

## TEST REPORT

**Product** : MINI PC  
**Trade mark** : COMPAQ  
**Model/Type reference** : QMP5N1GW8256, QMP5N15GW8256  
**Serial Number** : N/A  
**Report Number** : EED32R81540404  
**FCC ID** : 2BLU9-QMP5N1GW  
**Date of Issue** : Sep. 22, 2025  
**Test Standards** : 47 CFR Part 15 Subpart E  
**Test result** : PASS

Prepared for:

**M&M Electronics, S.A.****Cocosolito, Colon Free Zone, Main Entrance Warehouse 10D and 11D,  
Panama**

Prepared by:

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Date:

Sep. 22, 2025



Check No.: 8413250825

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## 2 Test Summary

| Test Item                                                                                                                                                                                                                                                                                                           | Test Requirement                               | Result |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------|
| <b>Antenna Requirement</b>                                                                                                                                                                                                                                                                                          | 47 CFR Part 15 Subpart C Section 15.203        | PASS   |
| <b>AC Power Line Conducted Emission</b>                                                                                                                                                                                                                                                                             | 47 CFR Part 15 Subpart E Section 15.407 (b)(6) | PASS   |
| <b>Duty Cycle</b>                                                                                                                                                                                                                                                                                                   | 47 CFR Part 15 Subpart E Section 15.407        | PASS   |
| <b>Maximum Conducted Output Power</b>                                                                                                                                                                                                                                                                               | 47 CFR Part 15 Subpart E Section 15.407 (a)    | PASS   |
| <b>26dB Emission Bandwidth</b>                                                                                                                                                                                                                                                                                      | 47 CFR Part 15 Subpart E Section 15.407 (a)    | PASS   |
| <b>99% Occupied Bandwidth</b>                                                                                                                                                                                                                                                                                       | \                                              | PASS   |
| <b>6dB Emission Bandwidth</b>                                                                                                                                                                                                                                                                                       | 47 CFR Part 15 Subpart E Section 15.407 (e)    | PASS   |
| <b>Maximum Power Spectral Density</b>                                                                                                                                                                                                                                                                               | 47 CFR Part 15 Subpart E Section 15.407 (a)    | PASS   |
| <b>Frequency stability</b>                                                                                                                                                                                                                                                                                          | 47 CFR Part 15 Subpart E Section 15.407 (g)    | PASS   |
| <b>Radiated Emissions</b>                                                                                                                                                                                                                                                                                           | 47 CFR Part 15 Subpart E Section 15.407 (b)    | PASS   |
| <b>Radiated Emissions which fall in the restricted bands</b>                                                                                                                                                                                                                                                        | 47 CFR Part 15 Subpart E Section 15.407 (b)    | PASS   |
| Remark:<br><br>Model No.: QMP5N1GW8256, QMP5N15GW8256<br>Only the model QMP5N1GW8256 was tested, have exactly the same electrical characteristics, printed circuit board (PCB) and layout features. the only difference lies in the CPUs, which are different. These two CPUs were adjusted based on market demand. |                                                |        |

### 3 General Information

#### 3.1 Client Information

|                          |                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Applicant:               | M&M Electronics, S.A.                                                                                                                 |
| Address of Applicant:    | Cocosolito, Colon Free Zone, Main Entrance Warehouse 10D and 11D, Panama                                                              |
| Manufacturer:            | M&M Electronics, S.A.                                                                                                                 |
| Address of Manufacturer: | Cocosolito, Colon Free Zone, Main Entrance Warehouse 10D and 11D, Panama                                                              |
| Factory :                | Hunan Greatwall Computer System Co.,Ltd                                                                                               |
| Address of Factory :     | Hunan Greatwall Industrial Park, Tianyi Science and Technology City, Xiangyun Middle Road, Tianyuan District, Zhuzhou, Hunan Province |

#### 3.2 General Description of EUT

|                       |                                                                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name:         | MINI PC                                                                                                                                                                                |
| Model No.:            | QMP5N1GW8256, QMP5N15GW8256                                                                                                                                                            |
| Test Model No.:       | QMP5N1GW8256                                                                                                                                                                           |
| Trade mark:           | COMPAQ                                                                                                                                                                                 |
| Product Type:         | <input type="checkbox"/> Mobile <input type="checkbox"/> Portable <input checked="" type="checkbox"/> Fix Location                                                                     |
| Type of Modulation:   | IEEE 802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM)<br>IEEE 802.11n(HT20/HT40): OFDM (BPSK, QPSK, 16QAM, 64QAM)<br>IEEE 802.11ac(VHT20/VHT40/VHT80): OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM) |
| Operating Frequency   | U-NII-1: 5150-5250MHz<br>U-NII-3: 5745-5825MHz                                                                                                                                         |
| Antenna Type:         | FPC Antenna                                                                                                                                                                            |
| Antenna Gain:         | -0.23 dBi                                                                                                                                                                              |
| Power Supply:         | Adapter: DC 12V                                                                                                                                                                        |
| Test voltage:         | DC 12V                                                                                                                                                                                 |
| Sample Received Date: | Aug. 25, 2025                                                                                                                                                                          |
| Sample tested Date:   | Aug. 25, 2025 to Sep. 08, 2025                                                                                                                                                         |

Operation Frequency each of channel

802.11a/802.11n/802.11ac (20MHz) Frequency/Channel Operations:

| U-NII-1 |                | U-NII-3 |                |
|---------|----------------|---------|----------------|
| Channel | Frequency(MHz) | Channel | Frequency(MHz) |
| 36      | 5180           | 149     | 5745           |
| 40      | 5200           | 153     | 5765           |
| 44      | 5220           | 157     | 5785           |
| 48      | 5240           | 161     | 5805           |
| -       | -              | 165     | 5825           |

802.11n/802.11ac (40MHz) Frequency/Channel Operations:

| U-NII-1 |                | U-NII-3 |                |
|---------|----------------|---------|----------------|
| Channel | Frequency(MHz) | Channel | Frequency(MHz) |
| 38      | 5190           | 151     | 5755           |
| 46      | 5230           | 159     | 5795           |

802.11ac (80MHz) Frequency/Channel Operations:

| U-NII-1 |                | U-NII-3 |                |
|---------|----------------|---------|----------------|
| Channel | Frequency(MHz) | Channel | Frequency(MHz) |
| 42      | 5210           | 155     | 5775           |

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

### 3.3 Test Configuration

| EUT Test Software Settings:                                                                                                                                                                                  |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Software:                                                                                                                                                                                                    | N/A       |
| EUT Power Grade:                                                                                                                                                                                             | Default   |
| Use test software to set the lowest frequency, the middle frequency and the highest frequency keep transmitting of the EUT.                                                                                  |           |
| Test Mode:                                                                                                                                                                                                   |           |
| We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in transmitting operation, which was shown in this test report and defined as follows: |           |
| Per-scan all kind of data rate in lowest channel, and found the follow list which it was worst case.                                                                                                         |           |
| Mode                                                                                                                                                                                                         | Data rate |
| 802.11a                                                                                                                                                                                                      | 6 Mbps    |
| 802.11n(HT20)                                                                                                                                                                                                | MCS0      |
| 802.11n(HT40)                                                                                                                                                                                                | MCS0      |
| 802.11ac(VHT20)                                                                                                                                                                                              | MCS0      |
| 802.11ac(VHT40)                                                                                                                                                                                              | MCS0      |
| 802.11ac(VHT80)                                                                                                                                                                                              | MCS0      |

### 3.4 Test Environment

| Operating Environment:       |                         |            |
|------------------------------|-------------------------|------------|
| Radiated Spurious Emissions: |                         |            |
| Temperature:                 | 22~25.0 °C              |            |
| Humidity:                    | 50~55 % RH              |            |
| Atmospheric Pressure:        | 1010mbar                |            |
| Conducted Emissions:         |                         |            |
| Temperature:                 | 22~25.0 °C              |            |
| Humidity:                    | 50~55 % RH              |            |
| Atmospheric Pressure:        | 1010mbar                |            |
| RF Conducted:                |                         |            |
| Humidity:                    | 50~55 % RH              |            |
| Atmospheric Pressure:        | 1010mbar                |            |
| Temperature:                 | NT (Normal Temperature) | 22~25.0 °C |
|                              | LT (Low Temperature)    | 0 °C       |
|                              | HT (High Temperature)   | 40.0 °C    |
| Working Voltage of the EUT:  | NV (Normal Voltage)     | 12 V       |
|                              | LV (Low Voltage)        | 10.8 V     |
|                              | HV (High Voltage)       | 13.2 V     |

### 3.5 Description of Support Units

The EUT has been tested with associated equipment below.

1 ) Support equipment

| Description | Manufacturer | Model No. | Certification | Supplied by |
|-------------|--------------|-----------|---------------|-------------|
| Netbook     | Dell         | P77F      | FCC&CE        | CTI         |

### 3.6 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Hongwei Industrial Park, Zone 70, Bao'an District, Shenzhen, Guangdong, China

Telephone: +86 (0) 755 33683668 Fax: +86 (0) 755 33683385

No tests were sub-contracted.

FCC Designation No.: CN1164

### 3.7 Deviation from Standards

None.

### 3.8 Abnormalities from Standard Conditions

None.

### 3.9 Other Information Requested by the Customer

None.

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

| No. | Item                            | Measurement Uncertainty |
|-----|---------------------------------|-------------------------|
| 1   | Radio Frequency                 | $7.9 \times 10^{-8}$    |
| 2   | RF power, conducted             | 0.46dB (30MHz-1GHz)     |
|     |                                 | 0.55dB (1GHz-18GHz)     |
| 3   | Radiated Spurious emission test | 3.3dB (9kHz-30MHz)      |
|     |                                 | 4.5dB (30MHz-1GHz)      |
|     |                                 | 4.8dB (1GHz-18GHz)      |
|     |                                 | 3.4dB (18GHz-40GHz)     |
| 4   | Conduction emission             | 3.5dB (9kHz to 150kHz)  |
|     |                                 | 3.1dB (150kHz to 30MHz) |
| 5   | Temperature test                | 0.64°C                  |
| 6   | Humidity test                   | 3.8%                    |
| 7   | DC power voltages               | 0.026%                  |

## 4 Equipment List

| RF test system                          |                        |           |               |                           |                               |
|-----------------------------------------|------------------------|-----------|---------------|---------------------------|-------------------------------|
| Equipment                               | Manufacturer           | Model No. | Serial Number | Cal. Date<br>(mm-dd-yyyy) | Cal. Due date<br>(mm-dd-yyyy) |
| Spectrum Analyzer                       | Keysight               | N9010A    | MY54510339    | 12-05-2024                | 12-04-2025                    |
| Signal Generator                        | Keysight               | N5182B    | MY53051549    | 11-30-2024                | 11-29-2025                    |
| DC Power                                | Keysight               | E3642A    | MY56376072    | 11-30-2024                | 11-29-2025                    |
| Communication test<br>set               | R&S                    | CMW500    | 169004        | 03-03-2025                | 03-02-2026                    |
| RF control<br>unit(power unit)          | JS Tonscend            | JS0806-2  | 22G8060592    | 07-20-2025                | 07-19-2026                    |
| Wi-Fi 7GHz Band<br>Extender             | JS Tonscend            | TS-WF7U2  | 2206200002    | 05-12-2025                | 05-11-2026                    |
| High-low<br>temperature test<br>chamber | Dong Guang Qin<br>Zhuo | LK-80GA   | QZ20150611879 | 11-30-2024                | 11-29-2025                    |
| Temperature/<br>Humidity Indicator      | biaozhi                | HM10      | 1804186       | 05-26-2025                | 05-25-2026                    |
| BT&WI-FI<br>Automatic test<br>software  | JS Tonscend            | JS1120-3  | V3.3.20       | ---                       | ---                           |
| Spectrum Analyzer                       | R&S                    | FSV3044   | 101509        | 02-14-2025                | 02-13-2026                    |

| Conducted disturbance Test      |              |           |               |              |               |
|---------------------------------|--------------|-----------|---------------|--------------|---------------|
| Equipment                       | Manufacturer | Model No. | Serial Number | Cal. date    | Cal. Due date |
|                                 |              |           |               | (mm-dd-yyyy) | (mm-dd-yyyy)  |
| Receiver                        | R&S          | ESCI      | 100435        | 04-08-2025   | 04-07-2026    |
| Temperature/ Humidity Indicator | Defu         | TH128     | /             | 03-31-2025   | 03-30-2026    |
| LISN                            | R&S          | ENV216    | 100098        | 09-19-2024   | 09-18-2025    |
| Barometer                       | changchun    | DYM3      | 1188          | ---          | ---           |
| Test software                   | Fara         | EZ-EMC    | EMC-CON 3A1.1 | ---          | ---           |
| Capacitive voltage probe        | Schwarzbeck  | CVP 9222C | 00124         | 06-18-2024   | 06-17-2025    |
|                                 |              |           |               | 06-07-2025   | 06-06-2026    |
| ISN                             | TESEQ        | ISN T800  | 30297         | 12-05-2024   | 12-04-2025    |

| 3M Semi-anechoic Chamber (2)- Radiated disturbance Test |              |             |               |                          |                          |
|---------------------------------------------------------|--------------|-------------|---------------|--------------------------|--------------------------|
| Equipment                                               | Manufacturer | Model No.   | Serial Number | Cal. date                | Cal. Due date            |
|                                                         |              |             |               | (mm-dd-yyyy)             | (mm-dd-yyyy)             |
| 3M Chamber & Accessory Equipment                        | TDK          | SAC-3       | ---           | 01/13/2024               | 01/12/2027               |
| Receiver                                                | R&S          | ESC17       | 100938-003    | 09/07/2024<br>09/03/2025 | 09/06/2025<br>09/02/2026 |
| Spectrum Analyzer                                       | R&S          | FSV40       | 101200        | 08/11/2025               | 08/10/2026               |
| TRILOG Broadband Antenna                                | schwarzbeck  | VULB 9163   | 9163-618      | 05/14/2025               | 05/13/2026               |
| Loop Antenna                                            | Schwarzbeck  | FMZB 1519B  | 1519B-076     | 04/07/2025               | 04/06/2026               |
| Microwave Preamplifier                                  | Tonscend     | EMC051845SE | 980380        | 12/05/2024               | 12/04/2025               |
| Horn Antenna                                            | A.H.SYSTEMS  | SAS-574     | 374           | 07/02/2023               | 07/01/2026               |
| Horn Antenna                                            | ETS-LINGREN  | BBHA 9120D  | 9120D-1869    | 04/07/2025               | 04/06/2026               |
| Preamplifier                                            | Agilent      | 11909A      | 12-1          | 03/03/2025               | 03/02/2026               |
| Preamplifier                                            | CD           | PAP-1840-60 | 6041.6042     | 05/26/2025               | 05/25/2026               |
| Test software                                           | Fara         | EZ-EMC      | EMEC-3A1-Pre  | ---                      | ---                      |
| Cable line                                              | Fulai(7M)    | SF106       | 5219/6A       | 01/13/2024               | 01/12/2027               |
| Cable line                                              | Fulai(6M)    | SF106       | 5220/6A       | 01/13/2024               | 01/12/2027               |
| Cable line                                              | Fulai(3M)    | SF106       | 5216/6A       | 01/13/2024               | 01/12/2027               |
| Cable line                                              | Fulai(3M)    | SF106       | 5217/6A       | 01/13/2024               | 01/12/2027               |

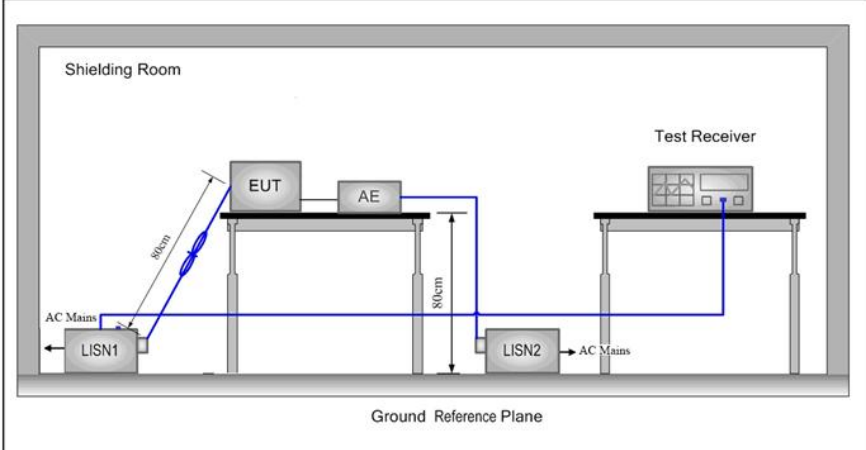
| 3M full-anechoic Chamber           |              |                   |               |                           |                               |
|------------------------------------|--------------|-------------------|---------------|---------------------------|-------------------------------|
| Equipment                          | Manufacturer | Model No.         | Serial Number | Cal. Date<br>(mm-dd-yyyy) | Cal. Due date<br>(mm-dd-yyyy) |
| Fully Anechoic Chamber             | TDK          | FAC-3             | ---           | 01-09-2024                | 01-08-2027                    |
| Receiver                           | Keysight     | N9038A            | MY57290136    | 01-04-2025                | 01-03-2026                    |
| Spectrum Analyzer                  | Keysight     | N9020B            | MY57111112    | 01-14-2025                | 01-13-2026                    |
| Spectrum Analyzer                  | Keysight     | N9030B            | MY57140871    | 01-14-2025                | 01-13-2026                    |
| TRILOG<br>Broadband<br>Antenna     | Schwarzbeck  | VULB 9163         | 9163-1148     | 04-12-2025                | 04-11-2026                    |
| Horn Antenna                       | Schwarzbeck  | BBHA 9170         | 9170-832      | 04-12-2025                | 04-11-2026                    |
| Horn Antenna                       | ETS-LINDGREN | 3117              | 57407         | 07-03-2024<br>06-29-2025  | 07-02-2025<br>06-28-2026      |
| Preamplifier                       | EMCI         | EMC001330         | 980563        | 03-03-2025                | 03-02-2026                    |
| Preamplifier                       | Tonscend     | TAP-011858        | AP21B806112   | 07-18-2024<br>07-07-2025  | 07-17-2025<br>07-06-2026      |
| Preamplifier                       | Tonscend     | EMC051845SE       | 980380        | 12-05-2024                | 12-04-2025                    |
| Communication<br>test set          | R&S          | CMW500            | 102898        | 01-04-2025                | 01-03-2026                    |
| Temperature/<br>Humidity Indicator | biaozhi      | GM1360            | EE1186631     | 03-31-2025                | 03-30-2026                    |
| RSE Automatic<br>test software     | JS Tonscend  | JS36-RSE          | V4.0.0.0      | ---                       | ---                           |
| Cable line                         | Times        | SFT205-NMSM-2.50M | 394812-0001   | 01-09-2024                | 01-08-2027                    |
| Cable line                         | Times        | SFT205-NMSM-2.50M | 394812-0002   | 01-09-2024                | 01-08-2027                    |
| Cable line                         | Times        | SFT205-NMSM-2.50M | 394812-0003   | 01-09-2024                | 01-08-2027                    |
| Cable line                         | Times        | SFT205-NMSM-2.50M | 393495-0001   | 01-09-2024                | 01-08-2027                    |
| Cable line                         | Times        | EMC104-NMNM-1000  | SN160710      | 01-09-2024                | 01-08-2027                    |
| Cable line                         | Times        | SFT205-NMSM-3.00M | 394813-0001   | 01-09-2024                | 01-08-2027                    |
| Cable line                         | Times        | SFT205-NMNM-1.50M | 381964-0001   | 01-09-2024                | 01-08-2027                    |
| Cable line                         | Times        | SFT205-NMSM-7.00M | 394815-0001   | 01-09-2024                | 01-08-2027                    |
| Cable line                         | Times        | HF160-KMKM-3.00M  | 393493-0001   | 01-09-2024                | 01-08-2027                    |

