



# TEST REPORT

## FCC ID: 2AHW73AXISCAMERA

Applicant : Guilin Feiyu Technology Incorporated Company  
Address : 3rd Floor, B, Guilin Electric Valley, Innovation Building, Information Industry Park, ChaoYang Road, Qi Xing District, China

Equipment Under Test(EUT):

Name : 3-Axis Stabilized Handheld Camera  
Model : Summon

In Accordance with: FCC PART 15, SUBPART C : 2015 (Section 15.247)  
ANSI C63.4:2014 ; ANSI C63.10:2013

**Report No** : T1860954 02  
**Date of Test** : May 30- August 28, 2016  
**Date of Issue** : August 30, 2016

**Test Result** : PASS

Test Result: **PASS**

In the configuration tested, the EUT complied with the standards specified above

Authorized Signature

(Mark Zhu)

General Manager

The manufacture should ensure that all the products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of Shenzhen Alpha Product Testing Co., Ltd. Or test done by Shenzhen Alpha Product Testing Co., Ltd. Approvals in connection with, distribution or use of the product described in this report must be approved by Shenzhen Alpha Product Testing Co., Ltd. Approvals in writing.

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# 1 General Information

## 1.1 Description of Device (EUT)

Trade Name : **FeiyuTech**

EUT : 3-Axis Stabilized Handheld Camera

Model No. : Summon

DIFF : N/A

Antenna Type : Integrated Antenna, Maximum Gain is 0dBi

Operation Frequency : IEEE 802.11b/g: 2412MHz-2462MHz  
IEEE 802.11n HT20: 2412MHz-2462MHz  
IEEE 802.11n HT40: 2422MHz-2452MHz  
IEEE 802.11b/g: 11 Channels

Channel number : IEEE 802.11n HT20: 11 Channels  
IEEE 802.11n HT40: 7 Channels  
IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK)

Modulation type : IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK)  
IEEE 802.11n :OFDM(64QAM, 16QAM, QPSK, BPSK)

Power Supply : DC 3.7V from battery or DC 5V from USB port for charging

Applicant : Guilin Feiyu Technology Incorporated Company

Address : 3rd Floor, B,Guilin Electric Valley, Innovation Building, Information Industry Park , ChaoYang Road ,Qi Xing District , China

Manufacturer : Guilin Feiyu Technology Incorporated Company

Address : 3rd Floor, B,Guilin Electric Valley, Innovation Building, Information Industry Park , ChaoYang Road ,Qi Xing District , China

## 1.2 Description of Test Facility

Shenzhen Alpha Product Testing Co., Ltd  
Building B, East Area of Nanchang Second, Industrial Zone, Gushu 2nd Road,  
Bao'an, Shenzhen, China

March 25, 2015 File on Federal Communication Commission  
Registration Number: 203110

July 18, 2014 Certificated by IC  
Registration Number: 12135A

## 2 EMC Equipment List

| Equipment                        | Manufacture | Model No.   | Serial No.           | Last cal.<br>Due to | Cal Interval |
|----------------------------------|-------------|-------------|----------------------|---------------------|--------------|
| 3m<br>Semi-Anechoic              | CHENYU      | N/A         | N/A                  | 2018.01.18          | 2Year        |
| Spectrum analyzer                | Agilent     | E4407B      | MY46185649           | 2017.01.16          | 1Year        |
| Receiver                         | R&S         | ESPI        | 101873               | 2017.01.16          | 1Year        |
| Receiver                         | R&S         | ESCI        | 101165               | 2017.01.16          | 1Year        |
| Bilog Antenna                    | SCHWARZBECK | VULB 9168   | VULB9168-438         | 2018.01.18          | 2Year        |
| Horn Antenna                     | SCHWARZBECK | BBHA 9120 D | BBHA 9120<br>D(1201) | 2017.01.20          | 2Year        |
| Cable                            | Resenberger | N/A         | No.1                 | 2017.01.16          | 1Year        |
| Cable                            | SCHWARZBECK | N/A         | No.2                 | 2017.01.16          | 1Year        |
| Cable                            | SCHWARZBECK | N/A         | No.3                 | 2017.01.16          | 1Year        |
| Pre-amplifier                    | HP          | HP8347A     | 2834A00455           | 2017.01.18          | 1Year        |
| Pre-amplifier                    | Agilent     | 8449B       | 3008A02664           | 2017.01.18          | 1Year        |
| vector Signal<br>Generator       | Agilent     | N5182A      | MY49060042           | 2016.11.16          | 1 Year       |
| vector Signal<br>Generator       | Agilent     | E4438C      | US44271917           | 2016.11.16          | 1 Year       |
| X-series USB<br>Peak and Average | Agilent     | U2021XA     | MY54080020           | 2016.11.16          | 1 Year       |

|                                            |               |          |            |            |        |
|--------------------------------------------|---------------|----------|------------|------------|--------|
| Power Sensor                               |               |          |            |            |        |
| X-series USB Peak and Average Power Sensor | Agilent       | U2021XA  | MY54110001 | 2016.11.16 | 1 Year |
| Signal Analyzer                            | Agilent       | N9020A   | MY48030494 | 2016.11.16 | 1 Year |
| L.I.S.N.#1                                 | Schwarzbeck   | NSLK8126 | 8126466    | 2017.01.16 | 1 Year |
| L.I.S.N.#2                                 | ROHDE&SCHWARZ | ENV216   | 101043     | 2017.01.16 | 1 Year |

### 3 Test Procedure

**POWER LINE CONDUCTED INTERFERENCE:** The test procedure used was ANSI Standard ANSI C63.10:2013 using a 50 u H LISN. Both Lines were observed. The bandwidth of the receiver was 10kHz with an appropriate sweep speed. The ambient temperature of the EUT was 25°C with a humidity of 58%.

**RADIATION INTERFERENCE:** The test procedure used was ANSI Standard ANSI C63.10:2013 using a ANRITSU spectrum analyzer with a pre-selector. The analyzer was calibrated in dB above a micro volt at the output of the antenna. The resolution bandwidth was 100kHz and the video bandwidth was 300 kHz up to 1 GHz and 1 MHz with a video BW of 3MHz above 1 GHz. The ambient temperature of the EUT was 25°C with a humidity of 58%.

**FORMULA OF CONVERSION FACTORS:** The Field Strength at 3m was established by adding the meter reading of the spectrum analyzer (which is set to read in units of dBuV) to the antenna correction factor supplied by the antenna manufacturer and cable loss. The antenna correction factors and cable loss are stated in terms of dB. The gain of the Pre-selector was accounted for in the Spectrum Analyzer Meter Reading.

Example:

Freq (MHz) METER READING + ACF + CABLE = FS

33.20 dBuV + 10.36 dB + 0.9 dB= 44.46 dBuV/m @ 3m

**ANSI STANDARD ANSI C63.10:2013 MEASUREMENT PROCEDURES:** The EUT was placed on a table 80 cm high and with dimensions of 1m by 1.5m. The EUT was placed in the center of the table (1.5m side). The table used for radiated measurements is capable of continuous rotation. When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes. The situation was similar for the conducted measurement except that the table did not rotate. The EUT was setup as described in ANSI Standard ANSI C63.10:2013 with the EUT 40 cm from the vertical ground wall.

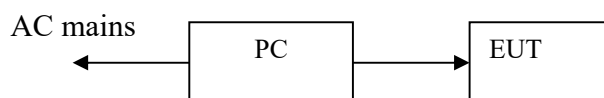
## 4 Summary of Measurement

### 4.1 Summary of test result

| Test Item           | Test Requirement | Standards Paragraph   | Result     |
|---------------------|------------------|-----------------------|------------|
| Spurious Emission   | FCC PART 15:2015 | Section 15.247&15.209 | Compliance |
| Conduction Emission | FCC PART 15:2015 | Section 15.207        | Compliance |
| Bandwidth Test      | FCC PART 15:2015 | Section 15.247        | Compliance |
| Peak Power          | FCC PART 15:2015 | Section 15.247        | Compliance |
| Power Density       | FCC PART 15:2015 | Section 15.247        | Compliance |
| Band Edge           | FCC PART 15:2015 | Section 15.247        | Compliance |
| Antenna Requirement | FCC PART 15:2015 | Section 15.203        | Compliance |

Note: The EUT has been tested as an independent unit. And Continual Transmitting in maximum power, Test had been referenced to the kdb 558074 D01 DTS Meas Guidance v03r04 .

## 4.2 Test connection



## 4.3 Assistant equipment used for test

Description : N/A  
 Manufacturer : N/A  
 Model No. : N/A  
 Input : N/A  
 Output : N/A

## 4.4 Test mode

| Dutycycle :100%<br>Keeping TX                                                                                                       |                               |             |                    |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------|--------------------|
| Mode                                                                                                                                | data rate<br>(Mbps)(see Note) | Channel     | Frequency<br>(MHz) |
| IEEE 802.11b                                                                                                                        | 1                             | Low :CH1    | 2412               |
|                                                                                                                                     | 1                             | Middle: CH6 | 2437               |
|                                                                                                                                     | 1                             | High: CH11  | 2462               |
| IEEE 802.11g                                                                                                                        | 6                             | Low :CH1    | 2412               |
|                                                                                                                                     | 6                             | Middle: CH6 | 2437               |
|                                                                                                                                     | 6                             | High: CH11  | 2462               |
| IEEE 802.11<br>n/HT20 with 2.4G                                                                                                     | 6.5                           | Low :CH1    | 2412               |
|                                                                                                                                     | 6.5                           | Middle: CH6 | 2437               |
|                                                                                                                                     | 6.5                           | High: CH11  | 2462               |
| IEEE 802.11<br>n/HT40 with 2.4G                                                                                                     | 13.5                          | Low :CH3    | 2422               |
|                                                                                                                                     | 13.5                          | Middle:CH6  | 2437               |
|                                                                                                                                     | 13.5                          | High:CH9    | 2452               |
| Note: According exploratory test, EUT will have maximum output power in those data rate. so those data rate were used for all test. |                               |             |                    |

#### 4.5 Channel list

| For IEEE 802.11b/g and IEEE 802.11n/HT20 with 2.4G |                 |         |                 |         |                 |
|----------------------------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                                            | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| CH1                                                | 2412            | CH5     | 2432            | CH9     | 2452            |
| CH2                                                | 2417            | CH6     | 2437            | CH10    | 2457            |
| CH3                                                | 2422            | CH7     | 2442            | CH11    | 2462            |
| CH4                                                | 2427            | CH8     | 2447            |         |                 |

| For IEEE 802.11n/HT40 with 2.4G |                 |         |                 |         |                 |
|---------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                         | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| CH1                             | /               | CH5     | 2432            | CH9     | 2452            |
| CH2                             | /               | CH6     | 2437            | /       | /               |
| CH3                             | 2422            | CH7     | 2442            | /       | /               |
| CH4                             | 2427            | CH8     | 2447            | /       | /               |

#### 4.6 Test Conditions

|                   |           |
|-------------------|-----------|
| Temperature range | 21-25°C   |
| Humidity range    | 40-75%    |
| Pressure range    | 86-106kPa |

#### 4.7 Measurement Uncertainty (95% confidence levels, k=2)

| Item                                                                  | MU      | Remark      |
|-----------------------------------------------------------------------|---------|-------------|
| Uncertainty for Power point Conducted Emissions Test                  | 2.71dB  |             |
| Uncertainty for Radiation Emission test in 3m chamber (30MHz to 1GHz) | 3.90 dB | Polarize: V |
|                                                                       | 3.92dB  | Polarize: H |
| Uncertainty for Radiation Emission test in 3m chamber (1GHz to 25GHz) | 4.26 dB | Polarize: H |
|                                                                       | 4.28 dB | Polarize: V |
| Uncertainty for conducted RF Power                                    | 0.16dB  |             |

## 5 Spurious Emission

### 5.1 Radiation Emission

#### 5.1.1 Radiation Emission Limits(15.209)

| Frequencies<br>(MHz) | Field Strength<br>(micorvolts/meter) | Measurement Distance<br>(meters) |
|----------------------|--------------------------------------|----------------------------------|
| 0.009~0.490          | 2400/F(KHz)                          | 300                              |
| 0.490~1.705          | 24000/F(KHz)                         | 30                               |
| 1.705~30.0           | 30                                   | 30                               |
| 30~88                | 100                                  | 3                                |
| 88~216               | 150                                  | 3                                |
| 216~960              | 200                                  | 3                                |
| Above 960            | 500                                  | 3                                |

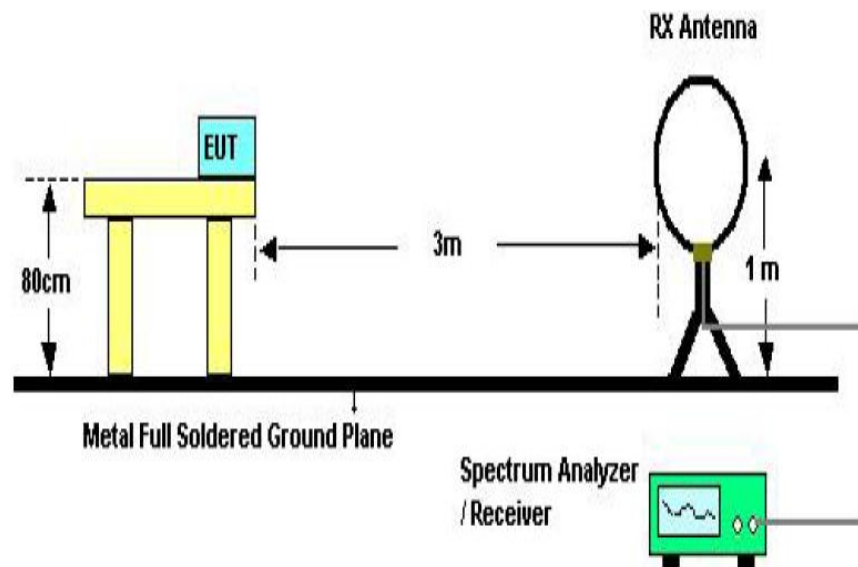
Harmonic emissions limits comply with below 54 dBuV/m at 3m. Other emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or comply with the radiated emissions limits specified in section 15.209(a) limit in the table below has to be followed.

**NOTE:**

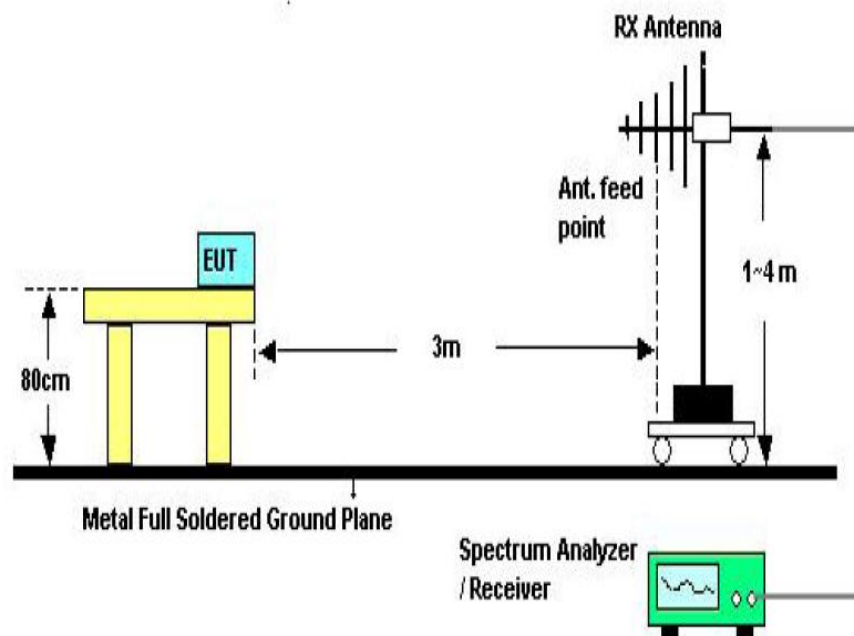
- a) The tighter limit applies at the band edges.
- b)  $\text{Emission Level(dB uV/m)} = 20 \log \text{Emission Level(uv/m)}$

#### 5.1.2 Test Setup

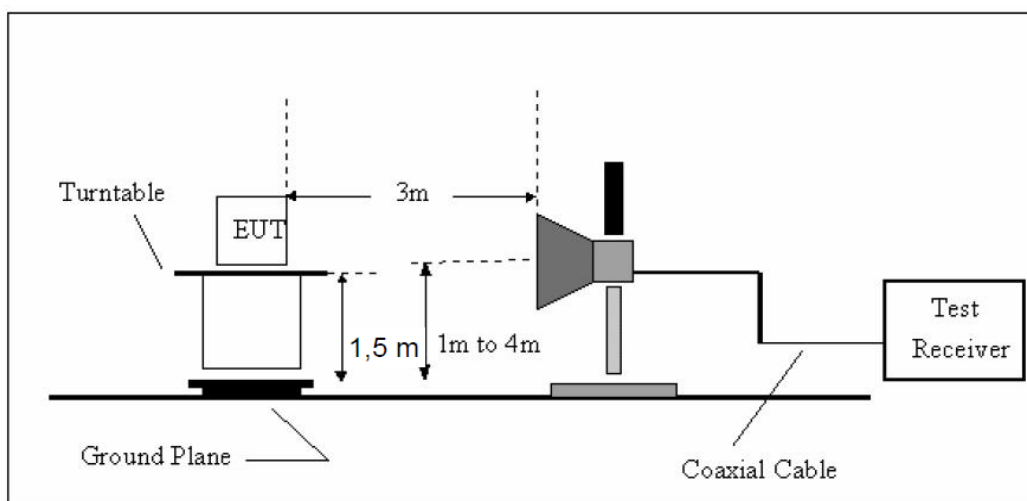
See the next page



Below 30MHz Test Setup



Above 30MHz Test Setup



Above 1GHz Test Setup

### 5.1.3 Test Procedure

- The measuring distance of 3m shall be used for measurements at frequency up to 1GHz and above 1GHz, The EUT was placed on a rotating 0.8 m high above ground for below 1GHz and 1.5m high for above 1GHz testing, The table was rotated 360 degrees to determine the position of the highest radiation
- The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set of make measurement.
- The initial step in collecting conducted emission data is a spectrum analyzer Peak detector mode pre-scanning the measurement frequency range. Significant Peaks are then marked. and then Qusia Peak Detector mode premeasured
- If Peak value comply with QP limit Below 1GHz. The EUT deemed to comply with QP limit. But the Peak value and average value both need to comply with applicable limit above 1GHz.
- For the actual test configuration, please see the test setup photo.

