

Shenzhen Huatongwei International Inspection Co., Ltd.

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TEST REPORT

Report Reference No.....:: TRE16050077 R/C.....: 67357

FCC ID.....: 2AAP6SC241BA

Applicant's name.....: SHENZHEN ZOWEE TECHNOLOGY CO.,LTD

Address...... Science &Technology Industrial Park of Privately Owned

Enterprises, Pingshan, Xili, Nanshan District, Shenzhen, CHINA

Manufacturer...... SHENZHEN ZOWEE TECHNOLOGY CO.,LTD

Address..... Science &Technology Industrial Park of Privately Owned

Enterprises, Pingshan, Xili, Nanshan District, Shenzhen, CHINA

Test item description: Smart Wifi Camera

Trade Mark Zowee

Model/Type reference..... SC-241AA

Listed Model(s) IPC3516C-241AA-ZW

Standard: FCC CFR Title 47 Part 15 Subpart C Section 15.247

Date of receipt of test sample............ Jul. 01, 2016

Date of testing...... Jul. 01, 2016~ Jul. 06, 2016

Result...... PASS

Testing Laboratory Name:

Compiled by

(position+printedname+signature)...: File administrators Candy Liu

Condy Liu

Supervised by

(position+printedname+signature)....: Project Engineer Jeff Sun

Jeff Sun Hours ou

Approved by

(position+printedname+signature)....: RF Manager Hans Hu

Shenzhen Huatongwei International Inspection Co., Ltd.

Gongming, Shenzhen, China

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1. APPLICABLE STANDARDS ANDTEST DESCRIPTION

1.1. Applicable Standards

The tests were performed according to following standards: FCC Rules Part 15.247: Frequency Hopping, Direct Spread Spectrum and Hybrid Systems that are in operation within the bands of 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz.

ANSI C63.10-2013: American National Standard for Testing Unlicensed Wireless Devices

KDB 558074 D01 DTS Meas Guidance v03r05: Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating under § 15.247

1.2. Test Description

| Test Item | Section in CFR 47 | Result |
|-------------------|-------------------|--------|
| Spurious Emission | 15.247(d)/15.209 | Pass |

Remark: The measurement uncertainty is not included in the test result.

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2. **SUMMARY**

2.1. Client Information

| Applicant: | SHENZHEN ZOWEE TECHNOLOGY CO.,LTD |
|---------------|--|
| Address: | Science &Technology Industrial Park of Privately Owned Enterprises, Pingshan, Xili, Nanshan District, Shenzhen, CHINA |
| Manufacturer: | SHENZHEN ZOWEE TECHNOLOGY CO.,LTD |
| Address: | Science &Technology Industrial Park of Privately Owned Enterprises, Pingshan, Xili, Nanshan District, Shenzhen, CHINA |

2.2. Product Description

| Name of EUT | Smart Wifi Camera |
|------------------------|---|
| Trade Mark: | Zowee |
| Model No.: | SC-241AA |
| Listed Model(s): | IPC3516C-241AA-ZW |
| Power supply: | AC 120V/60Hz |
| Adapter information 1: | Model:LPL-A005050100Z Input: AC 100-240V 50/60Hz 200mA Max Output: 5Vd.c., 1000mA |
| Adapter information 2: | Model:RD0501000-USBA-18MG Input: AC 100-240V 50/60Hz 0.25A Max Output: 5Vd.c., 1000mA |
| Hardware version: | V1.0 |
| Software version: | V1.0 |
| WIFI | |
| Supported type: | 802.11b/802.11g/802.11n(H20)/802.11n(H40) |
| Modulation: | 802.11b: DSSS 802.11g/802.11n(H20)/802.11n(H40):OFDM |
| Operation frequency: | 802.11b/802.11g/802.11n(H20): 2412MHz~2462MHz 802.11n(H40): 2422MHz~2452MHz |
| Channel number: | 802.11b/802.11g/802.11n(H20): 11 802.11n(H40): 9 |
| Channel separation: | 5MHz |
| Antenna type: | FPC |
| Antenna gain: | 2.5dBi |

Report version information:

This copy was issued based on TRE1605007401(Issued dated:2016-06-12) Only the data of test item Spurious Emission (radiated) was updated.

New models were added in the new report.

Internal photos was updated.

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2.3. Operation state

♦ Test frequency list

According to section 15.31(m), regards to the operating frequency range over 10 MHz, must select three channel which were tested. the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, please see the above gray bottom.

| Channel | Frequency (MHz) |
|---------|-----------------|
| 01 | 2412 |
| 02 | 2417 |
| 03 | 2422 |
| 04 | 2427 |
| 05 | 2432 |
| 06 | 2437 |
| 07 | 2442 |
| 08 | 2447 |
| 09 | 2452 |
| 10 | 2457 |
| 11 | 2462 |

♦ Test mode

For RF test items:

the engineering test program was provided and enabled to make EUT continuous transmit/receive.

For AC power line conducted emissions:

the EUT was set to connect with the WLAN AP under large package sizes transmission.

2.4. EUT configuration

The following peripheral devices and interface cables were connected during the measurement:

supplied by the manufacturer

O - supplied by the lab

| 0 | PowerCable | Length (m): | / |
|---|------------|---------------|---|
| | | Shield : | / |
| | | Detachable : | / |
| 0 | Multimeter | Manufacturer: | / |
| | | Model No. : | / |

2.5. Modifications

No modifications were implemented to meet testing criteria.

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3. TEST ENVIRONMENT

3.1. Address of the test laboratory

Laboratory: Shenzhen Huatongwei International Inspection Co., Ltd.

Address: 1/F, Bldg 3, Hongfa Hi-tech Industrial Park, Genyu Road, Tianliao, Gongming, Shenzhen, China

Phone: 86-755-26748019 Fax: 86-755-26748089

3.2. Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

CNAS-Lab Code: L1225

Shenzhen Huatongwei International Inspection Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2005 General Requirements) for the Competence of Testing and Calibration Laboratories, Date of Registration: February 28, 2015. Valid time is until February 27, 2018.

A2LA-Lab Cert. No. 3902.01

Shenzhen Huatongwei International Inspection Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing. Valid time is until December 31, 2016.

FCC-Registration No.: 317478

Shenzhen Huatongwei International Inspection Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. Registration 317478, Renewal date Jul. 18, 2014, valid time is until Jul. 18, 2017.

IC-Registration No.: 5377A&5377B

The 3m Alternate Test Site of Shenzhen Huatongwei International Inspection Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No. 5377A on Dec. 31, 2013, valid time is until Dec. 31, 2016.

Two 3m Alternate Test Site of Shenzhen Huatongwei International Inspection Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No. 5377B on Dec.03, 2014, valid time is until Dec.03, 2017.

ACA

Shenzhen Huatongwei International Inspection Co., Ltd. EMC Laboratory can also perform testing for the Australian C-Tick mark as a result of our A2LA accreditation.

VCCI

Radiated disturbance above 1GHz measurement of Shenzhen Huatongwei International Inspection Co., Ltd. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-292. Date of Registration: Dec. 24, 2013. Valid time is until Dec. 23, 2016.

Telecommunication Ports Conducted Interference Measurement of Shenzhen Huatongwei International Inspection Co., Ltd. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: T-1837. Date of Registration: May 07, 2013. Valid time is until May 06, 2016.

