



FCC PART 15 SUBPART C TEST REPORT
FCC PART 15.247

Report Reference No.: GRCTR250702024-01
FCC ID.: 2BFDS-DCC100
Compiled by (position+printed name+signature): Testing Engineer Jimmy Wang

Supervised by (position+printed name+signature): Project Engineer Kelley Zhang

Approved by (position+printed name+signature): Manager Sam Wang



Date of issue: Jul. 30, 2025

Testing Laboratory Name: Shenzhen GUOREN Certification Technology Service Co., Ltd.
Address: 101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community, Fenghuang Street, Guangming District, Shenzhen, China

Applicant's name: Hangzhou Denghong Technology Co.,Ltd.
Address: Paradise Software Park, No.3 Xidomen, Xihu District, Hangzhou, Zhejiang, China

Test specification:
Standard: FCC Part 15.247

Shenzhen GUOREN Certification Technology Service Co., Ltd. All rights reserved.
This publication may be reproduced in whole or in part for non-commercial purposes as long as the Shenzhen GUOREN Certification Technology Service Co., Ltd. is acknowledged as copyright owner and source of the material.

Test item description: Smart Camera
Trade Mark: /
Manufacturer: Hangzhou Denghong Technology Co.,Ltd.
Model/Type reference: DCC100
Listed Models: DCC101,DCC200
Firmware Version: 1.6.6.1479
Hardware Version: DCD100.
Modulation Type: DSSS/ OFDM
Operation Frequency: From 2412 - 2462MHz
Rating: 5V=1A
Result: PASS

TEST REPORT

Equipment under Test : Smart Camera

Model /Type : DCC100

Listed Models : DCC101,DCC200

Applicant : **Hangzhou Denghong Technology Co.,Ltd.**

Address : Paradise Software Park, No.3 Xidomen, Xihu District, Hangzhou, Zhejiang, China

Manufacturer : **Hangzhou Denghong Technology Co.,Ltd.**

Address : Paradise Software Park, No.3 Xidomen, Xihu District, Hangzhou, Zhejiang, China

| | |
|---------------------|-------------|
| Test Result: | PASS |
|---------------------|-------------|

The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

Contents

| | |
|---|-----------|
| 1 TEST STANDARDS | 4 |
| 2 SUMMARY | 5 |
| 2.1 General Remarks | 5 |
| 2.2 Product Description | 5 |
| 2.3 Equipment Under Test | 5 |
| 2.4 Short description of the Equipment under Test (EUT) | 5 |
| 2.5 EUT configuration | 5 |
| 2.6 EUT operation mode | 6 |
| 2.7 Block Diagram of Test Setup | 6 |
| 2.8 Related Submittal(s) / Grant (s) | 6 |
| 2.9 Modifications | 6 |
| 3 TEST ENVIRONMENT | 7 |
| 3.1 Address of the test laboratory | 7 |
| 3.2 Test Facility | 7 |
| 3.3 Environmental conditions | 7 |
| 3.4 Test Description | 8 |
| 3.5 Statement of the measurement uncertainty | 8 |
| 3.6 Equipments Used during the Test | 9 |
| 4 TEST CONDITIONS AND RESULTS | 10 |
| 4.1 AC Power Conducted Emission | 10 |
| 4.2 Radiated Emission | 13 |
| 4.3 Maximum Conducted Output Power | 19 |
| 4.4 Power Spectral Density | 20 |
| 4.5 6dB Bandwidth | 23 |
| 4.6 Out-of-band Emissions | 26 |
| 4.7 Antenna Requirement | 33 |
| 5 TEST SETUP PHOTOS OF THE EUT | 34 |
| 6 PHOTOS OF THE EUT | 36 |

1 TEST 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 C63.10-2020](#): American National Standard for Testing Unlicensed Wireless Devices

[KDB558074 D01 v05r02](#): Guidance for Compliance Measurements on Digital Transmission Systems (DTS) ,Frequency Hopping Spread Spectrum System(HFSS), and Hybrid System Devices Operating Under §15.247 of The FCC rules.

2 SUMMARY

2.1 General Remarks

| | | |
|--------------------------------|---|---------------|
| Date of receipt of test sample | : | Jul. 03, 2025 |
| Testing commenced on | : | Jul. 03, 2025 |
| Testing concluded on | : | Jul. 30, 2025 |

2.2 Product Description

| | |
|---|---|
| Product Name: | Smart Camera |
| Model/Type reference: | DCC100 |
| Listed Models: | DCC101,DCC200(The products are identical in interior structure, electrical circuits and components, just model names is different.) |
| Power supply: | 5V --- 1A |
| testing sample ID: | GRCTR250702024-1# (Engineer sample), GRCTR250702024-2# (Normal sample) |
| WIFI 2.4G: | |
| Supported type: | 802.11b/802.11g /802.11n(H20) |
| Modulation: | 802.11b: DSSS 802.11g /802.11n(H20) : OFDM |
| Operation frequency: | 802.11b/802.11g/802.11n(H20): 2412MHz~2462MHz |
| Channel number: | 802.11b/802.11g/802.11n(H20): 11 |
| Channel separation: | 5MHz |
| Antenna type: | FPC antenna |
| Antenna gain*(Supplied by the customer): | 3.29 dBi |
| Remark:*When the information provided by the customer was used to calculate test results, if the information provided by the customer is not accurate, shenzhen GUOREN Certification Technology Service Co., Ltd. does not assume any responsibility. | |

2.3 Equipment Under Test

Power supply system utilised

| | | | |
|----------------------|---|---|-----------------------------------|
| Power supply voltage | : | <input type="radio"/> 230V / 50 Hz | <input type="radio"/> 120V / 60Hz |
| | | <input type="radio"/> 12 V DC | <input type="radio"/> 24 V DC |
| | | <input checked="" type="radio"/> Other (specified in blank below) | |

DC 5V From External Circuit

2.4 Short description of the Equipment under Test (EUT)

This is a Smart Camera.
For more details, refer to the user's manual of the EUT.

2.5 EUT configuration

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

● - supplied by the manufacturer

○ - supplied by the lab

| | | |
|-----------|---------------|-------------------|
| ○ Adapter | M/N: | DCT10W050200US-C0 |
| | Manufacturer: | Dachuan |

2.6 EUT operation mode

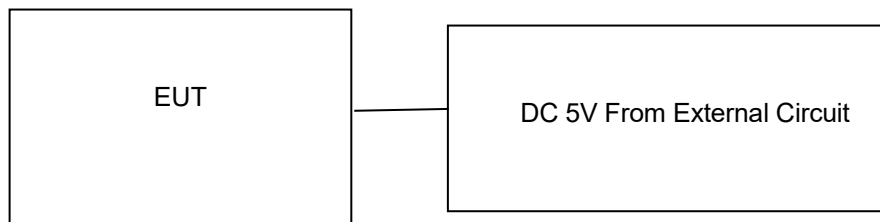
The Applicant provides communication tools software(SecureCRT Version 7.0.0) to control the EUT for staying in continuous transmitting (Duty Cycle more than 98%) for testing meet KDB558074 test requirement.

IEEE 802.11b/g/n H20: Thirteen channels are provided to the EUT.

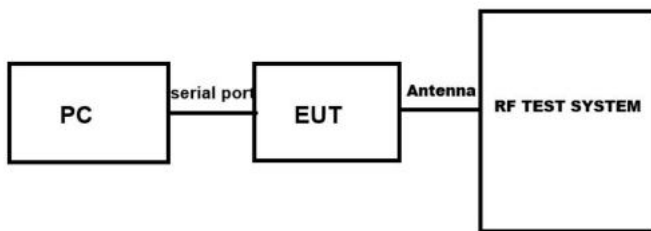
| Channel | Frequency(MHz) | Channel | Frequency(MHz) |
|---------|----------------|---------|----------------|
| 1 | 2412 | 8 | 2447 |
| 2 | 2417 | 9 | 2452 |
| 3 | 2422 | 10 | 2457 |
| 4 | 2427 | 11 | 2462 |
| 5 | 2432 | | |
| 6 | 2437 | | |
| 7 | 2442 | | |

2.7 Block Diagram of Test Setup

AC Power Conducted Emission&Radiated Emissions(below 1GHz&above1GHz)&Band Edge(Radiated)



RF Measurement



2.8 Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for filing to comply with Section 15.247 of the FCC Part 15, Subpart C Rules.

2.9 Modifications

No modifications were implemented to meet testing criteria.

3 TEST ENVIRONMENT

3.1 Address of the test laboratory

Shenzhen GUOREN Certification Technology Service Co., Ltd.

101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community, Fenghuang Street, Guangming District, Shenzhen, China

3.2 Test Facility

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

FCC-Registration No.: 920798 Designation Number: CN1304

Shenzhen GUOREN Certification Technology Service Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

A2LA-Lab Cert. No.: 6202.01

Shenzhen GUOREN Certification Technology Service Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.

ISED#: 27264 CAB identifier: CN0115

Shenzhen GUOREN Certification Technology Service Co., Ltd. has been listed by Innovation, Science and Economic Development Canada to perform electromagnetic emission measurement.

CNAS-Lab Code: L15631

Shenzhen GUOREN Certification Technology Service Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories for the Competence of Testing and Calibration Laboratories.

The 3m-Semi anechoic test site fulfils CISPR 16-1-4 according to ANSI C63.10 and CISPR 16-1-4:2010.

3.3 Environmental conditions

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

| | |
|---------------------|--------------|
| Normal Temperature: | 15-35 °C |
| Relative Humidity | 30-60 % |
| Air Pressure | 950-1050mbar |

3.4 Test Description

| | | |
|---------------------------------|--------------------------------|------|
| FCC PART 15.247 | | |
| FCC Part 15.207 | AC Power Conducted Emission | PASS |
| FCC Part 15.247(a)(2) | 6dB Bandwidth | PASS |
| FCC Part 15.247(d) | Spurious RF Conducted Emission | PASS |
| FCC Part 15.247(b) | Maximum Conducted Output Power | PASS |
| FCC Part 15.247(e) | Power Spectral Density | PASS |
| FCC Part 15.109/ 15.205/ 15.209 | Radiated Emissions | PASS |
| FCC Part 15.247(d) | Band Edge | PASS |
| FCC Part 15.203/15.247 (b) | Antenna Requirement | PASS |

Data Rate Used:

Preliminary tests were performed in different data rate to find the worst radiated emission. The data rate shown in the table below is the worst-case rate with respect to the specific test item. Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

| Test Items | Mode | Data Rate | Channel |
|--|-----------------|-----------|---------|
| Maximum Peak Conducted Output Power Power Spectral Density 6dB Bandwidth Spurious RF conducted emission Radiated Emission 9KHz~1GHz& Radiated Emission 1GHz~10th Harmonic | 11b/DSSS | 1 Mbps | 1/6/11 |
| | 11g/OFDM | 6 Mbps | 1/6/11 |
| | 11n(20MHz)/OFDM | 6.5Mbps | 1/6/11 |
| Band Edge | 11b/DSSS | 1 Mbps | 1/11 |
| | 11g/OFDM | 6 Mbps | 1/11 |
| | 11n(20MHz)/OFDM | 6.5Mbps | 1/11 |

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 GUOREN Certification Technology Service 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 GUOREN Certification Technology Service Co., Ltd.:

| Test | Range | Measurement Uncertainty | Notes |
|------------------------|-------------|-------------------------|-------|
| Radiated Emission | 30~1000MHz | 4.06 dB | (1) |
| Radiated Emission | 1~18GHz | 5.14 dB | (1) |
| Radiated Emission | 18-40GHz | 5.38 dB | (1) |
| Conducted Disturbance | 0.15~30MHz | 2.14 dB | (1) |
| Max output power | 30MHz~18GHz | 0.54 dB | (1) |
| Power spectral density | / | 0.56 dB | (1) |
| Spectrum bandwidth | / | 1.2% | (1) |