### 5.1.4 Test Equipment Setting For emission test Result

|              |            |            |
|--------------|------------|------------|
| 9KHz~150KHz  | RBW 200Hz  | VBW 1KHz   |
| 150KHz~30MHz | RBW 9KHz   | VBW 30KHz  |
| 30MHz~1GHz   | RBW 120KHz | VBW 300KHz |
| Above 1GHz   | RBW 1MHz   | VBW 3MHz   |

#### 5.1.5 Test Condition

Continual Transmitting in maximum power.

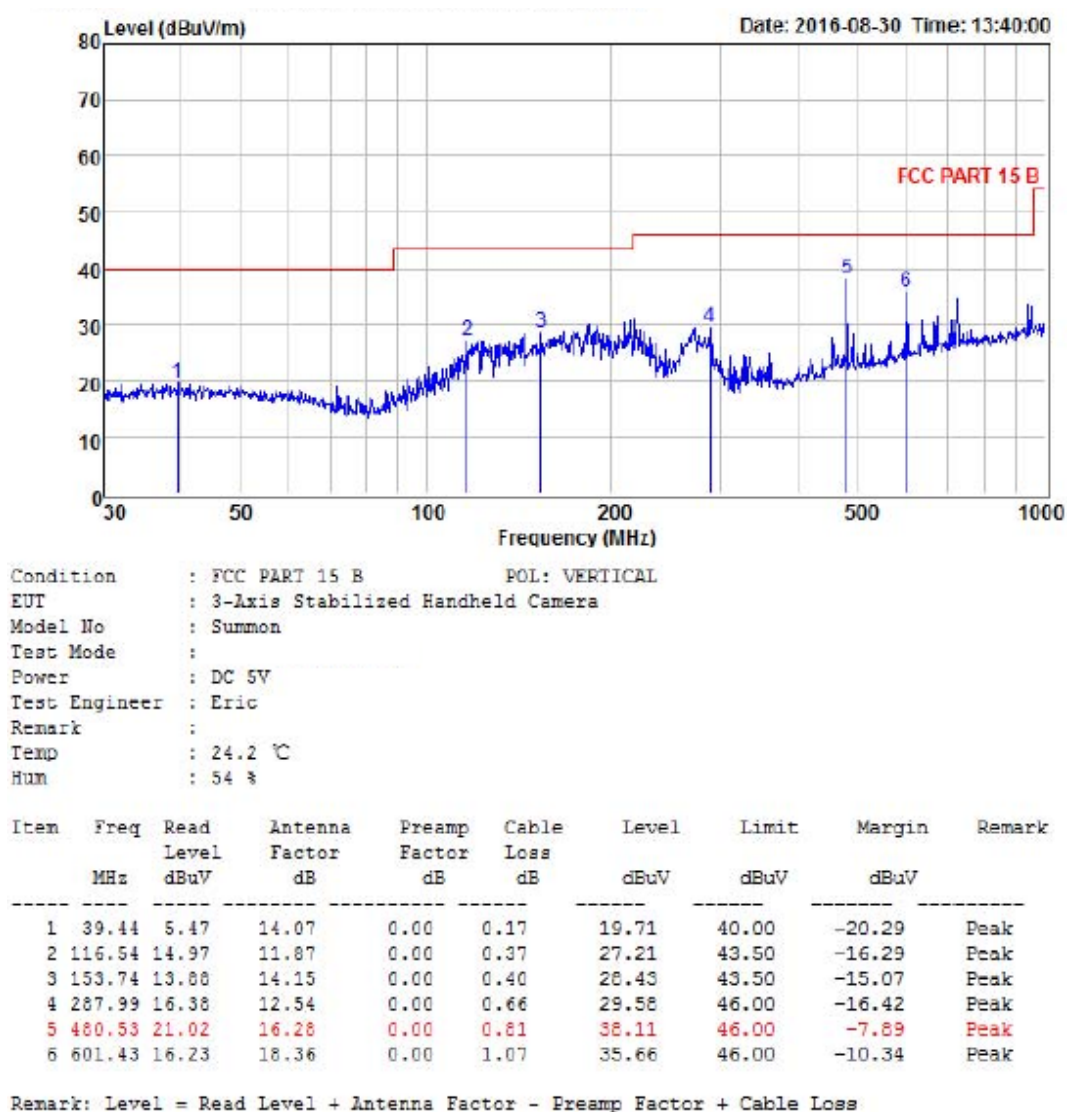
#### 5.1.6 Test Result

We have scanned the 9KHz from 25GHz to the EUT.  
Detailed information please see the following page.

From 9KHz to 30MHz:      Conclusion: PASS

Note: The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.





IEEE 802.11b

From 1G-25GHz

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX Low                            |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1103        | V            | 43.59               | ---               | -11.24            | 32.35         | ---         | 74                  | 54                | 41.65       | Peak   |
| 4824        | V            | 35.97               | ---               | 0.64              | 36.61         | ---         | 74                  | 54                | 37.39       | Peak   |
| N/A         |              |                     |                   |                   |               |             |                     |                   |             |        |

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX Low                            |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1103        | H            | 43.11               | ---               | -11.24            | 31.87         | ---         | 74                  | 54                | 42.13       | Peak   |
| 4824        | H            | 35.7                | ---               | 0.64              | 36.34         | ---         | 74                  | 54                | 37.66       | Peak   |
| N/A         |              |                     |                   |                   |               |             |                     |                   |             |        |

**Notes:** AV Means AV detector test data, Peak Means Peak detector test data.

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

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX Mid                            |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1103        | V            | 42.56               | ---               | -11.24            | 31.32         | ---         | 74                  | 54                | 42.68       | Peak   |
| 4874        | V            | 38.3                | ---               | 0.76              | 39.06         | ---         | 74                  | 54                | 34.94       | Peak   |

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX Mid                            |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1103        | H            | 42.72               | ---               | -11.24            | 31.48         | ---         | 74                  | 54                | 42.52       | Peak   |
| 4874        | H            | 39.3                | ---               | 0.76              | 40.06         | ---         | 74                  | 54                | 33.94       | Peak   |

**Notes:** AV Means AV detector test data, Peak Means Peak detector test data.

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

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX High                           |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1103        | V            | 42.51               | ---               | -11.24            | 31.27         | ---         | 74                  | 54                | 42.73       | Peak   |
| 4924        | V            | 33.93               | ---               | 0.87              | 34.8          | ---         | 74                  | 54                | 39.2        | Peak   |

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX High                           |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1103        | H            | 42.92               | ---               | -11.24            | 31.68         | ---         | 74                  | 54                | 42.32       | Peak   |
| 4924        | H            | 32.77               | ---               | 0.87              | 33.64         | ---         | 74                  | 54                | 40.36       | Peak   |

**Notes:** AV Means AV detector test data, Peak Means Peak detector test data.

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

IEEE 802.11 g:

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX Low                            |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1145        | V            | 43.39               | ---               | -11.24            | 32.15         | ---         | 74                  | 54                | 41.85       | Peak   |
| 2586        | V            | 45.46               | ---               | -7.13             | 38.33         | ---         | 74                  | 54                | 35.67       | Peak   |
| 3062        | V            | 43.52               | ---               | -5.74             | 37.78         | ---         | 74                  | 54                | 36.22       | Peak   |
| 4824        | V            | 43.12               | ---               | 0.64              | 43.76         | ---         | 74                  | 54                | 30.24       | Peak   |
| N/A         |              |                     |                   |                   |               |             |                     |                   |             |        |

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX Low                            |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1294        | H            | 42.73               | ---               | -10.96            | 31.77         | ---         | 74                  | 54                | 42.23       | Peak   |
| 2038        | H            | 42.92               | ---               | -8.58             | 34.34         | ---         | 74                  | 54                | 39.66       | Peak   |
| 3483        | H            | 41.82               | ---               | -4.95             | 36.87         | ---         | 74                  | 54                | 37.13       | Peak   |
| 4824        | H            | 40.62               | ---               | 0.64              | 41.26         | ---         | 74                  | 54                | 32.74       | Peak   |
| N/A         |              |                     |                   |                   |               |             |                     |                   |             |        |

**Notes:** AV Means AV detector test data, Peak Means Peak detector test data.

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

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX Mid                            |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1374        | V            | 42.92               | ---               | -10.43            | 32.49         | ---         | 74                  | 54                | 41.51       | Peak   |
| 2589        | V            | 43.51               | ---               | -7.13             | 36.38         | ---         | 74                  | 54                | 37.62       | Peak   |
| 3365        | V            | 42.89               | ---               | -5.18             | 37.71         | ---         | 74                  | 54                | 36.29       | Peak   |
| 4874        | V            | 42.11               | ---               | 0.76              | 42.87         | ---         | 74                  | 54                | 31.13       | Peak   |

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX Mid                            |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1321        | H            | 42.92               | ---               | -10.84            | 32.08         | ---         | 74                  | 54                | 41.92       | Peak   |
| 2314        | H            | 43.62               | ---               | -7.46             | 36.16         | ---         | 74                  | 54                | 37.84       | Peak   |
| 3577        | H            | 41.91               | ---               | -4.76             | 37.15         | ---         | 74                  | 54                | 36.85       | Peak   |
| 4874        | H            | 39.62               | ---               | 0.76              | 40.38         | ---         | 74                  | 54                | 33.62       | Peak   |

**Notes:** AV Means AV detector test data, Peak Means Peak detector test data.

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

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX High                           |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1302        | V            | 42.92               | ---               | -10.84            | 32.08         | ---         | 74                  | 54                | 41.92       | Peak   |
| 2982        | V            | 43.46               | ---               | -5.86             | 37.6          | ---         | 74                  | 54                | 36.4        | Peak   |
| 3831        | V            | 42.52               | ---               | -3.96             | 38.56         | ---         | 74                  | 54                | 35.44       | Peak   |
| 4924        | V            | 40.92               | ---               | 0.87              | 41.79         | ---         | 74                  | 54                | 32.21       | Peak   |

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX High                           |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1446        | H            | 43.1                | ---               | -10.29            | 32.81         | ---         | 74                  | 54                | 41.19       | Peak   |
| 2198        | H            | 41.92               | ---               | -8.24             | 33.68         | ---         | 74                  | 54                | 40.32       | Peak   |
| 3905        | H            | 43.02               | ---               | -3.68             | 39.34         | ---         | 74                  | 54                | 34.66       | Peak   |
| 4924        | H            | 40.5                | ---               | 0.87              | 41.37         | ---         | 74                  | 54                | 32.63       | Peak   |

**Notes:** AV Means AV detector test data, Peak Means Peak detector test data.

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

IEEE 802.11n/HT20 with 2.4G

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX Low                            |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1492        | V            | 43.1                | ---               | -10.27            | 32.83         | ---         | 74                  | 54                | 41.17       | Peak   |
| 2671        | V            | 42.69               | ---               | -6.94             | 35.75         | ---         | 74                  | 54                | 38.25       | Peak   |
| 3948        | V            | 42.88               | ---               | -3.68             | 39.2          | ---         | 74                  | 54                | 34.8        | Peak   |
| 4824        | V            | 41.63               | ---               | 0.64              | 42.27         | ---         | 74                  | 54                | 31.73       | Peak   |
| N/A         |              |                     |                   |                   |               |             |                     |                   |             |        |

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX Low                            |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1451        | H            | 43.13               | ---               | -10.27            | 32.86         | ---         | 74                  | 54                | 41.14       | Peak   |
| 2839        | H            | 43.4                | ---               | -6.17             | 37.23         | ---         | 74                  | 54                | 36.77       | Peak   |
| 3607        | H            | 42.97               | ---               | -4.52             | 38.45         | ---         | 74                  | 54                | 35.55       | Peak   |
| 4824        | H            | 41.89               | ---               | 0.64              | 42.53         | ---         | 74                  | 54                | 31.47       | Peak   |
| N/A         |              |                     |                   |                   |               |             |                     |                   |             |        |

**Notes:** AV Means AV detector test data, Peak Means Peak detector test data.

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

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX Mid                            |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1262        | V            | 42.82               | ---               | -10.96            | 31.86         | ---         | 74                  | 54                | 42.14       | Peak   |
| 2013        | V            | 43.26               | ---               | -8.58             | 34.68         | ---         | 74                  | 54                | 39.32       | Peak   |
| 3798        | V            | 42.5                | ---               | -4.07             | 38.43         | ---         | 74                  | 54                | 35.57       | Peak   |
| 4874        | V            | 41.62               | ---               | 0.76              | 42.38         | ---         | 74                  | 54                | 31.62       | Peak   |

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX Mid                            |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1511        | H            | 42.72               | ---               | -10.14            | 32.58         | ---         | 74                  | 54                | 41.42       | Peak   |
| 2353        | H            | 42.88               | ---               | -7.59             | 35.29         | ---         | 74                  | 54                | 38.71       | Peak   |
| 3266        | H            | 43.15               | ---               | -5.39             | 37.76         | ---         | 74                  | 54                | 36.24       | Peak   |
| 4874        | H            | 41.89               | ---               | 0.76              | 42.65         | ---         | 74                  | 54                | 31.35       | Peak   |

**Notes:** AV Means AV detector test data, Peak Means Peak detector test data.

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

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX High                           |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1477        | V            | 44.15               | ---               | -10.27            | 33.88         | ---         | 74                  | 54                | 40.12       | Peak   |
| 2703        | V            | 43.03               | ---               | -6.43             | 36.6          | ---         | 74                  | 54                | 37.4        | Peak   |
| 3561        | V            | 42.92               | ---               | -4.76             | 38.16         | ---         | 74                  | 54                | 35.84       | Peak   |
| 4924        | V            | 41.75               | ---               | 0.87              | 42.62         | ---         | 74                  | 54                | 31.38       | Peak   |

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX High                           |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1503        | H            | 42.7                | ---               | -10.14            | 32.56         | ---         | 74                  | 54                | 41.44       | Peak   |
| 3588        | H            | 43                  | ---               | -4.96             | 38.04         | ---         | 74                  | 54                | 35.96       | Peak   |
| 4153        | H            | 42.81               | ---               | -2.48             | 40.33         | ---         | 74                  | 54                | 33.67       | Peak   |
| 4924        | H            | 40.86               | ---               | 0.87              | 41.73         | ---         | 74                  | 54                | 32.27       | Peak   |

**Notes:** AV Means AV detector test data, Peak Means Peak detector test data.

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

IEEE 802.11n/HT40 with 2.4G

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX Low                            |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1551        | V            | 43.16               | ---               | -10.07            | 33.09         | ---         | 74                  | 54                | 40.91       | Peak   |
| 2695        | V            | 43.03               | ---               | -6.94             | 36.09         | ---         | 74                  | 54                | 37.91       | Peak   |
| 3463        | V            | 42.32               | ---               | -4.95             | 37.37         | ---         | 74                  | 54                | 36.63       | Peak   |
| 4844        | V            | 40.91               | ---               | 0.64              | 41.55         | ---         | 74                  | 54                | 32.45       | Peak   |
| N/A         |              |                     |                   |                   |               |             |                     |                   |             |        |

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX Low                            |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1542        | H            | 42.93               | ---               | -10.14            | 32.79         | ---         | 74                  | 54                | 41.21       | Peak   |
| 2358        | H            | 42.79               | ---               | -7.59             | 35.2          | ---         | 74                  | 54                | 38.8        | Peak   |
| 3096        | H            | 43.2                | ---               | -5.74             | 37.46         | ---         | 74                  | 54                | 36.54       | Peak   |
| 4844        | H            | 41.6                | ---               | 0.64              | 42.24         | ---         | 74                  | 54                | 31.76       | Peak   |
| N/A         |              |                     |                   |                   |               |             |                     |                   |             |        |

**Notes:** AV Means AV detector test data, Peak Means Peak detector test data.

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

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX Mid                            |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1628        | V            | 43.49               | ---               | -9.84             | 33.65         | ---         | 74                  | 54                | 40.35       | Peak   |
| 2593        | V            | 42.91               | ---               | -7.13             | 35.78         | ---         | 74                  | 54                | 38.22       | Peak   |
| 3301        | V            | 43.05               | ---               | -5.31             | 37.74         | ---         | 74                  | 54                | 36.26       | Peak   |
| 4874        | V            | 41.9                | ---               | 0.76              | 42.66         | ---         | 74                  | 54                | 31.34       | Peak   |

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX Mid                            |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1564        | H            | 43.12               | ---               | -10.07            | 33.05         | ---         | 74                  | 54                | 40.95       | Peak   |
| 2248        | H            | 43.46               | ---               | -8.13             | 35.33         | ---         | 74                  | 54                | 38.67       | Peak   |
| 3159        | H            | 42.42               | ---               | -5.52             | 36.9          | ---         | 74                  | 54                | 37.1        | Peak   |
| 4874        | H            | 41.67               | ---               | 0.76              | 42.43         | ---         | 74                  | 54                | 31.57       | Peak   |