DNV

Shenzhen Huatongwei International Inspection Co., Ltd. has been found to comply with the requirements of DNV towards subcontractor of EMC and safety testing services in conjunction with the EMC and Low voltage Directives and in the voluntary field. The acceptance is based on a formal quality Audit and follow-ups according to relevant parts of ISO/IEC Guide 17025 (2005), in accordance with the requirements of the DNV Laboratory Quality Manual towards subcontractors. Valid time is until Aug. 24, 2016.

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3.3. Equipments Used during the Test

| Radia | Radiated Emission | | | | | | | | |
|-------|----------------------------|-------------------|-----------|-------------|------------|--|--|--|--|
| Item | Test Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | | | | |
| 1 | EMI TEST RECEIVER | Rohde&Schwarz | ESI 26 | 100009 | 2015/11/02 | | | | |
| 2 | RF TEST PANEL | Rohde&Schwarz | TS / RSP | 335015/0017 | N/A | | | | |
| 3 | EMI TEST SOFTWARE | Rohde&Schwarz | ESK1 | N/A | N/A | | | | |
| 4 | Ultra-Broadband Antenna | ShwarzBeck | VULB9163 | 538 | 2015/11/08 | | | | |
| 5 | HORN ANTENNA | ShwarzBeck | 9120D | 1011 | 2015/11/08 | | | | |
| 6 | Loop Antenna | Rohde&Schwarz | HZ-9 | 838622\013 | 2015/11/08 | | | | |
| 7 | Pre-amplifer | SCHWARZBECK | BBV 9743 | 9743-0022 | 2015/11/02 | | | | |
| 8 | TURNTABLE | MATURO | TT2.0 | | N/A | | | | |
| 9 | ANTENNA MAST | MATURO | TAM-4.0-P | | N/A | | | | |
| 10 | EMI TEST SOFTWARE | Audix | E3 | N/A | N/A | | | | |
| 11 | Test cable | Siva Cables Italy | RG 58A/U | W14.02 | 2015/12/05 | | | | |

The Cal.Interval was one year

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3.4. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

| Temperature: | 15~35°C | | |
|------------------|-------------|--|--|
| lative Humidity: | 30~60 % | | |
| Air Pressure: | 950~1050mba | | |

3.5. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to TR-100028-01"Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics; Part 1"and TR-100028-02 "Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics; Part 2 " and is documented in the Shenzhen Huatongwei International Inspection Co., Ltd quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for Shenzhen Huatongwei laboratory is reported:

| Test Items | MeasurementUncertainty | Notes |
|--|------------------------|-------|
| Radiated spurious emission 9KHz-40 GHz | 2.20 dB | (1) |

⁽¹⁾ This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

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4. TEST CONDITIONS AND RESULTS

4.1. Spurious Emission (radiated)

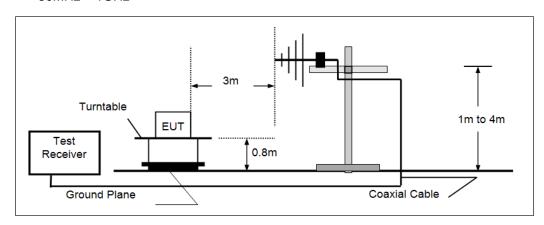
LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.209

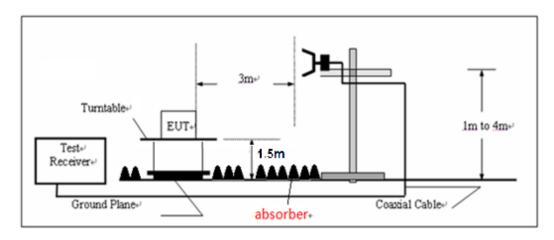
| Frequency | Limit (dBuV/m @3m) | Value |
|---------------|--------------------|------------|
| 30MHz-88MHz | 40.00 | Quasi-peak |
| 88MHz-216MHz | 43.50 | Quasi-peak |
| 216MHz-960MHz | 46.00 | Quasi-peak |
| 960MHz-1GHz | 54.00 | Quasi-peak |
| Above 1GHz | 54.00 | Average |
| Above 1GH2 | 74.00 | Peak |

TEST CONFIGURATION

• 30MHz ~ 1GHz



Above 1GHz



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TEST PROCEDURE

- 1. The EUT was tested according to ANSI C63.10:2013 for compliance to FCC 47CFR 15.247 requirements.
- 2. The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated360 degrees to determine the position of the maximum emission level.
- 3. The EUT waspositioned such that the distance from antenna to the EUT was 3 meters.
- 4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna.
- 5. Use the following spectrum analyzer settings
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Below 1GHz, RBW=120KHz, VBW=300KHz, Sweep=auto, Detector function=peak, Trace=max hold; If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, theemission measurement will be repeated using the quasi-peak detector and reported.
 - (3) Above 1GHz, RBW=1MHz, VBW=3MHz for Peak value

RBW=1MHz, VBW=3MHz for Average value.

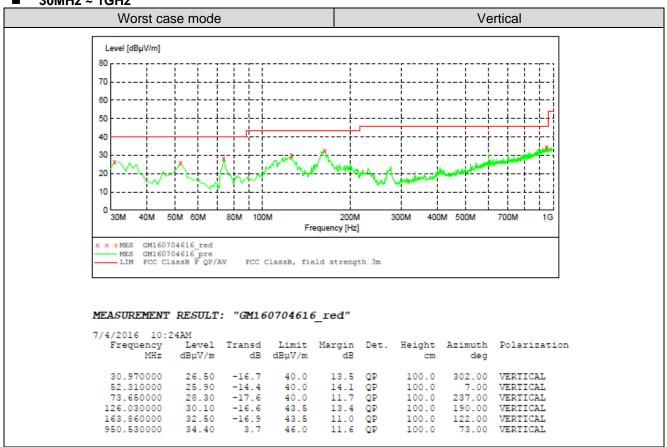
TEST RESULTS

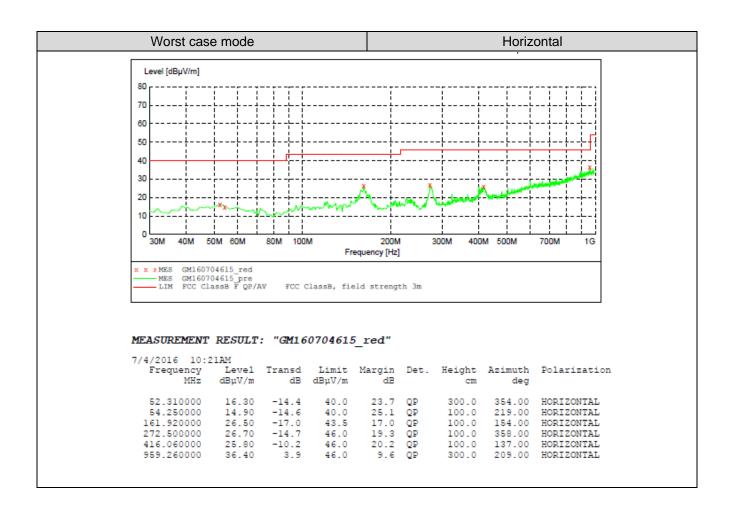
Measurement data:

- 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "*", means this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.