(1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

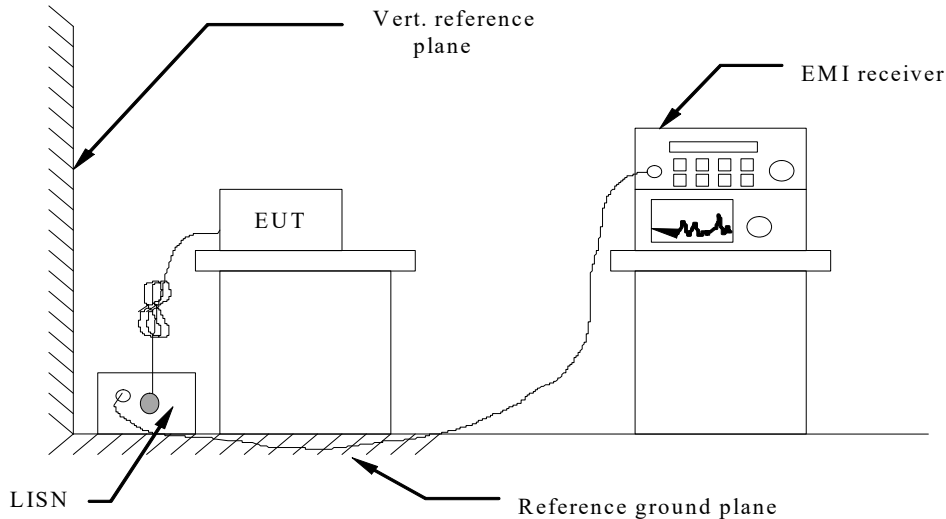
3.6 Equipments Used during the Test

| Test Equipment | Manufacturer | Model No. | Equipment No. | Calibration Date | Calibration Due Date |
|----------------------------|------------------------|-------------|---------------|------------------|----------------------|
| LISN | R&S | ENV216 | GRCTEE009 | 2024/09/19 | 2025/09/18 |
| LISN | R&S | ENV216 | GRCTEE010 | 2024/09/19 | 2025/09/18 |
| EMI Test Receiver | R&S | ESPI | GRCTEE017 | 2024/09/19 | 2025/09/18 |
| EMI Test Receiver | R&S | ESCI | GRCTEE008 | 2024/09/19 | 2025/09/18 |
| Spectrum Analyzer | Agilent | N9020A | GRCTEE002 | 2024/09/19 | 2025/09/18 |
| Spectrum Analyzer | R&S | FSP | GRCTEE003 | 2024/09/20 | 2025/09/19 |
| Vector Signal generator | Agilent | N5181A | GRCTEE007 | 2024/09/19 | 2025/09/18 |
| Analog Signal Generator | R&S | SML03 | GRCTEE006 | 2024/09/19 | 2025/09/18 |
| Climate Chamber | QIYA | LCD-9530 | GRCTES016 | 2024/09/19 | 2025/09/18 |
| Ultra-Broadband Antenna | Schwarzbeck | VULB9163 | GRCTEE018 | 2023/09/28 | 2026/09/27 |
| Horn Antenna | Schwarzbeck | BBHA 9120D | GRCTEE019 | 2023/09/28 | 2026/09/27 |
| Loop Antenna | Zhinan | ZN30900C | GRCTEE020 | 2023/10/15 | 2026/10/14 |
| Horn Antenna | Beijing Hangwei Dayang | OBH100400 | GRCTEE049 | 2023/09/28 | 2026/09/27 |
| Amplifier | Schwarzbeck | BBV 9745 | GRCTEE021 | 2024/09/19 | 2025/09/18 |
| Amplifier | Taiwan chengyi | EMC051845B | GRCTEE022 | 2024/09/19 | 2025/09/18 |
| Temperature/Humidity Meter | Huaguan | HG-308 | GRCTES037 | 2024/09/19 | 2025/09/18 |
| Directional coupler | NARDA | 4226-10 | GRCTEE004 | 2024/09/19 | 2025/09/18 |
| High-Pass Filter | XingBo | XBLBQ-GTA18 | GRCTEE053 | 2024/09/19 | 2025/09/18 |
| High-Pass Filter | XingBo | XBLBQ-GTA27 | GRCTEE054 | 2024/09/19 | 2025/09/18 |
| Automated filter bank | Tonscend | JS0806-F | GRCTEE055 | 2024/09/19 | 2025/09/18 |
| Power Sensor | Agilent | U2021XA | GRCTEE070 | 2024/09/19 | 2025/09/18 |
| Cable | Times | Cable-CE | GRCTEE086 | 2024/09/19 | 2025/09/18 |
| Cable | Times | Cable-RE-1 | GRCTEE087 | 2024/09/19 | 2025/09/18 |
| Cable | Times | Cable-RE-2 | GRCTEE088 | 2024/09/19 | 2025/09/18 |
| EMI Test Software | ROHDE & SCHWARZ | ESK1-V1.71 | GRCTEE060 | N/A | N/A |
| EMI Test Software | Fera | EZ-EMC | GRCTEE061 | N/A | N/A |

4 TEST CONDITIONS AND RESULTS

4.1 AC Power Conducted Emission

TEST CONFIGURATION



TEST PROCEDURE

- 1 The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. The EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10-2020.
- 2 Support equipment, if needed, was placed as per ANSI C63.10-2020
- 3 All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10-2020
- 4 The EUT received power from adapter, the adapter received AC120V/60Hz and AC 240V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
- 5 All support equipments received AC power from a second LISN, if any.
- 6 The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7 Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.
- 8 During the above scans, the emissions were maximized by cable manipulation.

AC Power Conducted Emission Limit

For intentional device, according to § 15.207(a) and RSS-Gen Issue 5 AC Power Conducted Emission Limits is as following:

| Frequency range (MHz) | Limit (dBuV) | |
|-----------------------|--------------|-----------|
| | Quasi-peak | Average |
| 0.15-0.5 | 66 to 56* | 56 to 46* |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |

* Decreases with the logarithm of the frequency.

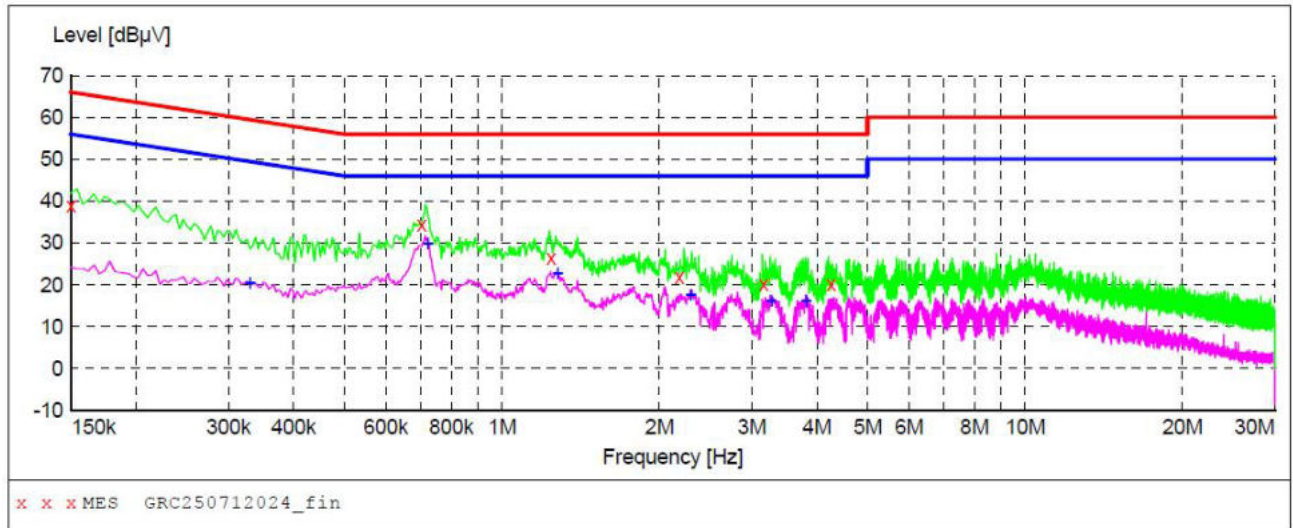
TEST RESULTS

Remark:

1. All three channels (lowest/middle/highest) of each mode were measured and recorded worst case at 802.11n (H20) low channel.

2. Both 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz power supply have been tested, only the worst result of 120 VAC, 60 Hz was reported as below:

| | | | |
|---------------|------------------------------------|--------------|---|
| Power supply: | DC 5V from Adapter AC 120V/60Hz | Polarization | L |
|---------------|------------------------------------|--------------|---|



MEASUREMENT RESULT: "GRC250712024_fin"

7/12/2025 3:52PM

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.150000 | 39.00 | 10.1 | 66 | 27.0 | QP | L1 | GND |
| 0.702000 | 34.50 | 10.5 | 56 | 21.5 | QP | L1 | GND |
| 1.242000 | 26.40 | 10.5 | 56 | 29.6 | QP | L1 | GND |
| 2.186000 | 21.90 | 10.6 | 56 | 34.1 | QP | L1 | GND |
| 3.166000 | 20.20 | 10.5 | 56 | 35.8 | QP | L1 | GND |
| 4.258000 | 20.20 | 10.4 | 56 | 35.8 | QP | L1 | GND |

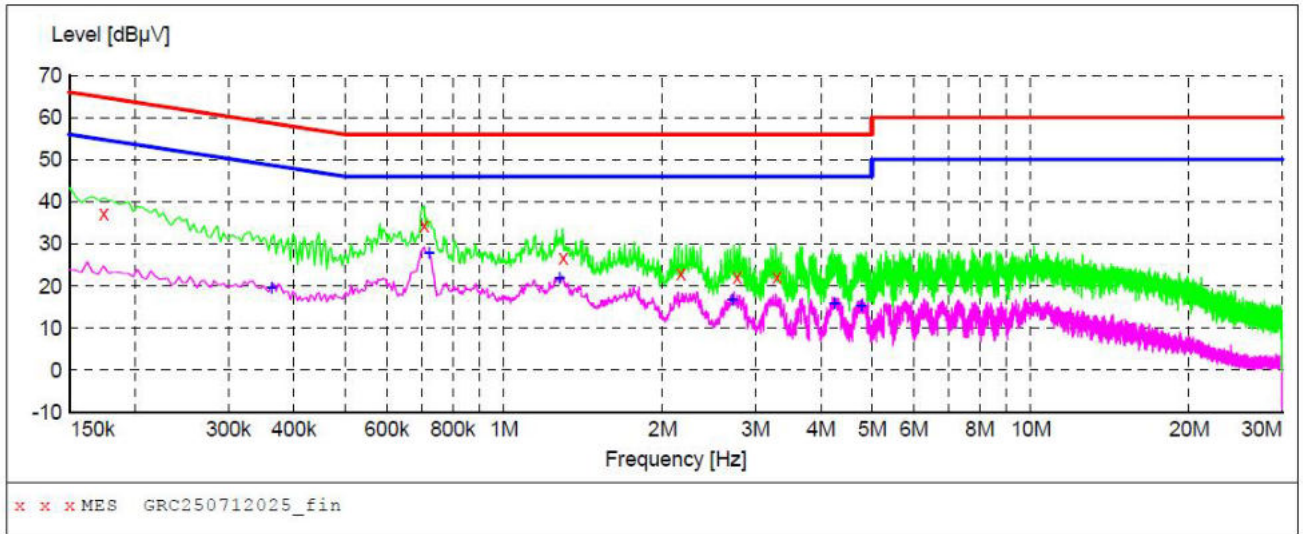
MEASUREMENT RESULT: "GRC250712024_fin2"

7/12/2025 3:52PM

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.330000 | 20.50 | 10.3 | 50 | 29.0 | AV | L1 | GND |
| 0.722000 | 29.90 | 10.4 | 46 | 16.1 | AV | L1 | GND |
| 1.278000 | 22.60 | 10.5 | 46 | 23.4 | AV | L1 | GND |
| 2.294000 | 17.60 | 10.6 | 46 | 28.4 | AV | L1 | GND |
| 3.274000 | 16.20 | 10.5 | 46 | 29.8 | AV | L1 | GND |
| 3.814000 | 16.30 | 10.5 | 46 | 29.7 | AV | L1 | GND |

- Note:1).Level (dBµV)= Reading (dBµV)+ Transducer (dB)
- 2). Transducer (dB)=insertion loss of LISN (dB) + Cable loss (dB)
- 3). Margin(dB) = Limit (dBµV) - Level (dBµV)

| | | | |
|---------------|------------------------------------|--------------|---|
| Power supply: | DC 5V from Adapter AC 120V/60Hz | Polarization | N |
|---------------|------------------------------------|--------------|---|



MEASUREMENT RESULT: "GRC250712025_fin"

7/12/2025 3:55PM

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.174000 | 37.10 | 10.2 | 65 | 27.7 | QP | N | GND |
| 0.706000 | 34.30 | 10.5 | 56 | 21.7 | QP | N | GND |
| 1.298000 | 26.80 | 10.4 | 56 | 29.2 | QP | N | GND |
| 2.170000 | 22.90 | 10.6 | 56 | 33.1 | QP | N | GND |
| 2.774000 | 22.00 | 10.5 | 56 | 34.0 | QP | N | GND |
| 3.302000 | 22.10 | 10.5 | 56 | 33.9 | QP | N | GND |

MEASUREMENT RESULT: "GRC250712025_fin2"

7/12/2025 3:55PM

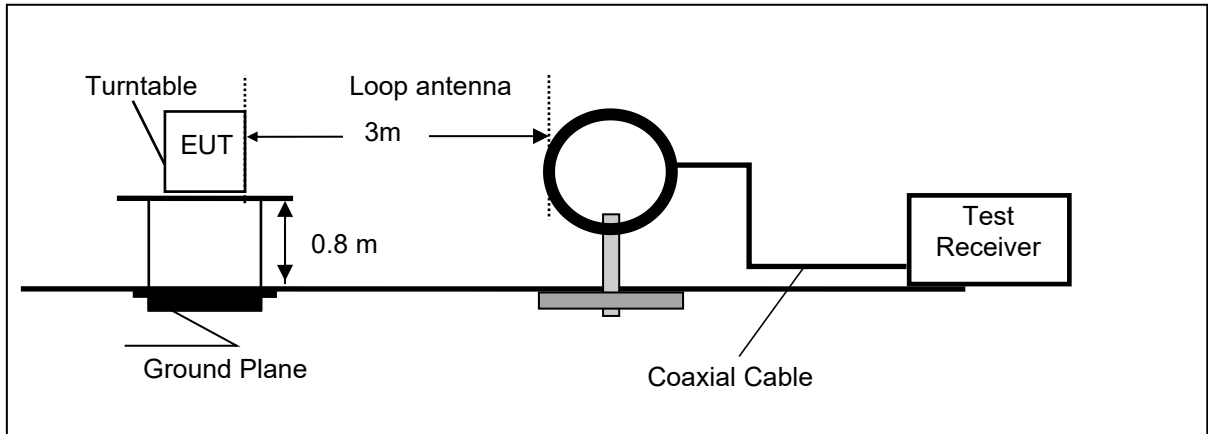
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.362000 | 19.70 | 10.4 | 49 | 29.0 | AV | N | GND |
| 0.722000 | 27.80 | 10.4 | 46 | 18.2 | AV | N | GND |
| 1.274000 | 21.80 | 10.5 | 46 | 24.2 | AV | N | GND |
| 2.714000 | 16.60 | 10.6 | 46 | 29.4 | AV | N | GND |
| 4.238000 | 15.80 | 10.4 | 46 | 30.2 | AV | N | GND |
| 4.762000 | 15.20 | 10.3 | 46 | 30.8 | AV | N | GND |