**Notes:** AV Means AV detector test data, Peak Means Peak detector test data.

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

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX High                           |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1645        | V            | 43.55               | ---               | -9.84             | 33.71         | ---         | 74                  | 54                | 40.29       | Peak   |
| 2590        | V            | 43.08               | ---               | -7.13             | 35.95         | ---         | 74                  | 54                | 38.05       | Peak   |
| 3851        | V            | 42.5                | ---               | -3.84             | 38.66         | ---         | 74                  | 54                | 35.34       | Peak   |
| 4904        | V            | 40.85               | ---               | 0.87              | 41.72         | ---         | 74                  | 54                | 32.28       | Peak   |

|                    |                                   |                          |                      |
|--------------------|-----------------------------------|--------------------------|----------------------|
| <b>EUT</b>         | 3-Axis Stabilized Handheld Camera | <b>Model Name</b>        | Summon               |
| <b>Temperature</b> | 26°C                              | <b>Relative Humidity</b> | 56%                  |
| <b>Pressure</b>    | 960hPa                            | <b>Test voltage</b>      | DC 3.7V from battery |
| <b>Test Mode</b>   | TX High                           |                          |                      |

| Freq. (MHz) | Ant. Pol H/V | Peak Reading (dBuV) | AV Reading (dBuV) | Ant. / CL CF (dB) | Actual Fs     |             | Peak Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Remark |
|-------------|--------------|---------------------|-------------------|-------------------|---------------|-------------|---------------------|-------------------|-------------|--------|
|             |              |                     |                   |                   | Peak (dBuV/m) | AV (dBuV/m) |                     |                   |             |        |
| 1792        | H            | 43.22               | ---               | -9.27             | 33.95         | ---         | 74                  | 54                | 40.05       | Peak   |
| 2804        | H            | 43.4                | ---               | -6.17             | 37.23         | ---         | 74                  | 54                | 36.77       | Peak   |
| 3743        | H            | 43.76               | ---               | -4.24             | 39.52         | ---         | 74                  | 54                | 34.48       | Peak   |
| 4904        | H            | 42.19               | ---               | 0.87              | 43.06         | ---         | 74                  | 54                | 30.94       | Peak   |

**Notes:** AV Means AV detector test data, Peak Means Peak detector test data.

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

## 6 POWER LINE CONDUCTED EMISSION

### 6.1 Conducted Emission Limits(15.207)

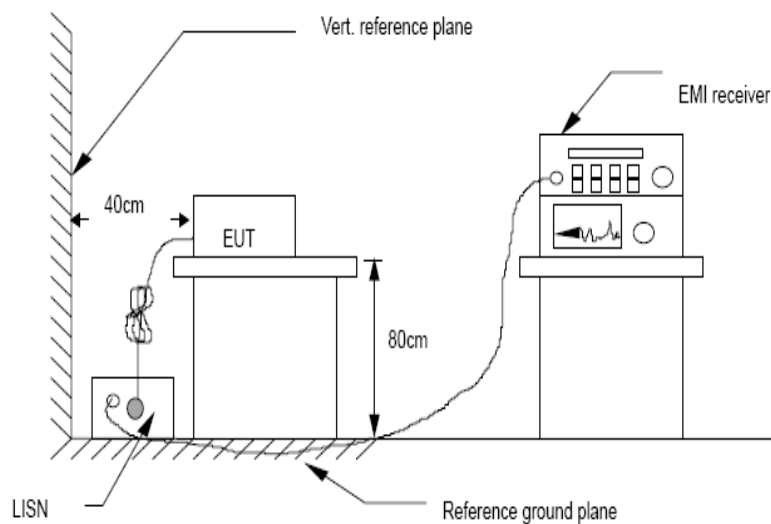
| Frequency<br>MHz | Limits dB( $\mu$ V) |               |
|------------------|---------------------|---------------|
|                  | Quasi-peak Level    | Average Level |
| 0.15 -0.50       | 66 -56*             | 56 - 46*      |
| 0.50 -5.00       | 56                  | 46            |
| 5.00 -30.00      | 60                  | 50            |

Notes: 1. \*Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

3. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.

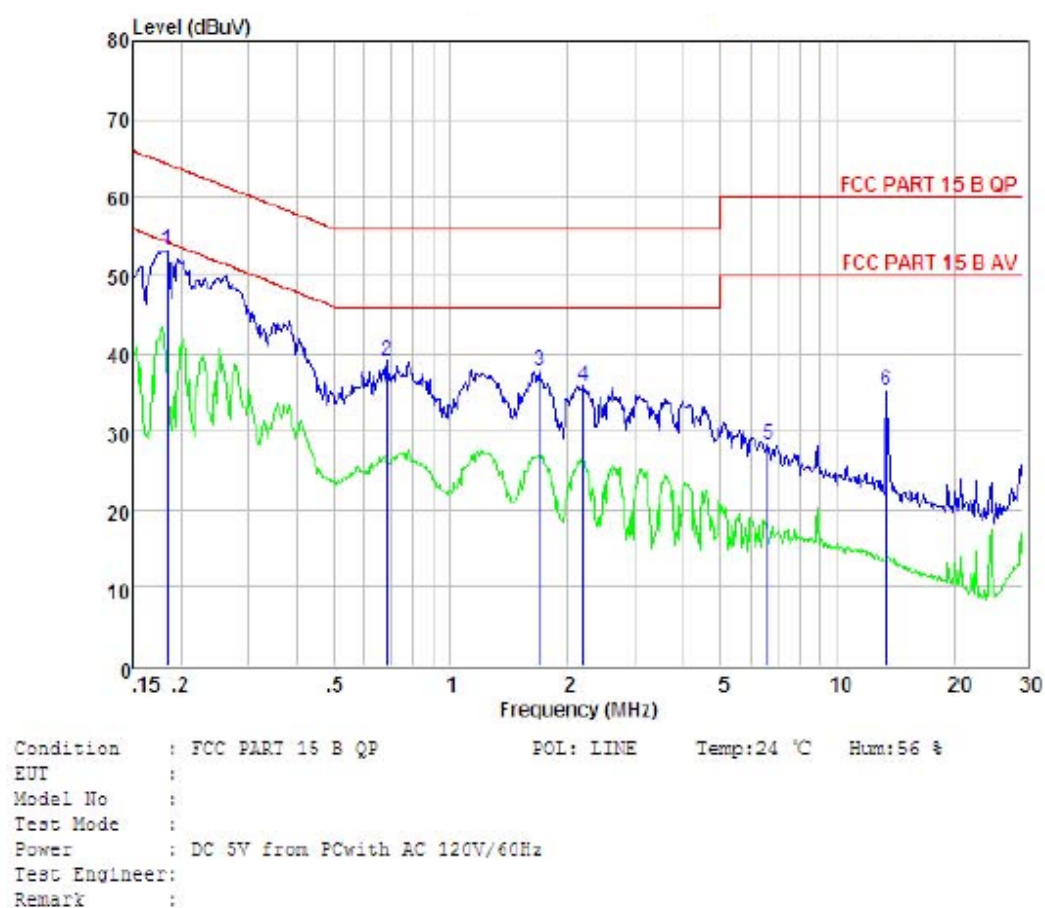
### 6.2 Test Setup



### 6.3 Test Procedure

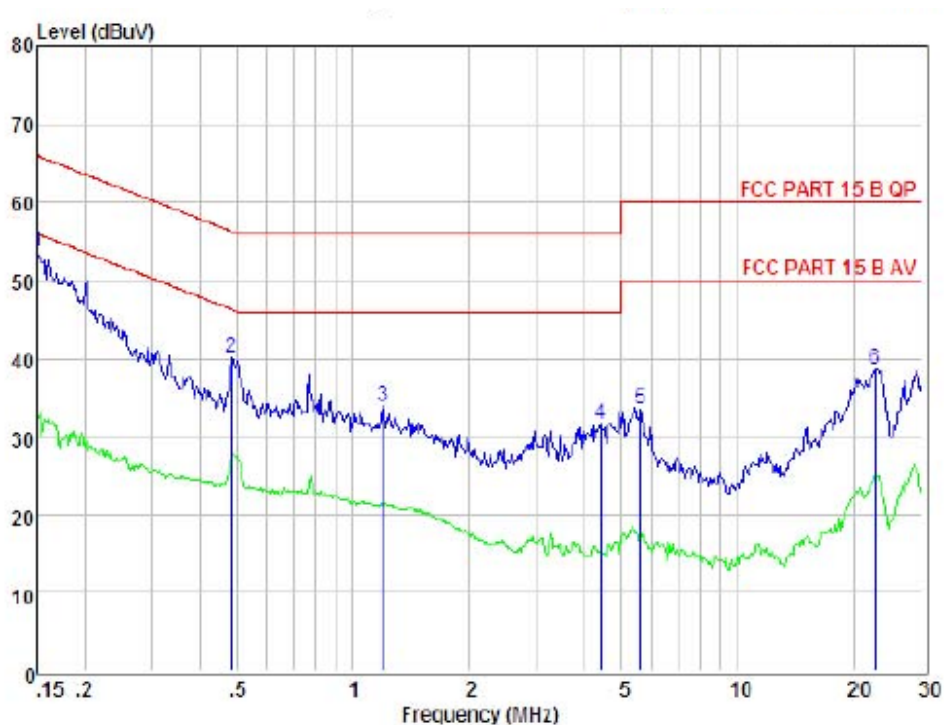
The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both 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 C63.10:2013 on Conducted Emission Measurement. The bandwidth of test receiver (R & S ESCI) is set at 9 kHz.

## 6.4 Test Results



| Item | Freq<br>MHz | Read<br>dBuV | LISN<br>Factor<br>dB | Preamp<br>Factor<br>dB | Cable<br>Loss<br>dB | Level<br>dBuV | Limit<br>dBuV | Margin<br>dBuV | Remark |
|------|-------------|--------------|----------------------|------------------------|---------------------|---------------|---------------|----------------|--------|
| 1    | 0.184       | 43.32        | 0.03                 | -9.72                  | 0.10                | 53.17         | 64.28         | -11.11         | Peak   |
| 2    | 0.686       | 29.18        | 0.04                 | -9.72                  | 0.10                | 39.04         | 56.00         | -16.96         | Peak   |
| 3    | 1.698       | 27.89        | 0.05                 | -9.70                  | 0.10                | 37.74         | 56.00         | -18.26         | Peak   |
| 4    | 2.201       | 25.99        | 0.06                 | -9.70                  | 0.10                | 35.85         | 56.00         | -20.15         | Peak   |
| 5    | 6.627       | 18.41        | 0.12                 | -9.57                  | 0.15                | 28.25         | 60.00         | -31.75         | Peak   |
| 6    | 13.408      | 25.38        | 0.23                 | -9.42                  | 0.22                | 35.25         | 60.00         | -24.75         | Peak   |

Remarks: Level = Read + LISN Factor - Preamp Factor + Cable loss



Condition : FCC PART 15 B QP      POL: NEUTRAL    Temp:24 °C    Hum:56 %  
 EUT :  
 Model No :  
 Test Mode :  
 Power : DC 5V from PCwith AC 120V/60Hz  
 Test Engineer:  
 Remark :

| Item | Freq<br>MHz | Read<br>dBuV | LISN<br>Factor<br>dB | Preamp<br>Factor<br>dB | Cable<br>Loss<br>dB | Level<br>dBuV | Limit<br>dBuV | Margin<br>dBuV | Remark |
|------|-------------|--------------|----------------------|------------------------|---------------------|---------------|---------------|----------------|--------|
| 1    | 0.150       | 43.67        | 0.03                 | -9.72                  | 0.10                | 53.52         | 66.00         | -12.48         | Peak   |
| 2    | 0.484       | 30.21        | 0.03                 | -9.72                  | 0.10                | 40.06         | 56.27         | -16.21         | Peak   |
| 3    | 1.197       | 24.05        | 0.04                 | -9.71                  | 0.10                | 33.90         | 56.00         | -22.10         | Peak   |
| 4    | 4.407       | 21.54        | 0.09                 | -9.68                  | 0.12                | 31.43         | 56.00         | -24.57         | Peak   |
| 5    | 5.594       | 23.56        | 0.10                 | -9.64                  | 0.13                | 33.43         | 60.00         | -26.57         | Peak   |
| 6    | 22.655      | 28.16        | 0.41                 | -9.54                  | 0.42                | 38.53         | 60.00         | -21.47         | Peak   |

Remarks: Level = Read + LISN Factor - Preamp Factor + Cable loss

## 7 Conducted Maximum Output Power

### 7.1 Test limit

Please refer section RSS-247 & 15.247.

### 7.2 Test Procedure

Details see the KDB558074 Meas Guidance V03

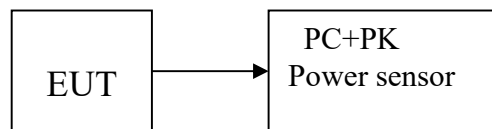
7.2.1 Place the EUT on the table and set it in transmitting mode.

7.2.2 Measure out each mode and each bands peak output power of EUT.

Note: The cable loss and attenuator loss were offset into measure device as amplitude offset.

Details see the KDB558074 DTS Meas Guidance V03

### 7.3 Test Setup



### 7.4 Test Results

**PASS**

Detailed information please see the following page.

| EUT: 3-Axis Stabilized Handheld Camera |                 |                      | M/N: Summon |                       |
|----------------------------------------|-----------------|----------------------|-------------|-----------------------|
| Test date: 2016-06-18                  |                 | Test site: RF site   |             | Tested by: Eric Huang |
| Mode                                   | Frequency (MHz) | PK Output power(dBm) | Limit (dBm) | Result                |
| IEEE 802.11 b                          | CH1: 2412       | 9.25                 | 30          | Pass                  |
|                                        | CH6: 2437       | 9.18                 | 30          | Pass                  |
|                                        | CH11: 2462      | 9.32                 | 30          | Pass                  |
| IEEE 802.11 g                          | CH1: 2412       | 8.99                 | 30          | Pass                  |
|                                        | CH6: 2437       | 8.86                 | 30          | Pass                  |
|                                        | CH11: 2462      | 8.91                 | 30          | Pass                  |
| IEEE 802.11 n/HT20 with 2.4G           | CH1: 2412       | 8.76                 | 30          | Pass                  |
|                                        | CH6: 2437       | 8.59                 | 30          | Pass                  |
|                                        | CH11: 2462      | 8.66                 | 30          | Pass                  |
| IEEE 802.11 n/HT40 with 2.4G           | CH1: 2422       | 8.59                 | 30          | Pass                  |
|                                        | CH4: 2437       | 8.39                 | 30          | Pass                  |
|                                        | CH7: 2452       | 8.75                 | 30          | Pass                  |
| Conclusion: PASS                       |                 |                      |             |                       |

## 8 PEAK POWER SPECTRAL DENSITY

### 8.1 Test limit

8.1.1 Please refer section RSS-247 & 15.247.

8.1.2 For direct sequence systems, the peak power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmission.

8.1.3 The direct sequence operating of the hybrid system, with the frequency hopping operation turned off, shall comply with the power density requirements of paragraph (d) of this section.

### 8.2 Method of measurement

Details see the KDB558074 DTS Meas Guidance V03

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

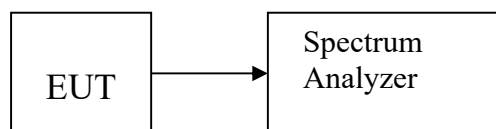
8.2.2 Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

8.2.3 Set the spectrum analyzer as RBW = 3kHz, VBW = 10kHz, span=5-30%EBW, detail see the test plot.

8.2.4 Record the max reading.

8.2.5 Repeat the above procedure until the measurements for all frequencies are completed.

### 8.3 Test Setup



## 8.4 Test Results

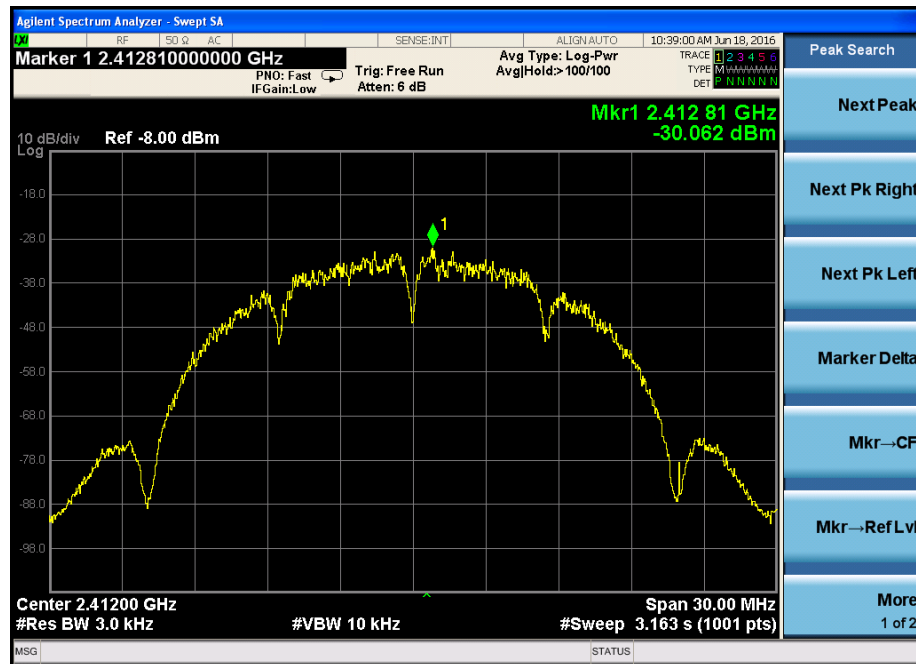
PASS.

Detailed information please see the following page.

