---|--|
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| Report No. | : | ATE20152701 |
|----------------|---|-----------------|
| Date of Test | : | Dec 21-24, 2015 |
| Date of Report | : | Dec 24,2015 |



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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-001 BLK, BV-001 TL (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-001 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.

| Date of Test : | Dec 21Dec 24, 2015 |
|--------------------------------|------------------------------------|
| Date of Report : | Dec 24, 2015 |
| Prepared by : | Tim Zhang (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-001 BLK, BV-001 TL |
| Power Supply | : DC 5V(powered by Charge port) or DC 3.7V(powered by battery) |
| Modulation: | : ASK |
| RX Frequency | : 433.92MHz |
| Applicant Address | A&H Design Group, Ltd. Suite 608, Tower One, Harbour Centre1 Hok Cheung Street, Hung Hom ,Kowloon, Hong Kong |
| Manufacturer Address | TOPARC Technology(Shenzhen)Co., Ltd. 1/2F, 12 Building, Lianchuang Park, Bulan Road, Buji Town, Longgang District, Shenzhen City, Guangdong Province, P.R. China 518114 |
| Date of sample received | : Dec 21, 2015 |
| Date of Test | : Dec 21-24, 2015 |

2.2. Special Accessory and Auxiliary Equipment

AC/DC Power Adapter: Model:NF5V-1.5C-1U (provided by laboratory) INPUT: 100-240V~50/60Hz 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 Site Location | | Accurate Technology Co., Ltd. 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

| Kind of equipment | Manufacturer | Туре | S/N | Calibrated dates | Cal. Interval |
|--------------------|---------------------------|---|------------|------------------|---------------|
| EMI Test Receiver | Rohde&Schwarz | ESCS30 | 100307 | Jan. 10, 2015 | One Year |
| EMI Test Receiver | Rohde&Schwarz | ESPI3 | 101526/003 | Jan. 10, 2015 | One Year |
| Spectrum Analyzer | Agilent | E7405A | MY45115511 | Jan. 10, 2015 | One Year |
| Pre-Amplifier | Rohde&Schwarz | CBLU118354 0-01 | 3791 | Jan. 10, 2015 | One Year |
| Loop Antenna | Schwarzbeck | FMZB1516 | 1516131 | Jan. 15, 2015 | One Year |
| Bilog Antenna | Schwarzbeck | VULB9163 | 9163-323 | Jan. 15, 2015 | One Year |
| Horn Antenna | Schwarzbeck | BBHA9120D | 9120D-655 | Jan. 15, 2015 | One Year |
| Horn Antenna | Schwarzbeck | BBHA9120D | 9120D-1067 | Jan. 15, 2015 | One Year |
| LISN | Rohde&Schwarz | ESH3-Z5 | 100305 | Jan. 10, 2015 | One Year |
| LISN | Schwarzbeck | NSLK8126 | 8126431 | Jan. 10, 2015 | One Year |
| Highpass Filter | Wainwright Instruments | WHKX3.6/18 G-10SS | N/A | Jan. 10, 2015 | One Year |
| Band Reject Filter | Wainwright Instruments | WRCG2400/2 485-2375/2510 -60/11SS | N/A | Jan. 10, 2015 | One Year |

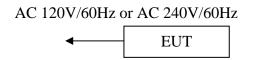
Table 1: List of Test and Measurement Equipment



