

APPLICATION CERTIFICATION FCC Part 15C
On Behalf of

PURE TOY LIMITED

Video Camera Drone With LED Lights
Model No.: 205981-01

FCC ID: 2AN6G-S13

Prepared for : **PURE TOY LIMITED**
Address : **Chenghua Toys Industrial Zone, Chenghai, Shantou,
Guangdong, 515800, China**

Prepared by : **Shenzhen Accurate Technology Co., Ltd.**
Address : **1/F., Building A, Changyuan New Material Port, Science
& Industry Park, Nanshan District, Shenzhen, Guangdong,
P.R. China.**

Tel: (0755) 26503290
Fax: (0755) 26503396

Report Number : **ATE20171776**
Date of Test : **Sep. 15, 2017**
Date of Report : **Sep. 27, 2017**

TABLE OF CONTENTS

| Description | Page |
|---|-----------|
| Test Report Certification | |
| 1. GENERAL INFORMATION | 4 |
| 1.1. Description of Device (EUT)..... | 4 |
| 1.2. Frequency list..... | 4 |
| 1.3. Special Accessory and Auxiliary Equipment | 4 |
| 1.4. Description of Test Facility | 5 |
| 1.5. Measurement Uncertainty | 5 |
| 2. MEASURING DEVICE AND TEST EQUIPMENT | 6 |
| 3. OPERATION OF EUT DURING TESTING | 7 |
| 3.1. Operating Mode..... | 7 |
| 3.2. Configuration and peripherals | 7 |
| 4. TEST PROCEDURES AND RESULTS | 8 |
| 5. 20DB BANDWIDTH MEASUREMENT | 9 |
| 5.1. Block Diagram of Test Setup..... | 9 |
| 5.2. The Requirement For Section 15.215(c)..... | 9 |
| 5.3. Operating Condition of EUT | 9 |
| 5.4. Test Procedure | 9 |
| 5.5. Test Result | 10 |
| 6. BAND EDGE COMPLIANCE TEST | 12 |
| 6.1. Block Diagram of Test Setup..... | 12 |
| 6.2. The Requirement For Section 15.249..... | 12 |
| 6.3. EUT Configuration on Measurement | 12 |
| 6.4. Operating Condition of EUT | 13 |
| 6.5. Test Procedure | 13 |
| 6.6. Test Result | 13 |
| 7. RADIATED SPURIOUS EMISSION TEST | 18 |
| 7.1. Block Diagram of Test Setup..... | 18 |
| 7.2. The Limit For Section 15.249..... | 19 |
| 7.3. Restricted bands of operation | 20 |
| 7.4. Configuration of EUT on Measurement | 20 |
| 7.5. Operating Condition of EUT | 21 |
| 7.6. Test Procedure | 21 |
| 7.7. Data Sample | 22 |
| 7.8. The Field Strength of Radiation Emission Measurement Results | 22 |
| 8. ANTENNA REQUIREMENT..... | 35 |
| 8.1. The Requirement | 35 |
| 8.2. Antenna Construction | 35 |
| 9. PHOTO OF EUT..... | 36 |

Test Report Certification

Applicant : PURE TOY LIMITED
Address : Chenghua Toys Industrial Zone, Chenghai, Shantou, Guangdong, 515800, China
Manufacturer : PURE TOY LIMITED
Address : Chenghua Toys Industrial Zone, Chenghai, Shantou, Guangdong, 515800, China
Product : Video Camera Drone With LED Lights
Model No. : 205981-01
(Please refer to the detailed description about coverage models on page 4)
Trade name : N/A

Measurement Procedure Used:

**FCC Rules and Regulations Part 15 Subpart C Section 15.249
ANSI C63.10: 2013**

The EUT was tested according to FCC 47CFR 15.249 for compliance to FCC 47CFR 15.249 requirements

The device described above is tested by Shenzhen 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 Section 15.249 limits. The measurement results are contained in this test report and Shenzhen 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 Shenzhen Accurate Technology Co., Ltd.

Date of Test :

Sep. 15, 2017

Date of Report :

Sep. 27, 2017

Prepared by :



Approved & Authorized Signer :

(Sean Liu, Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

| | | |
|------------------------|---|--|
| Product | : | Video Camera Drone With LED Lights |
| Main test model Number | : | 205981-01, |
| List model Number | : | S13, S31, S32, S33, S34, S35, S36, S37, S38, S39, S40, S41, S42, S43, S45, S46, S47, S48, S49, S50 |
| Frequency Range | : | 2420-2460MHz |
| Number of Channels | : | 41 |
| Modulation Type | : | GFSK |
| Type of Antenna | : | Integral Antenna |
| Max antenna gain | : | 1dBi |
| Power Supply | : | DC 4.5V (Powered by battery) |

1.2. Frequency list

| serial | channel | serial | channel | serial | channel | serial | channel |
|--------|---------|--------|---------|--------|---------|--------|---------|
| 1 | 2420 | 13 | 2432 | 25 | 2444 | 37 | 2456 |
| 2 | 2421 | 14 | 2433 | 26 | 2445 | 38 | 2457 |
| 3 | 2422 | 15 | 2434 | 27 | 2446 | 39 | 2458 |
| 4 | 2423 | 16 | 2435 | 28 | 2447 | 40 | 2459 |
| 5 | 2424 | 17 | 2436 | 29 | 2448 | 41 | 2460 |
| 6 | 2425 | 18 | 2437 | 30 | 2449 | 42 | |
| 7 | 2426 | 19 | 2438 | 31 | 2450 | 43 | |
| 8 | 2427 | 20 | 2439 | 32 | 2451 | 44 | |
| 9 | 2428 | 21 | 2440 | 33 | 2452 | 45 | |
| 10 | 2429 | 22 | 2441 | 34 | 2453 | 46 | |
| 11 | 2430 | 23 | 2442 | 35 | 2454 | 47 | |
| 12 | 2431 | 24 | 2443 | 36 | 2455 | 48 | |

1.3. Special Accessory and Auxiliary Equipment

N/A

1.4. Description of Test Facility

| | |
|---------------|--|
| EMC Lab | : Recognition of accreditation by Federal Communications Commission (FCC) The Designation Number is CN1189 The Registration Number is 708358 |
| | Listed by Innovation, Science and Economic Development Canada (ISED) The Registration Number is 5077A-2 |
| | Accredited by China National Accreditation Service for Conformity Assessment (CNAS) The Registration Number is CNAS L3193 |
| | Accredited by American Association for Laboratory Accreditation (A2LA) The Certificate Number is 4297.01 |
| Name of Firm | : Shenzhen Accurate Technology Co., Ltd. |
| Site Location | : 1/F., Building A, Changyuan New Material Port, Science & Industry Park, Nanshan District, Shenzhen, Guangdong, P.R. China |

1.5. Measurement Uncertainty

| | | |
|---|---|-------------|
| Conducted Emission Expanded Uncertainty | = | 2.23dB, k=2 |
| Radiated emission expanded uncertainty (9kHz-30MHz) | = | 3.08dB, k=2 |
| Radiated emission expanded uncertainty (30MHz-1000MHz) | = | 4.42dB, k=2 |
| Radiated emission expanded uncertainty (Above 1GHz) | = | 4.06dB, k=2 |

2. MEASURING DEVICE AND TEST EQUIPMENT

Table 1: List of Test and Measurement Equipment

| Kind of equipment | Manufacturer | Type | S/N | Calibrated dates | Cal. Interval |
|--------------------|------------------------|-----------------------------------|------------|------------------|---------------|
| EMI Test Receiver | Rohde&Schwarz | ESCS30 | 100307 | Jan. 07, 2017 | One Year |
| EMI Test Receiver | Rohde&Schwarz | ESPI3 | 101526/003 | Jan. 07, 2017 | One Year |
| Spectrum Analyzer | Agilent | E7405A | MY45115511 | Jan. 07, 2017 | One Year |
| Pre-Amplifier | Rohde&Schwarz | CBLU118354 0-01 | 3791 | Jan. 07, 2017 | One Year |
| Loop Antenna | Schwarzbeck | FMZB1516 | 1516131 | Jan. 13, 2017 | One Year |
| Bilog Antenna | Schwarzbeck | VULB9163 | 9163-323 | Jan. 13, 2017 | One Year |
| Horn Antenna | Schwarzbeck | BBHA9120D | 9120D-655 | Jan. 13, 2017 | One Year |
| Horn Antenna | Schwarzbeck | BBHA9120D | 9120D-1067 | Jan. 13, 2017 | One Year |
| LISN | Rohde&Schwarz | ESH3-Z5 | 100305 | Jan. 07, 2017 | One Year |
| LISN | Schwarzbeck | NSLK8126 | 8126431 | Jan. 07, 2017 | One Year |
| Highpass Filter | Wainwright Instruments | WHKX3.6/18 G-10SS | N/A | Jan. 07, 2017 | One Year |
| Band Reject Filter | Wainwright Instruments | WRCG2400/2 485-2375/2510 -60/11SS | N/A | Jan. 07, 2017 | One Year |

3. OPERATION OF EUT DURING TESTING

3.1. Operating Mode

The mode is used: **Transmitting mode**

Low Channel: 2420MHz

Middle Channel: 2440MHz

High Channel: 2460MHz

3.2. Configuration and peripherals

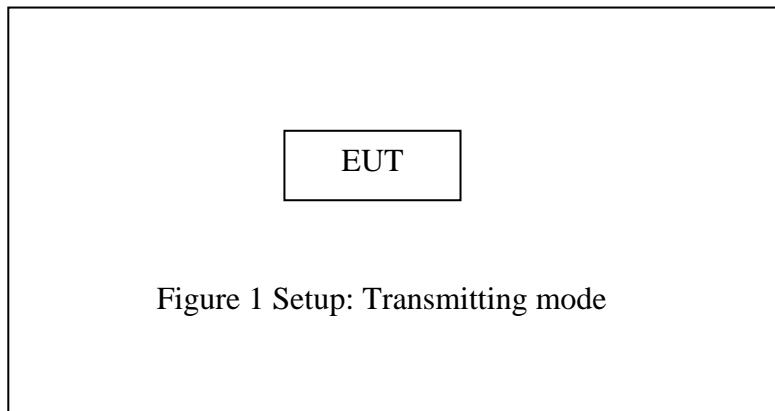


Figure 1 Setup: Transmitting mode

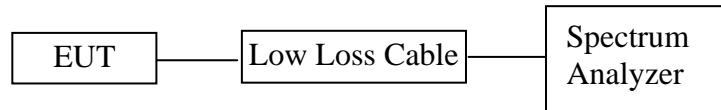
4. TEST PROCEDURES AND RESULTS

| FCC Rules | Description of Test | Result |
|--|---------------------------------------|-----------|
| Section 15.215(c) | 20dB Bandwidth | Compliant |
| Section 15.249(d) | Band Edge Compliance Test | Compliant |
| Section 15.205(a), Section 15.209(a), Section 15.249, Section 15.35 | Radiated Spurious Emission Test | Compliant |
| Section 15.207 | AC Power Line Conducted Emission Test | N/A |
| Section 15.203 | Antenna Requirement | Compliant |

Note: The power supply mode of the EUT is DC 4.5V, According to the FCC standard requirements, conducted emission is not applicable.

5. 20DB BANDWIDTH MEASUREMENT

5.1. Block Diagram of Test Setup



5.2. The Requirement For Section 15.215(c)

The bandwidth of a frequency hopping channel is the 20 dB emission bandwidth, measured with the hopping stopped. The system RF bandwidth is equal to the channel bandwidth multiplied by the number of channels in the hopset. The hopset shall be such that the near-term distribution of frequencies appears random, with sequential hops randomly distributed in both direction and magnitude of change in the hopset while the long-term distribution appears evenly distributed.

5.3. Operating Condition of EUT

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

5.3.2. Turn on the power of all equipment.

5.3.3. Let the EUT work in TX modes measure it. The transmit frequency are 2420-2460 MHz. We select 2420MHz, 2440MHz, 2460MHz TX frequency to transmit.