## 5 Radio Technical Requirements Specification

### 5.1 Antenna Requirement

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>Standard requirement:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                              | 47 CFR Part 15C Section 15.203 |
| 15.203 requirement:<br>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. |                                |
| <b>EUT Antenna:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Please see Internal photos     |
| The antenna is FPC antenna. The best case gain of the antenna is -0.23dBi.                                                                                                                                                                                                                                                                                                                                                                                                |                                |

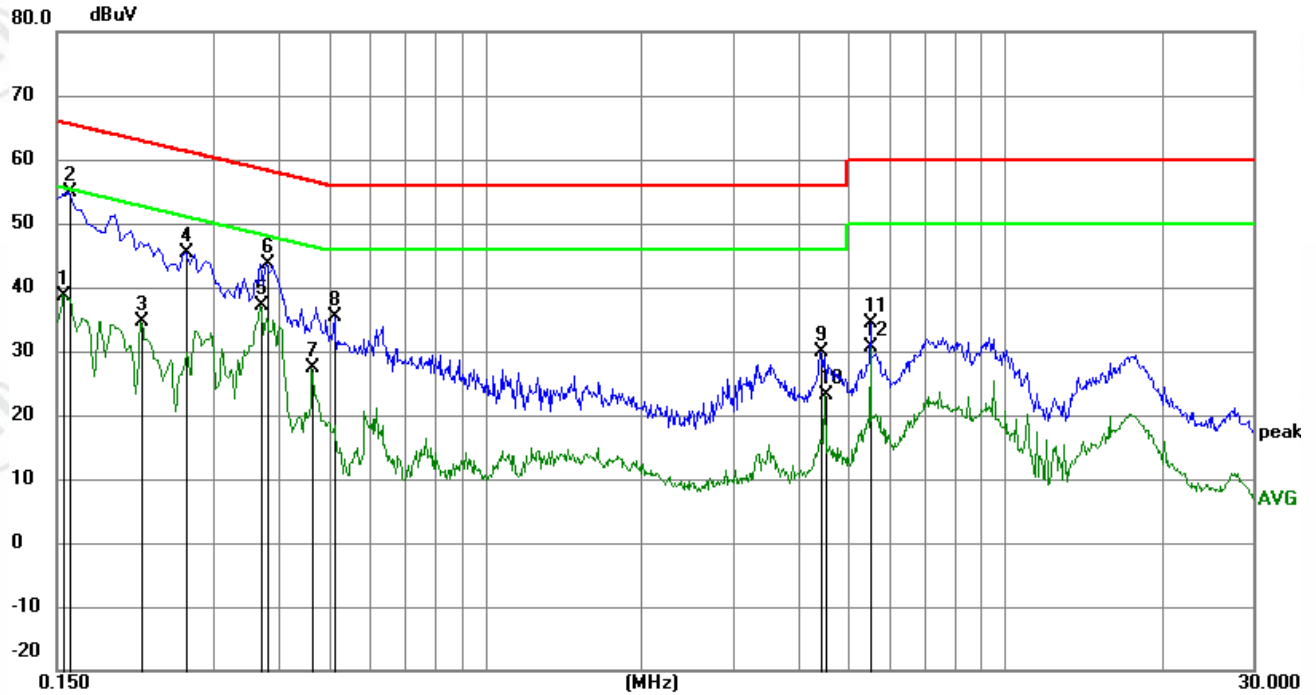
## 5.2 AC Power Line Conducted Emissions

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |           |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
| Test Requirement:                                | 47 CFR Part 15C Section 15.207                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |           |
| Test Method:                                     | ANSI C63.10: 2013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |           |
| Test Frequency Range:                            | 150kHz to 30MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |           |
| Receiver setup:                                  | RBW=9 kHz, VBW=30 kHz, Sweep time=auto                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              |           |
| Limit:                                           | 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 Setup:                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |           |
| Test Procedure:                                  | <ol style="list-style-type: none"> <li>1) The mains terminal disturbance voltage test was conducted in a shielded room.</li> <li>2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.</li> <li>3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane.</li> <li>4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.</li> <li>5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to</li> </ol> |              |           |

|               |                                                                        |
|---------------|------------------------------------------------------------------------|
|               | ANSI C63.10: 2013 on conducted measurement.                            |
| Test Mode:    | All modes were tested, only the worst case was recorded in the report. |
| Test Results: | Pass                                                                   |

## Measurement Data

Live line:

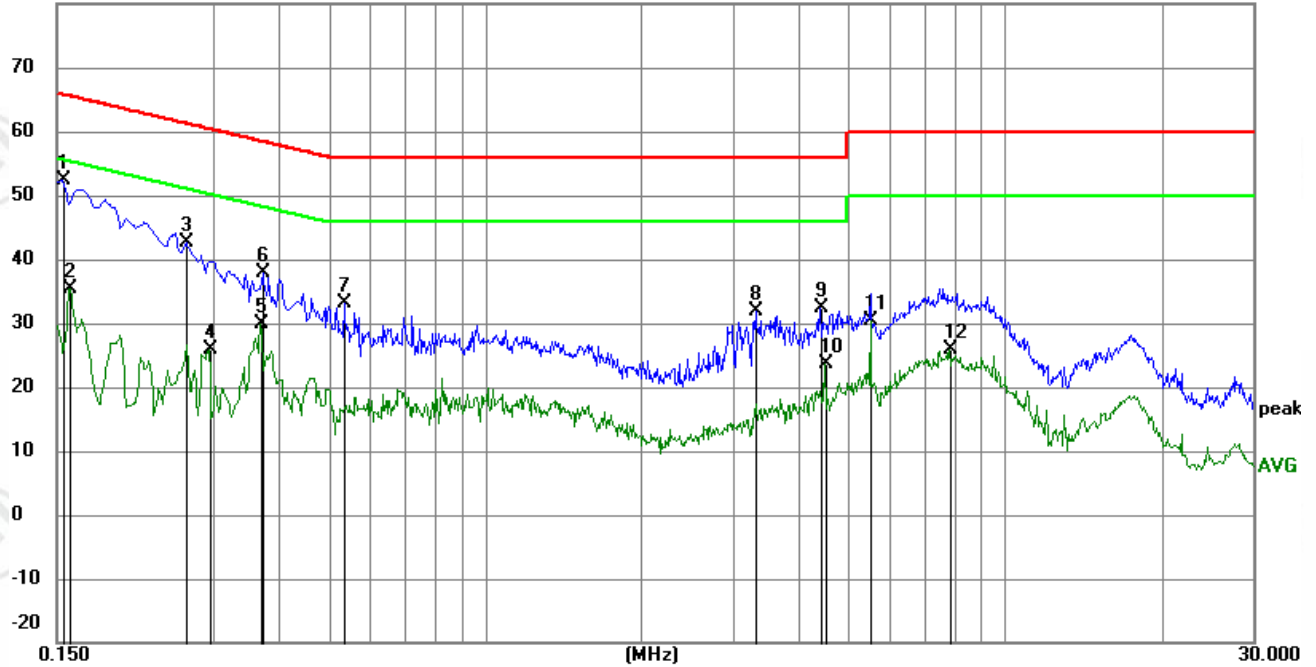


| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1   |     | 0.1545       | 28.47                    | 10.28                   | 38.75                    | 55.75         | -17.00       | AVG      |         |
| 2   | *   | 0.1590       | 44.55                    | 10.27                   | 54.82                    | 65.52         | -10.70       | QP       |         |
| 3   |     | 0.2175       | 24.55                    | 10.20                   | 34.75                    | 52.91         | -18.16       | AVG      |         |
| 4   |     | 0.2670       | 35.22                    | 10.16                   | 45.38                    | 61.21         | -15.83       | QP       |         |
| 5   |     | 0.3704       | 26.96                    | 10.10                   | 37.06                    | 48.49         | -11.43       | AVG      |         |
| 6   |     | 0.3795       | 33.51                    | 10.10                   | 43.61                    | 58.29         | -14.68       | QP       |         |
| 7   |     | 0.4650       | 17.24                    | 10.08                   | 27.32                    | 46.60         | -19.28       | AVG      |         |
| 8   |     | 0.5144       | 25.18                    | 10.08                   | 35.26                    | 56.00         | -20.74       | QP       |         |
| 9   |     | 4.4160       | 19.76                    | 10.08                   | 29.84                    | 56.00         | -26.16       | QP       |         |
| 10  |     | 4.5150       | 13.12                    | 10.08                   | 23.20                    | 46.00         | -22.80       | AVG      |         |
| 11  |     | 5.5185       | 24.36                    | 10.05                   | 34.41                    | 60.00         | -25.59       | QP       |         |
| 12  |     | 5.5185       | 20.49                    | 10.05                   | 30.54                    | 50.00         | -19.46       | AVG      |         |

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.
3. If the Peak value under Average limit, the Average value is not recorded in the report.

Neutral line:  
80.0 dBuV

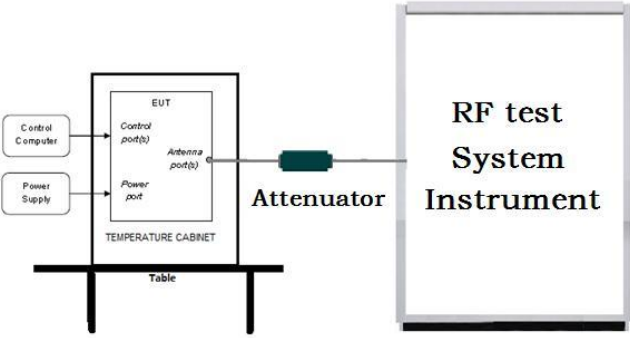


| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1   | *   | 0.1545       | 42.16                    | 10.28                   | 52.44                    | 65.75         | -13.31       | QP       |         |
| 2   |     | 0.1590       | 25.07                    | 10.27                   | 35.34                    | 55.52         | -20.18       | AVG      |         |
| 3   |     | 0.2670       | 32.50                    | 10.16                   | 42.66                    | 61.21         | -18.55       | QP       |         |
| 4   |     | 0.2940       | 15.75                    | 10.13                   | 25.88                    | 50.41         | -24.53       | AVG      |         |
| 5   |     | 0.3704       | 19.69                    | 10.10                   | 29.79                    | 48.49         | -18.70       | AVG      |         |
| 6   |     | 0.3750       | 27.77                    | 10.10                   | 37.87                    | 58.39         | -20.52       | QP       |         |
| 7   |     | 0.5370       | 23.03                    | 10.09                   | 33.12                    | 56.00         | -22.88       | QP       |         |
| 8   |     | 3.3135       | 21.71                    | 10.12                   | 31.83                    | 56.00         | -24.17       | QP       |         |
| 9   |     | 4.4115       | 22.32                    | 10.08                   | 32.40                    | 56.00         | -23.60       | QP       |         |
| 10  |     | 4.5150       | 13.49                    | 10.08                   | 23.57                    | 46.00         | -22.43       | AVG      |         |
| 11  |     | 5.5185       | 20.27                    | 10.05                   | 30.32                    | 50.00         | -19.68       | AVG      |         |
| 12  |     | 7.8225       | 15.84                    | 10.01                   | 25.85                    | 50.00         | -24.15       | AVG      |         |

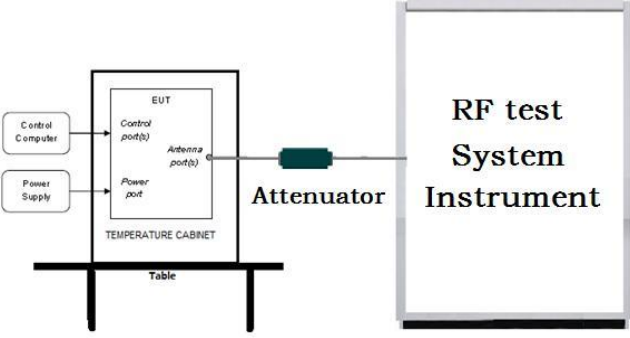
Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.
3. If the Peak value under Average limit, the Average value is not recorded in the report.

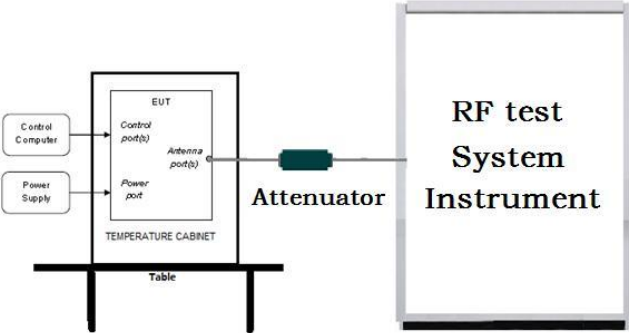
## 5.3 Maximum Conducted Output Power

| Test Requirement:    | 47 CFR Part 15C Section 15.407 (a)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |       |           |                              |                                 |           |                                                  |           |                                                  |           |            |         |                                                                                                                                                                                                                             |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------|-----------|------------------------------|---------------------------------|-----------|--------------------------------------------------|-----------|--------------------------------------------------|-----------|------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Method:         | KDB789033 D02 General UNII Test Procedures New Rules v02r01 Section E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |       |           |                              |                                 |           |                                                  |           |                                                  |           |            |         |                                                                                                                                                                                                                             |
| Test Setup:          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |       |           |                              |                                 |           |                                                  |           |                                                  |           |            |         |                                                                                                                                                                                                                             |
| Test Procedure:      | <ol style="list-style-type: none"> <li>1. The testing follows the Measurement Procedure of KDB789033 D02 General UNII Test Procedures New Rules v02r01 Section E, 3, a</li> <li>2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.</li> <li>3. Set to the maximum power setting and enable the EUT transmit continuously.</li> <li>4. Measure the conducted output power and record the results in the test report.</li> </ol>                                                                                                                                                                                                              |                      |       |           |                              |                                 |           |                                                  |           |                                                  |           |            |         |                                                                                                                                                                                                                             |
| Limit:               | <table border="1"> <thead> <tr> <th>Frequency band (MHz)</th><th>Limit</th></tr> </thead> <tbody> <tr> <td rowspan="2">5150-5250</td><td>≤1W(30dBm) for master device</td></tr> <tr> <td>≤250mW(24dBm) for client device</td></tr> <tr> <td>5250-5350</td><td>≤250mW(24dBm) for client device or 11dBm+10logB*</td></tr> <tr> <td>5470-5725</td><td>≤250mW(24dBm) for client device or 11dBm+10logB*</td></tr> <tr> <td>5725-5850</td><td>≤1W(30dBm)</td></tr> <tr> <td>Remark:</td><td>* Where B is the 26dB emission bandwidth in MHz<br/>The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.</td></tr> </tbody> </table> | Frequency band (MHz) | Limit | 5150-5250 | ≤1W(30dBm) for master device | ≤250mW(24dBm) for client device | 5250-5350 | ≤250mW(24dBm) for client device or 11dBm+10logB* | 5470-5725 | ≤250mW(24dBm) for client device or 11dBm+10logB* | 5725-5850 | ≤1W(30dBm) | Remark: | * Where B is the 26dB emission bandwidth in MHz<br>The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage. |
| Frequency band (MHz) | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |       |           |                              |                                 |           |                                                  |           |                                                  |           |            |         |                                                                                                                                                                                                                             |
| 5150-5250            | ≤1W(30dBm) for master device                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |       |           |                              |                                 |           |                                                  |           |                                                  |           |            |         |                                                                                                                                                                                                                             |
|                      | ≤250mW(24dBm) for client device                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |       |           |                              |                                 |           |                                                  |           |                                                  |           |            |         |                                                                                                                                                                                                                             |
| 5250-5350            | ≤250mW(24dBm) for client device or 11dBm+10logB*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |       |           |                              |                                 |           |                                                  |           |                                                  |           |            |         |                                                                                                                                                                                                                             |
| 5470-5725            | ≤250mW(24dBm) for client device or 11dBm+10logB*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |       |           |                              |                                 |           |                                                  |           |                                                  |           |            |         |                                                                                                                                                                                                                             |
| 5725-5850            | ≤1W(30dBm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |       |           |                              |                                 |           |                                                  |           |                                                  |           |            |         |                                                                                                                                                                                                                             |
| Remark:              | * Where B is the 26dB emission bandwidth in MHz<br>The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |       |           |                              |                                 |           |                                                  |           |                                                  |           |            |         |                                                                                                                                                                                                                             |
| Test Mode:           | Transmitting mode with modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |       |           |                              |                                 |           |                                                  |           |                                                  |           |            |         |                                                                                                                                                                                                                             |
| Test Results:        | Refer to Appendix A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      |       |           |                              |                                 |           |                                                  |           |                                                  |           |            |         |                                                                                                                                                                                                                             |

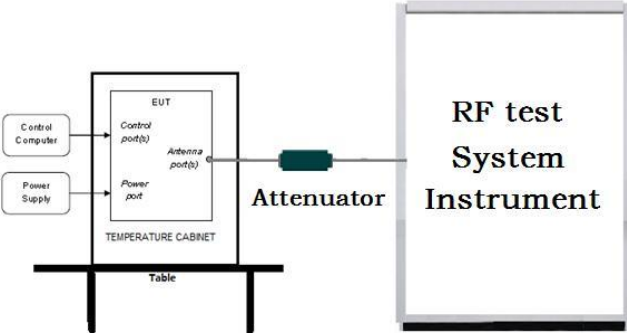
## 5.4 6dB Emission Bandwidth

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Requirement: | 47 CFR Part 15C Section 15.407 (e)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Test Method:      | KDB789033 D02 General UNII Test Procedures New Rules v02r01 Section C                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Test Setup:       |  <p>Remark: Offset=Cable loss+ attenuation factor.</p>                                                                                                                                                                                                                                                                                                                                                                                |
| Test Procedure:   | <ol style="list-style-type: none"> <li>1. KDB789033 D02 General UNII Test Procedures New Rules v02r01 Section C</li> <li>2. Set to the maximum power setting and enable the EUT transmit continuously.</li> <li>3. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6dB bandwidth must be greater than 500 kHz.</li> <li>4. Measure and record the results in the test report.</li> </ol> |
| Limit:            | ≥ 500 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Test Mode:        | Transmitting mode with modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Test Results:     | Refer to Appendix A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

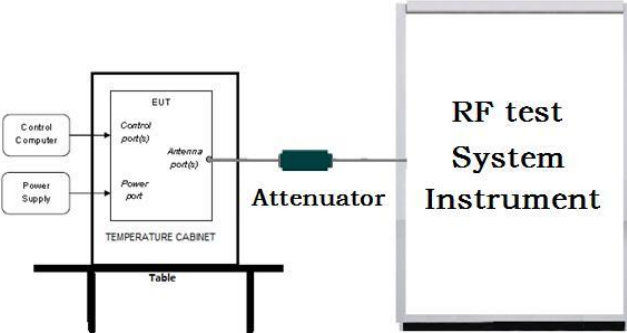
5.5 26dB Emission Bandwidth and 99% Occupied Bandwidth