4. POWER LINE CONDUCTED MEASUREMENT

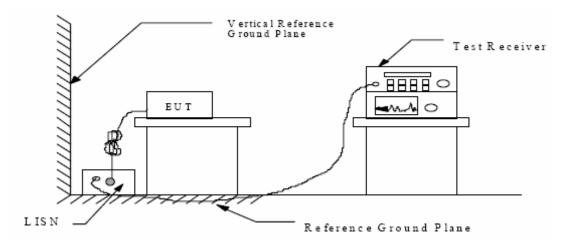
4.1. Block Diagram of Test Setup

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 | Limit dB(µV) | | | |
|--------------|------------------|---------------|--|--|
| (MHz) | 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-001 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: Charg | ging(240V | /60Hz) | | | | | |
|-----------------------------------|-------------------------|----------------------|----------------|------|-------------|----------------|-------------------|
| MEASUREMENT | RESULT | WRC0 | 04_fin | " | | | |
| 2015-12-22 10 Frequency MHz | | Transd dB | Limit dBµV | | Detector | Line | PE |
| 0.154000 0.586000 2.963000 | 48.80 42.80 30.90 | 10.4 11.5 11.7 | 56 | 13.2 | Ω̃Ρ | L1 L1 L1 | GND GND GND |
| MEASUREMENT | RESULT | "WRC0 | 04_fin | 2" | | | |
| 2015-12-22 10 Frequency MHz | | | Limit dBµV | | Detector | Line | PE |
| 0.154000 0.586000 2.963000 | 31.00 29.50 20.00 | 10.4 11.5 11.7 | 56 46 46 | 16.5 | AV | L1 L1 L1 | GND GND GND |
| MEASUREMENT | RESULT | : "WRCC | 005_fi | n″ | | | |
| 2015-12-22 1 Frequency MHz | | | Limit dBµV | | Detector | Line | PE |
| 0.162000 0.586000 4.056500 | 45.40 40.20 28.30 | | 65 56 56 | 15.8 | <u> </u> др | N N N | GND GND GND |
| MEASUREMENT | RESULT | : "WRCO | 005_fii | n2″ | | | |
| 2015-12-22 1 Frequency MHz | | | Limit dBµV | | Detector | Line | PE |
| 0.152000 0.586000 4.047500 | 30.20 31.20 20.50 | 10.4 11.5 11.8 | 56 46 46 | | AV | N N N | GND GND GND |

٦



Г

| MEASUREMENT | DECIT | | 07 fim | | | | |
|---------------------------|---------------|--------------|---------------|--------------|----------|----------|------------|
| MEASUREMENT | RESULT | WRC0 | 0/_110 | | | | |
| 2015-12-22 10 | | The second | Timit | Manarin | Detector | Tine | DE |
| Frequency MHz | dBµV | dB | dBµV | Margin dB | Detector | Line | PE |
| 0.154000 | | 10.4 | 66 | 19.1 | | L1 | GND |
| 0.342000 0.564000 | 39.80 | 11.1 11.5 | 59 56 | 19.4 15.8 | | L1 L1 | GND GND |
| 0.564000 | 40.20 | 11.5 | 50 | 10.0 | Qr | ΤΤ | GND |
| MEASUREMENT | RESULT | : "WRC0 | 07_fin | 2" | | | |
| 2015-12-22 10 | | _ , | | | | | |
| Frequency MHz | Level dBµV | | Limit dBµV | | Detector | Line | PE |
| 0.154000 | 28.60 | 10.4 | 56 | 27.2 | | L1 | GND |
| 0.342000 0.564000 | 24.30 | 11.1 | 49 | 24.9 | AV | L1 L1 | GND |
| MEASUREMENT | | | | | AV | Ш⊥ | GND |
| | | . WACU | /00_111 | 1 | | | |
| 2015-12-22 1 Frequency | | Transd | T.imi+ | Margin | Detector | Line | PI |
| MHz | | | | | Deteotor | DINC | |
| 0.156000 | 46.50 | 10 / | 66 | 19.2 | OP | Ν | GNI |
| 0.294000 | | | | 20.3 | | N | GNI |
| 0.584000 | 37.30 | | 56 | | Q̈́Ρ | Ν | GNI |
| MEASUREMENI | ' RESULT | : "WRC | 006_fi | n2″ | | | |
| 2015-12-22 1 | 0:56 | | — | | | | |
| Frequency | Level | | | | Detector | Line | PI |
| MHz | dBµV | dB | dBµV | dB | | | |
| 0.154000 | | | | 25.0 | | Ν | GNI |
| 0.296000 | | 11.0 | | | | N | GN1 |
| 0.584000 | 28.10 | 11.5 | 46 | 17.9 | AV | N | GN |

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

The spectral diagrams are shown in the following pages.