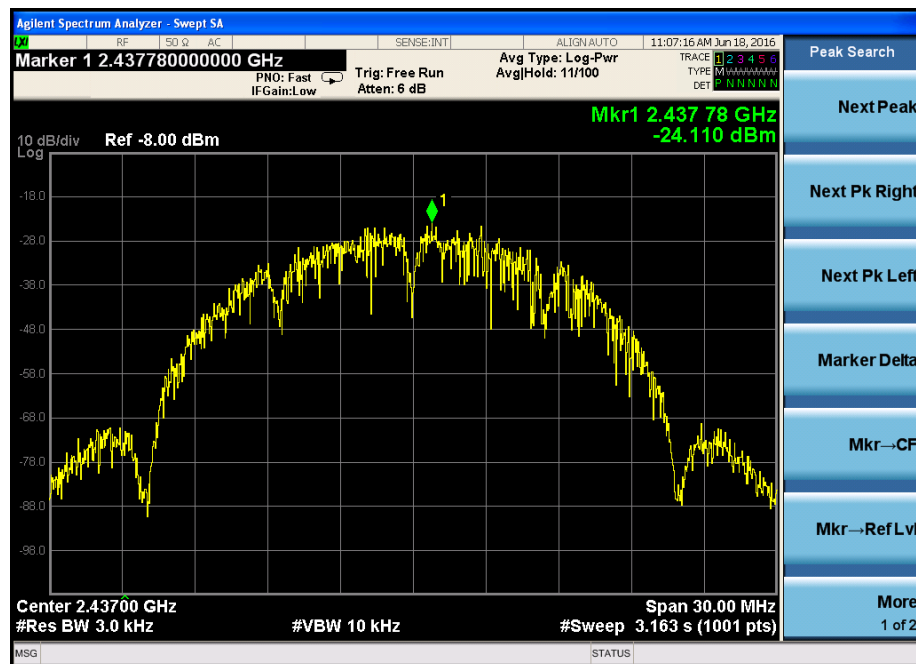
| EUT: 3-Axis Stabilized Handheld Camera |                 |                      | M/N: Summon |                       |
|----------------------------------------|-----------------|----------------------|-------------|-----------------------|
| Test date: 2016-06-18                  |                 | Test site: RF site   |             | Tested by: Eric Huang |
| Mode                                   | Frequency (MHz) | PK Output power(dBm) | Limit (dBm) | Result                |
| IEEE 802.11 b                          | CH1: 2412       | -30.062              | 8           | PASS#                 |
|                                        | CH6: 2437       | -24.110              | 8           | PASS#                 |
|                                        | CH11: 2462      | -14.236              | 8           | PASS#                 |
| IEEE 802.11 g                          | CH1: 2412       | -19.345              | 8           | PASS#                 |
|                                        | CH6: 2437       | -23.755              | 8           | PASS#                 |
|                                        | CH11: 2462      | -22.727              | 8           | PASS#                 |
| IEEE 802.11 n/HT20 with 2.4G           | CH1: 2412       | -24.125              | 8           | PASS#                 |
|                                        | CH6: 2437       | -23.626              | 8           | PASS#                 |
|                                        | CH11: 2462      | -24.250              | 8           | PASS#                 |
| IEEE 802.11 n/HT40 with 2.4G           | CH1: 2422       | -26.577              | 8           | PASS#                 |
|                                        | CH4: 2437       | -25.753              | 8           | PASS#                 |
|                                        | CH7: 2452       | -26.498              | 8           | PASS#                 |
| Conclusion: PASS                       |                 |                      |             |                       |

IEEE 802.11b :

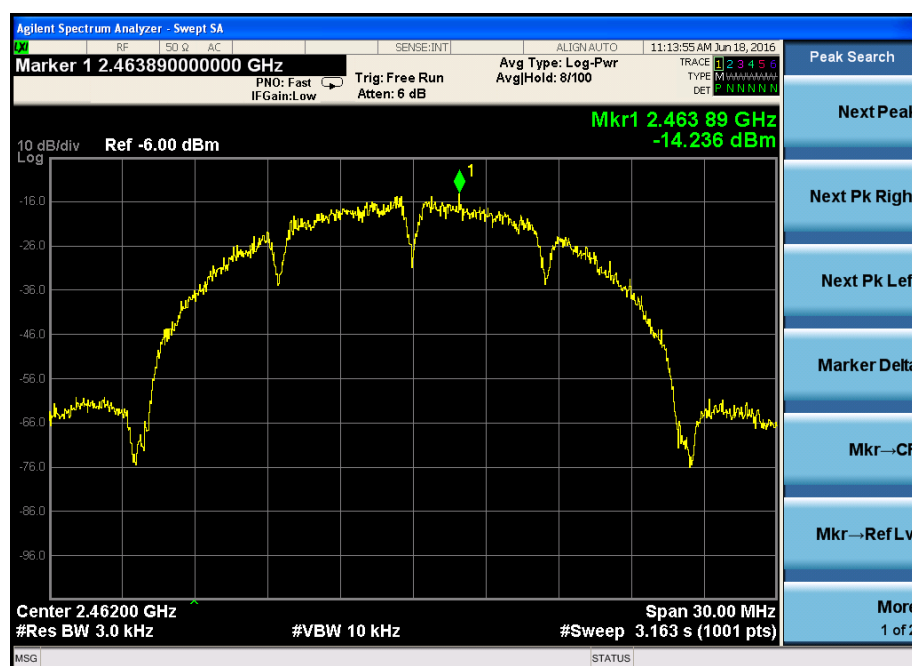
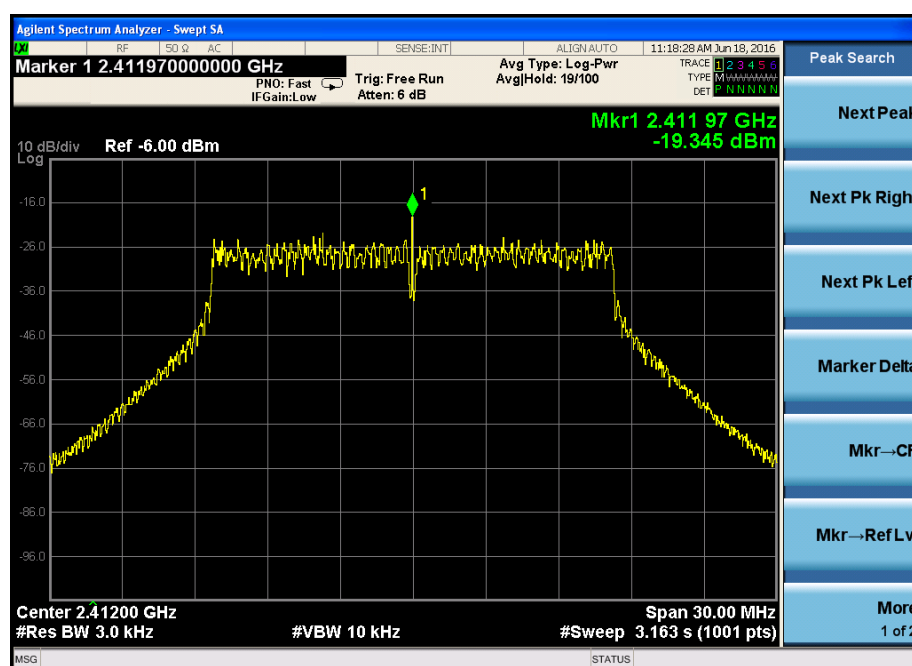
CH Low :



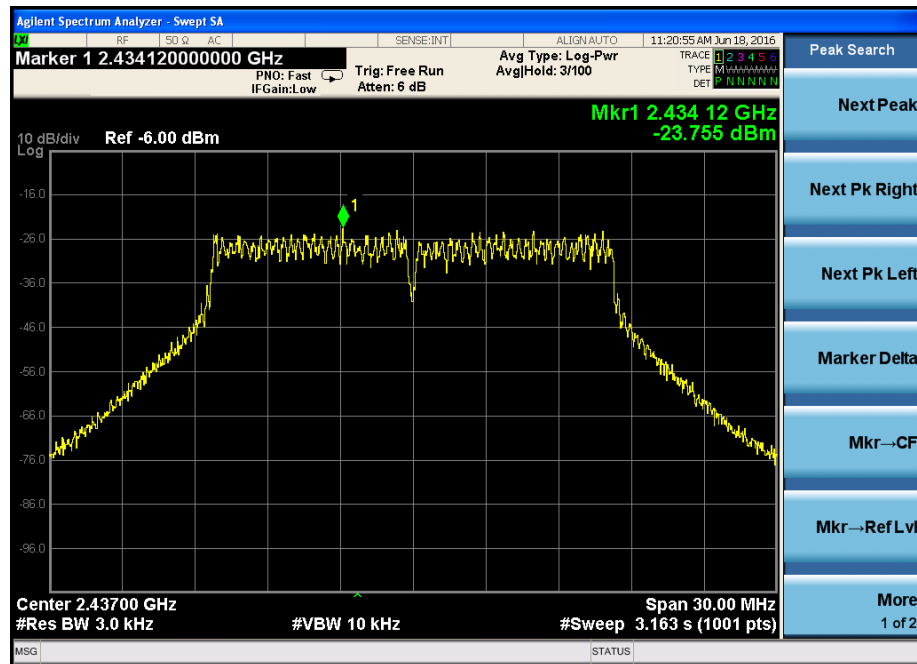
CH Mid:



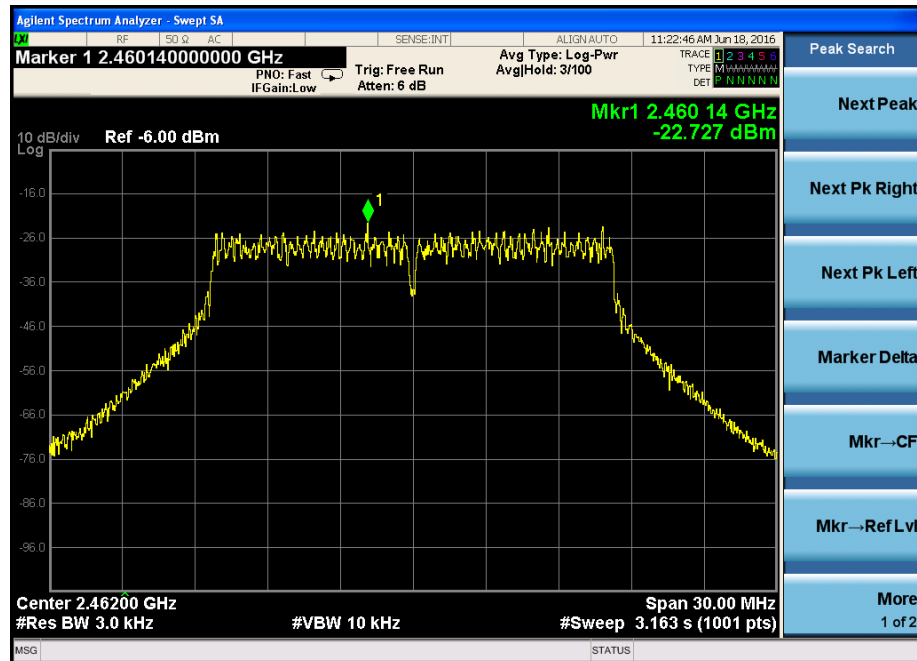
CH Hig:

IEEE 802.11g :  
CH Low

CH Mid:

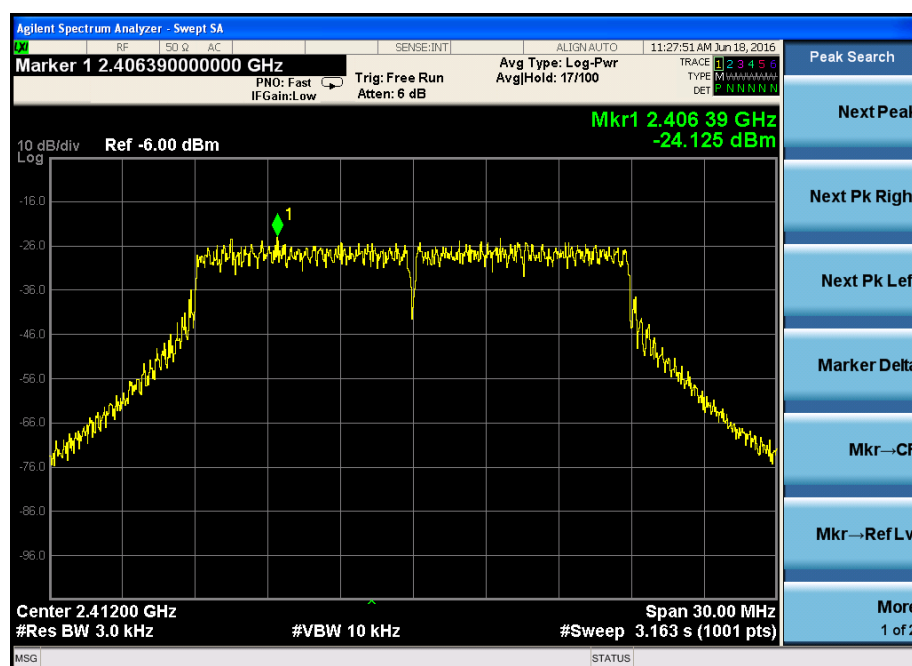


CH Hig:

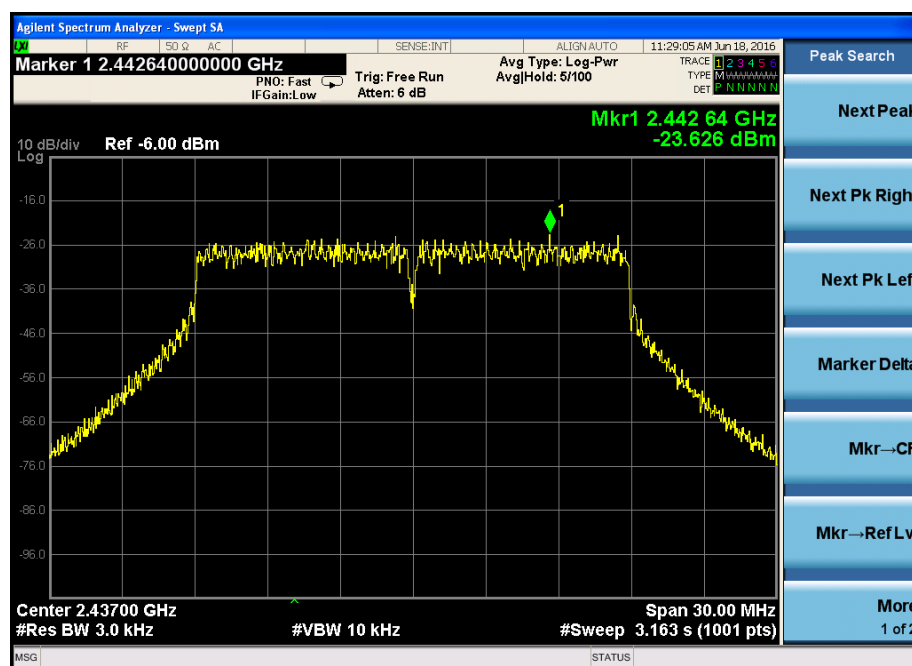


IEEE 802.11n HT20 :

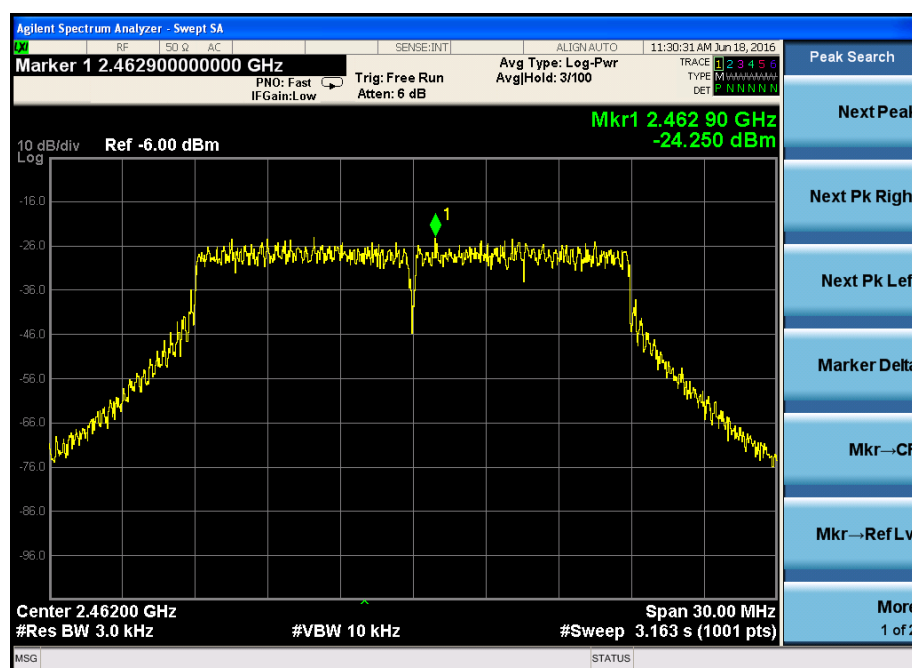
CH Low :



CH Mid:



CH Hig:

IEEE 802.11n HT40 :  
CH Low :

CH Mid:



CH Hig:



## 9 Bandwidth

### 9.1 Test limit

Please refer section RSS-247 & 15.247

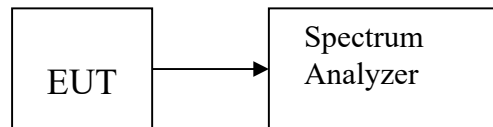
For direct sequence systems, the minimum 6dB bandwidth shall be at least 500 kHz.

### 9.2 Method of measurement

Details see the KDB558074 D01 Meas Guidance

- a) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.
- b) The test receiver set RBW = 100KHz, VBW  $\geq$  3RBW, Peak detector, Sweep time set auto, detail see the test plot.