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Requirement: | 47 CFR Part 15C Section 15.407 (a)                                                                                                                                                                                                                                                                                                                                                                                                             |
| Test Method:      | KDB789033 D02 General UNII Test Procedures New Rules v02r01 Section D                                                                                                                                                                                                                                                                                                                                                                          |
| Test Setup:       | <div></div> <p>Remark: Offset=Cable loss+ attenuation factor.</p>                                                                                                                                                                                                                                                                                            |
| Test Procedure:   | <div><div>1. KDB789033 D02 General UNII Test Procedures New Rules v02r01 Section D</div><div>2. Set to the maximum power setting and enable the EUT transmit continuously.</div><div>3. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement.</div><div>4. Measure and record the results in the test report.</div></div> |
| Limit:            | No restriction limits                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Test Mode:        | Transmitting mode with modulation                                                                                                                                                                                                                                                                                                                                                                                                              |
| Test Results:     | Refer to Appendix A                                                                                                                                                                                                                                                                                                                                                                                                                            |

## 5.6 Maximum Power Spectral Density

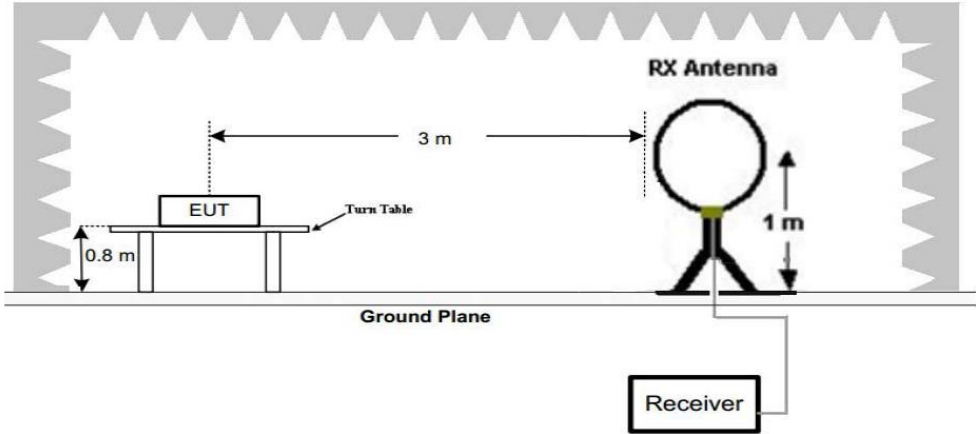
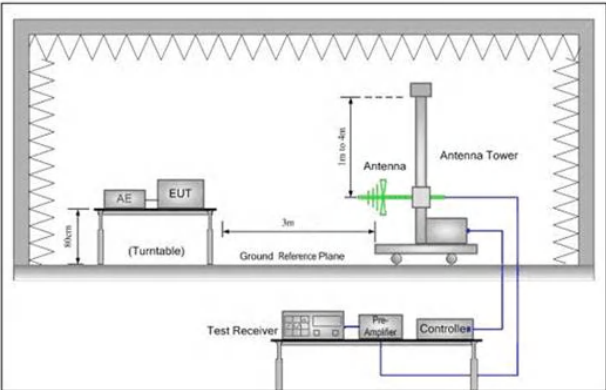
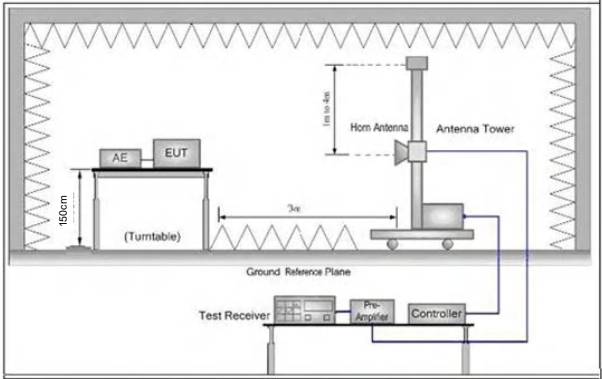
| Test Requirement:    | 47 CFR Part 15C Section 15.407 (a)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |       |           |                                                                      |           |                                  |           |                                  |           |                  |         |                                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------|-----------|----------------------------------------------------------------------|-----------|----------------------------------|-----------|----------------------------------|-----------|------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Method:         | KDB789033 D02 General UNII Test Procedures New Rules v02r01 Section F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |       |           |                                                                      |           |                                  |           |                                  |           |                  |         |                                                                                                                                                          |
| Test Setup:          |  <p>Remark: Offset=Cable loss+ attenuation factor.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |       |           |                                                                      |           |                                  |           |                                  |           |                  |         |                                                                                                                                                          |
| Test Procedure:      | <ol style="list-style-type: none"> <li>Set the spectrum analyzer or EMI receiver span to view the entire emission bandwidth. 1. Set RBW = 510 kHz/1 MHz, VBW ≥ 3*RBW, Sweep time = Auto, Detector = RMS.</li> <li>Allow the sweeps to continue until the trace stabilizes.</li> <li>Use the peak marker function to determine the maximum amplitude level.</li> </ol>                                                                                                                                                                                                                                                        |                      |       |           |                                                                      |           |                                  |           |                                  |           |                  |         |                                                                                                                                                          |
| Limit:               | <table border="1"> <thead> <tr> <th>Frequency band (MHz)</th><th>Limit</th></tr> </thead> <tbody> <tr> <td>5150-5250</td><td>≤17dBm in 1MHz for master device<br/>≤11dBm in 1MHz for client device</td></tr> <tr> <td>5250-5350</td><td>≤11dBm in 1MHz for client device</td></tr> <tr> <td>5470-5725</td><td>≤11dBm in 1MHz for client device</td></tr> <tr> <td>5725-5850</td><td>≤30dBm in 500kHz</td></tr> <tr> <td>Remark:</td><td>The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.</td></tr> </tbody> </table> | Frequency band (MHz) | Limit | 5150-5250 | ≤17dBm in 1MHz for master device<br>≤11dBm in 1MHz for client device | 5250-5350 | ≤11dBm in 1MHz for client device | 5470-5725 | ≤11dBm in 1MHz for client device | 5725-5850 | ≤30dBm in 500kHz | Remark: | The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. |
| Frequency band (MHz) | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |       |           |                                                                      |           |                                  |           |                                  |           |                  |         |                                                                                                                                                          |
| 5150-5250            | ≤17dBm in 1MHz for master device<br>≤11dBm in 1MHz for client device                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |       |           |                                                                      |           |                                  |           |                                  |           |                  |         |                                                                                                                                                          |
| 5250-5350            | ≤11dBm in 1MHz for client device                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |       |           |                                                                      |           |                                  |           |                                  |           |                  |         |                                                                                                                                                          |
| 5470-5725            | ≤11dBm in 1MHz for client device                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |       |           |                                                                      |           |                                  |           |                                  |           |                  |         |                                                                                                                                                          |
| 5725-5850            | ≤30dBm in 500kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |       |           |                                                                      |           |                                  |           |                                  |           |                  |         |                                                                                                                                                          |
| Remark:              | The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |       |           |                                                                      |           |                                  |           |                                  |           |                  |         |                                                                                                                                                          |
| Test Mode:           | Transmitting mode with modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |       |           |                                                                      |           |                                  |           |                                  |           |                  |         |                                                                                                                                                          |
| Test Results:        | Refer to Appendix A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |       |           |                                                                      |           |                                  |           |                                  |           |                  |         |                                                                                                                                                          |

## 5.7 Frequency Stability

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Requirement: | 47 CFR Part 15C Section 15.407 (g)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Test Method:      | ANSI C63.10: 2013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Test Setup:       |  <p>Remark: Offset=Cable loss+ attenuation factor.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Test Procedure:   | <ol style="list-style-type: none"> <li>1.The EUT was placed inside the environmental test chamber and powered by nominal AC/DC voltage.</li> <li>2. Turn the EUT on and couple its output to a spectrum analyzer.</li> <li>3. Turn the EUT off and set the chamber to the highest temperature specified. d. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize.</li> <li>4. Repeat step 2 and 3 with the temperature chamber set to the lowest temperature.</li> <li>5. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.</li> </ol> |
| Limit:            | The frequency tolerance shall be maintained within the band of operation frequency over a temperature variation of 0 degrees to 45 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C.                                                                                                                                                                                                                                                                                                                                                                                                        |
| Test Mode:        | Transmitting mode with modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Test Results:     | Refer to Appendix A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## 5.8 Radiated Emission

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                                     |                   |            |                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------|-------------------|------------|-----------------------------|
| Test Requirement:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 47 CFR Part 15C Section 15.209 and 15.407 (b)    |                                     |                   |            |                             |
| Test Method:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ANSI C63.10 2013                                 |                                     |                   |            |                             |
| Test Site:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Measurement Distance: 3m (Semi-Anechoic Chamber) |                                     |                   |            |                             |
| Receiver Setup:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Frequency                                        | Detector                            | RBW               | VBW        | Remark                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.009MHz-0.090MHz                                | Peak                                | 10kHz             | 30kHz      | Peak                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.009MHz-0.090MHz                                | Average                             | 10kHz             | 30kHz      | Average                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.090MHz-0.110MHz                                | Quasi-peak                          | 10kHz             | 30kHz      | Quasi-peak                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.110MHz-0.490MHz                                | Peak                                | 10kHz             | 30kHz      | Peak                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.110MHz-0.490MHz                                | Average                             | 10kHz             | 30kHz      | Average                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.490MHz -30MHz                                  | Quasi-peak                          | 10kHz             | 30kHz      | Quasi-peak                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 30MHz-1GHz                                       | Quasi-peak                          | 100 kHz           | 300kHz     | Quasi-peak                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Above 1GHz                                       | Peak                                | 1MHz              | 3MHz       | Peak                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  | Peak                                | 1MHz              | 10kHz      | Average                     |
| Limit:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Frequency                                        | Field strength<br>(microvolt/meter) | Limit<br>(dBuV/m) | Remark     | Measurement<br>distance (m) |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.009MHz-0.490MHz                                | 2400/F(kHz)                         | -                 | -          | 300                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.490MHz-1.705MHz                                | 24000/F(kHz)                        | -                 | -          | 30                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.705MHz-30MHz                                   | 30                                  | -                 | -          | 30                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 30MHz-88MHz                                      | 100                                 | 40.0              | Quasi-peak | 3                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 88MHz-216MHz                                     | 150                                 | 43.5              | Quasi-peak | 3                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 216MHz-960MHz                                    | 200                                 | 46.0              | Quasi-peak | 3                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 960MHz-1GHz                                      | 500                                 | 54.0              | Quasi-peak | 3                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Above 1GHz                                       | 500                                 | 54.0              | Average    | 3                           |
| <p>*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.</p> <p>(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.</p> <p>(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.</p> <p>(4) For transmitters operating in the 5.725-5.85 GHz band:</p> <p>(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.</p> <p>Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing</p> |                                                  |                                     |                   |            |                             |

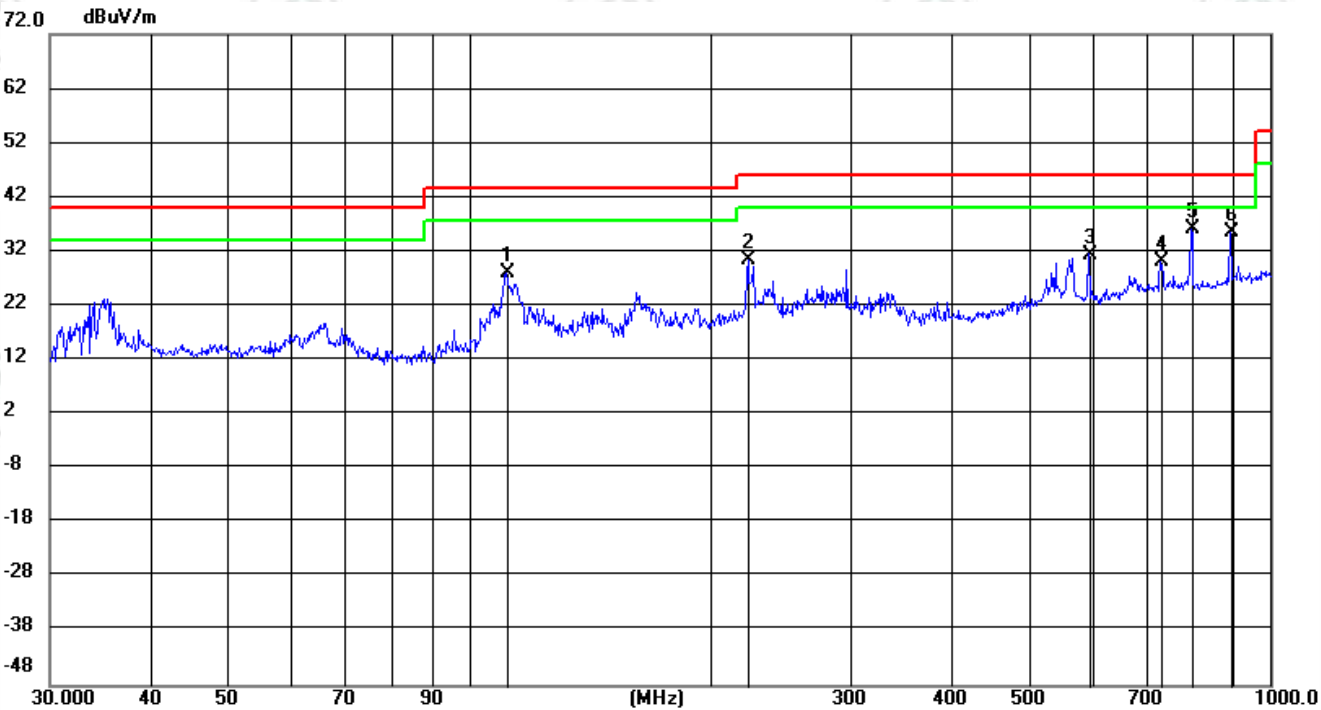
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 | <p>an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.</p> <p>Note:</p> <p>(i) <math>EIRP = ((E \cdot d)^2) / 30</math></p> <p>where:</p> <ul style="list-style-type: none"><li>• E is the field strength in V/m;</li><li>• d is the measurement distance in meters;</li><li>• EIRP is the equivalent isotropically radiated power in watts.</li></ul> <p>(ii) Working in dB units, the above equation is equivalent to:</p> $EIRP[dBm] = E[dB\mu V/m] + 20 \log(d[meters]) - 104.77$ <p>(iii) Or, if d is 3 meters:</p> $EIRP[dBm] = E[dB\mu V/m] - 95.2$ |
| Test Setup:     |  <p>Figure 1. Below 30MHz</p>  <p>Figure 2. 30MHz to 1GHz</p>  <p>Figure 3. Above 1 GHz</p>                                                                                                                                                                                                                                                                                                                                           |
| Test Procedure: | <p>a. 1) Below 1G: The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</p> <p>2) Above 1G: The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</p> <p>Note: For the radiated emission test above 1GHz:</p>                                                                                                                                                                              |

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               | <p>Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.</p> <ul style="list-style-type: none"> <li>b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <li>c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</li> <li>d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</li> <li>e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</li> <li>g. Test the EUT in the lowest channel, the middle channel and the highest channel</li> <li>h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.</li> <li>i. Repeat above procedures until all frequencies measured was complete.</li> </ul> |
| Test Mode:    | Transmitting mode with modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Test Results: | Pass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

Radiated Spurious Emissions test Data:  
Radiated Emission below 1GHz

Remark: During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes, only the worst case lowest channel of 6Mbps for 802.11 a was recorded in the report.

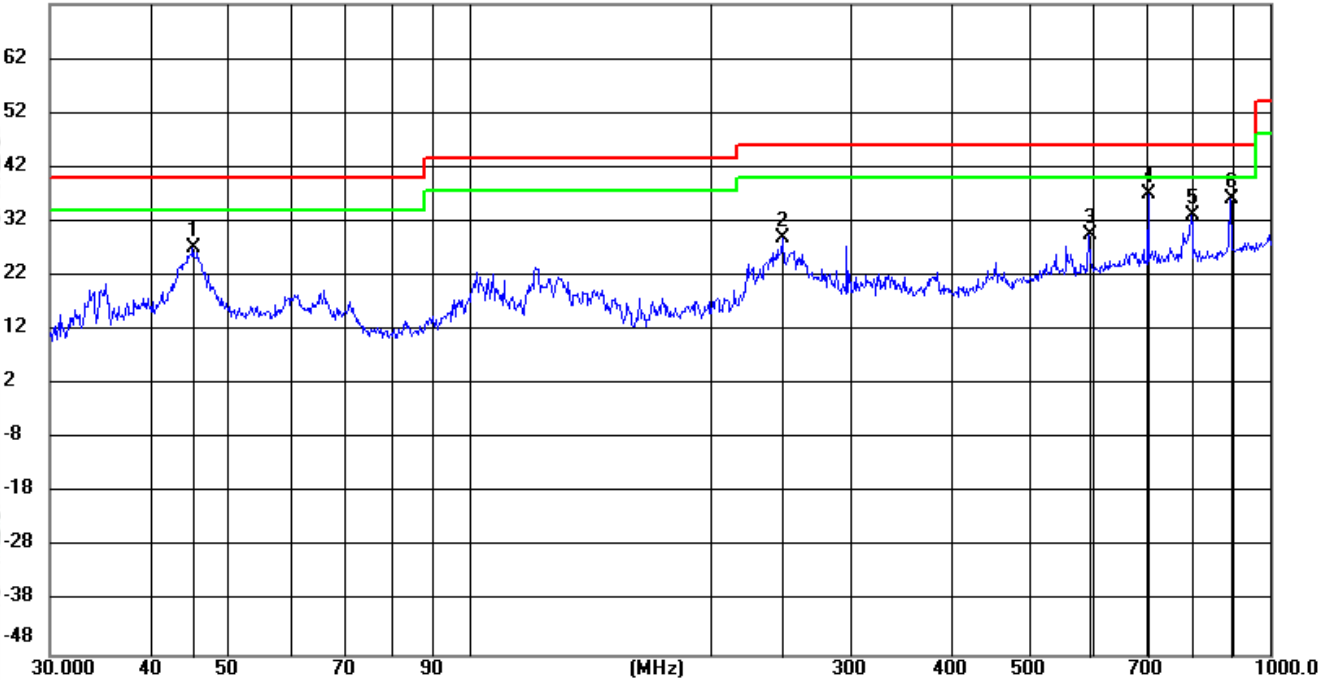
Horizontal



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin | Antenna Height | Table Degree |        |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|--------|
|     |     | MHz      | dBuV          | dB/m           | dBuV/m      | dBuV/m | dB     | Detector       | cm           | degree |
| 1   |     | 111.4444 | 15.09         | 12.95          | 28.04       | 43.50  | -15.46 | QP             | 199          | 303    |
| 2   |     | 223.2240 | 16.63         | 13.69          | 30.32       | 46.00  | -15.68 | QP             | 100          | 33     |
| 3   |     | 593.9862 | 8.80          | 22.70          | 31.50       | 46.00  | -14.50 | QP             | 100          | 102    |
| 4   |     | 730.7662 | 5.74          | 24.32          | 30.06       | 46.00  | -15.94 | QP             | 100          | 198    |
| 5   | *   | 798.2796 | 10.58         | 25.47          | 36.05       | 46.00  | -9.95  | QP             | 100          | 224    |
| 6   |     | 891.0401 | 8.89          | 26.60          | 35.49       | 46.00  | -10.51 | QP             | 199          | 145    |