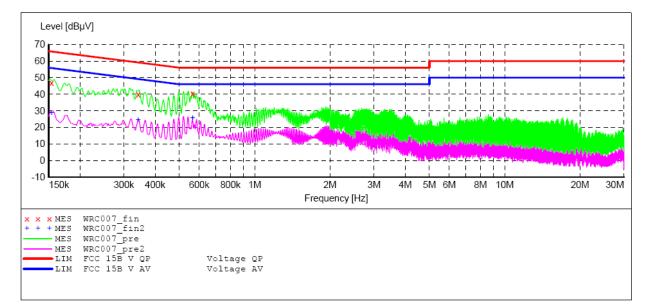


CONDUCTED EMISSION STANDARD FCC PART 15B

| EUT: Manufacturer: Operating Condition: Test Site: | | M/N:BV-001 BLK |
|---|------|----------------|
| Operator: Test Specification: Comment: | STAR | |

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

| Short Desc | ription: | | SUB_STD_VTE | RM2 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: "WRC007 fin"

2015-12-22 10:58

| Frequency MHz | Level dBµV | | Limit dBµV | Margin dB | Detector | Line | PE |
|----------------------------------|-------------------------|----------------------|---------------|--------------|------------|----------------|-------------------|
| 0.154000 0.342000 0.564000 | 46.70 39.80 40.20 | 10.4 11.1 11.5 | | 19.4 | <i></i> ΏР | L1 L1 L1 | GND GND GND |

MEASUREMENT RESULT: "WRC007 fin2"

| 2015-12-22 10: | 58 | | | | | | |
|----------------|-------|--------|-------|--------|----------|------|-----|
| Frequency | Level | Transd | Limit | Margin | Detector | Line | PE |
| MHz | dBuV | dB | dBuV | dB | | | |
| | 1 | | | | | | |
| 0.154000 | 28.60 | 10.4 | 56 | 27.2 | AV | L1 | GND |
| 0.342000 | 24.30 | 11.1 | 49 | 24.9 | AV | L1 | GND |
| 0.564000 | 25.40 | 11.5 | 46 | 20.6 | AV | L1 | GND |

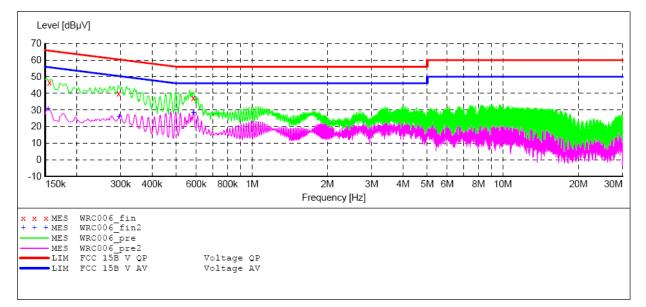


CONDUCTED EMISSION STANDARD FCC PART 15B

| EUT: Manufacturer: Operating Condition: Test Site: | 5 5 | M/N:BV-001 BLK |
|---|---|----------------|
| Operator: Test Specification: | STAR N 120V/60Hz | |
| Comment: Start of Test: | Report NO.:ATE20152701 2015-12-22 / 10:54:33 | |

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

| Short Desc | | | SUB STD VTE | RM2 1.70 | | |
|------------|-----------|---------|----------------------|----------|--------|---------------|
| | - | Step | Detector | Meas. | IF | Transducer |
| Frequency | Frequency | Width | | Time | Bandw. | |
| 150.0 kHz | 30.0 MHz | 4.5 kHz | QuasiPeak Average | 1.0 s | 9 kHz | LISN(ESH3-Z5) |



MEASUREMENT RESULT: "WRC006_fin"

2015-12-22 10:56

| Frequency MHz | Level dBµV | | Limit dBµV | Margin dB | Detector | Line | PE |
|----------------------------------|---------------|------|---------------|--------------|----------|-------------|-------------------|
| 0.156000 0.294000 0.584000 | 40.10 | 11.0 | 60 | 20.3 | Ω̃Ρ | N N N | GND GND GND |

MEASUREMENT RESULT: "WRC006_fin2"

| 2015-12-22 10 | :56 | | | | | | |
|---------------|-------|--------|-------|--------|----------|------|-----|
| Frequency | Level | Transd | Limit | Margin | Detector | Line | PE |
| MHz | dBµV | dB | dBµV | dB | | | |
| | | | | | | | |
| 0.154000 | 30.80 | 10.4 | 56 | 25.0 | AV | N | GND |
| 0.296000 | 26.10 | 11.0 | 50 | 24.3 | AV | N | GND |
| 0.584000 | 28.10 | 11.5 | 46 | 17.9 | AV | N | GND |