### 9.3 Test Setup



### 9.4 Test Results

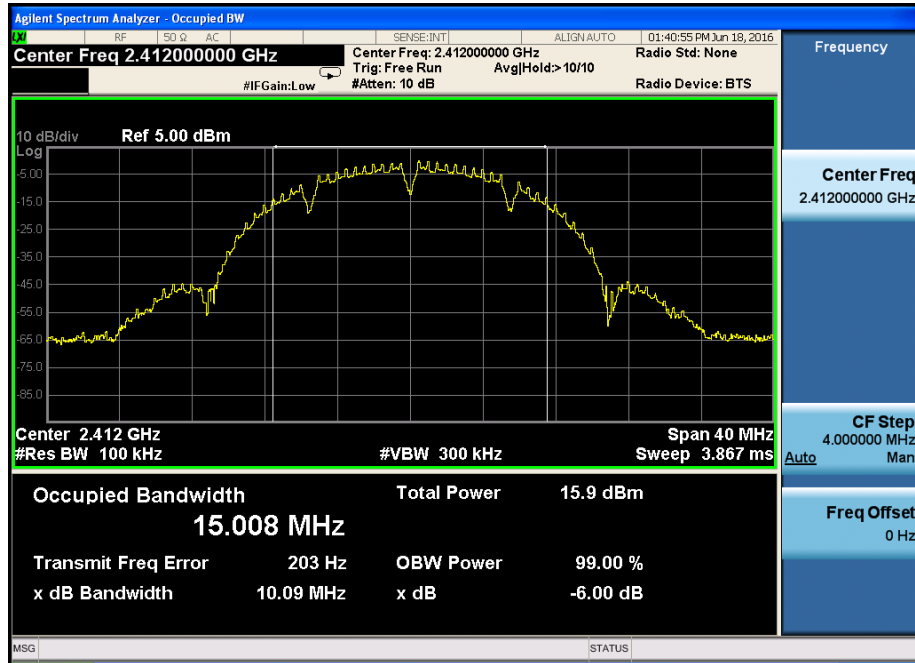
PASS.

Detailed information please see the following page.

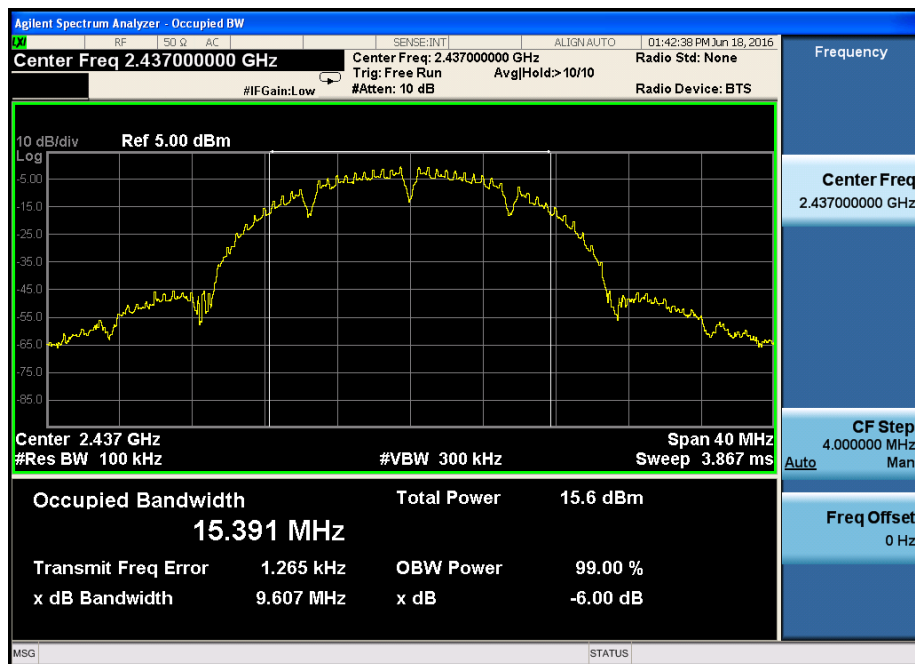
| Channel            | Frequency (MHz) | 6dB Bandwidth (MHz) | 99% Occupied Bandwidth (MHz) | Limit (MHz) | Result |
|--------------------|-----------------|---------------------|------------------------------|-------------|--------|
| IEEE 802.11b:      |                 |                     |                              |             |        |
| Low                | 2412            | 10.09               | /                            | 0.5         | PASS   |
| Mid                | 2437            | 9.607               | /                            | 0.5         | PASS   |
| High               | 2462            | 10.03               | /                            | 0.5         | PASS   |
| IEEE 802.11g       |                 |                     |                              |             |        |
| Low                | 2412            | 16.41               | /                            | 0.5         | PASS   |
| Mid                | 2437            | 16.39               | /                            | 0.5         | PASS   |
| High               | 2462            | 16.40               | /                            | 0.5         | PASS   |
| IEEE 802.11n/HT20: |                 |                     |                              |             |        |
| Low                | 2412            | 16.41               | /                            | 0.5         | PASS   |
| Mid                | 2437            | 16.41               | /                            | 0.5         | PASS   |
| High               | 2462            | 16.40               | /                            | 0.5         | PASS   |
| IEEE 802.11n/HT40: |                 |                     |                              |             |        |
| Low                | 2422            | 35.26               |                              | 0.5         | PASS   |
| Mid                | 2437            | 35.24               |                              | 0.5         | PASS   |
| High               | 2452            | 35.23               |                              | 0.5         | PASS   |

IEEE 802.11b:

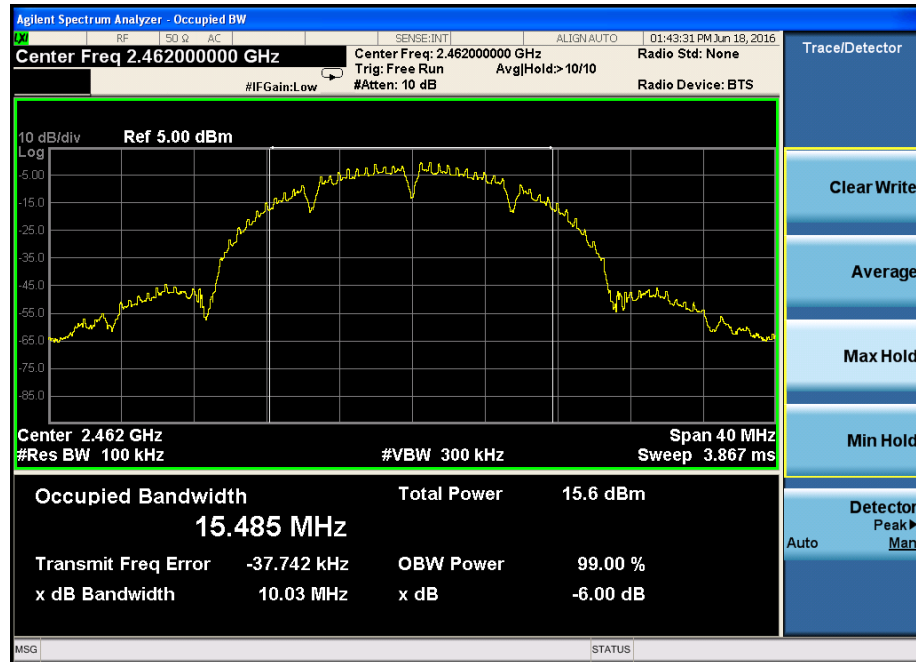
CH Low :



CH Mid :

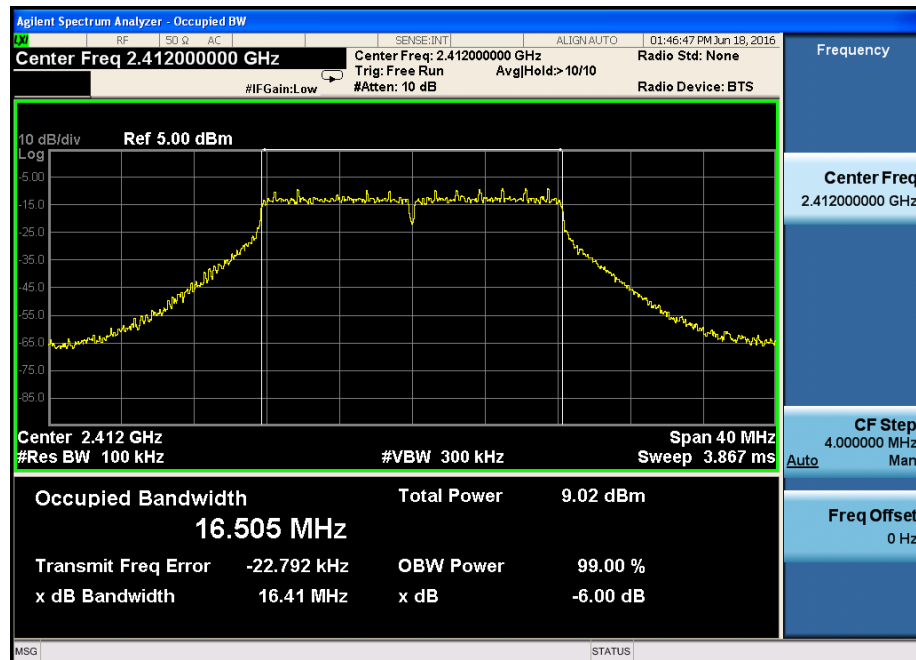


CH High :

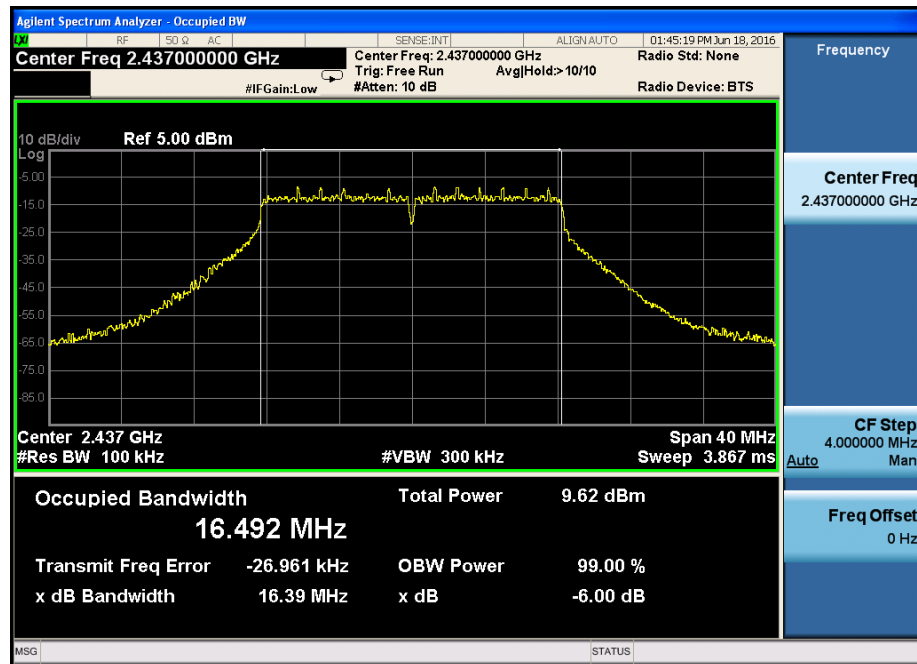


IEEE 802.11g:

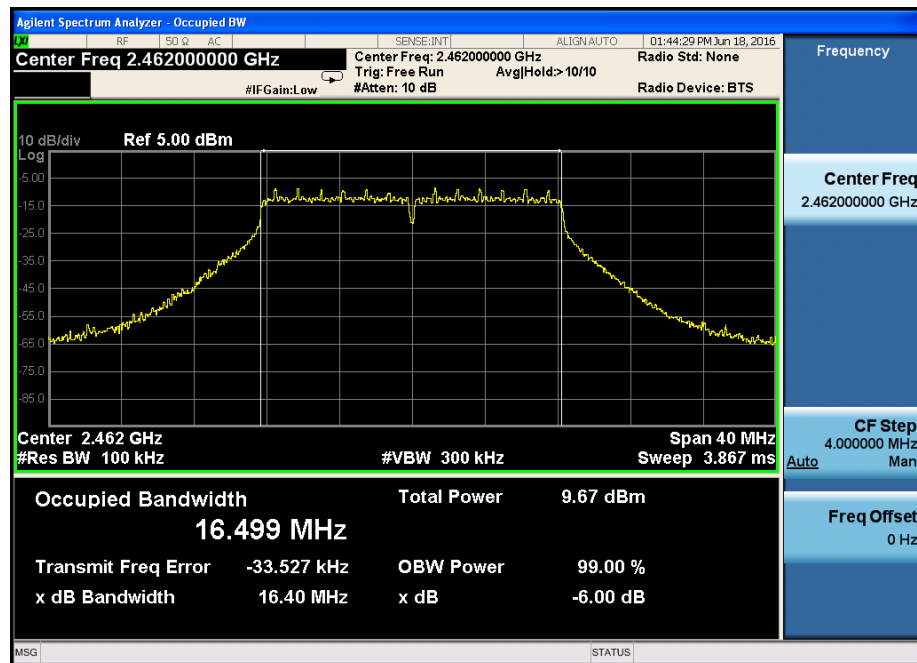
CH Low :



CH Mid:

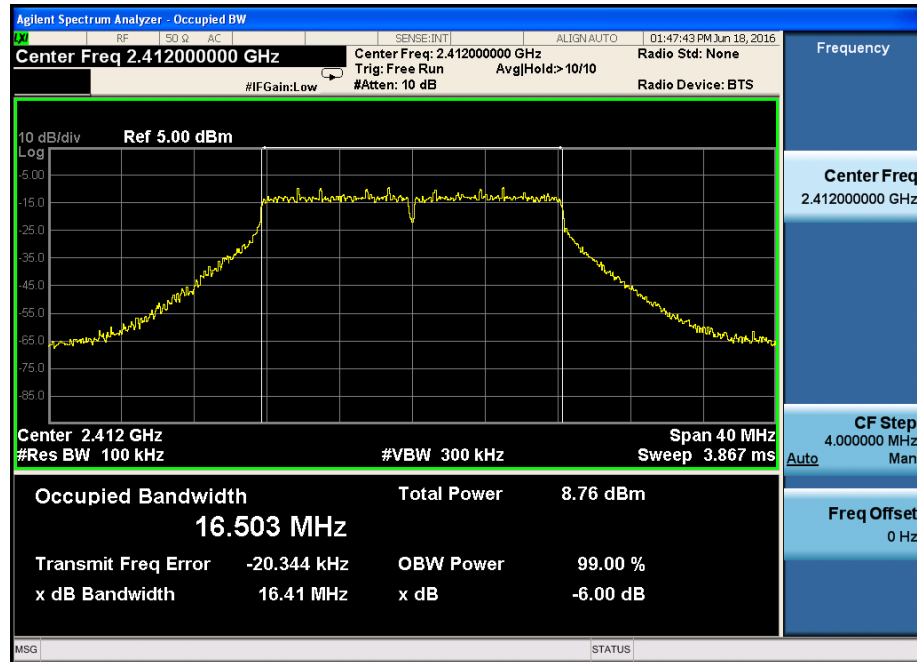


CH Hig:

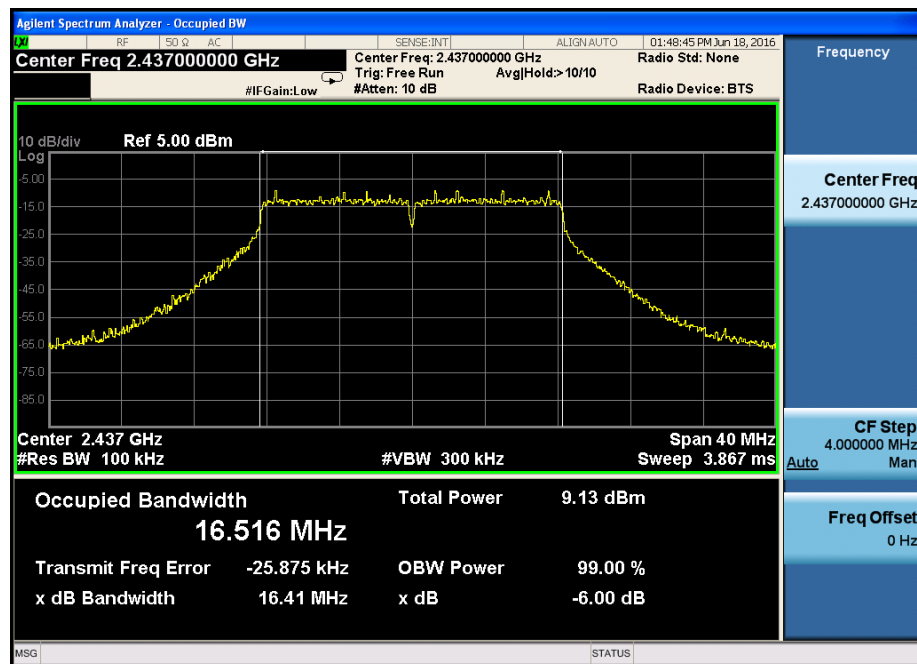


IEEE 802.11n HT20:

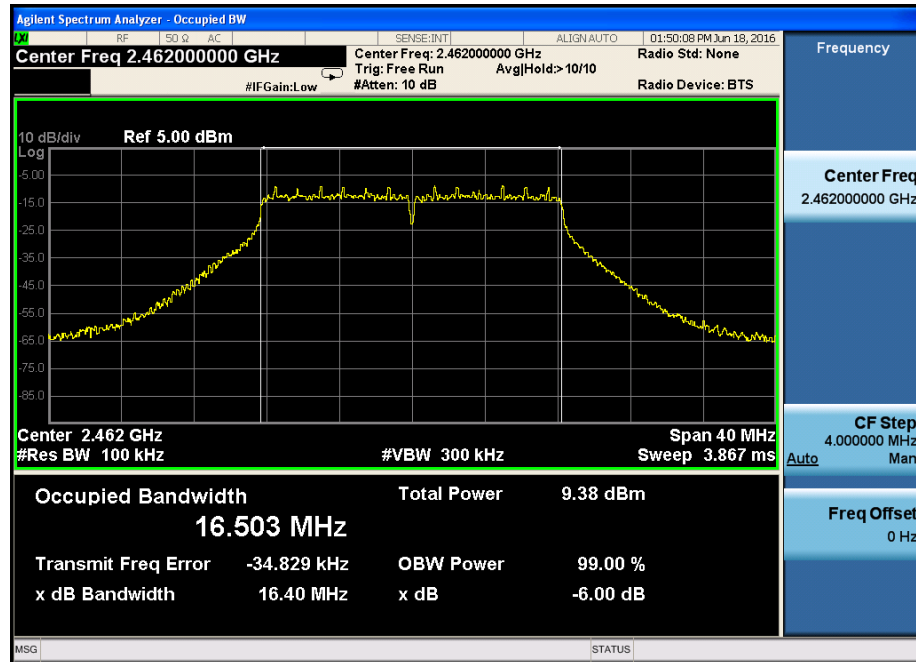
CH Low :



CH Mid :

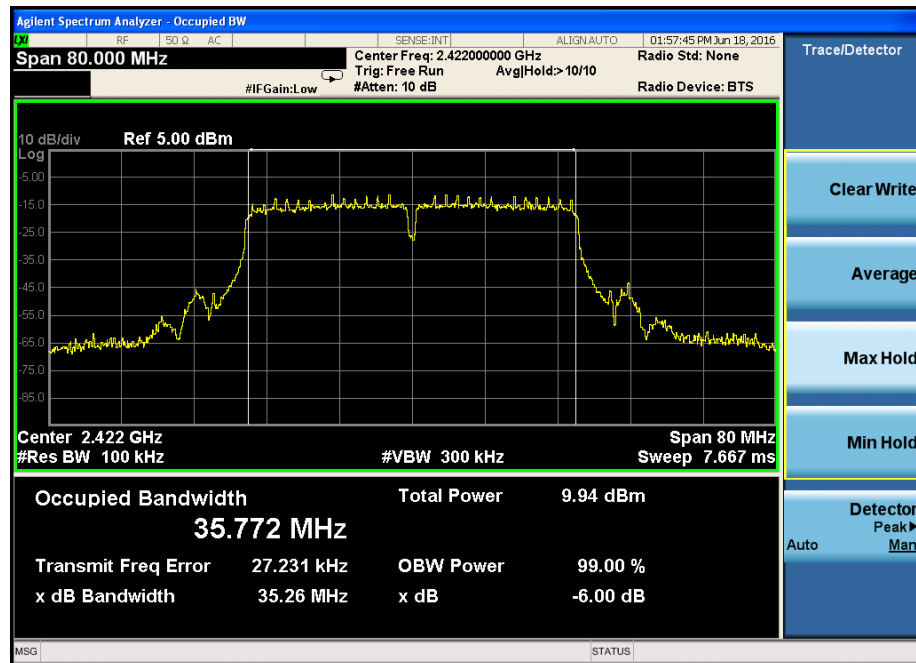


CH High :

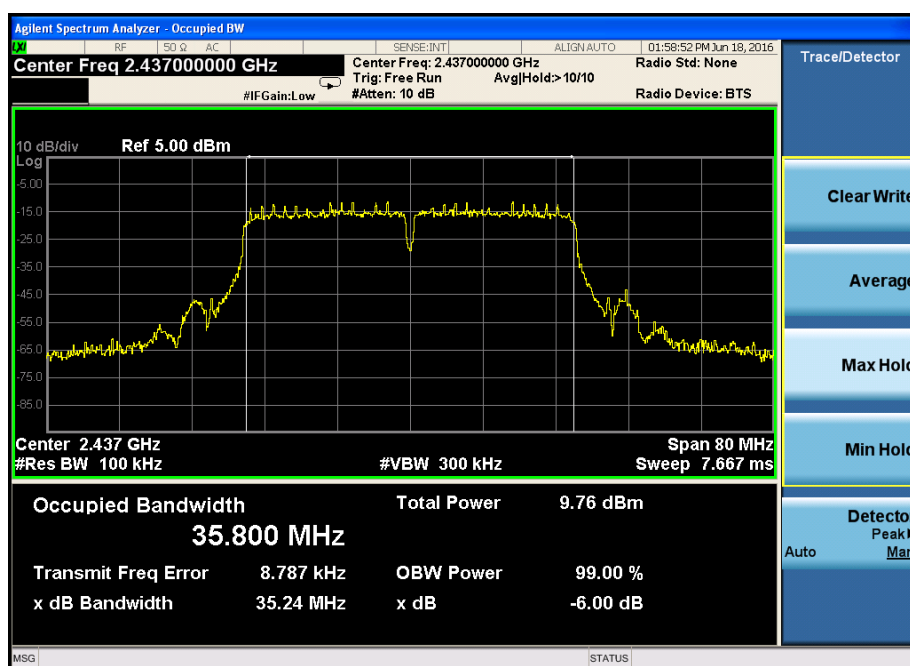


IEEE 802.11n HT40:

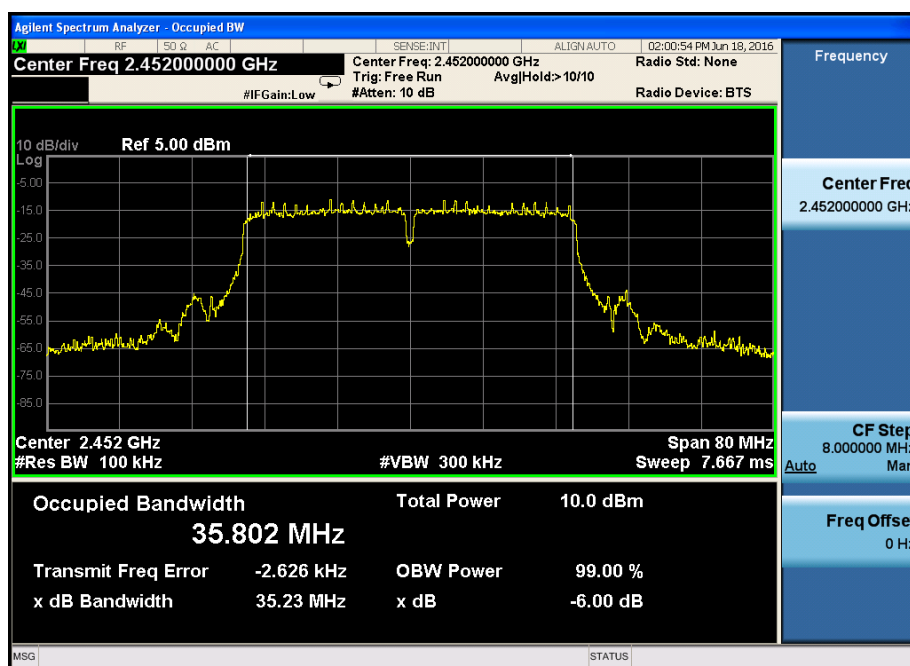
CH Low :



CH Mid :



CH High :



## 10 Band Edge Check

### 10.1 Test limit

Please refer section RSS-GEN&15.247.

### 10.2 Test Procedure

12.2.1 Put the EUT on a 0.8m high table, power on the EUT. Emissions were scanned and measured rotating the EUT to 360 degrees, Find the maximum Emission

12.2.2 Check the spurious emissions out of band.

12.2.3 RBW 1MHz ,VBW 3MHz ,Peak detector for peak value , RBW 1MHz ,VBW 3MHz ,RMS detector for AV value.

### 10.3 Test Setup

Same as 5.2.2.

### 10.4 Test Result

PASS.

Detailed information please see the following page.

| Band Edge Test result                                                                             |                     |                       |                |                       |                 |                |             |           |
|---------------------------------------------------------------------------------------------------|---------------------|-----------------------|----------------|-----------------------|-----------------|----------------|-------------|-----------|
| EUT: 3-Axis Stabilized Handheld Camera                                                            |                     |                       |                |                       | M/N: Summon     |                |             |           |
| Power: DC 3.7V from battery                                                                       |                     |                       |                |                       |                 |                |             |           |
| Test date: 2016-06-18                                                                             |                     | Test site: 3m Chamber |                | Tested by: Eric Huang |                 |                |             |           |
| Test mode: Tx Low                                                                                 |                     |                       |                |                       |                 |                |             |           |
| Antenna polarity: Vertical                                                                        |                     |                       |                |                       |                 |                |             |           |
| Freq (MHz)                                                                                        | Read Level (dBuV/m) | Antenna Factor (dB/m) | Cable loss(dB) | Amp Factor (dB)       | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark    |
| 2390                                                                                              | 44.23               | 27.62                 | 3.92           | 34.97                 | 40.8            | 74             | 33.2        | <b>PK</b> |
|                                                                                                   |                     |                       |                |                       |                 |                |             |           |
|                                                                                                   |                     |                       |                |                       |                 |                |             |           |
|                                                                                                   |                     |                       |                |                       |                 |                |             |           |
|                                                                                                   |                     |                       |                |                       |                 |                |             |           |
| Antenna Polarity: Horizontal                                                                      |                     |                       |                |                       |                 |                |             |           |
| 2390                                                                                              | 42.86               | 27.62                 | 3.92           | 34.97                 | 39.43           | 74             | 34.57       | <b>PK</b> |
|                                                                                                   |                     |                       |                |                       |                 |                |             |           |
|                                                                                                   |                     |                       |                |                       |                 |                |             |           |
|                                                                                                   |                     |                       |                |                       |                 |                |             |           |
|                                                                                                   |                     |                       |                |                       |                 |                |             |           |
| Note:                                                                                             |                     |                       |                |                       |                 |                |             |           |
| 1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK                 |                     |                       |                |                       |                 |                |             |           |
| 2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS                |                     |                       |                |                       |                 |                |             |           |
| 3, Result = Read level + Antenna factor + cable loss-Amp factor                                   |                     |                       |                |                       |                 |                |             |           |
| 4, All the other emissions not reported were too low to read and deemed to comply with FCC limit. |                     |                       |                |                       |                 |                |             |           |

| Band Edge Test result                  |                     |                       |                       |                 |                       |                |             |           |
|----------------------------------------|---------------------|-----------------------|-----------------------|-----------------|-----------------------|----------------|-------------|-----------|
| EUT: 3-Axis Stabilized Handheld Camera |                     |                       |                       |                 | M/N: Summon           |                |             |           |
| Power: DC 3.7V from battery            |                     |                       |                       |                 |                       |                |             |           |
| Test date: 2016-06-18                  |                     |                       | Test site: 3m Chamber |                 | Tested by: Eric Huang |                |             |           |
| Test mode: Tx High                     |                     |                       |                       |                 |                       |                |             |           |
| Antenna polarity: Vertical             |                     |                       |                       |                 |                       |                |             |           |
| Freq (MHz)                             | Read Level (dBuV/m) | Antenna Factor (dB/m) | Cable loss(dB)        | Amp Factor (dB) | Result (dBuV/m)       | Limit (dBuV/m) | Margin (dB) | Remark    |
| 2483.5                                 | 44.07               | 27.89                 | 4                     | 34.97           | 40.99                 | 74             | 33.01       | <b>PK</b> |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |
| Antenna Polarity: Horizontal           |                     |                       |                       |                 |                       |                |             |           |
| 2483.5                                 | 43.27               | 27.89                 | 4                     | 34.97           | 40.19                 | 74             | 33.81       | <b>PK</b> |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |

Note:  
1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK  
2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS  
3, Result = Read level + Antenna factor + cable loss-Amp factor  
4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.

| Band Edge Test result                                                                             |                     |                       |                       |                 |                       |                |             |        |
|---------------------------------------------------------------------------------------------------|---------------------|-----------------------|-----------------------|-----------------|-----------------------|----------------|-------------|--------|
| EUT: 3-Axis Stabilized Handheld Camera                                                            |                     |                       |                       |                 | M/N: Summon           |                |             |        |
| Power: DC 3.7V from battery                                                                       |                     |                       |                       |                 |                       |                |             |        |
| Test date: 2016-06-18                                                                             |                     |                       | Test site: 3m Chamber |                 | Tested by: Eric Huang |                |             |        |
| Test mode: Tx Low                                                                                 |                     |                       |                       |                 |                       |                |             |        |
| Antenna polarity: Vertical                                                                        |                     |                       |                       |                 |                       |                |             |        |
| Freq (MHz)                                                                                        | Read Level (dBuV/m) | Antenna Factor (dB/m) | Cable loss(dB)        | Amp Factor (dB) | Result (dBuV/m)       | Limit (dBuV/m) | Margin (dB) | Remark |
| 2390                                                                                              | 42.73               | 27.62                 | 3.92                  | 34.97           | 39.3                  | 74             | 34.7        | PK     |
|                                                                                                   |                     |                       |                       |                 |                       |                |             |        |
|                                                                                                   |                     |                       |                       |                 |                       |                |             |        |
|                                                                                                   |                     |                       |                       |                 |                       |                |             |        |
|                                                                                                   |                     |                       |                       |                 |                       |                |             |        |
| Antenna Polarity: Horizontal                                                                      |                     |                       |                       |                 |                       |                |             |        |
| 2390                                                                                              | 43.68               | 27.62                 | 3.92                  | 34.97           | 40.25                 | 74             | 33.75       | PK     |
|                                                                                                   |                     |                       |                       |                 |                       |                |             |        |
|                                                                                                   |                     |                       |                       |                 |                       |                |             |        |
|                                                                                                   |                     |                       |                       |                 |                       |                |             |        |
|                                                                                                   |                     |                       |                       |                 |                       |                |             |        |
| Note:                                                                                             |                     |                       |                       |                 |                       |                |             |        |
| 1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK                 |                     |                       |                       |                 |                       |                |             |        |
| 2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS                |                     |                       |                       |                 |                       |                |             |        |
| 3, Result = Read level + Antenna factor + cable loss-Amp factor                                   |                     |                       |                       |                 |                       |                |             |        |
| 4, All the other emissions not reported were too low to read and deemed to comply with FCC limit. |                     |                       |                       |                 |                       |                |             |        |

| Band Edge Test result                  |                     |                       |                       |                 |                       |                |             |           |
|----------------------------------------|---------------------|-----------------------|-----------------------|-----------------|-----------------------|----------------|-------------|-----------|
| EUT: 3-Axis Stabilized Handheld Camera |                     |                       |                       |                 | M/N: Summon           |                |             |           |
| Power: DC 3.7V from battery            |                     |                       |                       |                 |                       |                |             |           |
| Test date: 2016-06-18                  |                     |                       | Test site: 3m Chamber |                 | Tested by: Eric Huang |                |             |           |
| Test mode: Tx High                     |                     |                       |                       |                 |                       |                |             |           |
| Antenna polarity: Vertical             |                     |                       |                       |                 |                       |                |             |           |
| Freq (MHz)                             | Read Level (dBuV/m) | Antenna Factor (dB/m) | Cable loss(dB)        | Amp Factor (dB) | Result (dBuV/m)       | Limit (dBuV/m) | Margin (dB) | Remark    |
| 2483.5                                 | 43.2                | 27.89                 | 4                     | 34.97           | 40.12                 | 74             | 33.88       | <b>PK</b> |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |
| Antenna Polarity: Horizontal           |                     |                       |                       |                 |                       |                |             |           |
| 2483.5                                 | 43.42               | 27.89                 | 4                     | 34.97           | 40.34                 | 74             | 33.66       | <b>PK</b> |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |

Note:  
1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK  
2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS  
3, Result = Read level + Antenna factor + cable loss-Amp factor  
4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.

| Band Edge Test result                  |                     |                       |                |                       |                 |                |             |           |
|----------------------------------------|---------------------|-----------------------|----------------|-----------------------|-----------------|----------------|-------------|-----------|
| EUT: 3-Axis Stabilized Handheld Camera |                     |                       |                |                       | M/N: Summon     |                |             |           |
| Power: DC 3.7V from battery            |                     |                       |                |                       |                 |                |             |           |
| Test date: 2016-06-18                  |                     | Test site: 3m Chamber |                | Tested by: Eric Huang |                 |                |             |           |
| Test mode: Tx Low                      |                     |                       |                |                       |                 |                |             |           |
| Antenna polarity: Vertical             |                     |                       |                |                       |                 |                |             |           |
| Freq (MHz)                             | Read Level (dBuV/m) | Antenna Factor (dB/m) | Cable loss(dB) | Amp Factor (dB)       | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark    |
| 2390                                   | 43.5                | 27.62                 | 3.92           | 34.97                 | 40.07           | 74             | 33.93       | <b>PK</b> |
|                                        |                     |                       |                |                       |                 |                |             |           |
|                                        |                     |                       |                |                       |                 |                |             |           |
|                                        |                     |                       |                |                       |                 |                |             |           |
|                                        |                     |                       |                |                       |                 |                |             |           |
| Antenna Polarity: Horizontal           |                     |                       |                |                       |                 |                |             |           |
| 2390                                   | 43.82               | 27.62                 | 3.92           | 34.97                 | 40.39           | 74             | 33.61       | <b>PK</b> |
|                                        |                     |                       |                |                       |                 |                |             |           |
|                                        |                     |                       |                |                       |                 |                |             |           |
|                                        |                     |                       |                |                       |                 |                |             |           |
|                                        |                     |                       |                |                       |                 |                |             |           |

Note:  
1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto  
Detector: PK  
2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto  
Detector: RMS  
3, Result = Read level + Antenna factor + cable loss-Amp factor  
4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.