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■ 30MHz ~ 1GHz





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■ Above 1 GHz ~12.75GHz

| - Above 1 0112 ~ 12.7 30112 | | | | | | | | | |
|-----------------------------|-------------------------|-----------------------------|-----------------------|--------------------------|-------------------|------------------------|-------------------------|--------------|---------------|
| | CH01 for 802.11b | | | | | | | | |
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 2400.00 | 48.26 | 27.58 | 3.90 | 35.62 | 44.12 | 74.00 | -29.88 | Vertical | |
| 4824.00 | 40.92 | 29.18 | 8.61 | 37.99 | 40.72 | 74.00 | -33.28 | Vertical | |
| 7236.00 | 36.00 | 36.17 | 10.95 | 38.15 | 44.97 | 74.00 | -29.03 | Vertical | |
| 9648.00 | 37.54 | 38.20 | 12.17 | 38.08 | 49.83 | 74.00 | -24.17 | Vertical | |
| 12060.00 | * | | | | | 74.00 | | Vertical | Daal |
| 2400.00 | 48.06 | 27.58 | 3.90 | 35.62 | 43.92 | 74.00 | -30.08 | Horizontal | Peak |
| 4824.00 | 38.98 | 32.00 | 9.53 | 38.39 | 42.12 | 74.00 | -31.88 | Horizontal | |
| 7236.00 | 38.15 | 35.92 | 6.94 | 35.18 | 45.83 | 74.00 | -28.17 | Horizontal | |
| 9648.00 | 40.99 | 38.20 | 12.17 | 38.08 | 53.28 | 74.00 | -20.72 | Horizontal | |
| 12060.00 | * | | | | | 74.00 | | Horizontal | |
| 2400.00 | 40.62 | 27.58 | 3.90 | 35.62 | 36.48 | 54.00 | -17.52 | Vertical | |
| 4824.00 | 40.14 | 29.18 | 8.61 | 37.99 | 39.94 | 54.00 | -14.06 | Vertical | |
| 7236.00 | 27.95 | 36.17 | 10.95 | 38.15 | 36.92 | 54.00 | -17.08 | Vertical | |
| 9648.00 | 28.08 | 38.20 | 12.17 | 38.08 | 40.37 | 54.00 | -13.63 | Vertical | |
| 12060.00 | * | | | | | 54.00 | | Vertical | A |
| 2400.00 | 40.18 | 27.58 | 3.90 | 35.62 | 36.04 | 54.00 | -17.96 | Horizontal | Average |
| 4824.00 | 41.54 | 32.00 | 9.53 | 38.39 | 44.68 | 54.00 | -9.32 | Horizontal | |
| 7236.00 | 28.58 | 35.92 | 6.94 | 35.18 | 36.26 | 54.00 | -17.74 | Horizontal | |
| 9648.00 | 28.03 | 38.20 | 12.17 | 38.08 | 40.32 | 54.00 | -13.68 | Horizontal | |
| 12060.00 | * | | | | | 54.00 | | Horizontal | |

| | CH06 for 802.11b | | | | | | | | |
|--------------------|-------------------------|-----------------------------|-----------------------|--------------------------|-------------------|------------------------|-------------------------|--------------|---------------|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 4874.00 | 39.15 | 30.91 | 8.99 | 38.34 | 40.71 | 74.00 | -33.29 | Vertical | |
| 7311.00 | 35.16 | 35.44 | 10.53 | 38.02 | 43.11 | 74.00 | -30.89 | Vertical | |
| 9748.00 | 38.13 | 38.02 | 12.17 | 38.08 | 50.24 | 74.00 | -23.76 | Vertical | |
| 12185.00 | * | | | | | 74.00 | | Vertical | Dook |
| 4874.00 | 38.15 | 30.24 | 8.81 | 38.17 | 39.03 | 74.00 | -34.97 | Horizontal | Peak |
| 7311.00 | 36.88 | 35.44 | 10.53 | 38.02 | 44.83 | 74.00 | -29.17 | Horizontal | |
| 9748.00 | 37.32 | 38.20 | 12.17 | 38.08 | 49.61 | 74.00 | -24.39 | Horizontal | |
| 12185.00 | * | | | | | 74.00 | | Horizontal | |
| 4874.00 | 39.86 | 30.91 | 8.99 | 38.34 | 41.42 | 54.00 | -12.58 | Vertical | |
| 7311.00 | 29.19 | 35.44 | 10.53 | 38.02 | 37.14 | 54.00 | -16.86 | Vertical | |
| 9748.00 | 28.38 | 38.02 | 12.17 | 38.08 | 40.49 | 54.00 | -13.51 | Vertical | |
| 12185.00 | * | | | | | 54.00 | | Vertical | Average |
| 4874.00 | 43.30 | 30.24 | 8.81 | 38.17 | 44.18 | 54.00 | -9.82 | Horizontal | Average |
| 7311.00 | 28.28 | 35.44 | 10.53 | 38.02 | 36.23 | 54.00 | -17.77 | Horizontal | |
| 9748.00 | 27.71 | 38.20 | 12.17 | 38.08 | 40.00 | 54.00 | -14.00 | Horizontal | |
| 12185.00 | * | | | | | 54.00 | | Horizontal | |

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "*", means this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.

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| - | | | | | | | | | |
|--------------------|-------------------------|-----------------------------|-----------------------|--------------------------|-------------------|------------------------|-------------------------|--------------|---------------|
| CH11 for 802.11b | | | | | | | | | |
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 2483.50 | 49.76 | 27.85 | 3.96 | 35.65 | 45.92 | 74.00 | -28.08 | Vertical | |
| 4924.00 | 45.62 | 31.17 | 9.31 | 38.62 | 47.48 | 74.00 | -26.52 | Vertical | |
| 7386.00 | 35.87 | 36.72 | 11.24 | 38.24 | 45.59 | 74.00 | -28.41 | Vertical | |
| 9848.00 | 37.66 | 38.33 | 12.39 | 38.12 | 50.26 | 74.00 | -23.74 | Vertical | |
| 12310.00 | * | | | | | 74.00 | | Vertical | Dools |
| 2400.00 | 47.51 | 27.85 | 3.96 | 35.65 | 43.67 | 74.00 | -30.33 | Horizontal | Peak |
| 4924.00 | 48.79 | 31.17 | 9.31 | 38.62 | 50.65 | 74.00 | -23.35 | Horizontal | |
| 7386.00 | 39.51 | 36.13 | 10.93 | 38.14 | 48.43 | 74.00 | -25.57 | Horizontal | |
| 9848.00 | 41.13 | 38.33 | 12.39 | 38.12 | 53.73 | 74.00 | -20.27 | Horizontal | |
| 12310.00 | * | | | | | 74.00 | | Horizontal | |
| 2483.50 | 41.90 | 27.85 | 3.96 | 35.65 | 38.06 | 54.00 | -15.94 | Vertical | |
| 4924.00 | 39.41 | 31.17 | 9.31 | 38.62 | 41.27 | 54.00 | -12.73 | Vertical | |
| 7386.00 | 27.60 | 36.72 | 11.24 | 38.24 | 37.32 | 54.00 | -16.68 | Vertical | |
| 9848.00 | 26.91 | 38.33 | 12.39 | 38.12 | 39.51 | 54.00 | -14.49 | Vertical | |
| 12310.00 | * | | | | | 54.00 | | Vertical | A |
| 2483.50 | 39.44 | 27.85 | 3.96 | 35.65 | 35.60 | 54.00 | -18.40 | Horizontal | Average |
| 4924.00 | 42.75 | 31.17 | 9.31 | 38.62 | 44.61 | 54.00 | -9.39 | Horizontal | |
| 7386.00 | 38.60 | 36.13 | 10.93 | 38.14 | 47.52 | 54.00 | -6.48 | Horizontal | |
| 9848.00 | 28.37 | 38.33 | 12.39 | 38.12 | 40.97 | 54.00 | -13.03 | Horizontal | |
| 12310.00 | * | | | | | 54.00 | | Horizontal | |

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "*", means this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.