- Note:1).Level (dBµV)= Reading (dBµV)+ Transducer (dB)
 2). Transducer (dB)=insertion loss of LISN (dB) + Cable loss (dB)
 3). Margin(dB) = Limit (dBµV) - Level (dBµV)

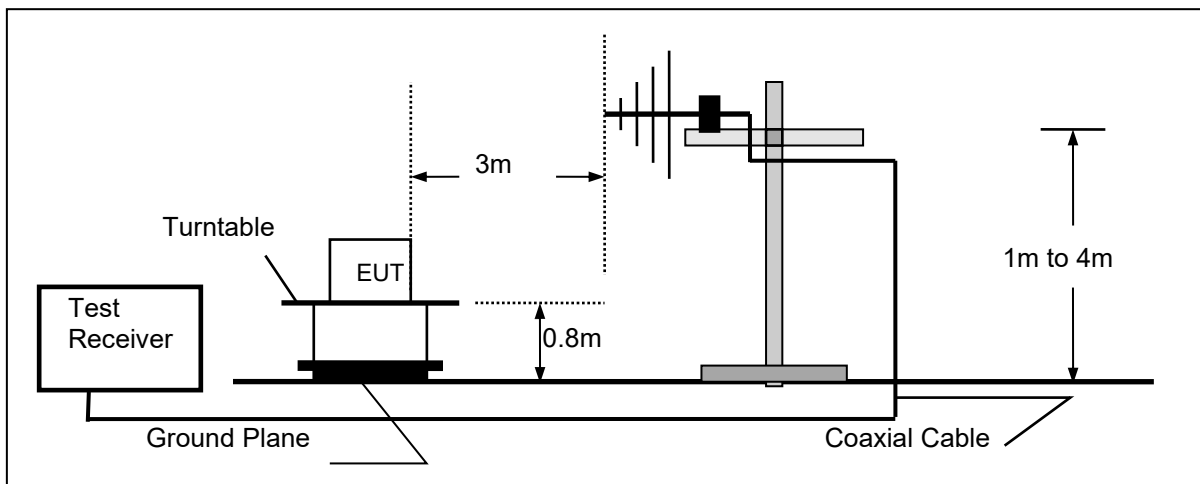
4.2 Radiated Emission

TEST CONFIGURATION

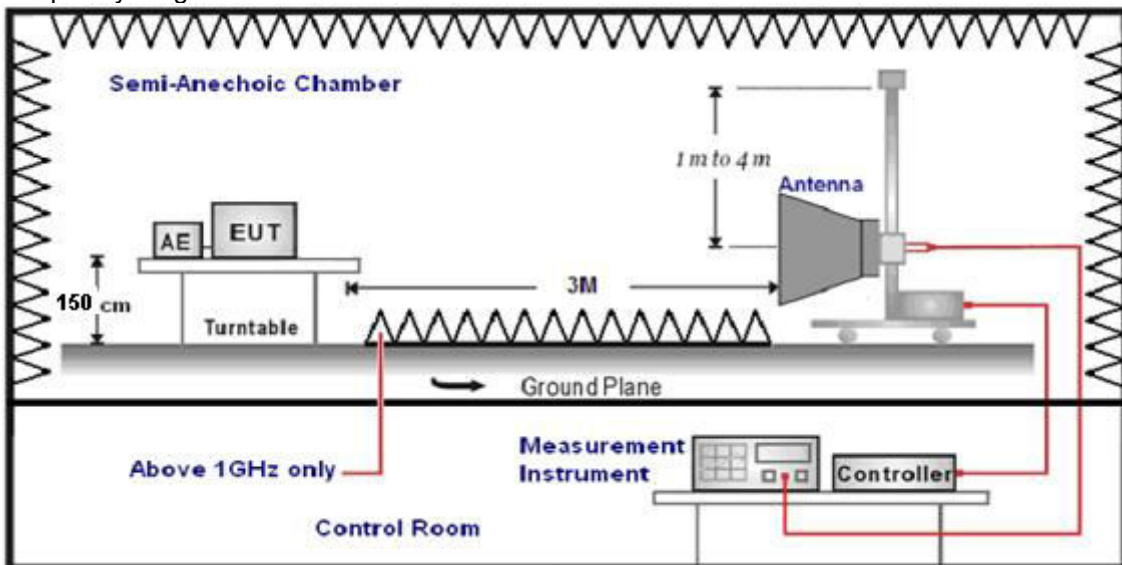
Frequency range 9 KHz – 30MHz



Frequency range 30MHz – 1000MHz



Frequency range above 1GHz-25GHz



TEST PROCEDURE

1. The EUT was placed on a turn table which is 0.8m above ground plane when testing frequency range 9 KHz –1GHz, the EUT was placed on a turn table which is 1.5m above ground plane when testing frequency range 1GHz – 25GHz.
2. Maximum procedure was performed by raising the receiving antenna from 1m to 4m and rotating the turn table from 0° to 360° to acquire the highest emissions from EUT.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above procedures until all frequency measurements have been completed.
5. Radiated emission test frequency band from 9KHz to 25GHz.
6. The distance between test antenna and EUT as following table states:

| Test Frequency range | Test Antenna Type | Test Distance |
|----------------------|----------------------------|---------------|
| 9KHz-30MHz | Active Loop Antenna | 3 |
| 30MHz-1GHz | Ultra-Broadband Antenna | 3 |
| 1GHz-18GHz | Double Ridged Horn Antenna | 3 |
| 18GHz-40GHz | Horn Antenna | 1 |

7. Setting test receiver/spectrum as following table states:

| Test Frequency range | Test Receiver/Spectrum Setting | Detector |
|----------------------|---|----------|
| 9KHz-150KHz | RBW=200Hz/VBW=3KHz, Sweep time=Auto | QP |
| 150KHz-30MHz | RBW=9KHz/VBW=100KHz, Sweep time=Auto | QP |
| 30MHz-1GHz | RBW=120KHz/VBW=1000KHz, Sweep time=Auto | QP |
| 1GHz-40GHz | Peak Value: RBW=1MHz/VBW=3MHz, Sweep time=Auto Average Value: RBW=1MHz/VBW=10Hz, Sweep time=Auto | Peak |

Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor(if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS = RA + AF + CL - AG

| | |
|---------------------------|--|
| Where FS = Field Strength | CL = Cable Attenuation Factor (Cable Loss) |
| RA = Reading Amplitude | AG = Amplifier Gain |
| AF = Antenna Factor | |

Transd=AF +CL-AG

RADIATION LIMIT

For intentional device, according to § 15.209(a), the general requirement of field strength of radiated emission from intentional radiators at a distance of 3 meters shall not exceed the following table. According to § 15.247(d), in any 100kHz bandwidth outside the frequency band in which the EUT is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of desired power.

The pre-test have done for the EUT in three axes and found the worst emission at position shown in test setup photos.

| Frequency (MHz) | Distance (Meters) | Radiated (dBµV/m) | Radiated (µV/m) |
|-----------------|-------------------|----------------------------------|-----------------|
| 0.009-0.49 | 3 | 20log(2400/F(KHz))+40log(300/3) | 2400/F(KHz) |
| 0.49-1.705 | 3 | 20log(24000/F(KHz))+ 40log(30/3) | 24000/F(KHz) |
| 1.705-30 | 3 | 20log(30)+ 40log(30/3) | 30 |
| 30-88 | 3 | 40.0 | 100 |
| 88-216 | 3 | 43.5 | 150 |
| 216-960 | 3 | 46.0 | 200 |
| Above 960 | 3 | 54.0 | 500 |

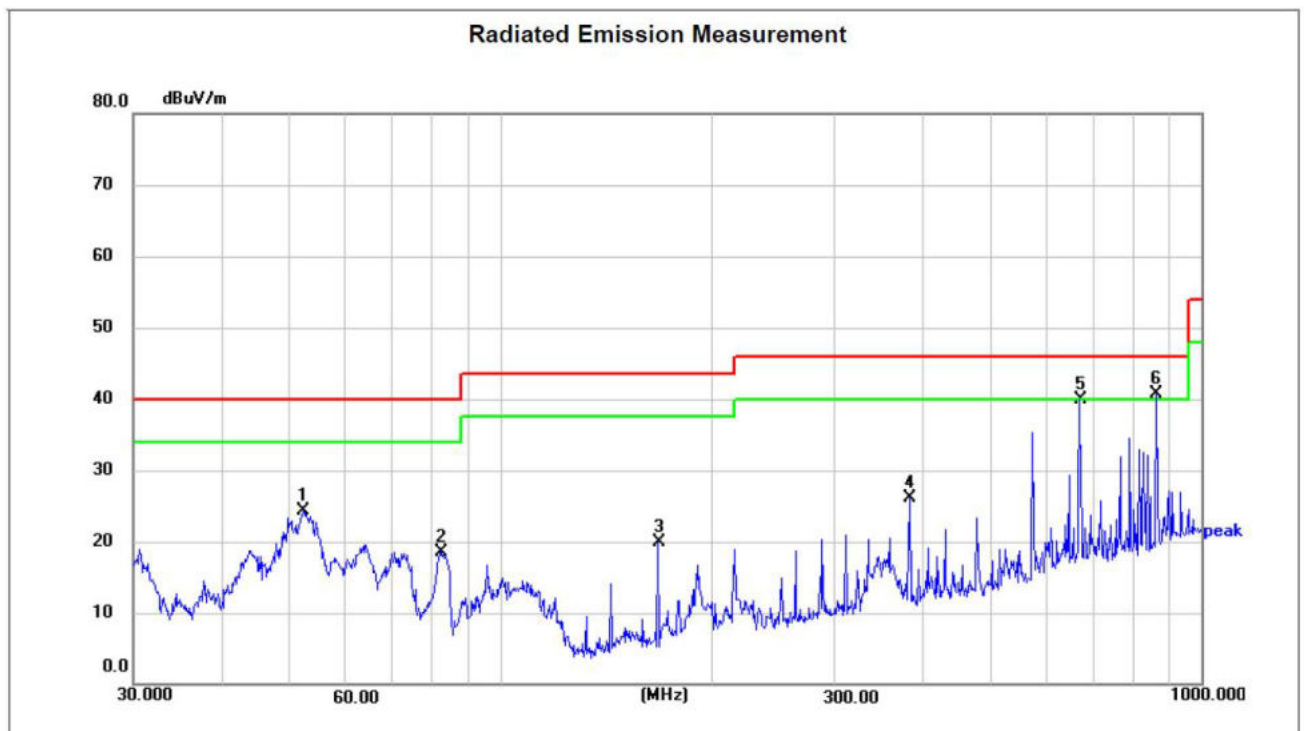
TEST RESULTS

Remark:

1. This test was performed with EUT in X, Y, Z position and the worse case was found when EUT in X position.
2. All three channels (lowest/middle/highest) of each mode were measured below 1GHz and recorded worst case at 802.11n (H20) low channel.
3. Radiated emission test from 9 KHz to 10th harmonic of fundamental was verified, and no emission found except system noise floor in 9 KHz to 30MHz and not recorded in this report.