5.4. Test Procedure

5.4.1. Place the EUT on the table and set it in transmitting mode.

5.4.2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

5.4.3. Set RBW of spectrum analyzer to 100 kHz and VBW to 300 kHz, Detector function=peak, Trace=max hold, Sweep=auto.

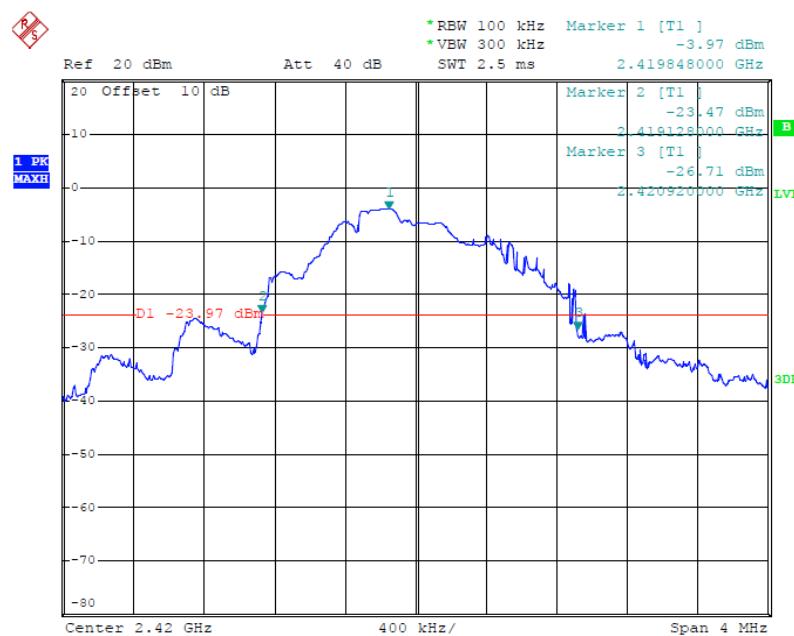
5.4.4. Set the measured low, middle and high frequency and test 20dB bandwidth with spectrum analyzer.

5.5. Test Result

| Channel | Frequency (MHz) | 20 dB Bandwidth (MHz) |
|---------|-----------------|-----------------------|
| Low | 2420 | 1.792 |
| Middle | 2440 | 1.456 |
| High | 2460 | 1.256 |

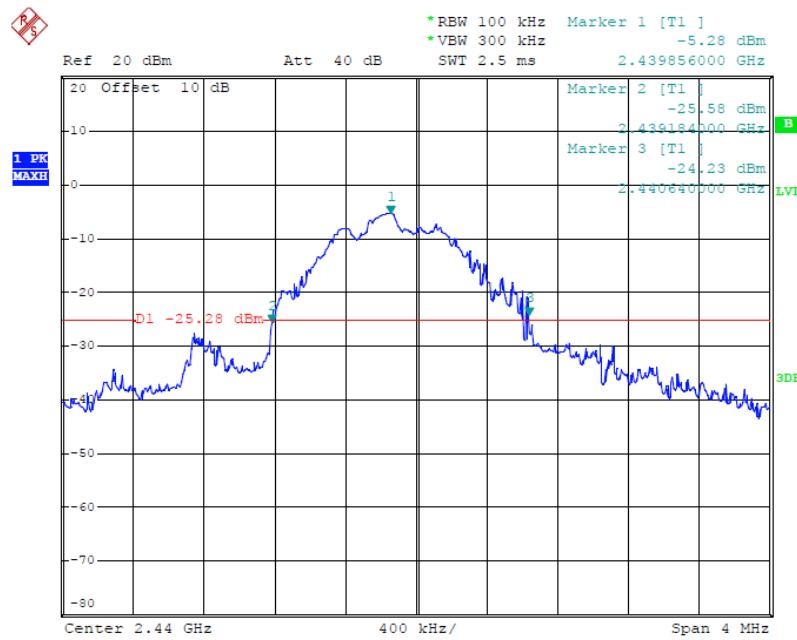
The spectrum analyzer plots are attached as below.

Low channel



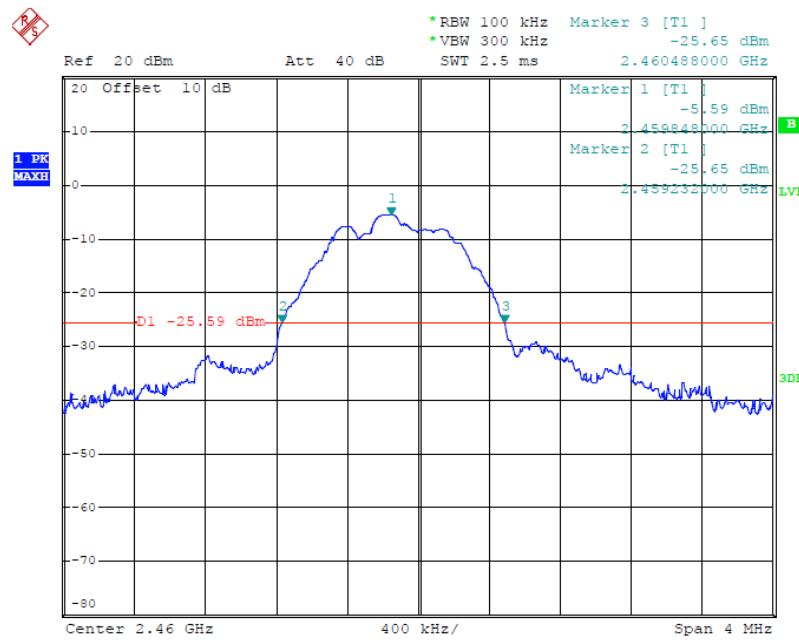
Date: 15.SEP.2017 16:02:34

Middle channel



Date: 15.SEP.2017 16:07:02

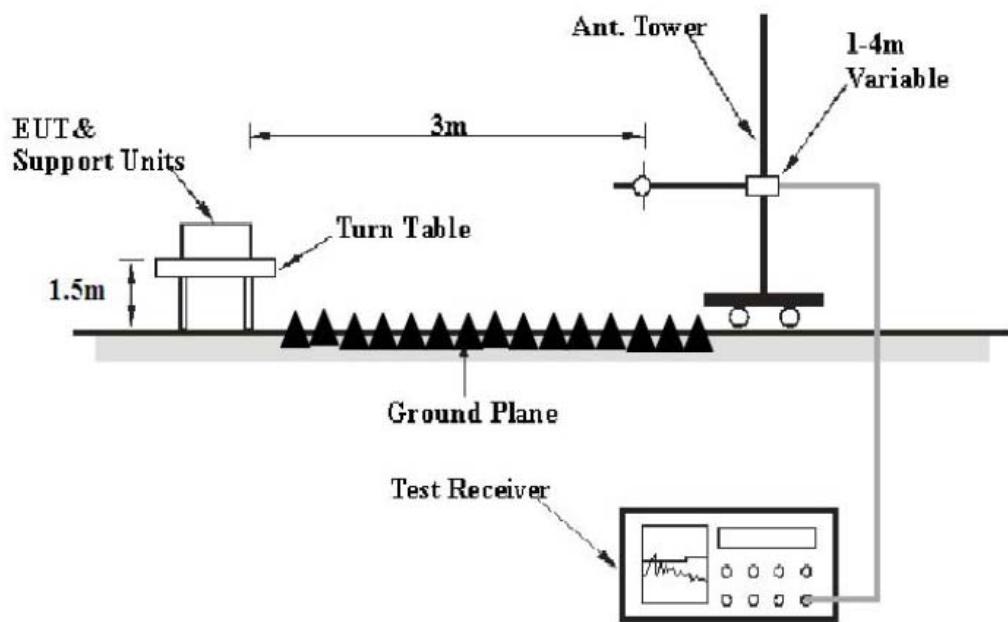
High channel



Date: 15.SEP.2017 16:08:27

6. BAND EDGE COMPLIANCE TEST

6.1. Block Diagram of Test Setup



6.2. The Requirement For Section 15.249

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph A8.4(4), the attenuation required shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

6.3. EUT Configuration on Measurement

The 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.

6.4. Operating Condition of EUT

6.4.1. Setup the EUT and simulator as shown as Section 6.1.

6.4.2. Turn on the power of all equipment.

6.4.3. Let the EUT work in TX modes measure it. The transmit frequency are 2420-2460 MHz. We select 2420MHz, 2460MHz TX frequency to transmit.

6.5. Test Procedure

Radiate Band Edge:

6.5.1. The EUT is placed on a turntable, which is 1.5m above the ground plane and worked at highest radiated power.

6.5.2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.

6.5.3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.

6.5.4. 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

6.5.5. The band edges was measured and recorded.

6.6. Test Result

PASS

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

3. Display the measurement of peak values.

4. The average measurement was not performed when peak measured data under the limit of average detection.

The spectral diagrams are attached as below.



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.: frank2017 #807

Standard: FCC PK

Test item: Radiation Test

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

EUT: Video Camera Drone With LED Lights

Mode: TX 2420MHz

Model: 205981-01

Manufacturer: PURE TOY LIMITED

Polarization: Horizontal

Power Source: DC 4.5V

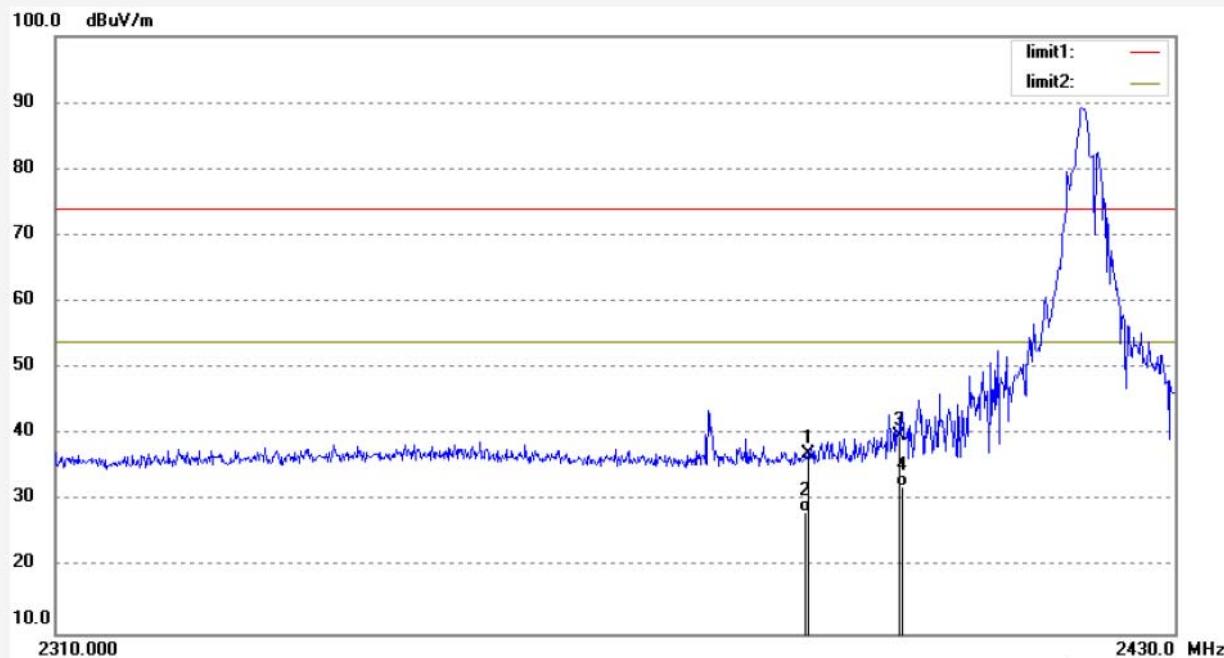
Date: 17/09/15/

Time: 9/09/17

Engineer Signature: Frank

Distance: 3m

Note: Report NO.:ATE20171776



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2390.000 | 41.05 | -3.96 | 37.09 | 74.00 | -36.91 | peak | 300 | 159 | |
| 2 | 2390.000 | 32.21 | -3.96 | 28.25 | 54.00 | -25.75 | AVG | 300 | 163 | |
| 3 | 2400.000 | 43.76 | -3.91 | 39.85 | 74.00 | -34.15 | peak | 250 | 190 | |
| 4 | 2400.000 | 36.14 | -3.91 | 32.23 | 54.00 | -21.77 | AVG | 250 | 176 | |