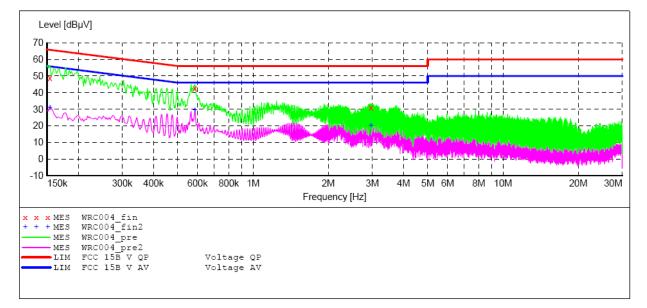


CONDUCTED EMISSION STANDARD FCC PART 15B

| EUT: Manufacturer: Operating Condition: Test Site: | | M/N:BV-001 BLK |
|---|------|----------------|
| Operator: Test Specification: Comment: | STAR | |

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

| Short Desc | ription: | | _SUB_STD_VTE | RM2 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: "WRC004 fin"

2015-12-22 10:51

| Frequency MHz | Level dBµV | | Limit dBµV | Margin dB | Detector | Line | PE |
|----------------------------------|---------------|----------------------|---------------|----------------------|------------|----------------|-------------------|
| 0.154000 0.586000 2.963000 | 42.80 | 10.4 11.5 11.7 | 56 | 17.0 13.2 25.1 | <i></i> ΏР | L1 L1 L1 | GND GND GND |

MEASUREMENT RESULT: "WRC004_fin2"

| 2015-12-22 10 | :51 | | | | | | |
|---------------|-------|------|------|------|----------|------|-----|
| Frequency | | | | 2 | Detector | Line | PE |
| MHz | dBµV | dB | dBµV | dB | | | |
| 0 154000 | 21 00 | 10 4 | EC | 24.0 | 75.7 | т 1 | CND |
| 0.154000 | 31.00 | 10.4 | 00 | 24.8 | AV | Ll | GND |
| 0.586000 | 29.50 | 11.5 | 46 | 16.5 | AV | L1 | GND |
| 2.963000 | 20.00 | 11.7 | 46 | 26.0 | AV | L1 | GND |

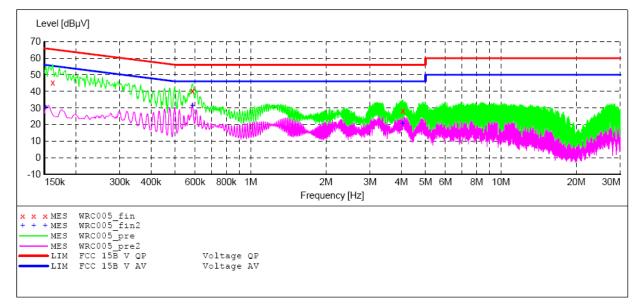


CONDUCTED EMISSION STANDARD FCC PART 15B

| EUT: Manufacturer: Operating Condition: Test Site: | | M/N:BV-001 BLK |
|---|---|----------------|
| Operator: Test Specification: | STAR | |
| Comment: | Report NO.:ATE20152701 2015-12-22 / 10:52:25 | |

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

| Short Descr | iption: | | SUB_STD_VTE | RM2 1.70 | | |
|-------------|-----------|---------|----------------------|----------|--------|---------------|
| Start | Stop | Step | Detector | Meas. | IF | Transducer |
| Frequency | Frequency | Width | | Time | Bandw. | |
| 150.0 kHz | 30.0 MHz | 4.5 kHz | QuasiPeak Average | 1.0 s | 9 kHz | LISN(ESH3-Z5) |
| | | | morage | | | |



MEASUREMENT RESULT: "WRC005 fin"

2015-12-22 10:54 Frequency Level Transd Limit Margin Detector Line PE MHz dBµV dB dBµV dB 20.0 15.8 45.40 10.4 40.20 11.5 0.162000 65 QP Ν GND 0.586000 56 QP Ν GND 56 27.7 QP 4.056500 28.30 11.8 Ν GND

MEASUREMENT RESULT: "WRC005 fin2"