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| - report re- | 1 age: 14 01 00 Date 01 13 de: 20 10 07 00 | | | | | | | | | |
|--------------------|--|-----------------------------|-----------------------|--------------------------|-------------------|------------------------|-------------------------|--------------|---------------|--|
| | | | | CH01 | for 802.11g | | | | | |
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value | |
| 2400.00 | 47.80 | 27.58 | 3.90 | 35.62 | 43.66 | 74.00 | -30.34 | Vertical | | |
| 4824.00 | 43.59 | 29.18 | 8.61 | 37.99 | 43.39 | 74.00 | -30.61 | Vertical | | |
| 7236.00 | 35.58 | 36.17 | 10.95 | 38.15 | 44.55 | 74.00 | -29.45 | Vertical | | |
| 9648.00 | 35.18 | 38.20 | 12.17 | 38.08 | 47.47 | 74.00 | -26.53 | Vertical | | |
| 12060.00 | * | | | | | 74.00 | | Vertical | Dools | |
| 2400.00 | 46.25 | 27.58 | 3.90 | 35.62 | 42.11 | 74.00 | -31.89 | Horizontal | Peak | |
| 4824.00 | 41.22 | 32.00 | 9.53 | 38.39 | 44.36 | 74.00 | -29.64 | Horizontal | | |
| 7236.00 | 35.61 | 35.92 | 6.94 | 35.18 | 43.29 | 74.00 | -30.71 | Horizontal | | |
| 9648.00 | 36.22 | 38.20 | 12.17 | 38.08 | 48.51 | 74.00 | -25.49 | Horizontal | | |
| 12060.00 | * | | | | | 74.00 | | Horizontal | | |
| 2400.00 | 40.45 | 27.58 | 3.90 | 35.62 | 36.31 | 54.00 | -17.69 | Vertical | | |
| 4824.00 | 38.38 | 29.18 | 8.61 | 37.99 | 38.18 | 54.00 | -15.82 | Vertical | | |
| 7236.00 | 28.40 | 36.17 | 10.95 | 38.15 | 37.37 | 54.00 | -16.64 | Vertical | | |
| 9648.00 | 27.34 | 38.20 | 12.17 | 38.08 | 39.63 | 54.00 | -14.37 | Vertical | | |
| 12060.00 | * | | | | | 54.00 | | Vertical | A., | |
| 2400.00 | 39.81 | 27.58 | 3.90 | 35.62 | 35.67 | 54.00 | -18.33 | Horizontal | Average | |
| 4824.00 | 35.00 | 32.00 | 9.53 | 38.39 | 38.14 | 54.00 | -15.86 | Horizontal | | |
| 7236.00 | 28.95 | 35.92 | 6.94 | 35.18 | 36.63 | 54.00 | -17.37 | Horizontal | | |
| 9648.00 | 27.61 | 38.20 | 12.17 | 38.08 | 39.90 | 54.00 | -14.10 | Horizontal | | |
| 12060.00 | * | | | | | 54.00 | | Horizontal | | |

| | CH06 for 802.11g | | | | | | | | | | |
|--------------------|-------------------------|-----------------------------|-----------------------|--------------------------|-------------------|------------------------|-------------------------|--------------|---------------|--|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value | | |
| 4874.00 | 43.41 | 30.91 | 8.99 | 38.34 | 44.97 | 74.00 | -29.03 | Vertical | | | |
| 7311.00 | 34.78 | 35.44 | 10.53 | 38.02 | 42.73 | 74.00 | -31.27 | Vertical | | | |
| 9748.00 | 36.06 | 38.02 | 12.17 | 38.08 | 48.17 | 74.00 | -25.83 | Vertical | | | |
| 12185.00 | * | | | | | 74.00 | | Vertical | Dools | | |
| 4874.00 | 44.85 | 30.24 | 8.81 | 38.17 | 45.73 | 74.00 | -28.27 | Horizontal | Peak | | |
| 7311.00 | 35.79 | 35.44 | 10.53 | 38.02 | 43.74 | 74.00 | -30.26 | Horizontal | | | |
| 9748.00 | 34.59 | 38.20 | 12.17 | 38.08 | 46.88 | 74.00 | -27.12 | Horizontal | | | |
| 12185.00 | * | | | | | 74.00 | | Horizontal | | | |
| 4874.00 | 36.82 | 30.91 | 8.99 | 38.34 | 38.38 | 54.00 | -15.62 | Vertical | | | |
| 7311.00 | 29.23 | 35.44 | 10.53 | 38.02 | 37.18 | 54.00 | -16.82 | Vertical | | | |
| 9748.00 | 27.36 | 38.02 | 12.17 | 38.08 | 39.47 | 54.00 | -14.53 | Vertical | | | |
| 12185.00 | * | | | | | 54.00 | | Vertical | Averege | | |
| 4874.00 | 38.13 | 30.24 | 8.81 | 38.17 | 39.01 | 54.00 | -14.99 | Horizontal | Average | | |
| 7311.00 | 28.55 | 35.44 | 10.53 | 38.02 | 36.50 | 54.00 | -17.50 | Horizontal | | | |
| 9748.00 | 27.70 | 38.20 | 12.17 | 38.08 | 39.99 | 54.00 | -14.01 | Horizontal | | | |
| 12185.00 | * | | | | | 54.00 | | Horizontal | | | |

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "*", means this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.

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| CH11 for 802.11g | | | | | | | | | | |
|--------------------|-------------------------|-----------------------------|-----------------------|--------------------------|-------------------|------------------------|-------------------------|--------------|---------------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value | |
| 2483.50 | 47.23 | 27.85 | 3.96 | 35.65 | 43.39 | 74.00 | -30.61 | Vertical | | |
| 4924.00 | 41.43 | 31.17 | 9.31 | 38.62 | 43.29 | 74.00 | -30.71 | Vertical | | |
| 7386.00 | 34.18 | 36.72 | 11.24 | 38.24 | 43.90 | 74.00 | -30.10 | Vertical | | |
| 9848.00 | 35.71 | 38.33 | 12.39 | 38.12 | 48.31 | 74.00 | -25.69 | Vertical | | |
| 12310.00 | * | | | | | 74.00 | | Vertical | Daal | |
| 2483.50 | 45.72 | 27.85 | 3.96 | 35.65 | 41.88 | 74.00 | -32.12 | Horizontal | Peak | |
| 4924.00 | 42.93 | 31.17 | 9.31 | 38.62 | 44.79 | 74.00 | -29.21 | Horizontal | | |
| 7386.00 | 34.50 | 36.13 | 10.93 | 38.14 | 43.42 | 74.00 | -30.58 | Horizontal | | |
| 9848.00 | 34.77 | 38.33 | 12.39 | 38.12 | 47.37 | 74.00 | -26.63 | Horizontal | | |
| 12310.00 | * | | | | | 74.00 | | Horizontal | | |
| 2483.50 | 39.05 | 27.85 | 3.96 | 35.65 | 35.21 | 54.00 | -18.79 | Vertical | | |
| 4924.00 | 36.03 | 31.17 | 9.31 | 38.62 | 37.89 | 54.00 | -16.11 | Vertical | | |
| 7386.00 | 28.59 | 36.72 | 11.24 | 38.24 | 38.31 | 54.00 | -15.69 | Vertical | | |
| 9848.00 | 27.51 | 38.33 | 12.39 | 38.12 | 40.11 | 54.00 | -13.89 | Vertical | | |
| 12310.00 | * | | | | | 54.00 | | Vertical | A | |
| 2483.50 | 38.29 | 27.85 | 3.96 | 35.65 | 34.45 | 54.00 | -19.55 | Horizontal | Average | |
| 4924.00 | 36.60 | 31.17 | 9.31 | 38.62 | 38.46 | 54.00 | -15.54 | Horizontal | | |
| 7386.00 | 28.69 | 36.13 | 10.93 | 38.14 | 37.61 | 54.00 | -16.39 | Horizontal | | |
| 9848.00 | 27.19 | 38.33 | 12.39 | 38.12 | 39.79 | 54.00 | -14.21 | Horizontal | | |
| 12310.00 | * | | | | _ | 54.00 | | Horizontal | | |

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "*", means this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.