Vertical

72.0 dBuV/m



| No. | Mk. | Freq.    | Reading | Correct | Measure- | Limit  | Margin | Antenna | Table  |         |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|--------|---------|
|     |     | MHz      | Level   | Factor  | ment     |        |        | Height  | Degree | Comment |
|     |     |          | dBuV    | dB/m    | dBuV/m   | dBuV/m | dB     | cm      | degree |         |
| 1   |     | 45.3595  | 12.46   | 14.82   | 27.28    | 40.00  | -12.72 | QP      | 100    | 94      |
| 2   |     | 246.1235 | 14.12   | 14.74   | 28.86    | 46.00  | -17.14 | QP      | 100    | 216     |
| 3   |     | 593.9862 | 6.87    | 22.70   | 29.57    | 46.00  | -16.43 | QP      | 100    | 6       |
| 4   | *   | 704.4731 | 13.43   | 23.75   | 37.18    | 46.00  | -8.82  | QP      | 100    | 348     |
| 5   |     | 797.3005 | 7.77    | 25.45   | 33.22    | 46.00  | -12.78 | QP      | 200    | 319     |
| 6   |     | 891.0402 | 9.58    | 26.60   | 36.18    | 46.00  | -9.82  | QP      | 100    | 207     |

## Transmitter Emission above 1GHz

Remark: Through Pre-scan, for 20MHz Occupied Bandwidth, 802.11 a mode was the worst case; for 40MHz Occupied Bandwidth, 802.11 n(HT40) mode was the worst case; for 80MHz Occupied Bandwidth, 802.11ac(VHT80) mode was the worst case (U-NII-1), only the worst case was recorded in the report.

|               |                          |                |            |
|---------------|--------------------------|----------------|------------|
| Test_Mode     | 802.11 a<br>Transmitting | Test_Frequency | 5180Mhz    |
| Tset_Engineer | chenjun                  | Test_Date      | 2025/09/02 |
| Remark        | 22.1°C50.8%\             |                |            |

### Suspected List

| NO | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Result | Polarity   | Remark |
|----|----------------|----------------|-------------------|-------------------|-------------------|----------------|--------|------------|--------|
| 1  | 1401.9561      | 12.87          | 35.40             | 48.27             | 74.00             | 25.73          | PASS   | Horizontal | PK     |
| 2  | 2009.1804      | 14.83          | 34.69             | 49.52             | 74.00             | 24.48          | PASS   | Horizontal | PK     |
| 3  | 3701.7081      | 20.20          | 33.41             | 53.61             | 74.00             | 20.39          | PASS   | Horizontal | PK     |
| 4  | 7994.4997      | -1.19          | 49.48             | 48.29             | 74.00             | 25.71          | PASS   | Horizontal | PK     |
| 5  | 10658.6079     | 2.57           | 44.96             | 47.53             | 74.00             | 26.47          | PASS   | Horizontal | PK     |
| 6  | 13863.8182     | 7.46           | 42.23             | 49.69             | 74.00             | 24.31          | PASS   | Horizontal | PK     |

|               |                          |                |            |
|---------------|--------------------------|----------------|------------|
| Test_Mode     | 802.11 a<br>Transmitting | Test_Frequency | 5180Mhz    |
| Tset_Engineer | chenjun                  | Test_Date      | 2025/09/02 |
| Remark        | 22.1°C50.8%\             |                |            |

### Suspected List

| NO | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Result | Polarity | Remark |
|----|----------------|----------------|-------------------|-------------------|-------------------|----------------|--------|----------|--------|
| 1  | 1437.5975      | 13.09          | 35.08             | 48.17             | 74.00             | 25.83          | PASS   | Vertical | PK     |
| 2  | 2335.0134      | 15.94          | 35.07             | 51.01             | 74.00             | 22.99          | PASS   | Vertical | PK     |
| 3  | 3593.6837      | 19.79          | 33.40             | 53.19             | 74.00             | 20.81          | PASS   | Vertical | PK     |
| 4  | 8000.25        | -1.15          | 54.65             | 53.50             | 74.00             | 20.50          | PASS   | Vertical | PK     |
| 5  | 11271.0136     | 2.42           | 45.63             | 48.05             | 74.00             | 25.95          | PASS   | Vertical | PK     |
| 6  | 15084.6042     | 10.20          | 41.42             | 51.62             | 74.00             | 22.38          | PASS   | Vertical | PK     |

|               |                       |                |            |
|---------------|-----------------------|----------------|------------|
| Test_Mode     | 802.11 a Transmitting | Test_Frequency | 5180Mhz    |
| Tset_Engineer | chenjun               | Test_Date      | 2025/09/02 |
| Remark        | 22.1°C50.8%\          |                |            |

| Suspected List |             |             |                |                |                |             |        |            |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
| 1              | 19788.5515  | -25.25      | 62.33          | 37.08          | 74.00          | 36.92       | PASS   | Horizontal | PK     |
| 2              | 22770.3908  | -25.04      | 59.81          | 34.77          | 74.00          | 39.23       | PASS   | Horizontal | PK     |
| 3              | 26461.5785  | -21.15      | 58.10          | 36.95          | 74.00          | 37.05       | PASS   | Horizontal | PK     |
| 4              | 29627.4251  | -20.65      | 57.71          | 37.06          | 74.00          | 36.94       | PASS   | Horizontal | PK     |
| 5              | 32431.6973  | -18.17      | 54.32          | 36.15          | 74.00          | 37.85       | PASS   | Horizontal | PK     |
| 6              | 37693.3877  | -15.05      | 49.18          | 34.13          | 74.00          | 39.87       | PASS   | Horizontal | PK     |

|               |                       |                |            |
|---------------|-----------------------|----------------|------------|
| Test_Mode     | 802.11 a Transmitting | Test_Frequency | 5180Mhz    |
| Tset_Engineer | chenjun               | Test_Date      | 2025/09/02 |
| Remark        | 22.1°C50.8%\          |                |            |

| Suspected List |             |             |                |                |                |             |        |          |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1              | 20008.4403  | -24.66      | 61.11          | 36.45          | 74.00          | 37.55       | PASS   | Vertical | PK     |
| 2              | 24034.5214  | -22.06      | 58.34          | 36.28          | 74.00          | 37.72       | PASS   | Vertical | PK     |
| 3              | 27040.2816  | -21.84      | 58.86          | 37.02          | 74.00          | 36.98       | PASS   | Vertical | PK     |
| 4              | 31360.7744  | -19.78      | 56.23          | 36.45          | 74.00          | 37.55       | PASS   | Vertical | PK     |
| 5              | 34394.1358  | -17.21      | 52.89          | 35.68          | 74.00          | 38.32       | PASS   | Vertical | PK     |
| 6              | 36495.4998  | -16.25      | 50.49          | 34.24          | 74.00          | 39.76       | PASS   | Vertical | PK     |

|               |                                |                |            |
|---------------|--------------------------------|----------------|------------|
| Test_Mode     | 802.11 n(HT40)<br>Transmitting | Test_Frequency | 5190Mhz    |
| Tset_Engineer | chenjun                        | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                   |                |            |

| Suspected List |                |                |                   |                   |                   |                |        |            |        |
|----------------|----------------|----------------|-------------------|-------------------|-------------------|----------------|--------|------------|--------|
| NO             | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Result | Polarity   | Remark |
| 1              | 1382.5953      | 12.78          | 35.74             | 48.52             | 74.00             | 25.48          | PASS   | Horizontal | PK     |
| 2              | 2187.1675      | 15.52          | 35.19             | 50.71             | 74.00             | 23.29          | PASS   | Horizontal | PK     |
| 3              | 3595.6638      | 19.80          | 33.56             | 53.36             | 74.00             | 20.64          | PASS   | Horizontal | PK     |
| 4              | 7099.755       | -2.89          | 47.82             | 44.93             | 74.00             | 29.07          | PASS   | Horizontal | PK     |
| 5              | 10673.5587     | 2.59           | 45.08             | 47.67             | 74.00             | 26.33          | PASS   | Horizontal | PK     |
| 6              | 15483.0992     | 9.97           | 41.97             | 51.94             | 74.00             | 22.06          | PASS   | Horizontal | PK     |

|               |                                |                |            |
|---------------|--------------------------------|----------------|------------|
| Test_Mode     | 802.11 n(HT40)<br>Transmitting | Test_Frequency | 5190Mhz    |
| Tset_Engineer | chenjun                        | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                   |                |            |

| Suspected List |                |                |                   |                   |                   |                |        |          |        |
|----------------|----------------|----------------|-------------------|-------------------|-------------------|----------------|--------|----------|--------|
| NO             | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Result | Polarity | Remark |
| 1              | 1337.9335      | 12.49          | 35.00             | 47.49             | 74.00             | 26.51          | PASS   | Vertical | PK     |
| 2              | 2010.0604      | 14.83          | 35.08             | 49.91             | 74.00             | 24.09          | PASS   | Vertical | PK     |
| 3              | 3297.3319      | 18.67          | 33.95             | 52.62             | 74.00             | 21.38          | PASS   | Vertical | PK     |
| 4              | 7371.1686      | -2.98          | 49.33             | 46.35             | 74.00             | 27.65          | PASS   | Vertical | PK     |
| 5              | 10103.7052     | 1.75           | 45.96             | 47.71             | 74.00             | 26.29          | PASS   | Vertical | PK     |
| 6              | 15488.8494     | 10.00          | 42.00             | 52.00             | 74.00             | 22.00          | PASS   | Vertical | PK     |

|               |                                |                |            |
|---------------|--------------------------------|----------------|------------|
| Test_Mode     | 802.11 n(HT40)<br>Transmitting | Test_Frequency | 5190Mhz    |
| Tset_Engineer | chenjun                        | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                   |                |            |

| Suspected List |                |                |                   |                   |                   |                |        |            |        |
|----------------|----------------|----------------|-------------------|-------------------|-------------------|----------------|--------|------------|--------|
| NO             | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Result | Polarity   | Remark |
| 1              | 20013.0405     | -24.68         | 61.85             | 37.17             | 74.00             | 36.83          | PASS   | Horizontal | PK     |
| 2              | 23359.2144     | -23.71         | 58.96             | 35.25             | 74.00             | 38.75          | PASS   | Horizontal | PK     |
| 3              | 26065.9626     | -21.05         | 59.09             | 38.04             | 74.00             | 35.96          | PASS   | Horizontal | PK     |
| 4              | 29995.4398     | -21.07         | 56.60             | 35.53             | 74.00             | 38.47          | PASS   | Horizontal | PK     |
| 5              | 33277.2111     | -18.20         | 54.20             | 36.00             | 74.00             | 38.00          | PASS   | Horizontal | PK     |
| 6              | 36868.1147     | -17.00         | 51.08             | 34.08             | 74.00             | 39.92          | PASS   | Horizontal | PK     |

|               |                                |                |            |
|---------------|--------------------------------|----------------|------------|
| Test_Mode     | 802.11 n(HT40)<br>Transmitting | Test_Frequency | 5190Mhz    |
| Tset_Engineer | chenjun                        | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                   |                |            |

| Suspected List |                |                |                   |                   |                   |                |        |          |        |
|----------------|----------------|----------------|-------------------|-------------------|-------------------|----------------|--------|----------|--------|
| NO             | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Result | Polarity | Remark |
| 1              | 20111.4845     | -25.12         | 61.21             | 36.09             | 74.00             | 37.91          | PASS   | Vertical | PK     |
| 2              | 22731.7493     | -25.03         | 59.72             | 34.69             | 74.00             | 39.31          | PASS   | Vertical | PK     |
| 3              | 25177.2071     | -21.16         | 57.35             | 36.19             | 74.00             | 37.81          | PASS   | Vertical | PK     |
| 4              | 28271.2909     | -21.37         | 58.69             | 37.32             | 74.00             | 36.68          | PASS   | Vertical | PK     |
| 5              | 30781.1512     | -19.72         | 55.15             | 35.43             | 74.00             | 38.57          | PASS   | Vertical | PK     |
| 6              | 35432.8573     | -16.11         | 51.02             | 34.91             | 74.00             | 39.09          | PASS   | Vertical | PK     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT80)<br>Transmitting | Test_Frequency | 5210Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

| Suspected List |                |                |                   |                   |                   |                |        |            |        |
|----------------|----------------|----------------|-------------------|-------------------|-------------------|----------------|--------|------------|--------|
| NO             | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Result | Polarity   | Remark |
| 1              | 1487.5395      | 13.45          | 35.47             | 48.92             | 74.00             | 25.08          | PASS   | Horizontal | PK     |
| 2              | 2301.5721      | 15.88          | 35.12             | 51.00             | 74.00             | 23.00          | PASS   | Horizontal | PK     |
| 3              | 3727.8891      | 20.57          | 32.48             | 53.05             | 74.00             | 20.95          | PASS   | Horizontal | PK     |
| 4              | 6907.1204      | -3.30          | 50.21             | 46.91             | 74.00             | 27.09          | PASS   | Horizontal | PK     |
| 5              | 11280.789      | 2.41           | 46.43             | 48.84             | 74.00             | 25.16          | PASS   | Horizontal | PK     |
| 6              | 14956.3728     | 9.27           | 42.30             | 51.57             | 74.00             | 22.43          | PASS   | Horizontal | PK     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT80)<br>Transmitting | Test_Frequency | 5210Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

| Suspected List |                |                |                   |                   |                   |                |        |          |        |
|----------------|----------------|----------------|-------------------|-------------------|-------------------|----------------|--------|----------|--------|
| NO             | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Result | Polarity | Remark |
| 1              | 1410.5364      | 13.09          | 34.81             | 47.90             | 74.00             | 26.10          | PASS   | Vertical | PK     |
| 2              | 2077.8231      | 15.15          | 34.64             | 49.79             | 74.00             | 24.21          | PASS   | Vertical | PK     |
| 3              | 3596.9839      | 19.80          | 33.44             | 53.24             | 74.00             | 20.76          | PASS   | Vertical | PK     |
| 4              | 6760.488       | -3.42          | 48.99             | 45.57             | 74.00             | 28.43          | PASS   | Vertical | PK     |
| 5              | 10150.8575     | 1.78           | 46.15             | 47.93             | 74.00             | 26.07          | PASS   | Vertical | PK     |
| 6              | 15489.4245     | 10.00          | 42.55             | 52.55             | 74.00             | 21.45          | PASS   | Vertical | PK     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT80)<br>Transmitting | Test_Frequency | 5210Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

| Suspected List |             |             |                |                |                |             |        |            |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
| 1              | 20012.1205  | -24.67      | 60.95          | 36.28          | 74.00          | 37.72       | PASS   | Horizontal | PK     |
| 2              | 23112.6445  | -24.88      | 59.65          | 34.77          | 74.00          | 39.23       | PASS   | Horizontal | PK     |
| 3              | 26597.7439  | -21.11      | 58.99          | 37.88          | 74.00          | 36.12       | PASS   | Horizontal | PK     |
| 4              | 30023.0409  | -21.10      | 57.43          | 36.33          | 74.00          | 37.67       | PASS   | Horizontal | PK     |
| 5              | 34003.1201  | -17.89      | 52.67          | 34.78          | 74.00          | 39.22       | PASS   | Horizontal | PK     |
| 6              | 37192.8877  | -16.28      | 50.06          | 33.78          | 74.00          | 40.22       | PASS   | Horizontal | PK     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT80)<br>Transmitting | Test_Frequency | 5210Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

| Suspected List |             |             |                |                |                |             |        |          |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1              | 19908.1563  | -24.90      | 61.61          | 36.71          | 74.00          | 37.29       | PASS   | Vertical | PK     |
| 2              | 22549.582   | -25.02      | 59.66          | 34.64          | 74.00          | 39.36       | PASS   | Vertical | PK     |
| 3              | 26232.4893  | -21.33      | 57.79          | 36.46          | 74.00          | 37.54       | PASS   | Vertical | PK     |
| 4              | 29926.4371  | -21.04      | 56.82          | 35.78          | 74.00          | 38.22       | PASS   | Vertical | PK     |
| 5              | 33605.6642  | -17.34      | 53.38          | 36.04          | 74.00          | 37.96       | PASS   | Vertical | PK     |
| 6              | 37533.3013  | -15.17      | 49.29          | 34.12          | 74.00          | 39.88       | PASS   | Vertical | PK     |

**Note:**

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

2) Scan from 9kHz to 40GHz, the disturbance above 18GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

## 5.9 Radiated Emission which fall in the restricted bands

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |                                     |                   |            |                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------|-------------------|------------|-----------------------------|
| Test Requirement:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 47 CFR Part 15C Section 15.209 and 15.407 (b)    |                                     |                   |            |                             |
| Test Method:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ANSI C63.10 2013                                 |                                     |                   |            |                             |
| Test Site:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Measurement Distance: 3m (Semi-Anechoic Chamber) |                                     |                   |            |                             |
| Receiver Setup:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Frequency                                        | Detector                            | RBW               | VBW        | Remark                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.009MHz-0.090MHz                                | Peak                                | 10kHz             | 30kHz      | Peak                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.009MHz-0.090MHz                                | Average                             | 10kHz             | 30kHz      | Average                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.090MHz-0.110MHz                                | Quasi-peak                          | 10kHz             | 30kHz      | Quasi-peak                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.110MHz-0.490MHz                                | Peak                                | 10kHz             | 30kHz      | Peak                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.110MHz-0.490MHz                                | Average                             | 10kHz             | 30kHz      | Average                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.490MHz -30MHz                                  | Quasi-peak                          | 10kHz             | 30kHz      | Quasi-peak                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 30MHz-1GHz                                       | Quasi-peak                          | 100 kHz           | 300kHz     | Quasi-peak                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Above 1GHz                                       | Peak                                | 1MHz              | 3MHz       | Peak                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  | Peak                                | 1MHz              | 10kHz      | Average                     |
| Limit:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Frequency                                        | Field strength<br>(microvolt/meter) | Limit<br>(dBuV/m) | Remark     | Measurement<br>distance (m) |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.009MHz-0.490MHz                                | 2400/F(kHz)                         | -                 | -          | 300                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.490MHz-1.705MHz                                | 24000/F(kHz)                        | -                 | -          | 30                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1.705MHz-30MHz                                   | 30                                  | -                 | -          | 30                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 30MHz-88MHz                                      | 100                                 | 40.0              | Quasi-peak | 3                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 88MHz-216MHz                                     | 150                                 | 43.5              | Quasi-peak | 3                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 216MHz-960MHz                                    | 200                                 | 46.0              | Quasi-peak | 3                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 960MHz-1GHz                                      | 500                                 | 54.0              | Quasi-peak | 3                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Above 1GHz                                       | 500                                 | 54.0              | Average    | 3                           |
| <p>*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.</p> <p>(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.</p> <p>(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.</p> <p>(4) For transmitters operating in the 5.725-5.85 GHz band:</p> <p>(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.</p> <p>Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated</p> |                                                  |                                     |                   |            |                             |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.</p> <p>Note:</p> <p>(i) <math>EIRP = ((E*d)^2) / 30</math><br/>where:</p> <ul style="list-style-type: none"><li>• E is the field strength in V/m;</li><li>• d is the measurement distance in meters;</li><li>• EIRP is the equivalent isotropically radiated power in watts.</li></ul> <p>(ii) Working in dB units, the above equation is equivalent to:<br/><math>EIRP[dBm] = E[dB\mu V/m] + 20 \log(d[meters]) - 104.77</math></p> <p>(iii) Or, if d is 3 meters:<br/><math>EIRP[dBm] = E[dB\mu V/m] - 95.2</math></p> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|             |  |
|-------------|--|
| Test Setup: |  |
|-------------|--|