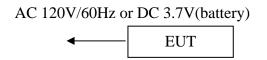
| 2015-12-22 10 | :54 | | | | | | |
|---------------|-------|--------|-------|--------|----------|------|-----|
| Frequency | Level | Transd | Limit | Margin | Detector | Line | PE |
| MHz | dBµV | dB | dBµV | dB | | | |
| | | | | | | | |
| 0.152000 | 30.20 | 10.4 | 56 | 25.7 | AV | N | GND |
| 0.586000 | 31.20 | 11.5 | 46 | 14.8 | AV | N | GND |
| 4.047500 | 20.50 | 11.8 | 46 | 25.5 | AV | N | GND |



5. RADIATED EMISSION MEASUREMENT

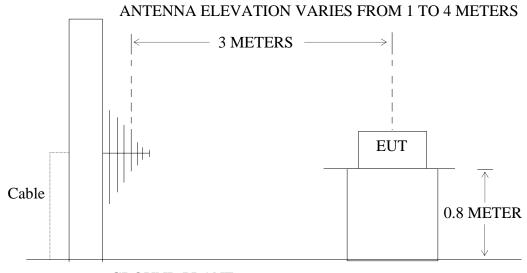
5.1.Block Diagram of Test Setup

5.1.1.Block diagram of connection between the EUT and simulators



(EUT: Wireless remote control vibrator)

5.1.2.Semi-Anechoic Chamber Test Setup Diagram



GROUND PLANE

(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 | Distance | Field Stren | igths Limit |
|----------------------|------------------------------|------------------------|-------------------|
| MHz | Meters | μV/m | dB(μV/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 dB (μ V) = 20 log | g Emission level μ | V/m. |
| | ller limit shall apply | at the cross poir | nt between two |
| frequency | | | |
| | is the distance in | | |
| | t antenna and the clos | est point of any pa | art 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-001 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 Num Test mode: | | V-001 BLK ing(120V/60 |)) DHz) | | | | | |
|-------------------------|-----|--------------------------|---------------------|----------------|--------------------|-------------------|----------------|----------|
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| Horizontal | 1 | 151.5567 | 37.64 | -22.18 | 15.46 | 43.50 | -28.04 | QP |
| | 2 | 176.8953 | 40.14 | -20.62 | 19.52 | 43.50 | -23.98 | QP |
| | 3 | 246.9901 | 39.78 | -18.19 | 21.59 | 46.00 | -24.41 | QP |
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| Vertical | 1 | 72.2111 | 42.01 | -22.97 | 19.04 | 40.00 | -20.96 | QP |
| | 2 | 176.8952 | 43.14 | -20.62 | 22.52 | 43.50 | -20.98 | QP |
| | 3 | 245.2606 | 40.57 | -18.20 | 22.37 | 46.00 | -23.63 | QP |
| Above 1G | | | | | | | | |
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| Horizontal | 1 | 2809.536 | 44.27 | -6.77 | 37.50 | 74.00 | -36.50 | peak |
| | 2 | 2809.536 | 37.00 | -6.77 | 30.23 | 54.00 | -23.77 | AVG |
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| Vertical | 1 | 4701.634 | 42.44 | -2.64 | 39.80 | 74.00 | -34.20 | peak |
| | 2 | 4701.634 | 36.10 | -2.64 | 33.46 | 54.00 | -20.54 | AVG |



| Model Num Test mode: | | | | | | | | |
|-------------------------|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|
| Horizontal | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| | 1 | 952.0000 | 27.76 | -3.40 | 24.36 | 46.00 | -21.64 | QP |
| Vertical | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| Vertical | 1 | 554.1707 | 27.69 | -11.01 | 16.68 | 46.00 | -29.32 | QP |
| Above 1G | | | | | | | | |
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| Horizontal | 1 | 2389.548 | 44.62 | -8.00 | 36.62 | 74.00 | -37.38 | peak |
| | 2 | 2389.548 | 35.05 | -8.00 | 27.05 | 54.00 | -26.95 | AVG |
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| Vertical | 1 | 3250.287 | 41.55 | -5.35 | 36.20 | 74.00 | -37.80 | peak |
| | 2 | 3250.287 | 34.26 | -5.35 | 28.91 | 54.00 | -25.09 | AVG |