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| | | | | CH01 for | · 802.11n(H2 | 20) | | | |
|--------------------|-------------------------|-----------------------------|-----------------------|--------------------------|-------------------|------------------------|-------------------------|--------------|---------------|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 2400.00 | 48.33 | 27.58 | 3.90 | 35.62 | 44.19 | 74.00 | -29.81 | Vertical | |
| 4824.00 | 40.94 | 29.18 | 8.61 | 37.99 | 40.74 | 74.00 | -33.26 | | |
| 7236.00 | 34.85 | 36.17 | 10.95 | 38.15 | 43.82 | 74.00 | -30.18 | Vertical | |
| 9648.00 | 35.52 | 38.20 | 12.17 | 38.08 | 47.81 | 74.00 | -26.19 | Vertical | |
| 12060.00 | * | | | | | 74.00 | | Vertical | Dools |
| 2400.00 | 45.62 | 27.58 | 3.90 | 35.62 | 41.48 | 74.00 | -32.52 | Horizontal | Peak |
| 4824.00 | 33.92 | 32.00 | 9.53 | 38.39 | 37.06 | 74.00 | -36.94 | Horizontal | |
| 7236.00 | 38.46 | 35.92 | 6.94 | 35.18 | 46.14 | 74.00 | -27.86 | Horizontal | |
| 9648.00 | 36.05 | 38.20 | 12.17 | 38.08 | 48.34 | 74.00 | -25.66 | Horizontal | |
| 12060.00 | * | | | | | 74.00 | | Horizontal | |
| 2400.00 | 39.83 | 27.58 | 3.90 | 35.62 | 35.69 | 54.00 | -18.31 | Vertical | |
| 4824.00 | 35.16 | 29.18 | 8.61 | 37.99 | 34.96 | 54.00 | -19.04 | Vertical | |
| 7236.00 | 27.86 | 36.17 | 10.95 | 38.15 | 36.83 | 54.00 | -17.17 | Vertical | |
| 9648.00 | 26.64 | 38.20 | 12.17 | 38.08 | 38.93 | 54.00 | -15.07 | Vertical | |
| 12060.00 | * | | | | | 54.00 | | Vertical | A |
| 2400.00 | 39.80 | 27.58 | 3.90 | 35.62 | 35.66 | 54.00 | -18.34 | Horizontal | Average |
| 4824.00 | 33.03 | 32.00 | 9.53 | 38.39 | 36.17 | 54.00 | -17.83 | Horizontal | |
| 7236.00 | 29.60 | 35.92 | 6.94 | 35.18 | 37.28 | 54.00 | -16.72 | Horizontal | |
| 9648.00 | 28.99 | 38.20 | 12.17 | 38.08 | 41.28 | 54.00 | -12.72 | Horizontal | |
| 12060.00 | * | | | | | 54.00 | | Horizontal | |

| | CH06 for 802.11n(H20) | | | | | | | | | | |
|--------------------|-------------------------|-----------------------------|-----------------------|--------------------------|-------------------|------------------------|-------------------------|--------------|---------------|--|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value | | |
| 4874.00 | 39.69 | 30.91 | 8.99 | 38.34 | 41.25 | 74.00 | -32.75 | Vertical | | | |
| 7311.00 | 35.47 | 35.44 | 10.53 | 38.02 | 43.42 | 74.00 | -30.58 | Vertical | | | |
| 9748.00 | 34.56 | 38.02 | 12.17 | 38.08 | 46.67 | 74.00 | -27.33 | Vertical | | | |
| 12185.00 | * | | | | | 74.00 | | Vertical | Dook | | |
| 4874.00 | 41.97 | 30.24 | 8.81 | 38.17 | 42.85 | 74.00 | -31.15 | Horizontal | Peak | | |
| 7311.00 | 35.35 | 35.44 | 10.53 | 38.02 | 43.30 | 74.00 | -30.70 | Horizontal | | | |
| 9748.00 | 35.42 | 38.20 | 12.17 | 38.08 | 47.71 | 74.00 | -26.29 | Horizontal | | | |
| 12185.00 | * | | | | | 74.00 | | Horizontal | | | |
| 4874.00 | 35.06 | 30.91 | 8.99 | 38.34 | 36.62 | 54.00 | -17.38 | Vertical | | | |
| 7311.00 | 27.29 | 35.44 | 10.53 | 38.02 | 35.24 | 54.00 | -18.76 | Vertical | | | |
| 9748.00 | 27.16 | 38.02 | 12.17 | 38.08 | 39.27 | 54.00 | -14.73 | Vertical | | | |
| 12185.00 | * | | | | | 54.00 | | Vertical | A | | |
| 4874.00 | 35.32 | 30.24 | 8.81 | 38.17 | 36.20 | 54.00 | -17.80 | Horizontal | Average | | |
| 7311.00 | 29.19 | 35.44 | 10.53 | 38.02 | 37.14 | 54.00 | -16.86 | Horizontal | | | |
| 9748.00 | 27.05 | 38.20 | 12.17 | 38.08 | 39.34 | 54.00 | -14.66 | Horizontal | | | |
| 12185.00 | * | | | | | 54.00 | | Horizontal | | | |

- Final Level = Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
 "*", means this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.