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.: frank2017 #806

Polarization: Vertical

Standard: FCC PK

Power Source: DC 4.5V

Test item: Radiation Test

Date: 17/09/15/

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

Time: 9/04/00

EUT: Video Camera Drone With LED Lights

Engineer Signature: Frank

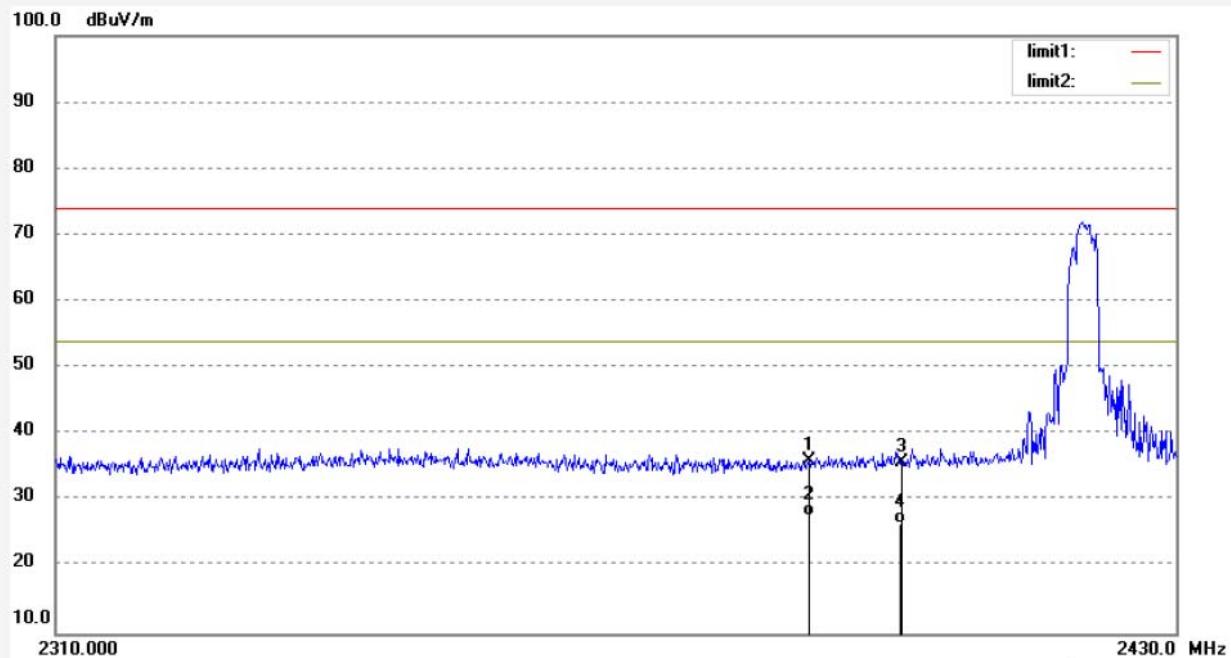
Mode: TX 2420MHz

Distance: 3m

Model: 205981-01

Manufacturer: PURE TOY LIMITED

Note: Report NO.:ATE20171776



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2390.000 | 40.03 | -3.96 | 36.07 | 74.00 | -37.93 | peak | 250 | 200 | |
| 2 | 2390.000 | 31.56 | -3.96 | 27.60 | 54.00 | -26.40 | AVG | 250 | 182 | |
| 3 | 2400.000 | 39.61 | -3.91 | 35.70 | 74.00 | -38.30 | peak | 200 | 112 | |
| 4 | 2400.000 | 30.54 | -3.91 | 26.63 | 54.00 | -27.37 | AVG | 200 | 90 | |



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.: frank2017 #809

Polarization: Horizontal

Standard: FCC PK

Power Source: DC 4.5V

Test item: Radiation Test

Date: 17/09/15/

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

Time: 9/23/15

EUT: Video Camera Drone With LED Lights

Engineer Signature: Frank

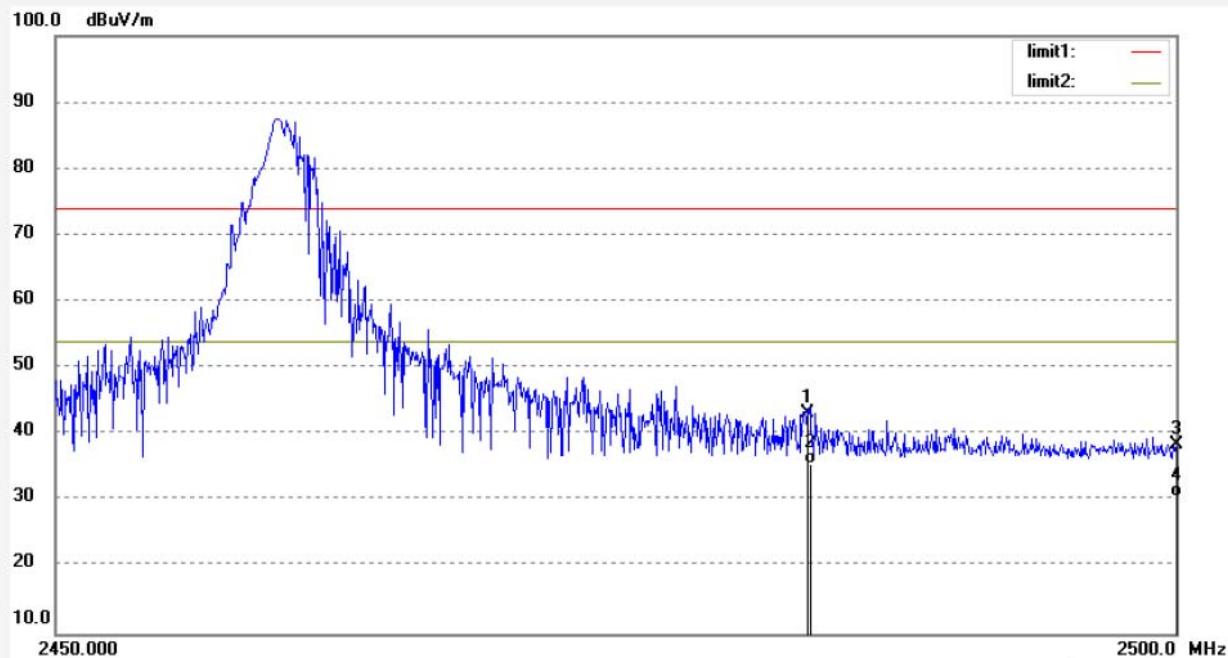
Mode: TX 2460MHz

Distance: 3m

Model: 205981-01

Manufacturer: PURE TOY LIMITED

Note: Report NO.:ATE20171776



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2483.500 | 46.64 | -3.50 | 43.14 | 74.00 | -30.86 | peak | 250 | 144 | |
| 2 | 2483.500 | 39.12 | -3.50 | 35.62 | 54.00 | -18.38 | AVG | 250 | 169 | |
| 3 | 2500.000 | 41.78 | -3.42 | 38.36 | 74.00 | -35.64 | peak | 300 | 307 | |
| 4 | 2500.000 | 34.12 | -3.42 | 30.70 | 54.00 | -23.30 | AVG | 300 | 358 | |



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.: frank2017 #810

Polarization: Vertical

Standard: FCC PK

Power Source: DC 4.5V

Test item: Radiation Test

Date: 17/09/15/

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

Time: 9/26/26

EUT: Video Camera Drone With LED Lights

Engineer Signature: Frank

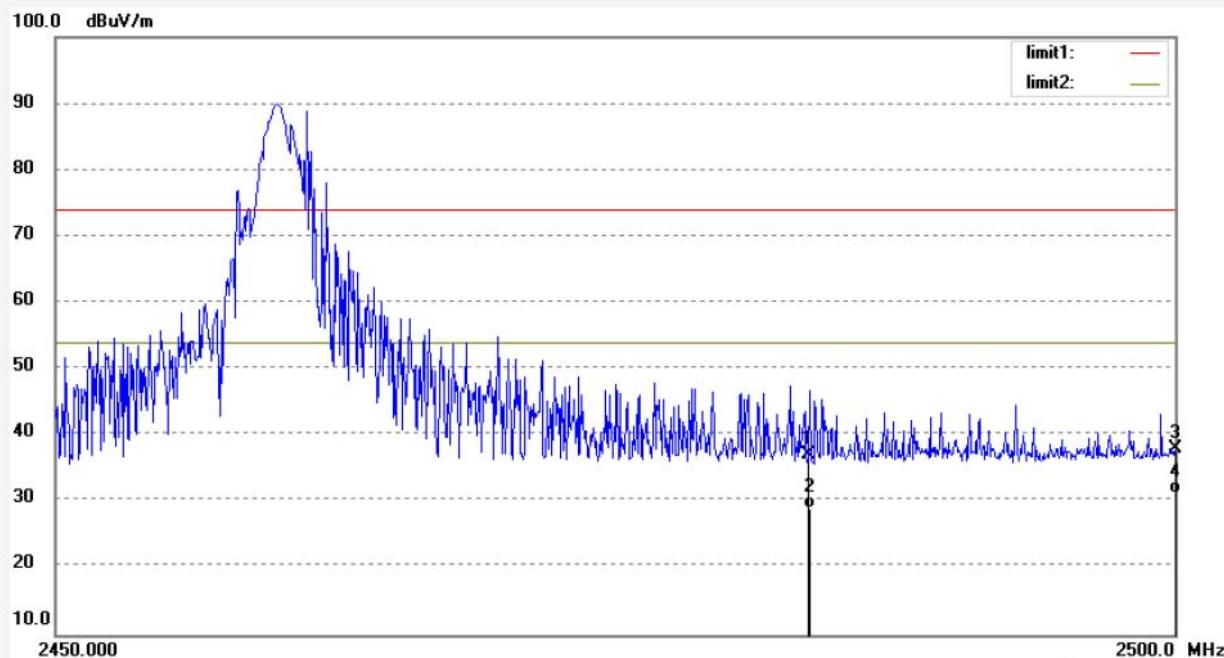
Mode: TX 2460MHz

Distance: 3m

Model: 205981-01

Manufacturer: PURE TOY LIMITED

Note: Report NO.:ATE20171776



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2483.500 | 40.53 | -3.50 | 37.03 | 74.00 | -36.97 | peak | 250 | 335 | |
| 2 | 2483.500 | 32.45 | -3.50 | 28.95 | 54.00 | -25.05 | AVG | 250 | 352 | |
| 3 | 2500.000 | 41.38 | -3.42 | 37.96 | 74.00 | -36.04 | peak | 300 | 301 | |
| 4 | 2500.000 | 34.67 | -3.42 | 31.25 | 54.00 | -22.75 | AVG | 300 | 360 | |

7. RADIATED SPURIOUS EMISSION TEST

7.1. Block Diagram of Test Setup

7.1.1. Block diagram of connection between the EUT and peripherals

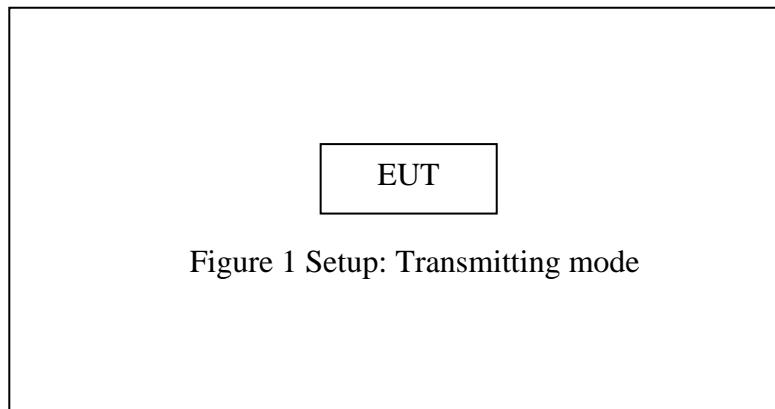
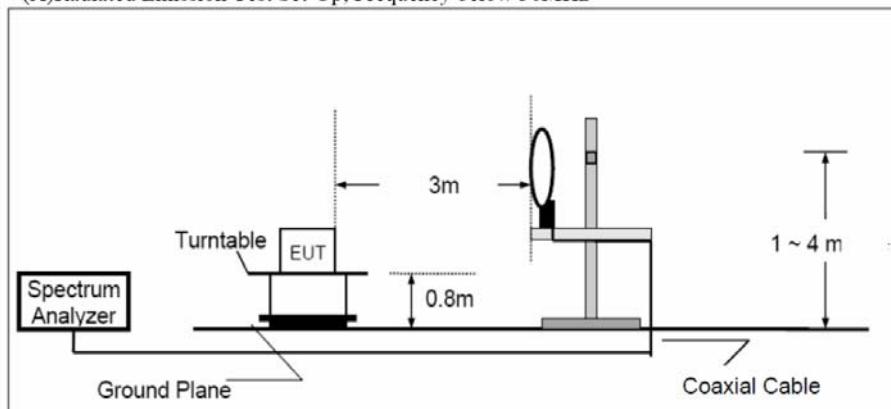