Below 1GHz

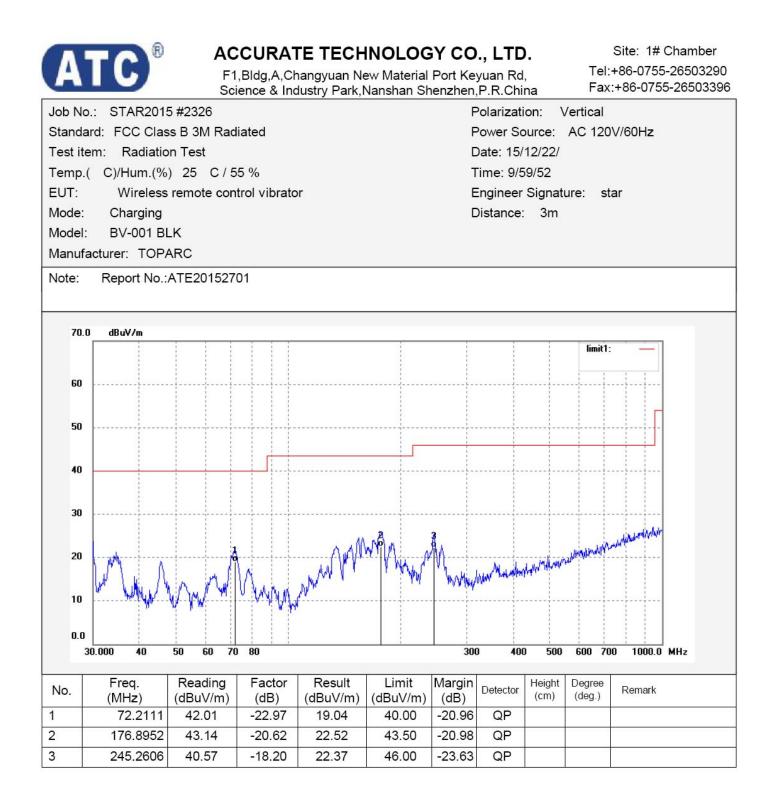


ACCURATE TECHNOLOGY CO., LTD.

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 | .: STAR2015 | | chee a me | addig i ark,i | Valisliali Sli | | Polarizati | | lorizonta | al |
|--------|------------------------------|---------------------|---------------------|---------------|----------------|----------------|---------------|----------------|--|--------------|
| | ard: FCC Class B 3M Radiated | | | | | | Power Sc | | | |
| | em: Radiatio | | | | | |)ate: 15/ | | | |
| | C)/Hum.(% | | 5 % | | | | ime: 9/5 | | | |
| EUT: | | remote con | | or | | | Ingineer | | ure: st | ar |
| Mode: | Charging | | | | | |)istance: | - | | |
| Model: | | K | | | | | | | | |
| Manufa | acturer: TOPA | ARC | | | | | | | | |
| Note: | Report No.:, | ATE201527 | 01 | | | | | | | |
| 70.0 | dBu∀/m | | | | | | | | , | |
| | | | | | | | | | limit1: | — |
| 60 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 50 | | | | | | | | | | |
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| 30 | | | | | | | | | | |
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| 20 | | | | | 2 h | ٩ <u>٨</u> | | | unilaterhaine | nd and and |
| 20 | 1 | | | 1 11 | W/W/W | Mu. | - ANTHING MAN | pumphalina | property and a second sec | |
| 10 | NANHALA-WALNED | white many many | When which have not | unintern May | 1 1 1 | | we. | | | |
| 0.0 | | | | | | | | | | |
| | 0.000 40 | 50 60 70 | 80 | | i i | 300 |) 400 | 500 | 600 70 | 0 1000.0 MHz |
| 1 | Eroc | Pooding | Factor | Result | Limit | Moreir | | Hojaht | Dograa | |
| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | (dBuV/m) | (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
| (| 151.5567 | 37.64 | -22.18 | 15.46 | 43.50 | -28.04 | QP | | | |
| 2 | 176.8953 | 40.14 | -20.62 | 19.52 | 43.50 | -23.98 | QP | | | |
| | 246.9901 | 39.78 | -18.19 | 21.59 | 46.00 | | QP | 1 | 10 | |