| Band Edge Test result                  |                     |                       |                       |                 |                       |                |             |        |
|----------------------------------------|---------------------|-----------------------|-----------------------|-----------------|-----------------------|----------------|-------------|--------|
| EUT: 3-Axis Stabilized Handheld Camera |                     |                       |                       |                 | M/N: Summon           |                |             |        |
| Power: DC 3.7V from battery            |                     |                       |                       |                 |                       |                |             |        |
| Test date: 2016-06-18                  |                     |                       | Test site: 3m Chamber |                 | Tested by: Eric Huang |                |             |        |
| Test mode: Tx High                     |                     |                       |                       |                 |                       |                |             |        |
| Antenna polarity: Vertical             |                     |                       |                       |                 |                       |                |             |        |
| Freq (MHz)                             | Read Level (dBuV/m) | Antenna Factor (dB/m) | Cable loss(dB)        | Amp Factor (dB) | Result (dBuV/m)       | Limit (dBuV/m) | Margin (dB) | Remark |
| 2483.5                                 | 42.91               | 27.89                 | 4                     | 34.97           | 39.83                 | 74             | 34.17       | PK     |
|                                        |                     |                       |                       |                 |                       |                |             |        |
|                                        |                     |                       |                       |                 |                       |                |             |        |
|                                        |                     |                       |                       |                 |                       |                |             |        |
|                                        |                     |                       |                       |                 |                       |                |             |        |
| Antenna Polarity: Horizontal           |                     |                       |                       |                 |                       |                |             |        |
| 2483.5                                 | 43.35               | 27.89                 | 4                     | 34.97           | 40.27                 | 74             | 33.73       | PK     |
|                                        |                     |                       |                       |                 |                       |                |             |        |
|                                        |                     |                       |                       |                 |                       |                |             |        |
|                                        |                     |                       |                       |                 |                       |                |             |        |
|                                        |                     |                       |                       |                 |                       |                |             |        |

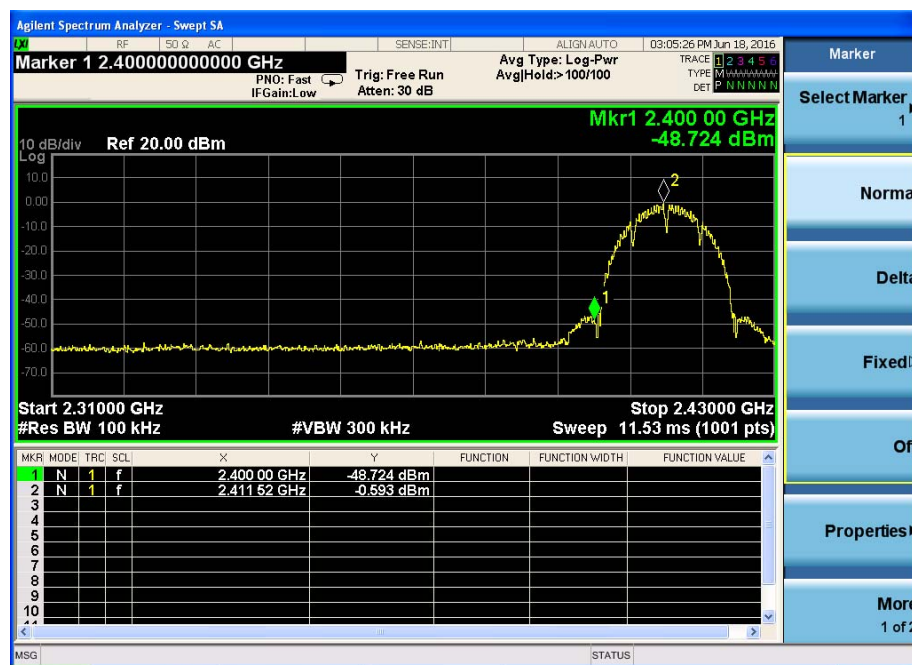
Note:  
1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK  
2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS  
3, Result = Read level + Antenna factor + cable loss-Amp factor  
4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.

| Band Edge Test result                  |                     |                       |                       |                 |                       |                |             |           |
|----------------------------------------|---------------------|-----------------------|-----------------------|-----------------|-----------------------|----------------|-------------|-----------|
| EUT: 3-Axis Stabilized Handheld Camera |                     |                       |                       |                 | M/N: Summon           |                |             |           |
| Power: DC 3.7V from battery            |                     |                       |                       |                 |                       |                |             |           |
| Test date: 2016-06-18                  |                     |                       | Test site: 3m Chamber |                 | Tested by: Eric Huang |                |             |           |
| Test mode: Tx Low                      |                     |                       |                       |                 |                       |                |             |           |
| Antenna polarity: Vertical             |                     |                       |                       |                 |                       |                |             |           |
| Freq (MHz)                             | Read Level (dBuV/m) | Antenna Factor (dB/m) | Cable loss(dB)        | Amp Factor (dB) | Result (dBuV/m)       | Limit (dBuV/m) | Margin (dB) | Remark    |
| 2390                                   | 43.5                | 27.62                 | 3.92                  | 34.97           | 40.07                 | 74             | 33.93       | <b>PK</b> |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |
| Antenna Polarity: Horizontal           |                     |                       |                       |                 |                       |                |             |           |
| 2390                                   | 43.46               | 27.62                 | 3.92                  | 34.97           | 40.03                 | 74             | 33.97       | <b>PK</b> |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |
|                                        |                     |                       |                       |                 |                       |                |             |           |

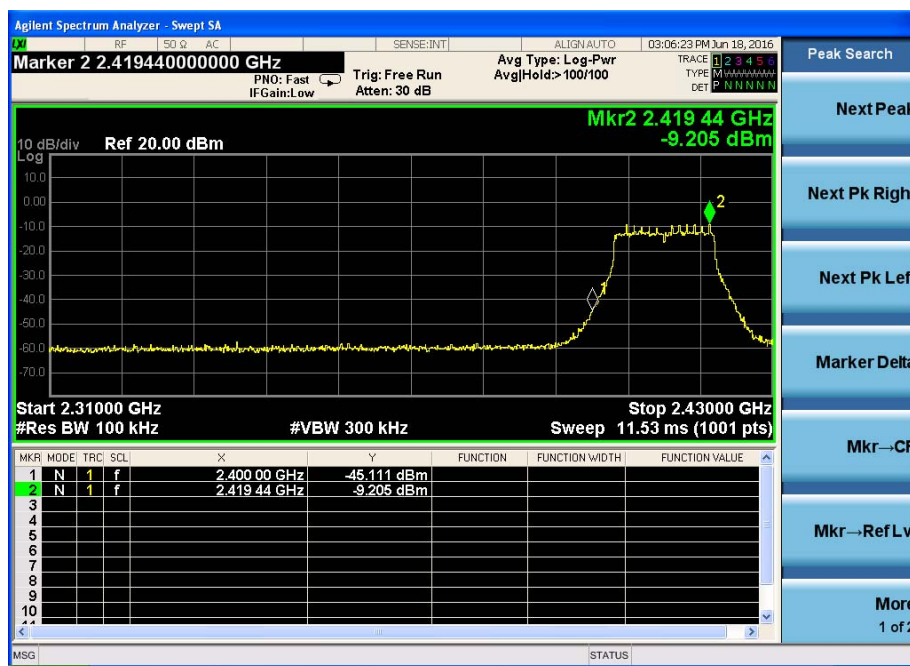
Note:  
1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK  
2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS  
3, Result = Read level + Antenna factor + cable loss-Amp factor  
4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.

| Band Edge Test result                                                                             |                     |                       |                |                 |                       |                |             |        |
|---------------------------------------------------------------------------------------------------|---------------------|-----------------------|----------------|-----------------|-----------------------|----------------|-------------|--------|
| EUT: 3-Axis Stabilized Handheld Camera                                                            |                     |                       |                |                 | M/N: Summon           |                |             |        |
| Power: DC 3.7V from battery                                                                       |                     |                       |                |                 |                       |                |             |        |
| Test date: 2016-06-18                                                                             |                     | Test site: 3m Chamber |                |                 | Tested by: Eric Huang |                |             |        |
| Test mode: Tx High                                                                                |                     |                       |                |                 |                       |                |             |        |
| Antenna polarity: Vertical                                                                        |                     |                       |                |                 |                       |                |             |        |
| Freq (MHz)                                                                                        | Read Level (dBuV/m) | Antenna Factor (dB/m) | Cable loss(dB) | Amp Factor (dB) | Result (dBuV/m)       | Limit (dBuV/m) | Margin (dB) | Remark |
| 2483.5                                                                                            | 42.75               | 27.89                 | 4              | 34.97           | 39.67                 | 74             | 34.33       | PK     |
|                                                                                                   |                     |                       |                |                 |                       |                |             |        |
|                                                                                                   |                     |                       |                |                 |                       |                |             |        |
|                                                                                                   |                     |                       |                |                 |                       |                |             |        |
|                                                                                                   |                     |                       |                |                 |                       |                |             |        |
| Antenna Polarity: Horizontal                                                                      |                     |                       |                |                 |                       |                |             |        |
| 2483.5                                                                                            | 43.52               | 27.89                 | 4              | 34.97           | 40.44                 | 74             | 33.56       | PK     |
|                                                                                                   |                     |                       |                |                 |                       |                |             |        |
|                                                                                                   |                     |                       |                |                 |                       |                |             |        |
|                                                                                                   |                     |                       |                |                 |                       |                |             |        |
|                                                                                                   |                     |                       |                |                 |                       |                |             |        |
| Note:                                                                                             |                     |                       |                |                 |                       |                |             |        |
| 1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK                 |                     |                       |                |                 |                       |                |             |        |
| 2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS                |                     |                       |                |                 |                       |                |             |        |
| 3, Result = Read level + Antenna factor + cable loss-Amp factor                                   |                     |                       |                |                 |                       |                |             |        |
| 4, All the other emissions not reported were too low to read and deemed to comply with FCC limit. |                     |                       |                |                 |                       |                |             |        |

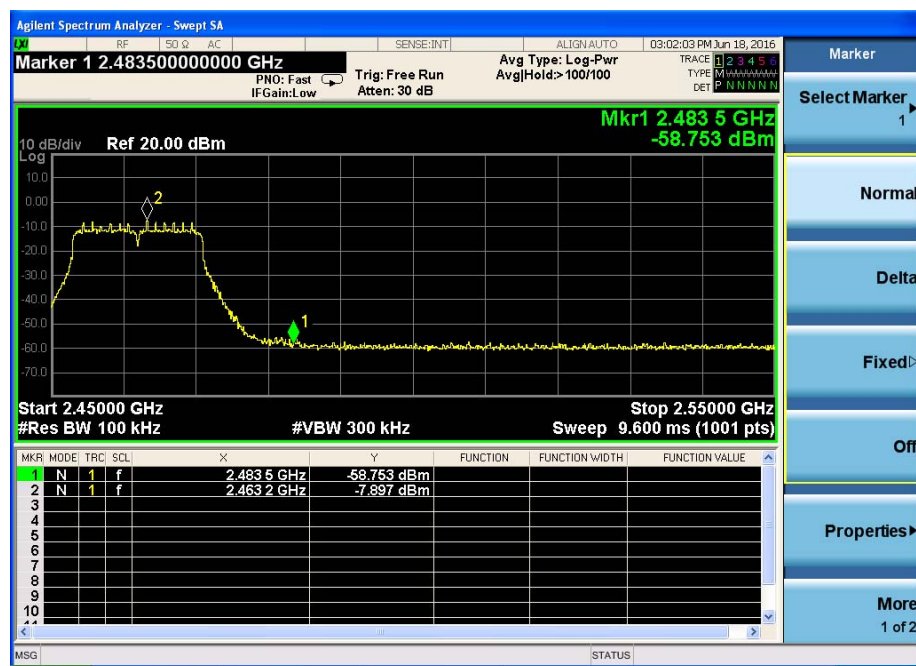
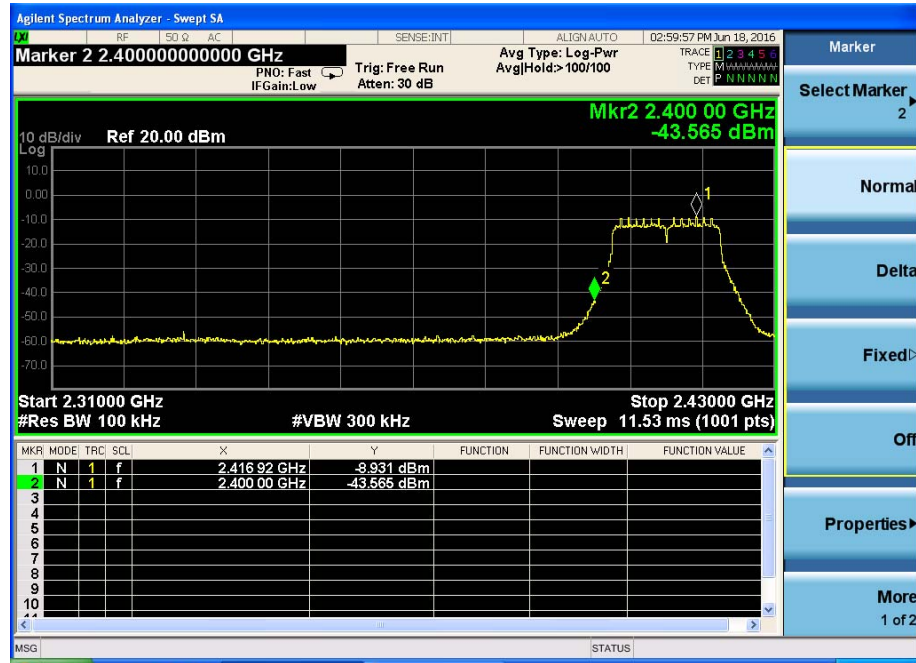
Conducted Method:  
802.11b



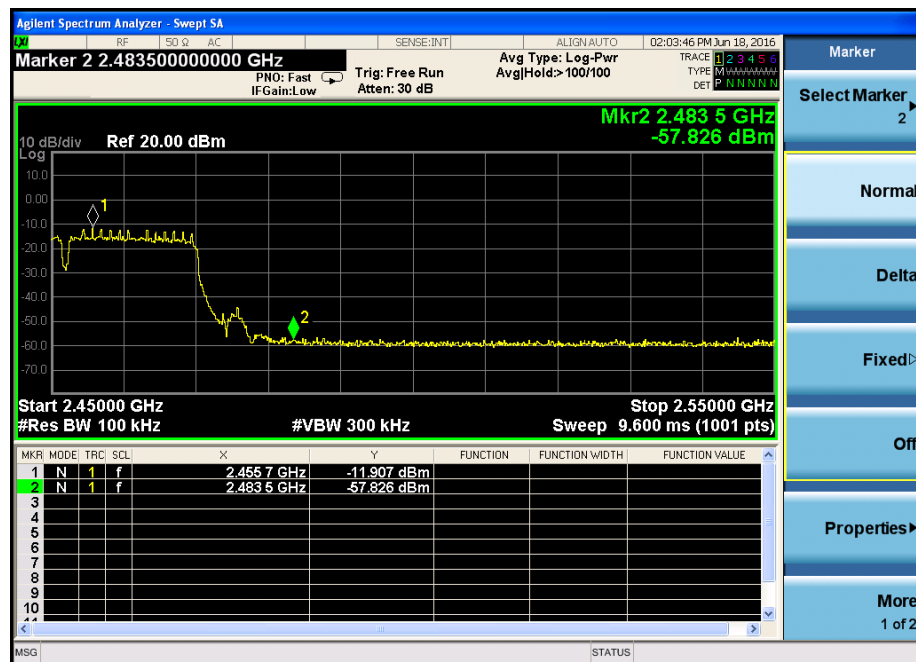
802.11g



802.11n HT20



802.11n HT40



## 11 Antenna Requirement

### 11.1 Standard Requirement

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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

### 11.2 Antenna Connected Construction

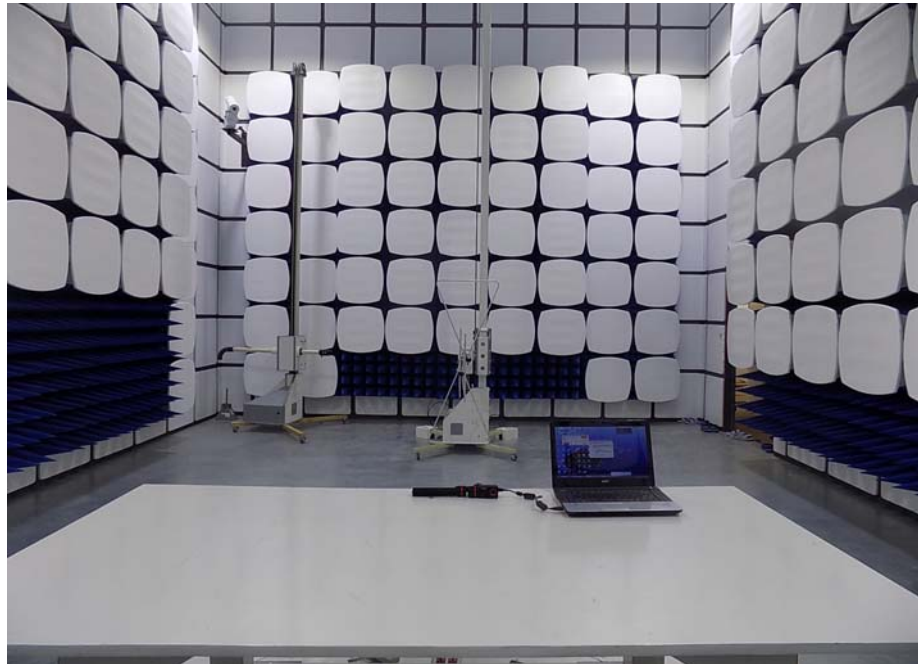
The antenna connector is unique antenna and no consideration of replacement. Please see EUT photo for details.