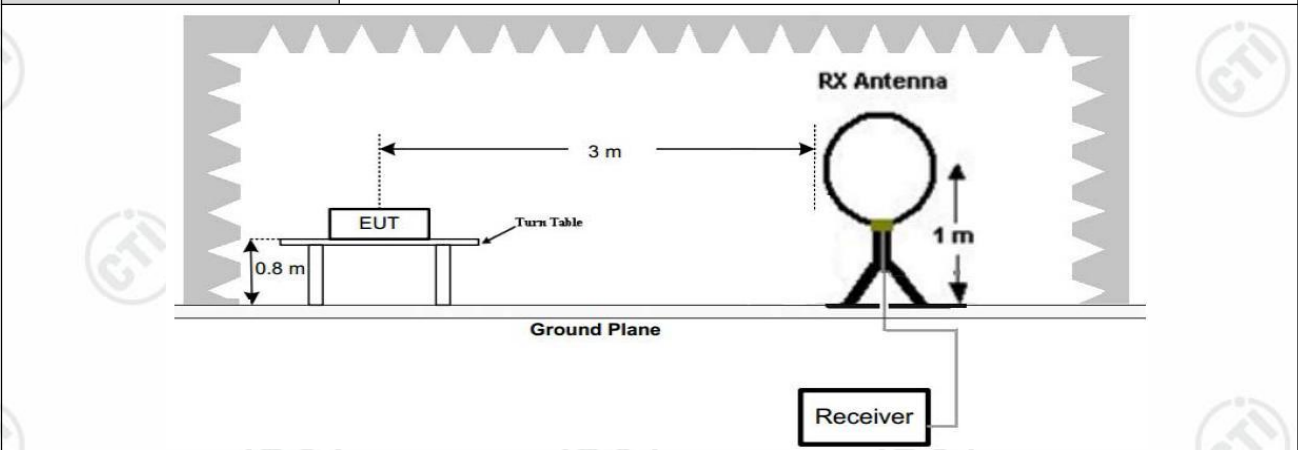


Figure 1. Below 30MHz

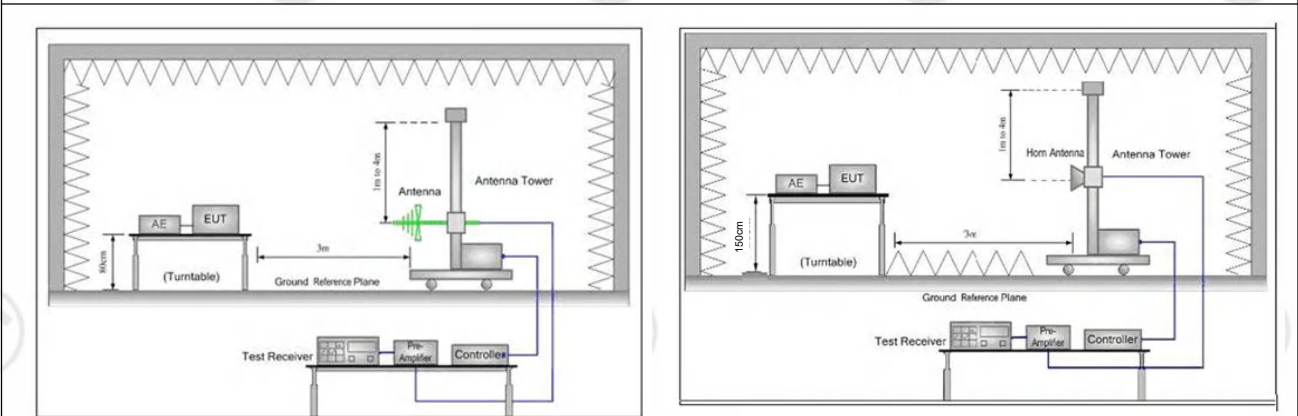


Figure 2. 30MHz to 1GHz

Figure 3. Above 1 GHz

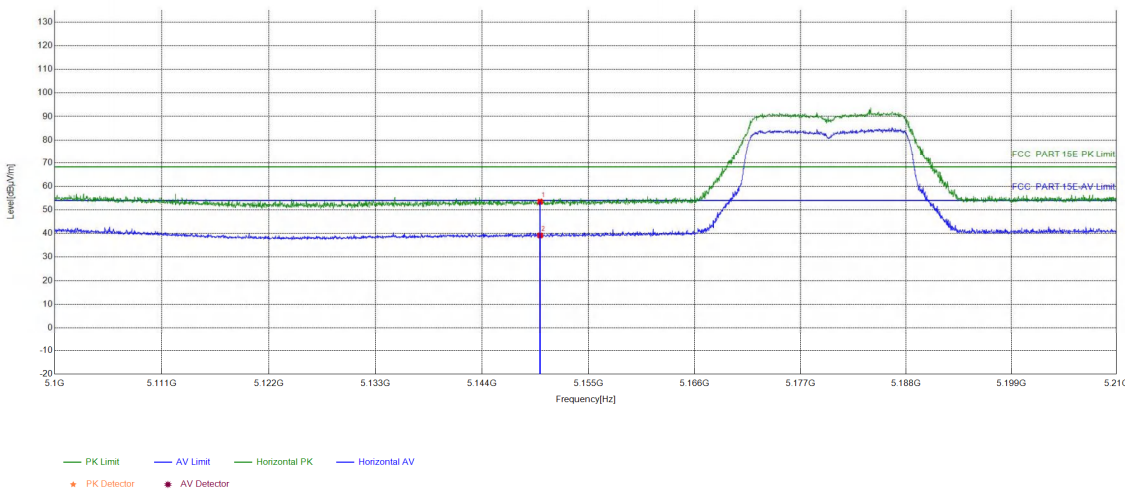
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Procedure: | <p>j.</p> <p>1) Below 1G: The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</p> <p>2) Above 1G: The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</p> |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               | <p>Note: For the radiated emission test above 1GHz:</p> <p>Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.</p> <p>k. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</p> <p>l. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</p> <p>m. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</p> <p>n. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</p> <p>o. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</p> <p>p. Test the EUT in the lowest channel, the Highest channel</p> <p>q. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.</p> <p>r. Repeat above procedures until all frequencies measured was complete.</p> |
| Test Mode:    | Transmitting mode with modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Test Results: | Pass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

Test Data:

|               |                          |                |            |
|---------------|--------------------------|----------------|------------|
| Test_Mode     | 802.11 a<br>Transmitting | Test_Frequency | 5180Mhz    |
| Tset_Engineer | chenjun                  | Test_Date      | 2025/09/02 |
| Remark        | 22.1°C50.8%\             |                |            |

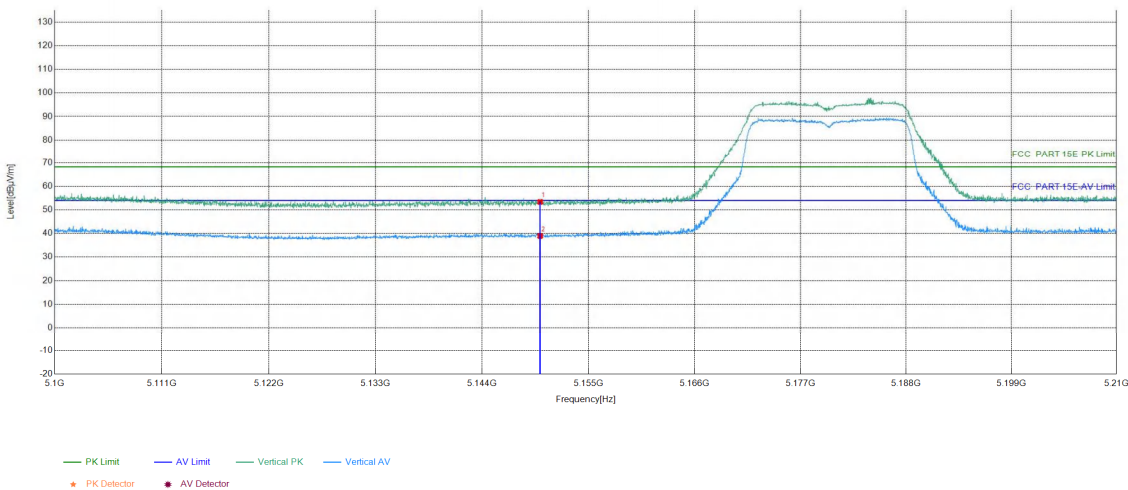
Test Graph



| Suspected List |             |             |                |                |                |             |        |            |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
| 1              | 5150        | 23.98       | 29.45          | 53.43          | 68.20          | 14.77       | PASS   | Horizontal | PK     |
| 2              | 5150        | 23.98       | 15.17          | 39.15          | 54.00          | 14.85       | PASS   | Horizontal | AV     |

|               |                          |                |            |
|---------------|--------------------------|----------------|------------|
| Test_Mode     | 802.11 a<br>Transmitting | Test_Frequency | 5180Mhz    |
| Tset_Engineer | chenjun                  | Test_Date      | 2025/09/02 |
| Remark        | 22.1°C50.8%\             |                |            |

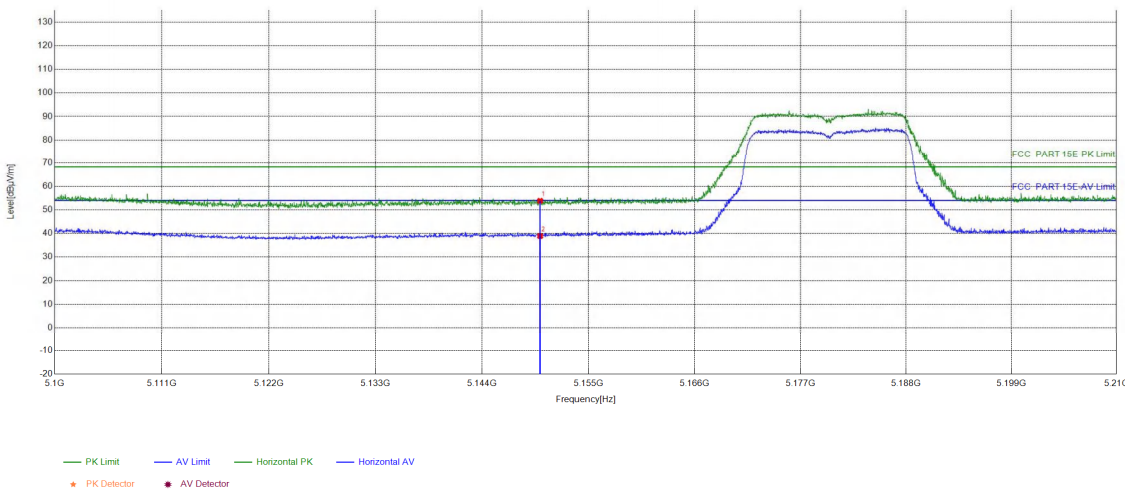
Test Graph



| Suspected List |             |             |                |                |                |             |        |          |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1              | 5150        | 23.98       | 29.38          | 53.36          | 68.20          | 14.84       | PASS   | Vertical | PK     |
| 2              | 5150        | 23.98       | 14.93          | 38.91          | 54.00          | 15.09       | PASS   | Vertical | AV     |

|               |                                |                |            |
|---------------|--------------------------------|----------------|------------|
| Test_Mode     | 802.11 n(HT20)<br>Transmitting | Test_Frequency | 5180Mhz    |
| Tset_Engineer | chenjun                        | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                   |                |            |

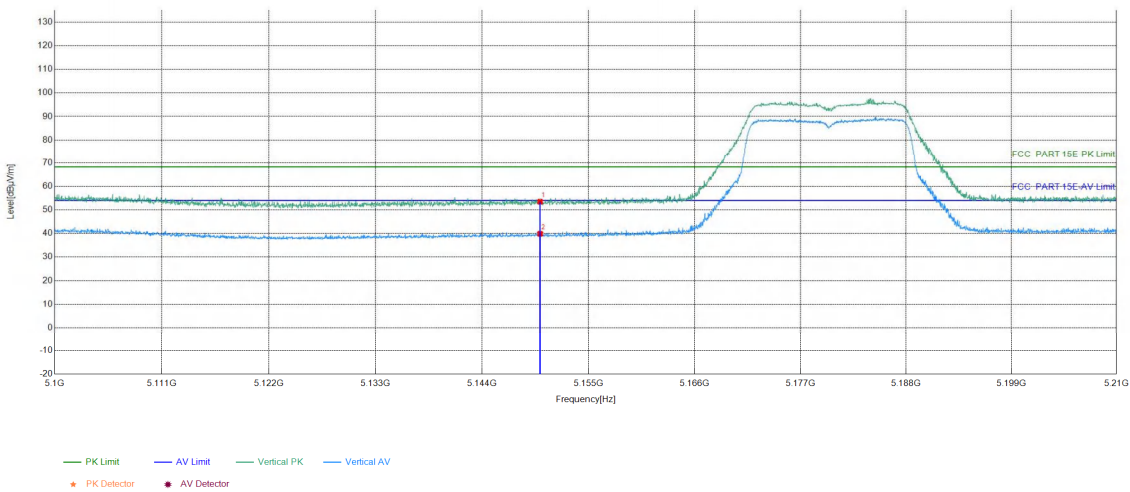
Test Graph



| Suspected List |             |             |                |                |                |             |        |            |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
| 1              | 5150        | 23.98       | 29.86          | 53.84          | 68.20          | 14.36       | PASS   | Horizontal | PK     |
| 2              | 5150        | 23.98       | 14.92          | 38.90          | 54.00          | 15.10       | PASS   | Horizontal | AV     |

|               |                                |                |            |
|---------------|--------------------------------|----------------|------------|
| Test_Mode     | 802.11 n(HT20)<br>Transmitting | Test_Frequency | 5180Mhz    |
| Tset_Engineer | chenjun                        | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                   |                |            |

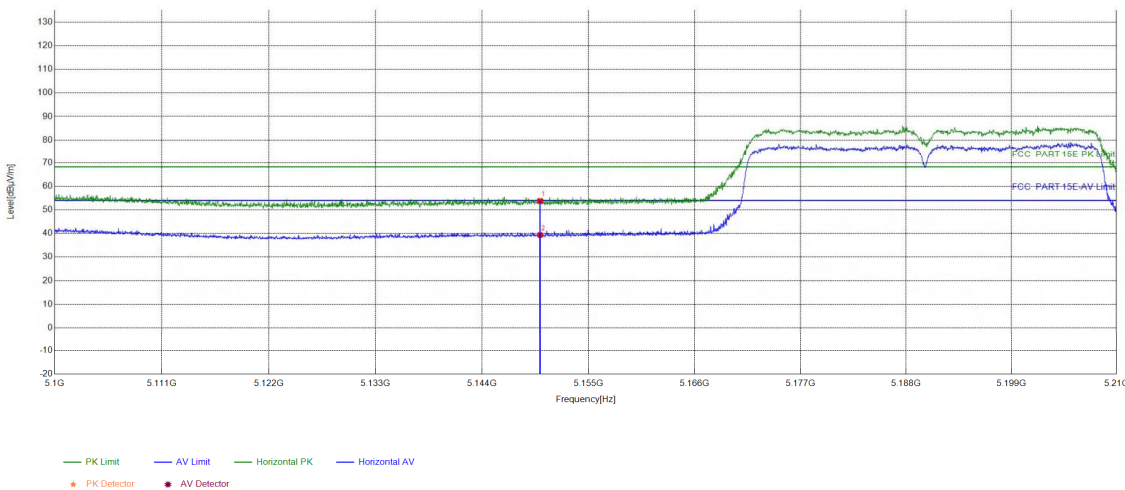
Test Graph



| Suspected List |             |             |                |                |                |             |        |          |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1              | 5150        | 23.98       | 29.49          | 53.47          | 68.20          | 14.73       | PASS   | Vertical | PK     |
| 2              | 5150        | 23.98       | 15.88          | 39.86          | 54.00          | 14.14       | PASS   | Vertical | AV     |

|               |                                |                |            |
|---------------|--------------------------------|----------------|------------|
| Test_Mode     | 802.11 n(HT40)<br>Transmitting | Test_Frequency | 5190Mhz    |
| Tset_Engineer | chenjun                        | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                   |                |            |

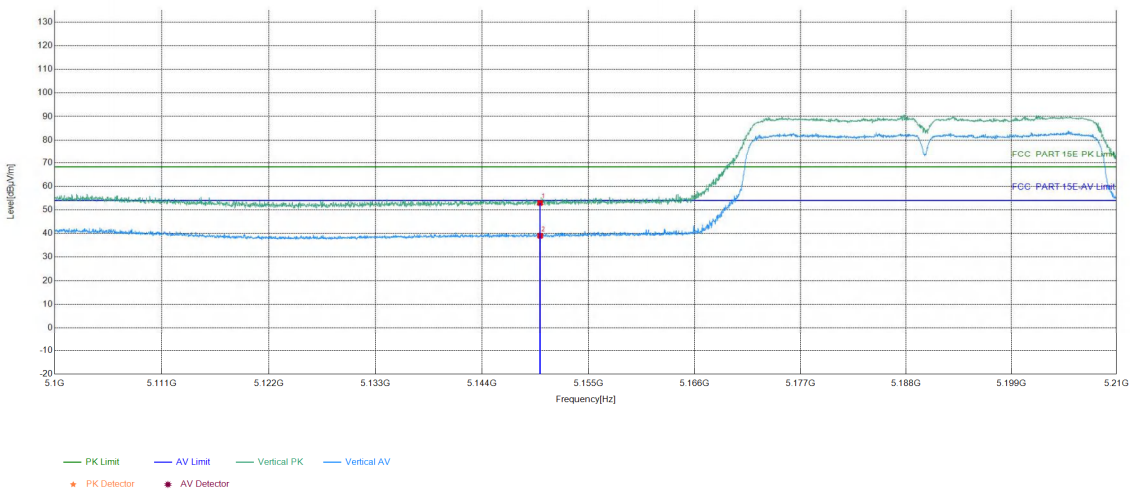
Test Graph



| Suspected List |             |             |                |                |                |             |        |            |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
| 1              | 5150        | 23.98       | 29.83          | 53.81          | 68.20          | 14.39       | PASS   | Horizontal | PK     |
| 2              | 5150        | 23.98       | 15.38          | 39.36          | 54.00          | 14.64       | PASS   | Horizontal | AV     |

|               |                                |                |            |
|---------------|--------------------------------|----------------|------------|
| Test_Mode     | 802.11 n(HT40)<br>Transmitting | Test_Frequency | 5190Mhz    |
| Tset_Engineer | chenjun                        | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                   |                |            |

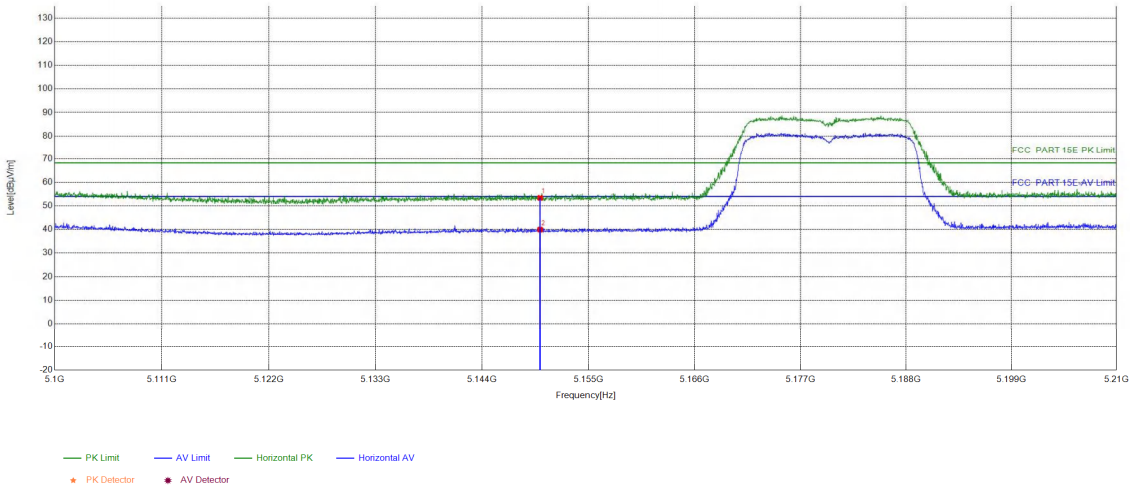
Test Graph



| Suspected List |             |             |                |                |                |             |        |          |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1              | 5150        | 23.98       | 28.93          | 52.91          | 68.20          | 15.29       | PASS   | Vertical | PK     |
| 2              | 5150        | 23.98       | 15.01          | 38.99          | 54.00          | 15.01       | PASS   | Vertical | AV     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT20)<br>Transmitting | Test_Frequency | 5180Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