For 30MHz-1GHz

Horizontal



| | | |
|---|---------------------------------|----------------------|
| Site LAB | Polarization: <i>Horizontal</i> | Temperature: 24.5(C) |
| Limit: FCC Part15 RE-Class B_30-1000MHz | Power: AC120V/60Hz | Humidity: 52 % |
| EUT: smart camera | Distance: 3m | |
| M/N: DCC100 | | |
| Mode: 802.11n(H20) CH 01 | | |
| Note: N/A | | |

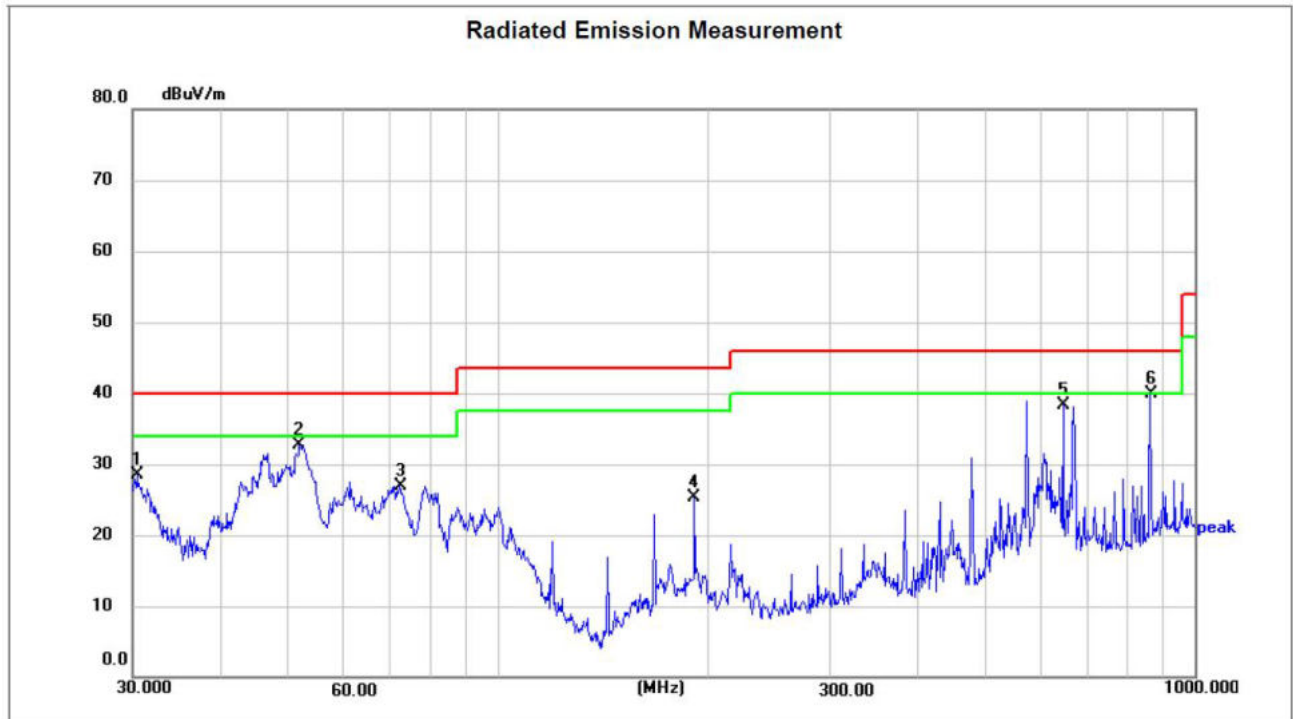
| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg.) | P/F | Remark |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|-------------|----------------|-----|--------|
| 1 | 52.3912 | 41.88 | -17.60 | 24.28 | 40.00 | -15.72 | peak | 100 | 285 | P | |
| 2 | 82.3588 | 40.83 | -22.23 | 18.60 | 40.00 | -21.40 | peak | 100 | 178 | P | |
| 3 | 167.8243 | 41.34 | -21.40 | 19.94 | 43.50 | -23.56 | peak | 100 | 53 | P | |
| 4 | 383.9318 | 42.04 | -15.97 | 26.07 | 46.00 | -19.93 | peak | 100 | 89 | P | |
| 5 | 670.4893 | 50.68 | -10.69 | 39.99 | 46.00 | -6.01 | peak | 100 | 360 | P | |
| 6 * | 863.0562 | 49.08 | -8.45 | 40.63 | 46.00 | -5.37 | peak | 100 | 258 | P | |

Note:1).Level (dBµV/m)= Reading (dBµV)+ Factor (dB/m)

2). Factor(dB/m)=Antenna Factor (dB/m) + Cable loss (dB) - Pre Amplifier gain (dB)

3). Margin(dB) = Level (dBµV/m) - Limit (dBµV/m)

Vertical



Site LAB
 Limit: FCC Part15 RE-Class B_30-1000MHz
 EUT: smart camera
 M/N: DCC100
 Mode: 802.11n(H20) CH 01
 Note: N/A

Polarization: **Vertical**
 Power: AC120V/60Hz
 Distance: 3m

Temperature: 24.5(C)
 Humidity: 52 %

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg.) | P/F | Remark |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|-------------|----------------|-----|--------|
| 1 | 30.4238 | 48.46 | -19.87 | 28.59 | 40.00 | -11.41 | peak | 100 | 18 | P | |
| 2 | 52.0251 | 50.31 | -17.58 | 32.73 | 40.00 | -7.27 | peak | 100 | 261 | P | |
| 3 | 72.3376 | 48.03 | -21.14 | 26.89 | 40.00 | -13.11 | peak | 100 | 324 | P | |
| 4 | 191.7450 | 44.89 | -19.61 | 25.28 | 43.50 | -18.22 | peak | 100 | 90 | P | |
| 5 | 647.3856 | 49.17 | -10.80 | 38.37 | 46.00 | -7.63 | peak | 100 | 189 | P | |
| 6 * | 863.0562 | 48.26 | -8.45 | 39.81 | 46.00 | -6.19 | peak | 100 | 289 | P | |

- Note:1).Level (dBuV/m)= Reading (dBuV)+ Factor (dB/m)
 2). Factor(dB/m)=Antenna Factor (dB/m) + Cable loss (dB) - Pre Amplifier gain (dB)
 3). Margin(dB) = Level (dBuV/m) - Limit (dBuV/m)

For 1GHz to 25GHz

Note: 802.11b/802.11g/802.11n (H20) Mode all have been tested, only worse case 802.11n (H20) mode is reported.
(above 1GHz)

| Frequency(MHz): | | | 2412 | | Polarity: | | HORIZONTAL | | |
|-----------------|-------------------------|----|----------------|-------------|------------------|-----------------------|-------------------|--------------------|--------------------------|
| Frequency (MHz) | Emission Level (dBuV/m) | | Limit (dBuV/m) | Margin (dB) | Raw Value (dBuV) | Antenna Factor (dB/m) | Cable Factor (dB) | Pre-amplifier (dB) | Correction Factor (dB/m) |
| 4824.00 | 55.28 | PK | 74 | 18.72 | 76.51 | 28.37 | 5.10 | 54.70 | -21.23 |
| 4824.00 | 42.44 | AV | 54 | 11.56 | 63.67 | 28.37 | 5.10 | 54.70 | -21.23 |
| 7236.00 | 51.63 | PK | 74 | 22.37 | 66.12 | 34.10 | 6.42 | 55.01 | -14.49 |
| 7236.00 | 39.26 | AV | 54 | 14.74 | 53.75 | 34.10 | 6.42 | 55.01 | -14.49 |

| Frequency(MHz): | | | 2412 | | Polarity: | | VERTICAL | | |
|-----------------|-------------------------|----|----------------|-------------|------------------|-----------------------|-------------------|--------------------|--------------------------|
| Frequency (MHz) | Emission Level (dBuV/m) | | Limit (dBuV/m) | Margin (dB) | Raw Value (dBuV) | Antenna Factor (dB/m) | Cable Factor (dB) | Pre-amplifier (dB) | Correction Factor (dB/m) |
| 4824.00 | 54.96 | PK | 74 | 19.04 | 76.19 | 28.37 | 5.10 | 54.70 | -21.23 |
| 4824.00 | 42.73 | AV | 54 | 11.27 | 63.96 | 28.37 | 5.10 | 54.70 | -21.23 |
| 7236.00 | 52.84 | PK | 74 | 21.16 | 67.33 | 34.10 | 6.42 | 55.01 | -14.49 |
| 7236.00 | 39.78 | AV | 54 | 14.22 | 54.27 | 34.10 | 6.42 | 55.01 | -14.49 |

| Frequency(MHz): | | | 2437 | | Polarity: | | HORIZONTAL | | |
|-----------------|-------------------------|----|----------------|-------------|------------------|-----------------------|-------------------|--------------------|--------------------------|
| Frequency (MHz) | Emission Level (dBuV/m) | | Limit (dBuV/m) | Margin (dB) | Raw Value (dBuV) | Antenna Factor (dB/m) | Cable Factor (dB) | Pre-amplifier (dB) | Correction Factor (dB/m) |
| 4874.00 | 55.41 | PK | 74 | 18.59 | 75.68 | 28.76 | 5.35 | 54.38 | -20.27 |
| 4874.00 | 41.77 | AV | 54 | 12.23 | 62.04 | 28.76 | 5.35 | 54.38 | -20.27 |
| 7311.00 | 52.48 | PK | 74 | 21.52 | 66.11 | 34.40 | 6.83 | 54.86 | -13.63 |
| 7311.00 | 39.76 | AV | 54 | 14.24 | 53.39 | 34.40 | 6.83 | 54.86 | -13.63 |

| Frequency(MHz): | | | 2437 | | Polarity: | | VERTICAL | | |
|-----------------|-------------------------|----|----------------|-------------|------------------|-----------------------|-------------------|--------------------|--------------------------|
| Frequency (MHz) | Emission Level (dBuV/m) | | Limit (dBuV/m) | Margin (dB) | Raw Value (dBuV) | Antenna Factor (dB/m) | Cable Factor (dB) | Pre-amplifier (dB) | Correction Factor (dB/m) |
| 4874.00 | 54.81 | PK | 74 | 19.19 | 75.08 | 28.76 | 5.35 | 54.38 | -20.27 |
| 4874.00 | 41.35 | AV | 54 | 12.65 | 61.62 | 28.76 | 5.35 | 54.38 | -20.27 |
| 7311.00 | 53.77 | PK | 74 | 20.23 | 67.40 | 34.40 | 6.83 | 54.86 | -13.63 |
| 7311.00 | 42.95 | AV | 54 | 11.05 | 56.58 | 34.40 | 6.83 | 54.86 | -13.63 |

| Frequency(MHz): | | | 2462 | | Polarity: | | HORIZONTAL | | |
|-----------------|-------------------------|----|----------------|-------------|------------------|-----------------------|-------------------|--------------------|--------------------------|
| Frequency (MHz) | Emission Level (dBuV/m) | | Limit (dBuV/m) | Margin (dB) | Raw Value (dBuV) | Antenna Factor (dB/m) | Cable Factor (dB) | Pre-amplifier (dB) | Correction Factor (dB/m) |
| 4924.00 | 56.37 | PK | 74 | 17.63 | 75.82 | 29.54 | 5.66 | 54.65 | -19.45 |
| 4924.00 | 42.66 | AV | 54 | 11.34 | 62.11 | 29.54 | 5.66 | 54.65 | -19.45 |
| 7386.00 | 53.31 | PK | 74 | 20.69 | 66.45 | 34.51 | 7.25 | 54.9 | -13.14 |
| 7386.00 | 40.55 | AV | 54 | 13.45 | 53.69 | 34.51 | 7.25 | 54.9 | -13.14 |

| Frequency(MHz): | | | 2462 | | Polarity: | | VERTICAL | | |
|-----------------|-------------------------|----|----------------|-------------|------------------|-----------------------|-------------------|--------------------|--------------------------|
| Frequency (MHz) | Emission Level (dBuV/m) | | Limit (dBuV/m) | Margin (dB) | Raw Value (dBuV) | Antenna Factor (dB/m) | Cable Factor (dB) | Pre-amplifier (dB) | Correction Factor (dB/m) |
| 4924.00 | 54.37 | PK | 74 | 19.63 | 73.82 | 29.54 | 5.66 | 54.65 | -19.45 |
| 4924.00 | 41.84 | AV | 54 | 12.16 | 61.29 | 29.54 | 5.66 | 54.65 | -19.45 |
| 7386.00 | 51.96 | PK | 74 | 22.04 | 65.10 | 34.51 | 7.25 | 54.9 | -13.14 |
| 7386.00 | 42.25 | AV | 54 | 11.75 | 55.39 | 34.51 | 7.25 | 54.9 | -13.14 |

- 1) Emission level (dBuV/m) = Meter Reading+ antenna Factor+ cable loss- preamp factor.
- 2) Margin value = Limits-Emission level.
- 3) -- Mean the PK detector measured value is below average limit.
- 4) The other emission levels were very low against the limit.
- 5) RBW1MHz VBW3MHz Peak detector is for PK value; RBW 1MHz VBW10Hz Peak detector is for AV value.