### 11.3 Result

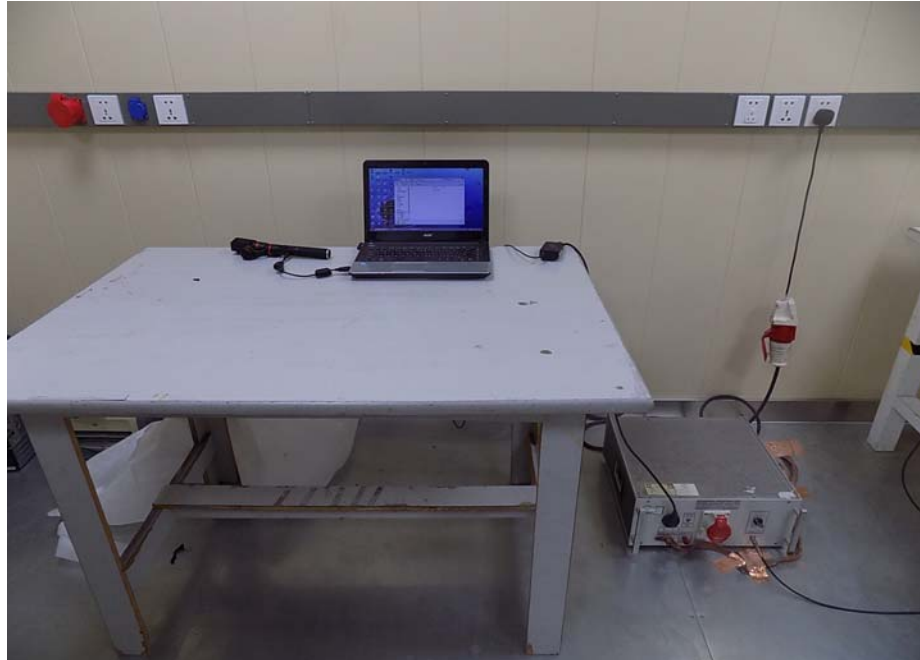
The EUT antenna is PCB Antenna. It comply with the standard requirement.

## 12 Test setup photo

Photographs-Radiated Emission Test Setup in Chamber



Photos of conducted emission



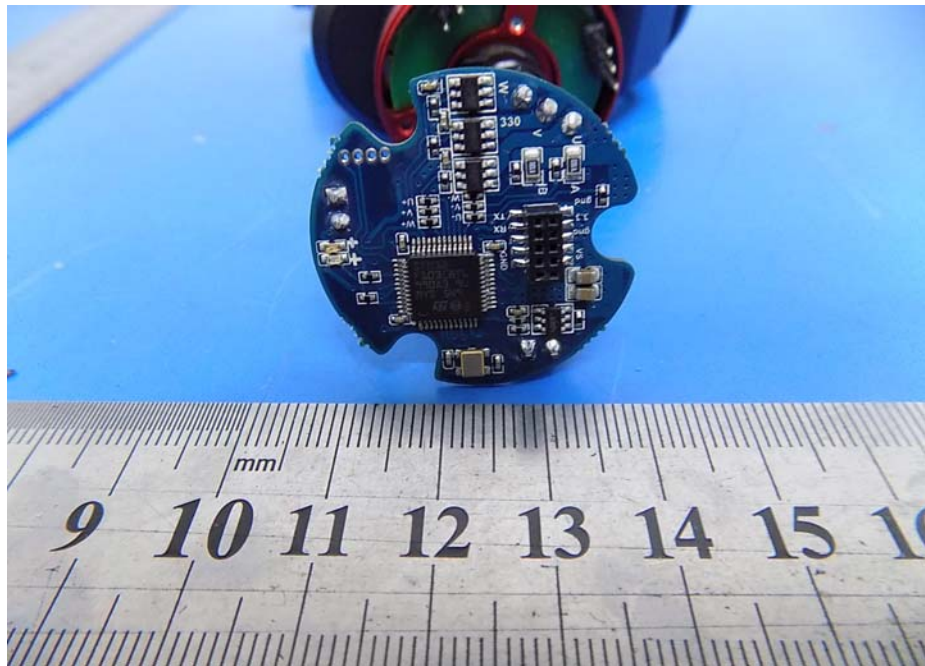
## 13 Photos of EUT

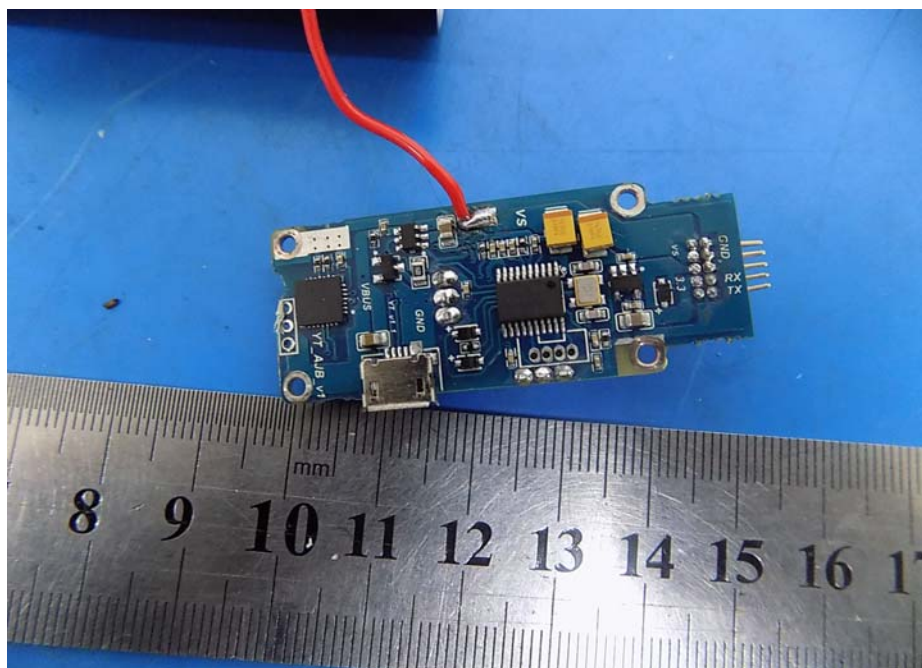
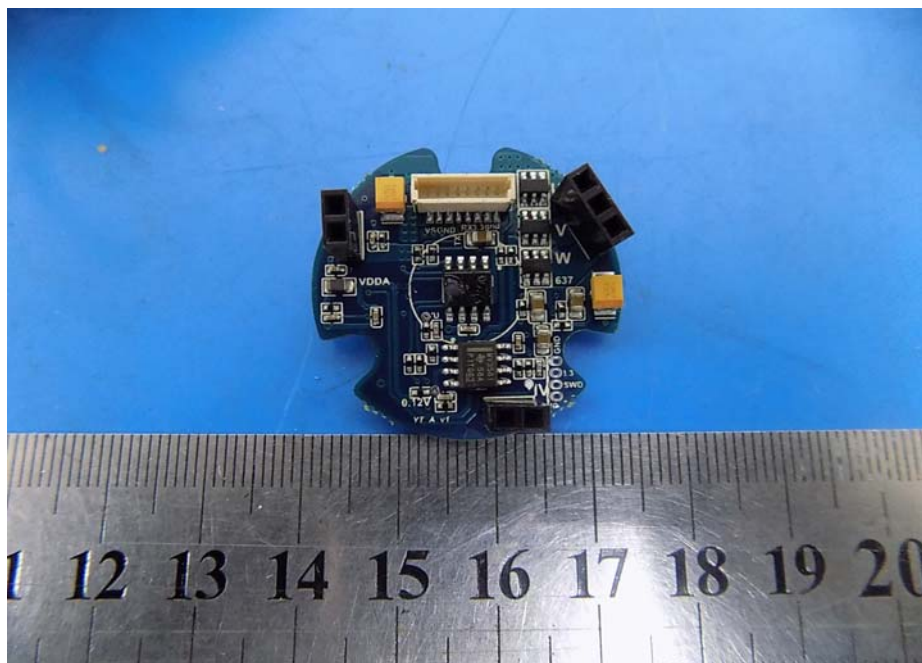


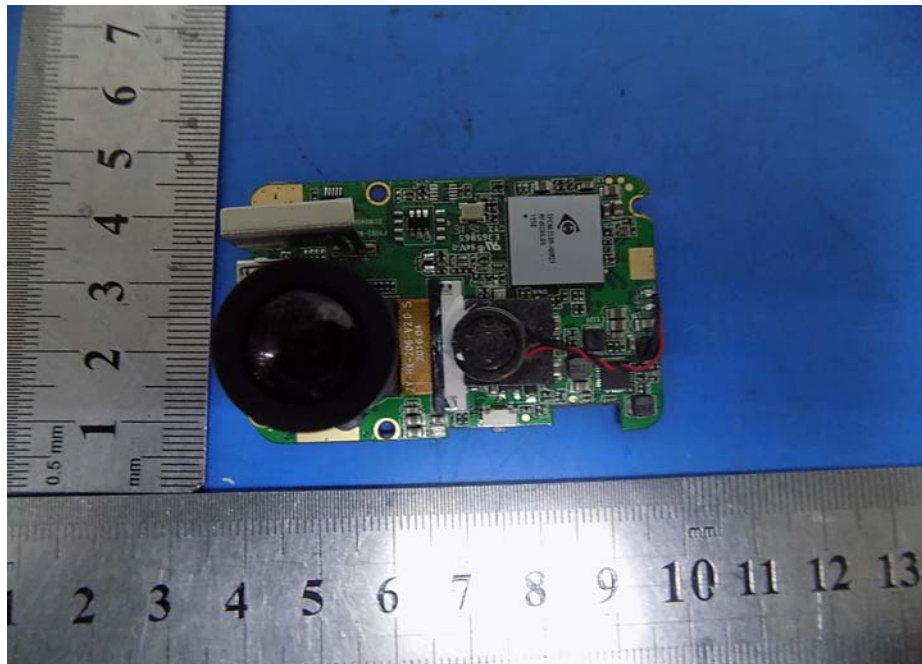
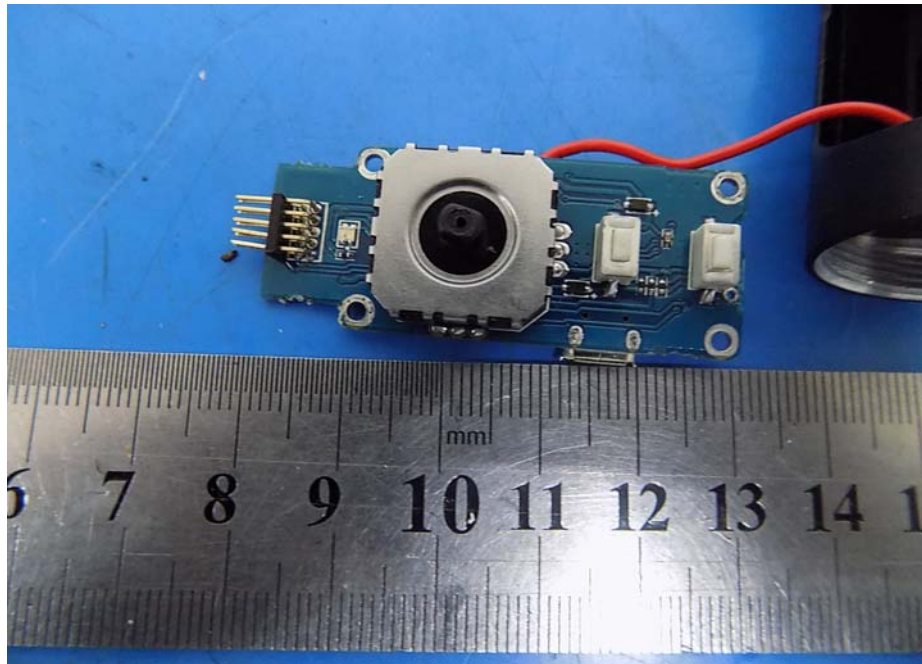


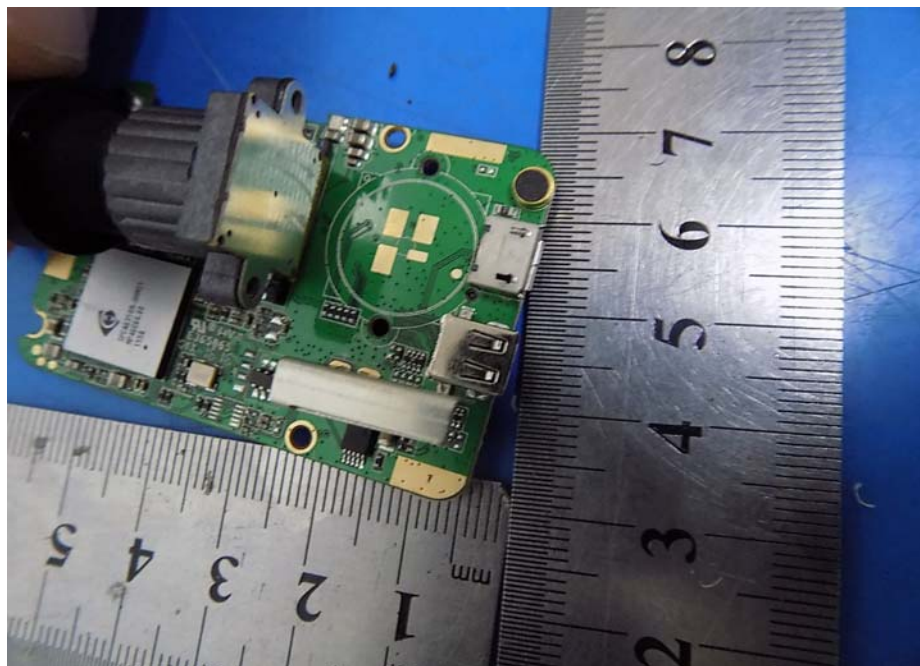


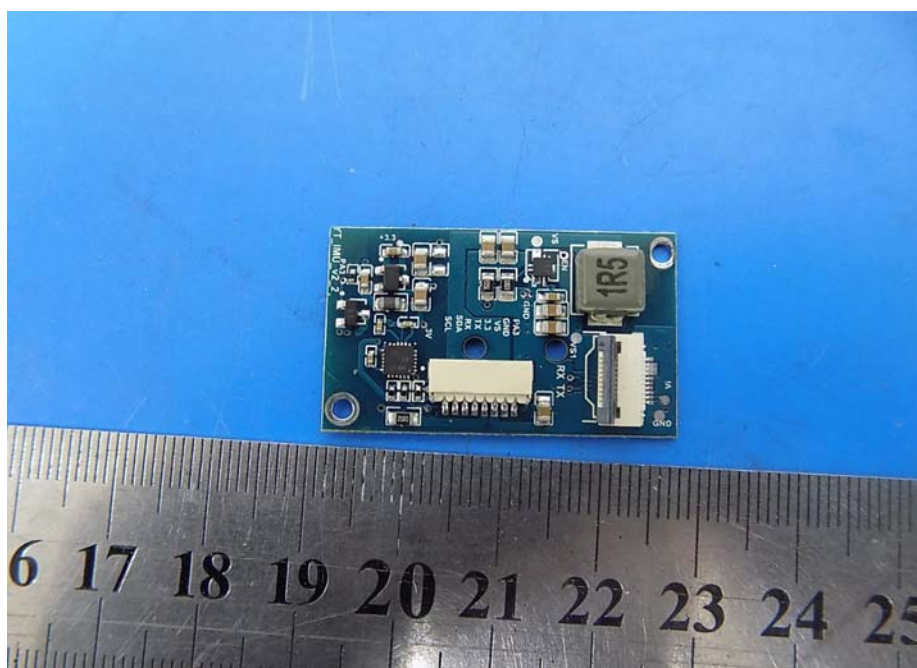


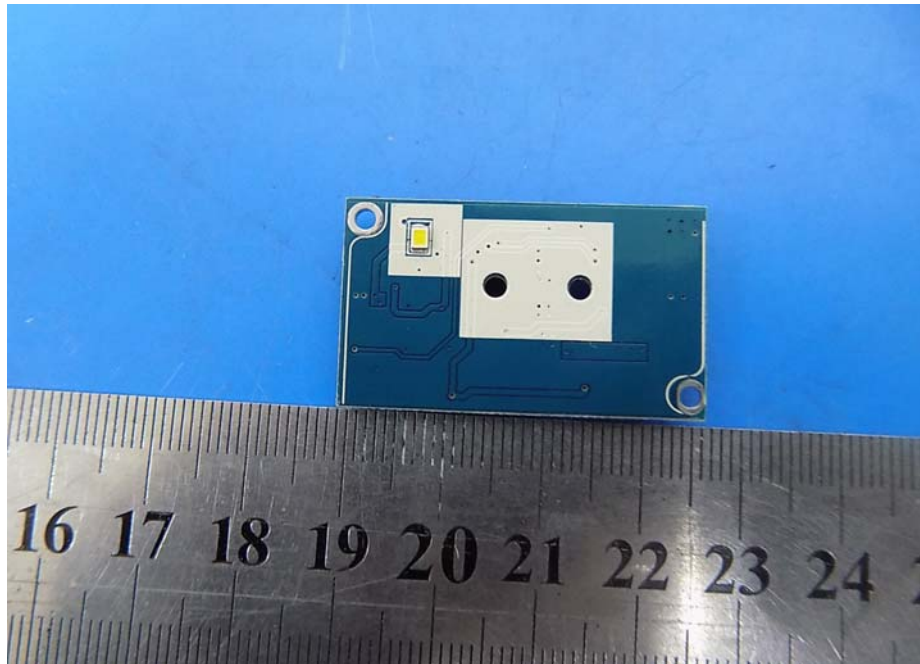












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