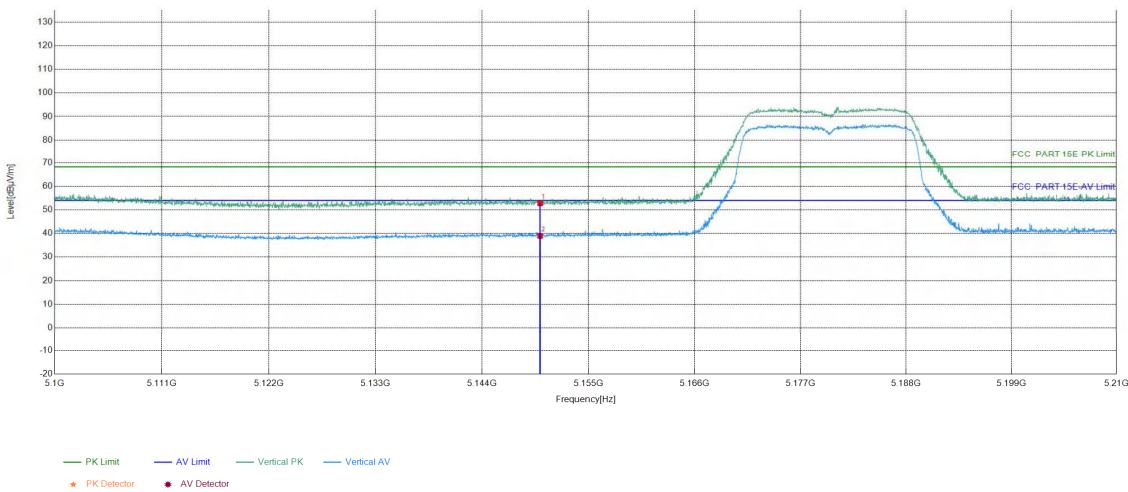
Test Graph



| Suspected List |             |             |                |                |                |             |        |            |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
| 1              | 5150        | 23.98       | 29.41          | 53.39          | 68.20          | 14.81       | PASS   | Horizontal | PK     |
| 2              | 5150        | 23.98       | 15.97          | 39.95          | 54.00          | 14.05       | PASS   | Horizontal | AV     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT20)<br>Transmitting | Test_Frequency | 5180Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

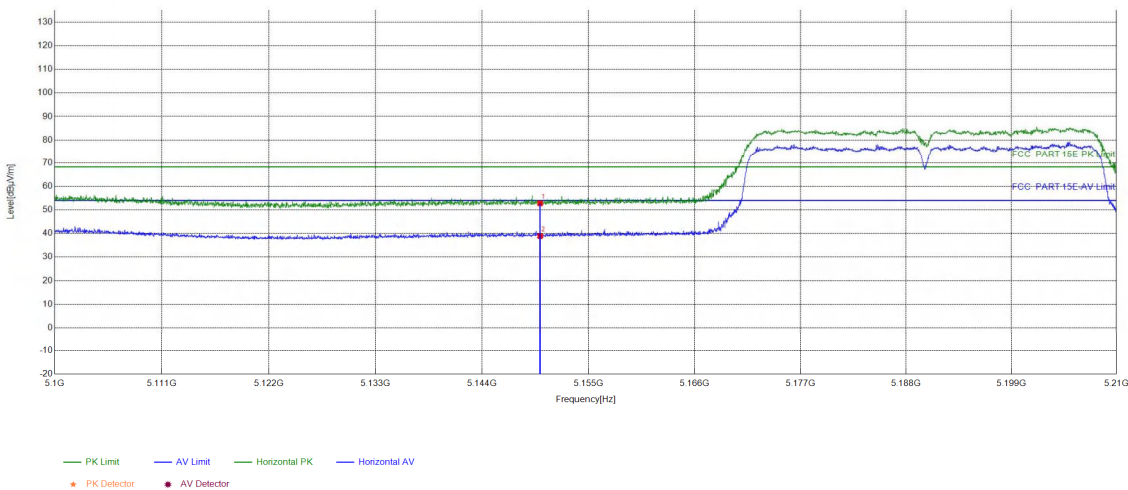
Test Graph



| Suspected List |             |             |                |                |                |             |        |          |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1              | 5150        | 23.98       | 28.76          | 52.74          | 68.20          | 15.46       | PASS   | Vertical | PK     |
| 2              | 5150        | 23.98       | 14.94          | 38.92          | 54.00          | 15.08       | PASS   | Vertical | AV     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT40)<br>Transmitting | Test_Frequency | 5190Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

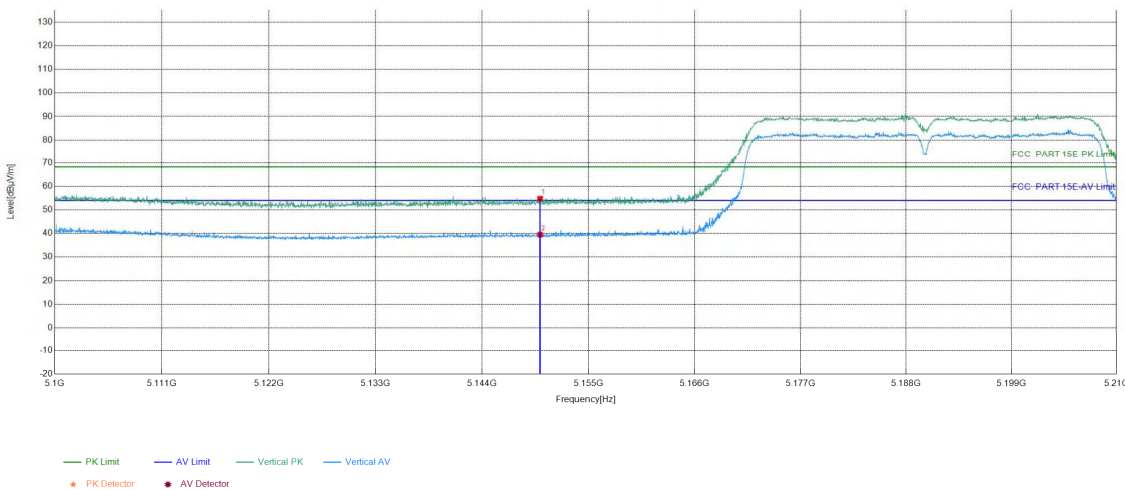
Test Graph



| Suspected List |             |             |                |                |                |             |        |            |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
| 1              | 5150        | 23.98       | 28.78          | 52.76          | 68.20          | 15.44       | PASS   | Horizontal | PK     |
| 2              | 5150        | 23.98       | 14.89          | 38.87          | 54.00          | 15.13       | PASS   | Horizontal | AV     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT40)<br>Transmitting | Test_Frequency | 5190Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

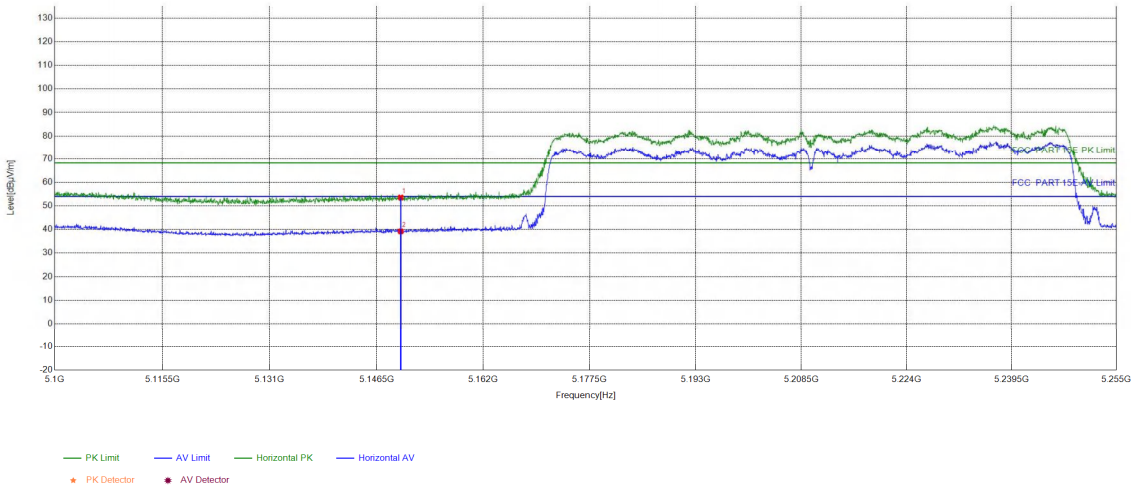
Test Graph



| Suspected List |             |             |                |                |                |             |        |          |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1              | 5150        | 23.98       | 30.80          | 54.78          | 68.20          | 13.42       | PASS   | Vertical | PK     |
| 2              | 5150        | 23.98       | 15.52          | 39.50          | 54.00          | 14.50       | PASS   | Vertical | AV     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT80)<br>Transmitting | Test_Frequency | 5210Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

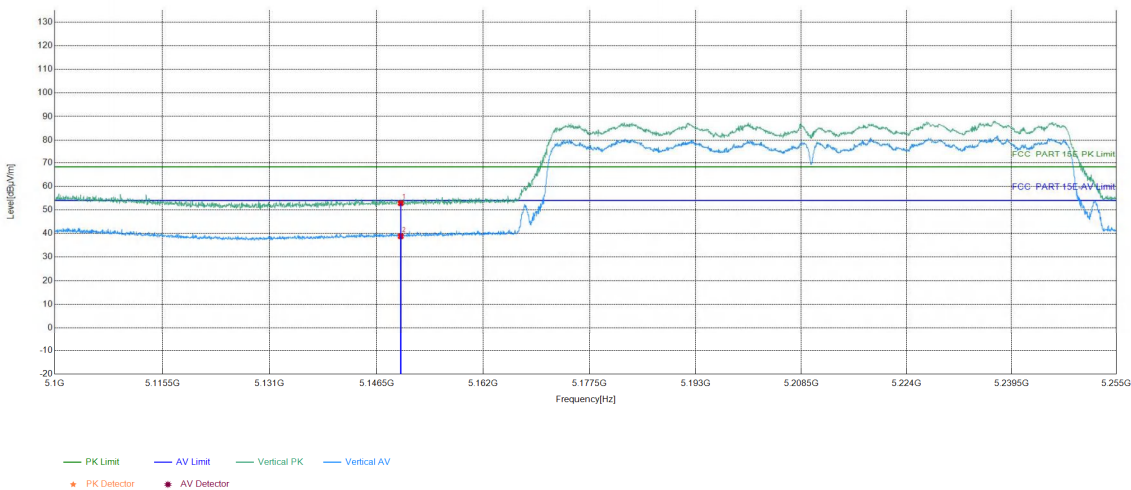
Test Graph



| Suspected List |             |             |                |                |                |             |        |            |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
| 1              | 5150        | 24.08       | 29.47          | 53.55          | 68.20          | 14.65       | PASS   | Horizontal | PK     |
| 2              | 5150        | 24.08       | 15.12          | 39.20          | 54.00          | 14.80       | PASS   | Horizontal | AV     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT80)<br>Transmitting | Test_Frequency | 5210Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

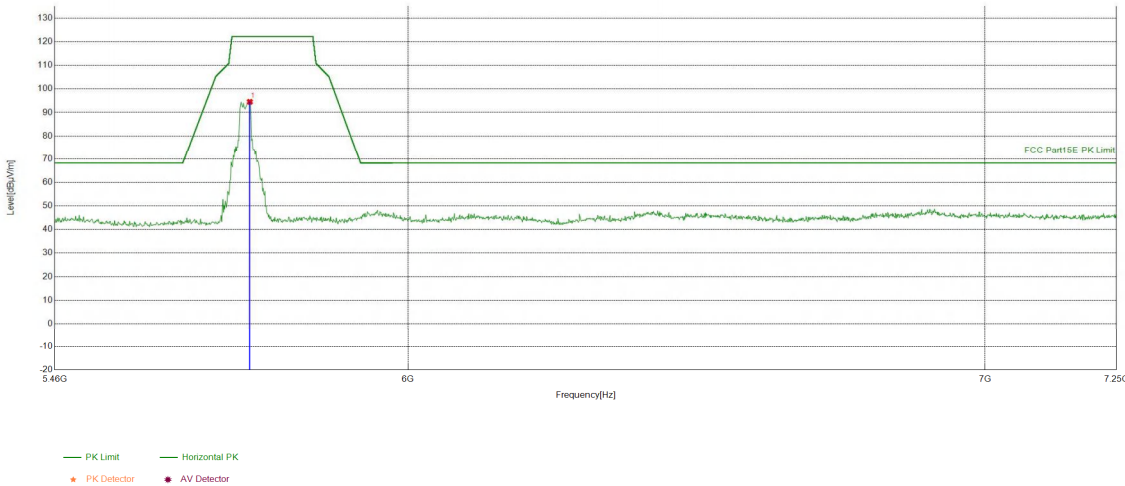
Test Graph



| Suspected List |             |             |                |                |                |             |        |          |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1              | 5150        | 24.08       | 28.71          | 52.79          | 68.20          | 15.41       | PASS   | Vertical | PK     |
| 2              | 5150        | 24.08       | 14.71          | 38.79          | 54.00          | 15.21       | PASS   | Vertical | AV     |

|               |                          |                |            |
|---------------|--------------------------|----------------|------------|
| Test_Mode     | 802.11 a<br>Transmitting | Test_Frequency | 5745Mhz    |
| Tset_Engineer | chenjun                  | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\             |                |            |

Test Graph

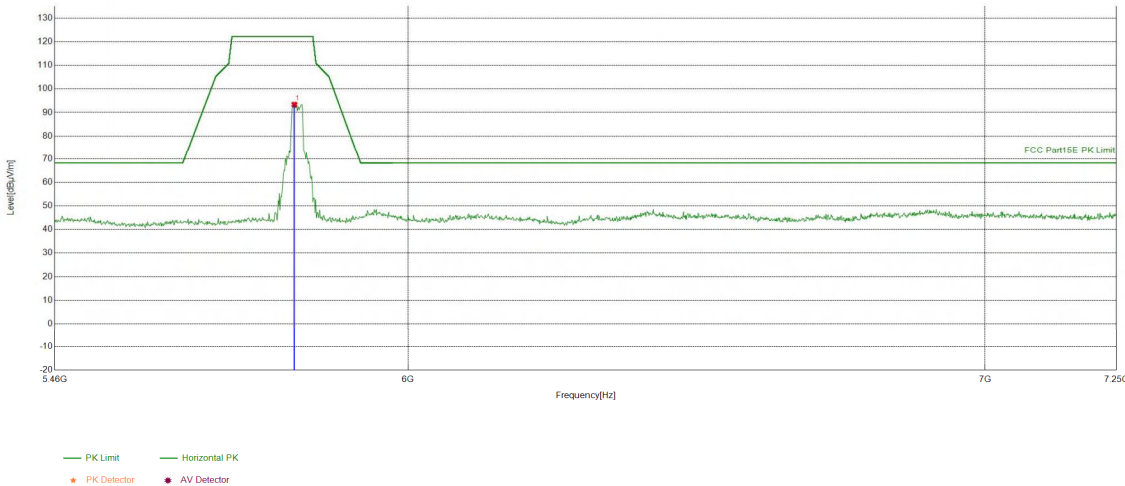


| Suspected List |             |             |                |                |                |             |        |            |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
| 1              | 5751.916    | -5.25       | 99.78          | 94.53          | 122.20         | 27.67       | PASS   | Horizontal | PK     |



|               |                          |                |            |
|---------------|--------------------------|----------------|------------|
| Test_Mode     | 802.11 a<br>Transmitting | Test_Frequency | 5825Mhz    |
| Tset_Engineer | chenjun                  | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\             |                |            |

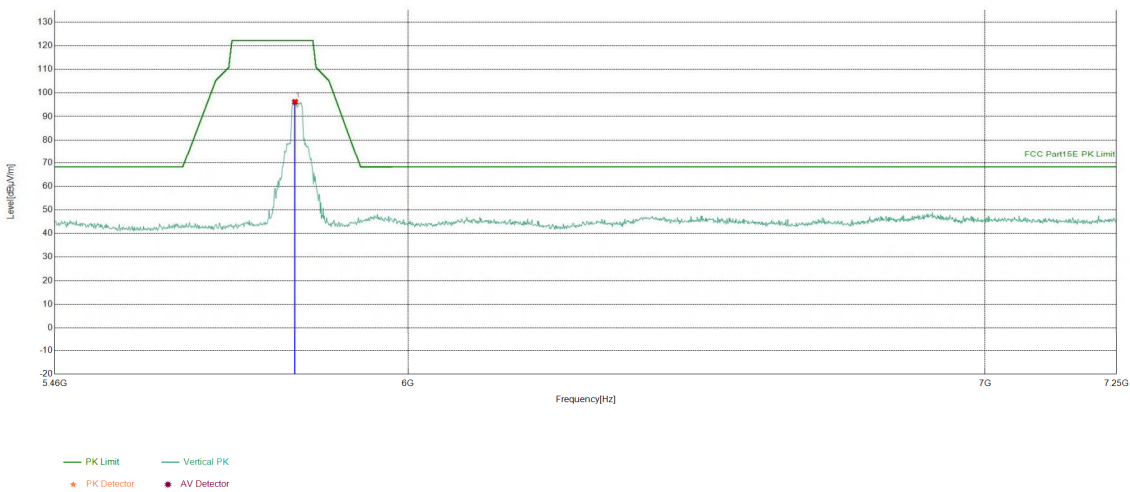
Test Graph



| Suspected List |             |             |                |                |                |             |        |            |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
| 1              | 5820.8654   | -5.30       | 98.66          | 93.36          | 122.20         | 28.84       | PASS   | Horizontal | PK     |

|               |                          |                |            |
|---------------|--------------------------|----------------|------------|
| Test_Mode     | 802.11 a<br>Transmitting | Test_Frequency | 5825Mhz    |
| Tset_Engineer | chenjun                  | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\             |                |            |