ACCURATE TECHNOLOGY CO., LTD. Site: 1# Chamber Tel:+86-0755-26503290 F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Fax:+86-0755-26503396 Science & Industry Park, Nanshan Shenzhen, P.R. China Job No.: STAR2015 #2327 Vertical Polarization: Standard: FCC Class B 3M Radiated Power Source: DC 3.7V Test item: Radiation Test Date: 15/12/22/ Temp.(C)/Hum.(%) 25 C / 55 % Time: 10/05/38 EUT: Wireless remote control vibrator Engineer Signature: star Distance: 3m Mode: RX(433.92) Model: **BV-001 BLK** Manufacturer: TOPARC Note: Report No.:ATE20152701 dBu∀/m 70.0 limit1: 60 50 40 30 mandor high war and the which the which there are 20 10 0.0 30.000 50 60 70 80 300 400 500 600 700 1000.0 MHz 40 Reading Factor Result Limit Freq. Margin Height Degree Detector No. Remark (cm) (deg.) (dBuV/m) (dBuV/m) (MHz) (dBuV/m) (dB) (dB)

QP

-29.32

554.1707

1

27.69

-11.01

16.68

46.00







| | | Above 1GHz | | | |
|---|--|--|---|--|------|
| ATC® | | CHNOLOGY C an New Material Port Park,Nanshan Shenzh | Keyuan Rd, | Site: 1# Tel:+86-0755 Fax:+86-0755 | |
| b No.: STAR2015 #234 | 44 | | Polarization: Ho | orizontal | |
| andard: FCC PK | | | Power Source: A | C 120V/60Hz | |
| est item: Radiation Tes | st | | Date: 15/12/24/ | | |
| emp.(C)/Hum.(%) 25 | C / 55 % | | Time: 16/07/09 | | |
| JT: Wireless remo | ote control vibrator | | Engineer Signatur | e: star | |
| ode: Charging | | | Distance: 3m | | |
| odel: BV-001 BLK | | | | | |
| anufacturer: TOPARC | | | | | |
| ote: Report No.:ATE2 | 0152701 | | | | |
| | | | | | |
| | | | | | |
| 80.0 dBuV/m | | | | 1 | |
| | | | | limit1: — limit2: — | |
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| 30 second white the second | withder when to watch whether anything the | 14 years and the second states of the second states | attend the open the open and and | | |
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| 10 | | | | 1 | |
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| 0.0 | | | | 1 | |
| 1000.000 | | 2000 | 3000 | 4000 5000.0 | 1411 |

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|----------------|------------------|--------|
| 1 | 2809.536 | 44.27 | -6.77 | 37.50 | 74.00 | -36.50 | peak | | | |
| 2 | 2809.536 | 37.00 | -6.77 | 30.23 | 54.00 | -23.77 | AVG | | | |



| A | TC® | F1 | ,Bldg,A,Cl | TE TECH hangyuan Ne dustry Park,I | ew Material | Port Ke | yuan Rd | , | | +86-0755 | Chamber 5-26503290 5-2650339 |
|---------|------------------------------|------------------------|-------------------------|--|-------------------|----------------|---------------------|----------|-----------------------|--------------------|------------------------------------|
| Job No | D.: STAR201 | 5 #2343 | | | | F | Polarizati | ion: \ | /ertical | | |
| Standa | ard: FCC PK | | | | | F | Power So | ource: | AC 120 | V/60Hz | |
| Fest it | em: Radiatio | n Test | | | | C |) Date: 15/ | 12/24/ | | | |
| Temp. | (C)/Hum.(% |) 25 C/5 | 5 % | | | т | ime: 16 | /06/42 | | | |
| EUT: | Wireless | remote con | trol vibrato | or | | E | Engineer | Signat | ure: st | ar | |
| /lode: | Charging | | | | | C | Distance | 3m | | | |
| /lodel: | : BV-001 BI | _K | | | | | | | | | |
| Manuf | acturer: TOP | ARC | | | | | | | | | |
| Note: | Report No.: | ATE201527 | 01 | | | | | | | | |
| 80. | 0 dBu¥/m | | | | | | | | limit1: | - | |
| 70 | | | | | | | | | limit2: | | |
| 10 | | | | 1 | | | | | | | |
| 60 | | | | | | | | | | | |
| 50 | | | | | | | | | | | |
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| | udiol/Address. In | | | 1 | | | | | 7 7 8 8 8 | | |
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| 0.0 | £ | | | 1 | | | | | | | |
| | 1000.000 | | | 2000 | | | 3000 | | 4000 | 5000.0 | MHz |
| | | | | Decult | Limit | Margin | | Height | Degree | | |
| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | (dBuV/m) | | Detector | (cm) | (deg.) | Remark | |
| | | | Factor (dB) -2.64 | | | (dB) -34.20 | Detector peak | | | Remark | |