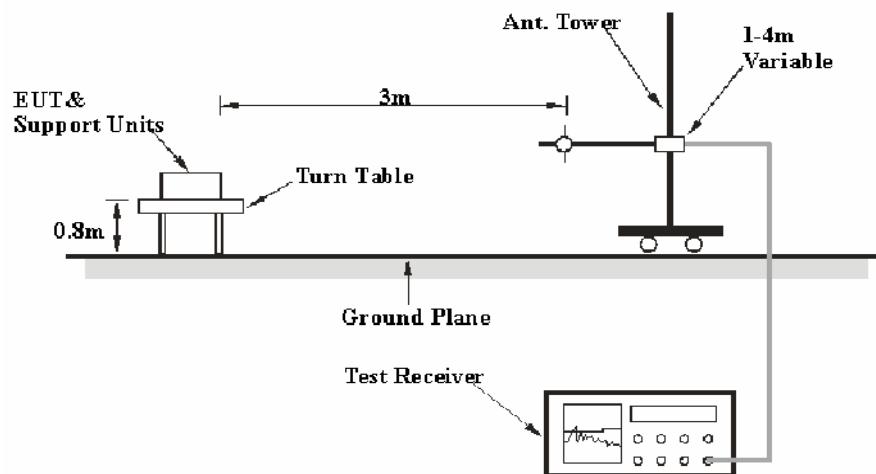
Figure 1 Setup: Transmitting mode

7.1.2. Semi-Anechoic Chamber Test Setup Diagram

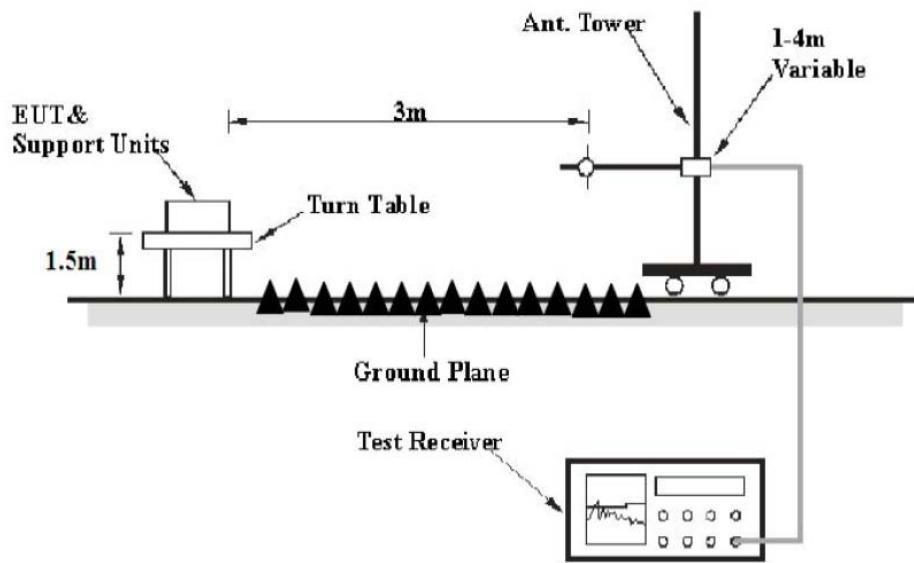
(A) Radiated Emission Test Set-Up, Frequency below 30MHz



(B) Radiated Emission Test Set-Up, Frequency 30-1000MHz



(C) Radiated Emission Test Set-Up, Frequency above 1GHz



7.2.The Limit For Section 15.249

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph A8.4(4), the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

7.3. Restricted bands of operation

7.3.1. FCC Part 15.205 Restricted bands of operation

(a) Except as shown in paragraph (d) of this section, Only spurious emissions are permitted in any of the frequency bands listed below:

| MHz | MHz | MHz | GHz |
|--------------------------|---------------------|---------------|------------------|
| 0.090-0.110 | 16.42-16.423 | 399.9-410 | 4.5-5.15 |
| ¹ 0.495-0.505 | 16.69475-16.69525 | 608-614 | 5.35-5.46 |
| 2.1735-2.1905 | 16.80425-16.80475 | 960-1240 | 7.25-7.75 |
| 4.125-4.128 | 25.5-25.67 | 1300-1427 | 8.025-8.5 |
| 4.17725-4.17775 | 37.5-38.25 | 1435-1626.5 | 9.0-9.2 |
| 4.20725-4.20775 | 73-74.6 | 1645.5-1646.5 | 9.3-9.5 |
| 6.215-6.218 | 74.8-75.2 | 1660-1710 | 10.6-12.7 |
| 6.26775-6.26825 | 108-121.94 | 1718.8-1722.2 | 13.25-13.4 |
| 6.31175-6.31225 | 123-138 | 2200-2300 | 14.47-14.5 |
| 8.291-8.294 | 149.9-150.05 | 2310-2390 | 15.35-16.2 |
| 8.362-8.366 | 156.52475-156.52525 | 2483.5-2500 | 17.7-21.4 |
| 8.37625-8.38675 | 156.7-156.9 | 2690-2900 | 22.01-23.12 |
| 8.41425-8.41475 | 162.0125-167.17 | 3260-3267 | 23.6-24.0 |
| 12.29-12.293 | 167.72-173.2 | 3332-3339 | 31.2-31.8 |
| 12.51975-12.52025 | 240-285 | 3345.8-3358 | 36.43-36.5 |
| 12.57675-12.57725 | 322-335.4 | 3600-4400 | (²) |
| 13.36-13.41 | | | |

¹Until February 1, 1999, this restricted band shall be 0.490-0.510

²Above 38.6

(b) Except as provided in paragraphs (d) and (e), the field strength of emission appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000MHz, Compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

7.4. Configuration of EUT on Measurement

The 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.

7.5.Operating Condition of EUT

7.5.1.Setup the EUT and simulator as shown as Section 7.1.

7.5.2.Turn on the power of all equipment.

7.5.3.Let the EUT work in TX modes measure it. The transmit frequency are 2420-2460 MHz. We select 2420MHz, 2460MHz TX frequency to transmit.

7.6.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter(Below 1GHz) and 1.5m(above 1GHz) 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 C63.10: 2013 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

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

The final measurement in band 9-90 kHz, 110-490 kHz 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.

RBW (120 kHz), VBW (300 kHz) for QP detector below 1GHz

Peak detector above 1GHz

RBW (1 MHz), VBW (3MHz) for Peak measurement

RBW (1 MHz), VBW (10Hz) for AV measurement

7.7.Data Sample

| Frequency(MHz) | Reading (dB μ v) | Factor (dB/m) | Result (dB μ v/m) | Limit (dB μ v/m) | Margin (dB) | Remark |
|-----------------|----------------------|---------------|-----------------------|----------------------|-------------|--------|
| X.XX | 31.47 | -15.16 | 16.31 | 40.00 | -23.69 | QP |

Frequency(MHz) = Emission frequency in MHz

Reading(dB μ v) = Uncorrected Analyzer/Receiver reading

Factor (dB/m) = Antenna factor + Cable Loss – Amplifier gain

Result(dB μ v/m) = Reading(dB μ v) + Factor(dB/m)

Limit (dB μ v/m) = Limit stated in standard

Margin (dB) = Result(dB μ v/m) - Limit (dB μ v/m)

QP = Quasi-peak Reading

Calculation Formula:

Margin(dB) = Result (dB μ V/m)–Limit(dB μ V/m)

Result(dB μ V/m)= Reading(dB μ V)+ Factor(dB/m)

The “Margin” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -7dB means the emission is 7dB below the limit.

7.8.The Field Strength of Radiation Emission Measurement Results

PASS.

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

3. The EUT is tested radiation emission at Low, Middle, High channel in three axes. The worst emissions are reported in all channels.

4. The test frequency is from 30MHz to 25GHz, The 18-25GHz emissions are not reported, because the levels are too low against the limit.

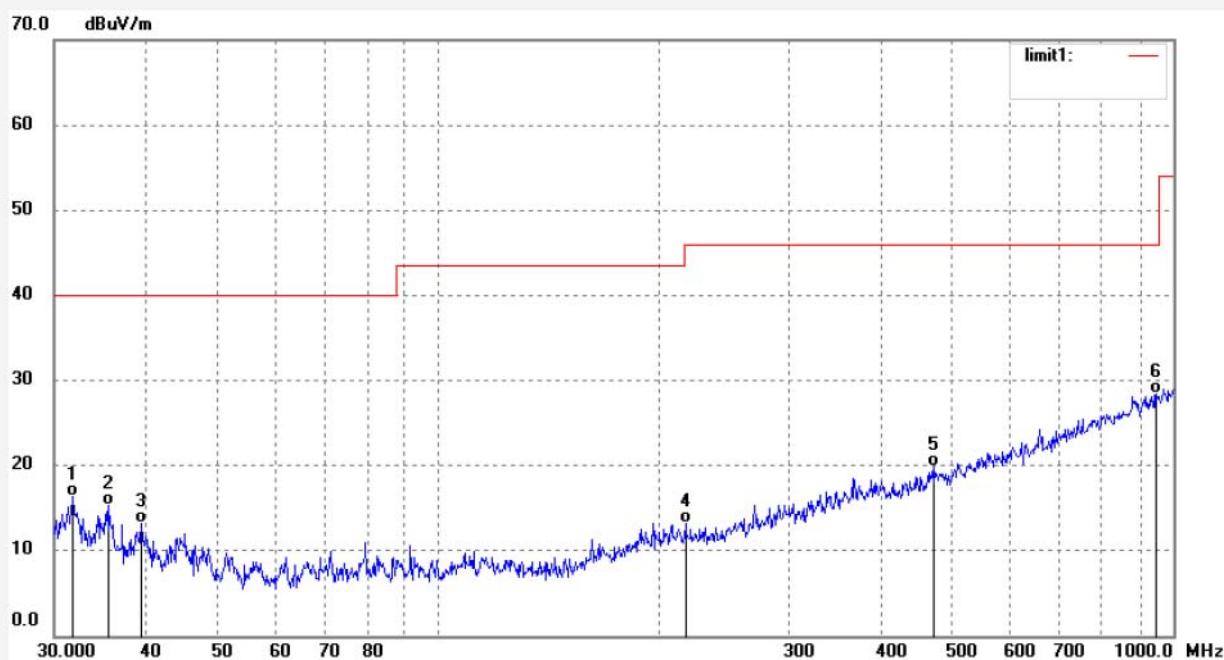


ACCURATE TECHNOLOGY CO., LTD.