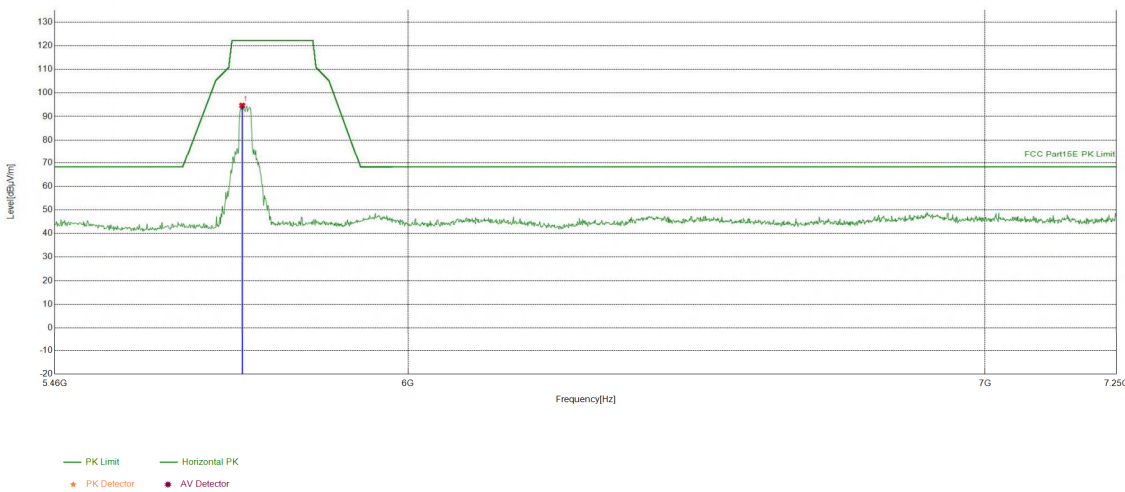
Test Graph



| Suspected List |             |             |                |                |                |             |        |          |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1              | 5821.7609   | -5.29       | 101.47         | 96.18          | 122.20         | 26.02       | PASS   | Vertical | PK     |

|               |                                |                |            |
|---------------|--------------------------------|----------------|------------|
| Test_Mode     | 802.11 n(HT20)<br>Transmitting | Test_Frequency | 5745Mhz    |
| Tset_Engineer | chenjun                        | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                   |                |            |

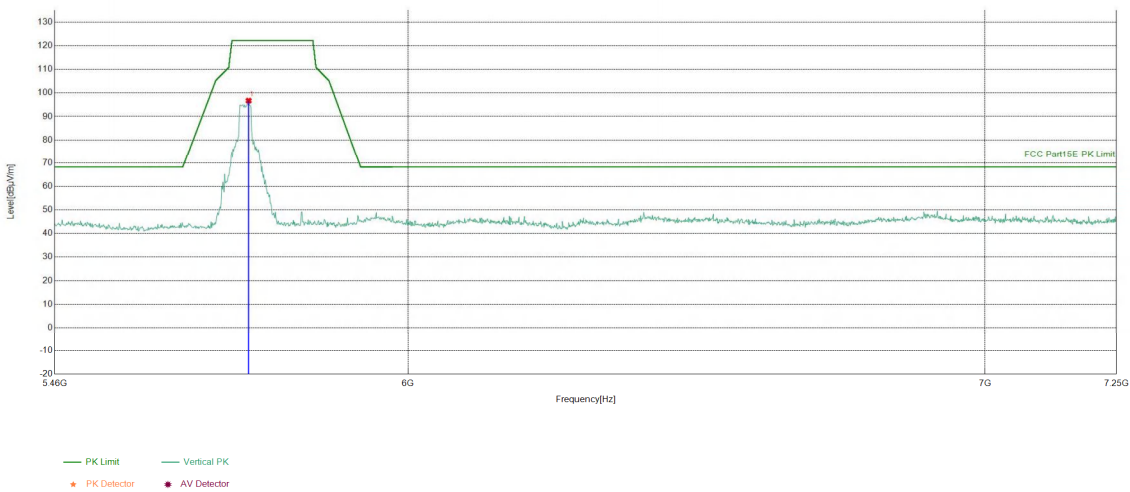
Test Graph



| Suspected List |             |             |                |                |                |             |        |            |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
| 1              | 5740.2751   | -5.62       | 100.24         | 94.62          | 122.20         | 27.58       | PASS   | Horizontal | PK     |

|               |                                |                |            |
|---------------|--------------------------------|----------------|------------|
| Test_Mode     | 802.11 n(HT20)<br>Transmitting | Test_Frequency | 5745Mhz    |
| Tset_Engineer | chenjun                        | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                   |                |            |

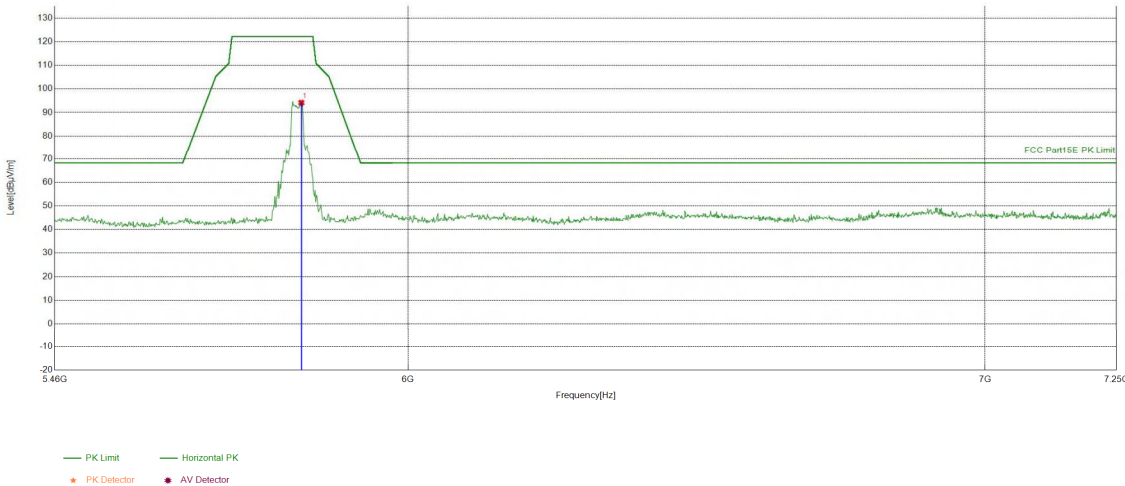
Test Graph



| Suspected List |             |             |                |                |                |             |        |          |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1              | 5750.1251   | -5.24       | 101.95         | 96.71          | 122.20         | 25.49       | PASS   | Vertical | PK     |

|               |                                |                |            |
|---------------|--------------------------------|----------------|------------|
| Test_Mode     | 802.11 n(HT20)<br>Transmitting | Test_Frequency | 5825Mhz    |
| Tset_Engineer | chenjun                        | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                   |                |            |

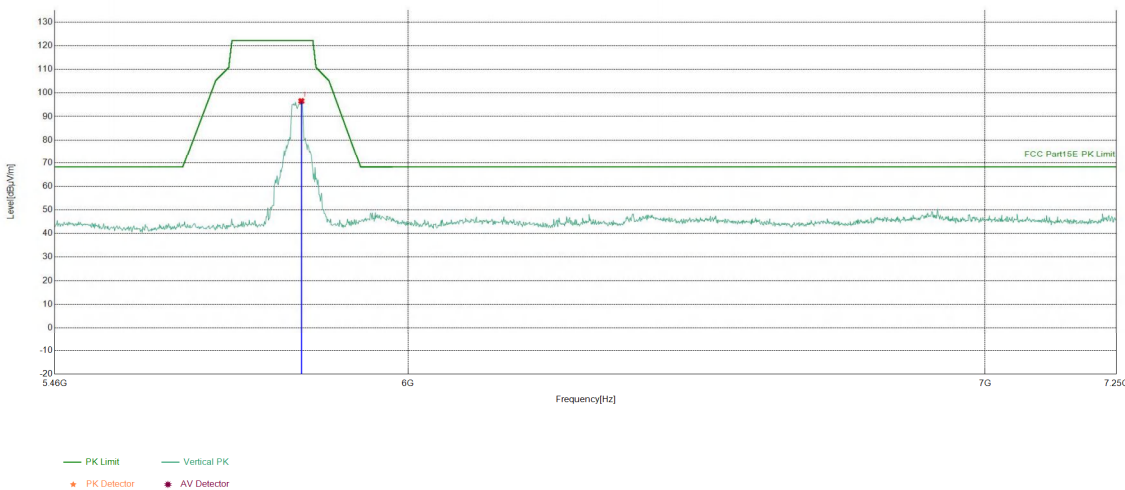
Test Graph



| Suspected List |             |             |                |                |                |             |        |            |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
| 1              | 5831.6108   | -5.21       | 99.38          | 94.17          | 122.20         | 28.03       | PASS   | Horizontal | PK     |

|               |                                |                |            |
|---------------|--------------------------------|----------------|------------|
| Test_Mode     | 802.11 n(HT20)<br>Transmitting | Test_Frequency | 5825Mhz    |
| Tset_Engineer | chenjun                        | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                   |                |            |

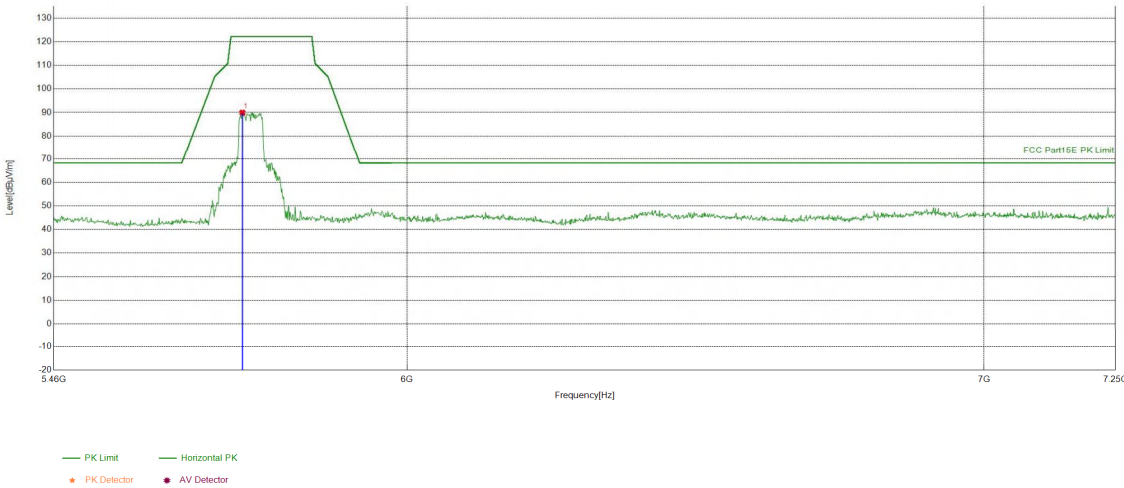
Test Graph



| Suspected List |             |             |                |                |                |             |        |          |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1              | 5831.6108   | -5.21       | 101.76         | 96.55          | 122.20         | 25.65       | PASS   | Vertical | PK     |

|               |                                |                |            |
|---------------|--------------------------------|----------------|------------|
| Test_Mode     | 802.11 n(HT40)<br>Transmitting | Test_Frequency | 5755Mhz    |
| Tset_Engineer | chenjun                        | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                   |                |            |

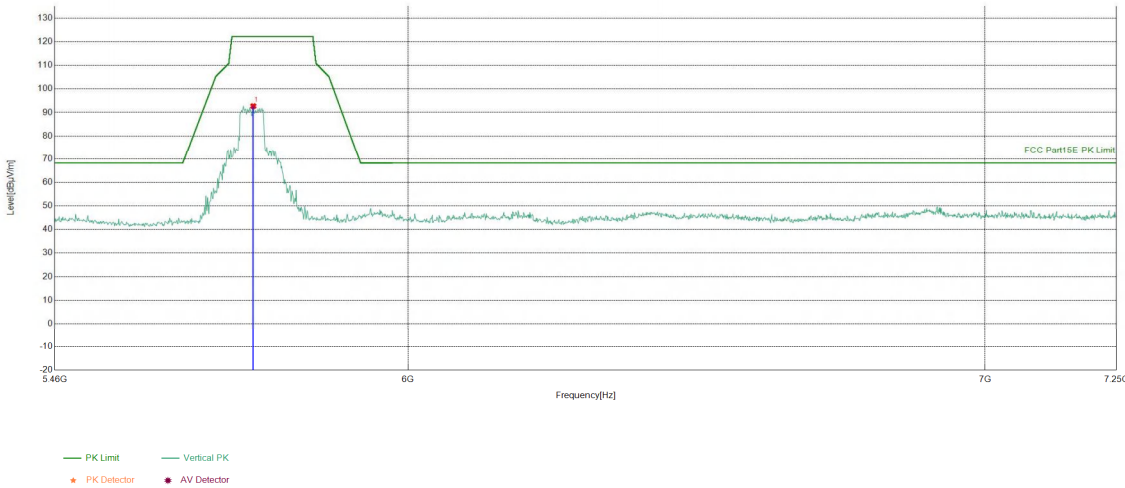
Test Graph



| Suspected List |             |             |                |                |                |             |        |            |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
| 1              | 5742.066    | -5.55       | 95.53          | 89.98          | 122.20         | 32.22       | PASS   | Horizontal | PK     |

|               |                                |                |            |
|---------------|--------------------------------|----------------|------------|
| Test_Mode     | 802.11 n(HT40)<br>Transmitting | Test_Frequency | 5755Mhz    |
| Tset_Engineer | chenjun                        | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                   |                |            |

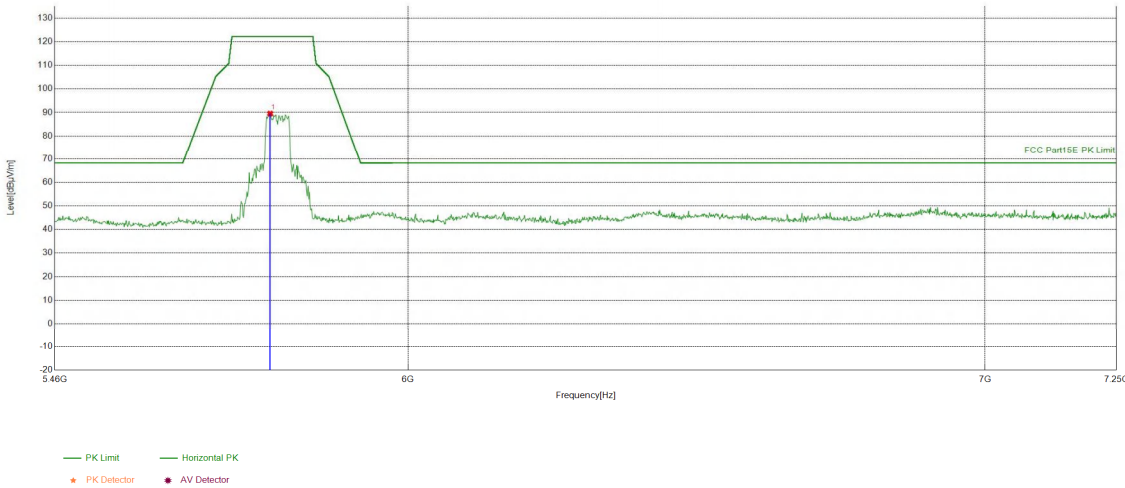
Test Graph



| Suspected List |             |             |                |                |                |             |        |          |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1              | 5757.2886   | -5.27       | 97.96          | 92.69          | 122.20         | 29.51       | PASS   | Vertical | PK     |

|               |                                |                |            |
|---------------|--------------------------------|----------------|------------|
| Test_Mode     | 802.11 n(HT40)<br>Transmitting | Test_Frequency | 5795Mhz    |
| Tset_Engineer | chenjun                        | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                   |                |            |

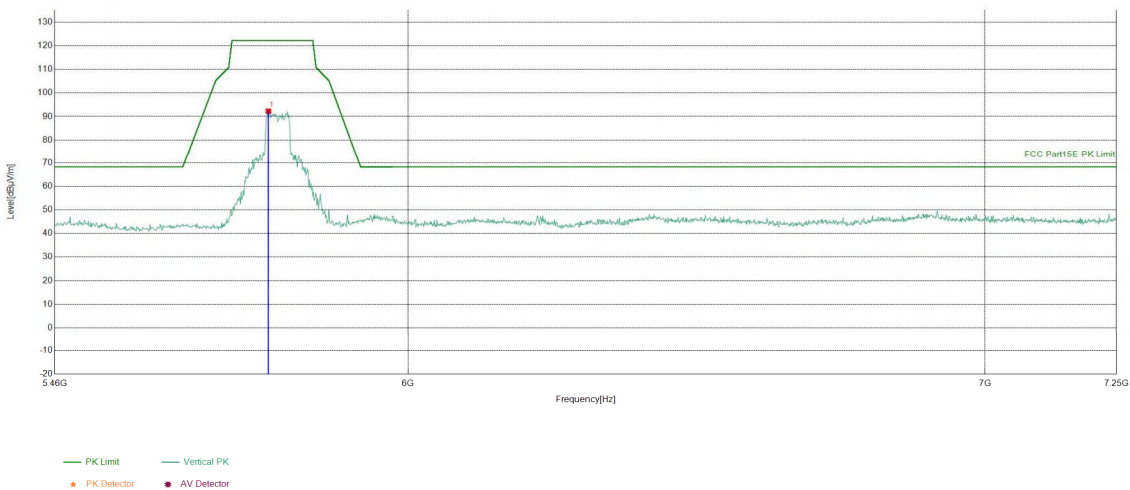
Test Graph



| Suspected List |             |             |                |                |                |             |        |            |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
| 1              | 5783.2566   | -5.39       | 94.91          | 89.52          | 122.20         | 32.68       | PASS   | Horizontal | PK     |

|               |                                |                |            |
|---------------|--------------------------------|----------------|------------|
| Test_Mode     | 802.11 n(HT40)<br>Transmitting | Test_Frequency | 5795Mhz    |
| Tset_Engineer | chenjun                        | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                   |                |            |

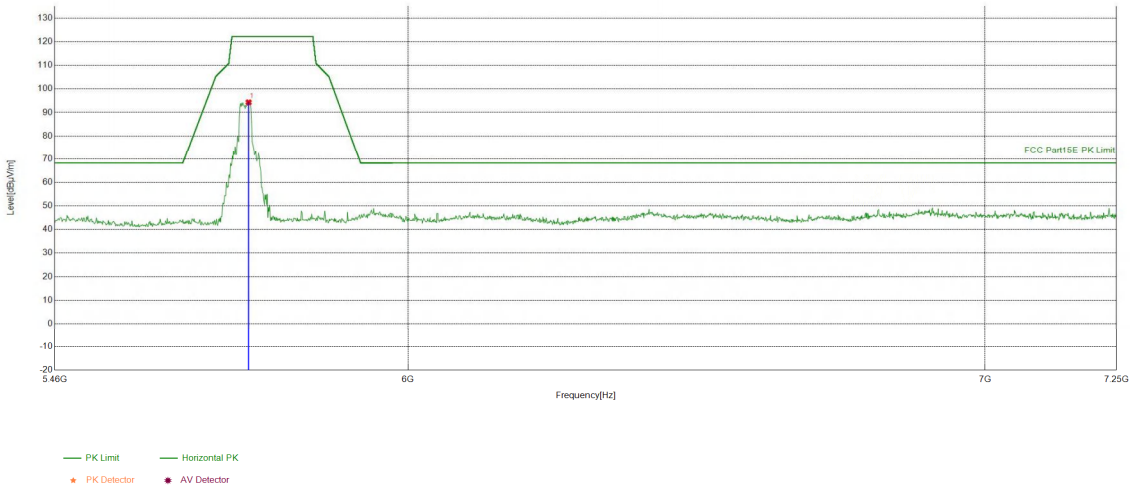
Test Graph



| Suspected List |             |             |                |                |                |             |        |          |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1              | 5780.5703   | -5.39       | 97.63          | 92.24          | 122.20         | 29.96       | PASS   | Vertical | PK     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT20)<br>Transmitting | Test_Frequency | 5745Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