Results of Band Edges Test (Radiated)

Note: 802.11b/802.11g/802.11n (H20) Mode all have been tested, only worse case 802.11n (H20) mode is reported.

| Frequency(MHz): | | | 2412 | | Polarity: | | HORIZONTAL | | |
|-----------------|-------------------------|----|----------------|-------------|------------------|-----------------------|-------------------|--------------------|--------------------------|
| Frequency (MHz) | Emission Level (dBuV/m) | | Limit (dBuV/m) | Margin (dB) | Raw Value (dBuV) | Antenna Factor (dB/m) | Cable Factor (dB) | Pre-amplifier (dB) | Correction Factor (dB/m) |
| 2390.00 | 55.50 | PK | 74 | 18.50 | 80.22 | 25.72 | 4.32 | 54.76 | -24.72 |
| 2390.00 | 39.61 | AV | 54 | 14.39 | 64.33 | 25.72 | 4.32 | 54.76 | -24.72 |
| 2400.00 | 56.80 | PK | 74 | 17.20 | 81.06 | 25.73 | 4.33 | 54.75 | -24.26 |
| 2400.00 | 41.51 | AV | 54 | 12.49 | 65.77 | 25.73 | 4.33 | 54.75 | -24.26 |
| Frequency(MHz): | | | 2412 | | Polarity: | | VERTICAL | | |
| Frequency (MHz) | Emission Level (dBuV/m) | | Limit (dBuV/m) | Margin (dB) | Raw Value (dBuV) | Antenna Factor (dB/m) | Cable Factor (dB) | Pre-amplifier (dB) | Correction Factor (dB/m) |
| 2390.00 | 55.56 | PK | 74 | 18.44 | 80.28 | 25.72 | 4.32 | 54.76 | -24.72 |
| 2390.00 | 38.60 | AV | 54 | 15.40 | 63.32 | 25.72 | 4.32 | 54.76 | -24.72 |
| 2400.00 | 56.31 | PK | 74 | 17.69 | 80.57 | 25.73 | 4.33 | 54.75 | -24.26 |
| 2400.00 | 41.73 | AV | 54 | 12.27 | 65.99 | 25.73 | 4.33 | 54.75 | -24.26 |
| Frequency(MHz): | | | 2462 | | Polarity: | | HORIZONTAL | | |
| Frequency (MHz) | Emission Level (dBuV/m) | | Limit (dBuV/m) | Margin (dB) | Raw Value (dBuV) | Antenna Factor (dB/m) | Cable Factor (dB) | Pre-amplifier (dB) | Correction Factor (dB/m) |
| 2483.50 | 54.76 | PK | 74 | 19.24 | 79.33 | 25.78 | 4.48 | 54.83 | -24.57 |
| 2483.50 | 39.61 | AV | 54 | 14.39 | 64.18 | 25.78 | 4.48 | 54.83 | -24.57 |
| Frequency(MHz): | | | 2462 | | Polarity: | | VERTICAL | | |
| Frequency (MHz) | Emission Level (dBuV/m) | | Limit (dBuV/m) | Margin (dB) | Raw Value (dBuV) | Antenna Factor (dB/m) | Cable Factor (dB) | Pre-amplifier (dB) | Correction Factor (dB/m) |
| 2483.50 | 55.85 | PK | 74 | 18.15 | 80.42 | 25.78 | 4.48 | 54.83 | -24.57 |
| 2483.50 | 38.91 | AV | 54 | 15.09 | 63.48 | 25.78 | 4.48 | 54.83 | -24.57 |

Note:

- 1) Emission level (dBuV/m) = Meter Reading+ antenna Factor+ cable loss- preamp factor.
- 2) Margin value = Limits-Emission level.
- 3) -- Mean the PK detector measured value is below average limit.
- 4) The other emission levels were very low against the limit.
- 5) RBW1MHz VBW3MHz Peak detector is for PK value; RBW 1MHz VBW10Hz Peak detector is for AV value.

4.3 Maximum Conducted Output Power

Limit

The Maximum Peak Output Power Measurement is 30dBm.

Test Procedure

Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the power sensor.

Test Configuration



Test Results

| Type | Channel | Output power PK (dBm) | Limit (dBm) | Result |
|---------------|---------|-----------------------|-------------|--------|
| 802.11b | 01 | 11.82 | 30.00 | Pass |
| | 06 | 11.08 | | |
| | 11 | 11.16 | | |
| 802.11g | 01 | 15.12 | 30.00 | Pass |
| | 06 | 14.86 | | |
| | 11 | 14.99 | | |
| 802.11n(HT20) | 01 | 15.27 | 30.00 | Pass |
| | 06 | 14.96 | | |
| | 11 | 15.12 | | |

Note:

- 1) Measured output power at difference data rate for each mode and recorded worst case for each mode.
- 2) Test results including cable loss.
- 3) Worst case data at 1Mbps at IEEE 802.11b; 6Mbps at IEEE 802.11g; 6.5Mbps at IEEE 802.11n HT20.

4.4 Power Spectral Density

Limit

The resulting peak PSD level shall not be greater than 8 dBm/3KHz.

Test Procedure

1. Use this procedure when the maximum peak conducted output power in the fundamental emission is used to demonstrate compliance.
2. Set the RBW \geq 3 kHz.
3. Set the VBW \geq 3 \times RBW.
4. Set the span to 1.5 times the DTS channel bandwidth.
5. Detector = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum power level.
10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.
11. The resulting peak PSD level shall not be greater than 8 dBm/3KHz.

Test Configuration



Test Results

| Type | Channel | Power Spectral Density (dBm/3KHz) | Limit (dBm/3KHz) | Result |
|---------------|---------|-----------------------------------|------------------|--------|
| 802.11b | 01 | -12.52 | 8.00 | Pass |
| | 06 | -13.49 | | |
| | 11 | -13.01 | | |
| 802.11g | 01 | -15.53 | 8.00 | Pass |
| | 06 | -15.38 | | |
| | 11 | -15.56 | | |
| 802.11n(HT20) | 01 | -17.32 | 8.00 | Pass |
| | 06 | -17.57 | | |
| | 11 | -17.48 | | |

Note:

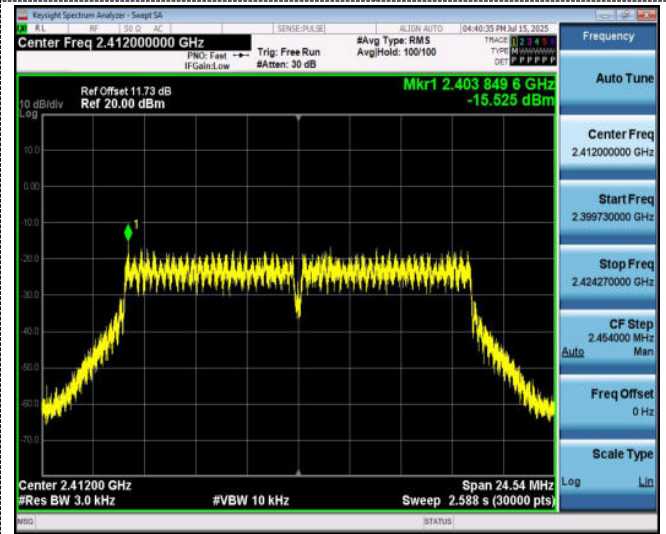
- 1) Measured peak power spectrum density at difference data rate for each mode and recorded worst case for each mode.
- 2) Test results including cable loss;
- 3) Worst case data at 1Mbps at IEEE 802.11b; 6Mbps at IEEE 802.11g; 6.5Mbps at IEEE 802.11n HT20.

Please refer to following plots;

802.11b



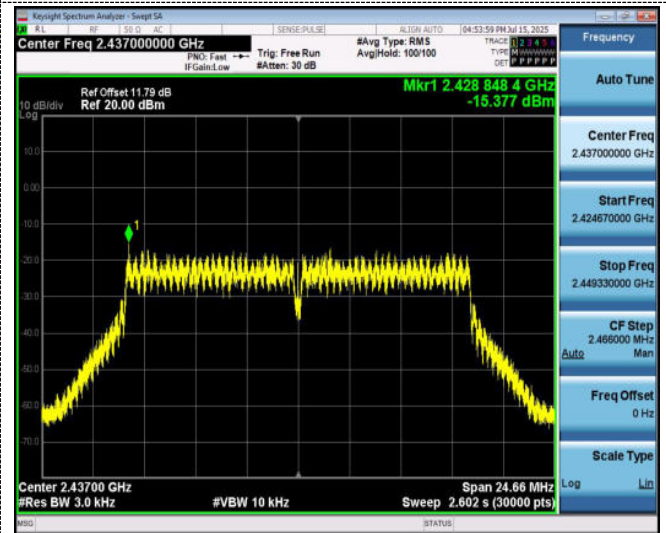
802.11g



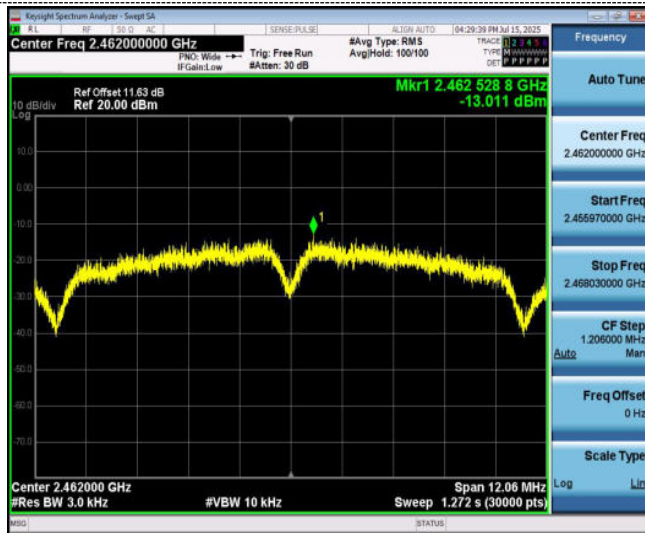
CH01



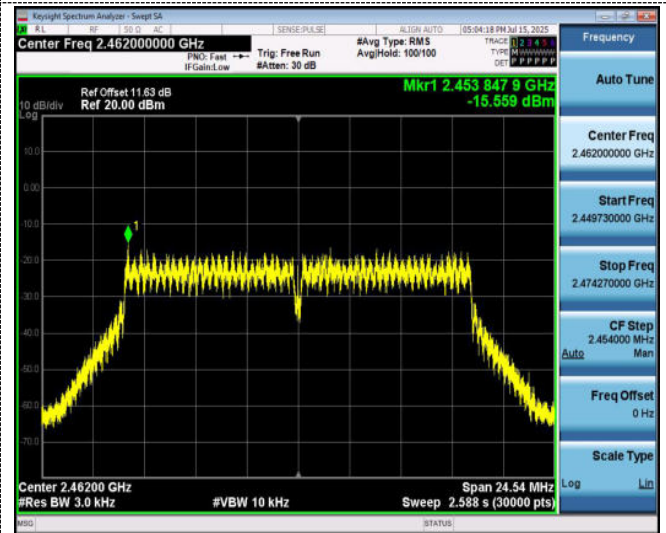
CH01



CH06



CH06



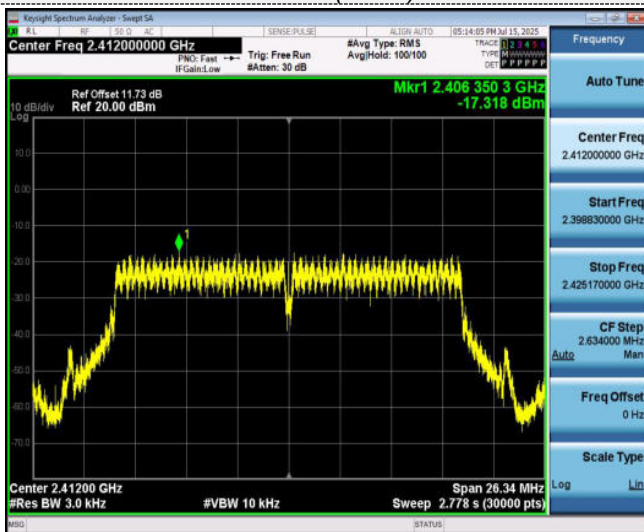
CH11



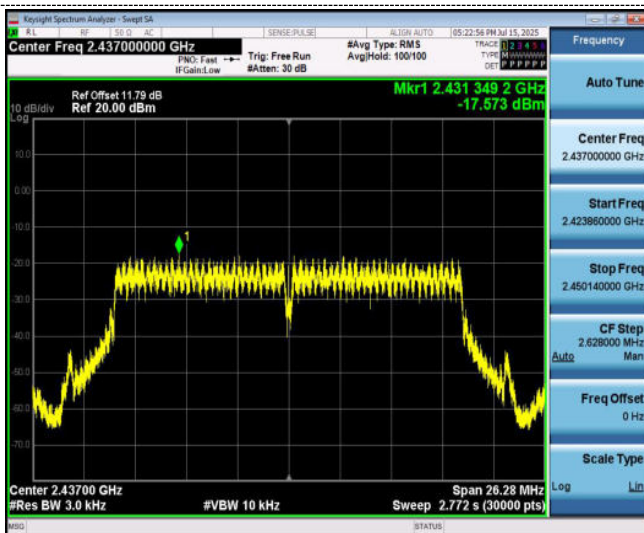
CH11



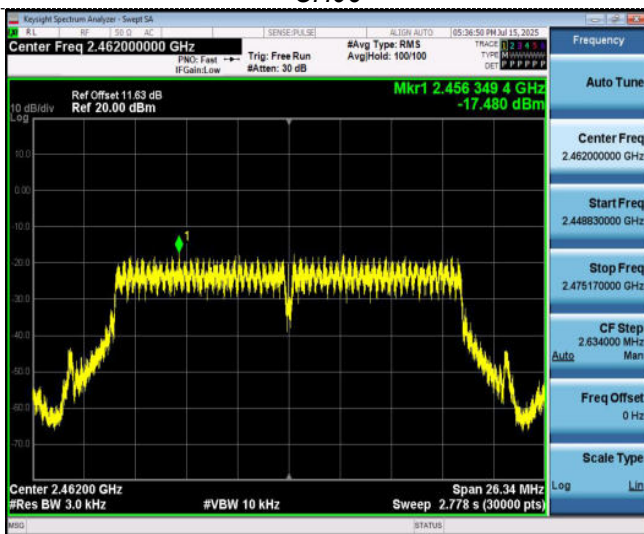
802.11n(HT20)



CH01



CH06



CH11

4.5 6dB Bandwidth

Limit

For digital modulation systems, the minimum 6 dB bandwidth shall be at least 500 kHz

Test Procedure

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with RBW: 1%-5% of the EBW and VBW: 3*RBW. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

Test Configuration



Test Results

| Type | Channel | 6dB Bandwidth (MHz) | Limit (KHz) | Result |
|---------------|---------|---------------------|-------------|--------|
| 802.11b | 01 | 9.200 | ≥500 | Pass |
| | 06 | 9.230 | | |
| | 11 | 9.197 | | |
| 802.11g | 01 | 16.500 | ≥500 | Pass |
| | 06 | 16.620 | | |
| | 11 | 16.580 | | |
| 802.11n(HT20) | 01 | 17.480 | ≥500 | Pass |
| | 06 | 17.620 | | |
| | 11 | 17.670 | | |

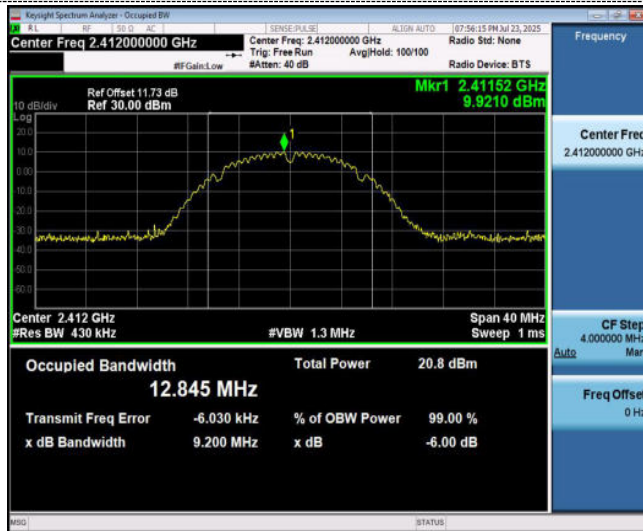
Note:

- 1) Measured peak power spectrum density at difference data rate for each mode and recorded worst case for each mode.
- 2) Test results including cable loss;
- 3) Worst case data at 1Mbps at IEEE 802.11b; 6Mbps at IEEE 802.11g; 6.5Mbps at IEEE 802.11n HT20.