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| - | | | | _ | | | | | |
|--------------------|-------------------------|-----------------------------|-----------------------|--------------------------|-------------------|------------------------|-------------------------|--------------|---------------|
| | | | | CH11 for | · 802.11n(H2 | 20) | | | |
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 2483.50 | 47.78 | 27.85 | 3.96 | 35.65 | 43.94 | 74.00 | -30.06 | Vertical | |
| 4924.00 | 39.59 | 31.17 | 9.31 | 38.62 | 41.45 | 74.00 | -32.55 | | |
| 7386.00 | 34.01 | 36.72 | 11.24 | 38.24 | 43.73 | 74.00 | -30.27 | Vertical | |
| 9848.00 | 35.19 | 38.33 | 12.39 | 38.12 | 47.79 | 74.00 | -26.21 | Vertical | |
| 12310.00 | * | | | | | 74.00 | | Vertical | Doole |
| 2483.50 | 47.14 | 27.85 | 3.96 | 35.65 | 43.30 | 74.00 | -30.70 | Horizontal | Peak |
| 4924.00 | 41.41 | 31.17 | 9.31 | 38.62 | 43.27 | 74.00 | -30.73 | Horizontal | |
| 7386.00 | 36.21 | 36.13 | 10.93 | 38.14 | 45.13 | 74.00 | -28.87 | Horizontal | |
| 9848.00 | 36.10 | 38.33 | 12.39 | 38.12 | 48.70 | 74.00 | -25.30 | Horizontal | |
| 12310.00 | * | | | | | 74.00 | | Horizontal | |
| 2483.50 | 40.99 | 27.85 | 3.96 | 35.65 | 37.15 | 54.00 | -16.85 | Vertical | |
| 4924.00 | 33.60 | 31.17 | 9.31 | 38.62 | 35.46 | 54.00 | -18.54 | Vertical | |
| 7386.00 | 27.71 | 36.72 | 11.24 | 38.24 | 37.43 | 54.00 | -16.57 | Vertical | |
| 9848.00 | 27.87 | 38.33 | 12.39 | 38.12 | 40.47 | 54.00 | -13.53 | Vertical | |
| 12310.00 | * | | | | | 54.00 | | Vertical | A |
| 2483.50 | 40.22 | 27.85 | 3.96 | 35.65 | 36.38 | 54.00 | -17.62 | Horizontal | Average |
| 4924.00 | 34.72 | 31.17 | 9.31 | 38.62 | 36.58 | 54.00 | -17.42 | Horizontal | |
| 7386.00 | 28.88 | 36.13 | 10.93 | 38.14 | 37.80 | 54.00 | -16.20 | Horizontal | |
| 9848.00 | 27.90 | 38.33 | 12.39 | 38.12 | 40.50 | 54.00 | -13.50 | Horizontal | |
| 12310.00 | * | | | | | 54.00 | | Horizontal | |

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "*", means this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.

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| | CH03 for 802.11n(H40) | | | | | | | | | |
|--------------------|-------------------------|-----------------------------|-----------------------|--------------------------|-------------------|------------------------|-------------------------|--------------|---------------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value | |
| 2400.00 | 47.95 | 27.58 | 3.90 | 35.62 | 43.81 | 74.00 | -30.19 | Vertical | | |
| 4824.00 | 41.38 | 29.18 | 8.61 | 37.99 | 41.18 | 74.00 | -32.82 | | | |
| 7236.00 | 33.91 | 36.17 | 10.95 | 38.15 | 42.88 | 74.00 | -31.12 | Vertical | | |
| 9648.00 | 35.03 | 38.20 | 12.17 | 38.08 | 47.32 | 74.00 | -26.68 | Vertical | | |
| 12060.00 | * | | | | | 74.00 | | Vertical | Dools | |
| 2400.00 | 47.08 | 27.58 | 3.90 | 35.62 | 42.94 | 74.00 | -31.06 | Horizontal | Peak | |
| 4824.00 | 40.20 | 32.00 | 9.53 | 38.39 | 43.34 | 74.00 | -30.66 | Horizontal | | |
| 7236.00 | 37.37 | 35.92 | 6.94 | 35.18 | 45.05 | 74.00 | -28.95 | Horizontal | | |
| 9648.00 | 36.21 | 38.20 | 12.17 | 38.08 | 48.50 | 74.00 | -25.50 | Horizontal | | |
| 12060.00 | * | | | | | 74.00 | | Horizontal | | |
| 2400.00 | 40.58 | 27.58 | 3.90 | 35.62 | 36.44 | 54.00 | -17.56 | Vertical | | |
| 4824.00 | 35.78 | 29.18 | 8.61 | 37.99 | 35.58 | 54.00 | -18.42 | Vertical | | |
| 7236.00 | 28.11 | 36.17 | 10.95 | 38.15 | 37.08 | 54.00 | -16.92 | Vertical | | |
| 9648.00 | 27.87 | 38.20 | 12.17 | 38.08 | 40.16 | 54.00 | -13.84 | Vertical | | |
| 12060.00 | * | | | | | 54.00 | | Vertical | A | |
| 2400.00 | 40.50 | 27.58 | 3.90 | 35.62 | 36.36 | 54.00 | -17.64 | Horizontal | Average | |
| 4824.00 | 35.54 | 32.00 | 9.53 | 38.39 | 38.68 | 54.00 | -15.32 | Horizontal | | |
| 7236.00 | 30.74 | 35.92 | 6.94 | 35.18 | 38.42 | 54.00 | -15.58 | Horizontal | | |
| 9648.00 | 27.62 | 38.20 | 12.17 | 38.08 | 39.91 | 54.00 | -14.09 | Horizontal | | |
| 12060.00 | * | | | | | 54.00 | | Horizontal | | |

| | | | | CH06 for | · 802.11n(H4 | ł0) | | | |
|--------------------|-------------------------|-----------------------------|-----------------------|--------------------------|-------------------|------------------------|-------------------------|--------------|---------------|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 4874.00 | 39.58 | 30.91 | 8.99 | 38.34 | 41.14 | 74.00 | -32.86 | Vertical | |
| 7311.00 | 34.99 | 35.44 | 10.53 | 38.02 | 42.94 | 74.00 | -31.06 | Vertical | |
| 9748.00 | 35.98 | 38.02 | 12.17 | 38.08 | 48.09 | 74.00 | -25.91 | Vertical | |
| 12185.00 | * | | | | | 74.00 | | Vertical | Dools |
| 4874.00 | 40.75 | 30.24 | 8.81 | 38.17 | 41.63 | 74.00 | -32.37 | Horizontal | Peak |
| 7311.00 | 35.96 | 35.44 | 10.53 | 38.02 | 43.91 | 74.00 | -30.09 | Horizontal | |
| 9748.00 | 36.16 | 38.20 | 12.17 | 38.08 | 48.45 | 74.00 | -25.55 | Horizontal | |
| 12185.00 | * | | | | | 74.00 | | Horizontal | |
| 4874.00 | 34.98 | 30.91 | 8.99 | 38.34 | 36.54 | 54.00 | -17.46 | Vertical | |
| 7311.00 | 27.91 | 35.44 | 10.53 | 38.02 | 35.86 | 54.00 | -18.14 | Vertical | |
| 9748.00 | 28.22 | 38.02 | 12.17 | 38.08 | 40.33 | 54.00 | -13.67 | Vertical | |
| 12185.00 | * | | | | | 54.00 | | Vertical | A |
| 4874.00 | 37.17 | 30.24 | 8.81 | 38.17 | 38.05 | 54.00 | -15.95 | Horizontal | Average |
| 7311.00 | 29.50 | 35.44 | 10.53 | 38.02 | 37.45 | 54.00 | -16.55 | Horizontal | |
| 9748.00 | 28.02 | 38.20 | 12.17 | 38.08 | 40.31 | 54.00 | -13.69 | Horizontal | |
| 12185.00 | * | | | | | 54.00 | | Horizontal | |

- Final Level = Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
 "*", means this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.