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.: frank2017 #812 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 4.5V |
| Test item: Radiation Test | Date: 2017/09/15 |
| Temp. (C)/Hum.(%) 25 C / 55 % | Time: 19:31:47 |
| EUT: Video Camera Drone With LED Lights | Engineer Signature: Frank |
| Mode: TX 2420MHz | Distance: 3m |
| Model: 205981-01 | |
| Manufacturer: PURE TOY LIMITED | |
| Note: Report NO.:ATE20171776 | |



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 31.8463 | 31.47 | -15.16 | 16.31 | 40.00 | -23.69 | QP | 100 | 246 | |
| 2 | 35.6362 | 31.60 | -16.22 | 15.38 | 40.00 | -24.62 | QP | 100 | 108 | |
| 3 | 39.4587 | 31.15 | -17.87 | 13.28 | 40.00 | -26.72 | QP | 100 | 70 | |
| 4 | 216.8803 | 31.69 | -18.41 | 13.28 | 46.00 | -32.72 | QP | 100 | 38 | |
| 5 | 473.1259 | 31.19 | -11.32 | 19.87 | 46.00 | -26.13 | QP | 100 | 120 | |
| 6 | 948.6608 | 29.92 | -1.50 | 28.42 | 46.00 | -17.58 | QP | 100 | 329 | |



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.: frank2017 #811

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 4.5V

Test item: Radiation Test

Date: 2017/09/15

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

Time: 19:30:43

EUT: Video Camera Drone With LED Lights

Engineer Signature: Frank

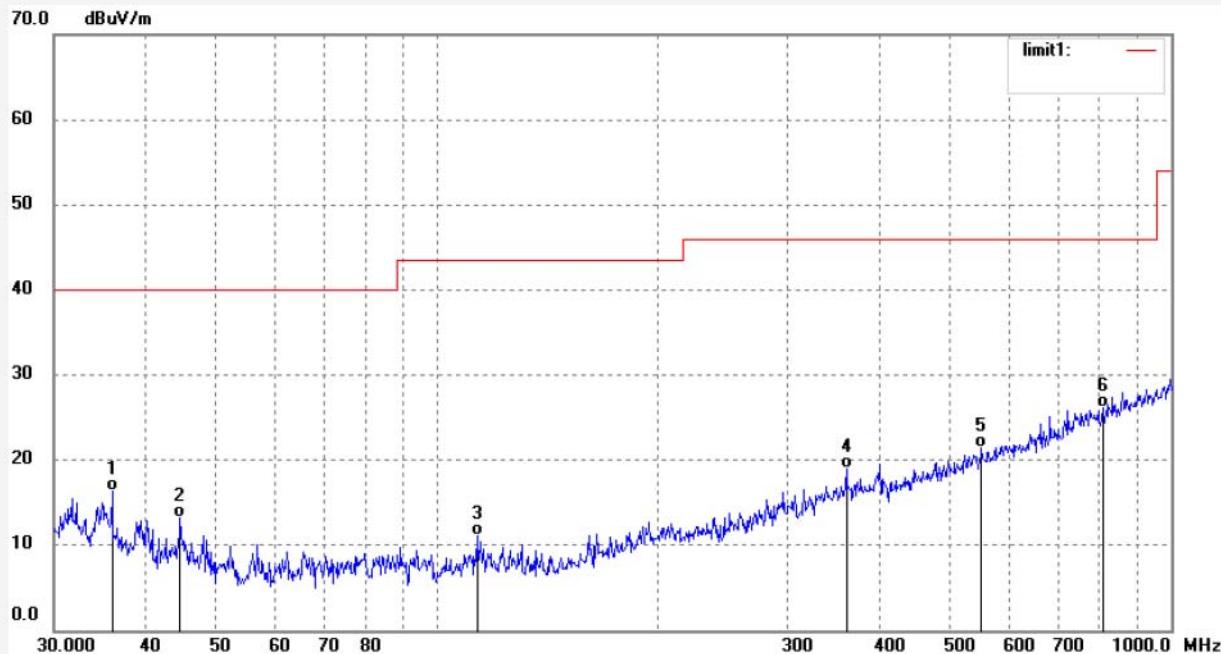
Mode: TX 2420MHz

Distance: 3m

Model: 205981-01

Manufacturer: PURE TOY LIMITED

Note: Report NO.:ATE20171776



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 36.0138 | 32.67 | -16.38 | 16.29 | 40.00 | -23.71 | QP | 100 | 28 | |
| 2 | 44.6221 | 32.09 | -18.85 | 13.24 | 40.00 | -26.76 | QP | 100 | 96 | |
| 3 | 113.2198 | 32.97 | -21.84 | 11.13 | 43.50 | -32.37 | QP | 100 | 10 | |
| 4 | 360.9775 | 32.37 | -13.44 | 18.93 | 46.00 | -27.07 | QP | 100 | 275 | |
| 5 | 552.2269 | 31.01 | -9.65 | 21.36 | 46.00 | -24.64 | QP | 100 | 180 | |
| 6 | 809.9238 | 30.19 | -3.97 | 26.22 | 46.00 | -19.78 | QP | 100 | 251 | |

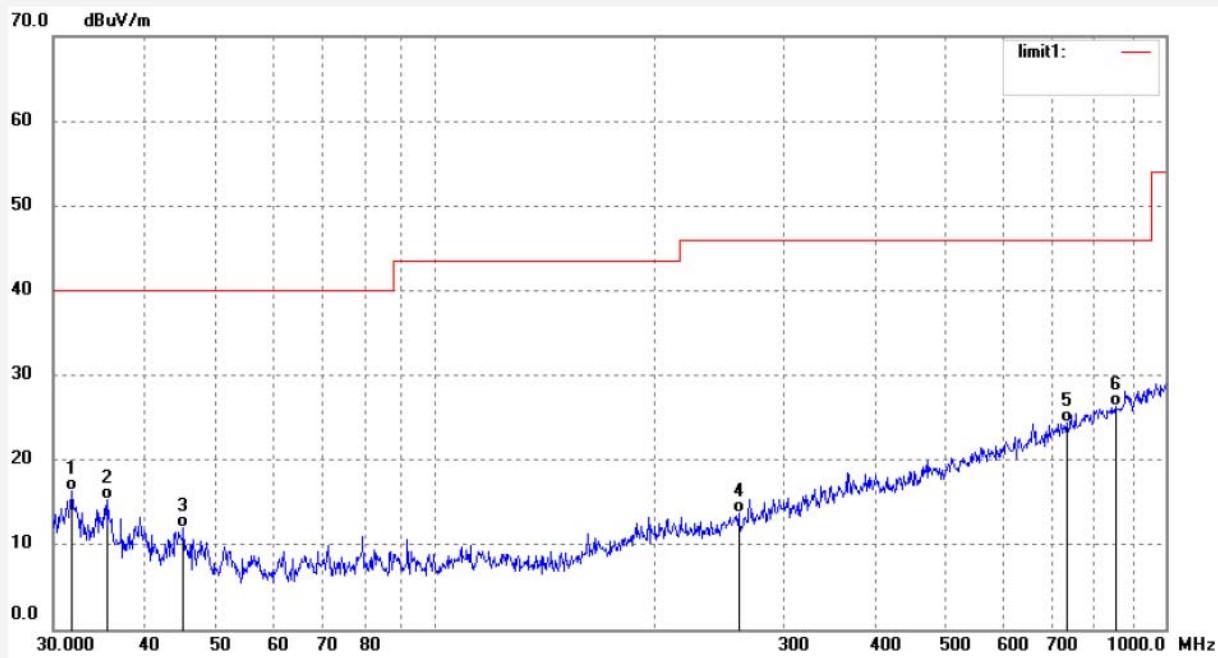


ACCURATE TECHNOLOGY CO., LTD.

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.: frank2017 #813 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 4.5V |
| Test item: Radiation Test | Date: 2017/09/15 |
| Temp.(C)/Hum.(%) 25 C / 55 % | Time: 19:31:47 |
| EUT: Video Camera Drone With LED Lights | Engineer Signature: Frank |
| Mode: TX 2440MHz | Distance: 3m |
| Model: 205981-01 | |
| Manufacturer: PURE TOY LIMITED | |
| Note: Report NO.:ATE20171776 | |



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 31.8462 | 31.47 | -15.16 | 16.31 | 40.00 | -23.69 | QP | 100 | 79 | |
| 2 | 35.6362 | 31.60 | -16.22 | 15.38 | 40.00 | -24.62 | QP | 100 | 251 | |
| 3 | 45.2536 | 31.02 | -19.01 | 12.01 | 40.00 | -27.99 | QP | 100 | 277 | |
| 4 | 260.3566 | 31.19 | -17.52 | 13.67 | 46.00 | -32.33 | QP | 100 | 301 | |
| 5 | 731.4627 | 30.00 | -5.58 | 24.42 | 46.00 | -21.58 | QP | 100 | 278 | |
| 6 | 853.7545 | 29.47 | -3.18 | 26.29 | 46.00 | -19.71 | QP | 100 | 28 | |

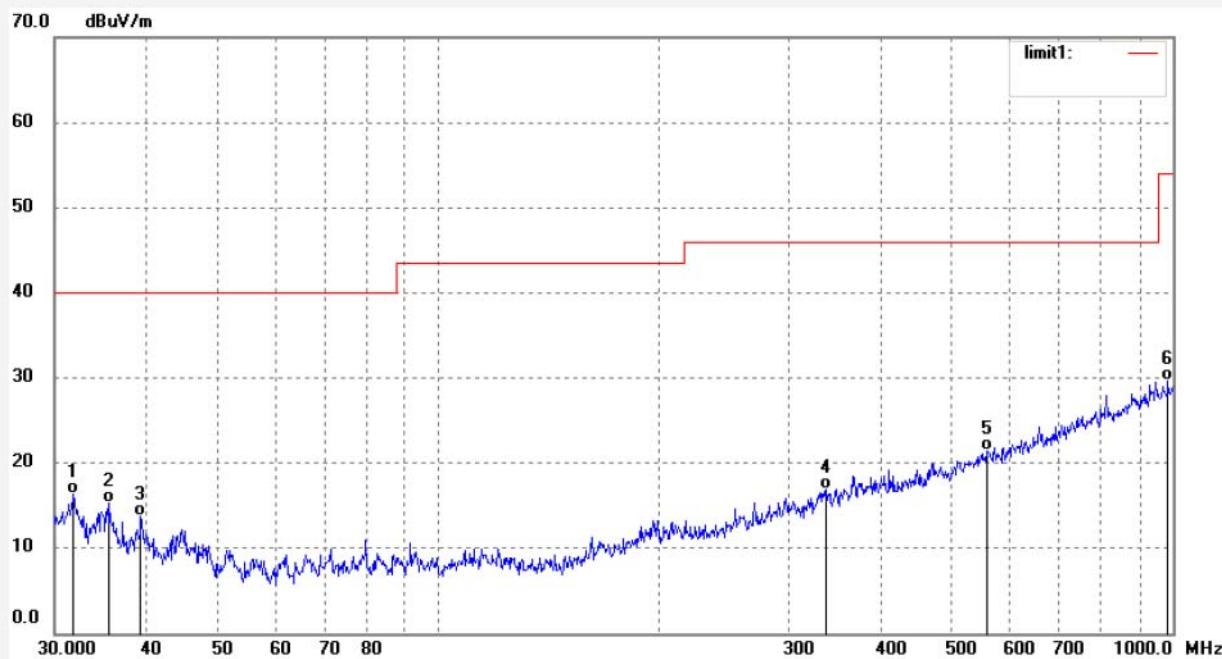


ACCURATE TECHNOLOGY CO., LTD.

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.: frank2017 #814 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: DC 4.5V |
| Test item: Radiation Test | Date: 2017/09/15 |
| Temp. (C)/Hum.(%) 25 C / 55 % | Time: 19:32:22 |
| EUT: Video Camera Drone With LED Lights | Engineer Signature: Frank |
| Mode: TX 2440MHz | Distance: 3m |
| Model: 205981-01 | |
| Manufacturer: PURE TOY LIMITED | |
| Note: Report NO.:ATE20171776 | |



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 31.8463 | 31.47 | -15.16 | 16.31 | 40.00 | -23.69 | QP | 100 | 298 | |
| 2 | 35.6362 | 31.60 | -16.22 | 15.38 | 40.00 | -24.62 | QP | 100 | 301 | |
| 3 | 39.3203 | 31.52 | -17.80 | 13.72 | 40.00 | -26.28 | QP | 100 | 189 | |
| 4 | 337.6659 | 31.19 | -14.31 | 16.88 | 46.00 | -29.12 | QP | 100 | 287 | |
| 5 | 558.0788 | 30.91 | -9.48 | 21.43 | 46.00 | -24.57 | QP | 100 | 27 | |
| 6 | 986.0439 | 30.27 | -0.54 | 29.73 | 54.00 | -24.27 | QP | 100 | 39 | |