Please refer to following plots;

802.11b

802.11g



CH01

CH01



CH06

CH06



CH11

CH11

802.11n(HT20)



CH01



CH06



CH11

4.6 Out-of-band Emissions

Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required.

Test Procedure

Connect the transmitter output to spectrum analyzer using a low loss RF cable, and set the spectrum analyzer to RBW=100 kHz, VBW= 300 kHz, peak detector, and max hold. Measurements utilizing these settings are made of the in-band reference level, band edge and out-of-band emissions.

Test Configuration



Test Results

Remark: The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency. The lowest, middle and highest channels are tested to verify the spurious emissions and band edge measurement data. And record the worst data in the report.

The test results including the cable loss + power divider loss.

Test plot as follows:

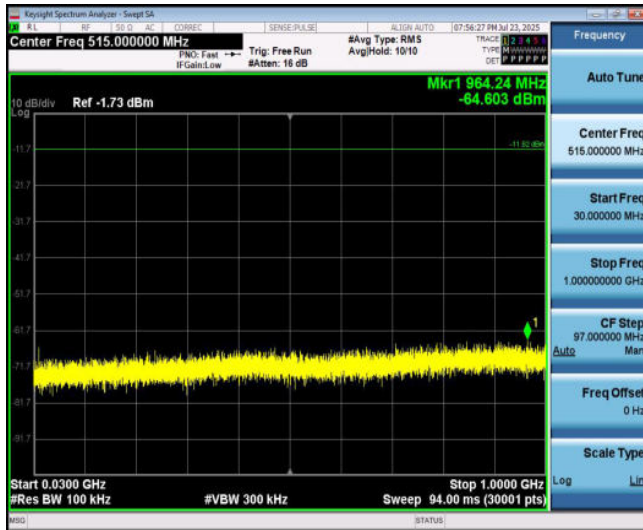
802.11b



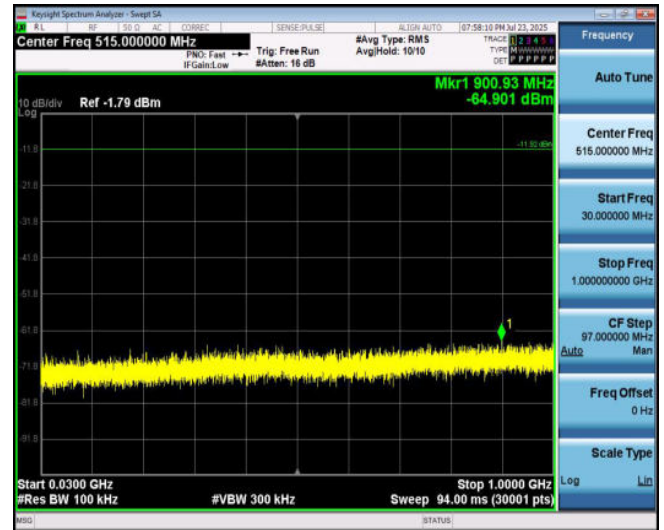
CH01



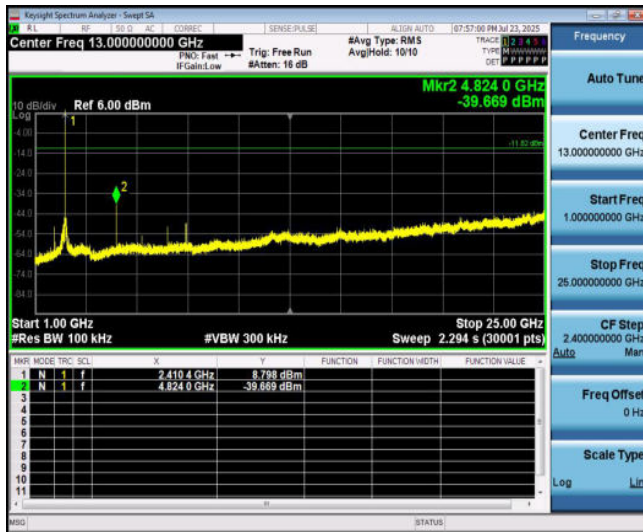
CH06



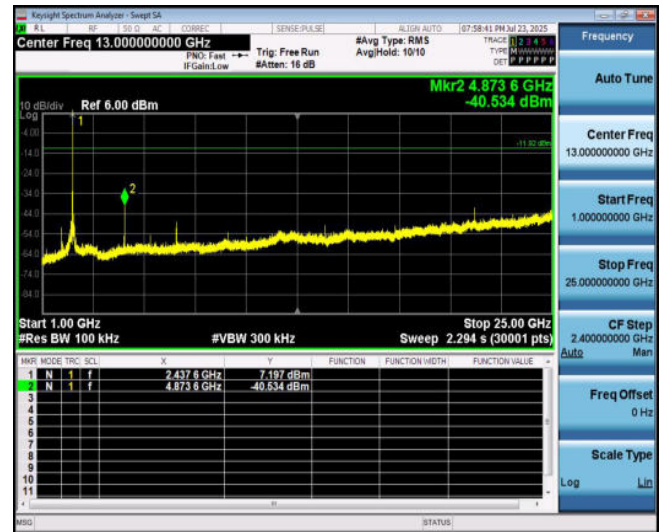
30MHz-1GHz



30MHz-1GHz



1GHz-25GHz



1GHz-25GHz

802.11b



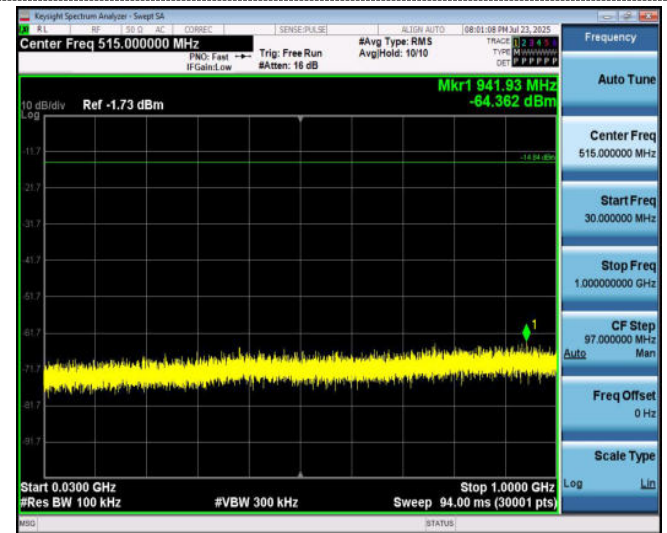
802.11g



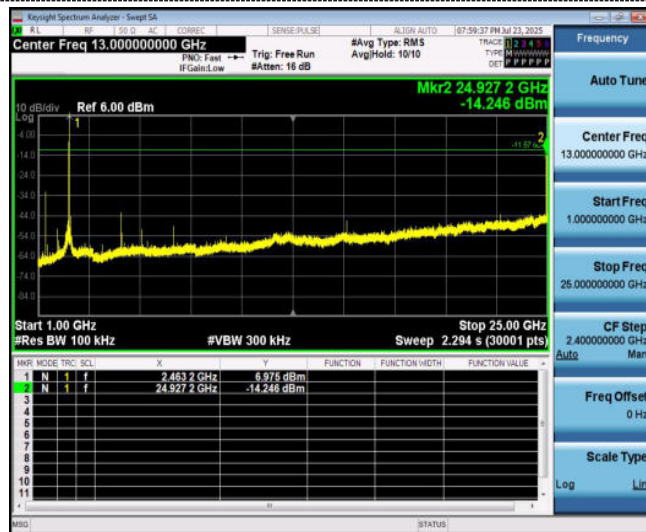
CH11



CH01



30MHz-1GHz



30MHz-1GHz



1GHz -25GHz

1GHz -25GHz

802.11g



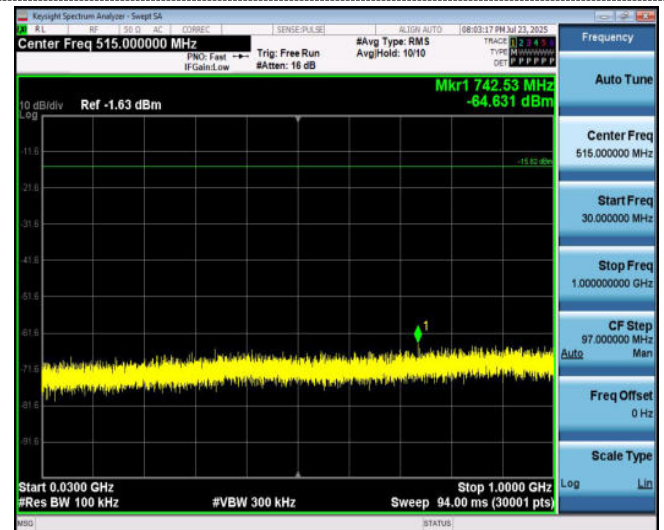
CH06



CH11



30MHz-1GHz



30MHz-1GHz



1GHz-25GHz



1GHz-25GHz

802.11n(HT20)



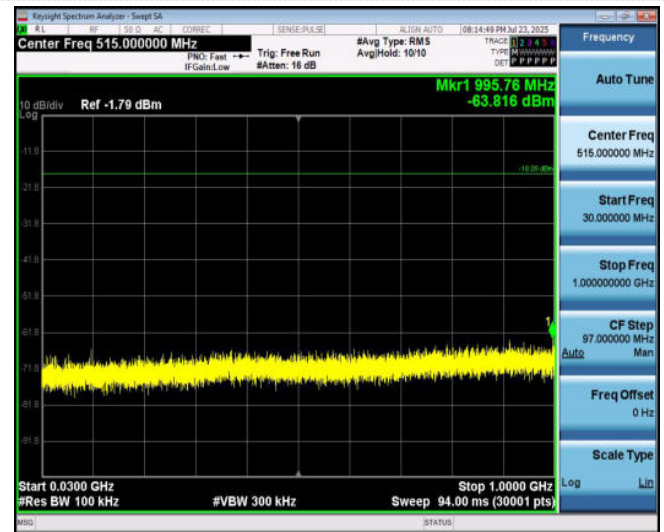
CH01



CH06



30MHz-1GHz



30MHz-1GHz



1GHz-25GHz

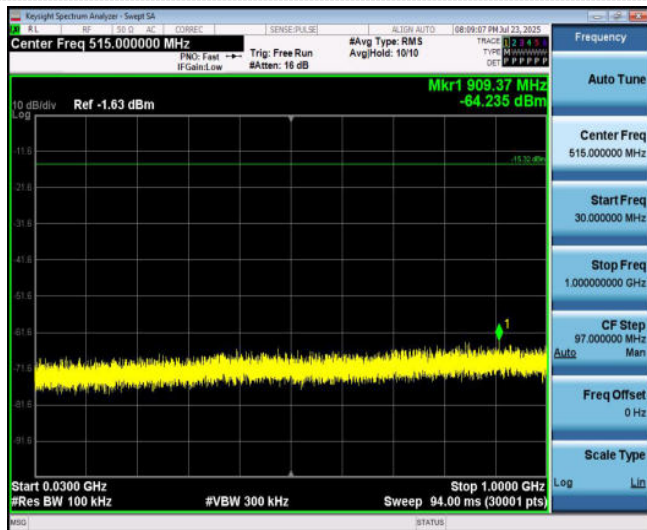


1GHz-25GHz

802.11n(HT20)