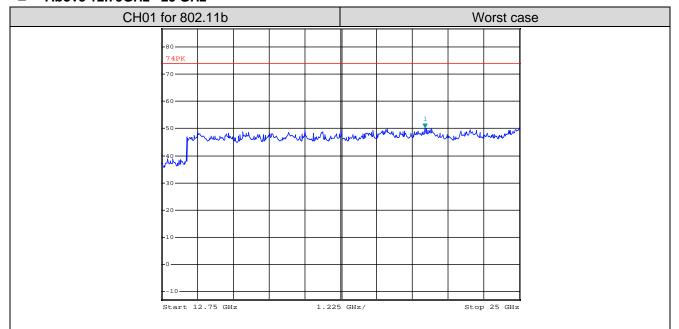
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| | CH09 for 802.11n(H40) | | | | | | | | |
|--------------------|-------------------------|-----------------------------|-----------------------|--------------------------|-------------------|------------------------|-------------------------|--------------|---------------|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 2483.50 | 47.12 | 27.85 | 3.96 | 35.65 | 43.28 | 74.00 | -30.72 | Vertical | |
| 4924.00 | 39.67 | 31.17 | 9.31 | 38.62 | 41.53 | 74.00 | -32.47 | Vertical | |
| 7386.00 | 34.25 | 36.72 | 11.24 | 38.24 | 43.97 | 74.00 | -30.03 | Vertical | |
| 9848.00 | 34.69 | 38.33 | 12.39 | 38.12 | 47.29 | 74.00 | -26.71 | Vertical | |
| 12310.00 | * | | | | | 74.00 | | Vertical | Dools |
| 2483.50 | 46.21 | 27.85 | 3.96 | 35.65 | 42.37 | 74.00 | -31.63 | Horizontal | Peak |
| 4924.00 | 41.88 | 31.17 | 9.31 | 38.62 | 43.74 | 74.00 | -30.26 | Horizontal | |
| 7386.00 | 35.36 | 36.13 | 10.93 | 38.14 | 44.28 | 74.00 | -29.72 | Horizontal | |
| 9848.00 | 35.60 | 38.33 | 12.39 | 38.12 | 48.20 | 74.00 | -25.80 | Horizontal | |
| 12310.00 | * | | | | | 74.00 | | Horizontal | |
| 2483.50 | 39.78 | 27.85 | 3.96 | 35.65 | 35.94 | 54.00 | -18.06 | Vertical | |
| 4924.00 | 33.91 | 31.17 | 9.31 | 38.62 | 35.77 | 54.00 | -18.23 | Vertical | |
| 7386.00 | 27.71 | 36.72 | 11.24 | 38.24 | 37.43 | 54.00 | -16.57 | Vertical | |
| 9848.00 | 25.85 | 38.33 | 12.39 | 38.12 | 38.45 | 54.00 | -15.56 | Vertical | |
| 12310.00 | * | | | | | 54.00 | | Vertical | Averege |
| 2483.50 | 39.84 | 27.85 | 3.96 | 35.65 | 36.00 | 54.00 | -18.00 | Horizontal | Average |
| 4924.00 | 35.06 | 31.17 | 9.31 | 38.62 | 36.92 | 54.00 | -17.08 | Horizontal | |
| 7386.00 | 29.10 | 36.13 | 10.93 | 38.14 | 38.02 | 54.00 | -15.98 | Horizontal | |
| 9848.00 | 27.20 | 38.33 | 12.39 | 38.12 | 39.80 | 54.00 | -14.20 | Horizontal | |
| 12310.00 | * | | | | | 54.00 | | Horizontal | |

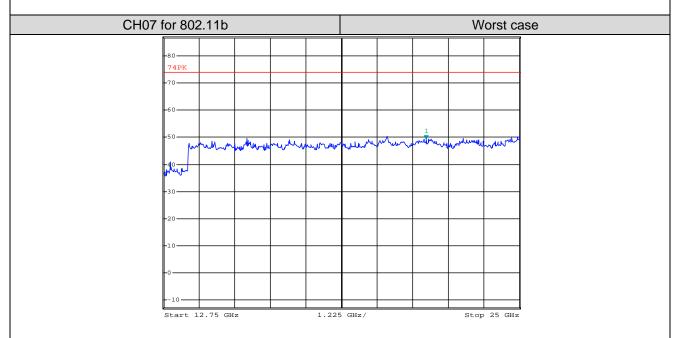
- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "*", means this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.

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■ Above 12.75GHz ~25 GHz

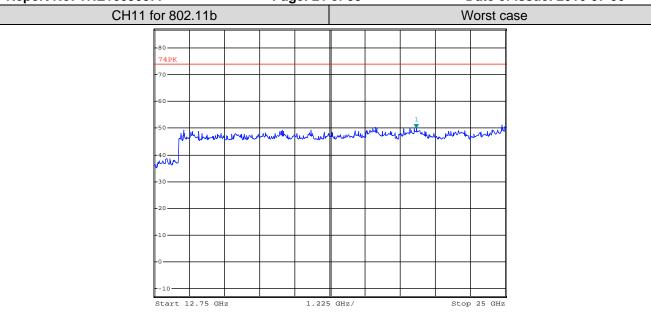


| Frequency (GHz) | Level (dBuV/m) | Limit Line (dBuV/m) | Result |
|-----------------|----------------|---------------------|--------|
| 21.7660 | 50.27 | 74 | Pass |



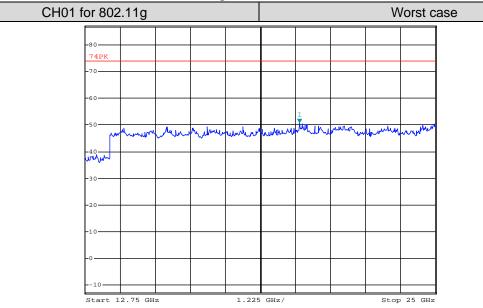
| Frequency (GHz) | Level (dBuV/m) | Limit Line (dBuV/m) | Result |
|-----------------|----------------|---------------------|--------|
| 21.7905 | 49.45 | 74 | Pass |

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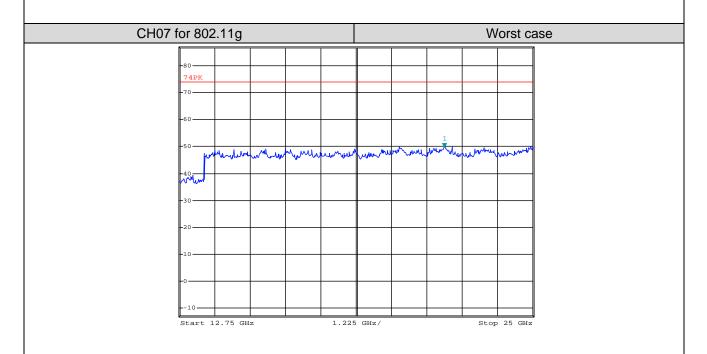


| Frequency (GHz) | Level (dBuV/m) | Limit Line (dBuV/m) | Result |
|-----------------|----------------|---------------------|--------|
| 21.8885 | 50.20 | 74 | Pass |

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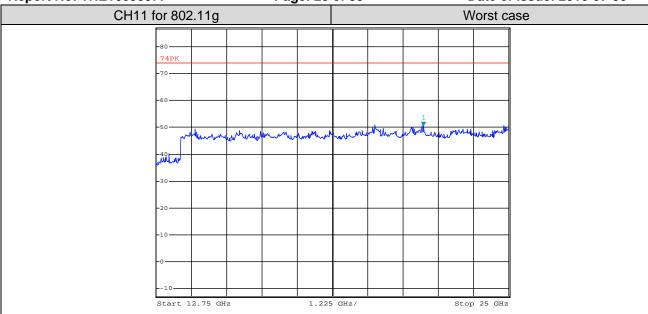


| Frequency (GHz) | Level (dBuV/m) | Limit Line (dBuV/m) | Result |
|-----------------|----------------|---------------------|--------|
| 20.2470 | 51.00 | 74 | Pass |