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.: frank2017 #816

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 4.5V

Test item: Radiation Test

Date: 2017/09/15

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

Time: 19:32:57

EUT: Video Camera Drone With LED Lights

Engineer Signature: Frank

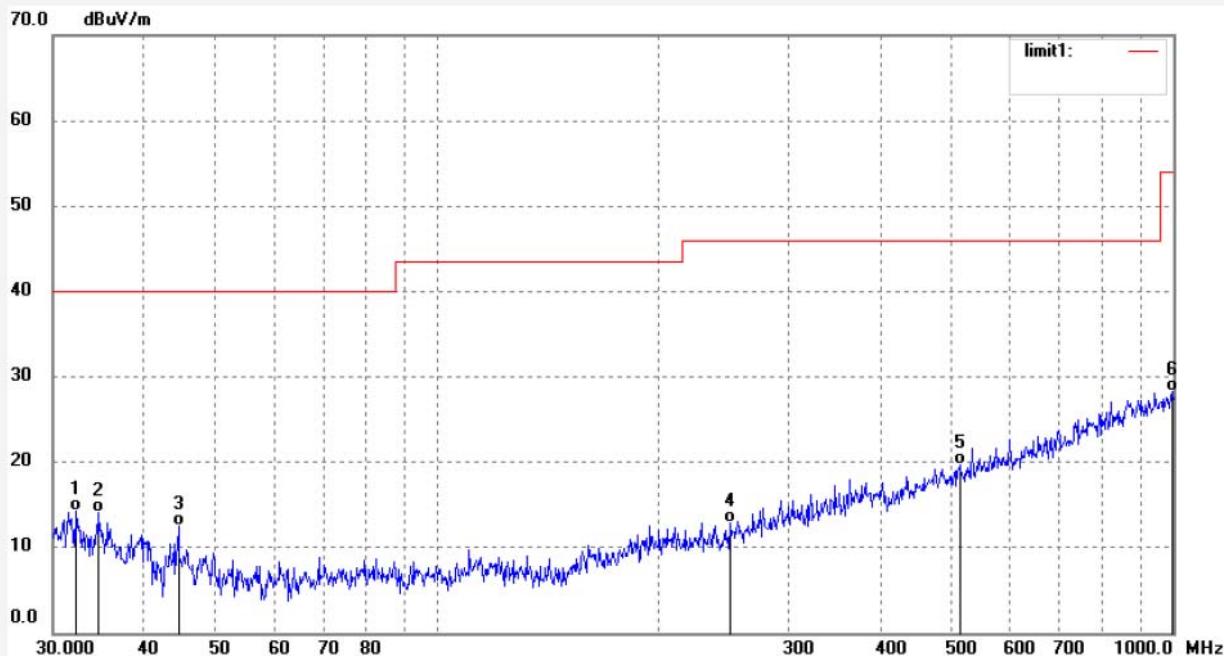
Mode: TX 2460MHz

Distance: 3m

Model: 205981-01

Manufacturer: PURE TOY LIMITED

Note: Report NO.:ATE20171776



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 32.1839 | 29.52 | -15.24 | 14.28 | 40.00 | -25.72 | QP | 100 | 76 | |
| 2 | 34.6484 | 30.01 | -15.86 | 14.15 | 40.00 | -25.85 | QP | 100 | 102 | |
| 3 | 44.4656 | 31.28 | -18.84 | 12.44 | 40.00 | -27.56 | QP | 100 | 267 | |
| 4 | 250.4858 | 30.99 | -18.10 | 12.89 | 46.00 | -33.11 | QP | 100 | 20 | |
| 5 | 512.9477 | 30.33 | -10.59 | 19.74 | 46.00 | -26.26 | QP | 100 | 198 | |
| 6 | 996.4926 | 28.59 | -0.29 | 28.30 | 54.00 | -25.70 | QP | 100 | 28 | |



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.: frank2017 #815

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 4.5V

Test item: Radiation Test

Date: 2017/09/15

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

Time: 19:32:39

EUT: Video Camera Drone With LED Lights

Engineer Signature: Frank

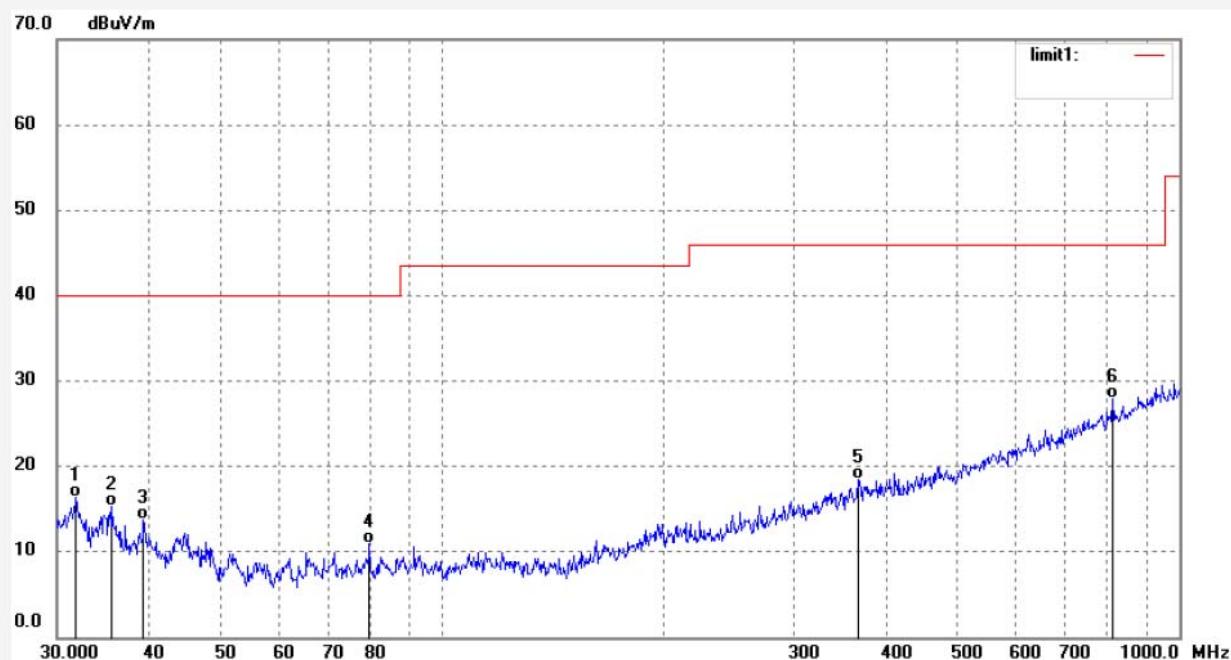
Mode: TX 2460MHz

Distance: 3m

Model: 205981-01

Manufacturer: PURE TOY LIMITED

Note: Report NO.:ATE20171776



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 31.8464 | 31.47 | -15.16 | 16.31 | 40.00 | -23.69 | QP | 100 | 88 | |
| 2 | 35.6362 | 31.60 | -16.22 | 15.38 | 40.00 | -24.62 | QP | 100 | 109 | |
| 3 | 39.3203 | 31.52 | -17.80 | 13.72 | 40.00 | -26.28 | QP | 100 | 198 | |
| 4 | 79.6764 | 32.95 | -22.02 | 10.93 | 40.00 | -29.07 | QP | 100 | 182 | |
| 5 | 366.0865 | 31.78 | -13.39 | 18.39 | 46.00 | -27.61 | QP | 100 | 91 | |
| 6 | 812.7744 | 31.91 | -3.91 | 28.00 | 46.00 | -18.00 | QP | 100 | 126 | |



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.: frank2017 #818

Polarization: Horizontal

Standard: FCC PK

Power Source: DC 4.5V

Test item: Radiation Test

Date: 2017/09/15

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

Time: 19:36:44

EUT: Video Camera Drone With LED Lights

Engineer Signature: Frank

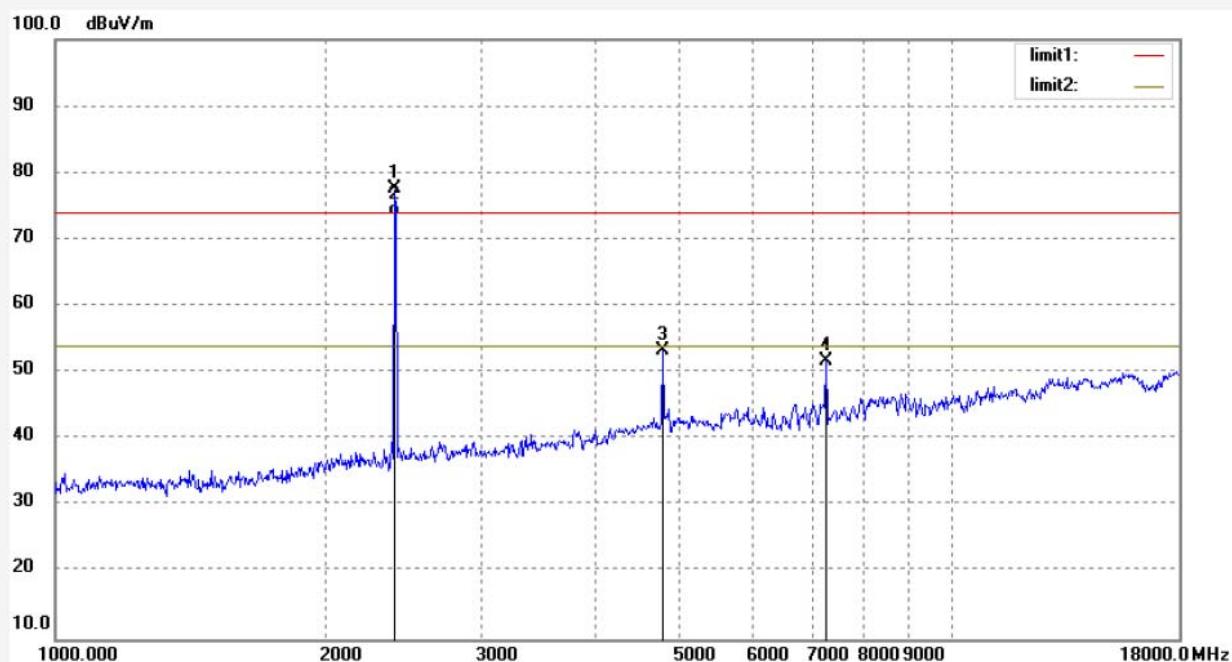
Mode: TX 2420MHz

Distance: 3m

Model: 205981-01

Manufacturer: PURE TOY LIMITED

Note: Report NO.:ATE20171776



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2420.100 | 81.50 | -3.93 | 77.57 | 114.00 | -36.43 | peak | 151 | 29 | |
| 2 | 2420.100 | 77.45 | -3.93 | 73.52 | 94.00 | -20.48 | AVG | 151 | 30 | |
| 3 | 4840.200 | 49.65 | 3.63 | 53.28 | 74.00 | -20.72 | peak | 152 | 96 | |
| 4 | 7260.300 | 42.52 | 9.11 | 51.63 | 74.00 | -22.37 | peak | 150 | 262 | |

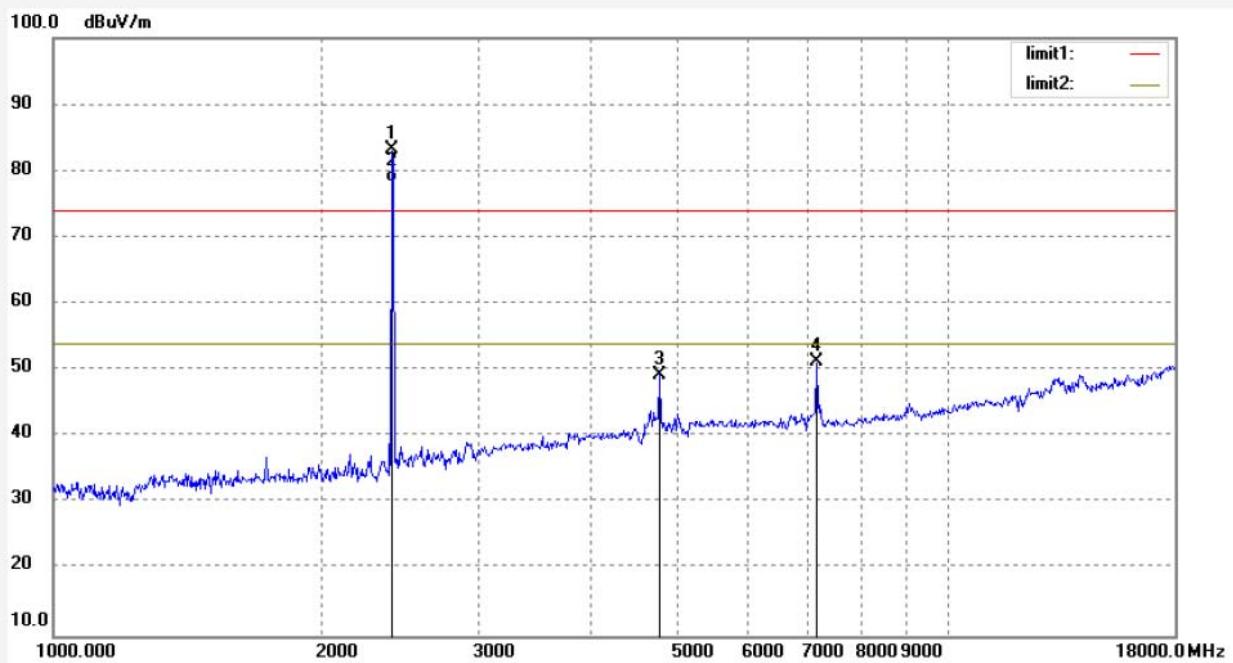


ACCURATE TECHNOLOGY CO., LTD.