CH11



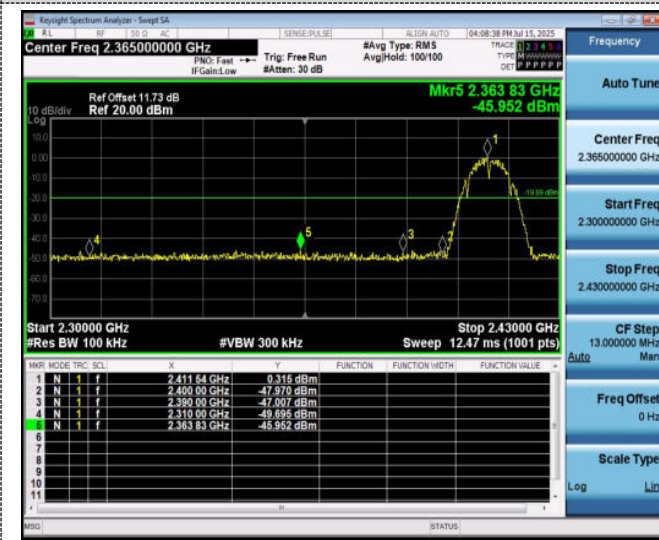
30MHz-1GHz



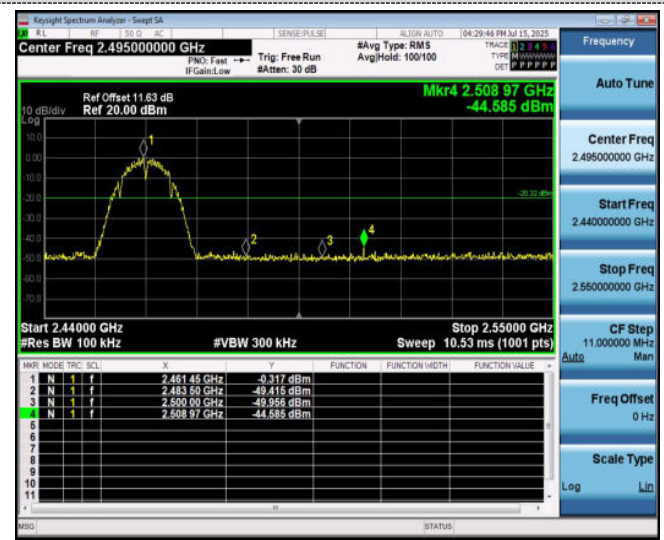
1GHz -25GHz

Band-edge Measurements for RF Conducted Emissions:

802.11b



Left bandedge

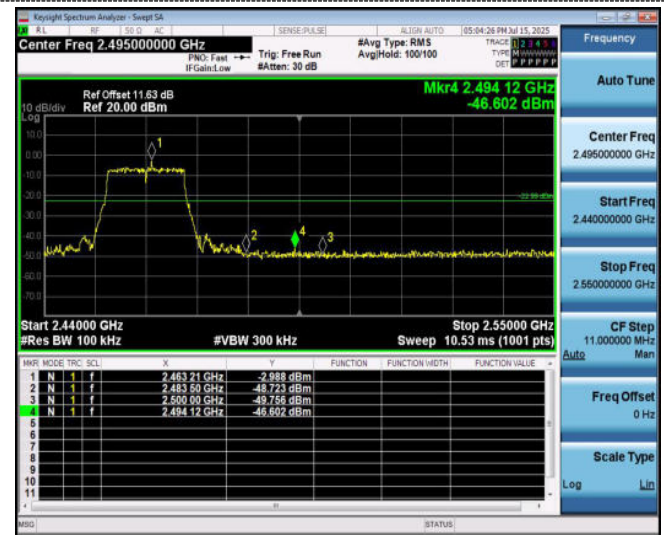


Right bandedge

802.11g

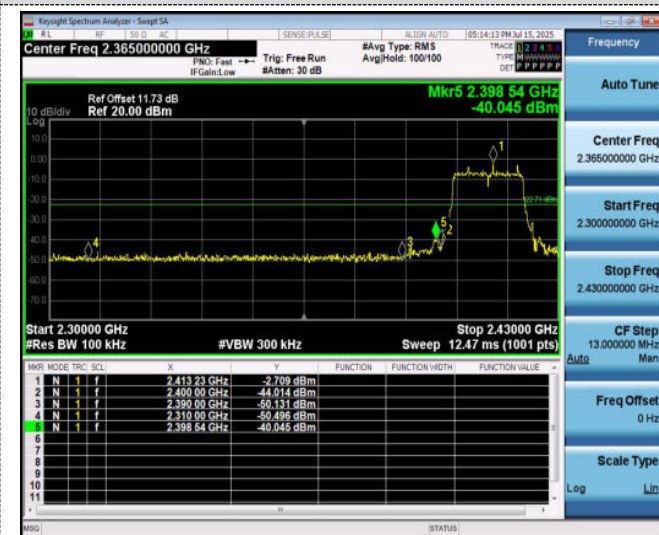


Left bandedge



Right bandedge

802.11n(HT20)



Left bandedge



Right bandedge

4.7 Antenna Requirement

Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, 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.

FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1) (I):

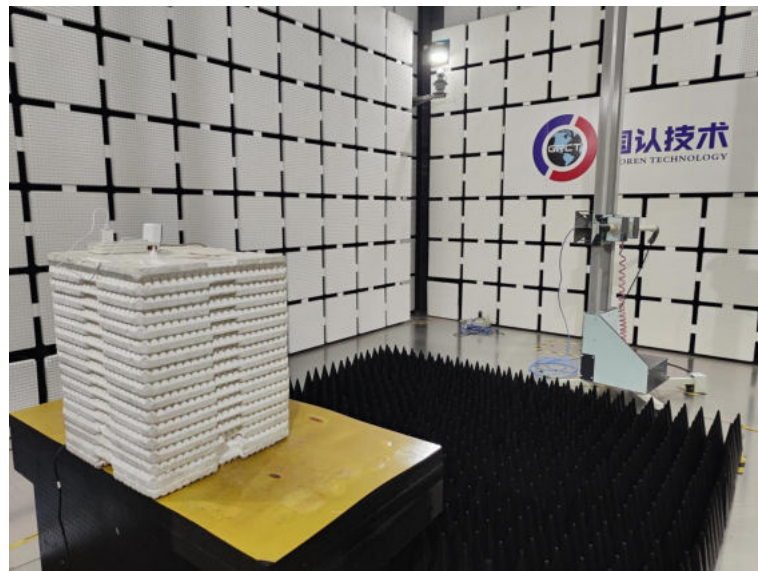
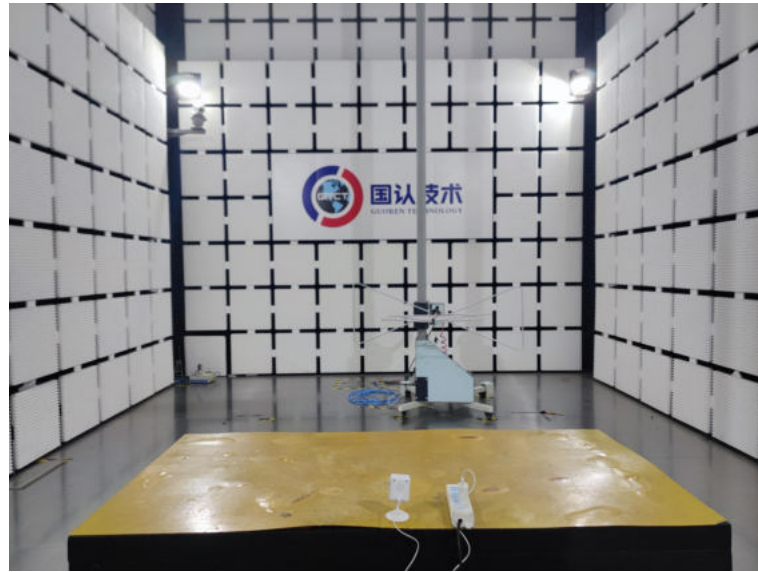
(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

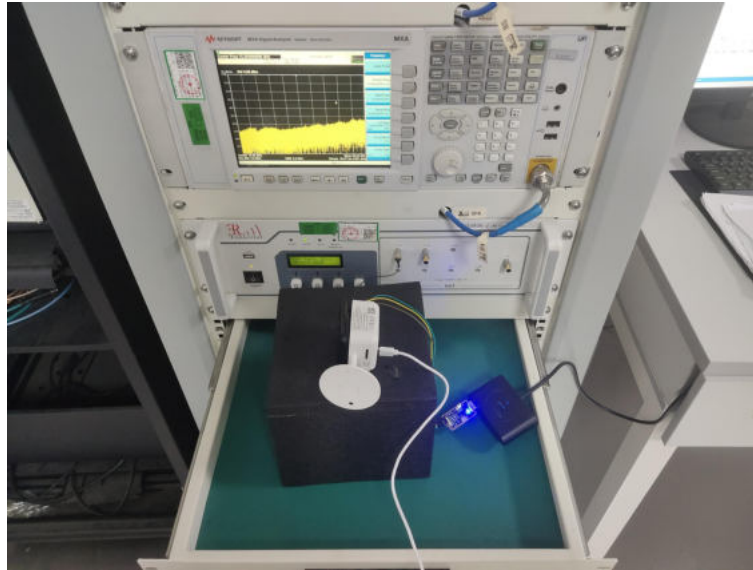
Test Result:

The maximum gain of antenna was 3.29 dBi.

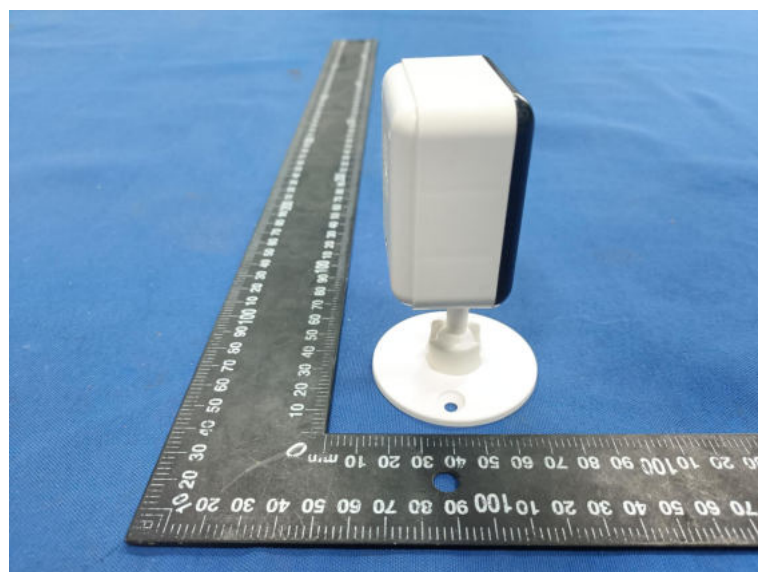
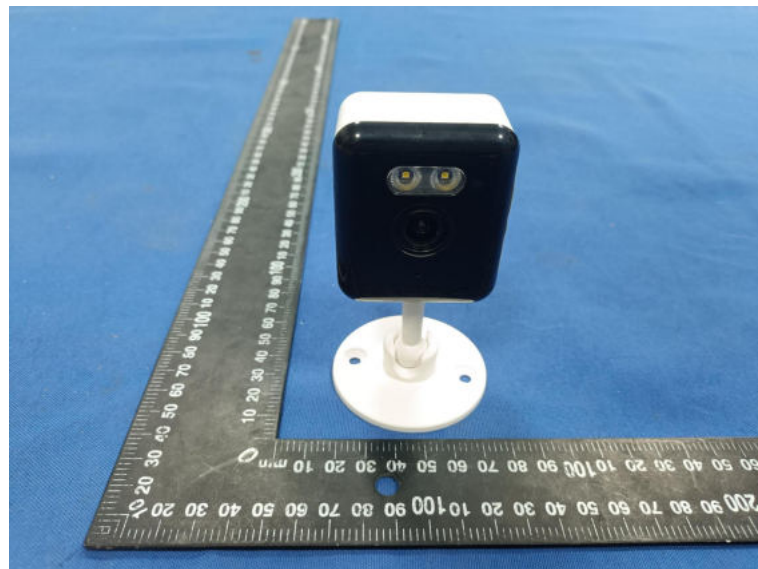
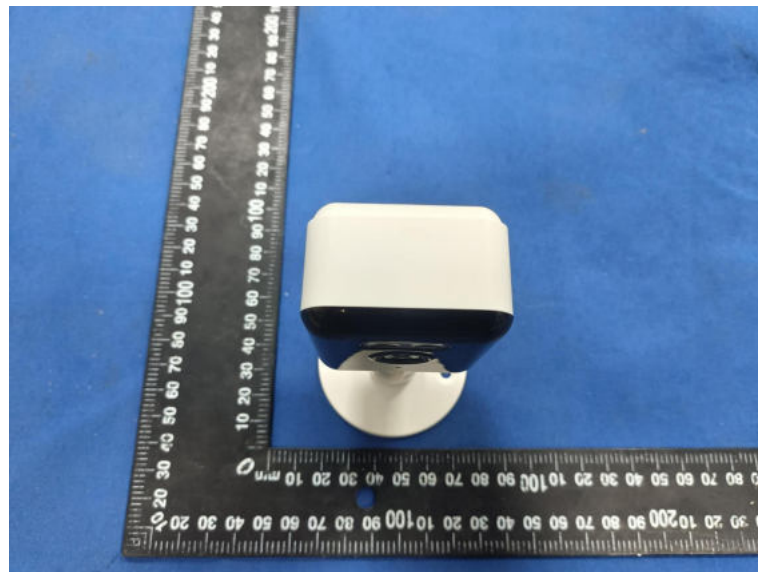
Remark: The antenna gain is provided by the customer, if the data provided by the customer is not accurate, Shenzhen GUOREN Certification Technology Service Co., Ltd. does not assume any responsibility.