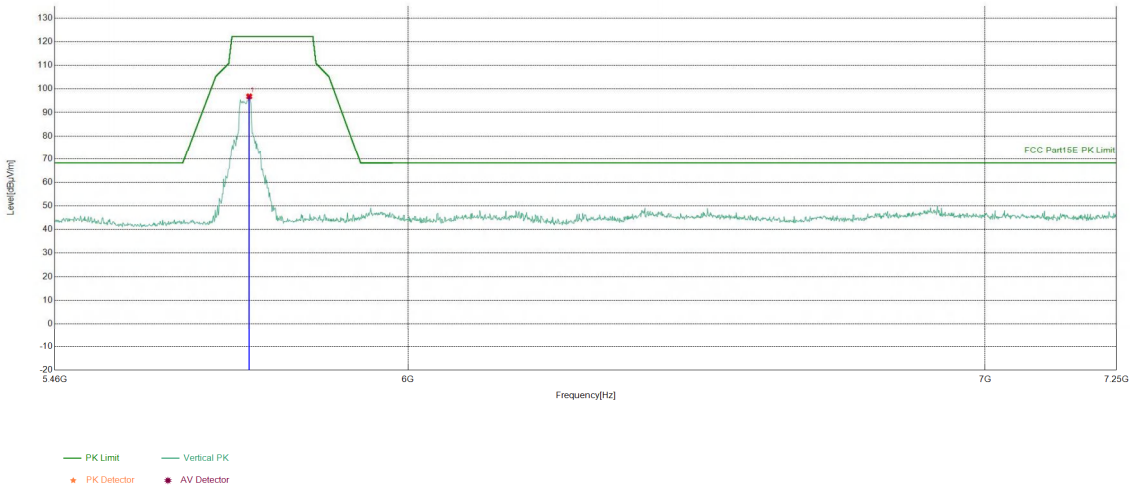
Test Graph



| Suspected List |             |             |                |                |                |             |        |            |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
| 1              | 5750.1251   | -5.24       | 99.55          | 94.31          | 122.20         | 27.89       | PASS   | Horizontal | PK     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT20)<br>Transmitting | Test_Frequency | 5745Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

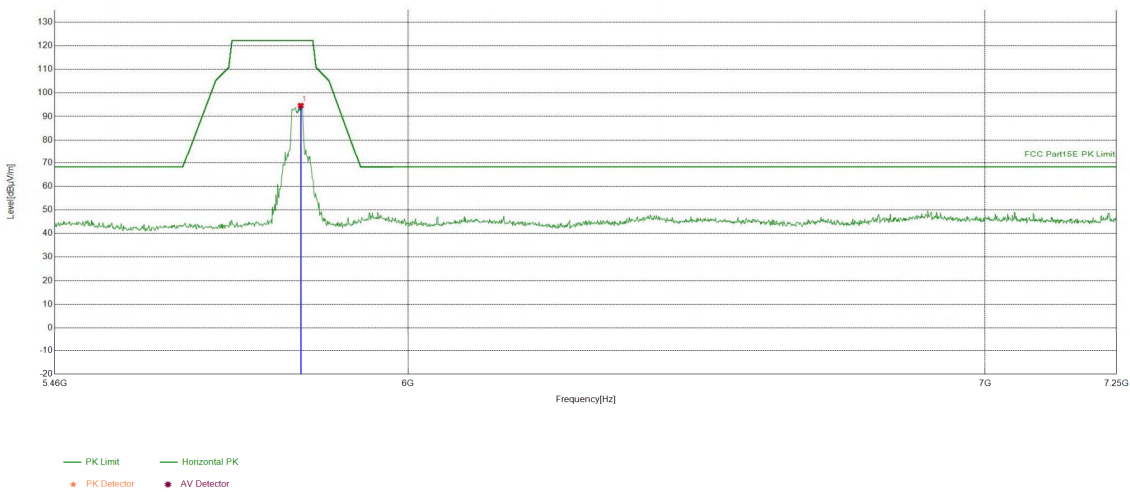
Test Graph



| Suspected List |             |             |                |                |                |             |        |          |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1              | 5751.0205   | -5.25       | 102.07         | 96.82          | 122.20         | 25.38       | PASS   | Vertical | PK     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT20)<br>Transmitting | Test_Frequency | 5825Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

Test Graph

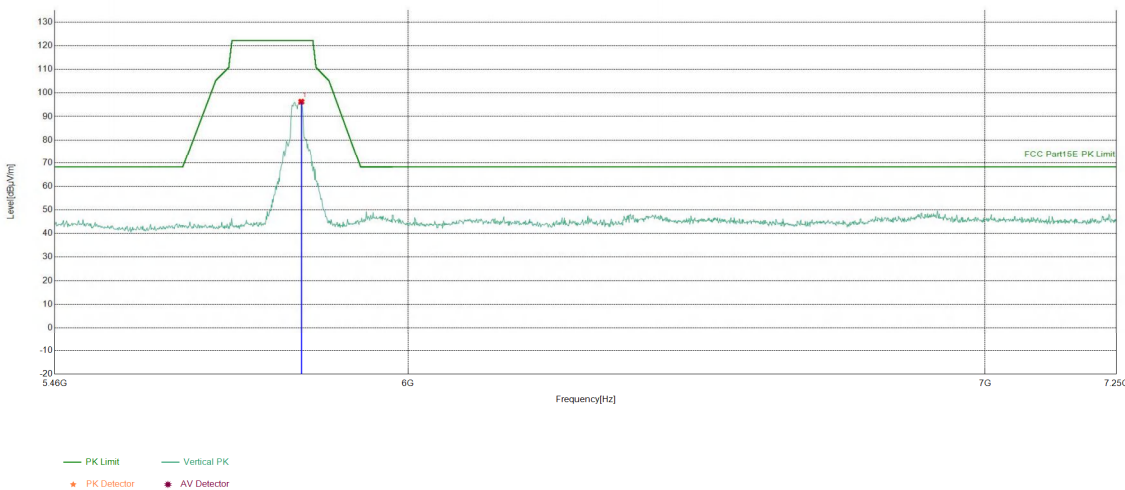


Suspected List

| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1  | 5830.7154   | -5.22       | 99.80          | 94.58          | 122.20         | 27.62       | PASS   | Horizontal | PK     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT20)<br>Transmitting | Test_Frequency | 5825Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

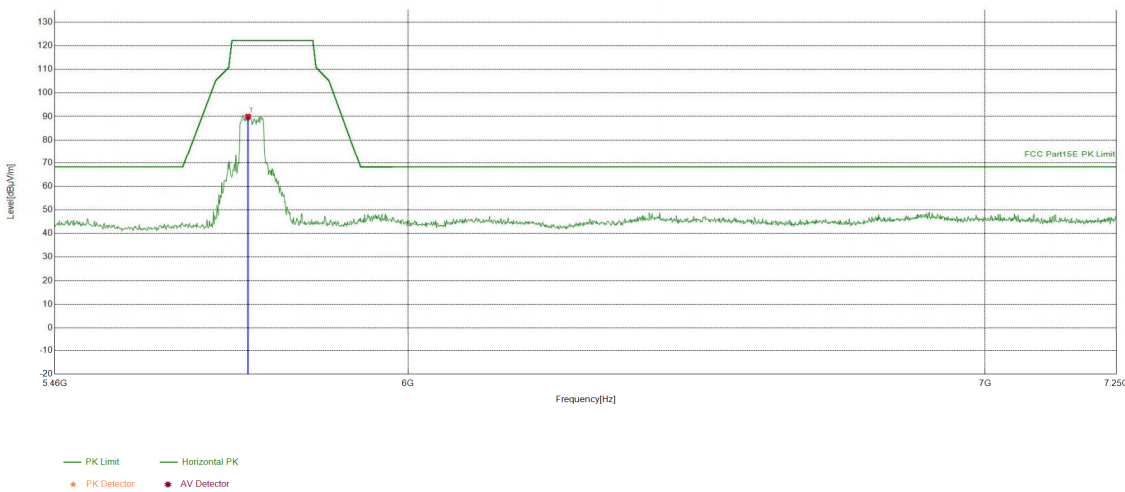
Test Graph



| Suspected List |             |             |                |                |                |             |        |          |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1              | 5831.6108   | -5.21       | 101.49         | 96.28          | 122.20         | 25.92       | PASS   | Vertical | PK     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT40)<br>Transmitting | Test_Frequency | 5755Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

Test Graph

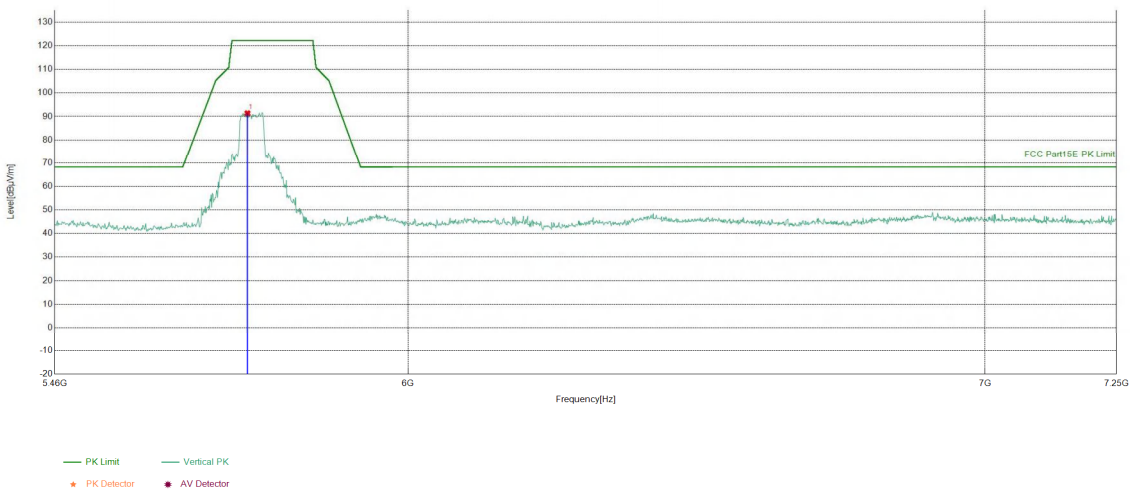


Suspected List

| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1  | 5749.2296   | -5.27       | 95.23          | 89.96          | 122.20         | 32.24       | PASS   | Horizontal | PK     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT40)<br>Transmitting | Test_Frequency | 5755Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

Test Graph

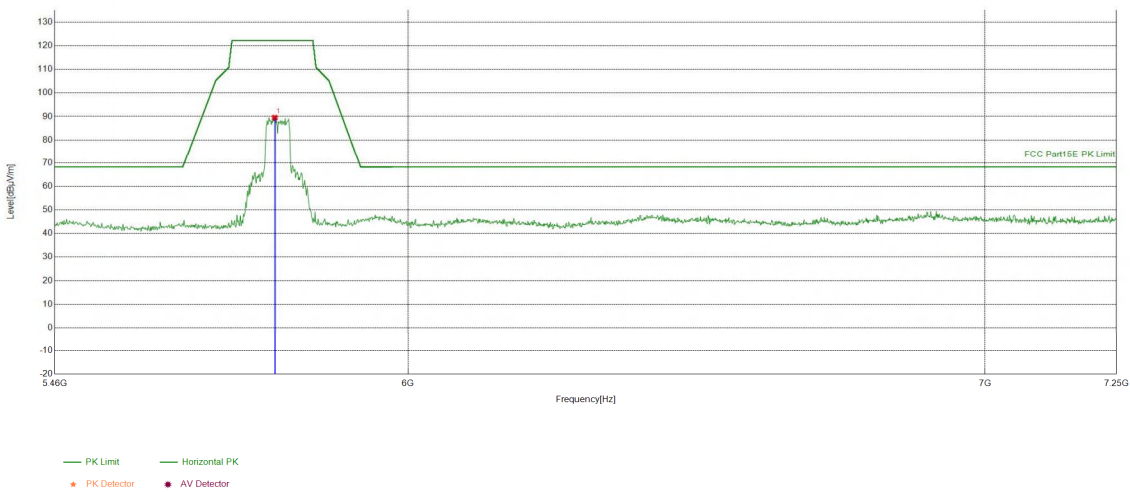


Suspected List

| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| 1  | 5748.3342   | -5.30       | 96.68          | 91.38          | 122.20         | 30.82       | PASS   | Vertical | PK     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT40)<br>Transmitting | Test_Frequency | 5795Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

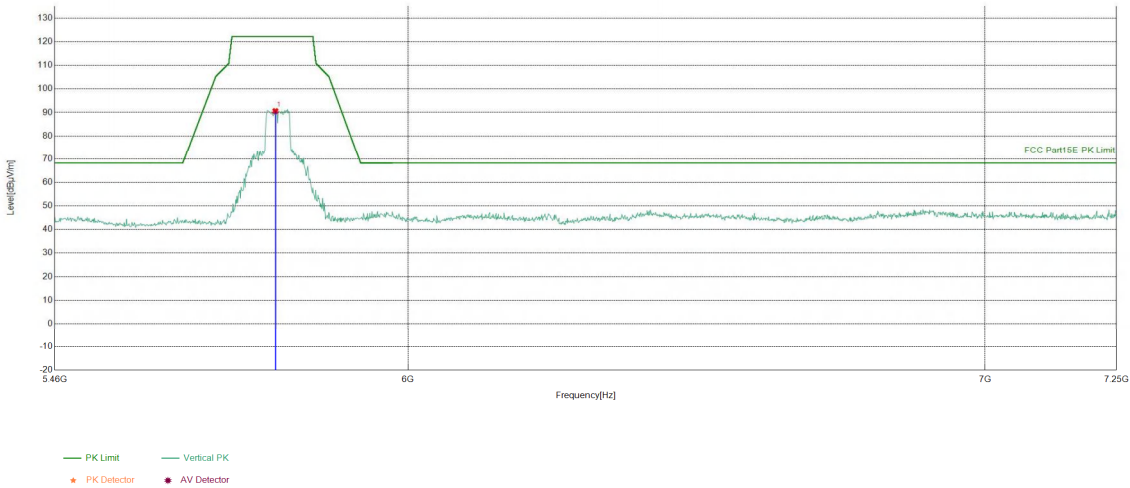
Test Graph



| Suspected List |             |             |                |                |                |             |        |            |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
| 1              | 5790.4202   | -5.43       | 94.90          | 89.47          | 122.20         | 32.73       | PASS   | Horizontal | PK     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT40)<br>Transmitting | Test_Frequency | 5795Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

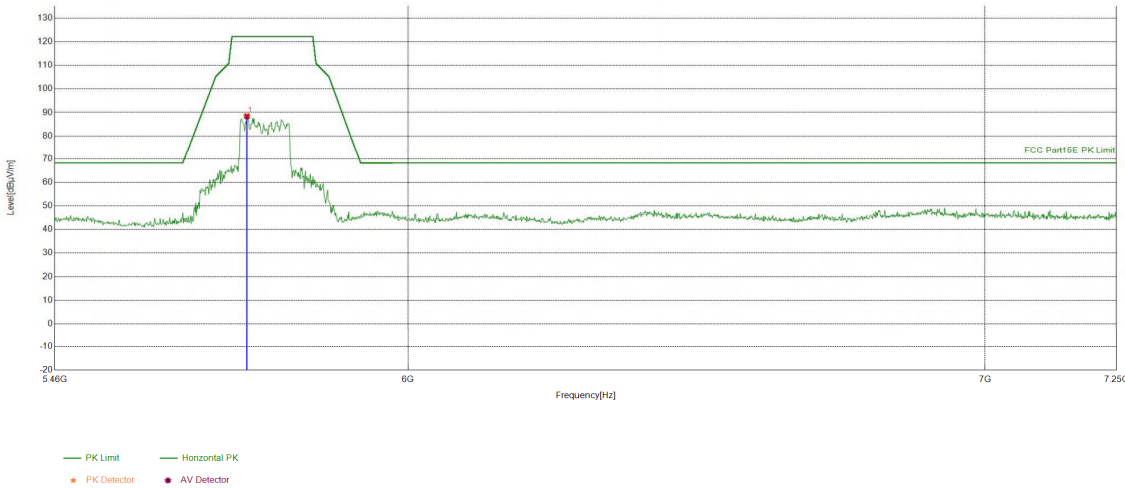
Test Graph



| Suspected List |             |             |                |                |                |             |        |          |        |
|----------------|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO             | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1              | 5791.3157   | -5.43       | 96.02          | 90.59          | 122.20         | 31.61       | PASS   | Vertical | PK     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT80)<br>Transmitting | Test_Frequency | 5775Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

Test Graph

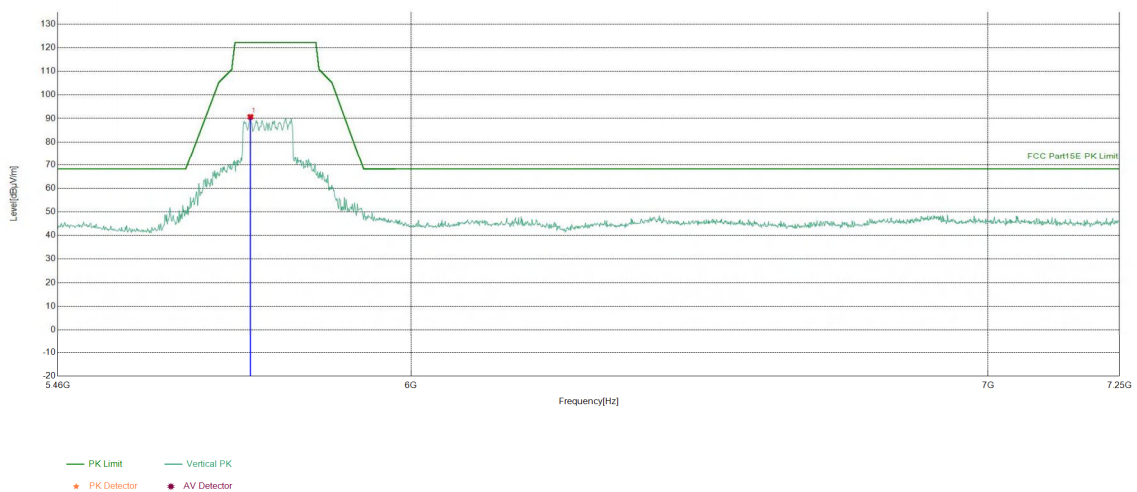


Suspected List

| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity   | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|------------|--------|
| 1  | 5747.4387   | -5.34       | 93.72          | 88.38          | 122.20         | 33.82       | PASS   | Horizontal | PK     |

|               |                                  |                |            |
|---------------|----------------------------------|----------------|------------|
| Test_Mode     | 802.11 ac(VHT80)<br>Transmitting | Test_Frequency | 5775Mhz    |
| Tset_Engineer | chenjun                          | Test_Date      | 2025/09/03 |
| Remark        | 22.1°C50.8%\                     |                |            |

## Test Graph



## Suspected List

| NO | Freq. [MHz] | Factor [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
|----|-------------|-------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| 1  | 5748.3342   | -5.30       | 95.94          | 90.64          | 122.20         | 31.56       | PASS   | Vertical | PK     |

## Note:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

2) Scan from 1GHz to 25GHz, the disturbance above 13GHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

## 6 Appendix A

Refer to Appendix: 5G WIFI of EED32R81540404

## **PHOTOGRAPHS OF EUT Constructional Details**

Refer to Report No.EED32R81540401 for EUT external and internal photos.

## Statement

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule stated in ILAC-G8:09/2019/CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;

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