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.: frank2017 #819 | Polarization: Vertical |
| Standard: FCC PK | Power Source: DC 4.5V |
| Test item: Radiation Test | Date: 2017/09/15 |
| Temp. (C)/Hum.(%) 25 C / 55 % | Time: 19:38:01 |
| EUT: Video Camera Drone With LED Lights | Engineer Signature: Frank |
| Mode: TX 2420MHz | Distance: 3m |
| Model: 205981-01 | |
| Manufacturer: PURE TOY LIMITED | |
| Note: Report NO.:ATE20171776 | |



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2420.100 | 87.26 | -3.93 | 83.33 | 114.00 | -30.67 | peak | 151 | 178 | |
| 2 | 2420.100 | 82.15 | -3.93 | 78.22 | 94.00 | -15.78 | AVG | 151 | 179 | |
| 3 | 4840.200 | 45.54 | 3.63 | 49.17 | 74.00 | -24.83 | peak | 151 | 181 | |
| 4 | 7260.300 | 42.45 | 8.92 | 51.37 | 74.00 | -22.63 | peak | 152 | 65 | |



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.: frank2017 #821

Polarization: Horizontal

Standard: FCC PK

Power Source: DC 4.5V

Test item: Radiation Test

Date: 2017/09/15

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

Time: 19:41:13

EUT: Video Camera Drone With LED Lights

Engineer Signature: Frank

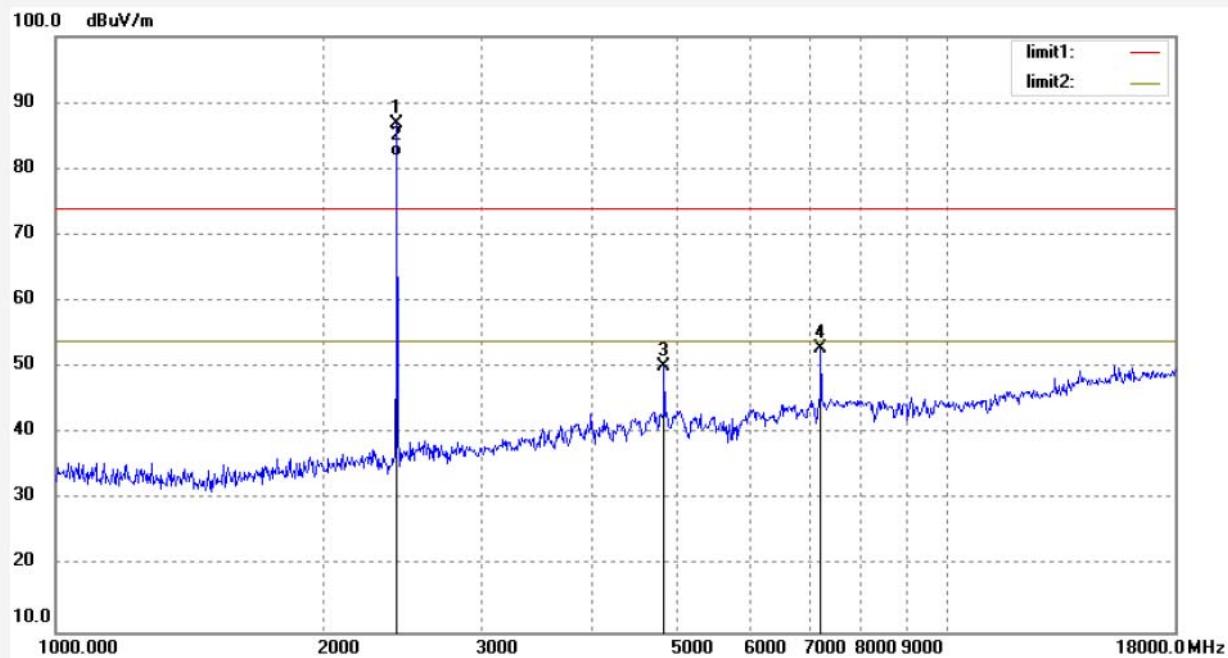
Mode: TX 2440MHz

Distance: 3m

Model: 205981-01

Manufacturer: PURE TOY LIMITED

Note: Report NO.:ATE20171776



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2440.121 | 90.62 | -3.83 | 86.79 | 114.00 | -27.21 | peak | 151 | 22 | |
| 2 | 2440.121 | 85.65 | -3.83 | 81.82 | 94.00 | -12.18 | AVG | 151 | 21 | |
| 3 | 4880.242 | 46.27 | 3.82 | 50.09 | 74.00 | -23.91 | peak | 152 | 38 | |
| 4 | 7320.366 | 43.92 | 9.03 | 52.95 | 74.00 | -21.05 | peak | 152 | 89 | |

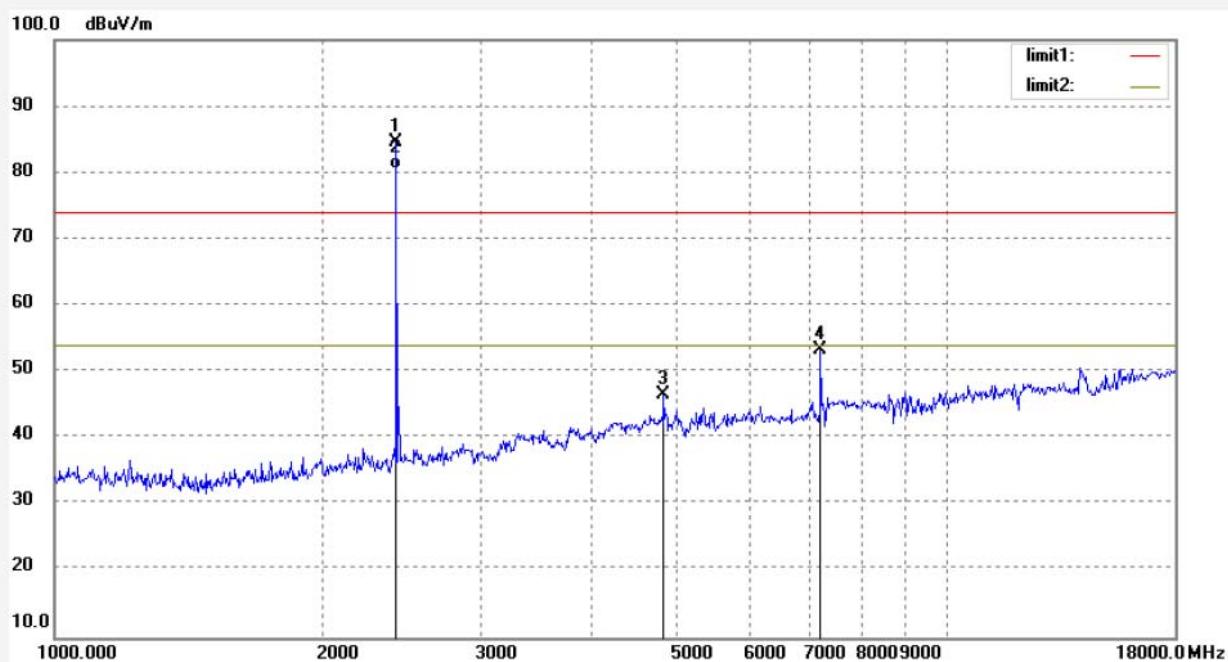


ACCURATE TECHNOLOGY CO., LTD.

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.: | frank2017 #820 | Polarization: | Vertical |
| Standard: | FCC PK | Power Source: | DC 4.5V |
| Test item: | Radiation Test | Date: | 2017/09/15 |
| Temp.(C)/Hum.(%) | 25 C / 55 % | Time: | 19:39:51 |
| EUT: | Video Camera Drone With LED Lights | Engineer Signature: | Frank |
| Mode: | TX 2440MHz | Distance: | 3m |
| Model: | 205981-01 | | |
| Manufacturer: | PURE TOY LIMITED | | |
| Note: | Report NO.:ATE20171776 | | |



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2440.121 | 88.37 | -3.83 | 84.54 | 114.00 | -29.46 | peak | 151 | 75 | |
| 2 | 2440.121 | 84.35 | -3.83 | 80.52 | 94.00 | -13.48 | AVG | 151 | 76 | |
| 3 | 4880.242 | 42.77 | 3.82 | 46.59 | 74.00 | -27.41 | peak | 152 | 267 | |
| 4 | 7320.366 | 44.22 | 9.03 | 53.25 | 74.00 | -20.75 | peak | 152 | 80 | |

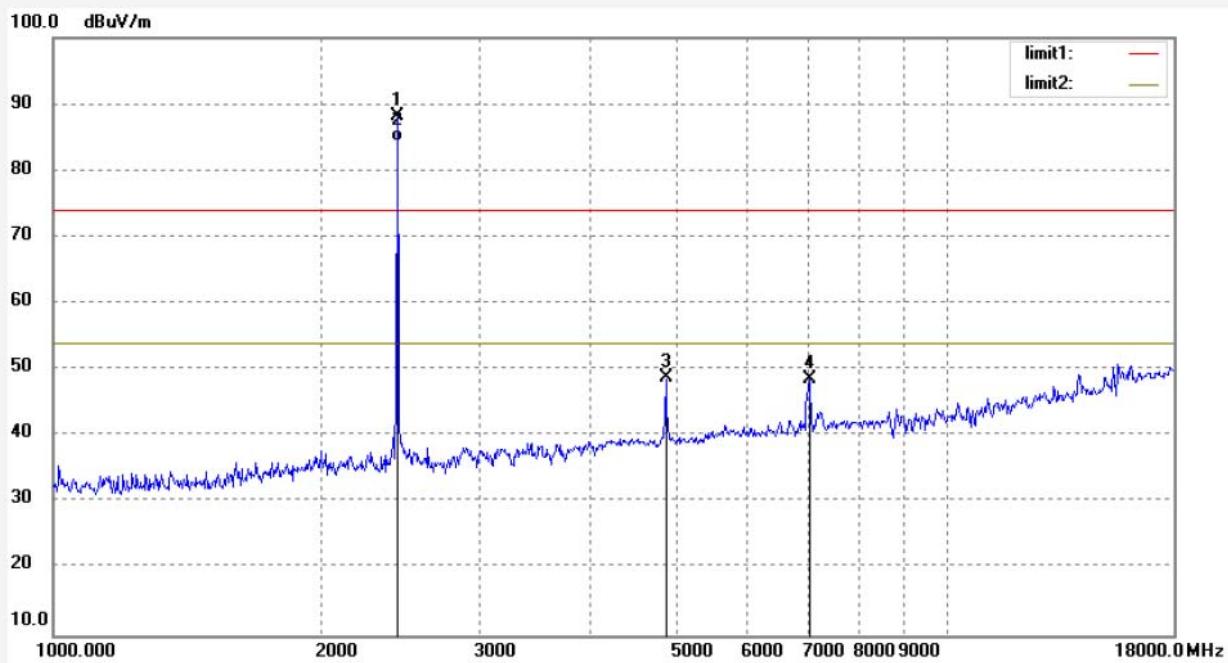


ACCURATE TECHNOLOGY CO., LTD.