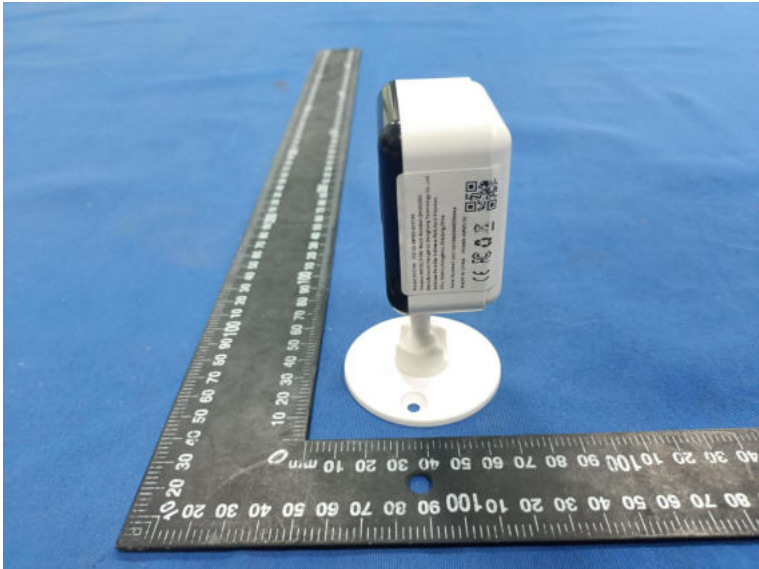
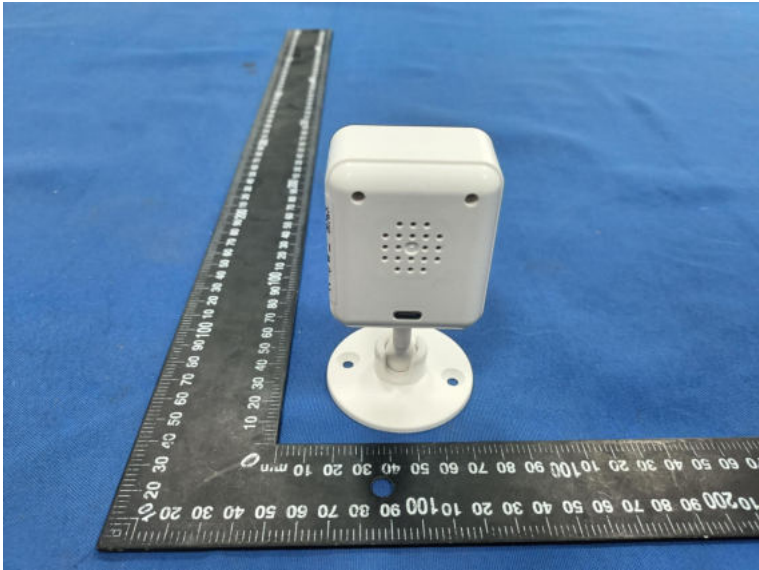
5 Test Setup Photos of the EUT

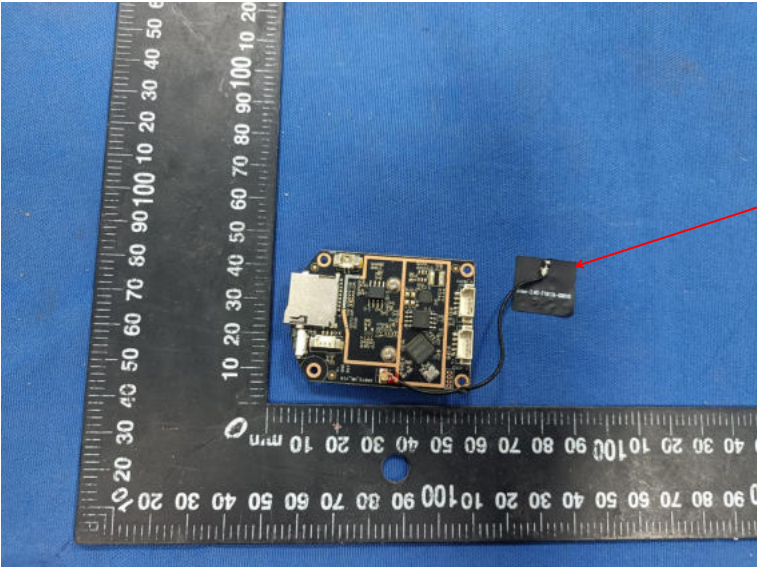
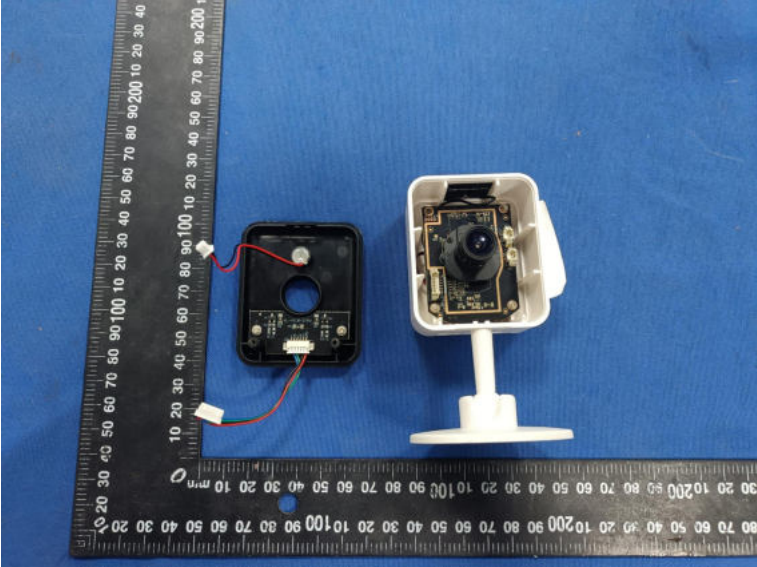




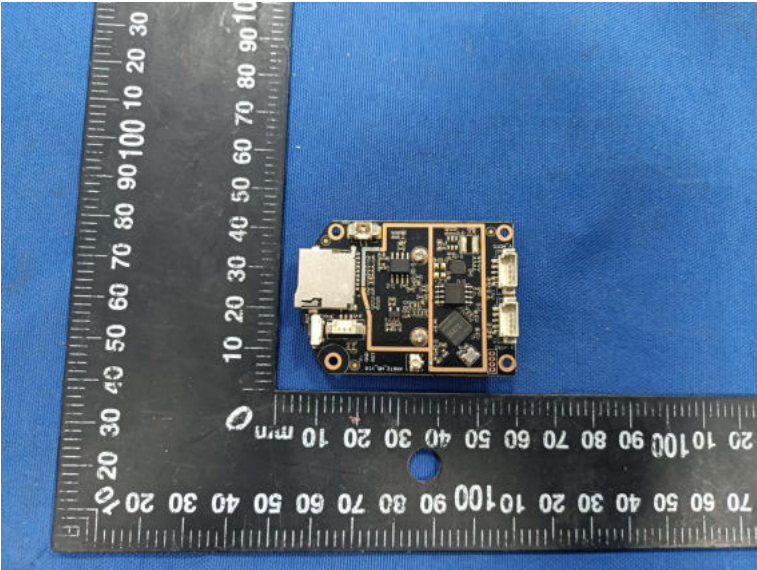
6 Photos of the EUT

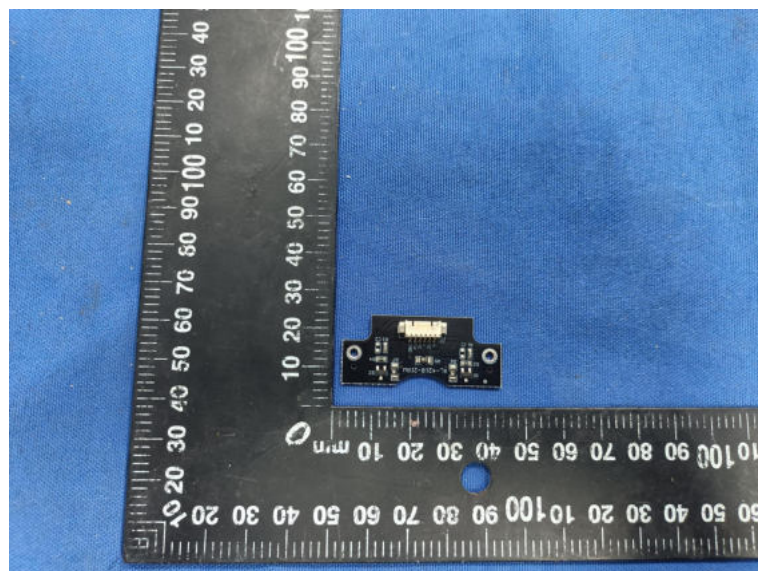
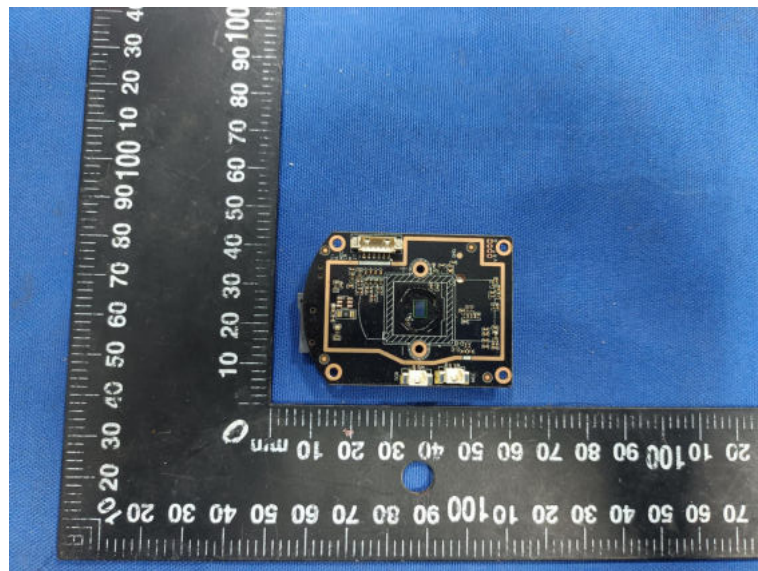
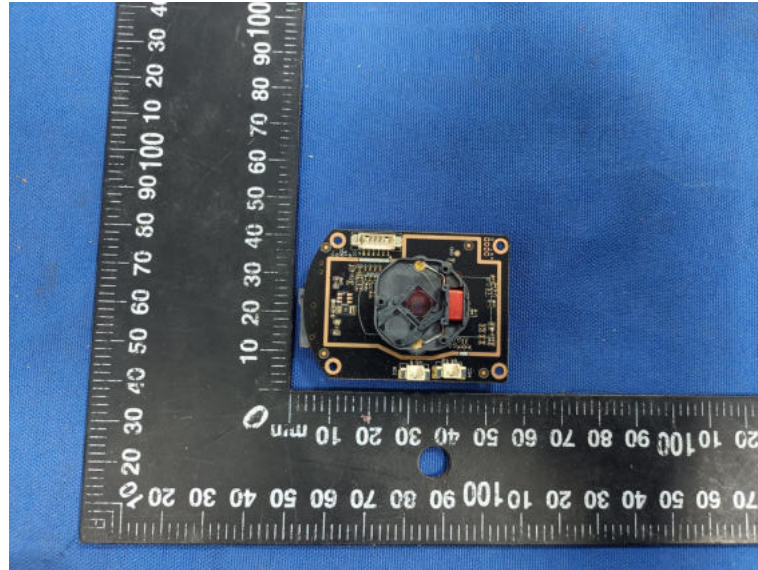


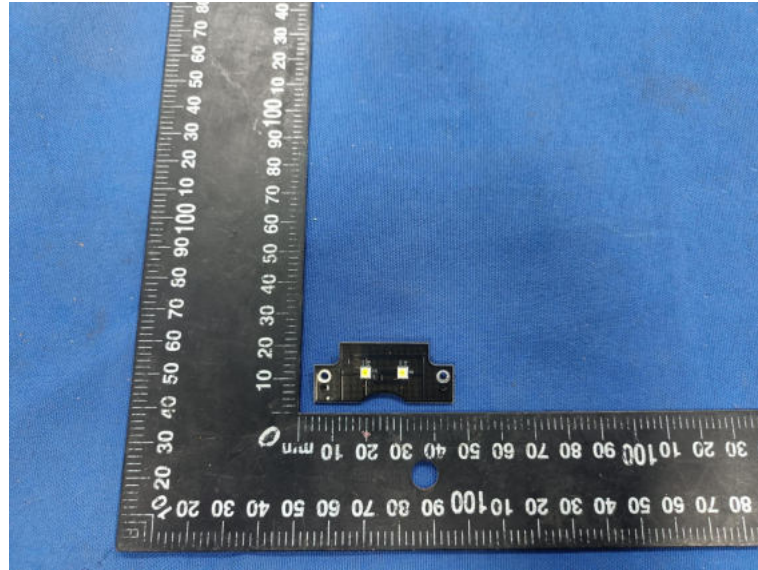




WIFI 2.4G
Antenna







***** End of Report *****