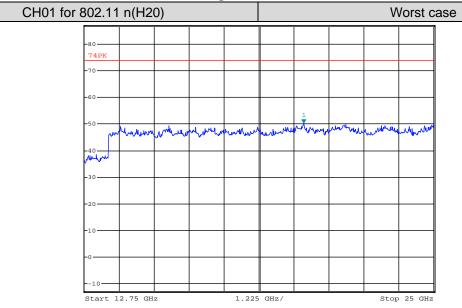
| Frequency (GHz) | Level (dBuV/m) | Limit Line (dBuV/m) | Result |
|-----------------|----------------|---------------------|--------|
| 21.9375 | 49.95 | 74 | Pass |

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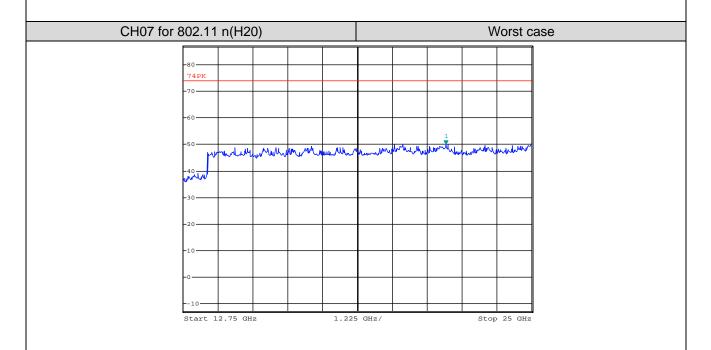


| Frequency (GHz) | Level (dBuV/m) | Limit Line (dBuV/m) | Result |
|-----------------|----------------|---------------------|--------|
| 22.0355 | 50.56 | 74 | Pass |

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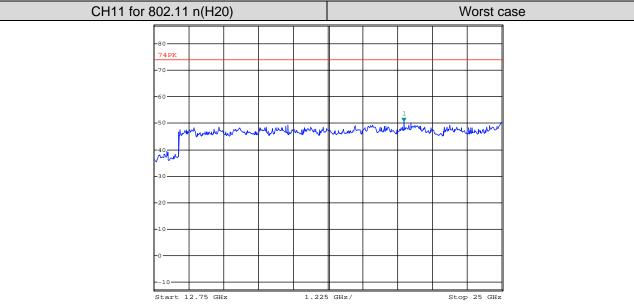


| Frequency (GHz) | Level (dBuV/m) | Limit Line (dBuV/m) | Result |
|-----------------|----------------|---------------------|--------|
| 20.4430 | 50.33 | 74 | Pass |



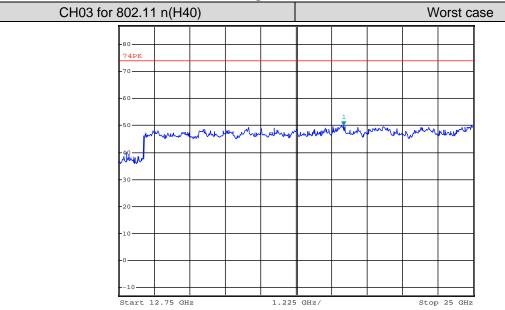
| Frequency (GHz) | Level (dBuV/m) | Limit Line (dBuV/m) | Result |
|-----------------|----------------|---------------------|--------|
| 21.9865 | 50.24 | 74 | Pass |

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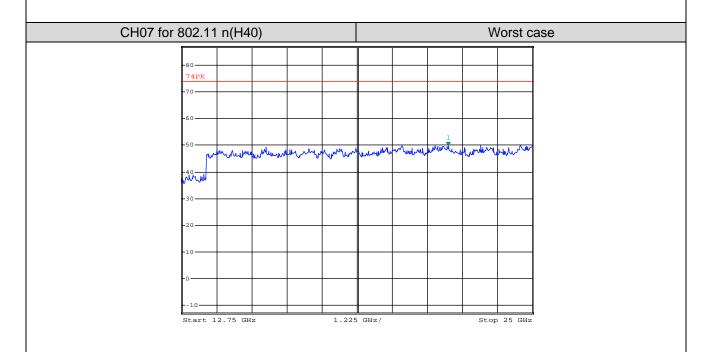


| Frequency (GHz) | Level (dBuV/m) | Limit Line (dBuV/m) | Result |
|-----------------|----------------|---------------------|--------|
| 21.5455 | 50.65 | 74 | Pass |

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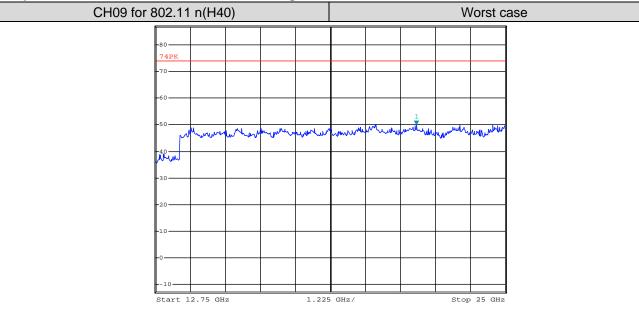


| Frequency (GHz) | Level (dBuV/m) | Limit Line (dBuV/m) | Result |
|-----------------|----------------|---------------------|--------|
| 20.5165 | 50.10 | 74 | Pass |



| Frequency (GHz) | Level (dBuV/m) | Limit Line (dBuV/m) | Result |
|-----------------|----------------|---------------------|--------|
| 22.0600 | 49.74 | 74 | Pass |

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| Frequency (GHz) | Level (dBuV/m) | Limit Line (dBuV/m) | Result |
|-----------------|----------------|---------------------|--------|
| 21.8885 | 50.18 | 74 | Pass |

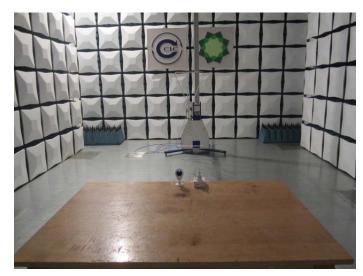
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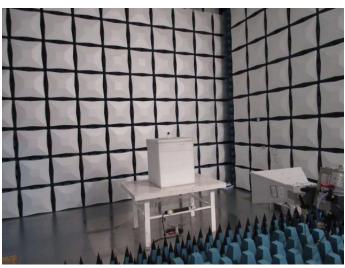
5. Test Setup Photos of the EUT

Conducted Emission



Radiated Emission





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6. External and Internal Photos of the EUT External photos







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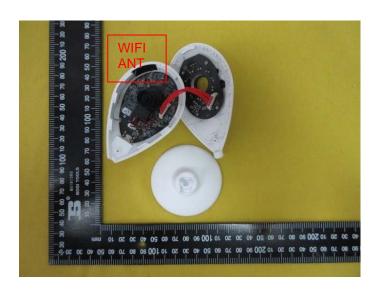


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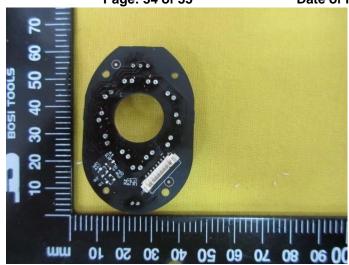
Internal photos

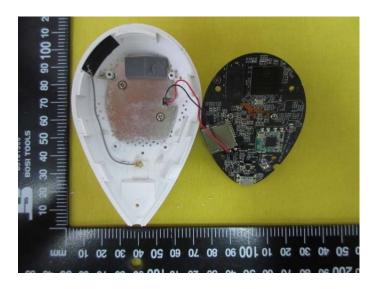






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.....End of Report......