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| h No | : STAR201 | 1. DECENSION | | dustry Park, | vansnan Sr | -11 | P.R.Chi Polarizati | | Horizonta | al | 200000 |
|-------|---|---------------------|-------------------------|--|--|-------------------|-----------------------|----------------|-----------------|----------------------------|--------|
| | rd: FCC PK | 5 #2343 | | | | | Power Sc | | | | |
| | m: Radiatio | n Toet | | | | | Date: 15/ | | DC 3.7 | v | |
| | | | F 0/ | | | | | | | | |
| • • | C)/Hum.(% | | | | | | ime: 16 | | | | |
| JT: | | remote con | trol vibrato | pr | | | Engineer | | ure: st | ar | |
| ode: | RX(433.92 | | | | | L | Distance | 3m | | | |
| odel: | BV-001 BI | | | | | | | | | | |
| anufa | cturer: TOPA | ARC | | | | | | | | | |
| ote: | Report No .:. | ATE201527 | 01 | | | | | | | | |
| | | | | | | | | | | | |
| 80.0 | dBu∀/m | | | | | | | | | | _ |
| 00.0 | | | | | | | | | limit1: | — | |
| | - | | | | | | | | limit2: | | |
| 70 | | | | | | | | | | | |
| | | | | | | | | | | | |
| 60 | | | | | | | | | | | |
| 50 | - | | | | | | | | | | |
| 90 | | | | | | | | | | | |
| 40 | | | | | | | | | | | |
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| | reprinted with the second s | had another aroth | Windlaws, A. Less | mt | ē | | | | | | |
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| 0.0 | 000.000 | | | 2000 | | | 2000 | | 4000 | 5000.0 | MUN |
| - 11 | 000.000 | | | 2000 | | | 3000 | | 4000 | 5000.0 | MHZ |
| o. | Freq. | Reading | Factor | Result | Limit | Margin | Detector | Height | Degree | Remark | |
| | (MHz) | (dBuV/m) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | | (cm) | (deg.) | Komurk | |
| - | | | ~ ~ ~ ~ | 00.00 | 74 00 | 27 20 | nool | | | | |
| - | 2389.548 2389.548 | 44.62 35.05 | -8.00 -8.00 | 36.62 27.05 | 74.00 54.00 | -37.38 -26.95 | peak AVG | | | | |



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| b No. | | | | | | | | | | | |
|---|---------------------------|---|--|----------------------------|---------------------------|-------------------|--|-----------------|---|---|-----|
| | : STAR201 | 5 #2346 | | | | | Polarizati | | /ertical | | |
| | rd: FCC PK | | | | | F | Power Sc | ource: | DC 3.7 | V | |
| est ite | m: Radiatio | n Test | | | | - | Date: 15/ | | | | |
| emp.(| C)/Hum.(% |) 25 C/5 | 5 % | | | Г | Time: 16/ | 07/30 | | | |
| JT: | Wireless | remote con | trol vibrato | or | | E | Engineer | Signat | ure: st | ar | |
| ode: | RX(433.92 | 2MHz) | | | | 0 | Distance: | 3m | | | |
| odel: | BV-001 BI | _K | | | | | | | | | |
| anufa | cturer: TOP | ARC | | | | | | | | | |
| ote: | Report No .:. | ATE201527 | 01 | | | | | | | | |
| | | | | | | | | | | | |
| 00.0 | ID VI | | | | | | | | | | |
| 80.0 | dBu∀/m | | | | | | | | limit1: | | |
| | | | | | | | | | limit2: | | |
| 70 | | | | | | | | | | | |
| | | | | | | | 8 | | | | |
| 60 | | | | 1 | | | | | | | |
| 60 | | | | | | | - | | | | |
| 60 50 | | | | | | | - | | | | |
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| 50 40 30 20 10 0.0 10 | 000.000 | | Factor | | | | 3000 | Height | | 5000.0 | MHz |
| 50 40 30 20 10 | 000.000 Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | 2000 Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | 3000 Detector | | 4000 | | MHz |
| 50 40 30 20 10 0.0 10 | 000.000 Freq. | Reading | Factor | 2000 Result | Limit | Margin | 3000 Detector | Height | 4000 Degree | 5000.0 | MHz |