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.: | frank2017 #822 | Polarization: | Horizontal |
| Standard: | FCC PK | Power Source: | DC 4.5V |
| Test item: | Radiation Test | Date: | 2017/09/15 |
| Temp. (C)/Hum.(%) | 25 C / 55 % | Time: | 19:42:44 |
| EUT: | Video Camera Drone With LED Lights | Engineer Signature: | Frank |
| Mode: | TX 2460MHz | Distance: | 3m |
| Model: | 205981-01 | | |
| Manufacturer: | PURE TOY LIMITED | | |
| Note: | Report NO.:ATE20171776 | | |



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2460.124 | 92.02 | -3.77 | 88.25 | 114.00 | -25.75 | peak | 151 | 92 | |
| 2 | 2460.124 | 88.15 | -3.77 | 84.38 | 94.00 | -9.62 | AVG | 151 | 93 | |
| 3 | 4920.557 | 44.70 | 4.00 | 48.70 | 74.00 | -25.30 | peak | 153 | 81 | |
| 4 | 7380.360 | 39.83 | 8.71 | 48.54 | 74.00 | -25.46 | peak | 152 | 182 | |



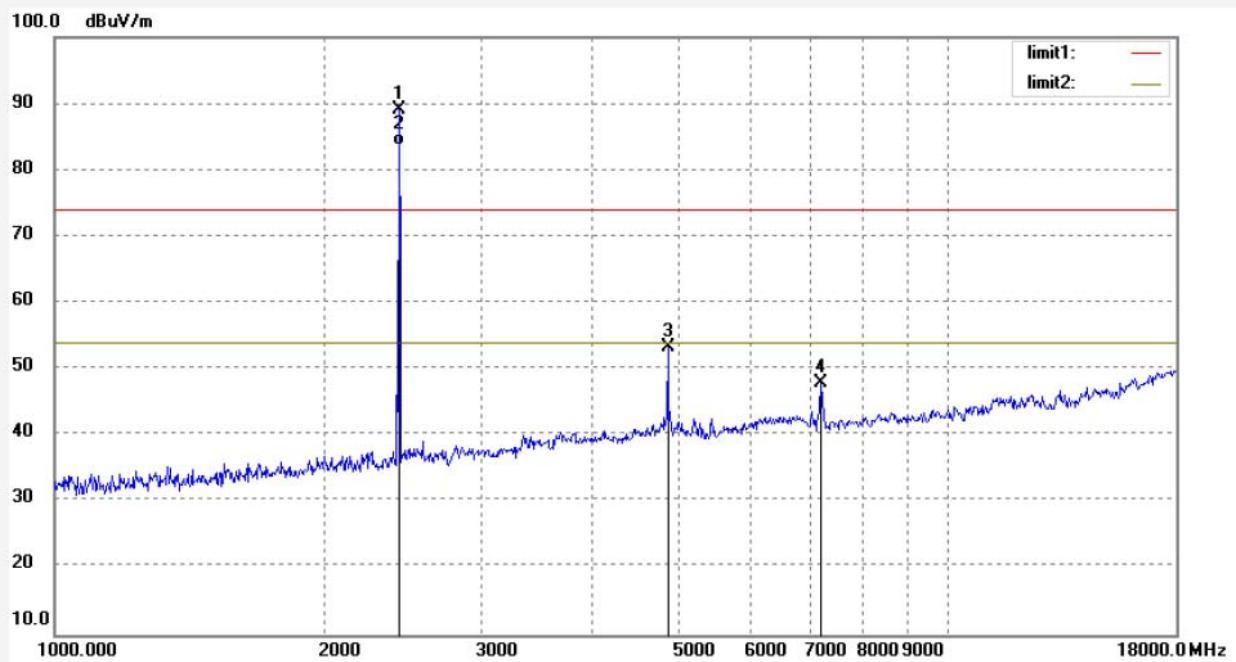
ACCURATE TECHNOLOGY CO., LTD.

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.: frank2017 #823 | Polarization: Vertical |
| Standard: FCC PK | Power Source: DC 4.5V |
| Test item: Radiation Test | Date: 2017/09/15 |
| Temp.(C)/Hum.(%) 25 C / 55 % | Time: 19:44:07 |
| EUT: Video Camera Drone With LED Lights | Engineer Signature: Frank |
| Mode: TX 2460MHz | Distance: 3m |
| Model: 205981-01 | |
| Manufacturer: PURE TOY LIMITED | |

Note: Report NO.:ATE20171776



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2460.124 | 92.89 | -3.77 | 89.12 | 114.00 | -24.88 | peak | 152 | 92 | |
| 2 | 2460.124 | 87.45 | -3.77 | 83.68 | 94.00 | -10.32 | AVG | 152 | 92 | |
| 3 | 4920.257 | 49.36 | 4.00 | 53.36 | 74.00 | -20.64 | peak | 151 | 219 | |
| 4 | 7380.360 | 38.85 | 9.00 | 47.85 | 74.00 | -26.15 | peak | 151 | 206 | |

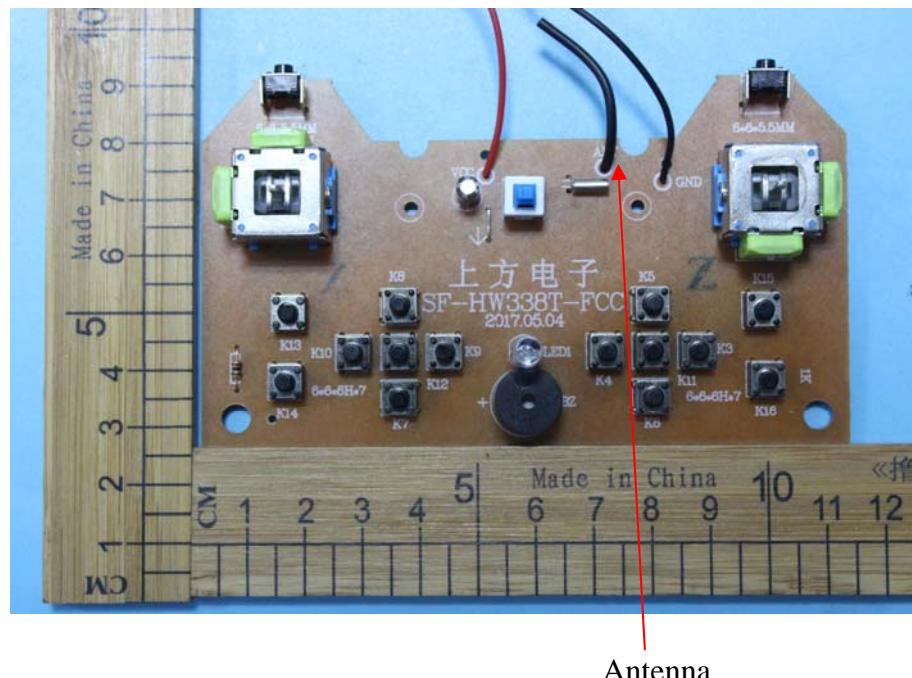
8. ANTENNA REQUIREMENT

8.1. The Requirement

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

8.2. Antenna Construction

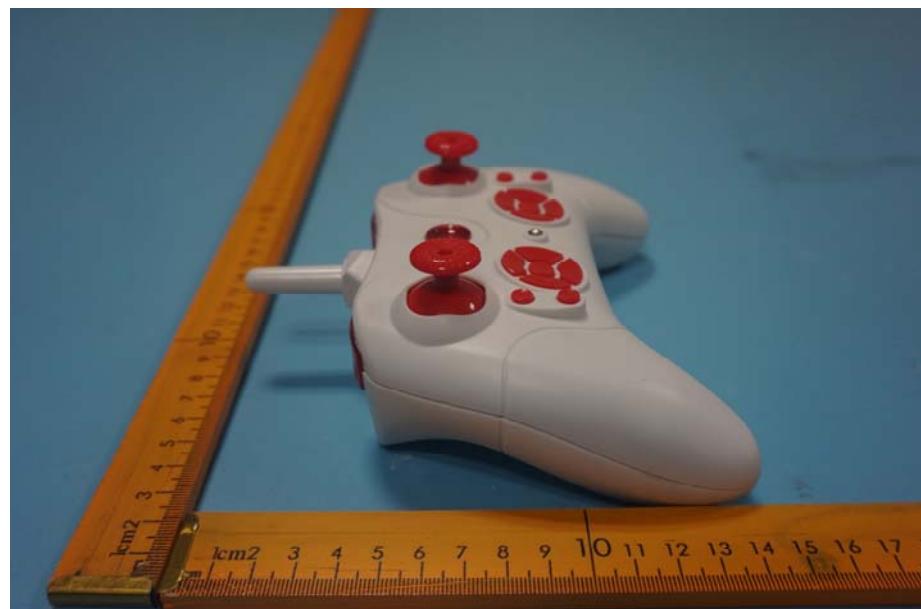
Device is equipped with permanent attached antenna, which isn't displaced by other antenna. The Antenna gain of EUT is 1dBi. Therefore, the equipment complies with the antenna requirement of Section 15.203.



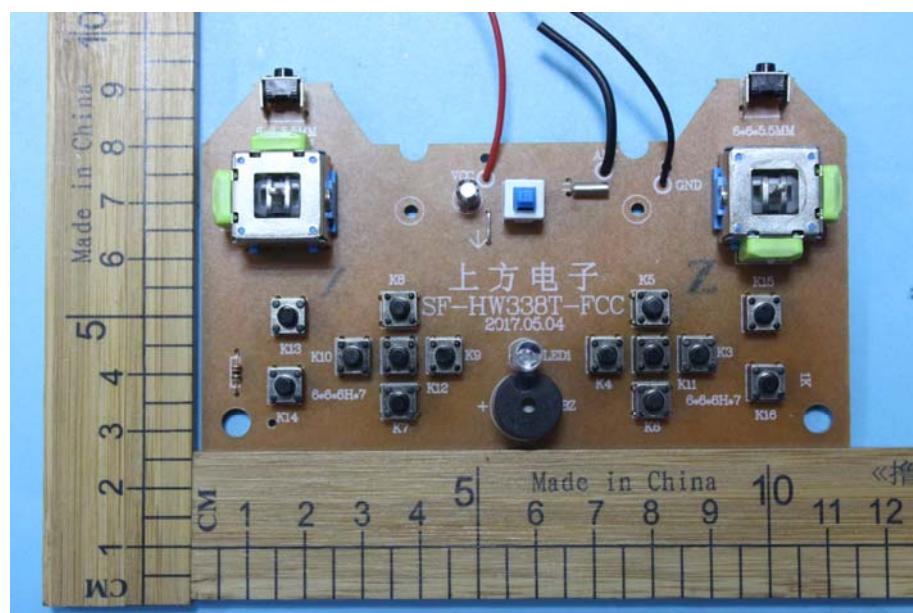
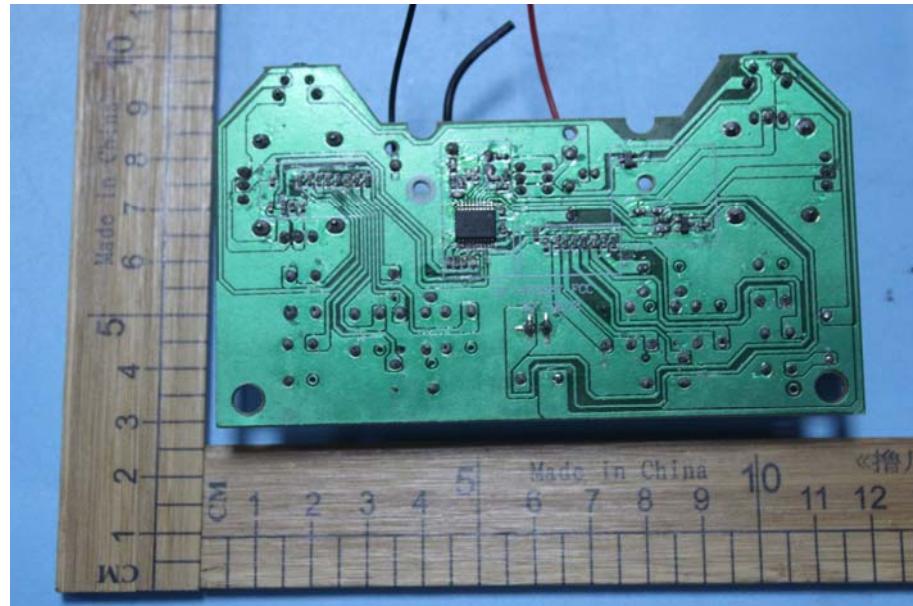
9. PHOTO OF EUT











----- THE END OF TEST REPORT -----